

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
 Data File : VD065993.D
 Acq On : 22 Jul 2020 10:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 22 15:42:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	373623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245747	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	153023	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
35) Dibromofluoromethane	7.91	113	165235	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	10.34	98	648881	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.64	95	213621	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	131209	46.275	ug/l	96
3) Chloromethane	2.21	50	104646	45.225	ug/l	100
4) Vinyl Chloride	2.35	62	107647	48.852	ug/l	99
5) Bromomethane	2.77	94	75205	48.365	ug/l	97
6) Chloroethane	2.93	64	65708	49.953	ug/l	96
7) Trichlorofluoromethane	3.27	101	270675	50.502	ug/l	99
8) Diethyl Ether	3.70	74	70184	47.374	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	163230	50.438	ug/l	98
10) Methyl Iodide	4.30	142	165222	50.445	ug/l	97
11) Tert butyl alcohol	5.20	59	40832	209.040	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	155597	50.369	ug/l	91
13) Acrolein	3.92	56	60845	237.548	ug/l	100
14) Allyl chloride	4.71	41	239724	49.644	ug/l	98
15) Acrylonitrile	5.42	53	152816	241.447	ug/l	98
16) Acetone	4.16	43	176710	287.162	ug/l	97
17) Carbon Disulfide	4.40	76	487507	48.652	ug/l	97
18) Methyl Acetate	4.71	43	64834	45.290	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	314229	49.508	ug/l	95
20) Methylene Chloride	4.96	84	172180	50.640	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	174691	50.035	ug/l	97
22) Diisopropyl ether	6.36	45	464239	50.604	ug/l	98
23) Vinyl Acetate	6.30	43	1333062	257.653	ug/l	98
24) 1,1-Dichloroethane	6.27	63	278112	50.032	ug/l	97
25) 2-Butanone	7.21	43	209539	256.618	ug/l	99
26) 2,2-Dichloropropane	7.21	77	257008	51.415	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	182955	49.493	ug/l	99
28) Bromochloromethane	7.55	49	122763	52.035	ug/l	98
29) Tetrahydrofuran	7.56	42	121779	241.717	ug/l	99
30) Chloroform	7.71	83	286280	49.235	ug/l	99
31) Cyclohexane	7.98	56	266998	48.823	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	266801	49.606	ug/l	99
36) 1,1-Dichloropropene	8.11	75	234568	51.705	ug/l	98
37) Ethyl Acetate	7.29	43	85506	49.353	ug/l	98
38) Carbon Tetrachloride	8.09	117	258735	52.562	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
 Data File : VD065993.D
 Acq On : 22 Jul 2020 10:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 22 15:42:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	300978	54.784	ug/l	98
40) Benzene	8.35	78	644291	50.764	ug/l	98
41) Methacrylonitrile	7.52	41	45945	46.292	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	173448	49.871	ug/l	99
43) Isopropyl Acetate	8.45	43	166126	49.093	ug/l	100
44) Trichloroethene	9.11	130	191336	49.817	ug/l	97
45) 1,2-Dichloropropane	9.39	63	155423	50.562	ug/l	96
46) Dibromomethane	9.48	93	81759	49.408	ug/l	98
47) Bromodichloromethane	9.66	83	222556	50.865	ug/l	98
48) Methyl methacrylate	9.46	41	89396	52.372	ug/l	97
49) 1,4-Dioxane	9.46	88	17853	931.228	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	427059	250.474	ug/l	99
52) Toluene	10.40	92	424748	51.317	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	207668	50.945	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	249923	50.579	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	114151	48.639	ug/l	94
56) Ethyl methacrylate	10.66	69	141723	51.940	ug/l	96
57) 1,3-Dichloropropane	10.95	76	196340	50.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	362170	277.850	ug/l	99
59) 2-Hexanone	10.98	43	313678	265.481	ug/l	97
60) Dibromochloromethane	11.14	129	156600	49.489	ug/l	98
61) 1,2-Dibromoethane	11.25	107	112314	49.634	ug/l	99
64) Tetrachloroethene	10.88	164	170312	51.628	ug/l	96
65) Chlorobenzene	11.67	112	447557	50.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	168236	51.200	ug/l	100
67) Ethyl Benzene	11.75	91	805271	52.583	ug/l	100
68) m/p-Xylenes	11.86	106	629776	106.993	ug/l	98
69) o-Xylene	12.18	106	283530	52.960	ug/l	99
70) Styrene	12.20	104	489963	53.266	ug/l	100
71) Bromoform	12.37	173	94755	49.231	ug/l #	100
73) Isopropylbenzene	12.48	105	790563	53.164	ug/l	100
74) N-amyl acetate	12.29	43	160446	52.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	120010	48.834	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	158996	85.928	ug/l #	100
77) Bromobenzene	12.77	156	194049	51.062	ug/l	97
78) n-propylbenzene	12.83	91	928940	53.835	ug/l	100
79) 2-Chlorotoluene	12.91	91	510223	51.757	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	664137	54.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	41875	51.930	ug/l	93
82) 4-Chlorotoluene	13.01	91	541586	52.049	ug/l	100
83) tert-Butylbenzene	13.23	119	584555	54.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	654653	54.315	ug/l	100
85) sec-Butylbenzene	13.41	105	806974	54.802	ug/l	100
86) p-Isopropyltoluene	13.52	119	741144	55.401	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	360789	51.135	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	365887	51.297	ug/l	99
89) n-Butylbenzene	13.85	91	688011	55.311	ug/l	99
90) Hexachloroethane	14.12	117	144556	52.198	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	312554	51.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19902	49.414	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
Data File : VD065993.D
Acq On : 22 Jul 2020 10:02
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jul 22 15:42:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

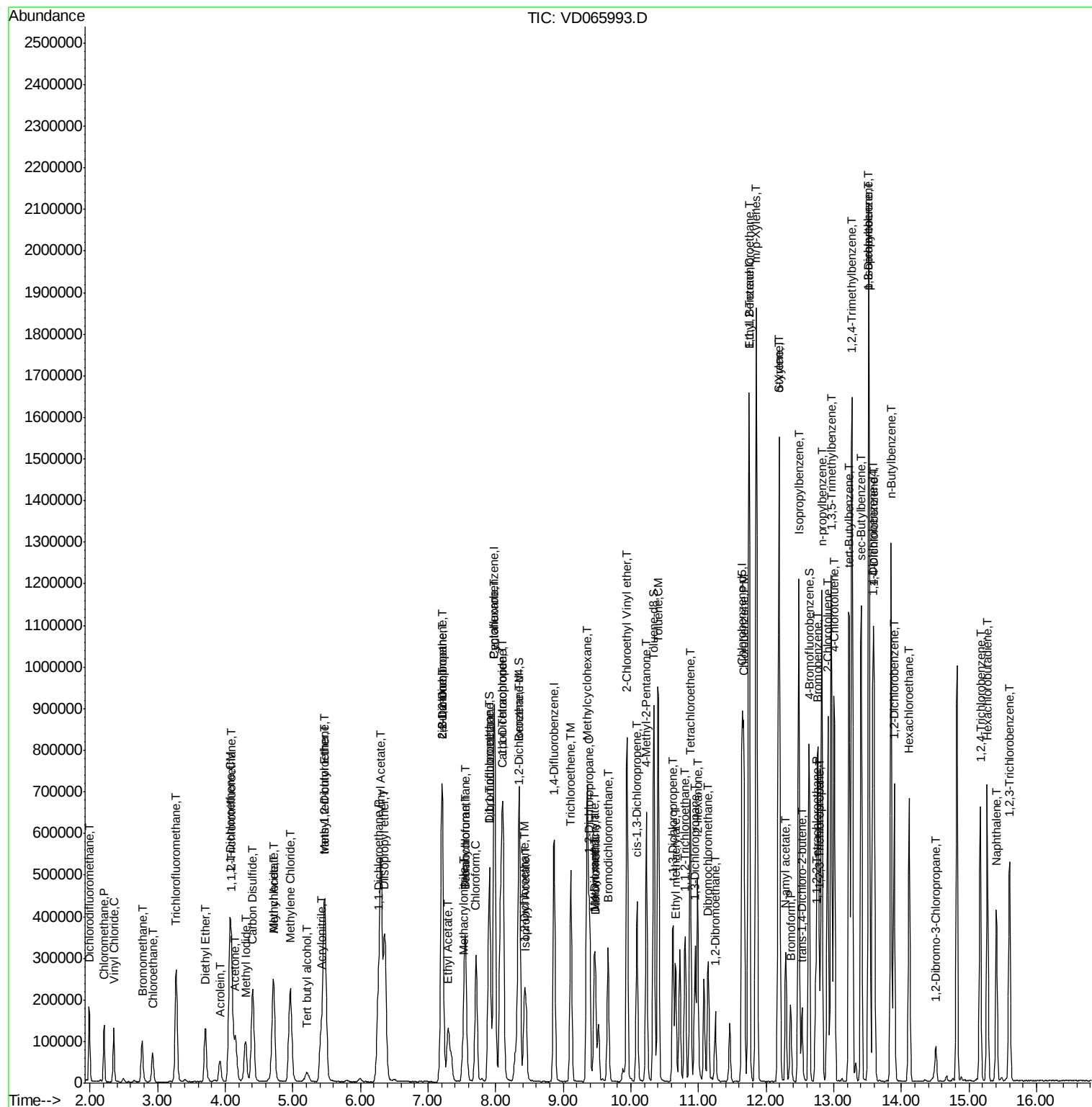
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	236303	53.845	ug/l	98
94) Hexachlorobutadiene	15.27	225	146641	54.048	ug/l	98
95) Naphthalene	15.41	128	367867	47.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	197777	51.840	ug/l	100

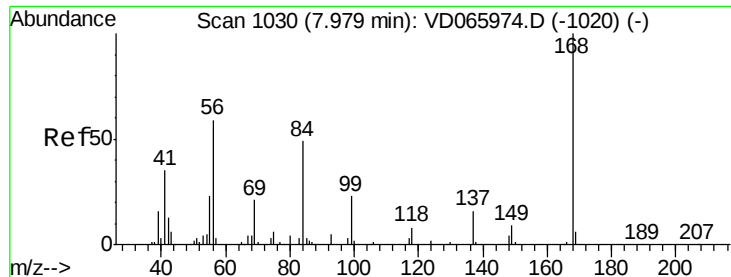
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072220\
 Data File : VD065993.D
 Acq On : 22 Jul 2020 10:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 22 15:42:11 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

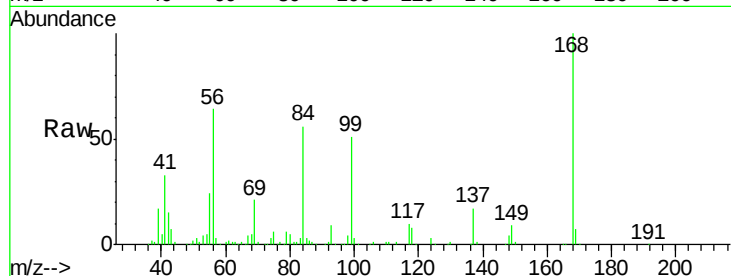
VSTDCCC050

Tgt Ion:168 Resp: 373623

Ion Ratio Lower Upper

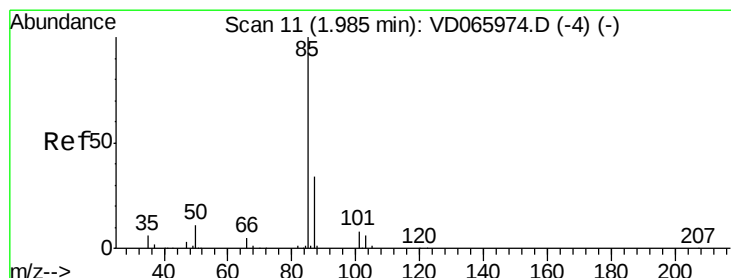
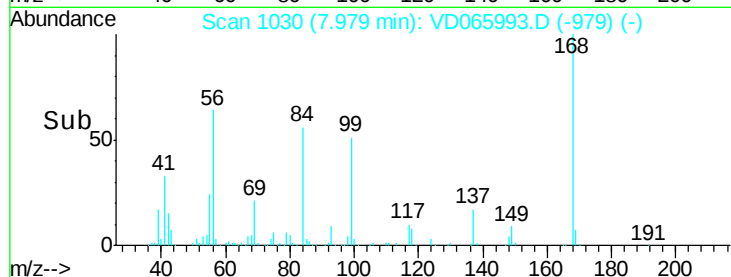
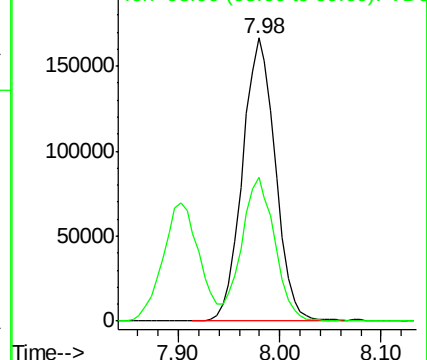
168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.275 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065993.D

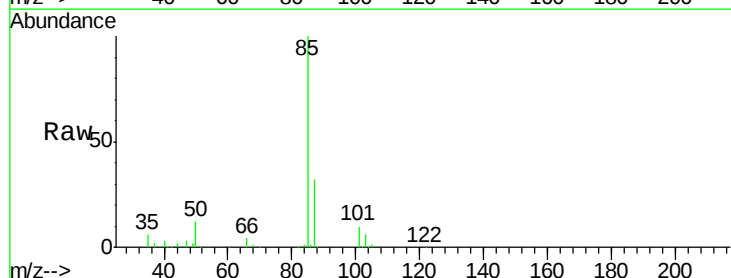
Acq: 22 Jul 2020 10:02

Tgt Ion: 85 Resp: 131209

Ion Ratio Lower Upper

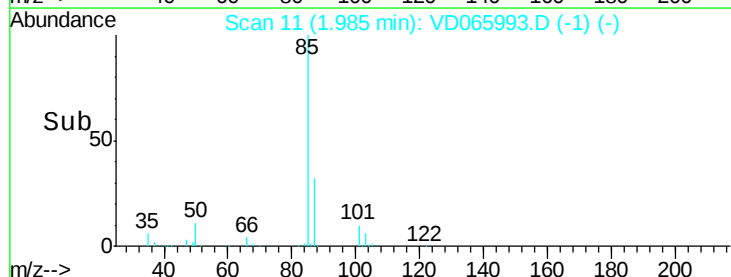
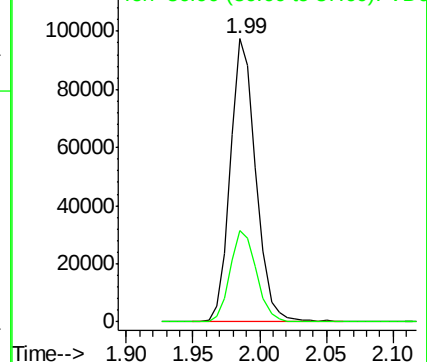
85 100

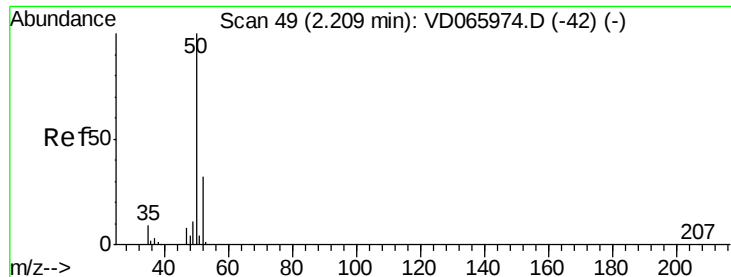
87 32.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.225 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

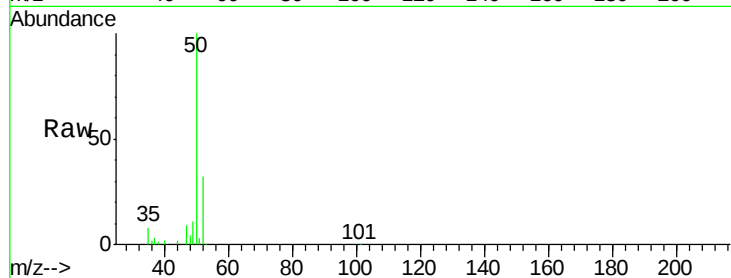
VSTDCCC050

Tgt Ion: 50 Resp: 104646

Ion Ratio Lower Upper

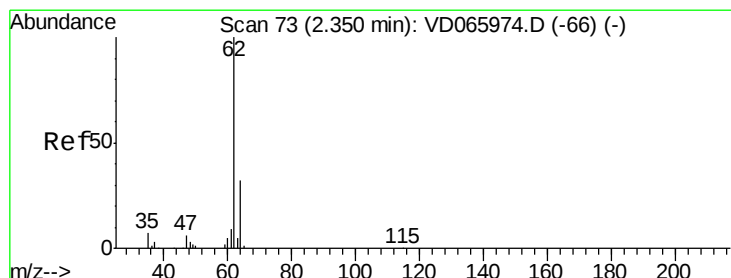
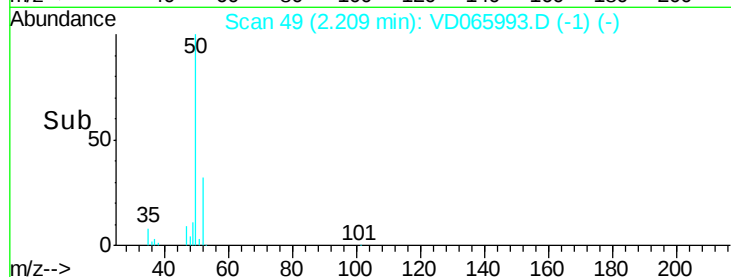
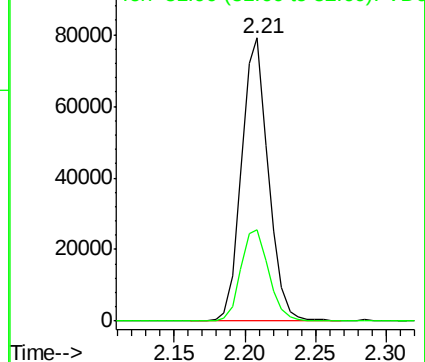
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.852 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065993.D

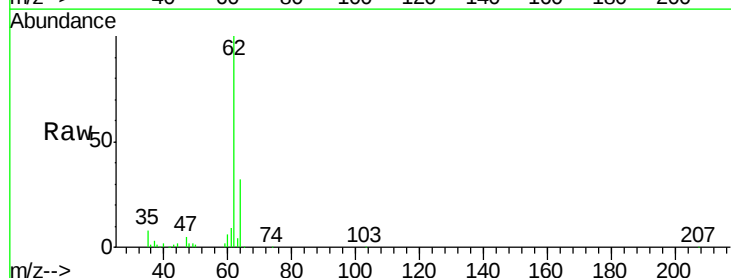
Acq: 22 Jul 2020 10:02

Tgt Ion: 62 Resp: 107647

Ion Ratio Lower Upper

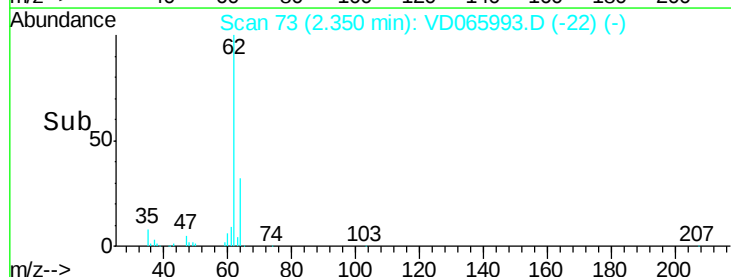
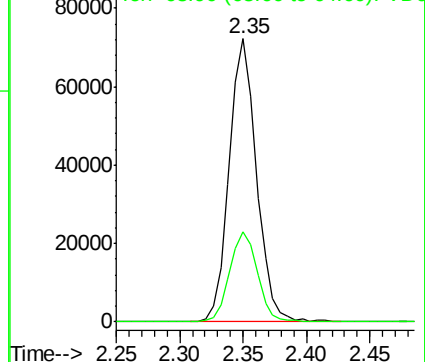
62 100

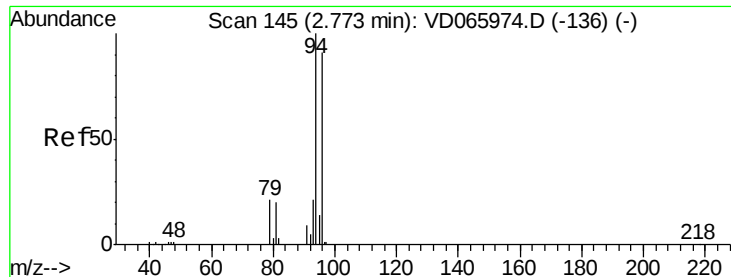
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 48.365 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

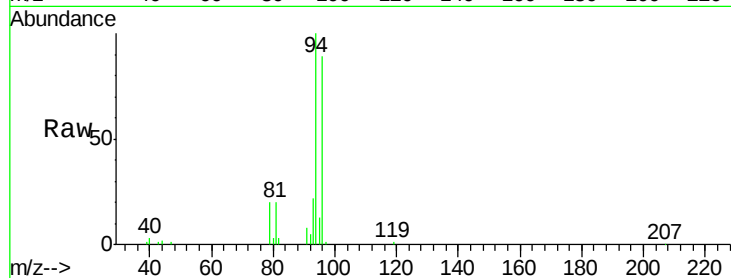
VSTDCCC050

Tgt Ion: 94 Resp: 75205

Ion Ratio Lower Upper

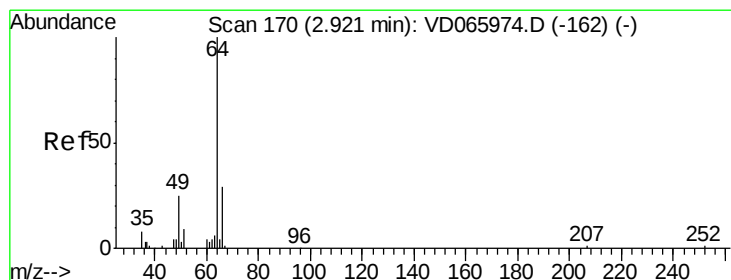
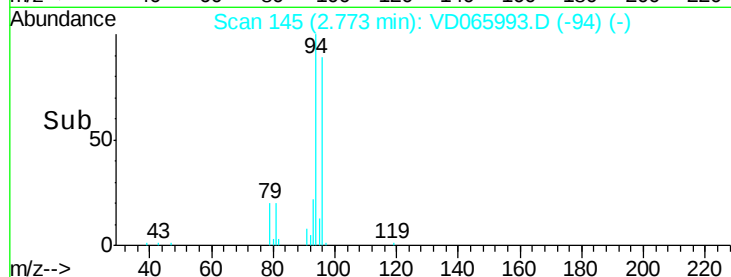
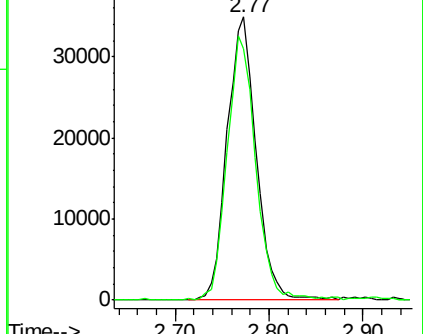
94 100

96 88.2 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.953 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD065993.D

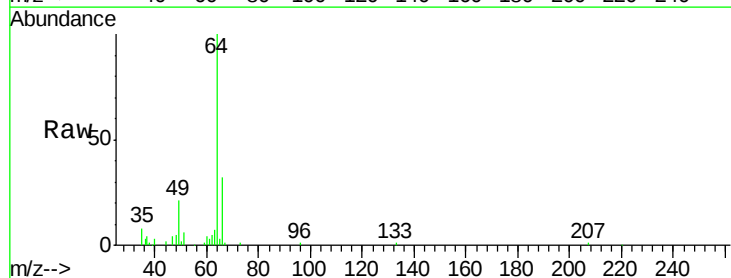
Acq: 22 Jul 2020 10:02

Tgt Ion: 64 Resp: 65708

Ion Ratio Lower Upper

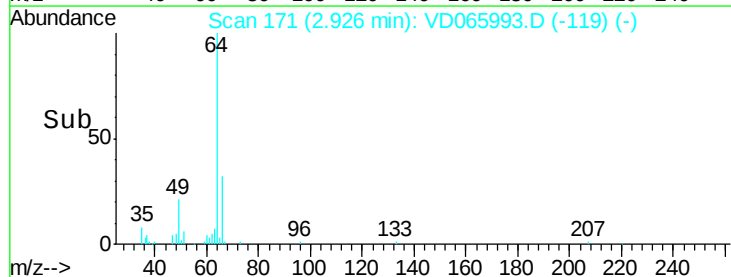
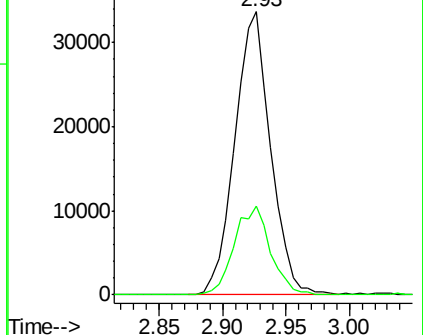
64 100

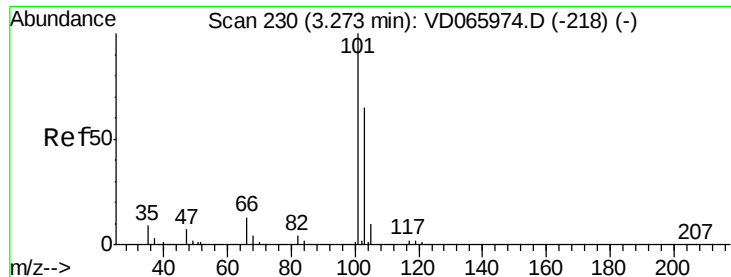
66 31.5 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 50.502 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

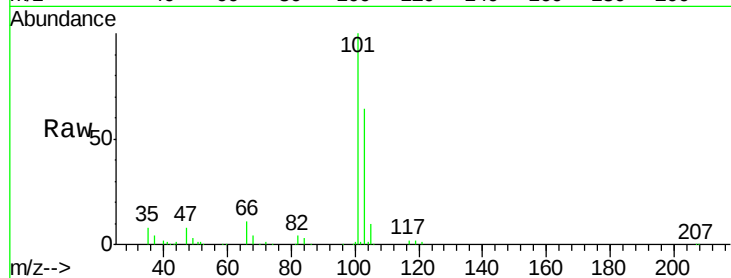
VSTDCCC050

Tgt Ion:101 Resp: 270675

Ion Ratio Lower Upper

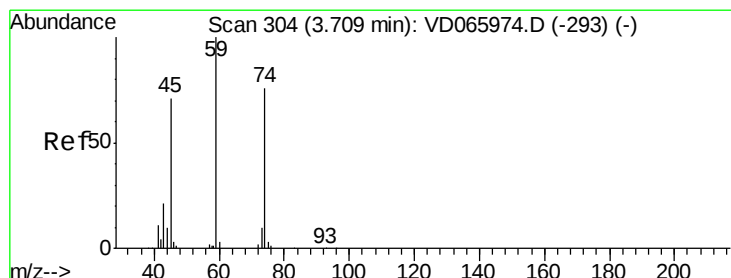
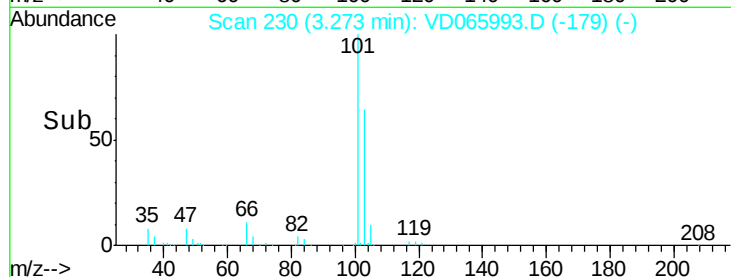
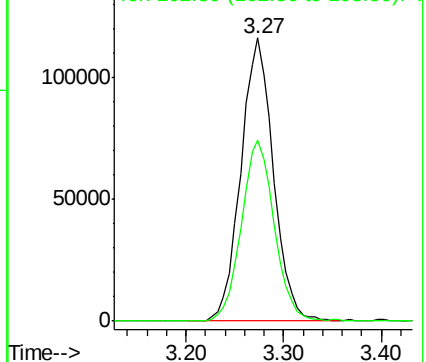
101 100

103 64.1 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.374 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD065993.D

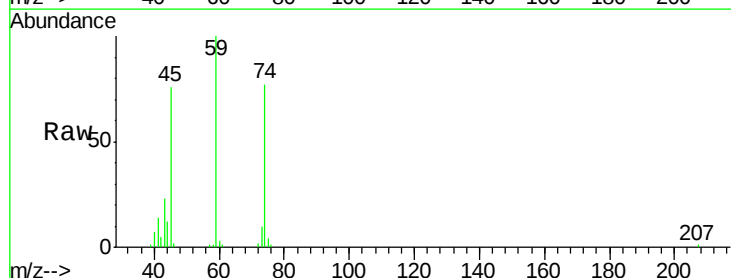
Acq: 22 Jul 2020 10:02

Tgt Ion: 74 Resp: 70184

Ion Ratio Lower Upper

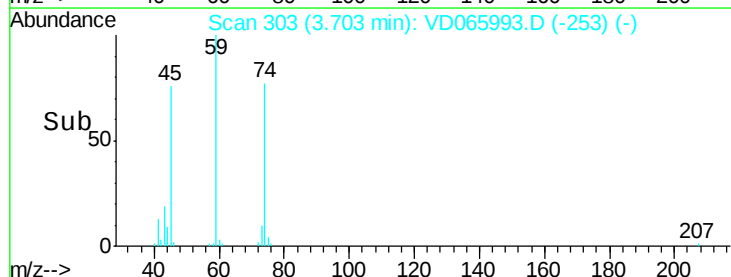
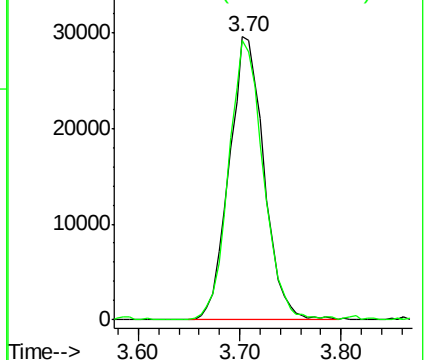
74 100

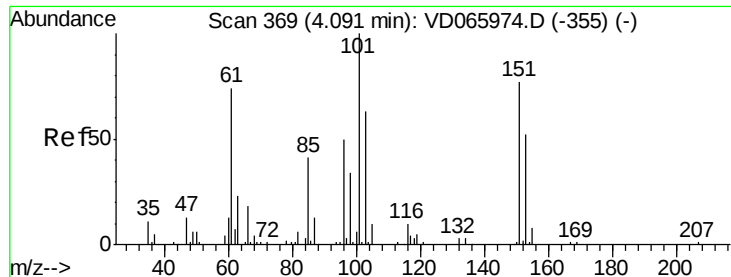
45 98.3 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.438 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

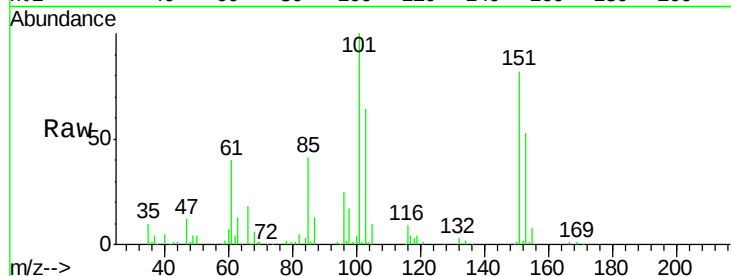
Tgt Ion:101 Resp: 163230

Ion Ratio Lower Upper

101 100

85 42.7 33.6 50.4

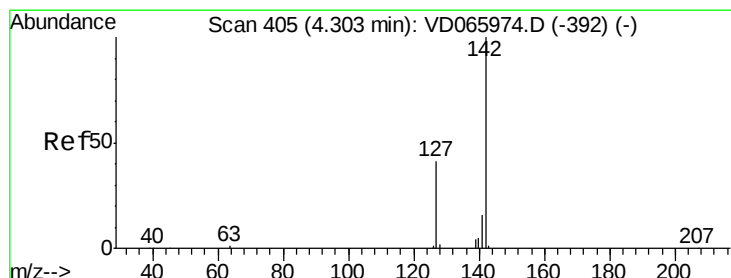
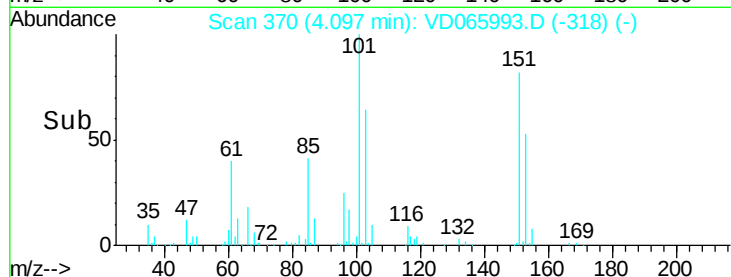
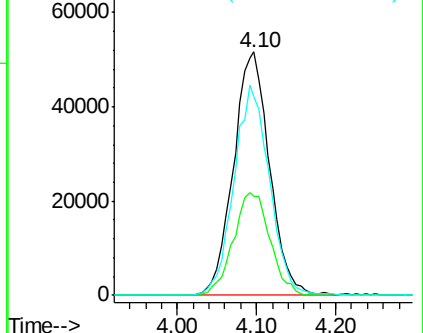
151 85.1 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.445 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

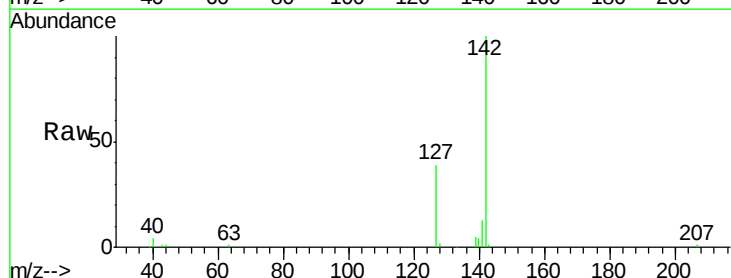
Tgt Ion:142 Resp: 165222

Ion Ratio Lower Upper

142 100

127 43.5 32.9 49.3

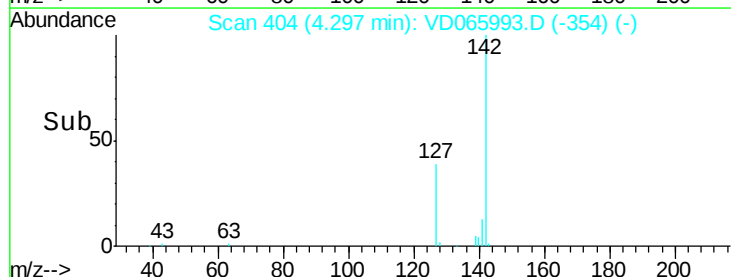
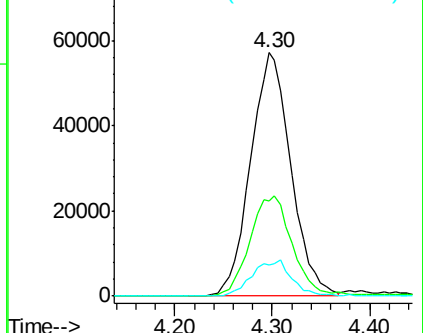
141 14.6 11.8 17.6

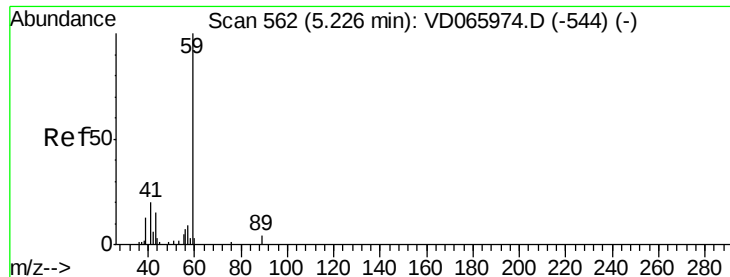


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 209.040 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

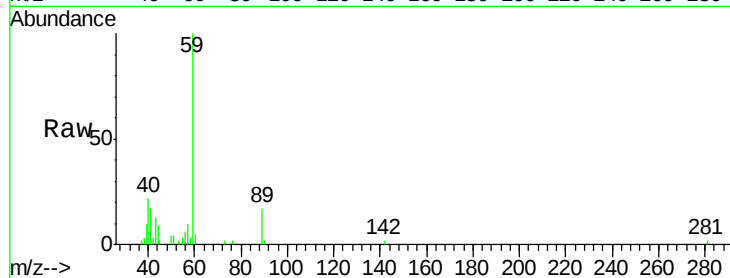
VSTDCCC050

Tgt Ion: 59 Resp: 40832

Ion Ratio Lower Upper

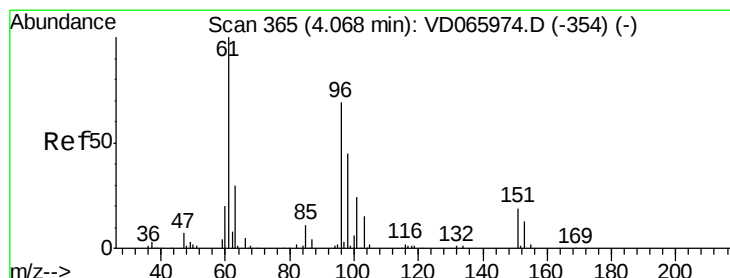
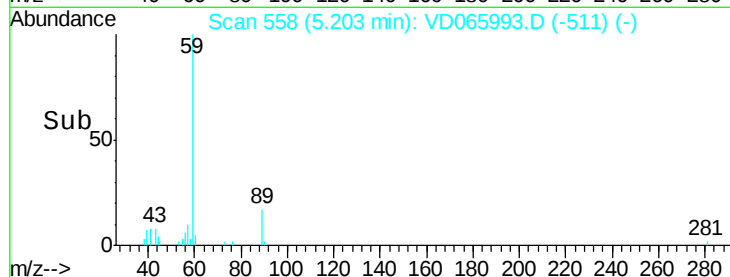
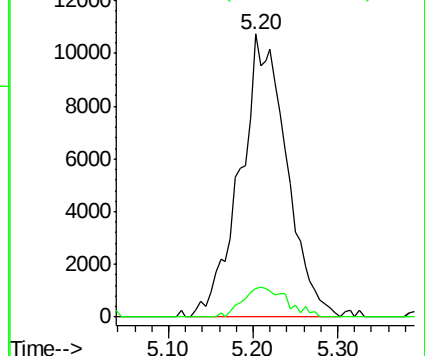
59 100

57 10.1 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.369 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

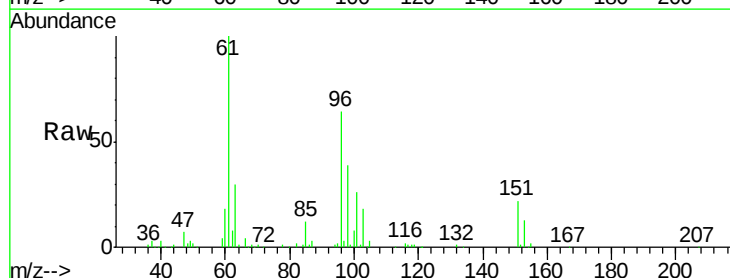
Tgt Ion: 96 Resp: 155597

Ion Ratio Lower Upper

96 100

61 156.8 115.4 173.0

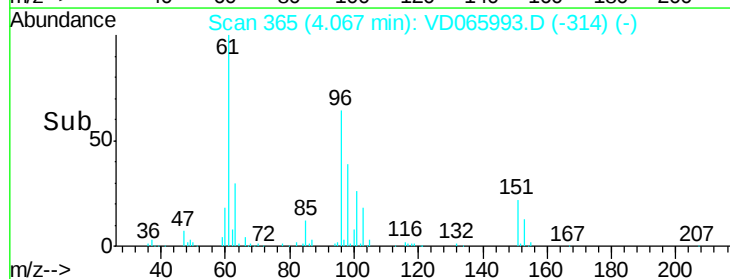
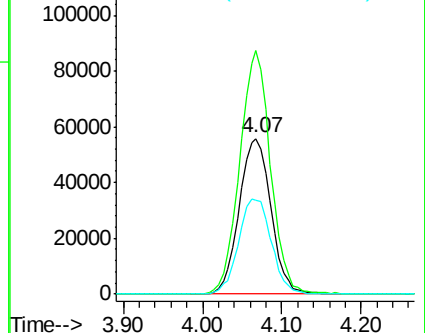
98 60.6 51.5 77.3

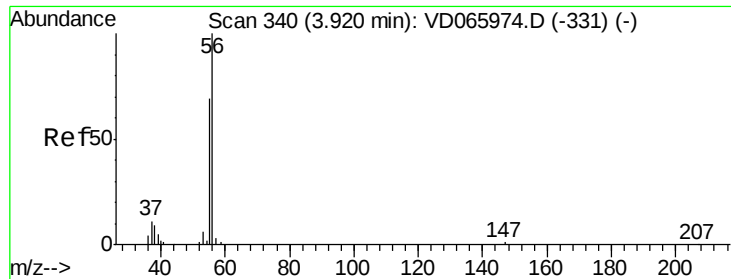


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 237.548 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

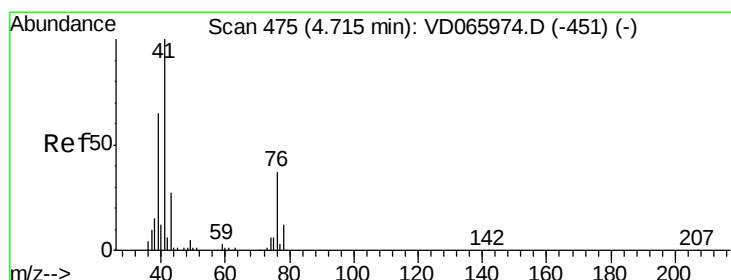
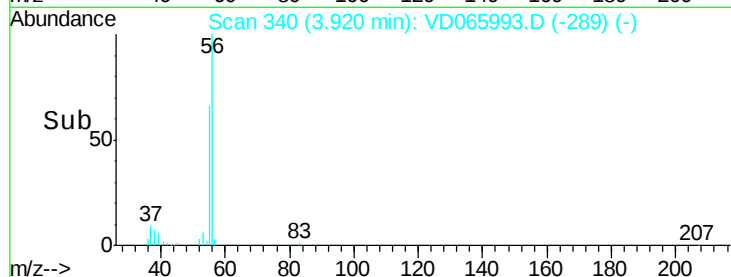
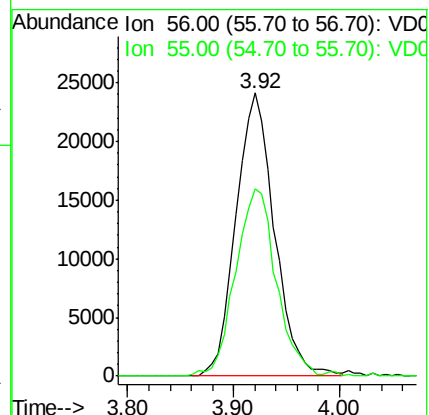
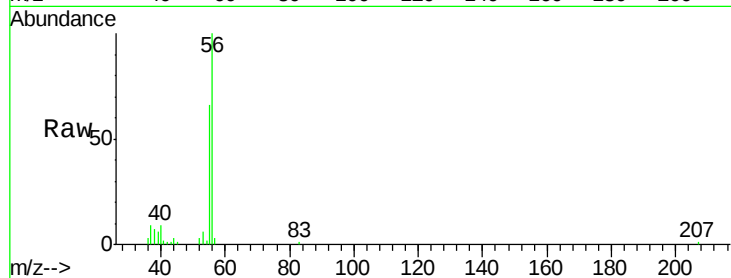
VSTDCCC050

Tgt Ion: 56 Resp: 60845

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



#14

Allyl chloride

Concen: 49.644 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

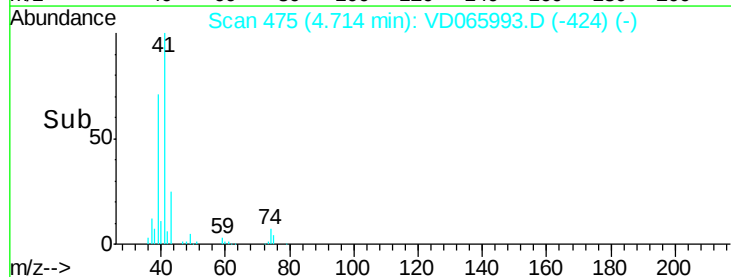
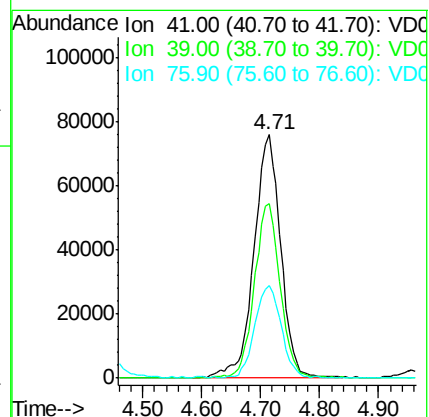
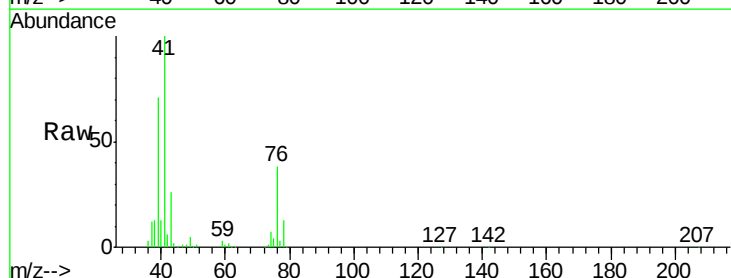
Tgt Ion: 41 Resp: 239724

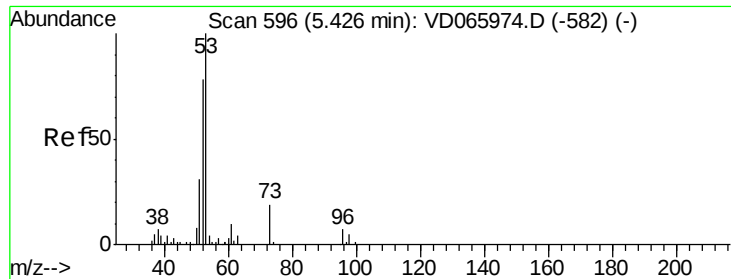
Ion Ratio Lower Upper

41 100

39 68.9 53.4 80.2

76 36.8 29.1 43.7





#15

Acrylonitrile

Concen: 241.447 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

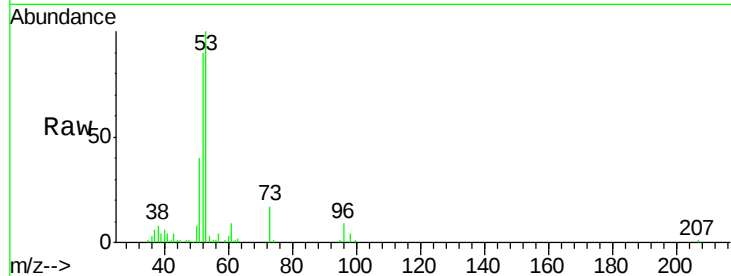
Tgt Ion: 53 Resp: 152816

Ion Ratio Lower Upper

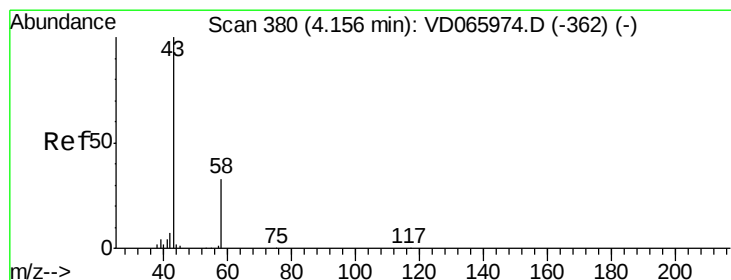
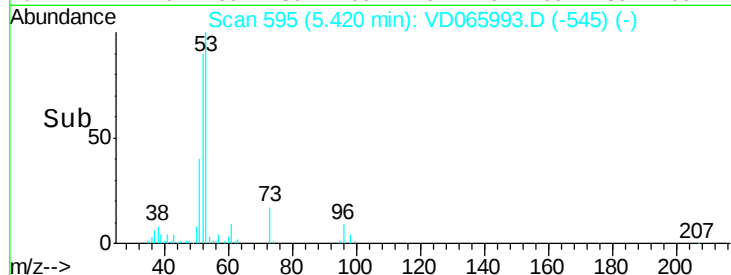
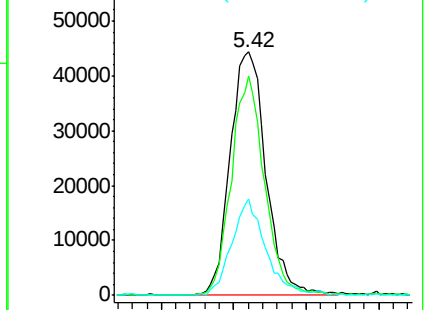
53 100

52 82.9 67.1 100.7

51 37.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 287.162 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065993.D

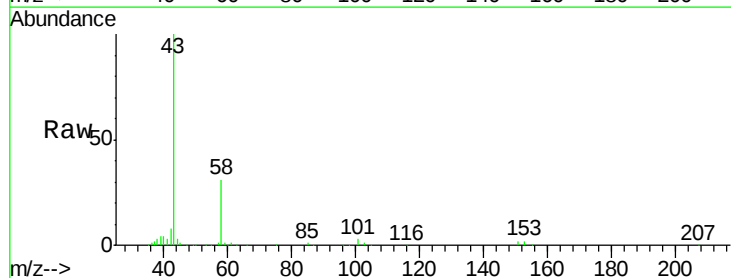
Acq: 22 Jul 2020 10:02

Tgt Ion: 43 Resp: 176710

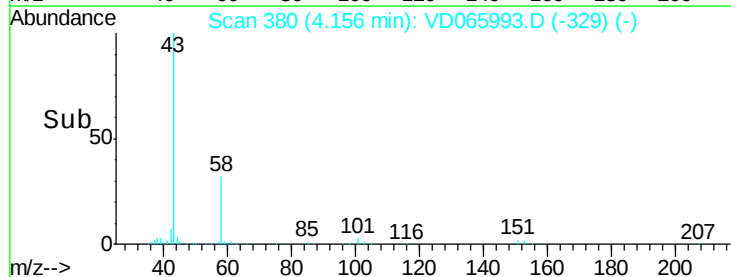
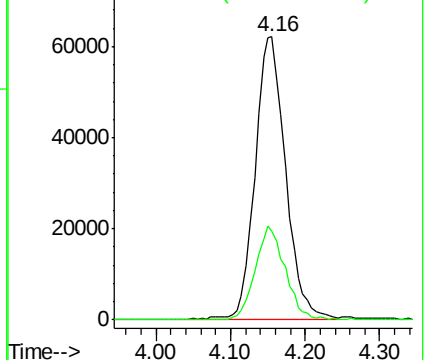
Ion Ratio Lower Upper

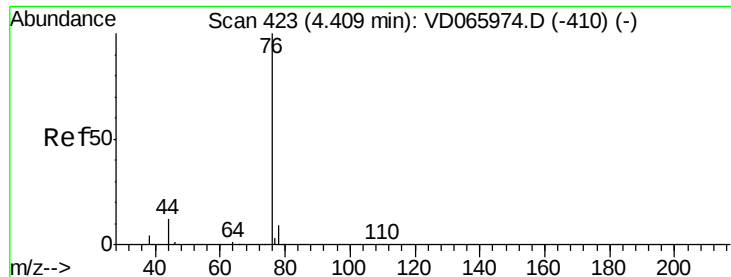
43 100

58 31.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

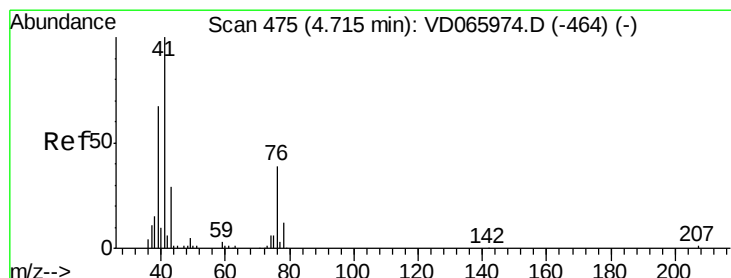
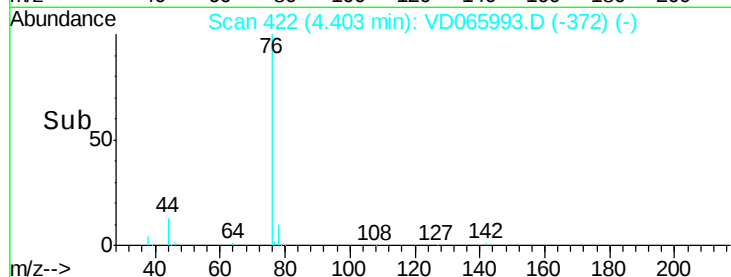
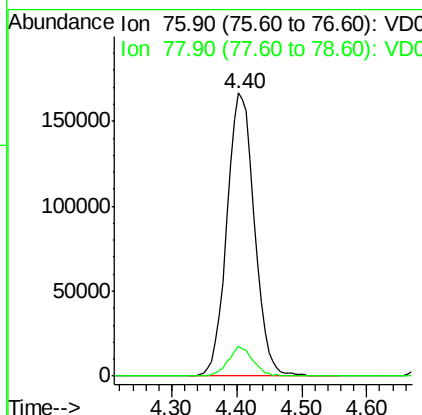
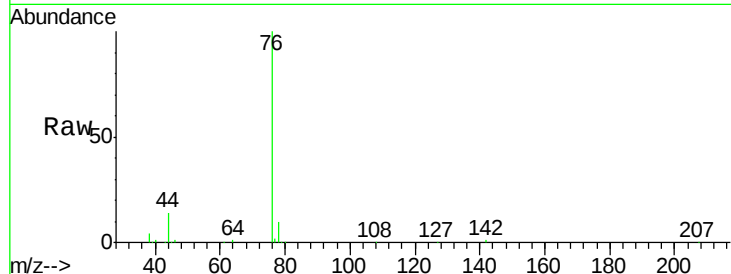




#17
Carbon Disulfide
Concen: 48.652 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

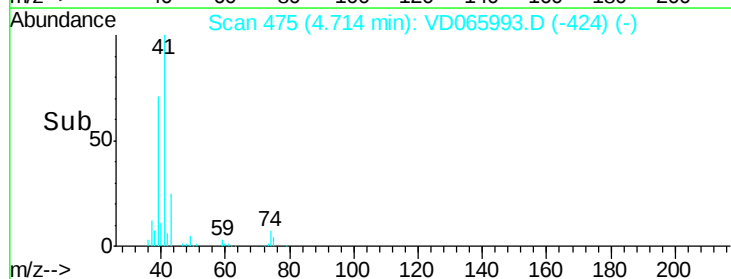
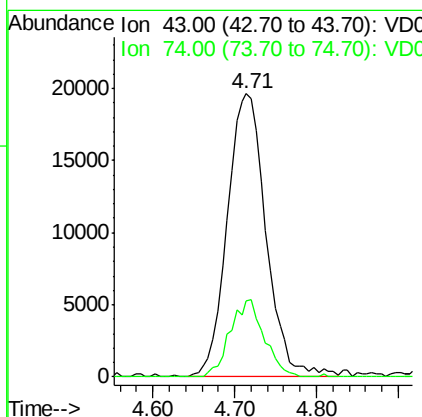
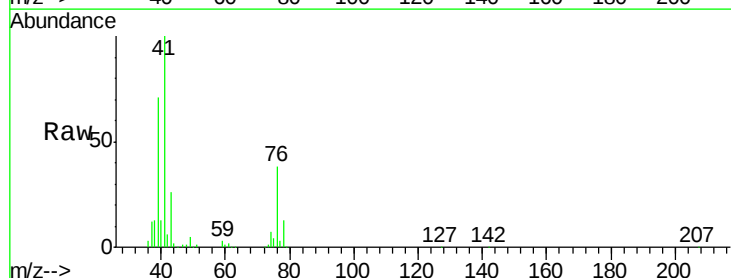
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

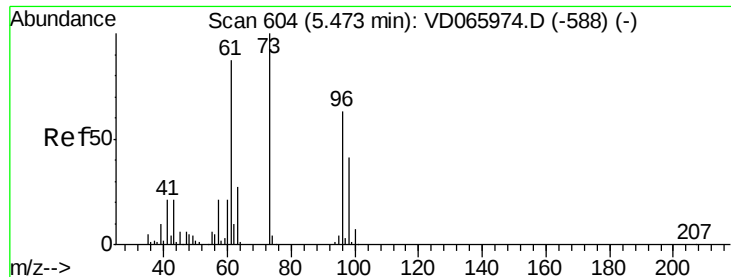
Tgt Ion: 76 Resp: 487507
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#18
Methyl Acetate
Concen: 45.290 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 43 Resp: 64834
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 49.508 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

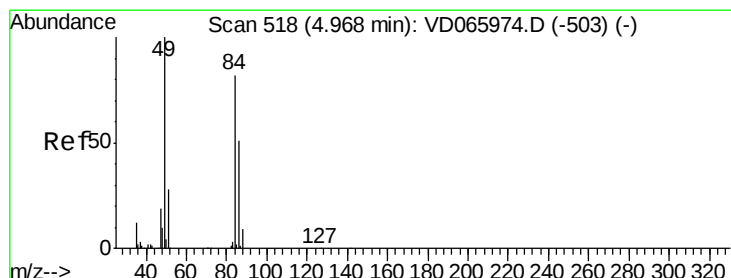
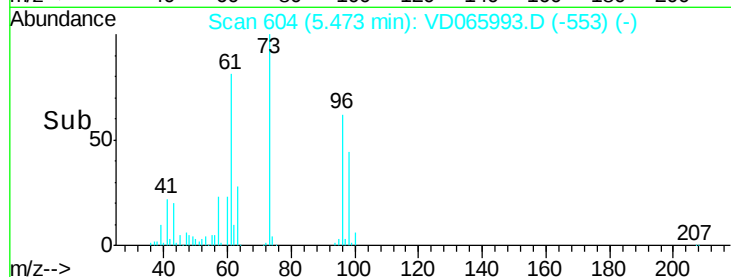
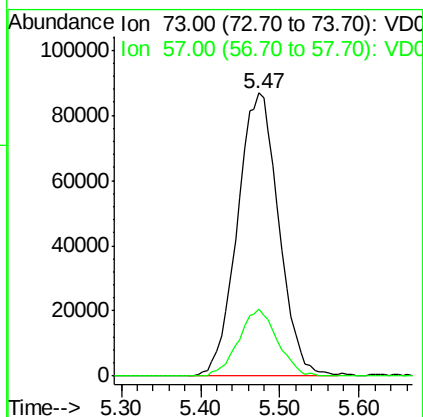
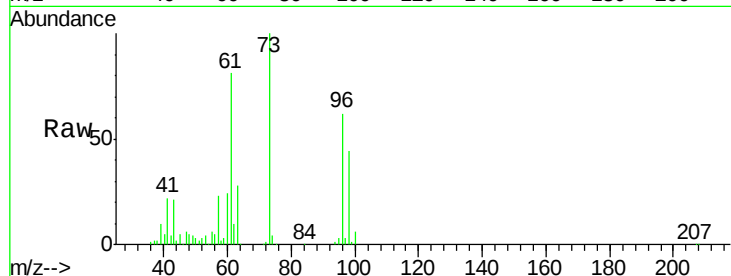
VSTDCCC050

Tgt Ion: 73 Resp: 314229

Ion Ratio Lower Upper

73 100

57 23.5 17.0 25.4



#20

Methylene Chloride

Concen: 50.640 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion: 84 Resp: 172180

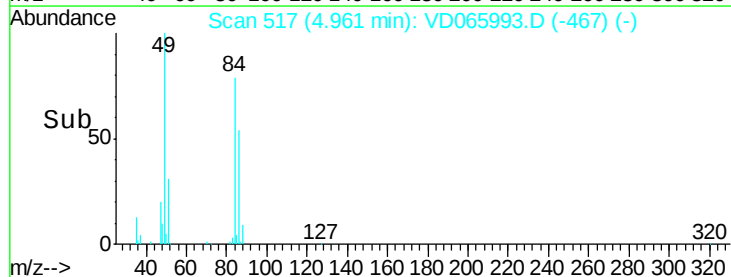
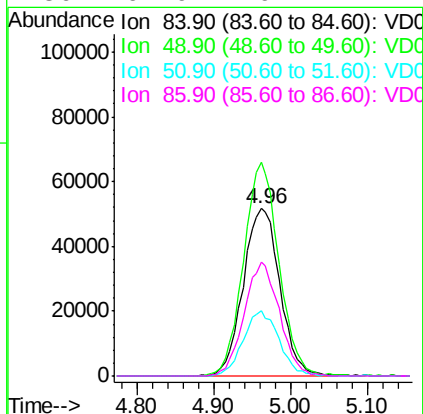
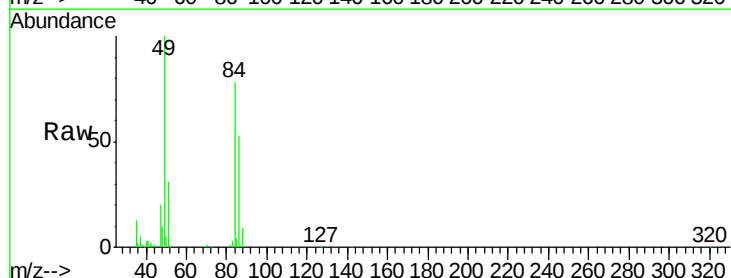
Ion Ratio Lower Upper

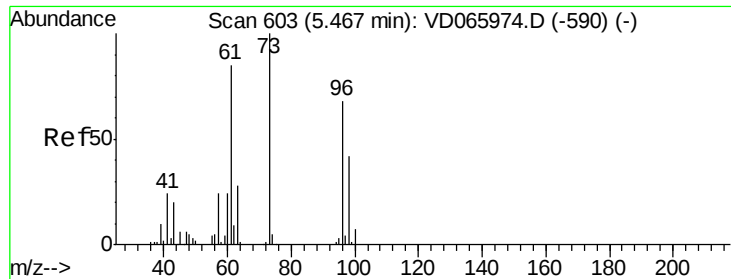
84 100

49 127.6 97.7 146.5

51 39.3 27.4 41.2

86 67.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.035 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

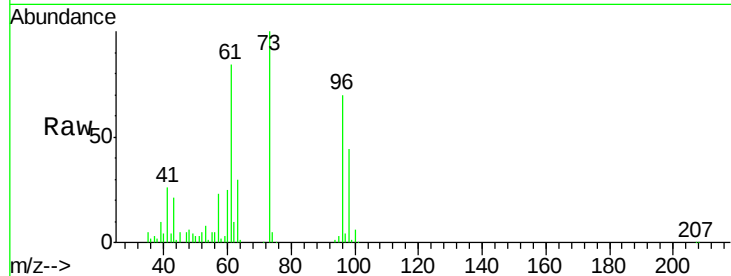
Tgt Ion: 96 Resp: 174691

Ion Ratio Lower Upper

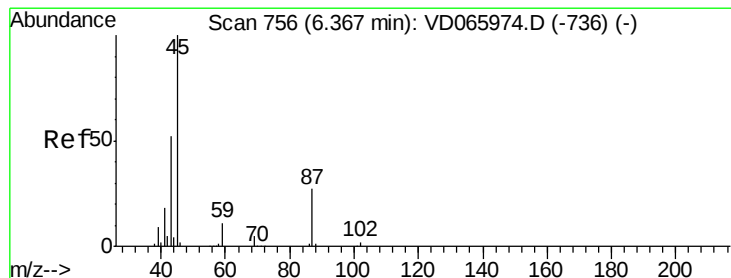
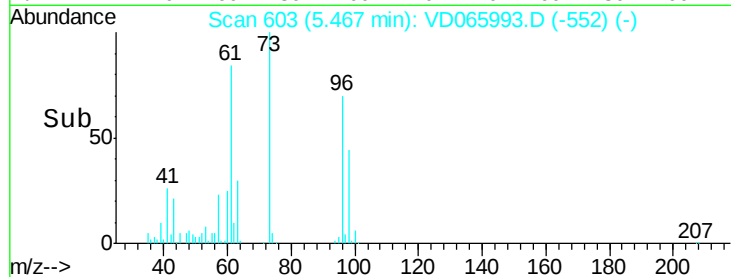
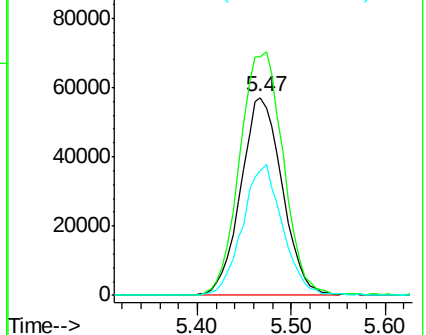
96 100

61 120.6 100.5 150.7

98 63.2 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.604 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion: 45 Resp: 464239

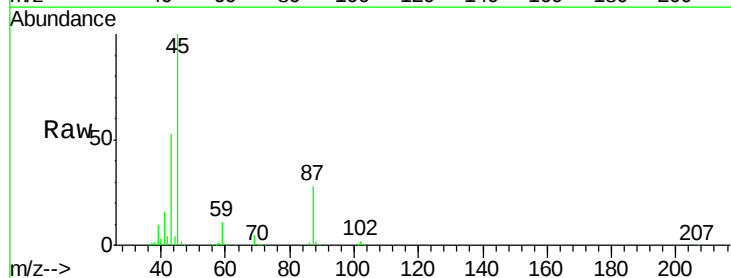
Ion Ratio Lower Upper

45 100

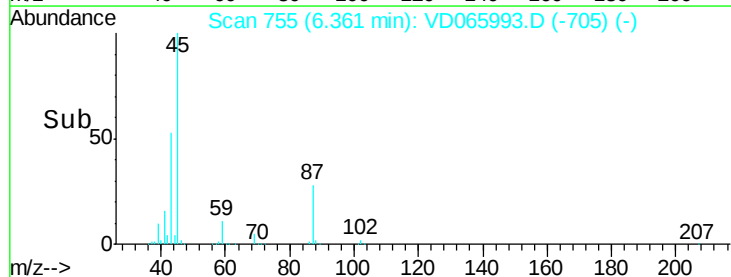
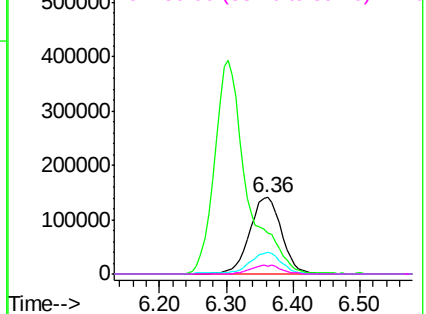
43 52.0 43.0 64.4

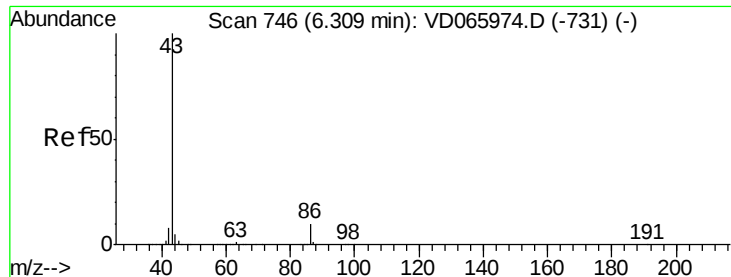
87 27.9 22.0 33.0

59 10.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 257.653 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

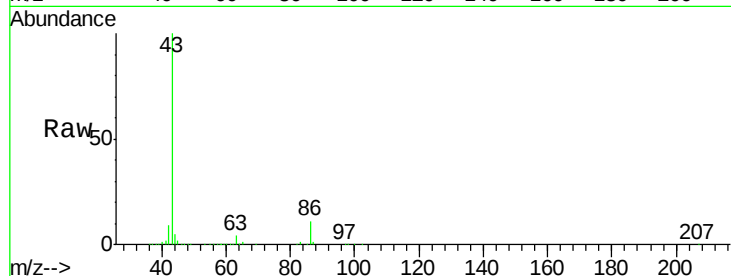
VSTDCCC050

Tgt Ion: 43 Resp: 1333062

Ion Ratio Lower Upper

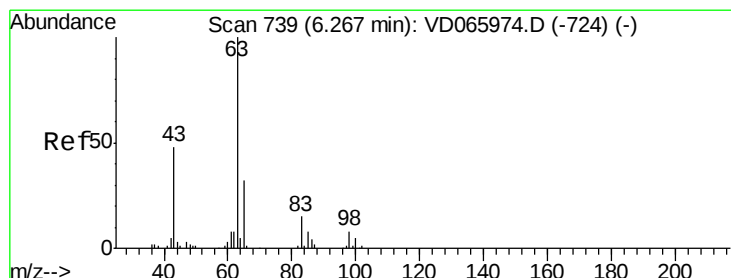
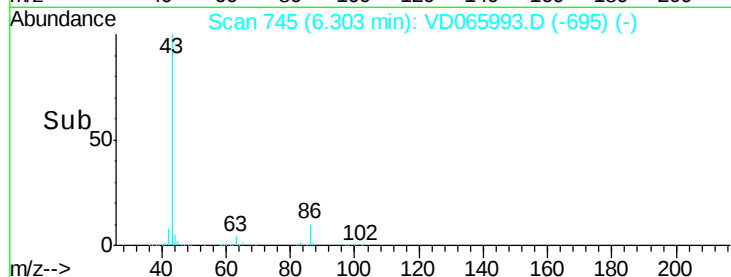
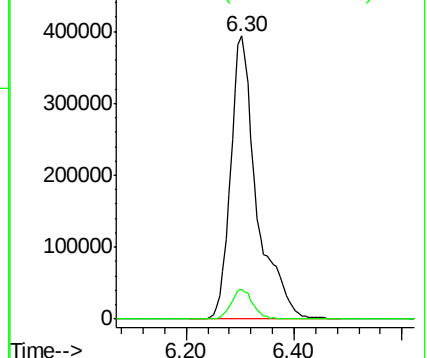
43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.032 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

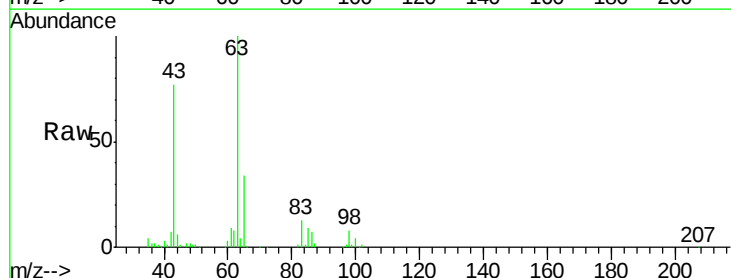
Tgt Ion: 63 Resp: 278112

Ion Ratio Lower Upper

63 100

98 7.6 4.3 12.8

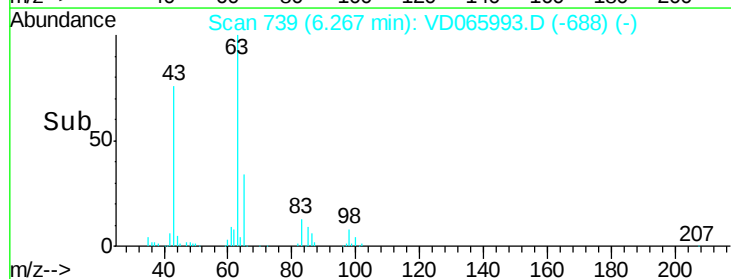
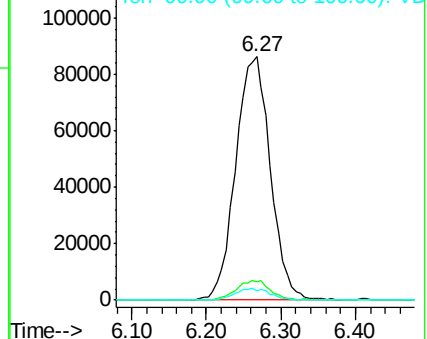
100 4.0 2.5 7.5

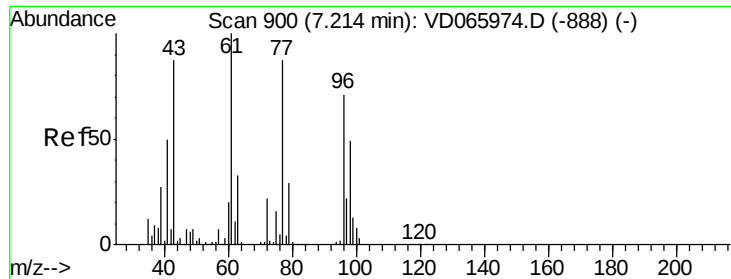


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

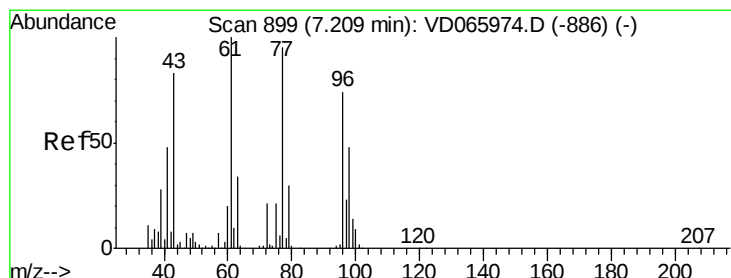
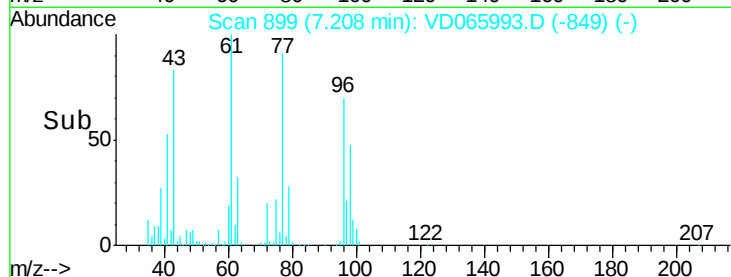
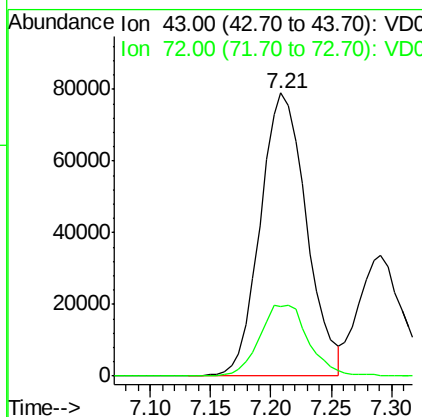
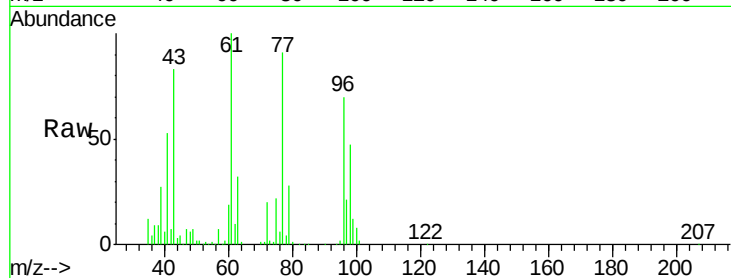




#25
2-Butanone
Concen: 256.618 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

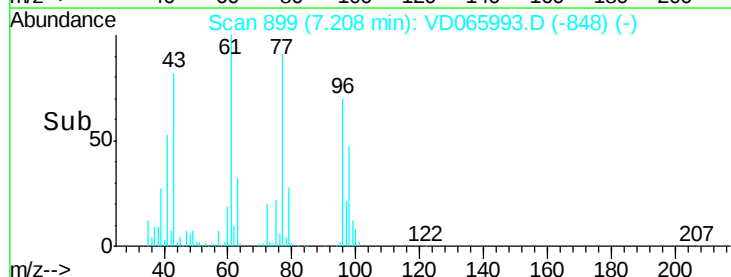
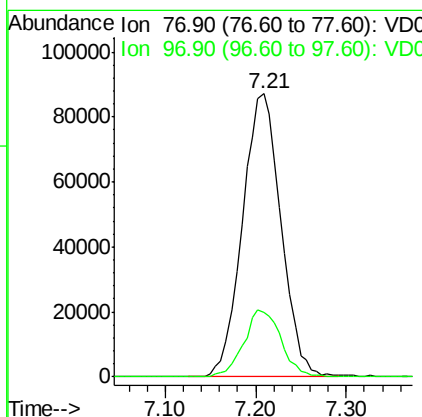
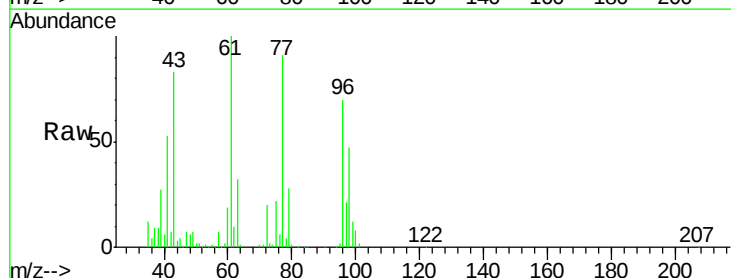
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

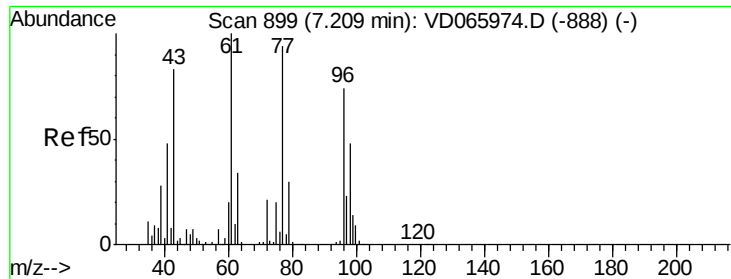
Tgt Ion: 43 Resp: 209539
Ion Ratio Lower Upper
43 100
72 24.6 20.2 30.2



#26
2,2-Dichloropropane
Concen: 51.415 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 77 Resp: 257008
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7



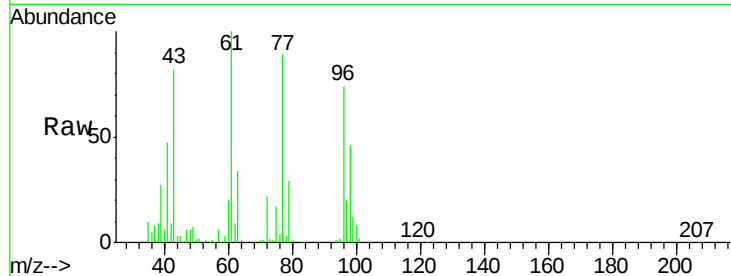


#27

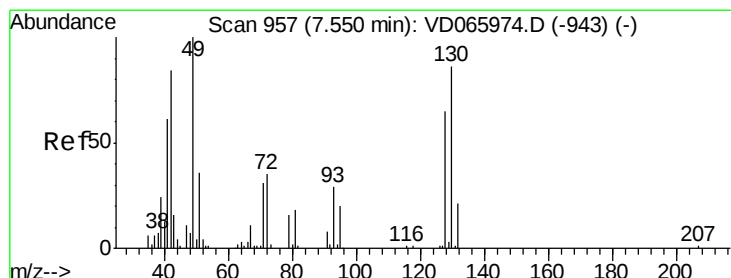
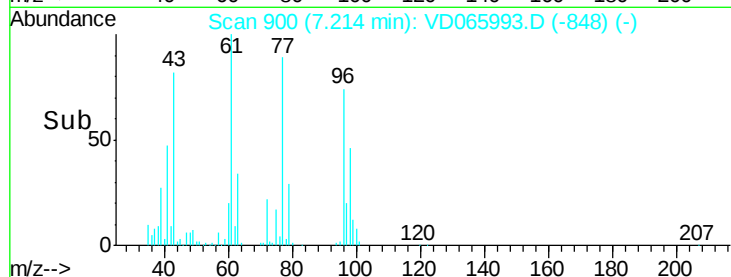
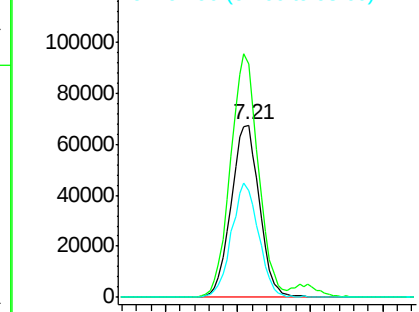
cis-1,2-Dichloroethene
 Concen: 49.493 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 182955
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 276.6
 98 63.8 0.0 130.8



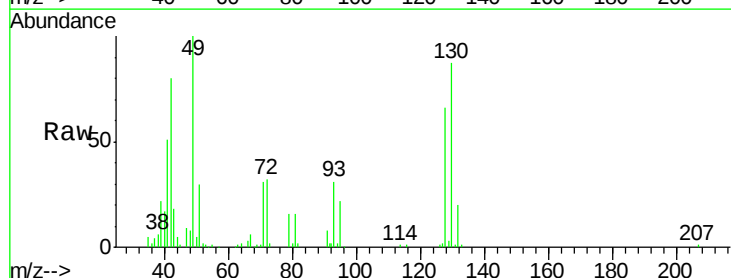
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



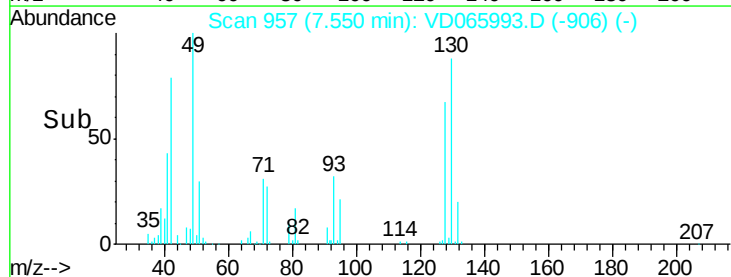
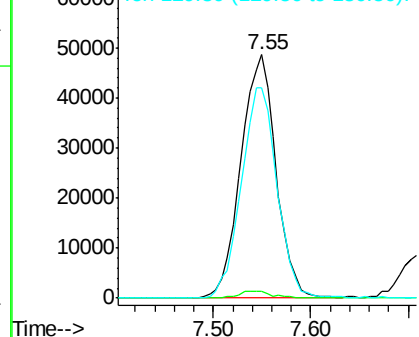
#28

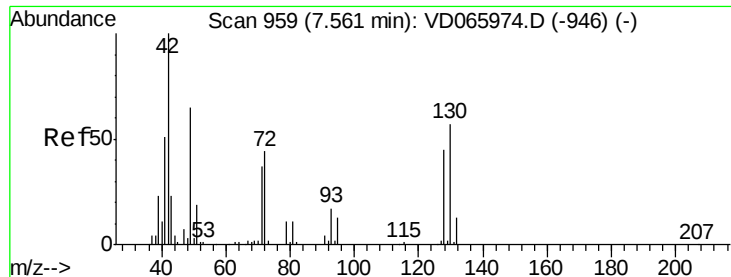
Bromochloromethane
 Concen: 52.035 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 49 Resp: 122763
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 87.8 68.4 102.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC

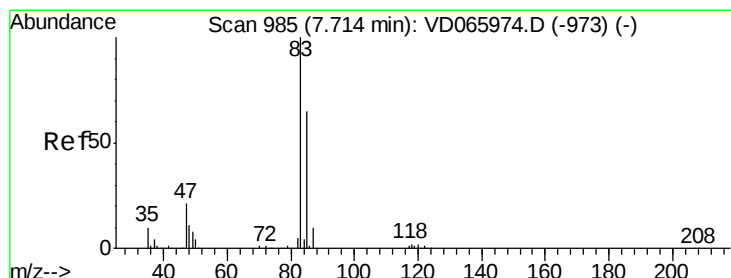
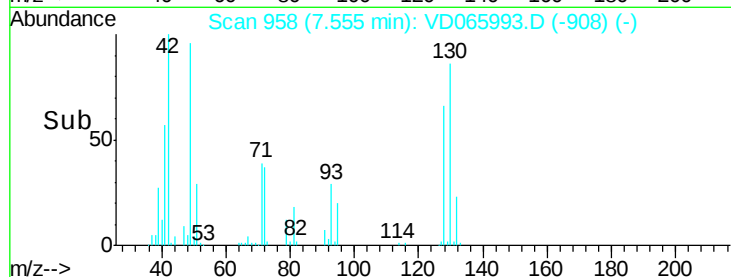
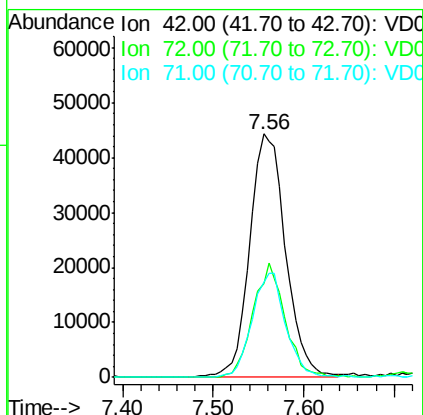
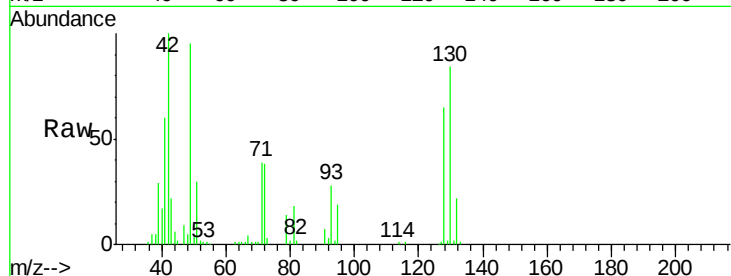




#29
Tetrahydrofuran
Concen: 241.717 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

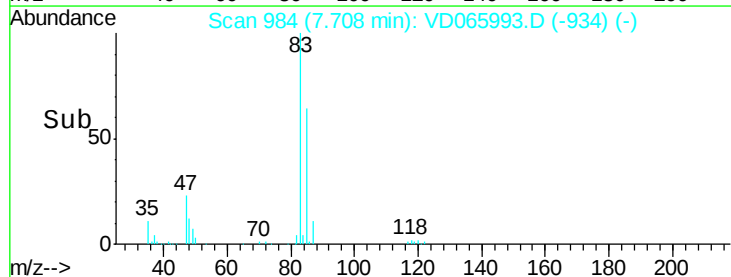
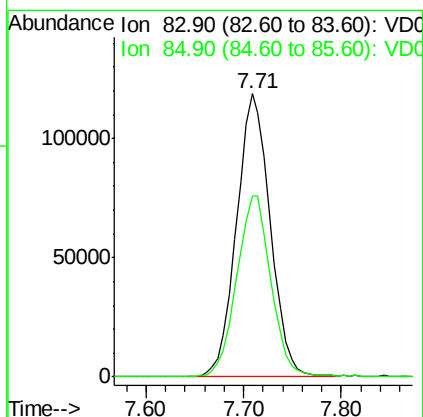
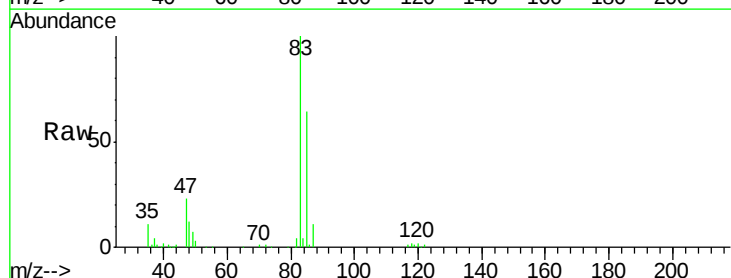
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

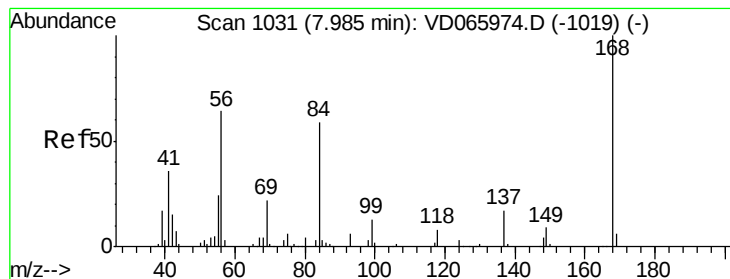
Tgt Ion: 42 Resp: 121779
Ion Ratio Lower Upper
42 100
72 41.9 34.2 51.2
71 40.2 31.4 47.2



#30
Chloroform
Concen: 49.235 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 83 Resp: 286280
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1





#31

Cyclohexane

Concen: 48.823 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

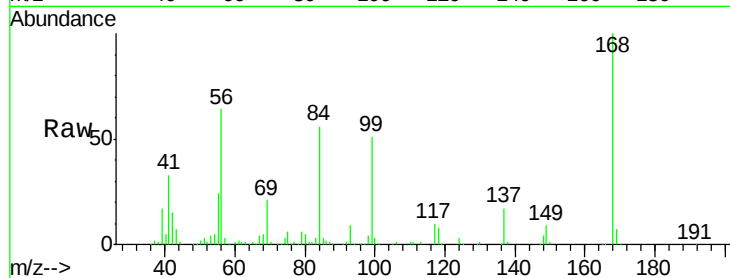
Tgt Ion: 56 Resp: 266998

Ion Ratio Lower Upper

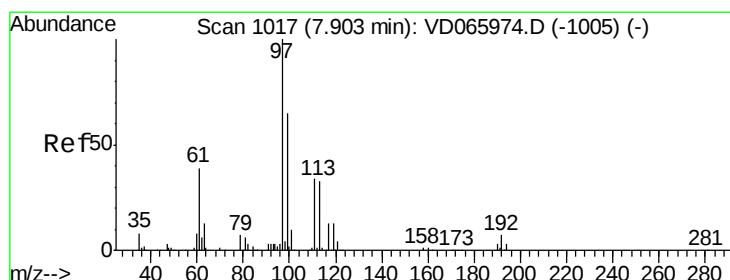
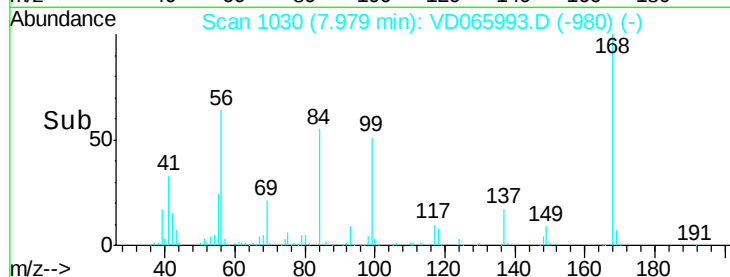
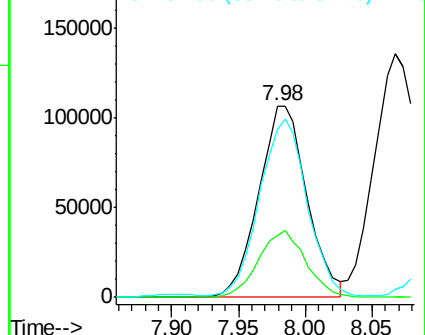
56 100

69 32.5 28.0 42.0

84 86.5 72.6 109.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 49.606 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

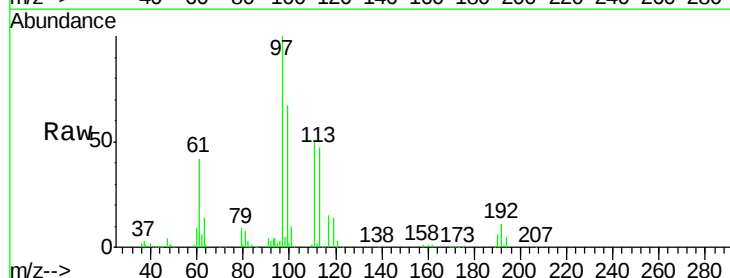
Tgt Ion: 97 Resp: 266801

Ion Ratio Lower Upper

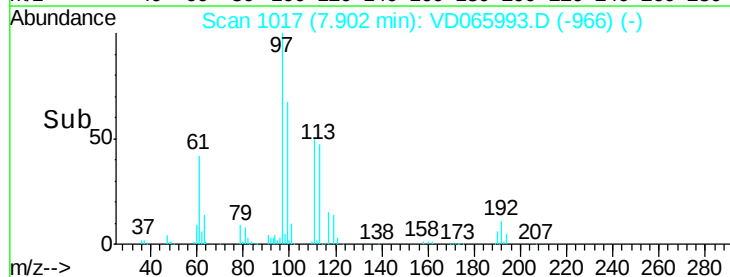
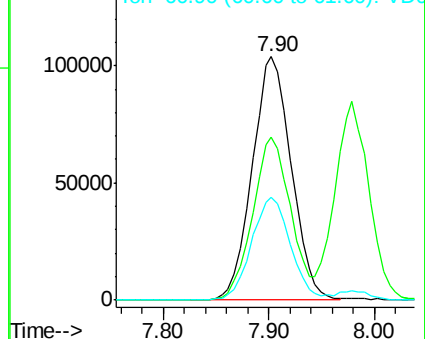
97 100

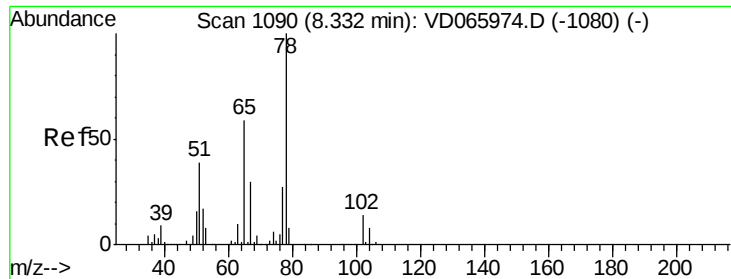
99 65.8 51.8 77.6

61 41.8 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

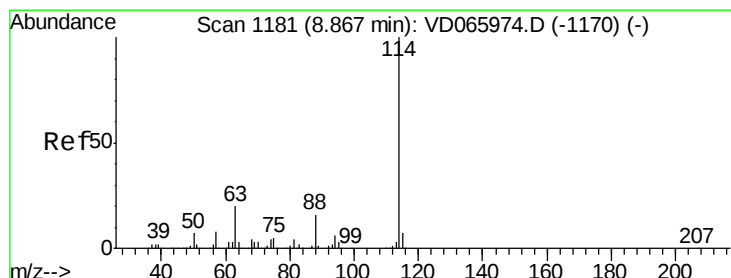
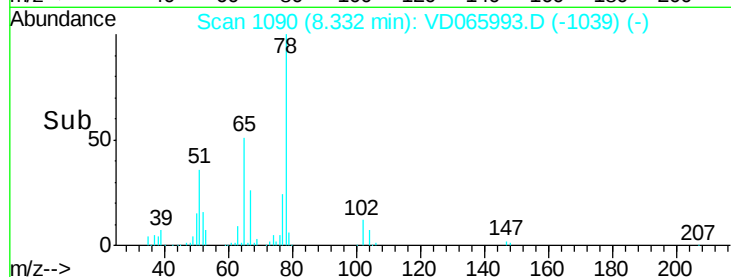
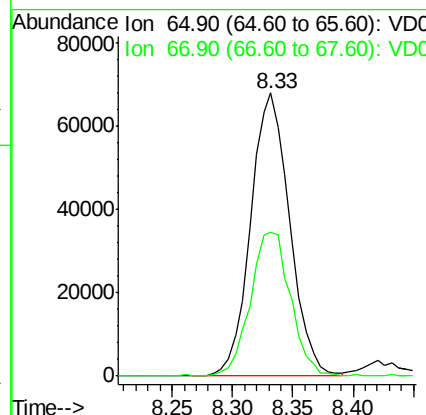
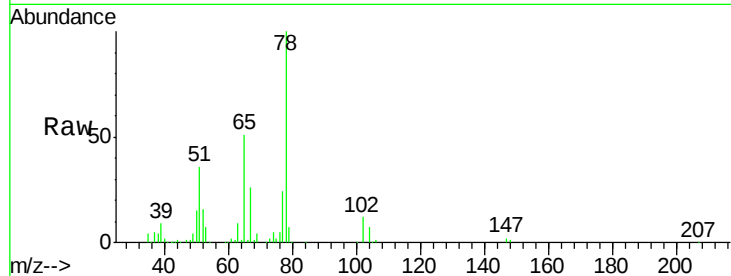




#33
 1,2-Dichloroethane-d4
 Concen: 50.334 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

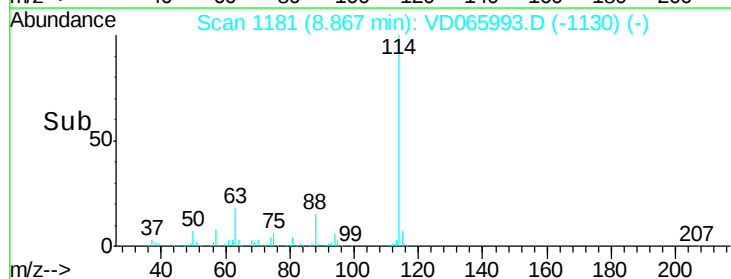
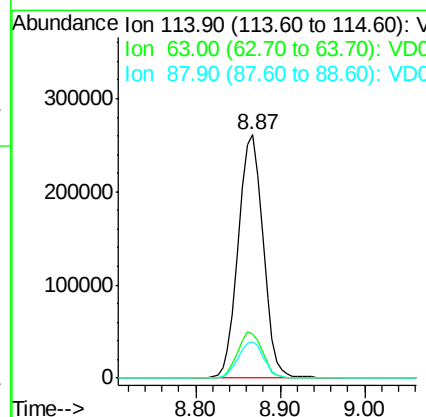
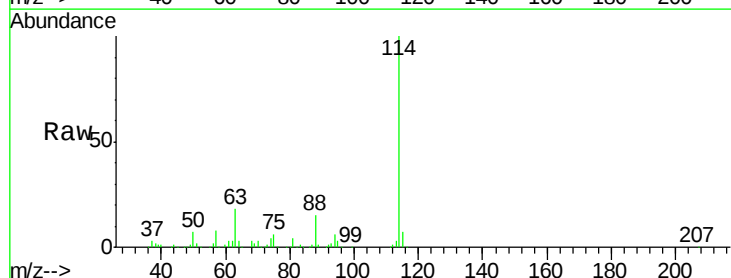
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

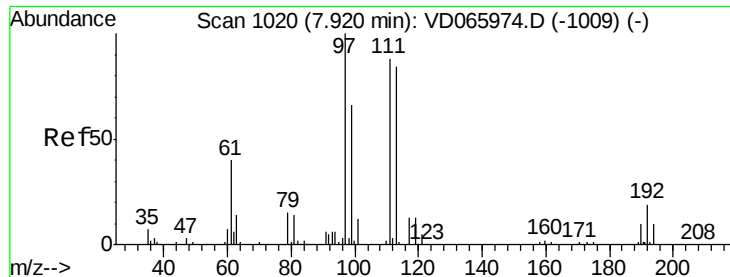
Tgt Ion: 65 Resp: 153023
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 114 Resp: 531565
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.6
 88 14.8 0.0 31.2

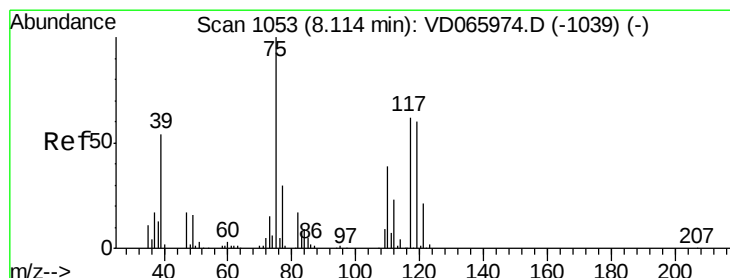
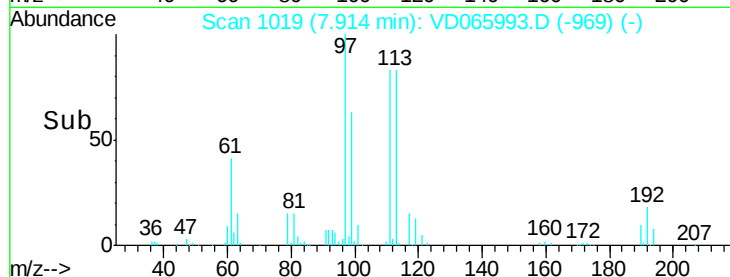
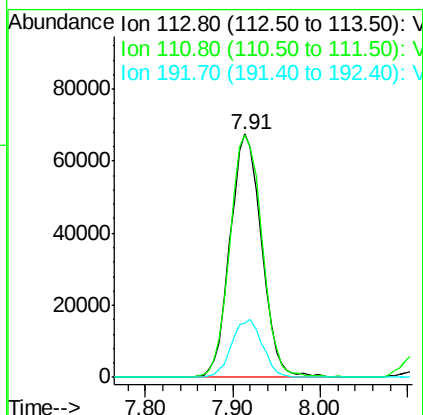
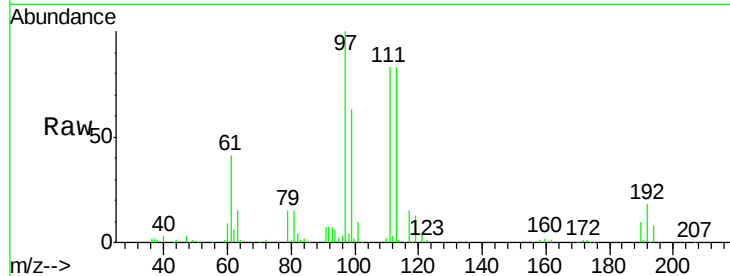




#35
 Dibromofluoromethane
 Concen: 51.250 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

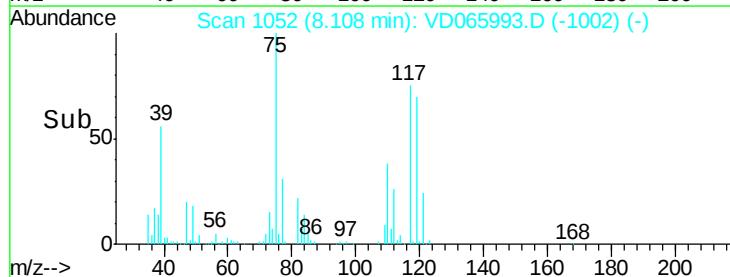
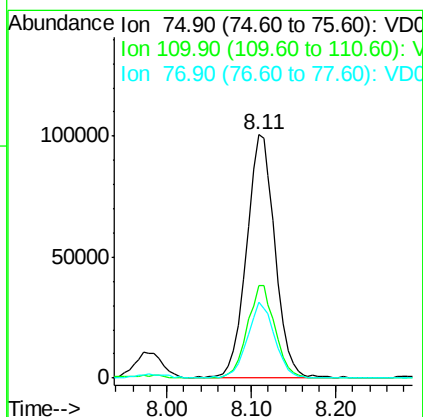
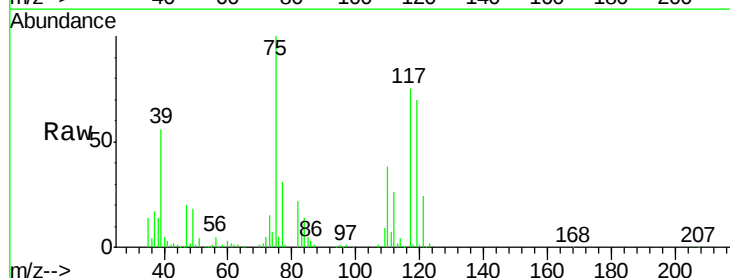
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

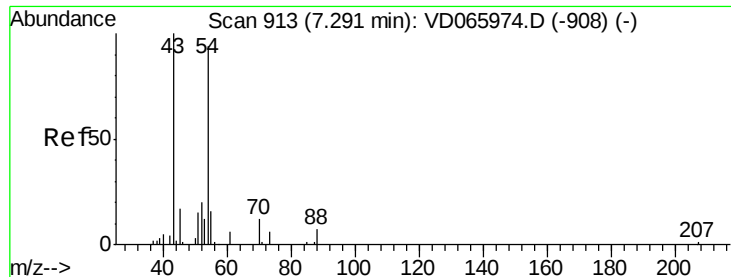
Tgt Ion:113 Resp: 165235
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 51.705 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 75 Resp: 234568
 Ion Ratio Lower Upper
 75 100
 110 37.2 19.5 58.5
 77 30.0 24.7 37.1

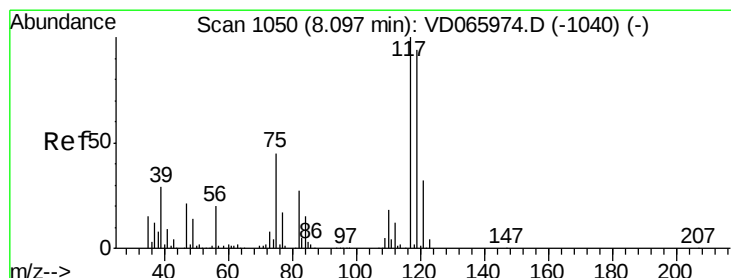
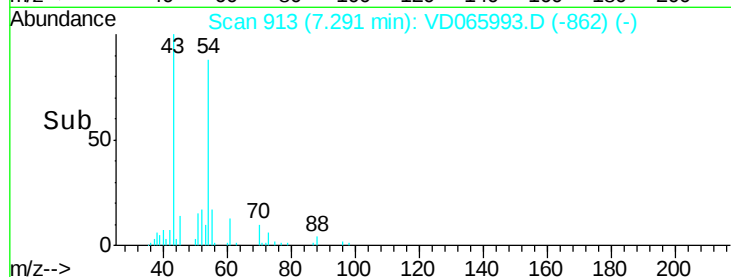
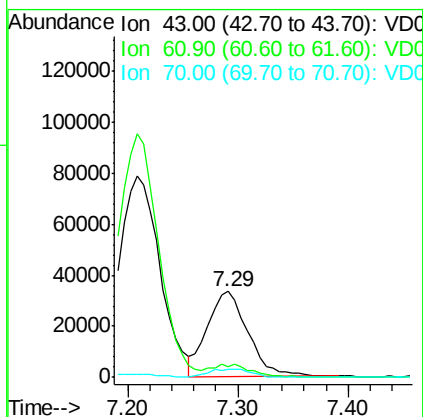
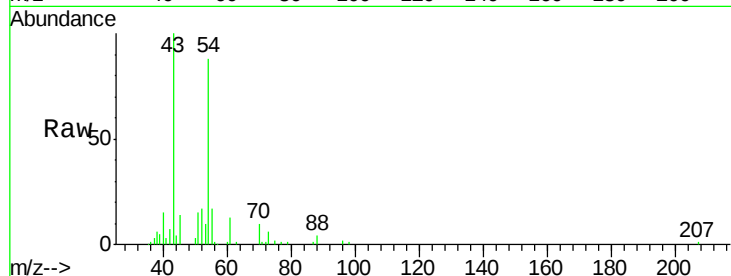




#37
Ethyl Acetate
Concen: 49.353 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

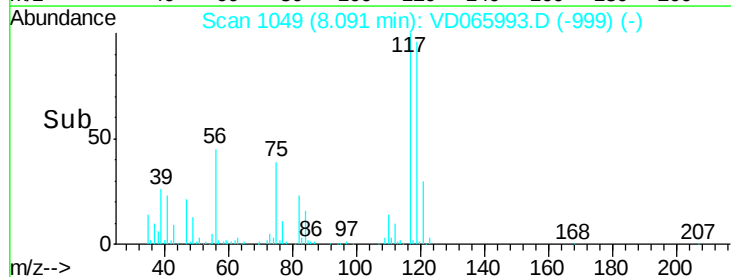
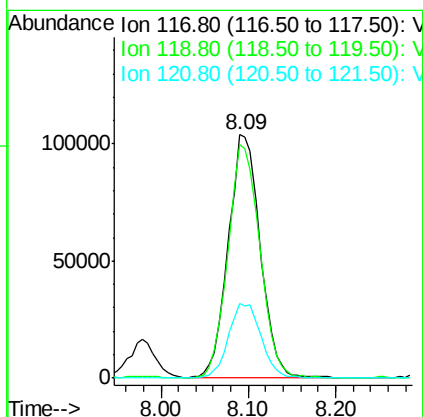
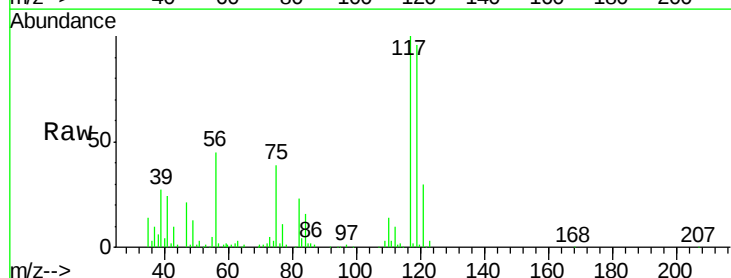
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

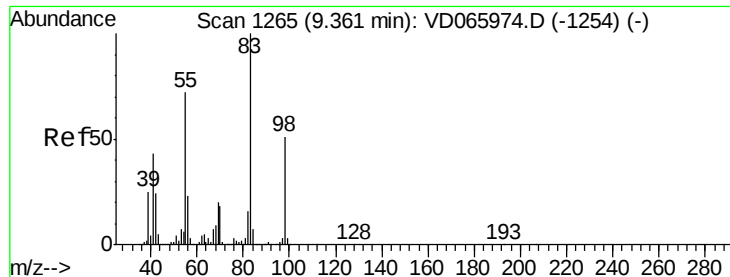
Tgt Ion: 43 Resp: 85506
Ion Ratio Lower Upper
43 100
61 13.3 11.4 17.0
70 10.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.562 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 117 Resp: 258735
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 30.4 25.5 38.3

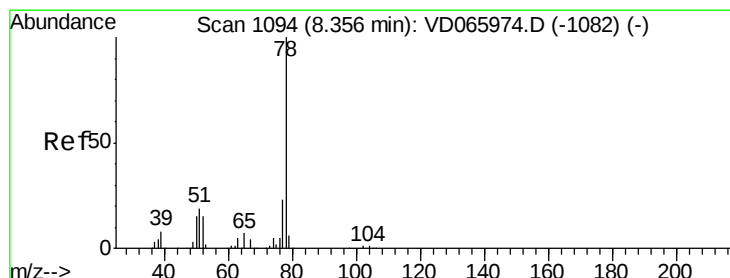
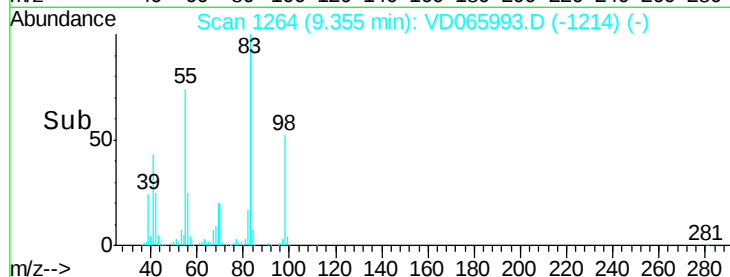
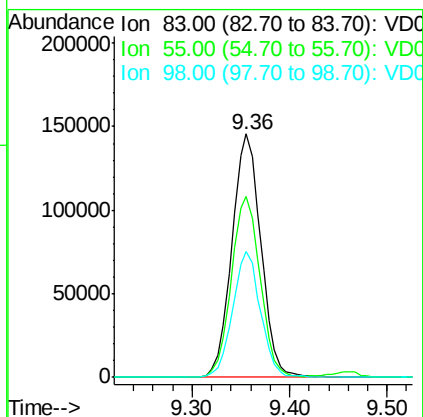
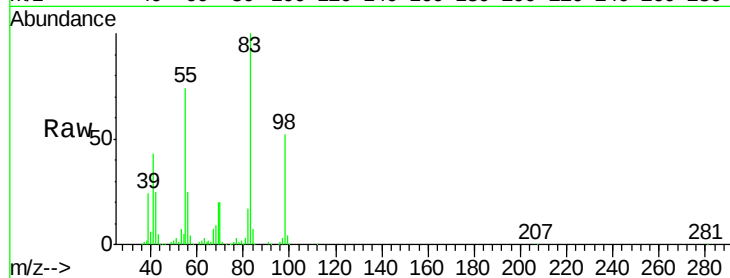




#39
Methylcyclohexane
Concen: 54.784 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

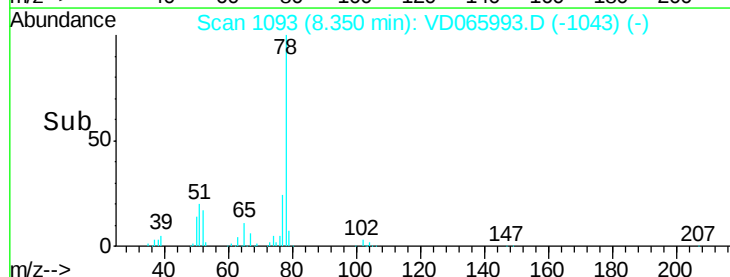
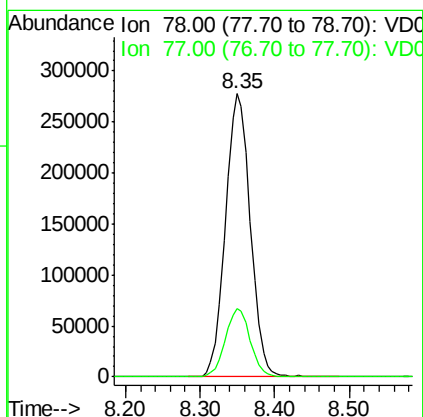
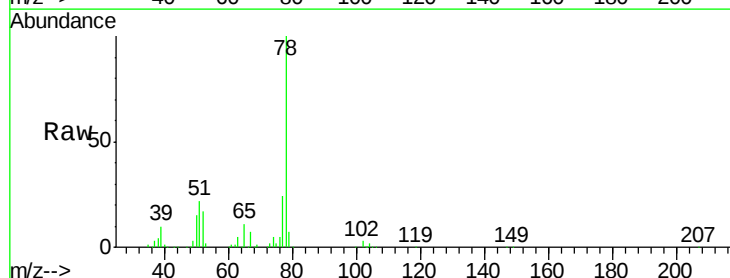
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

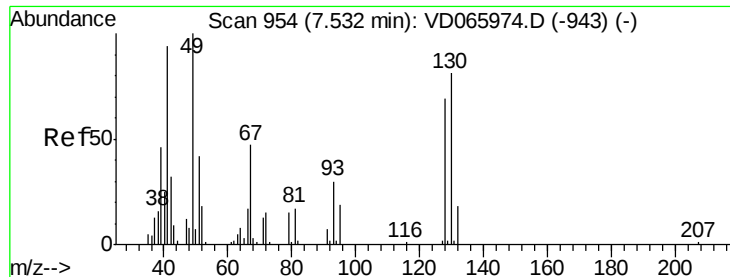
Tgt Ion: 83 Resp: 300978
Ion Ratio Lower Upper
83 100
55 74.2 57.3 85.9
98 51.6 41.0 61.6



#40
Benzene
Concen: 50.764 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 78 Resp: 644291
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41

Methacrylonitrile

Concen: 46.292 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 45945

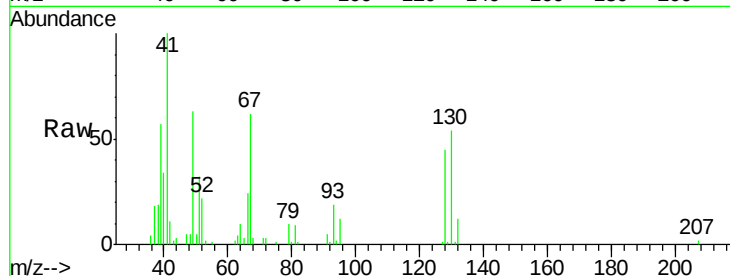
Ion Ratio Lower Upper

41 100

39 55.9 0.0 0.0#

67 80.8 0.0 0.0#

52 34.4 0.0 0.0#

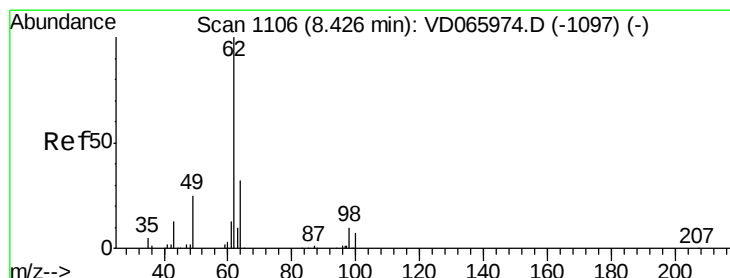
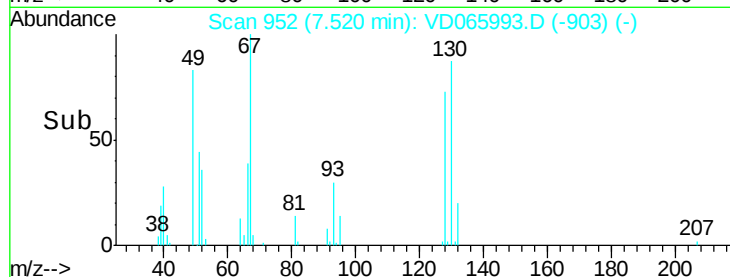
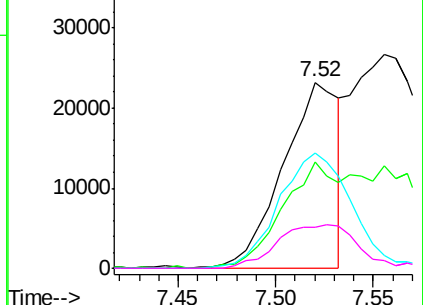


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 49.871 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065993.D

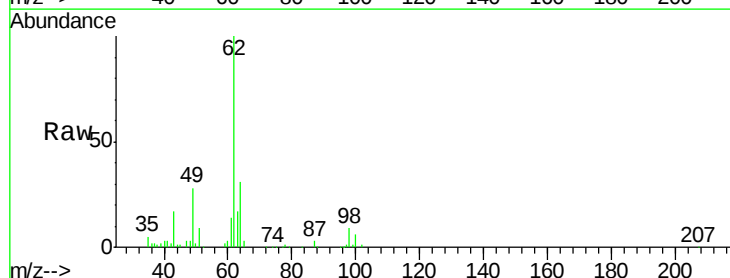
Acq: 22 Jul 2020 10:02

Tgt Ion: 62 Resp: 173448

Ion Ratio Lower Upper

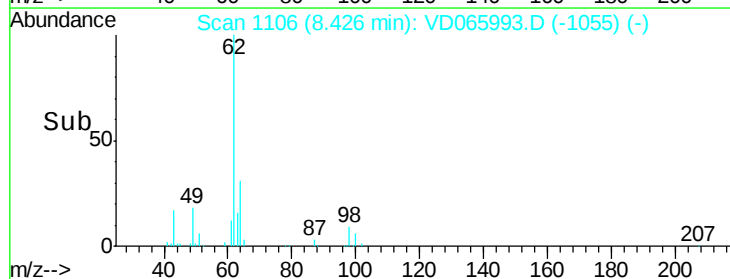
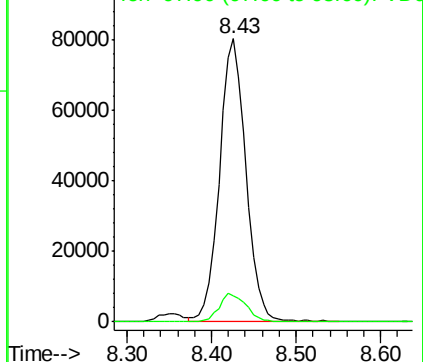
62 100

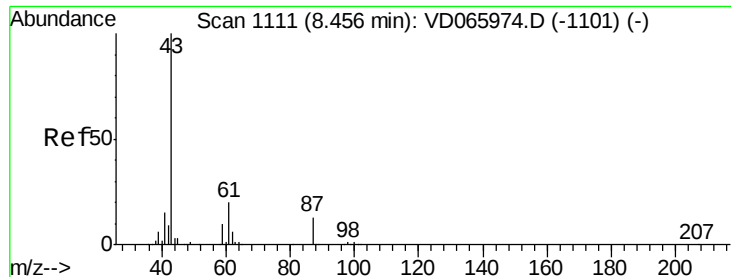
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.093 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

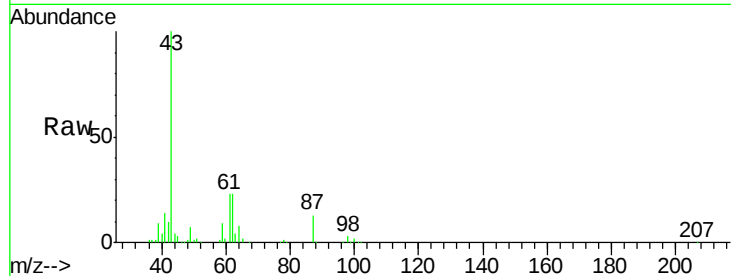
Tgt Ion: 43 Resp: 166126

Ion Ratio Lower Upper

43 100

61 32.1 25.8 38.8

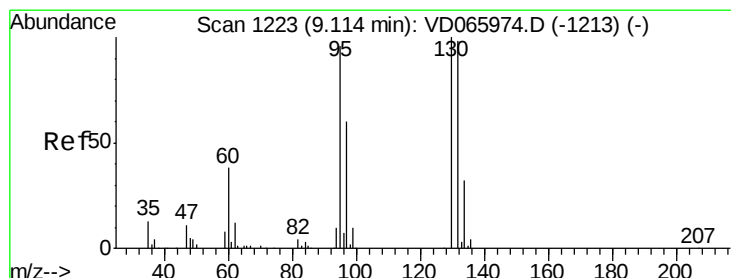
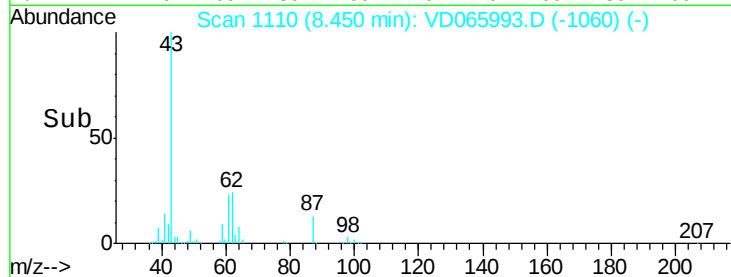
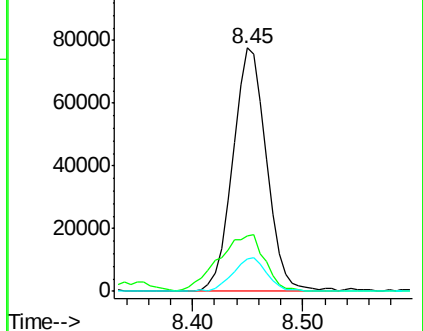
87 13.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.817 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065993.D

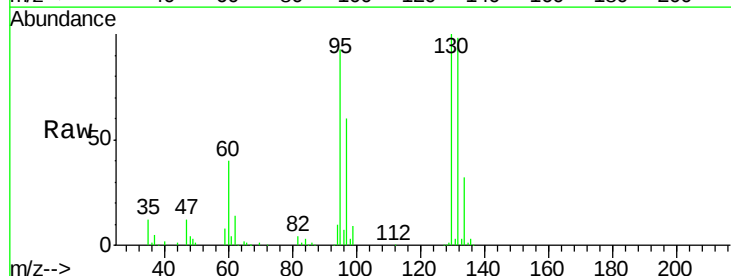
Acq: 22 Jul 2020 10:02

Tgt Ion: 130 Resp: 191336

Ion Ratio Lower Upper

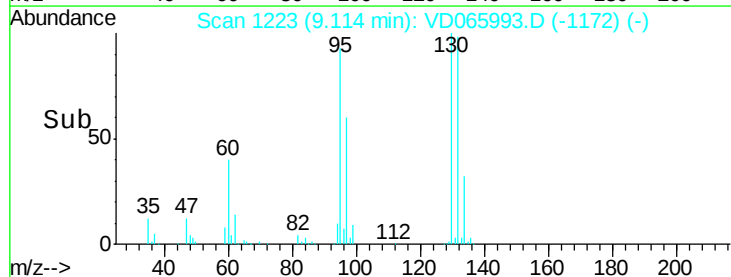
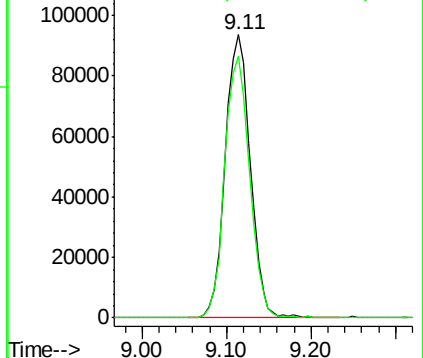
130 100

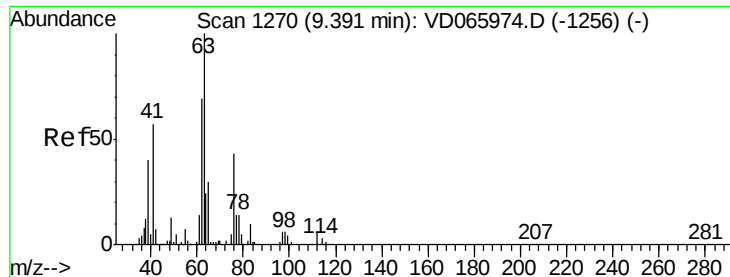
95 92.5 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.562 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

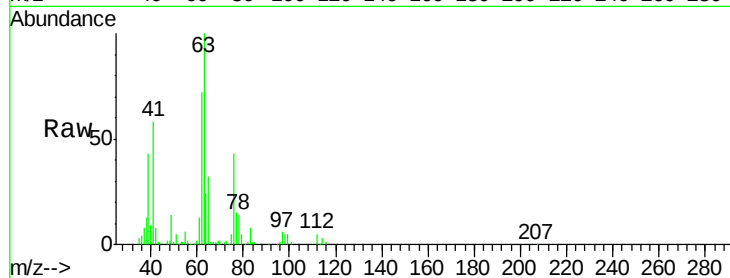
VSTDCCC050

Tgt Ion: 63 Resp: 155423

Ion Ratio Lower Upper

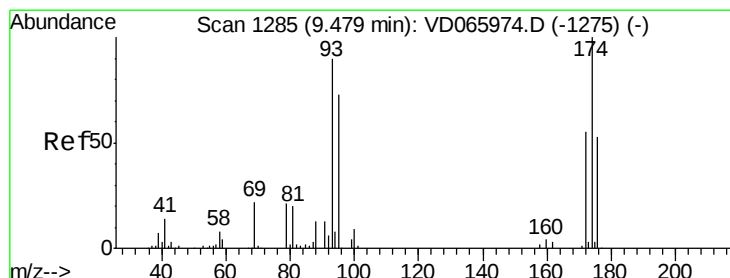
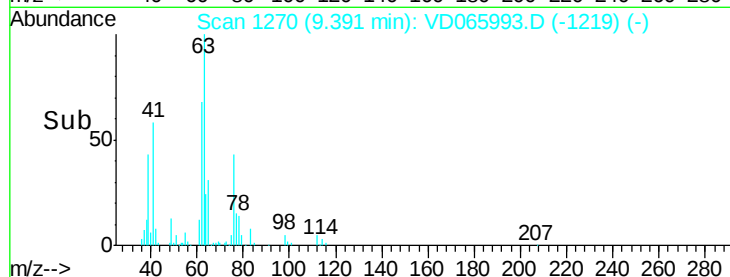
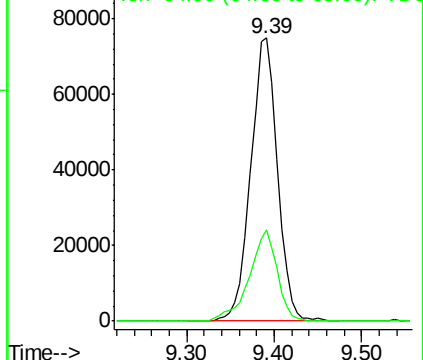
63 100

65 32.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.408 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

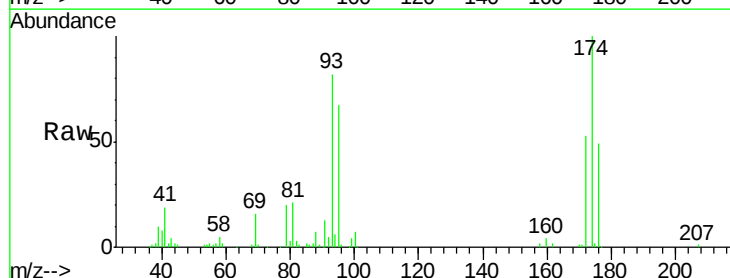
Tgt Ion: 93 Resp: 81759

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

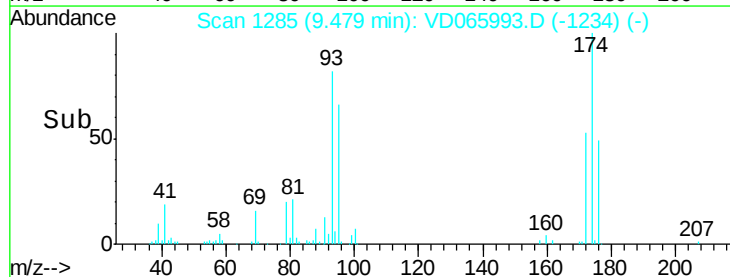
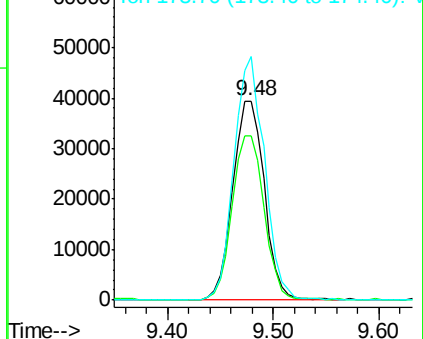
174 118.1 91.5 137.3

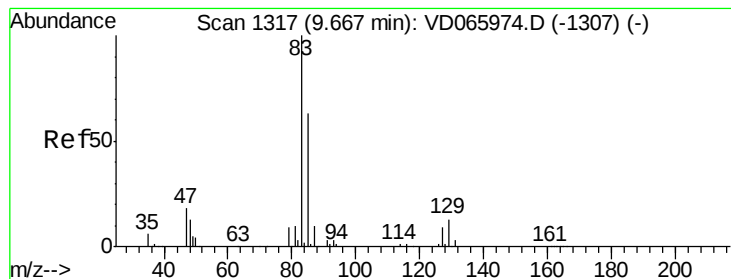


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.865 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

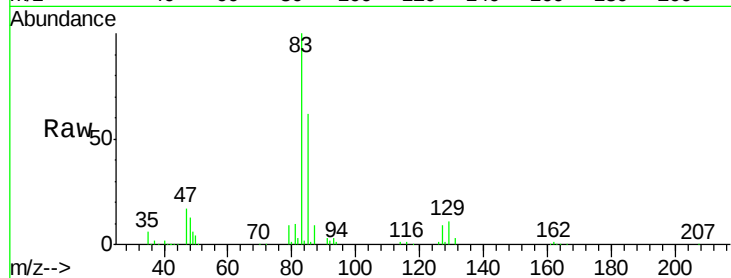
Tgt Ion: 83 Resp: 222556

Ion Ratio Lower Upper

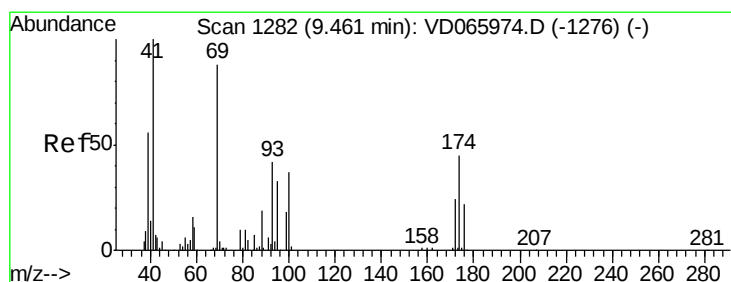
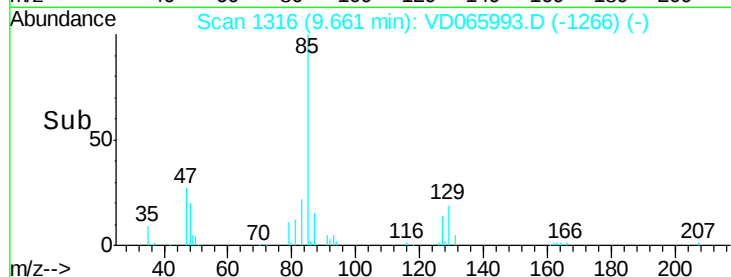
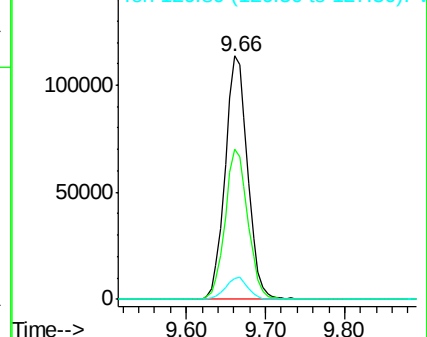
83 100

85 61.9 50.6 75.8

127 8.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.372 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

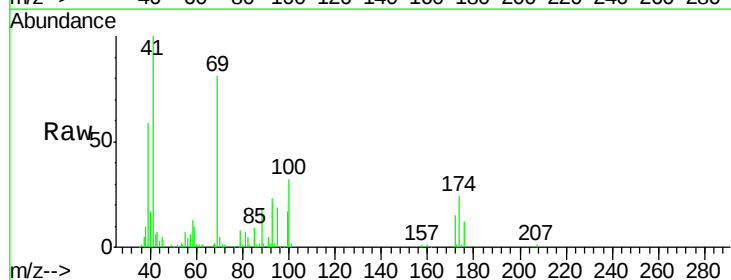
Tgt Ion: 41 Resp: 89396

Ion Ratio Lower Upper

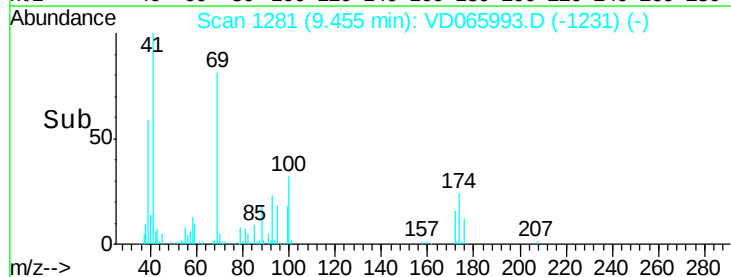
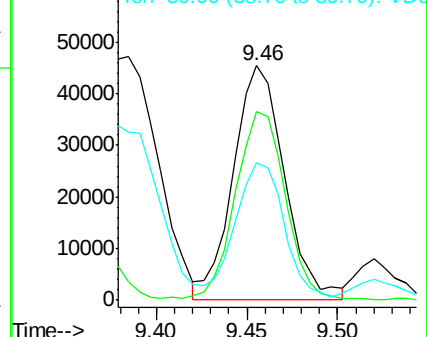
41 100

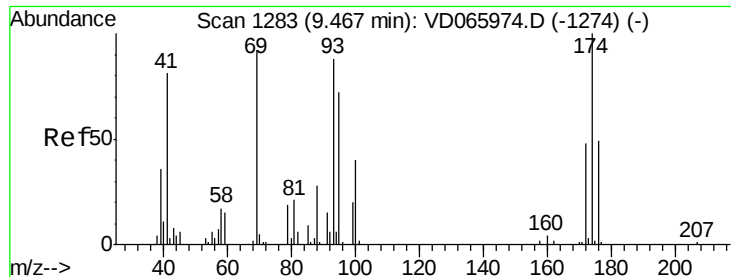
69 77.7 65.1 97.7

39 53.2 41.5 62.3



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

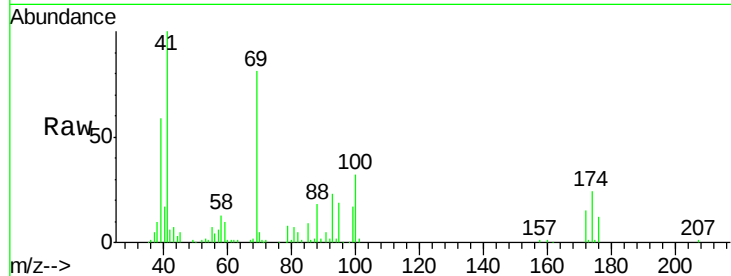




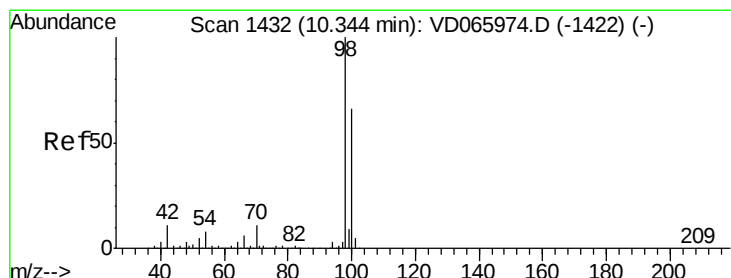
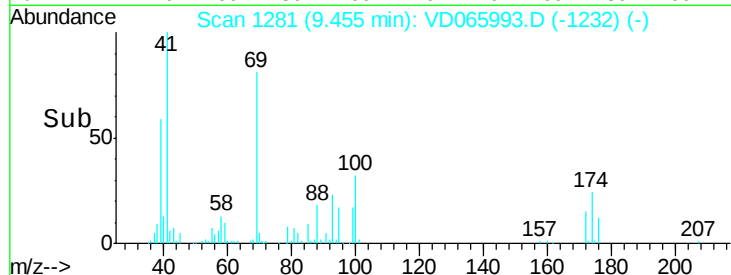
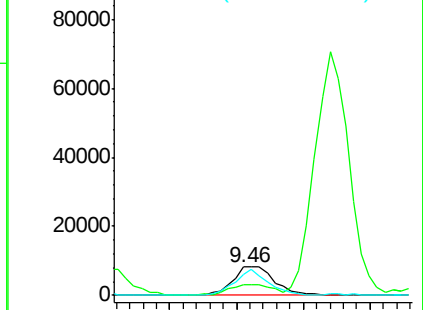
#49
 1,4-Dioxane
 Concen: 931.228 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 17853
 Ion Ratio Lower Upper
 88 100
 43 40.5 29.0 43.6
 58 75.2 57.0 85.4

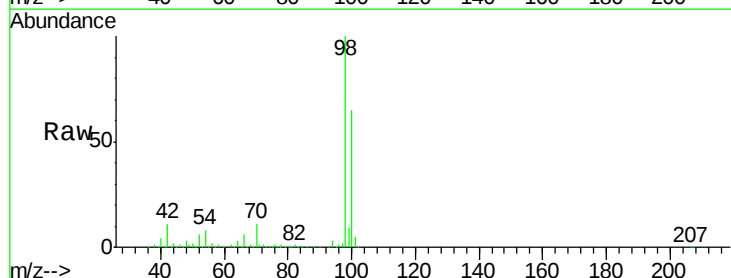


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

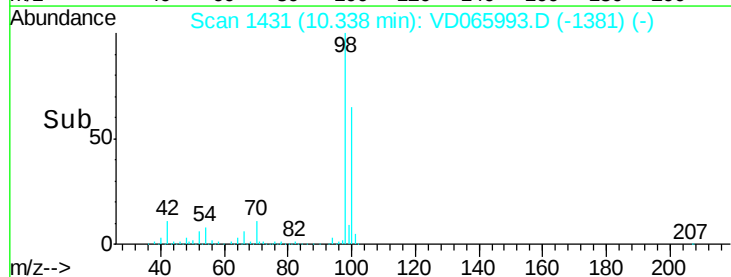
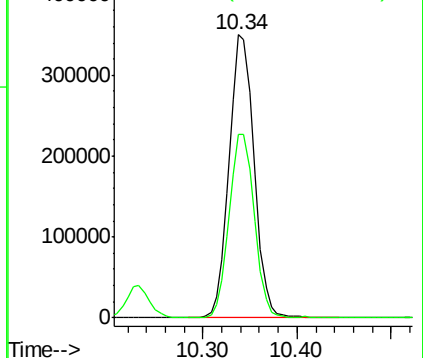


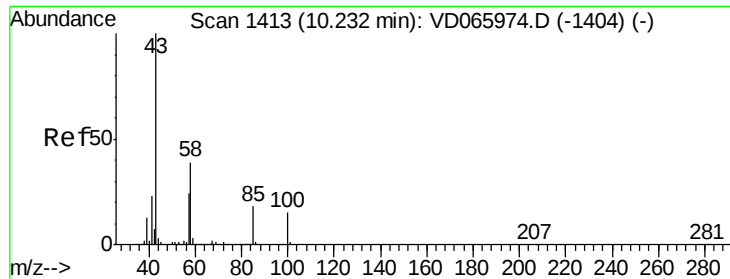
#50
 Toluene-d8
 Concen: 54.025 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 98 Resp: 648881
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

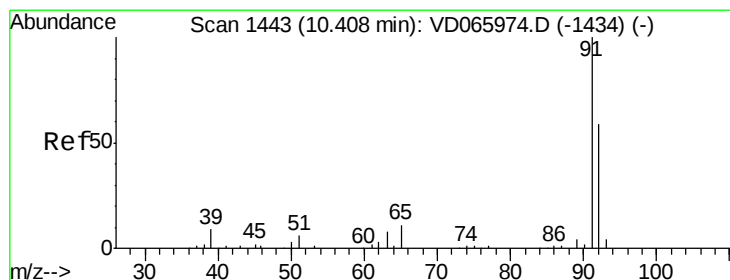
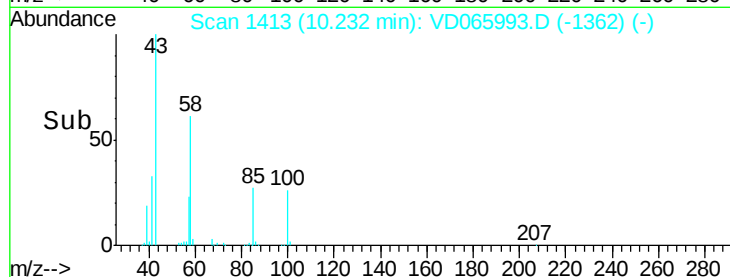
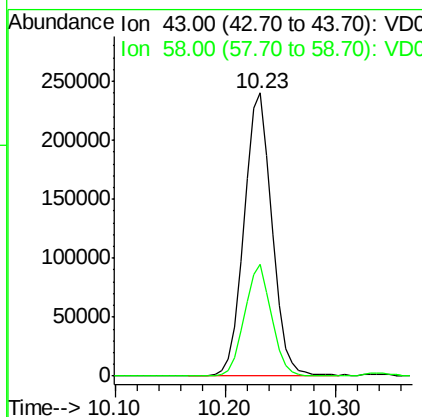
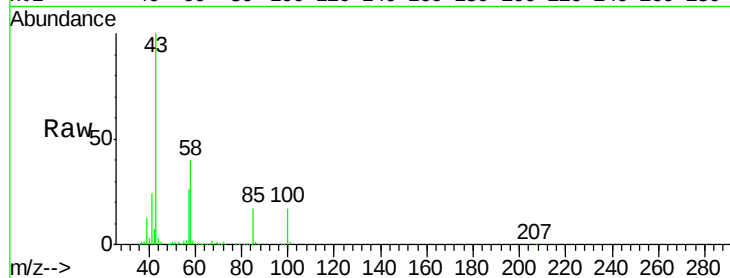




#51
 4-Methyl-2-Pentanone
 Concen: 250.474 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

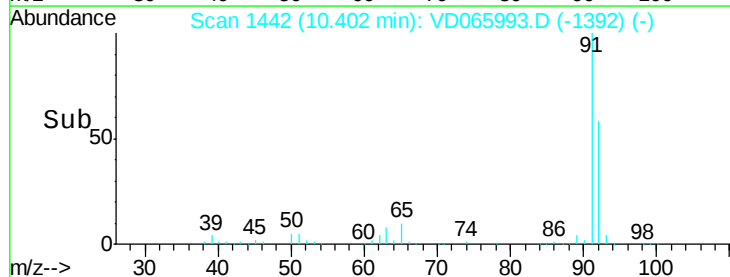
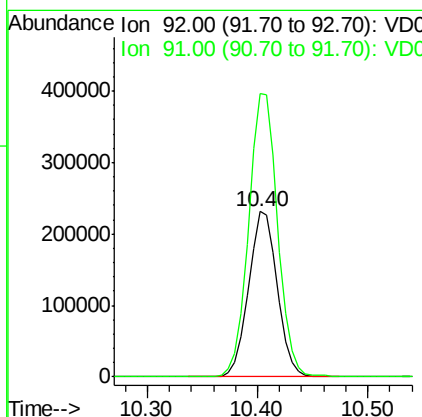
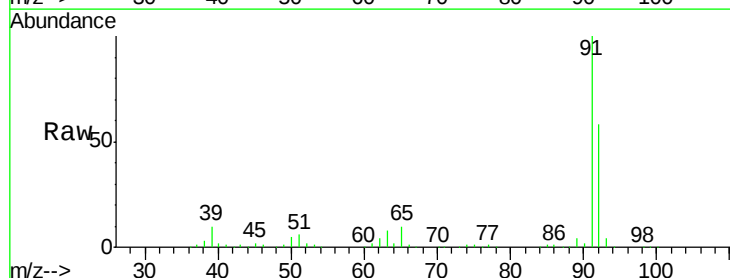
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

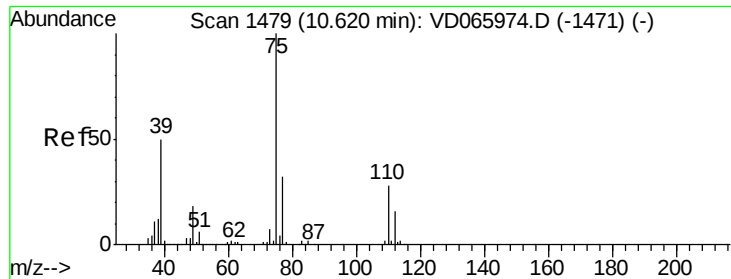
Tgt Ion: 43 Resp: 427059
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.3 46.9



#52
 Toluene
 Concen: 51.317 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 92 Resp: 424748
 Ion Ratio Lower Upper
 92 100
 91 172.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 50.945 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

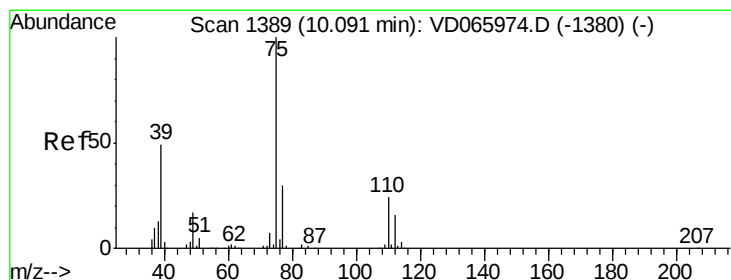
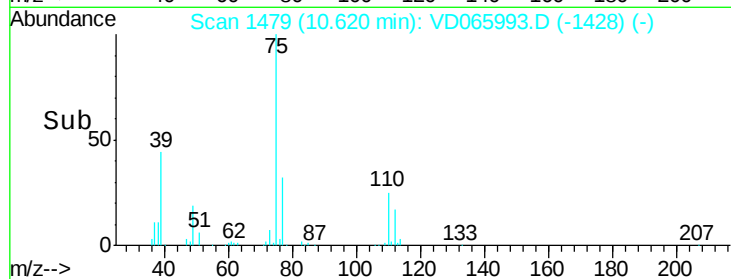
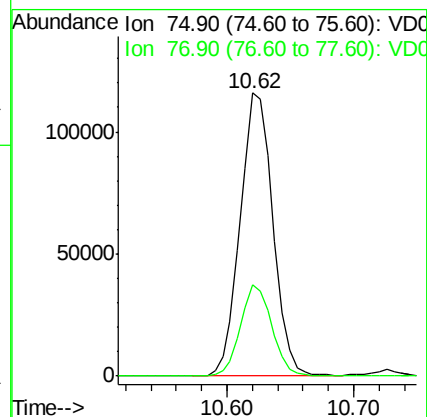
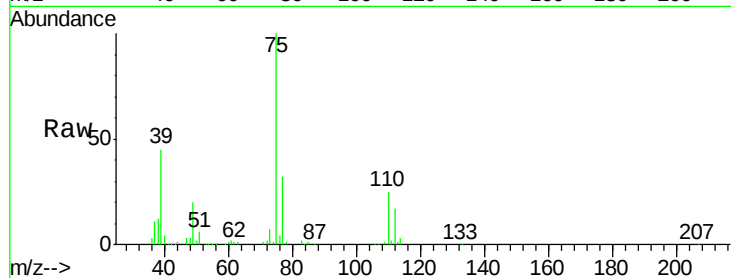
VSTDCCC050

Tgt Ion: 75 Resp: 207668

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 50.579 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

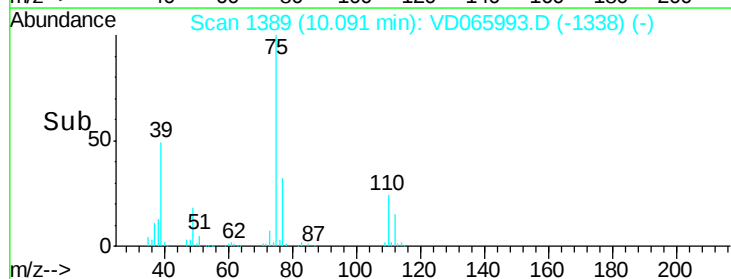
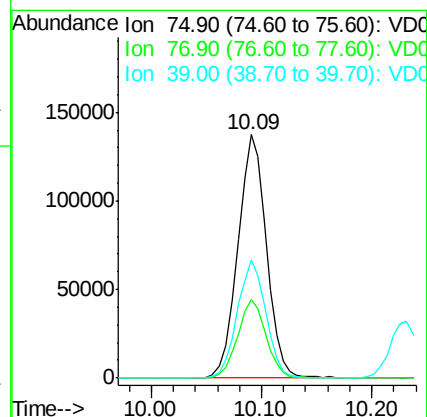
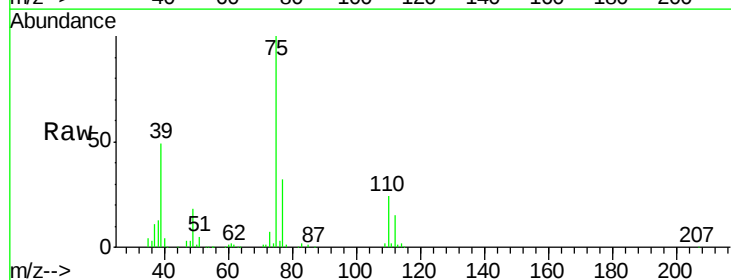
Tgt Ion: 75 Resp: 249923

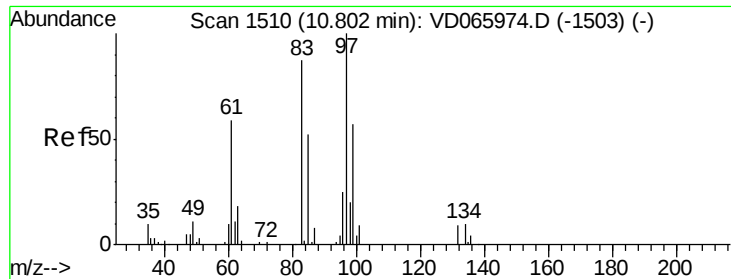
Ion Ratio Lower Upper

75 100

77 32.0 23.8 35.8

39 48.5 38.8 58.2

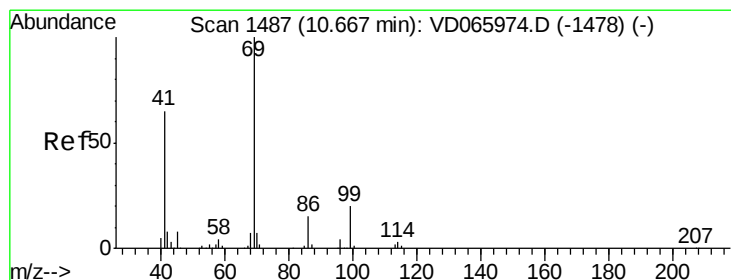
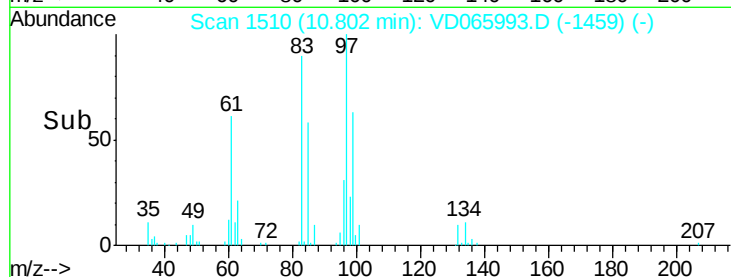
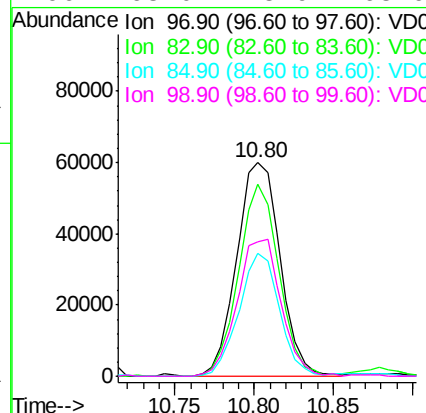
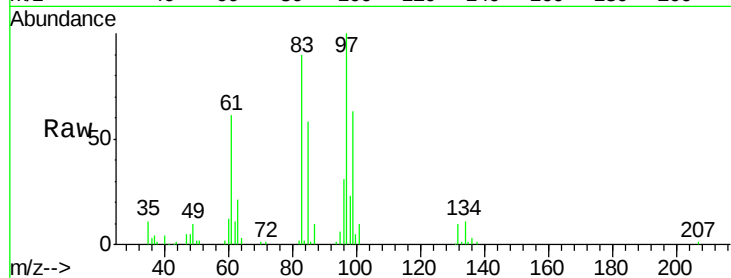




#55
 1,1,2-Trichloroethane
 Concen: 48.639 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

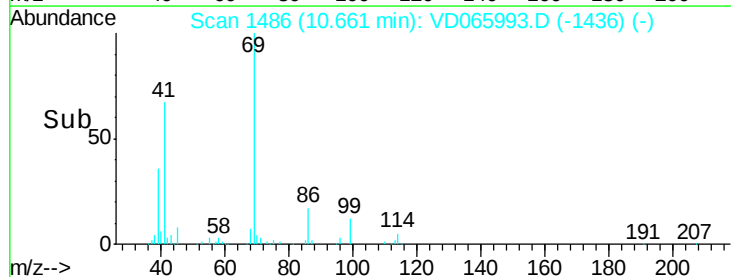
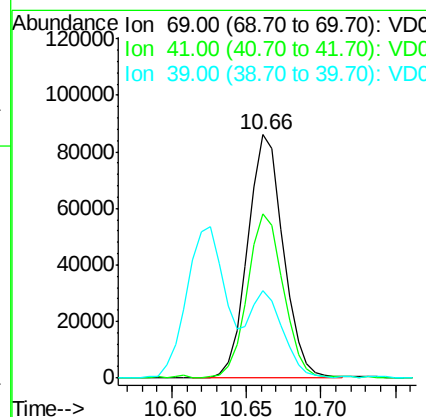
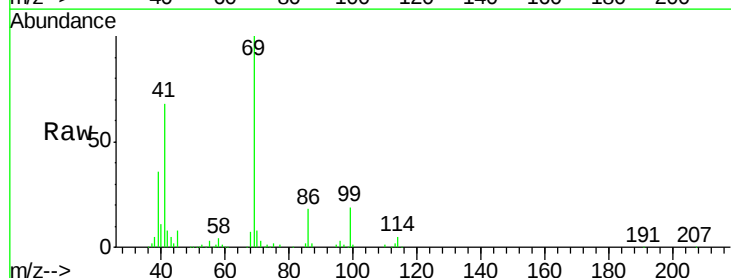
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

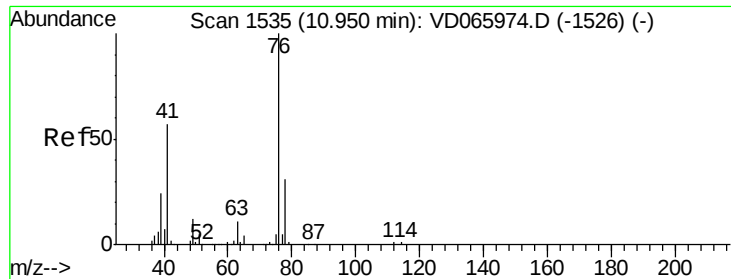
Tgt Ion: 97 Resp: 114151
 Ion Ratio Lower Upper
 97 100
 83 89.5 69.7 104.5
 85 57.7 41.6 62.4
 99 63.0 45.9 68.9



#56
 Ethyl methacrylate
 Concen: 51.940 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 69 Resp: 141723
 Ion Ratio Lower Upper
 69 100
 41 67.5 52.3 78.5
 39 34.5 25.2 37.8

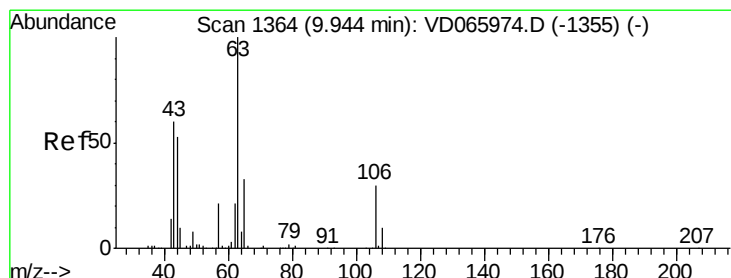
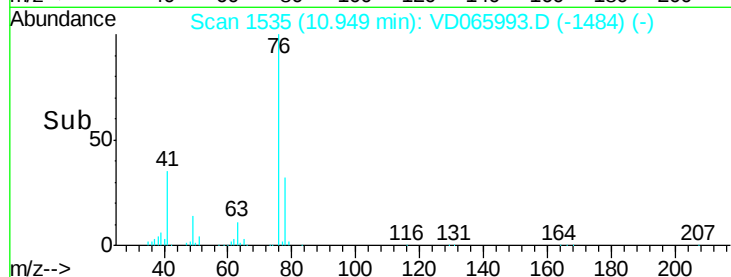
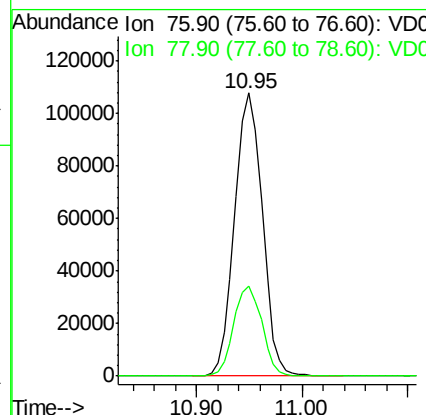
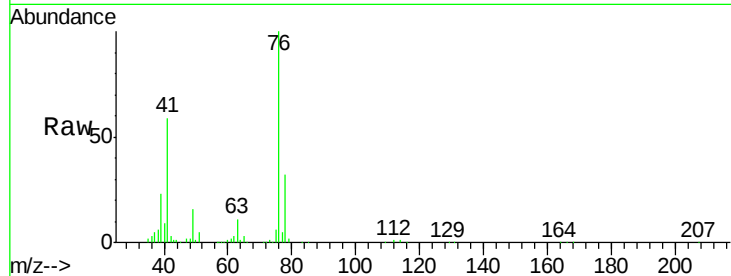




#57
 1,3-Dichloropropane
 Concen: 50.536 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

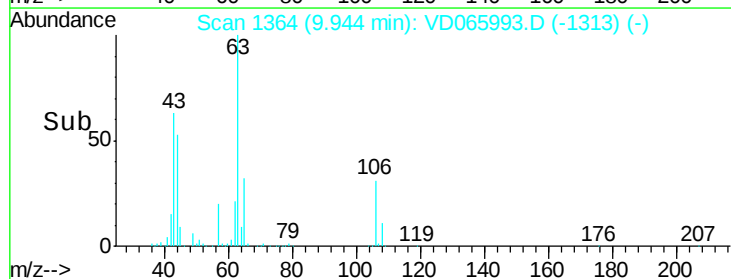
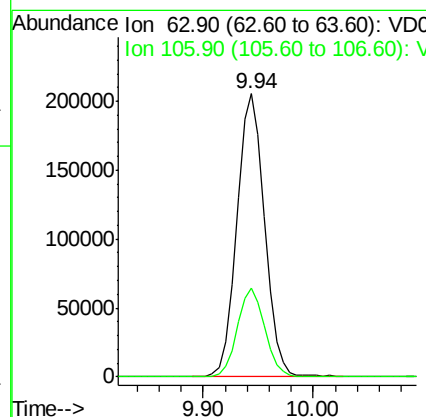
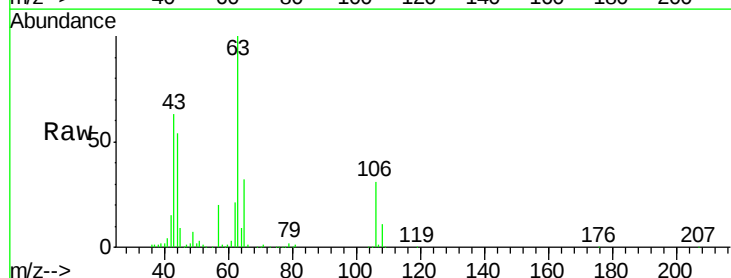
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

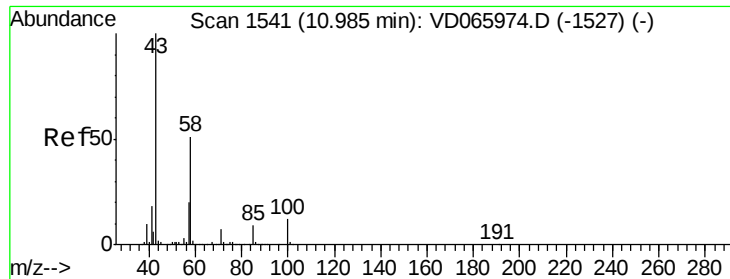
Tgt Ion: 76 Resp: 196340
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.850 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 63 Resp: 362170
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.4 36.6

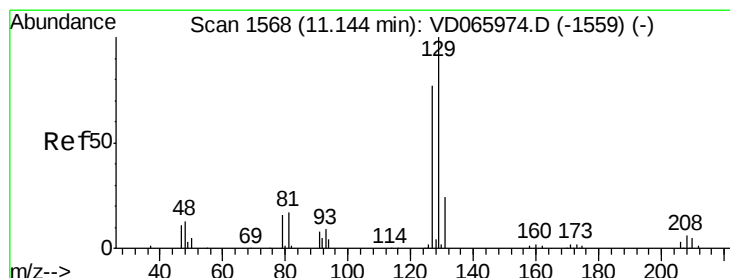
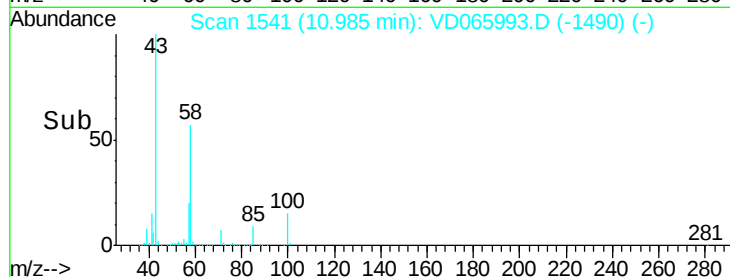
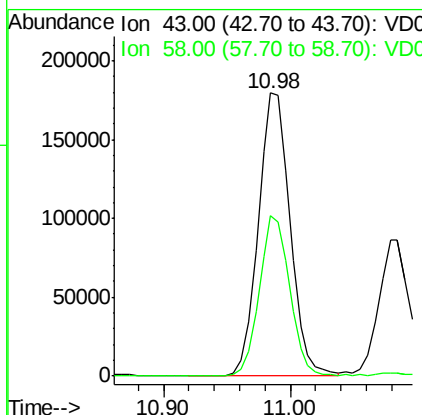
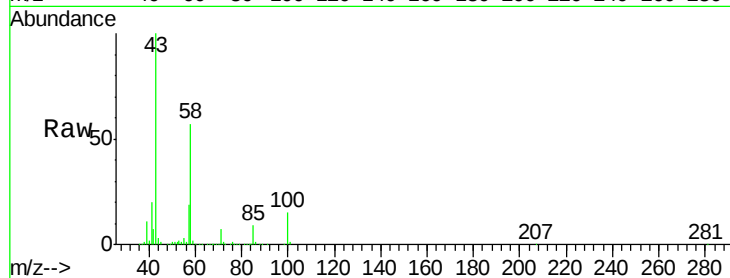




#59
2-Hexanone
Concen: 265.481 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

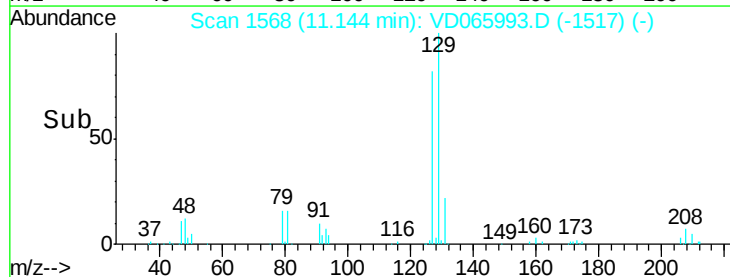
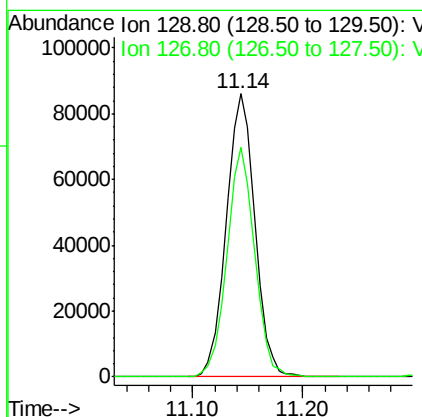
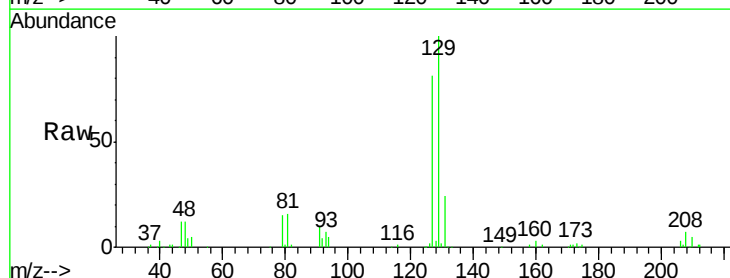
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

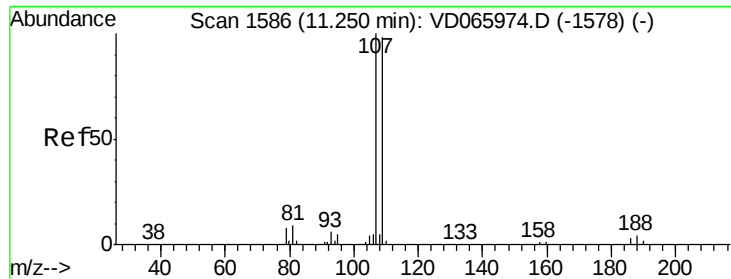
Tgt Ion: 43 Resp: 313678
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.6



#60
Dibromochloromethane
Concen: 49.489 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 129 Resp: 156600
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7

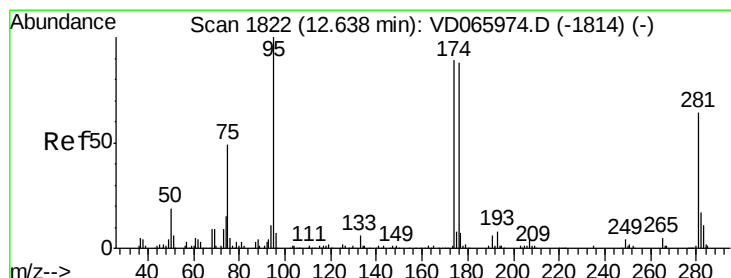
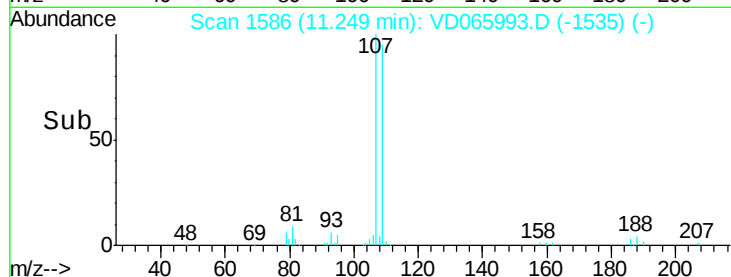
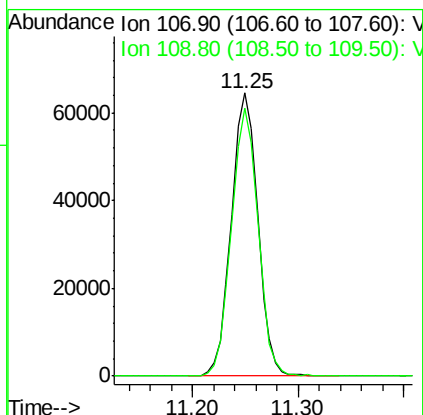
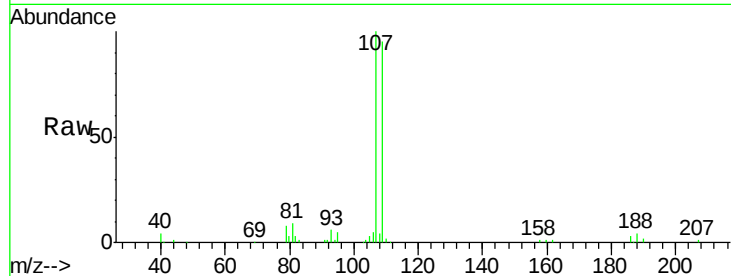




#61
 1,2-Dibromoethane
 Concen: 49.634 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

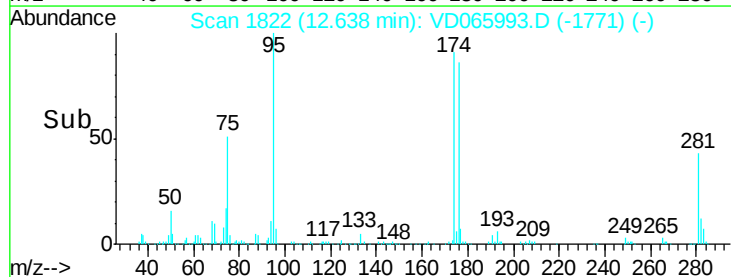
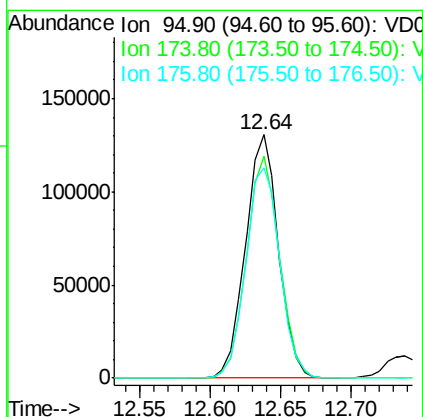
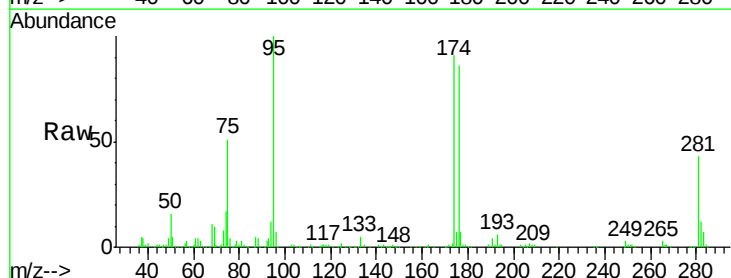
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

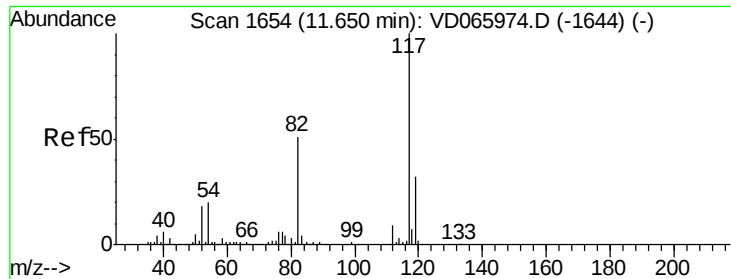
Tgt Ion: 107 Resp: 112314
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.295 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 95 Resp: 213621
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 178.8
 176 89.5 0.0 172.6

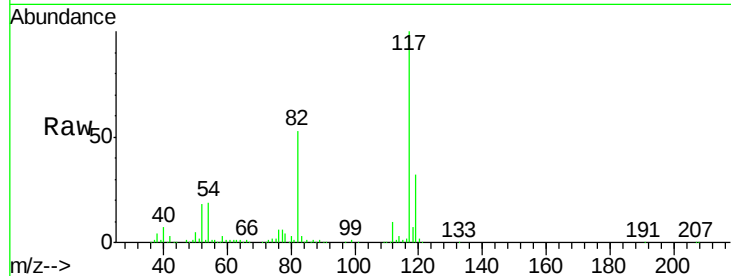




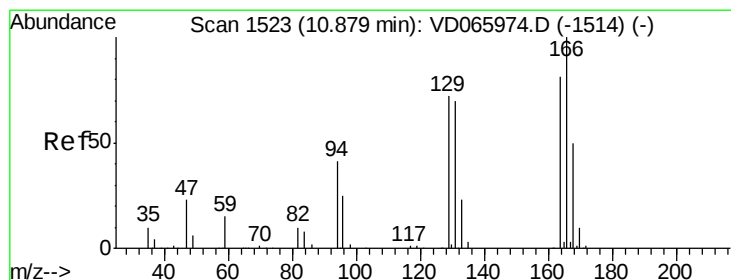
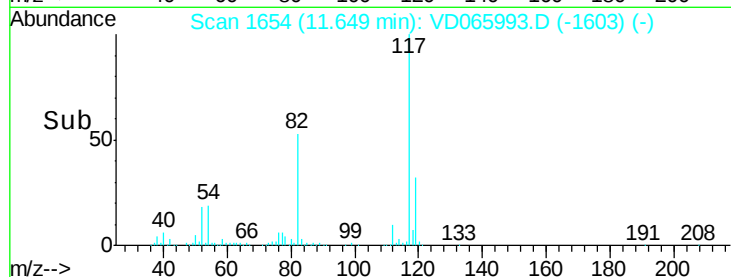
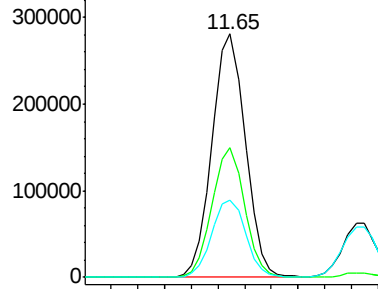
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 486025
Ion Ratio Lower Upper
117 100
82 53.3 41.1 61.7
119 31.6 25.9 38.9

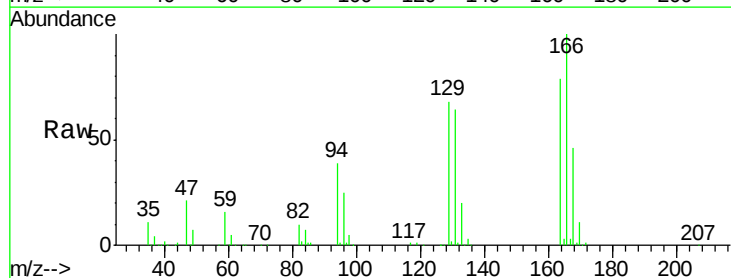


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

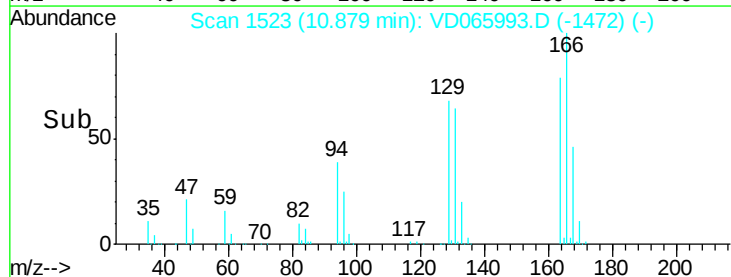
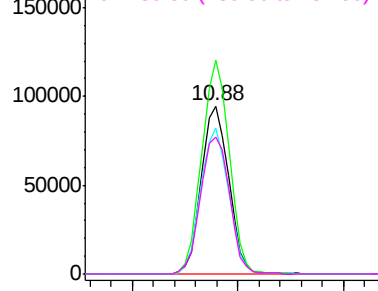


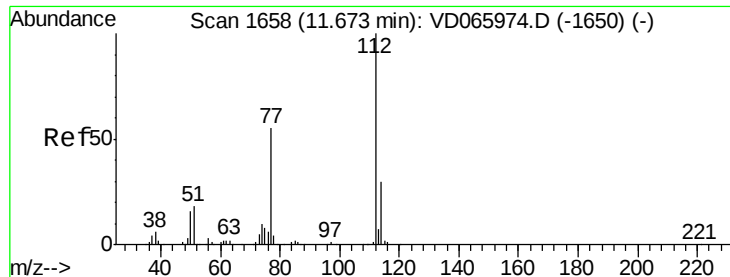
#64
Tetrachloroethene
Concen: 51.628 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion:164 Resp: 170312
Ion Ratio Lower Upper
164 100
166 127.2 99.1 148.7
129 86.5 71.5 107.3
131 81.4 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

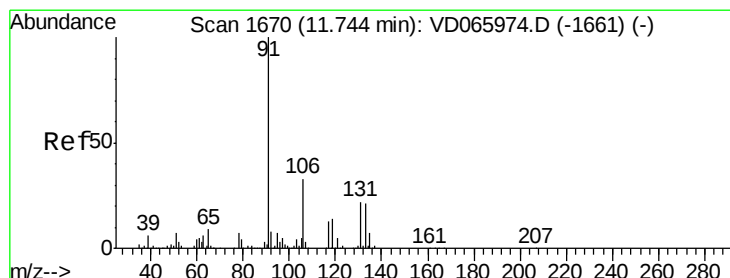
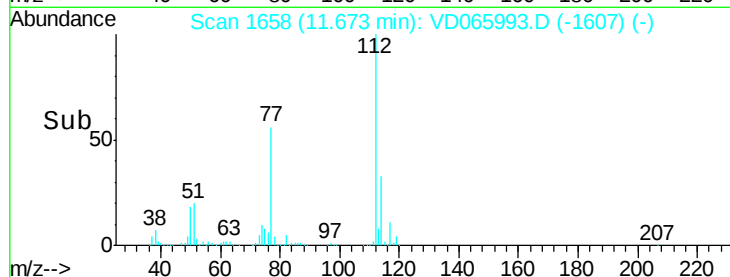
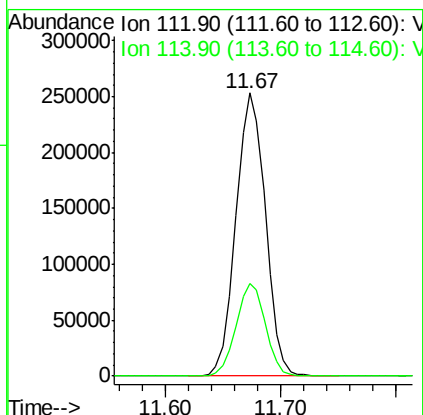
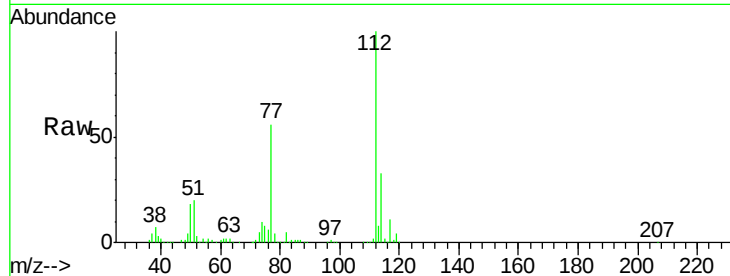




#65
Chlorobenzene
Concen: 50.294 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

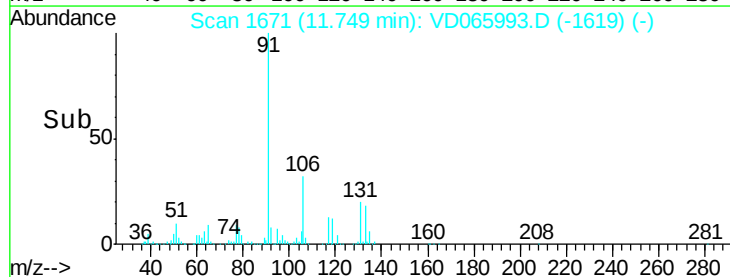
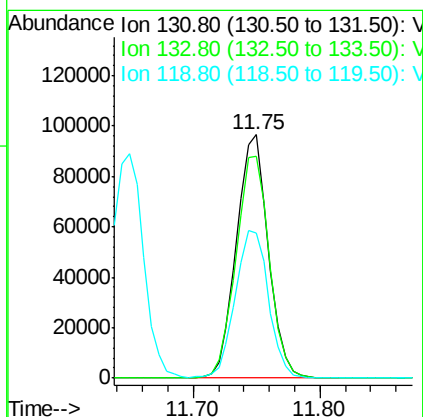
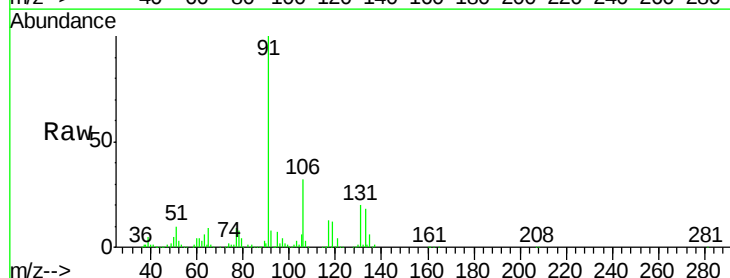
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

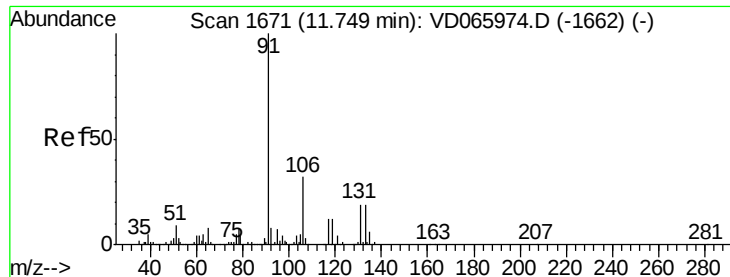
Tgt Ion:112 Resp: 447557
Ion Ratio Lower Upper
112 100
114 32.9 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.200 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion:131 Resp: 168236
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 63.5 31.7 95.1





#67

Ethyl Benzene

Concen: 52.583 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

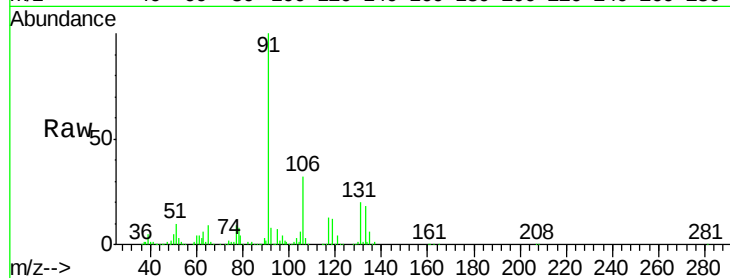
VSTDCCC050

Tgt Ion: 91 Resp: 805271

Ion Ratio Lower Upper

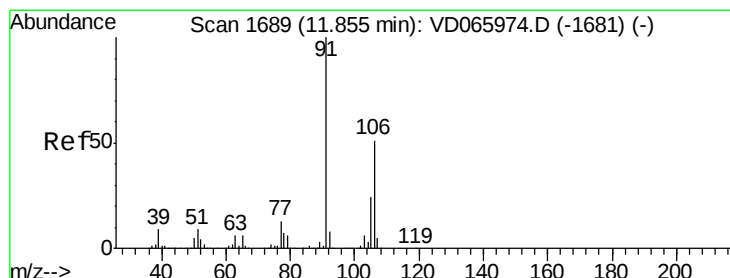
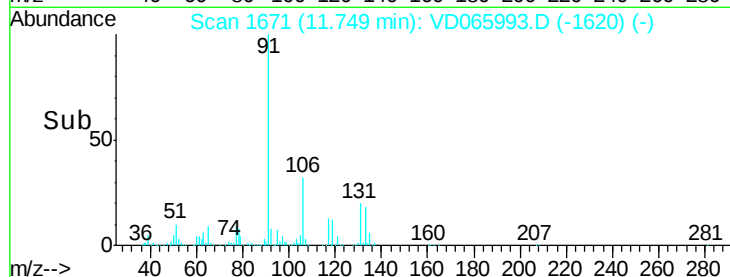
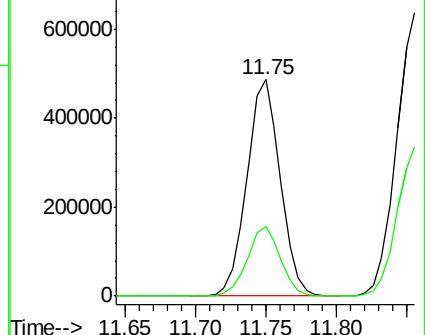
91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.993 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065993.D

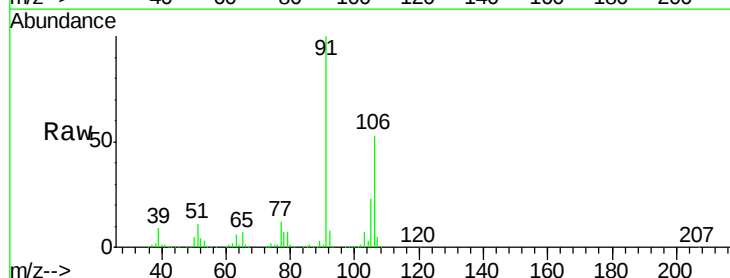
Acq: 22 Jul 2020 10:02

Tgt Ion: 106 Resp: 629776

Ion Ratio Lower Upper

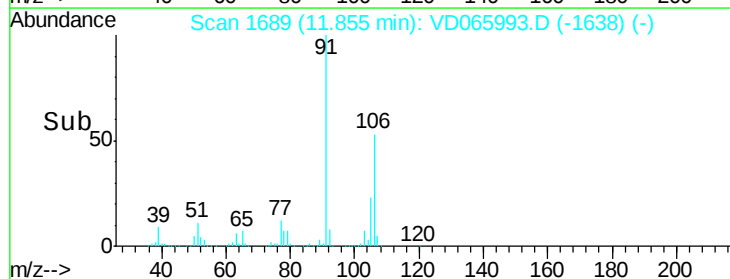
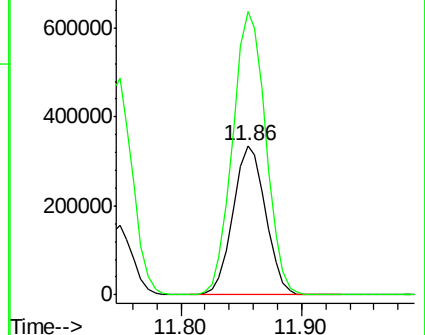
106 100

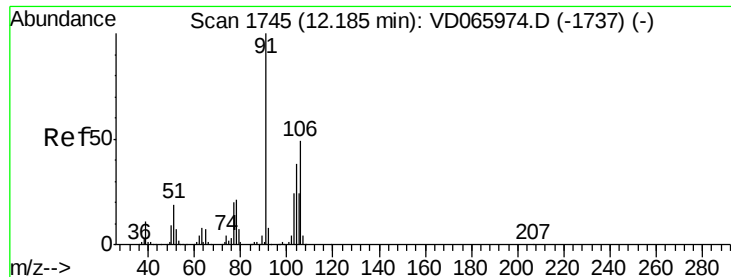
91 193.3 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

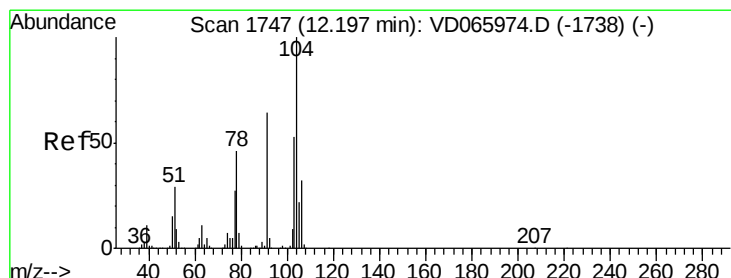
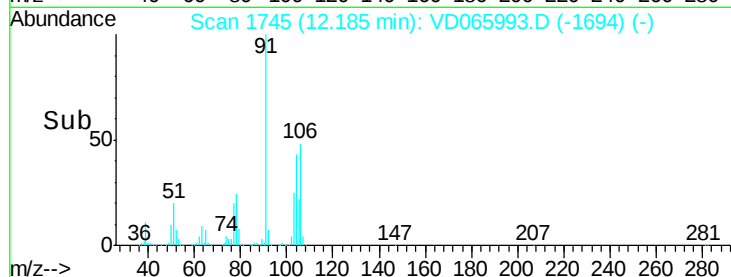
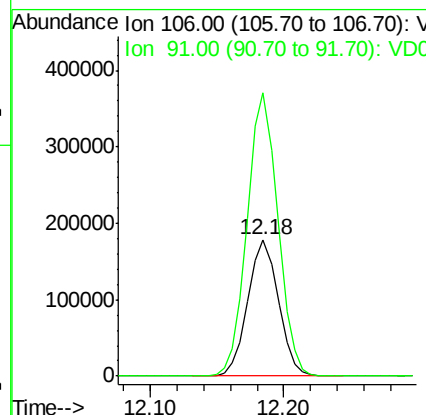
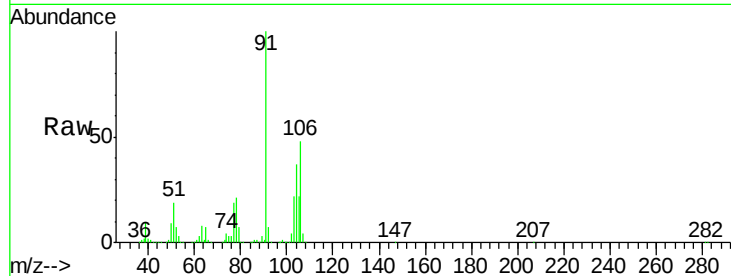




#69
o-Xylene
Concen: 52.960 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

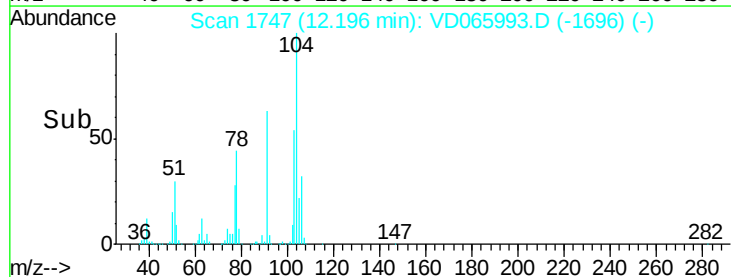
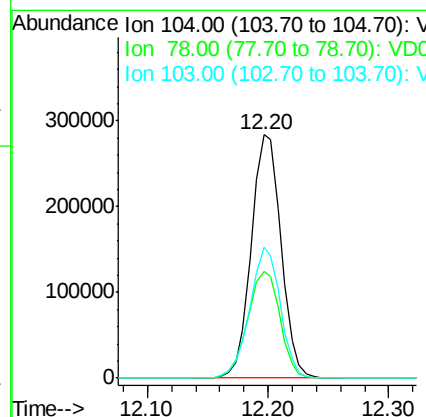
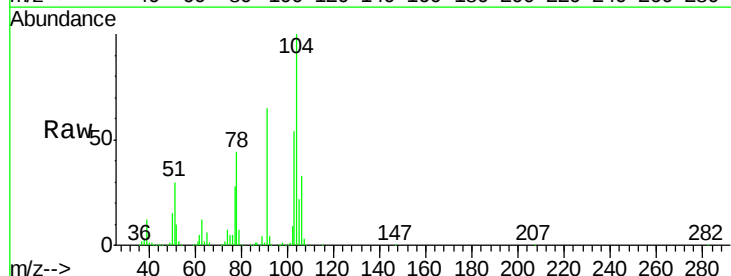
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

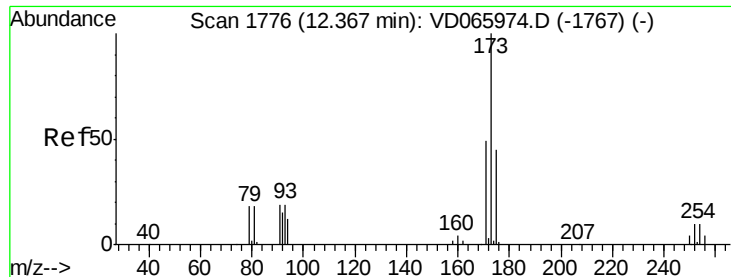
Tgt Ion:106 Resp: 283530
Ion Ratio Lower Upper
106 100
91 207.5 103.1 309.3



#70
Styrene
Concen: 53.266 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion:104 Resp: 489963
Ion Ratio Lower Upper
104 100
78 47.8 38.3 57.5
103 55.2 43.8 65.8

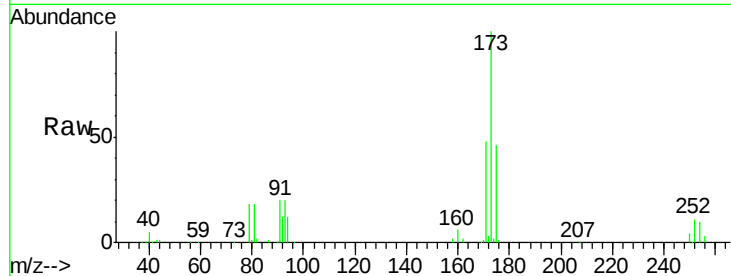




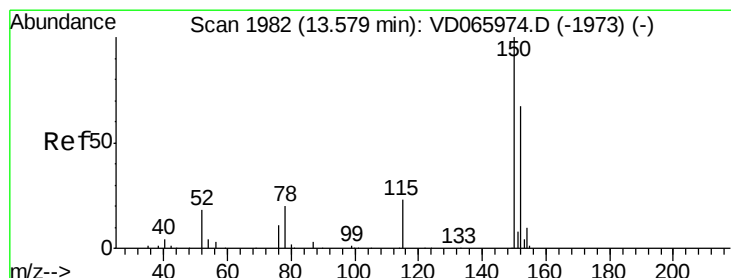
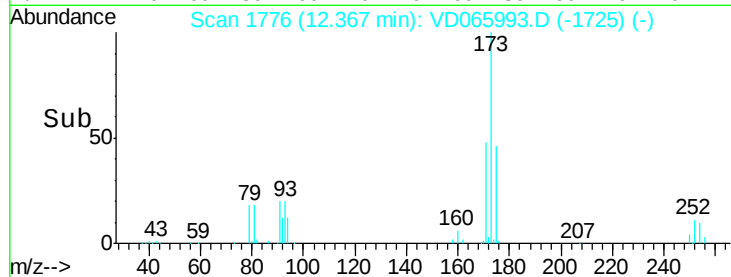
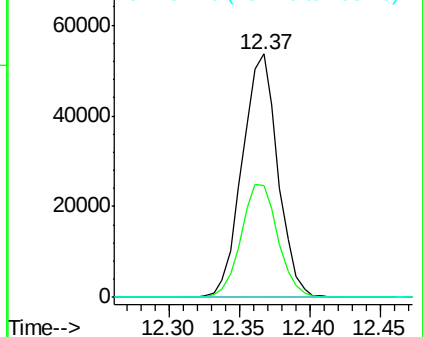
#71
 Bromoform
 Concen: 49.231 ug/l
 RT: 12.37 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:173 Resp: 94755
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.3
 254 0.0 0.0 0.0

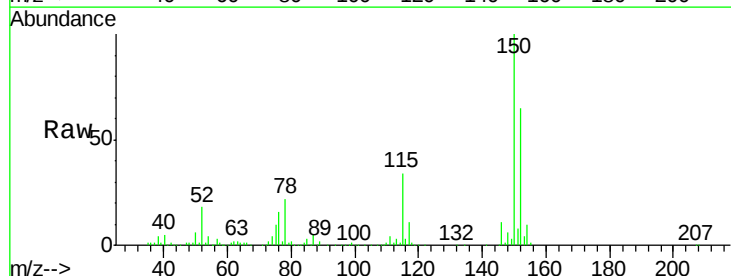


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

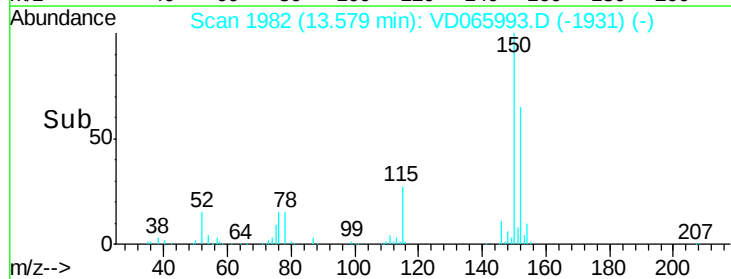
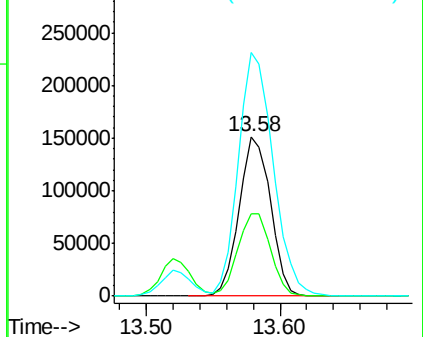


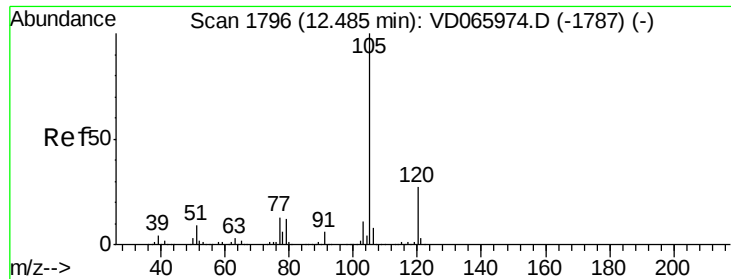
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion:152 Resp: 245747
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.9 83.7
 150 169.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.164 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

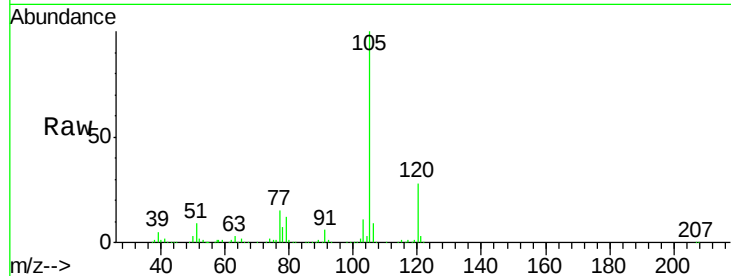
VSTDCCC050

Tgt Ion:105 Resp: 790563

Ion Ratio Lower Upper

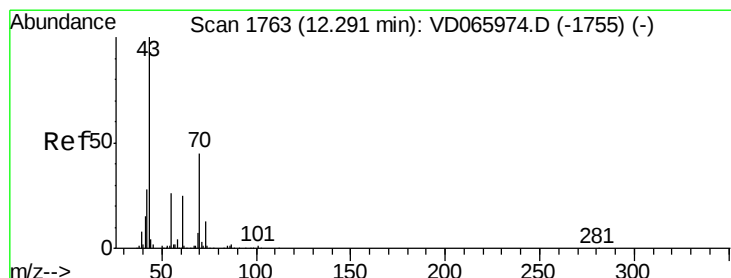
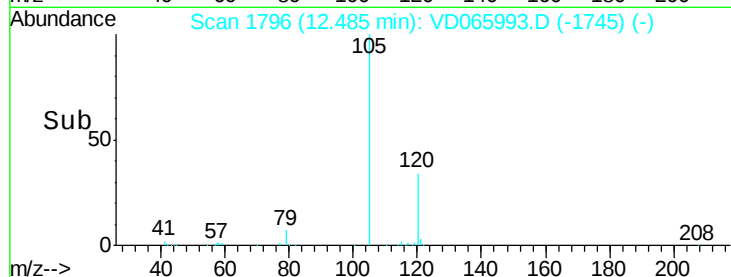
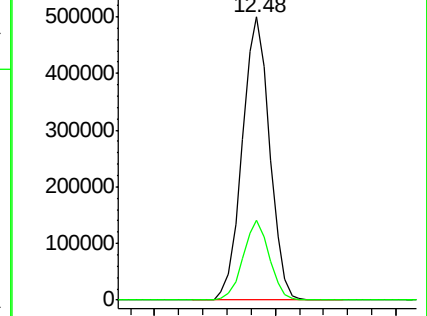
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.039 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Tgt Ion: 43 Resp: 160446

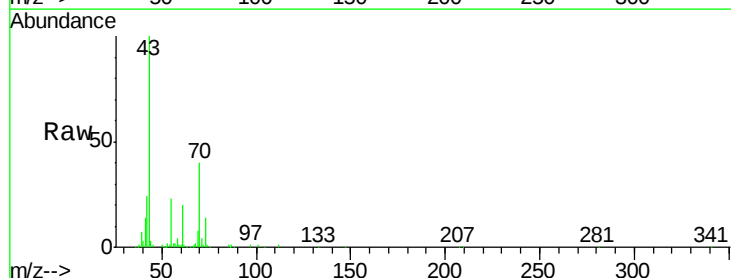
Ion Ratio Lower Upper

43 100

70 42.1 34.6 51.8

55 25.0 20.3 30.5

61 23.1 19.5 29.3

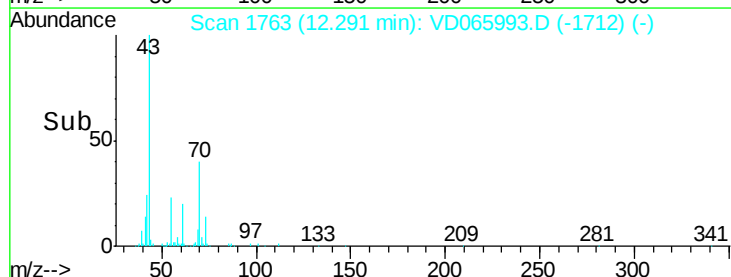
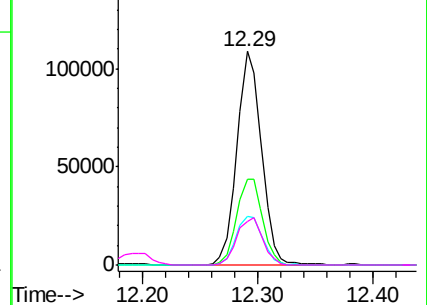


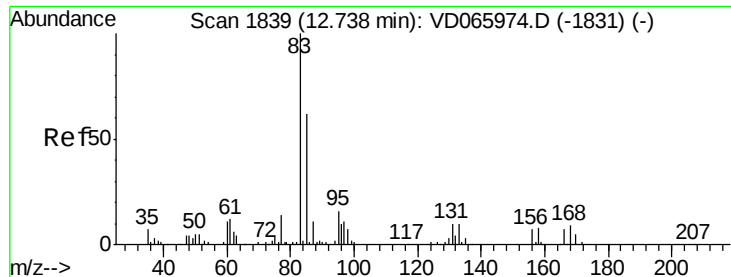
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.834 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

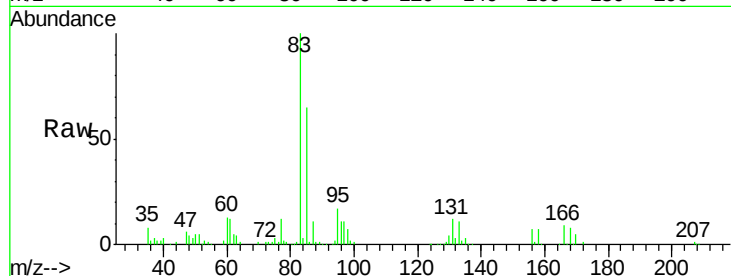
Tgt Ion: 83 Resp: 120010

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

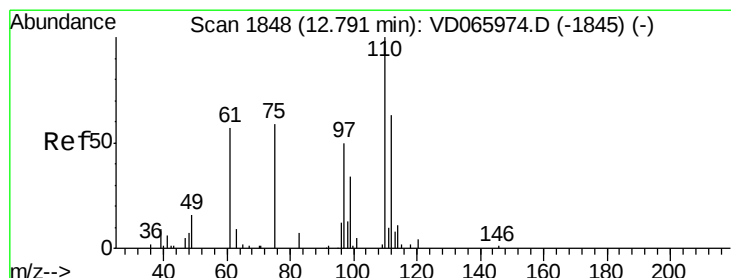
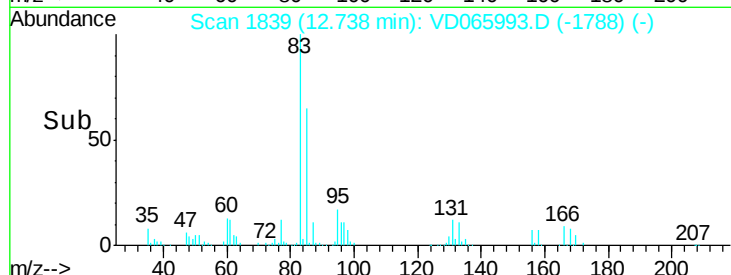
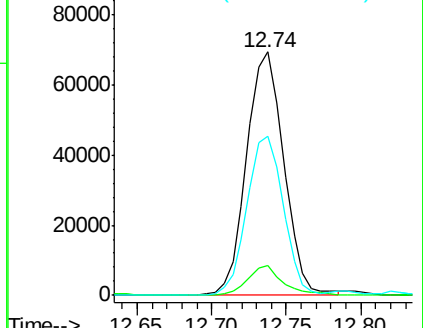
85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 85.928 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065993.D

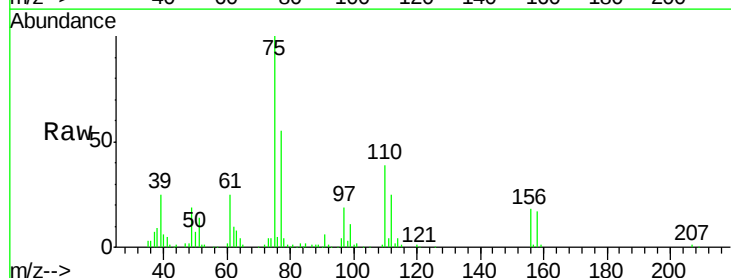
Acq: 22 Jul 2020 10:02

Tgt Ion: 75 Resp: 158996

Ion Ratio Lower Upper

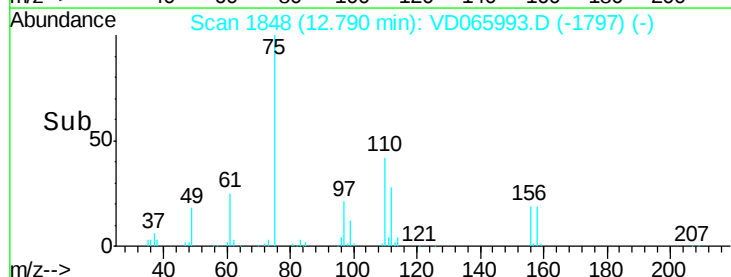
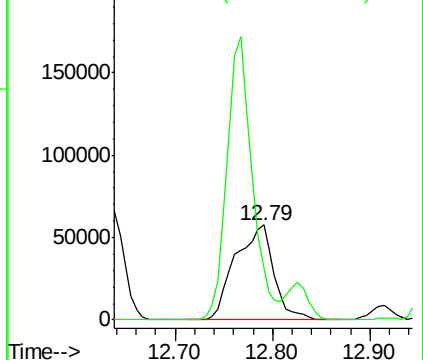
75 100

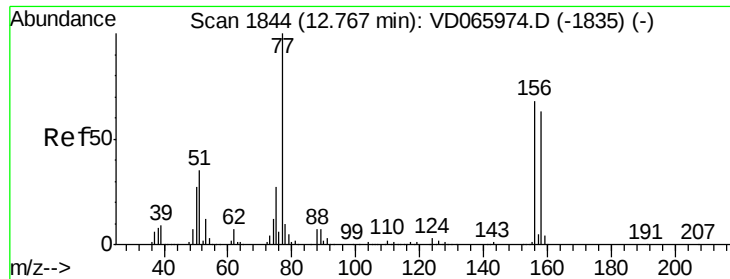
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.062 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

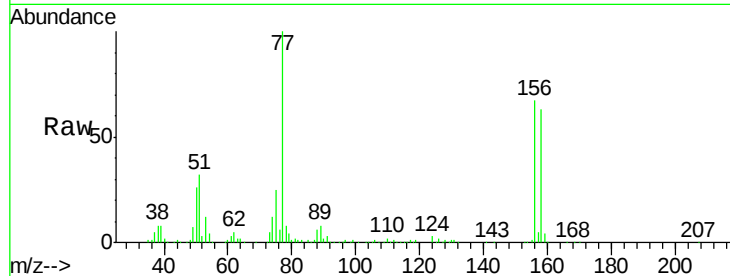
Tgt Ion:156 Resp: 194049

Ion Ratio Lower Upper

156 100

77 161.4 83.0 249.0

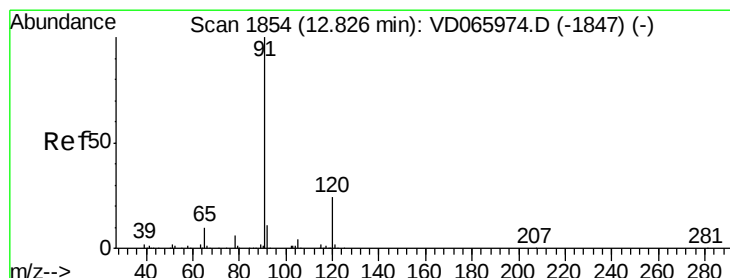
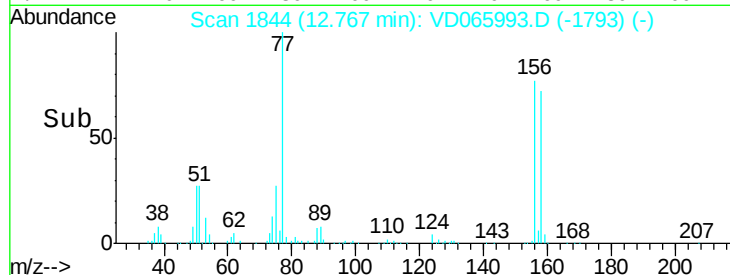
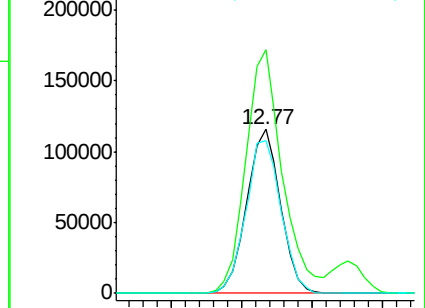
158 97.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.835 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065993.D

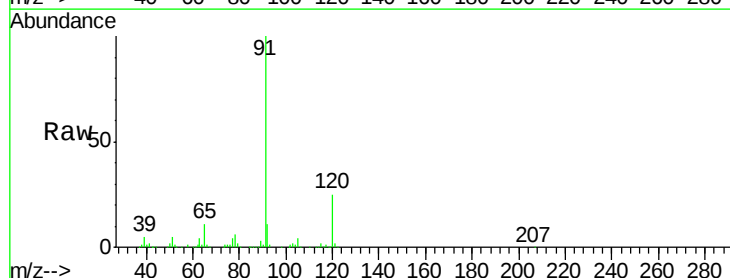
Acq: 22 Jul 2020 10:02

Tgt Ion: 91 Resp: 928940

Ion Ratio Lower Upper

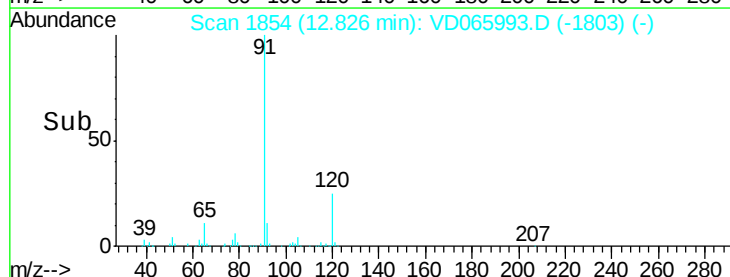
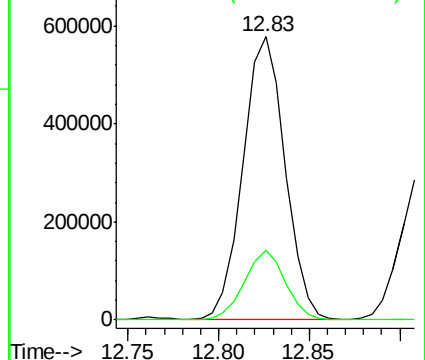
91 100

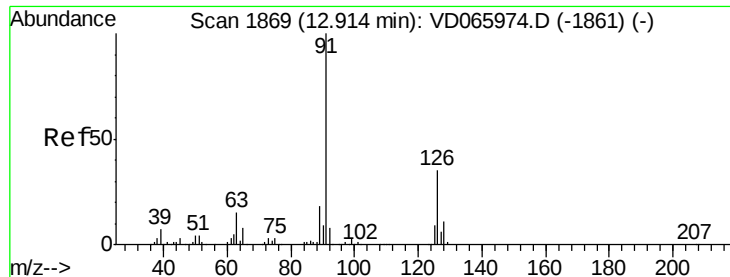
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

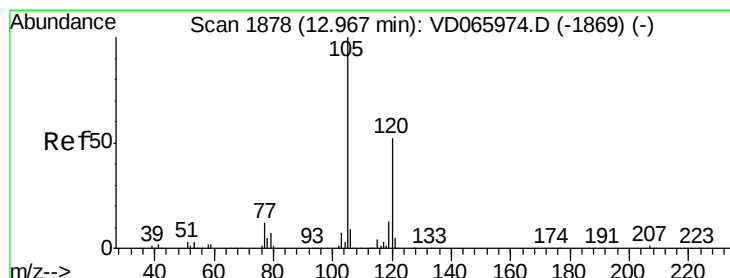
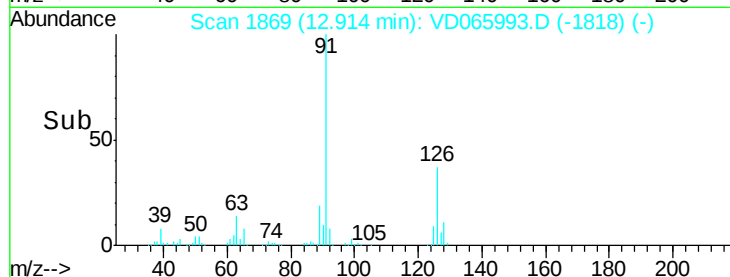
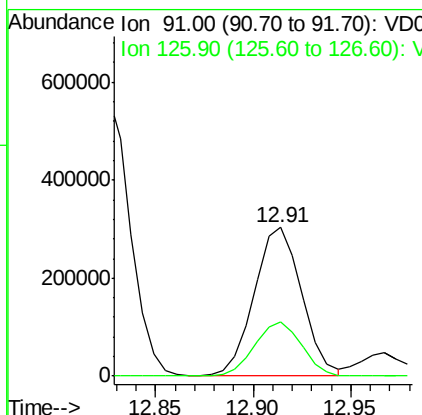
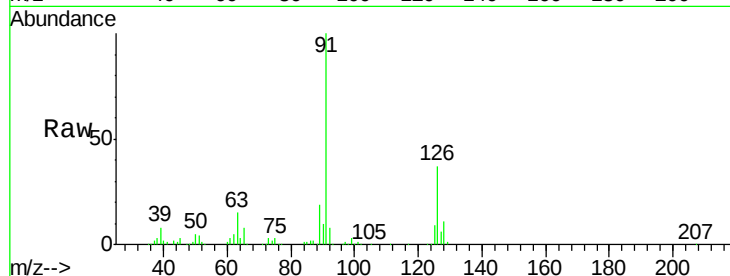




#79
 2-Chlorotoluene
 Concen: 51.757 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

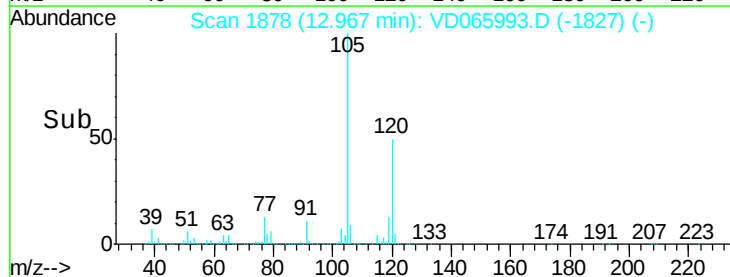
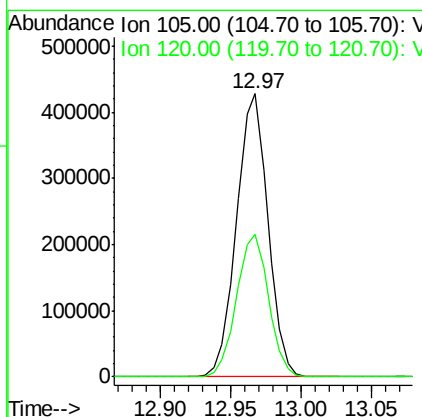
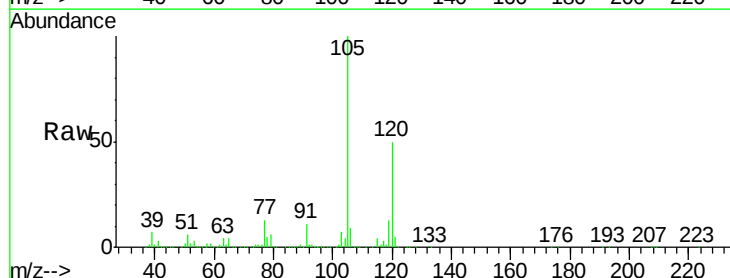
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

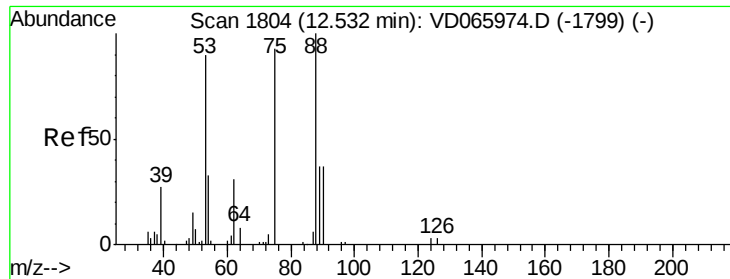
Tgt Ion: 91 Resp: 510223
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 54.362 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 105 Resp: 664137
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.6 76.6

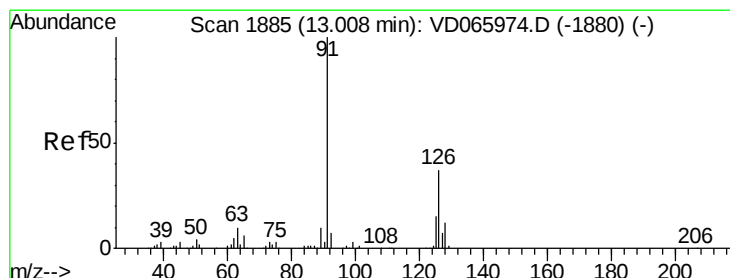
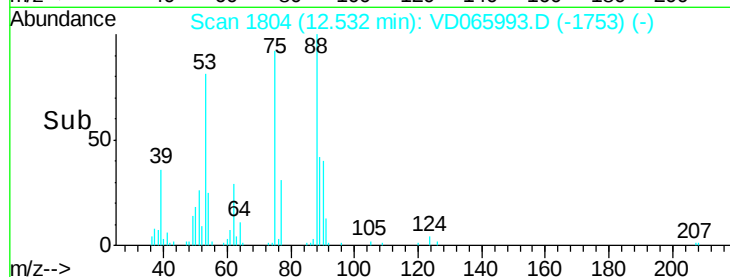
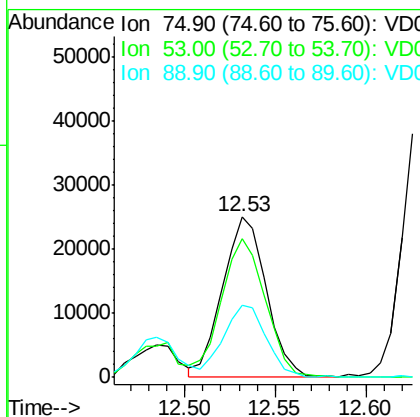
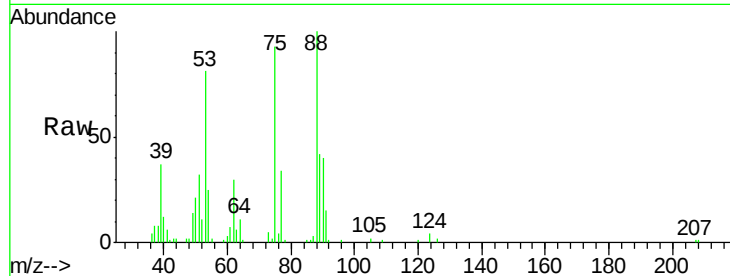




#81
trans-1,4-Dichloro-2-butene
Concen: 51.930 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

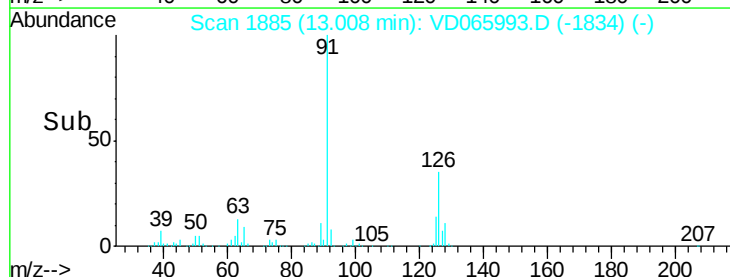
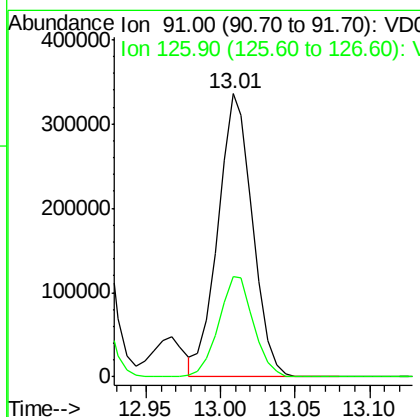
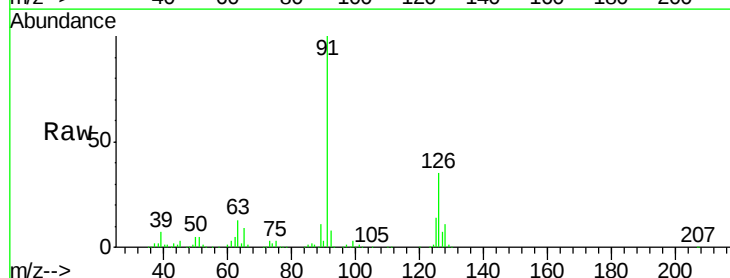
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

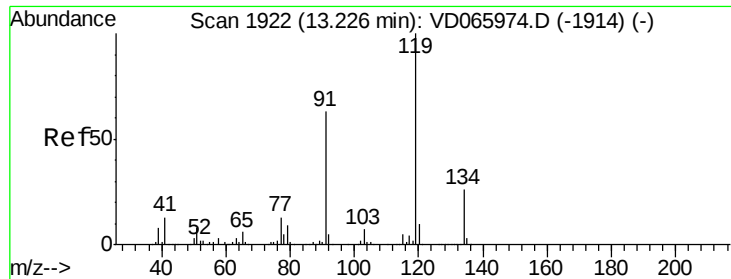
Tgt Ion: 75 Resp: 41875
Ion Ratio Lower Upper
75 100
53 87.5 76.8 115.2
89 43.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.049 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 91 Resp: 541586
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5

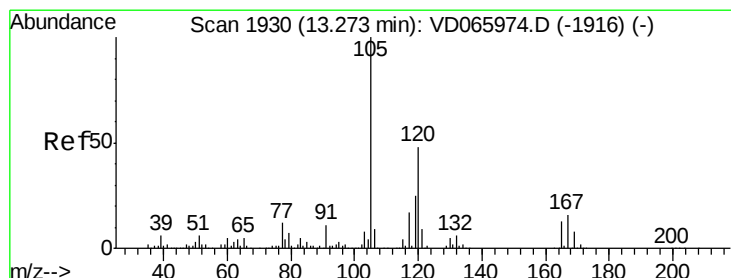
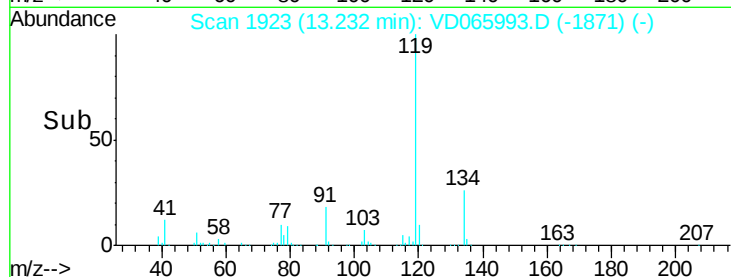
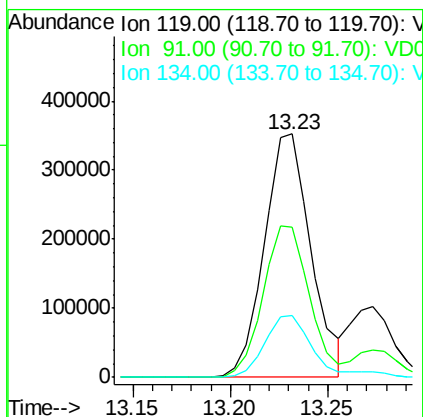
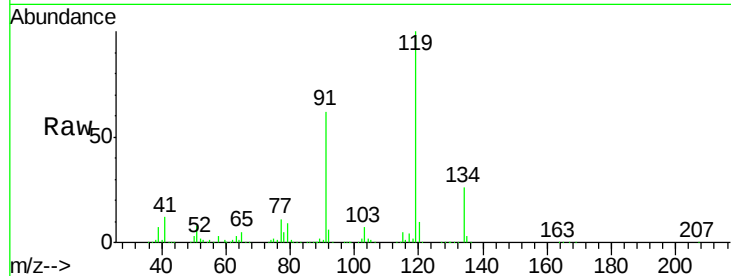




#83
 tert-Butylbenzene
 Concen: 54.679 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

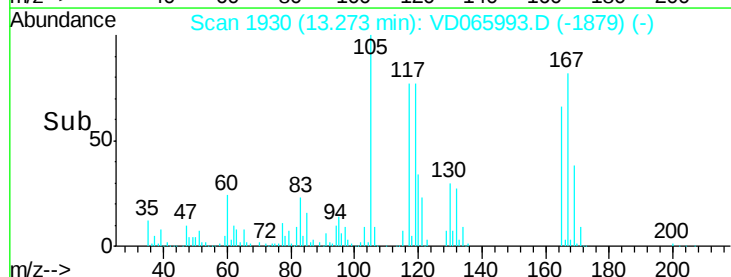
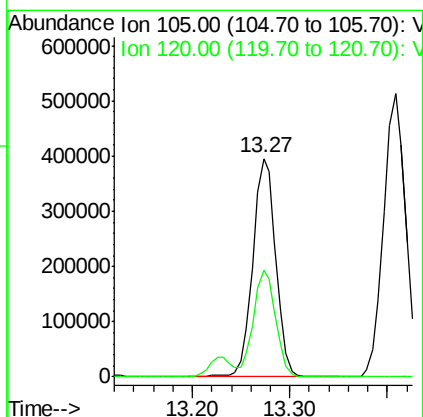
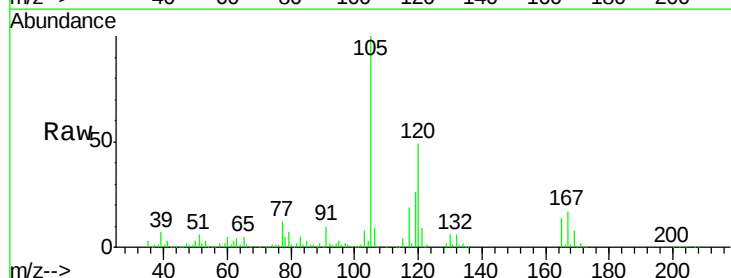
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

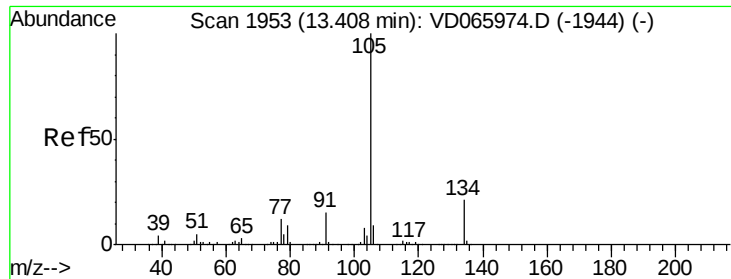
Tgt Ion:119 Resp: 584555
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.6 91.6
 134 26.8 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.315 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion:105 Resp: 654653
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.8

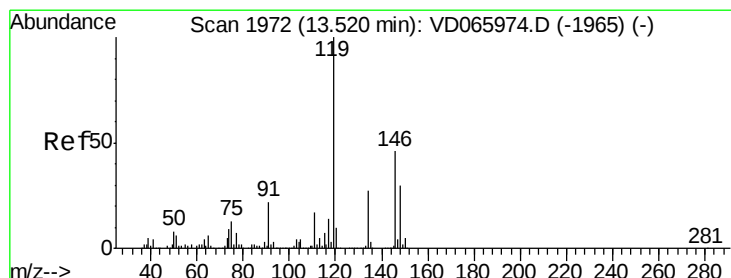
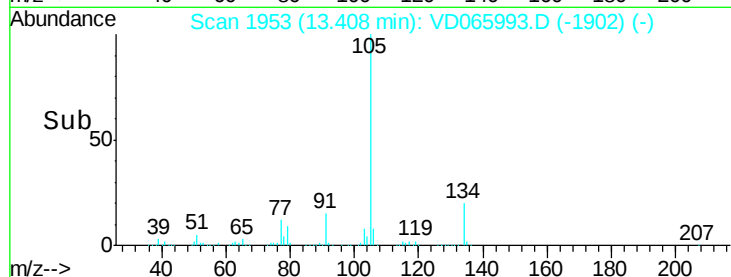
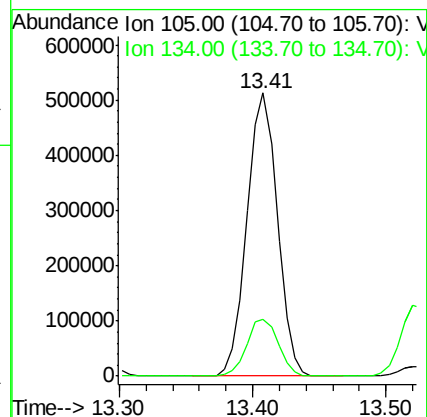
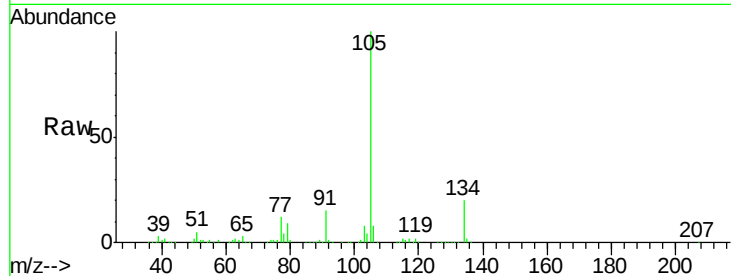




#85
 sec-Butylbenzene
 Concen: 54.802 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

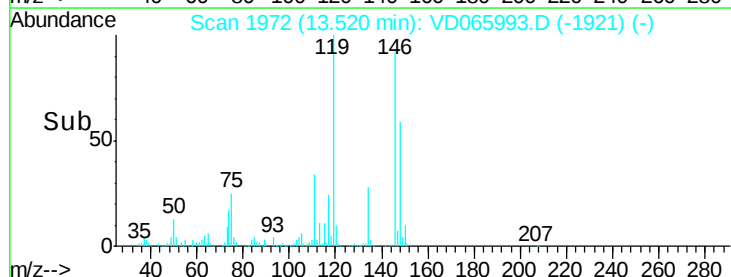
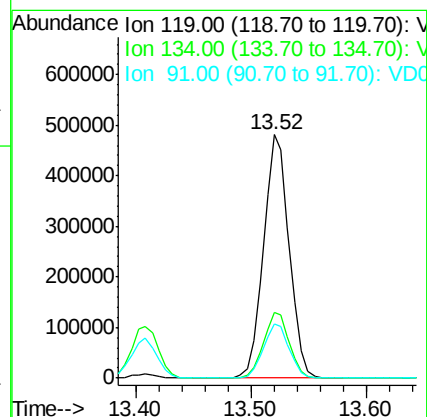
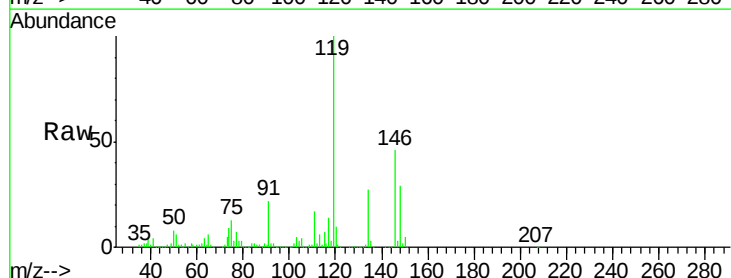
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

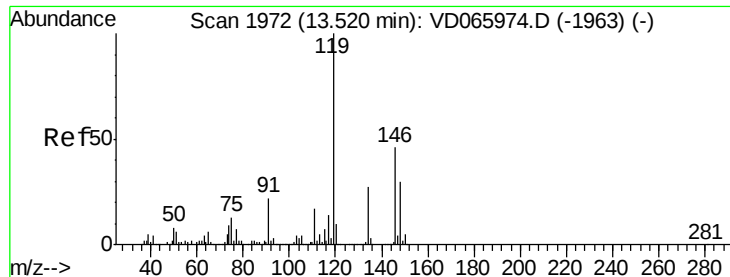
Tgt Ion:105 Resp: 806974
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 55.401 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion:119 Resp: 741144
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 22.5 11.1 33.3

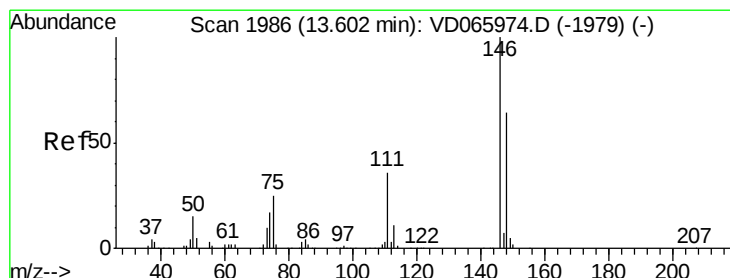
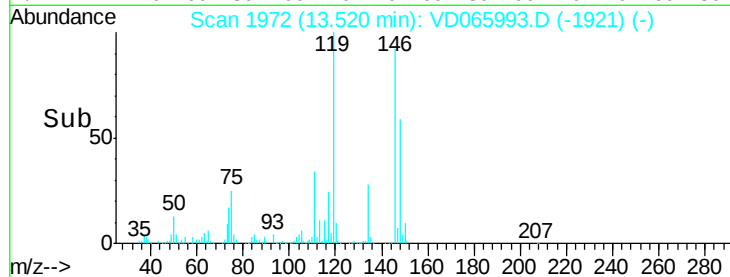
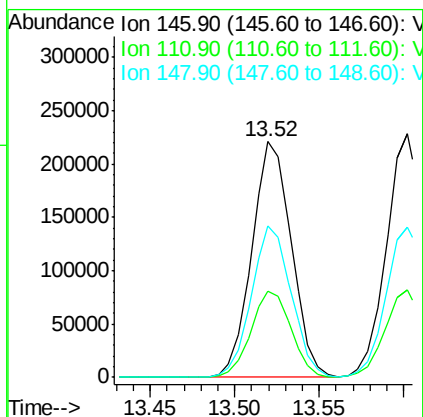
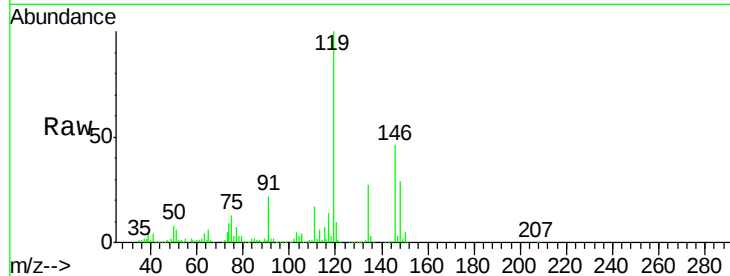




#87
 1,3-Dichlorobenzene
 Concen: 51.135 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

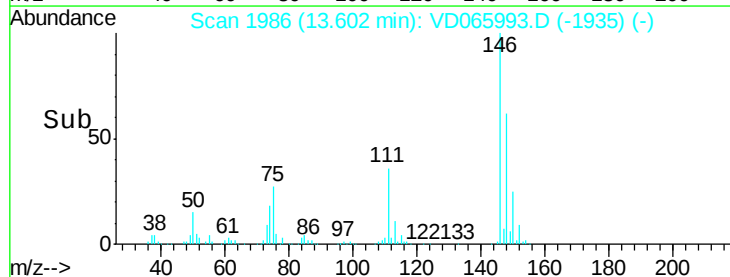
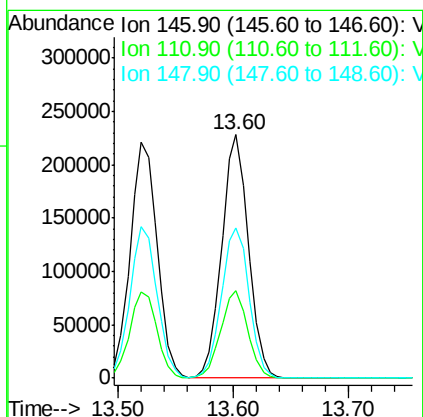
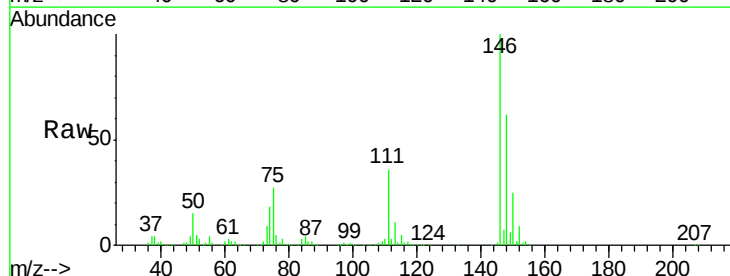
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

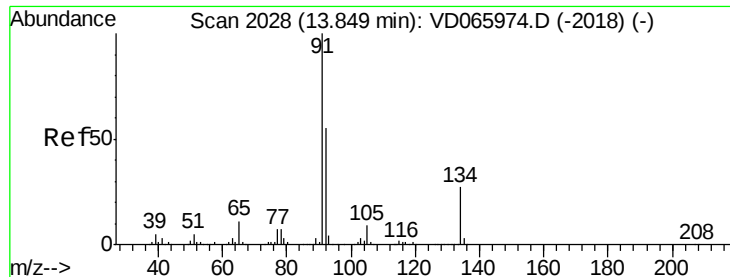
Tgt Ion:146 Resp: 360789
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.6
 148 64.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 51.297 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion:146 Resp: 365887
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.4
 148 63.8 32.2 96.6

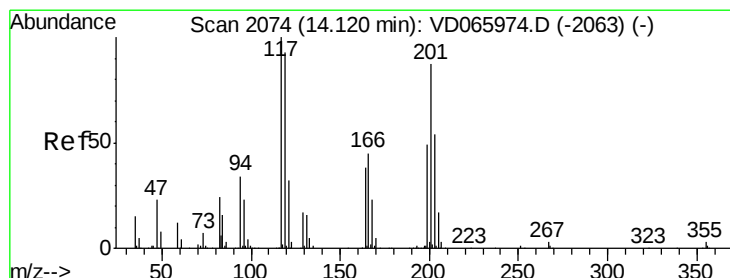
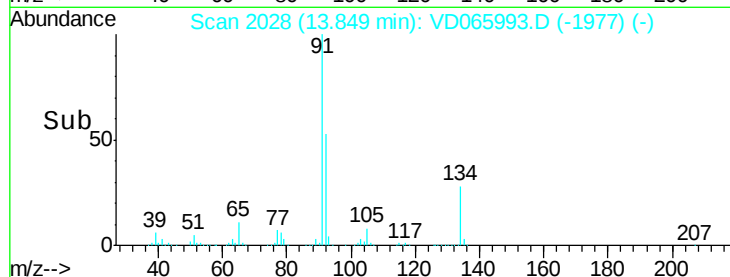
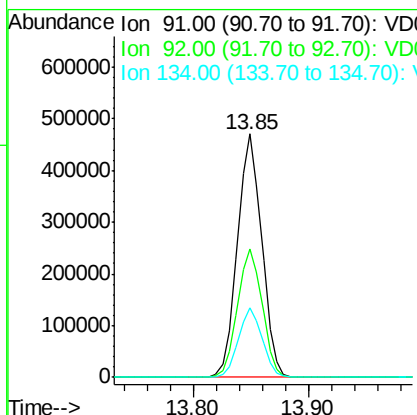
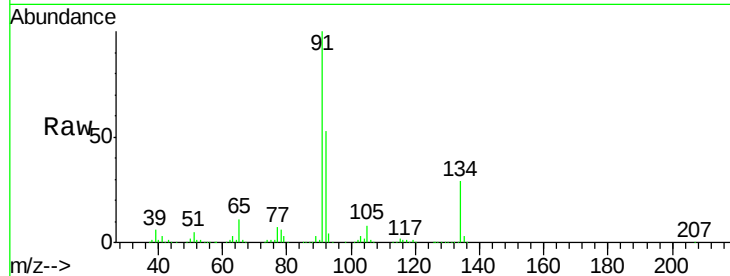




#89
n-Butylbenzene
Concen: 55.311 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

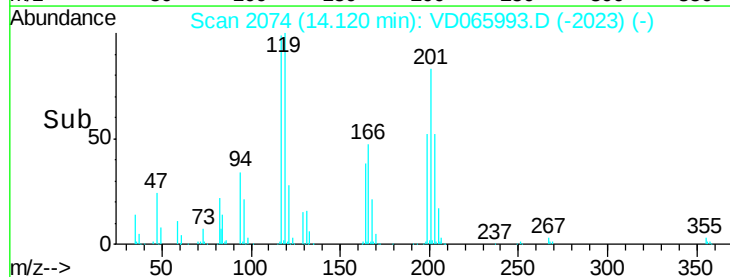
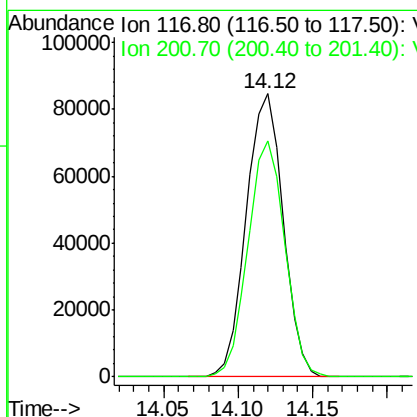
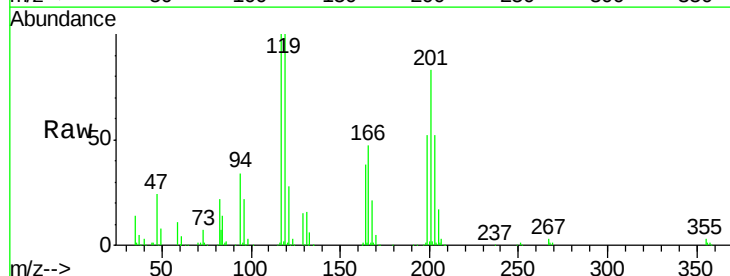
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

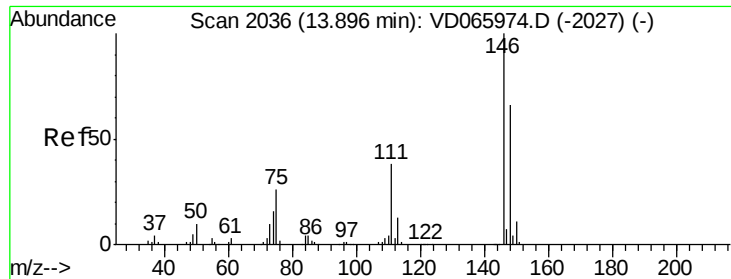
Tgt Ion: 91 Resp: 688011
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 27.9 13.8 41.4



#90
Hexachloroethane
Concen: 52.198 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion: 117 Resp: 144556
Ion Ratio Lower Upper
117 100
201 83.3 42.0 126.1

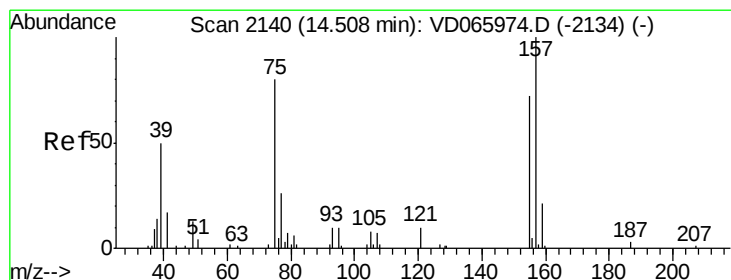
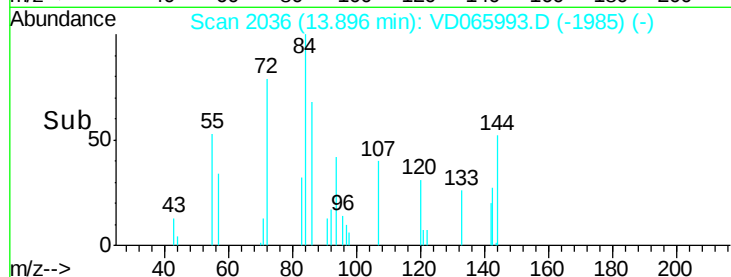
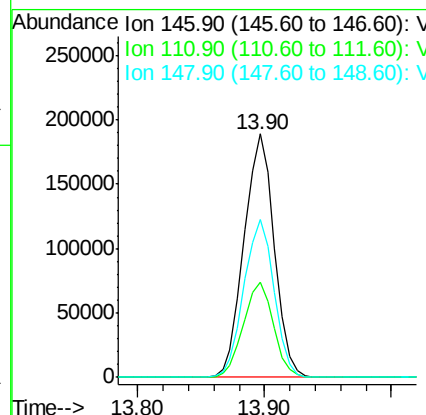
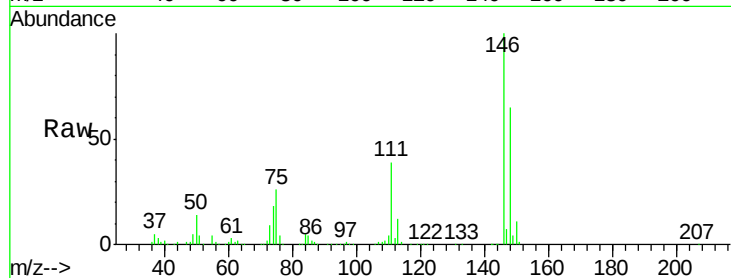




#91
 1,2-Dichlorobenzene
 Concen: 51.121 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

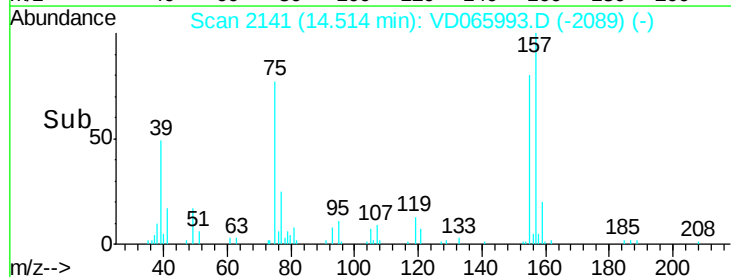
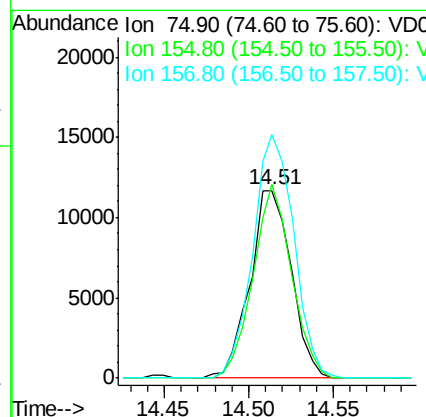
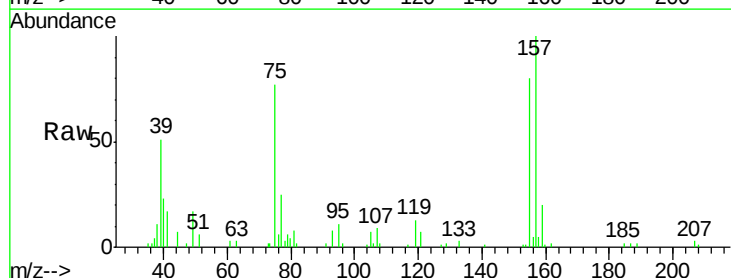
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

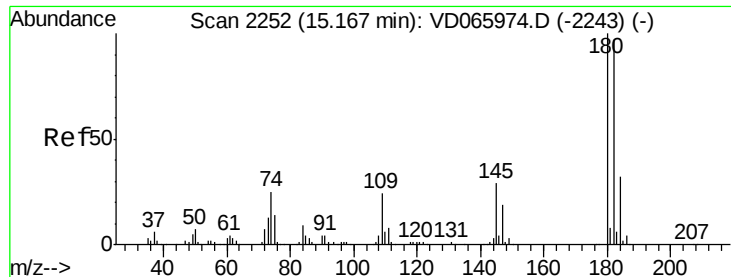
Tgt Ion:146 Resp: 312554
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 64.8 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.414 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065993.D
 Acq: 22 Jul 2020 10:02

Tgt Ion: 75 Resp: 19902
 Ion Ratio Lower Upper
 75 100
 155 95.8 48.5 145.5
 157 128.5 64.7 194.1

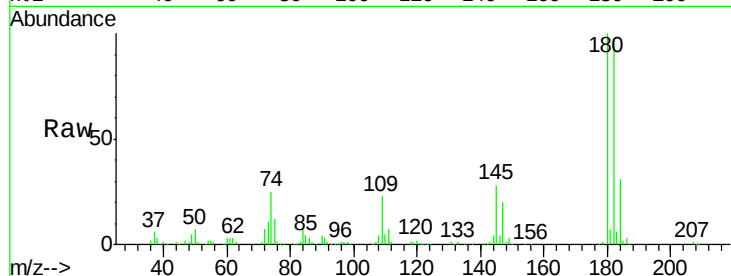




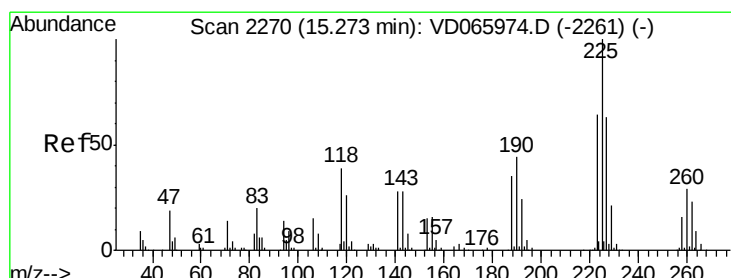
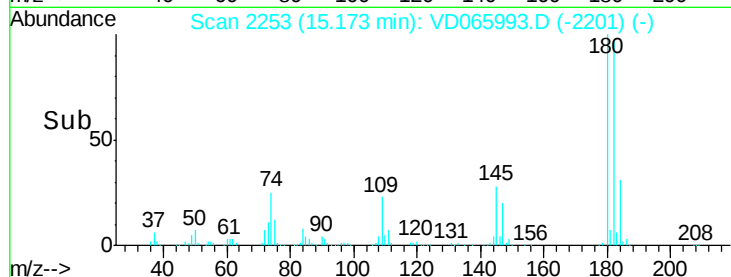
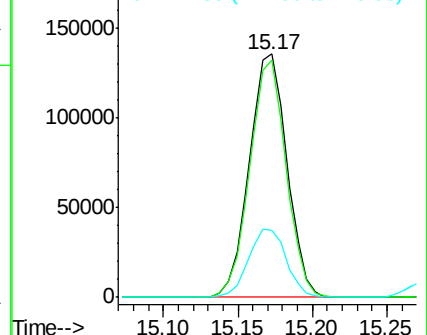
#93
1,2,4-Trichlorobenzene
Concen: 53.845 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 236303
Ion Ratio Lower Upper
180 100
182 94.2 48.1 144.3
145 28.3 14.7 44.1

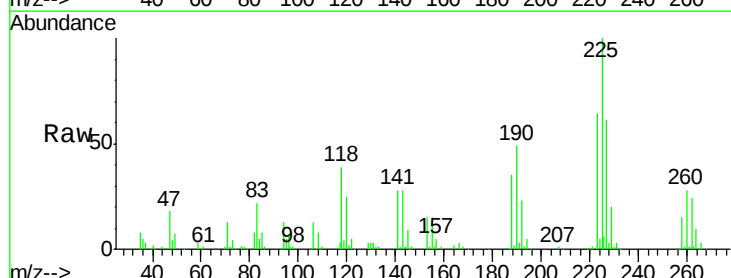


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

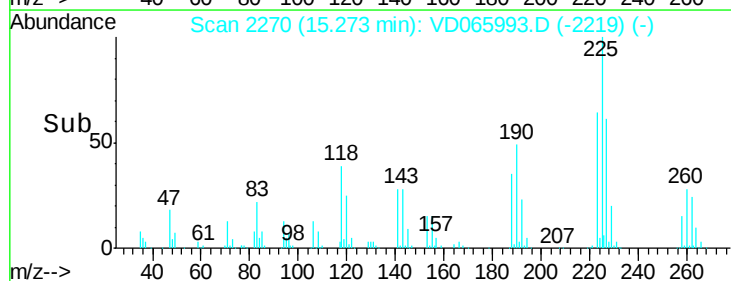
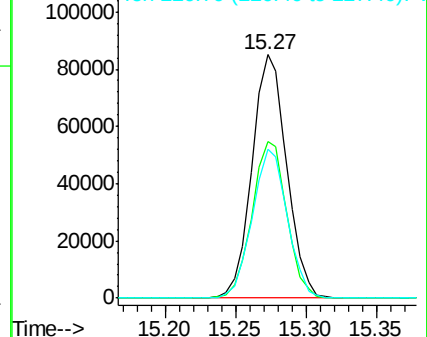


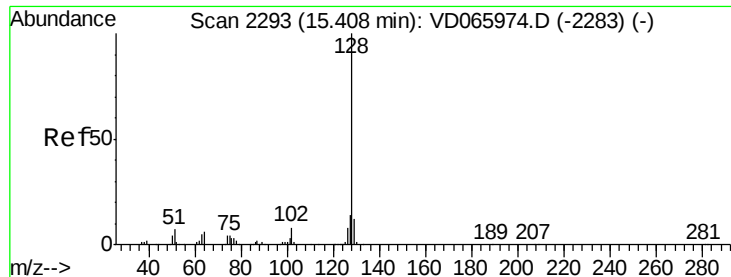
#94
Hexachlorobutadiene
Concen: 54.048 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065993.D
Acq: 22 Jul 2020 10:02

Tgt Ion:225 Resp: 146641
Ion Ratio Lower Upper
225 100
223 64.0 31.2 93.6
227 61.8 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.340 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

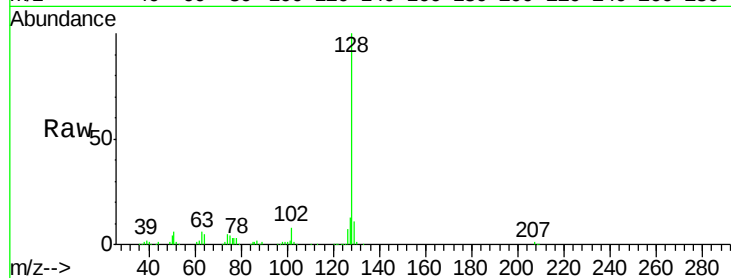
Tgt Ion:128 Resp: 367867

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

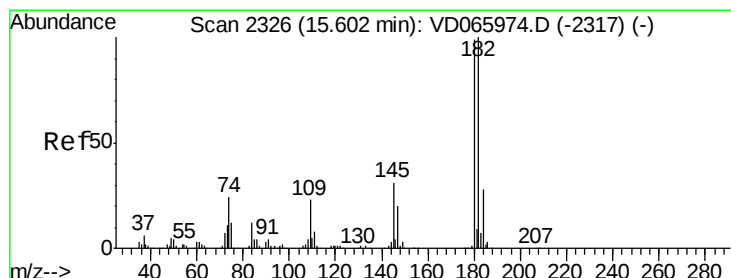
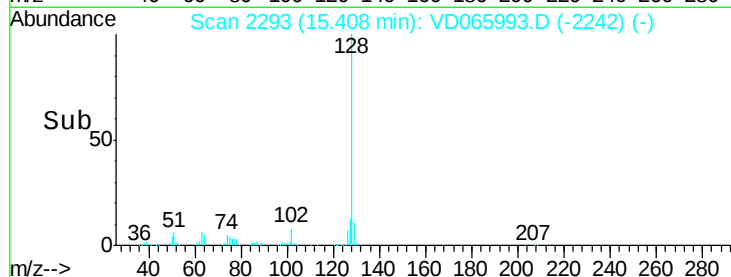
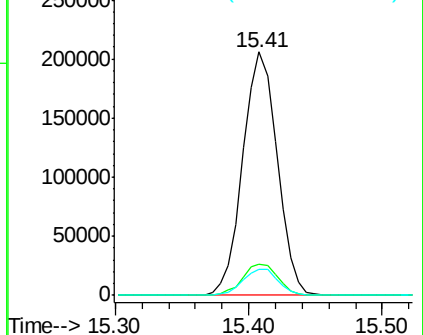
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.840 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065993.D

Acq: 22 Jul 2020 10:02

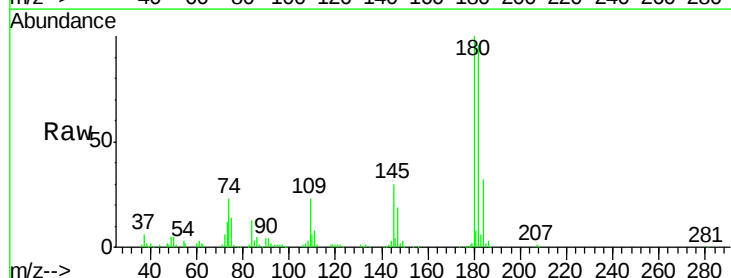
Tgt Ion:180 Resp: 197777

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 30.1 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

