

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065949.D
 Acq On : 10 Jul 2020 15:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 05:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	378297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	569919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	521597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	160590	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.91	113	169503	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.34	98	617083	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.63	95	221273	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130297	38.743	ug/l	95
3) Chloromethane	2.20	50	128867	38.654	ug/l	99
4) Vinyl Chloride	2.35	62	123626	40.386	ug/l	99
5) Bromomethane	2.77	94	81058	41.803	ug/l	97
6) Chloroethane	2.93	64	75407	41.209	ug/l	90
7) Trichlorofluoromethane	3.27	101	277546	42.304	ug/l	99
8) Diethyl Ether	3.71	74	85043	47.249	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	170917	43.553	ug/l	97
10) Methyl Iodide	4.30	142	186351	45.331	ug/l	99
11) Tert butyl alcohol	5.21	59	50833	240.515	ug/l	98
12) 1,1-Dichloroethene	4.07	96	161044	43.926	ug/l	93
13) Acrolein	3.92	56	44678	267.755	ug/l	96
14) Allyl chloride	4.71	41	274789	44.228	ug/l	98
15) Acrylonitrile	5.42	53	193058	244.980	ug/l	98
16) Acetone	4.15	43	189430	241.096	ug/l	99
17) Carbon Disulfide	4.40	76	490600	41.997	ug/l	100
18) Methyl Acetate	4.71	43	87101	47.292	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	381318	49.127	ug/l	97
20) Methylene Chloride	4.96	84	198298	44.944	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	184608	44.755	ug/l	98
22) Diisopropyl ether	6.36	45	547427	46.885	ug/l	98
23) Vinyl Acetate	6.30	43	1616147	242.500	ug/l	98
24) 1,1-Dichloroethane	6.26	63	319339	45.868	ug/l	99
25) 2-Butanone	7.21	43	250980	241.738	ug/l	100
26) 2,2-Dichloropropane	7.20	77	273034	44.828	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	204037	46.037	ug/l	99
28) Bromochloromethane	7.54	49	116686	44.366	ug/l	98
29) Tetrahydrofuran	7.56	42	156467	237.002	ug/l	98
30) Chloroform	7.71	83	324244	45.939	ug/l	95
31) Cyclohexane	7.98	56	291769	42.593	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	293945	45.635	ug/l	100
36) 1,1-Dichloropropene	8.11	75	250770	44.551	ug/l	100
37) Ethyl Acetate	7.28	43	106024	44.955	ug/l #	96
38) Carbon Tetrachloride	8.09	117	271535	45.007	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065949.D
 Acq On : 10 Jul 2020 15:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 11 05:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	320476	46.375	ug/l	98
40) Benzene	8.35	78	723098	46.501	ug/l	97
41) Methacrylonitrile	7.52	41	65635m	47.933	ug/l	
42) 1,2-Dichloroethane	8.42	62	201776	45.803	ug/l	98
43) Isopropyl Acetate	8.45	43	216069	49.219	ug/l	100
44) Trichloroethene	9.11	130	214221	46.886	ug/l	97
45) 1,2-Dichloropropane	9.38	63	181155	46.937	ug/l	100
46) Dibromomethane	9.47	93	96748	48.149	ug/l	96
47) Bromodichloromethane	9.66	83	253280	46.991	ug/l	99
48) Methyl methacrylate	9.46	41	103101	46.652	ug/l	92
49) 1,4-Dioxane	9.46	88	23177	970.757	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	541239	243.866	ug/l	98
52) Toluene	10.40	92	468300	47.337	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	246253	48.589	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	291762	47.643	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	134779	48.683	ug/l	96
56) Ethyl methacrylate	10.66	69	177198	52.404	ug/l	95
57) 1,3-Dichloropropane	10.94	76	234877	48.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	396599	242.181	ug/l	98
59) 2-Hexanone	10.98	43	389703	255.313	ug/l	100
60) Dibromochloromethane	11.14	129	185797	49.121	ug/l	98
61) 1,2-Dibromoethane	11.25	107	131241	47.546	ug/l	96
64) Tetrachloroethene	10.88	164	181467	47.840	ug/l	95
65) Chlorobenzene	11.67	112	510042	48.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	191969	48.829	ug/l	99
67) Ethyl Benzene	11.74	91	893436	47.846	ug/l	100
68) m/p-Xylenes	11.86	106	671326	94.626	ug/l	98
69) o-Xylene	12.18	106	318168	49.231	ug/l	100
70) Styrene	12.20	104	556019	49.839	ug/l	99
71) Bromoform	12.36	173	110763	49.790	ug/l #	100
73) Isopropylbenzene	12.48	105	869945	47.704	ug/l	99
74) N-amyl acetate	12.29	43	195297	47.725	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171012	56.485	ug/l	89
76) 1,2,3-Trichloropropane	12.78	75	96424m	43.990	ug/l	
77) Bromobenzene	12.76	156	210509	47.594	ug/l	99
78) n-propylbenzene	12.82	91	1002223	46.876	ug/l	100
79) 2-Chlorotoluene	12.91	91	556259	45.862	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	710279	47.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	50502	49.506	ug/l	95
82) 4-Chlorotoluene	13.01	91	582751	45.794	ug/l	99
83) tert-Butylbenzene	13.23	119	612786	48.221	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	705810	47.537	ug/l	99
85) sec-Butylbenzene	13.40	105	852922	47.359	ug/l	99
86) p-Isopropyltoluene	13.52	119	797056	48.387	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	396182	47.868	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	384816	46.605	ug/l	100
89) n-Butylbenzene	13.85	91	739156	47.784	ug/l	100
90) Hexachloroethane	14.11	117	156908	47.236	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	343937	47.545	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23882	47.174	ug/l	89

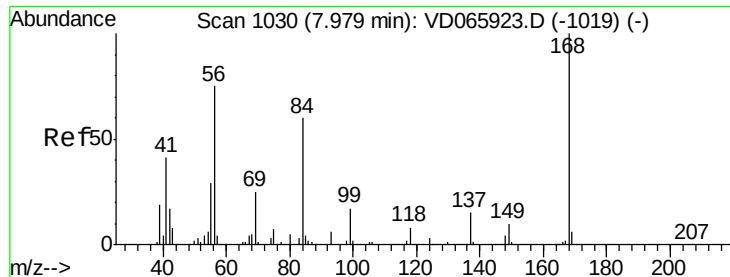
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071020\
Data File : VD065949.D
Acq On : 10 Jul 2020 15:51
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 11 05:11:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	260755	50.577	ug/l	98
94) Hexachlorobutadiene	15.27	225	150860	48.374	ug/l	99
95) Naphthalene	15.41	128	456610	52.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	225417	50.690	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

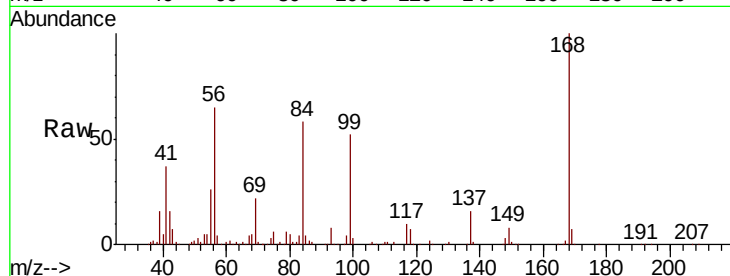
VSTDCCC050EC

Tot Ion:168 Resp: 378297

Ion Ratio Lower Upper

168 100

99 51.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

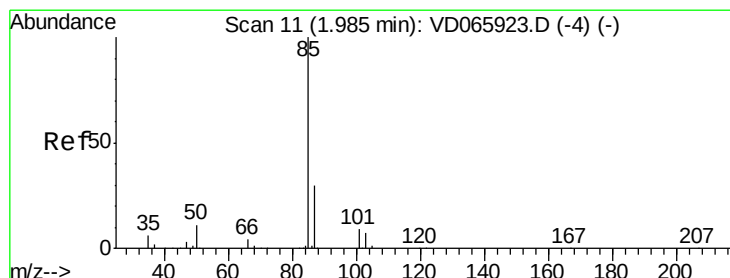
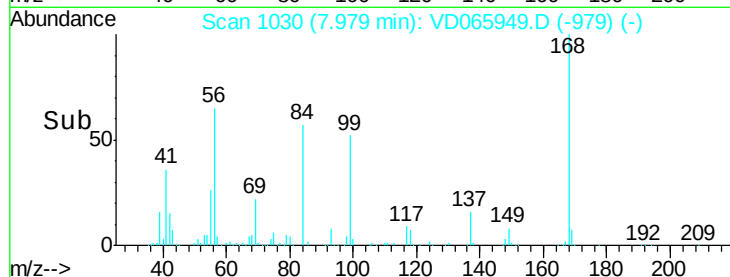
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 38.743 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065949.D

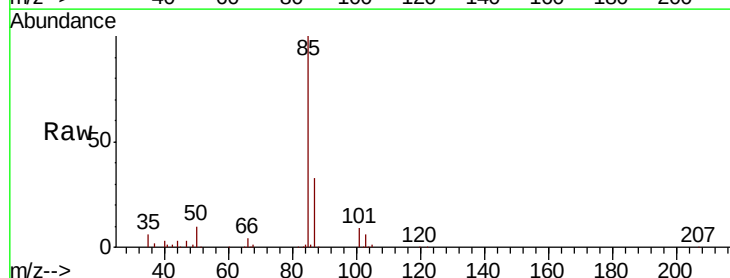
Acq: 10 Jul 2020 15:51

Tgt Ion: 85 Resp: 130297

Ion Ratio Lower Upper

85 100

87 32.8 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

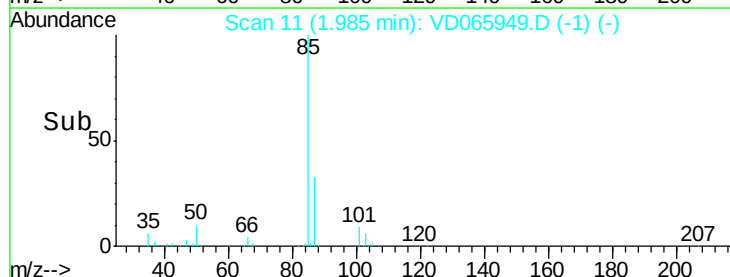
40000

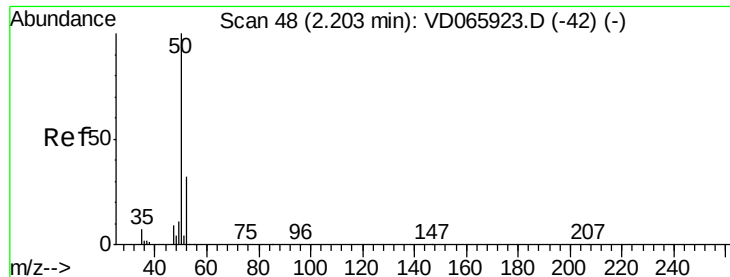
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 38.654 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

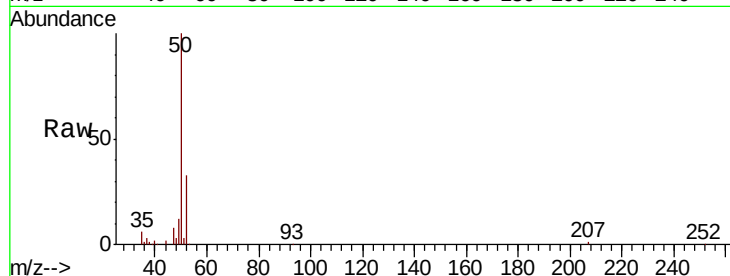
VSTDCCC050EC

Tot Ion: 50 Resp: 128867

Ion Ratio Lower Upper

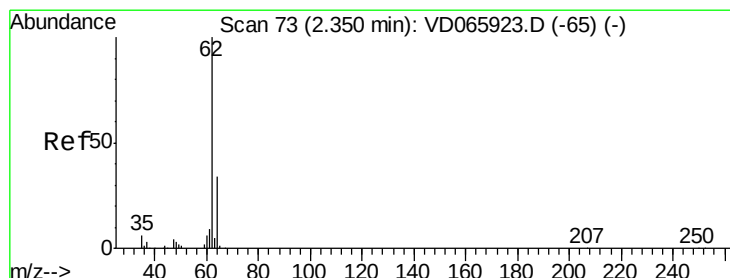
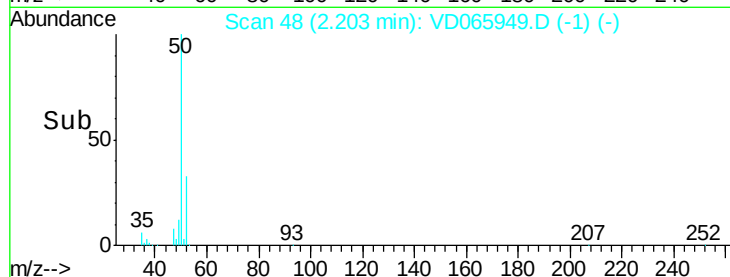
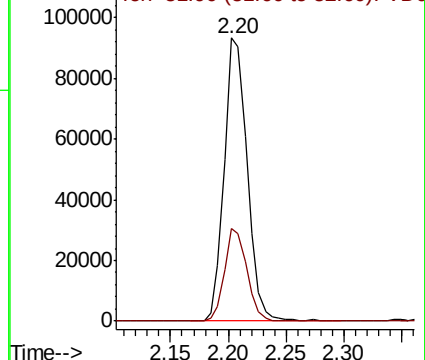
50 100

52 32.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.386 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065949.D

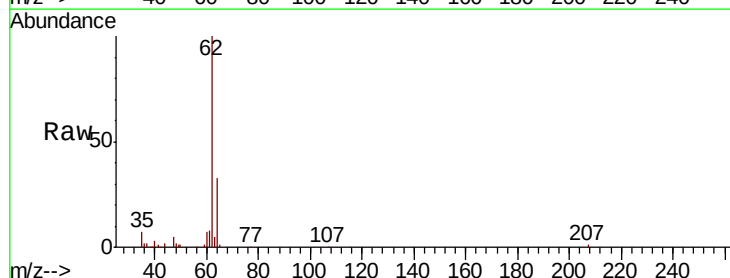
Acq: 10 Jul 2020 15:51

Tgt Ion: 62 Resp: 123626

Ion Ratio Lower Upper

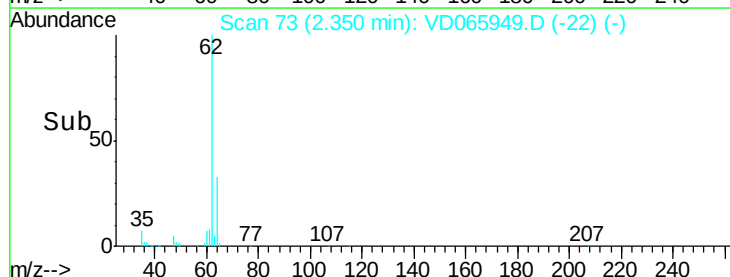
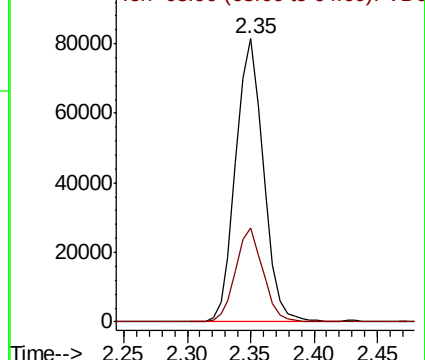
62 100

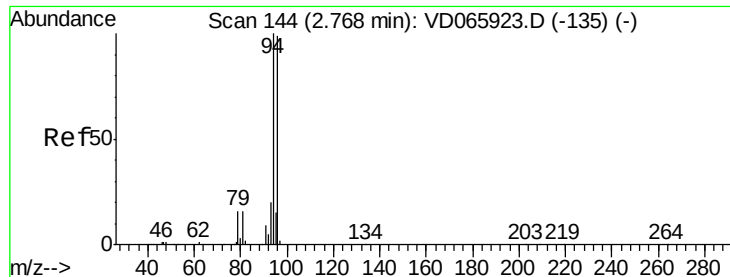
64 33.2 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 41.803 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

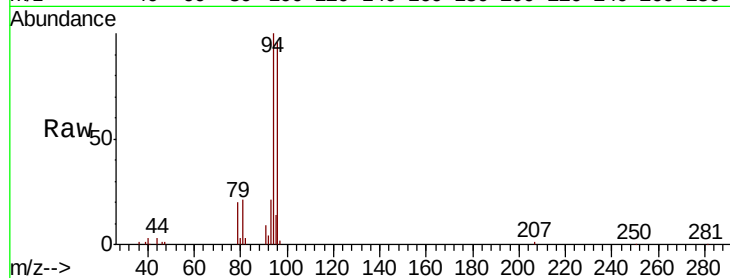
VSTDCCC050EC

Tot Ion: 94 Resp: 81058

Ion Ratio Lower Upper

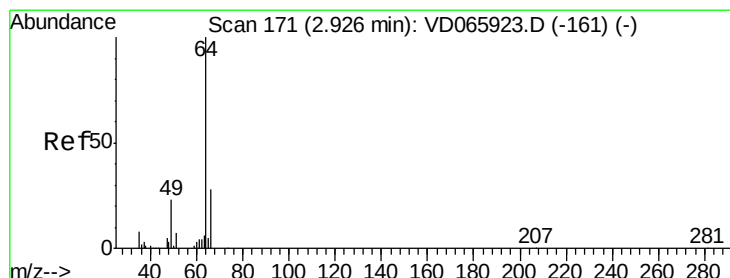
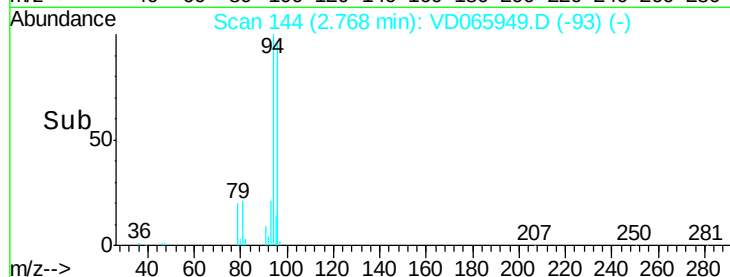
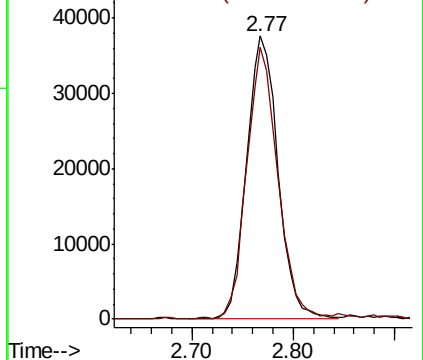
94 100

96 95.9 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 41.209 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065949.D

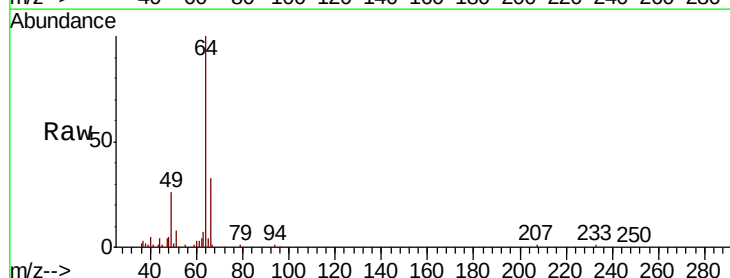
Acq: 10 Jul 2020 15:51

Tgt Ion: 64 Resp: 75407

Ion Ratio Lower Upper

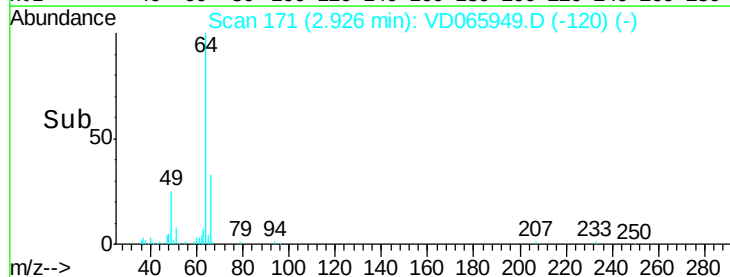
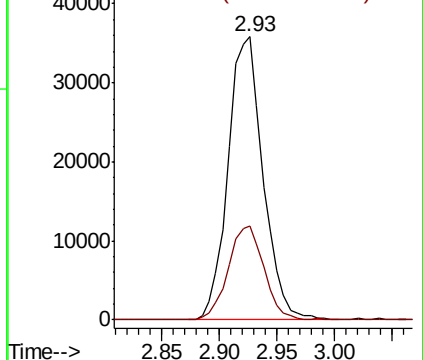
64 100

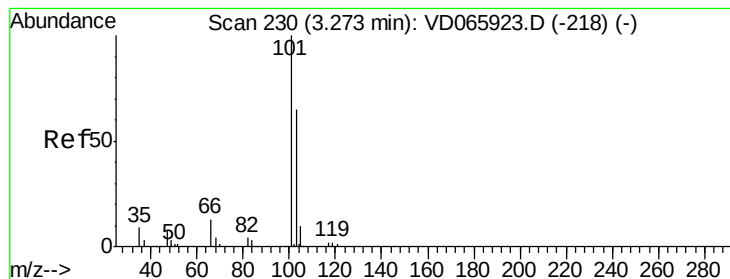
66 33.3 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



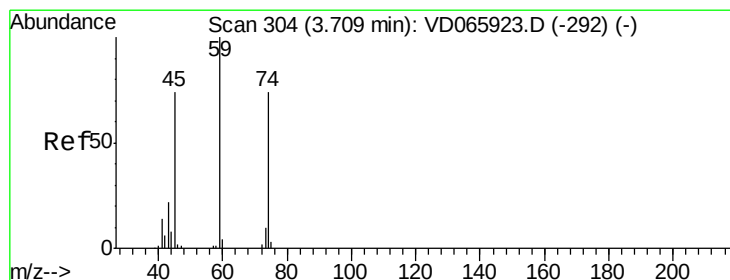
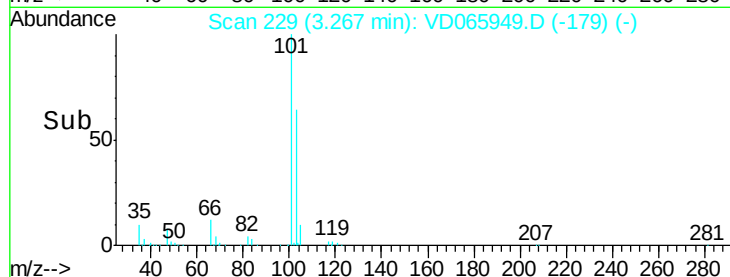
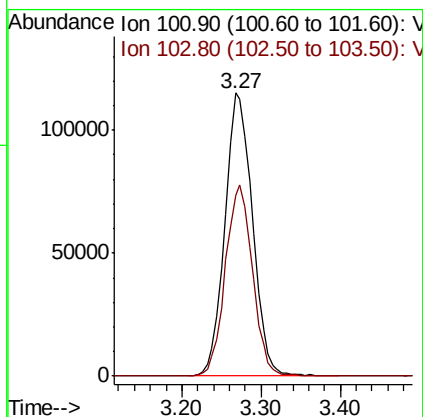
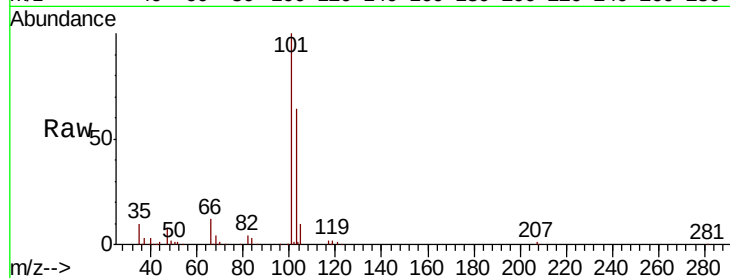


#7

Trichlorofluoromethane
 Concen: 42.304 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

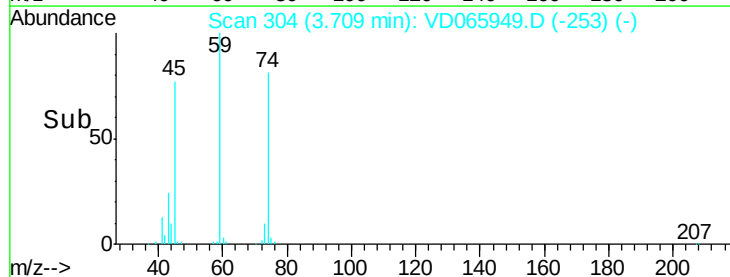
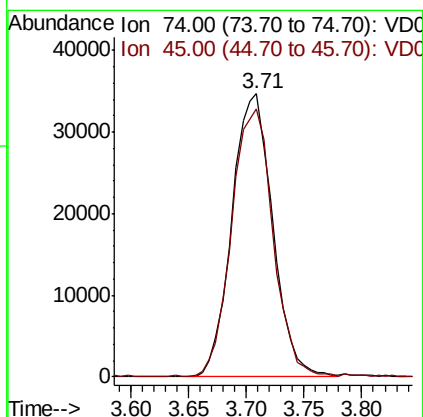
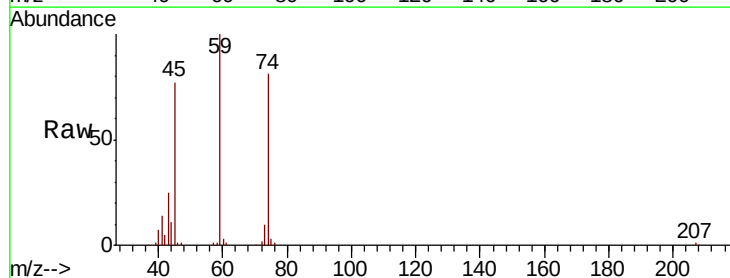
Tot Ion:101 Resp: 277546
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

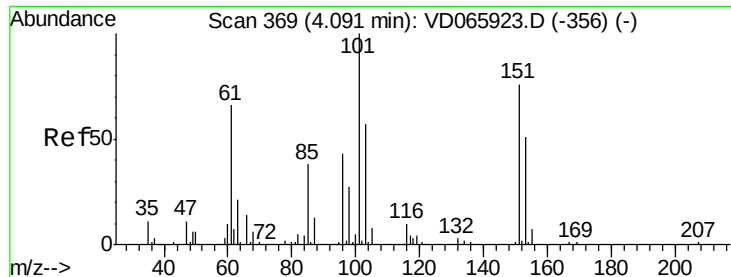


#8

Diethyl Ether
 Concen: 47.249 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 74 Resp: 85043
 Ion Ratio Lower Upper
 74 100
 45 96.2 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.553 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

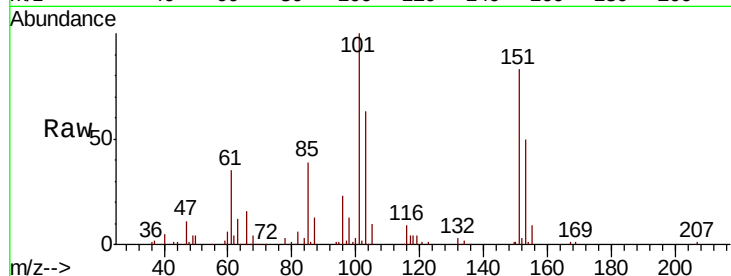
Tot Ion:101 Resp: 170917

Ion Ratio Lower Upper

101 100

85 43.4 33.8 50.8

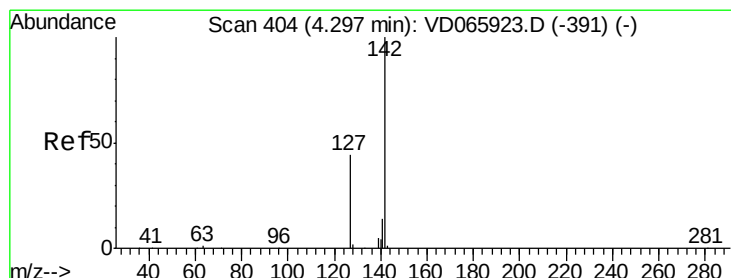
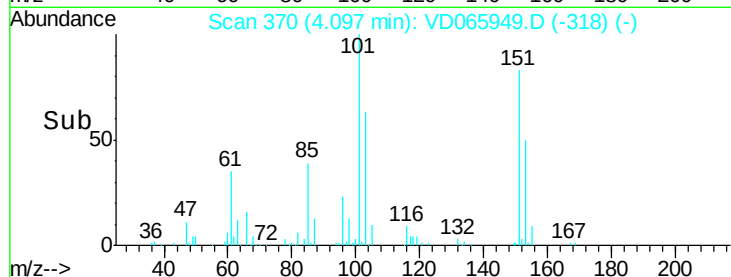
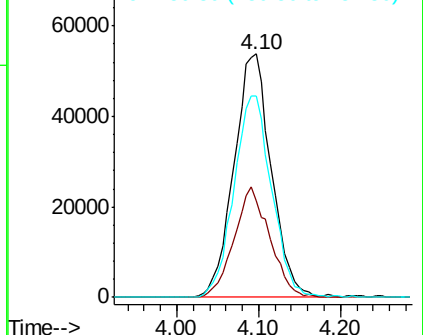
151 83.5 64.1 96.1



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: 45.331 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

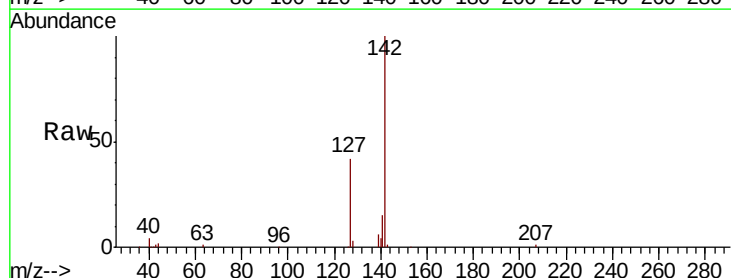
Tgt Ion:142 Resp: 186351

Ion Ratio Lower Upper

142 100

127 42.0 34.6 51.8

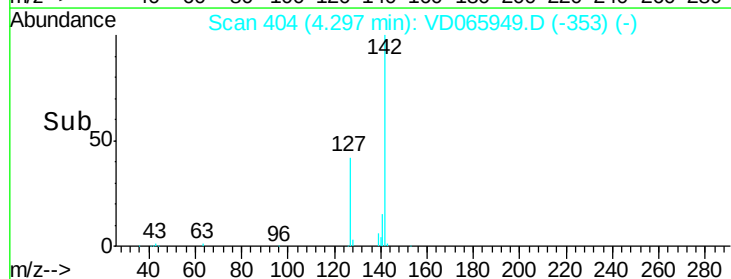
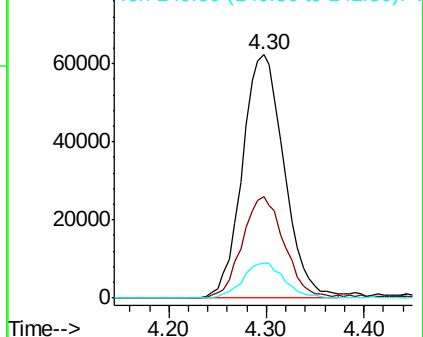
141 14.4 11.6 17.4

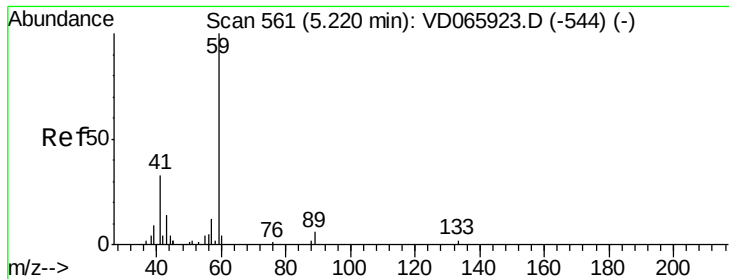


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

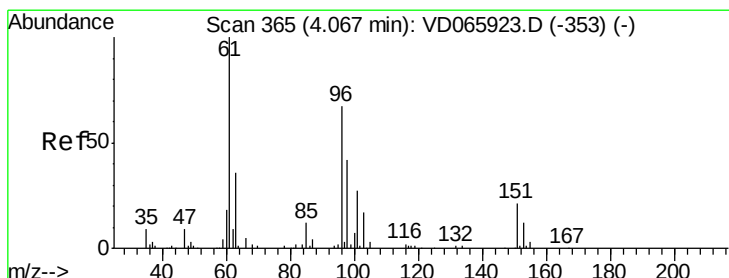
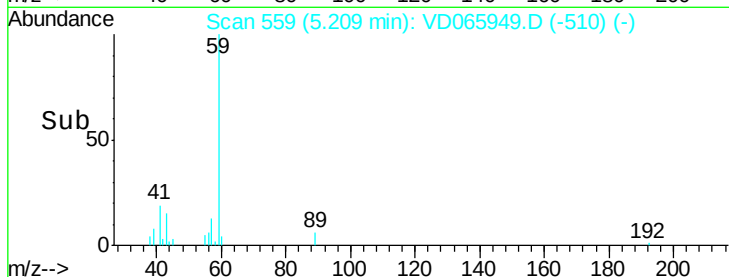
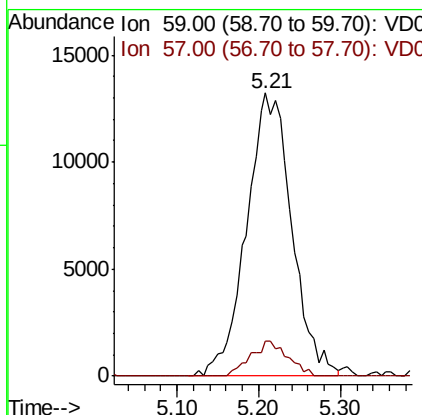
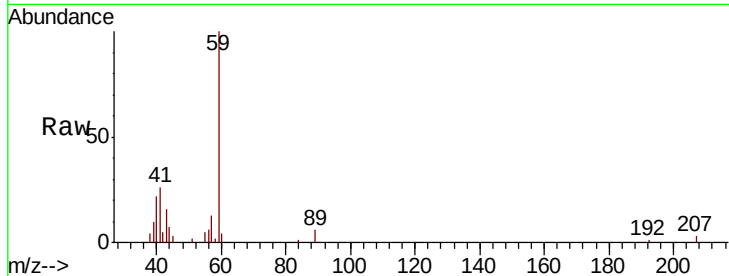




#11
Tert butyl alcohol
Concen: 240.515 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

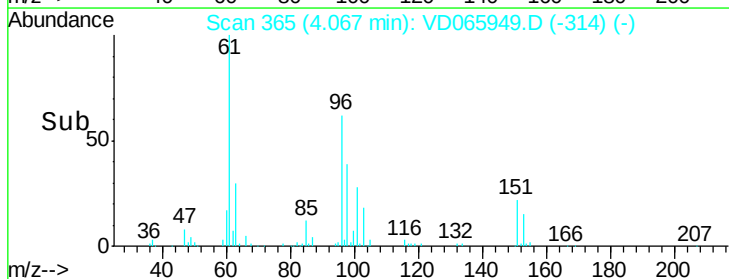
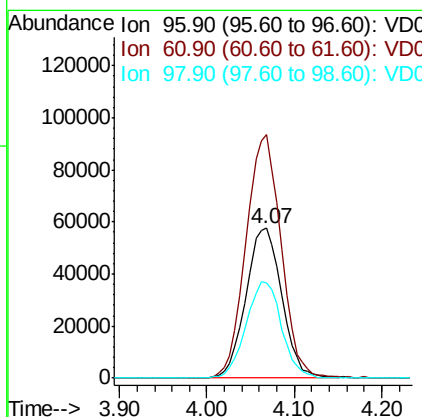
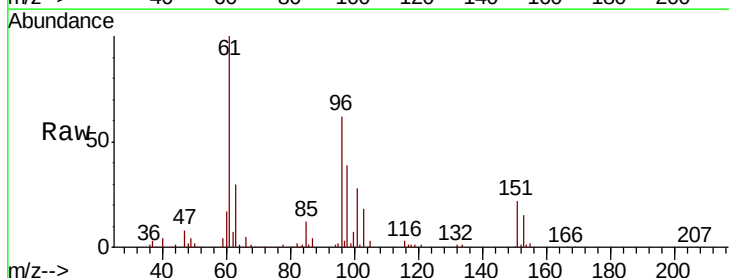
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

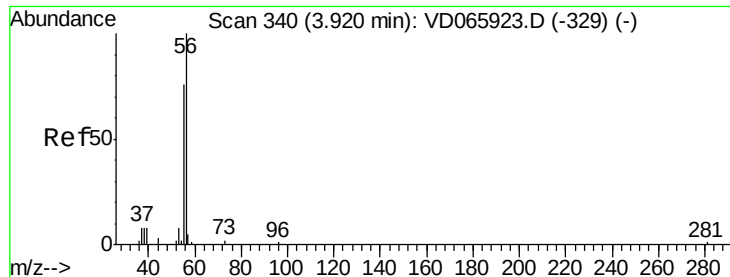
Tot Ion: 59 Resp: 50833
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1



#12
1,1-Dichloroethene
Concen: 43.926 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 96 Resp: 161044
Ion Ratio Lower Upper
96 100
61 162.2 120.2 180.2
98 63.6 50.6 76.0





#13

Acrolein

Concen: 267.755 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

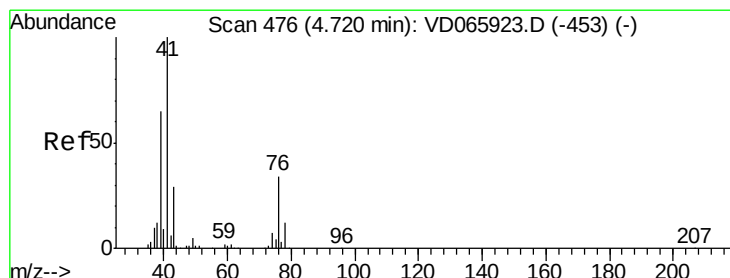
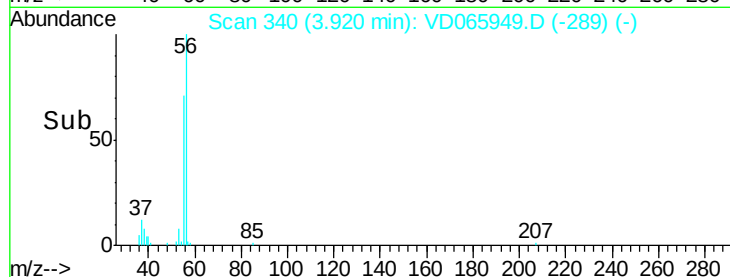
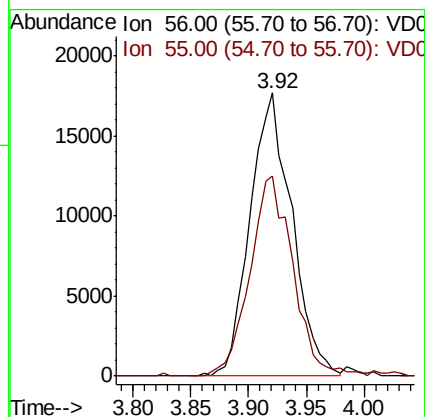
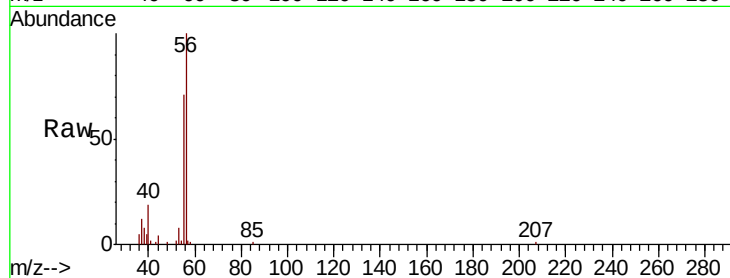
VSTDCCC050EC

Tot Ion: 56 Resp: 44678

Ion Ratio Lower Upper

56 100

55 72.4 55.0 82.6



#14

Allyl chloride

Concen: 44.228 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

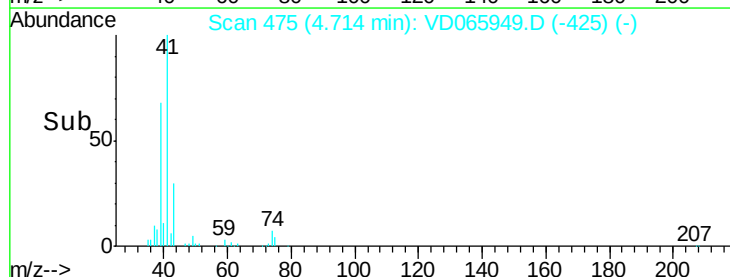
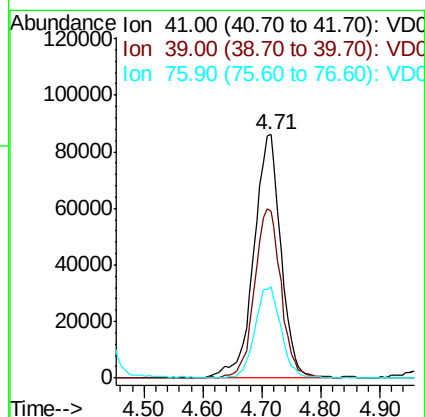
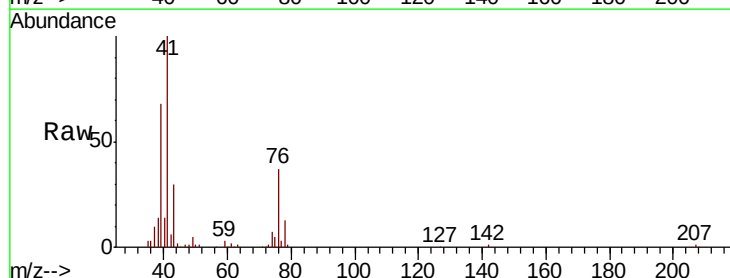
Tgt Ion: 41 Resp: 274789

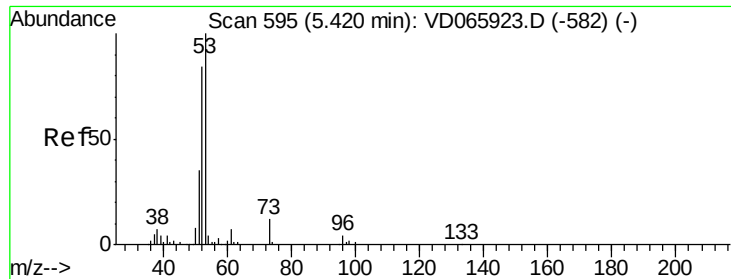
Ion Ratio Lower Upper

41 100

39 67.6 52.2 78.4

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 244.980 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

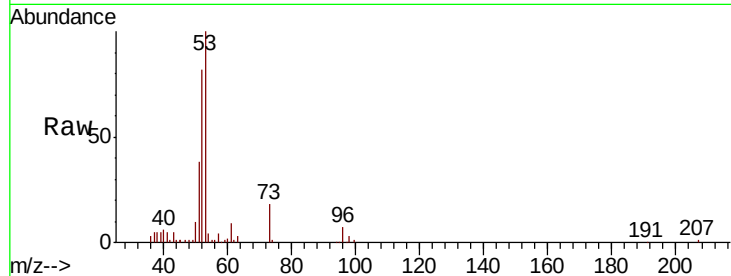
Tot Ion: 53 Resp: 193058

Ion Ratio Lower Upper

53 100

52 81.1 66.3 99.5

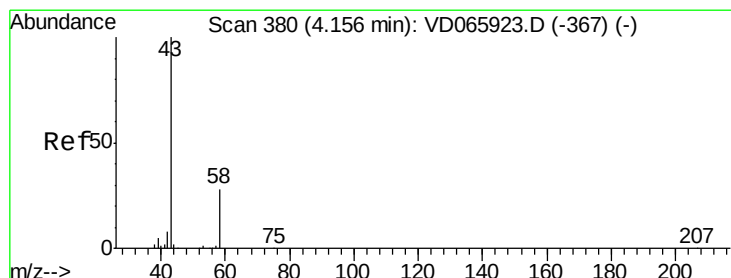
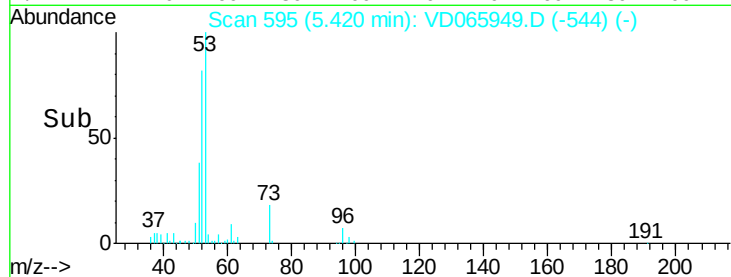
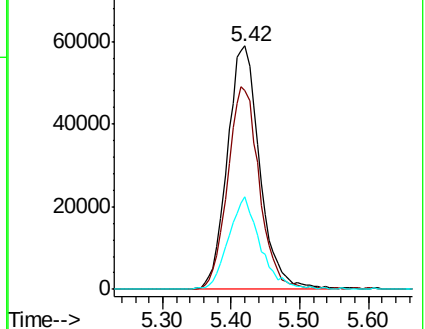
51 37.0 29.8 44.8



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: 241.096 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065949.D

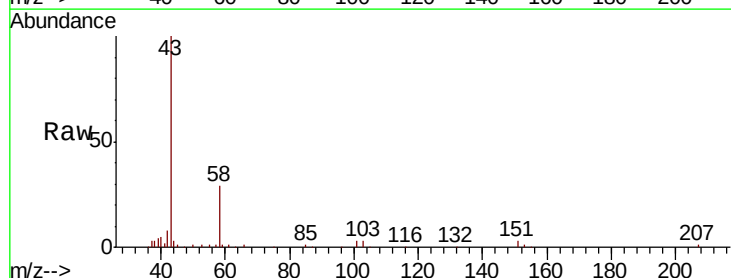
Acq: 10 Jul 2020 15:51

Tgt Ion: 43 Resp: 189430

Ion Ratio Lower Upper

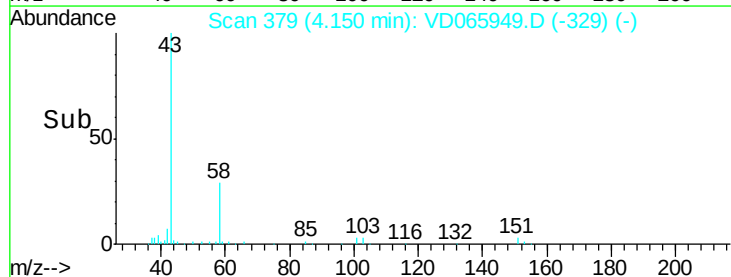
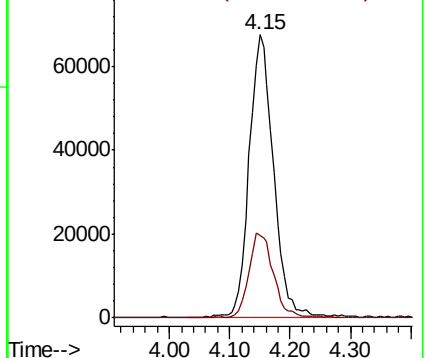
43 100

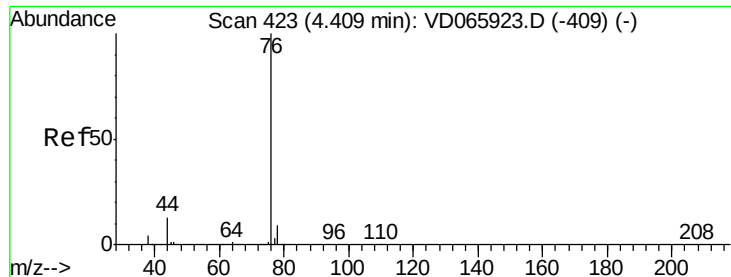
58 28.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 41.997 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

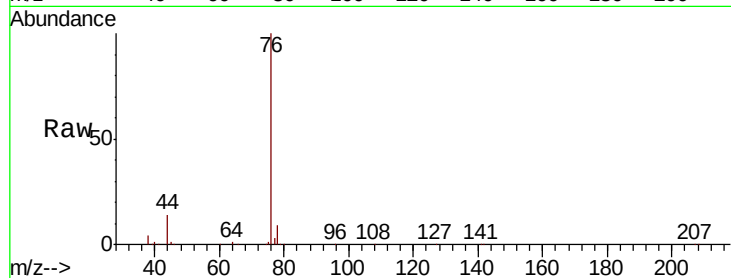
VSTDCCC050EC

Tot Ion: 76 Resp: 490600

Ion Ratio Lower Upper

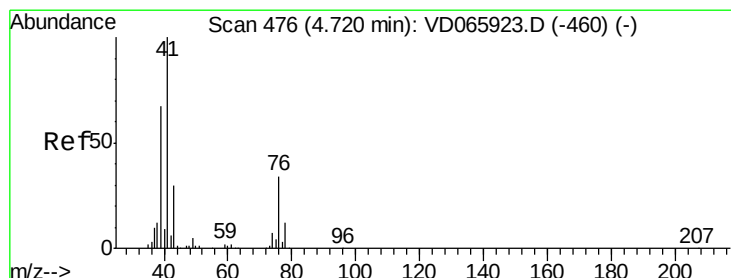
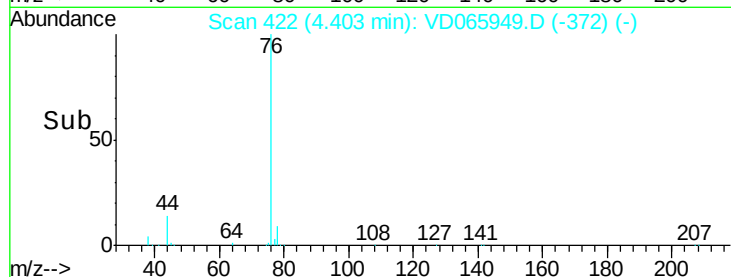
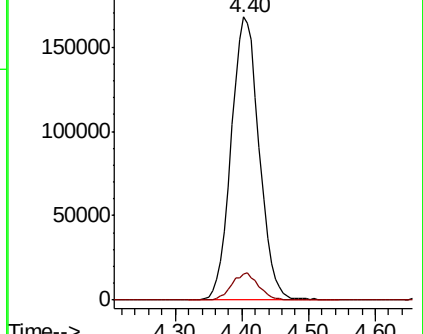
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.292 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065949.D

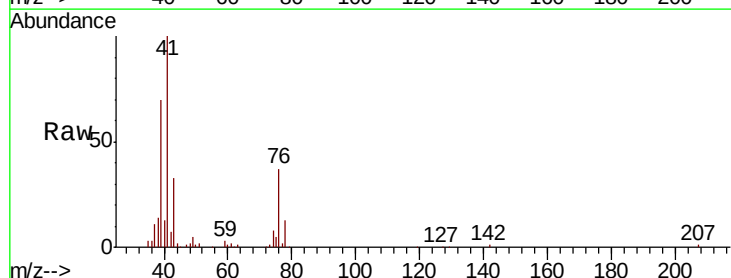
Acq: 10 Jul 2020 15:51

Tgt Ion: 43 Resp: 87101

Ion Ratio Lower Upper

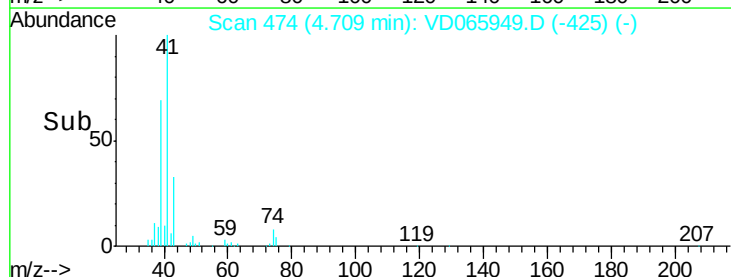
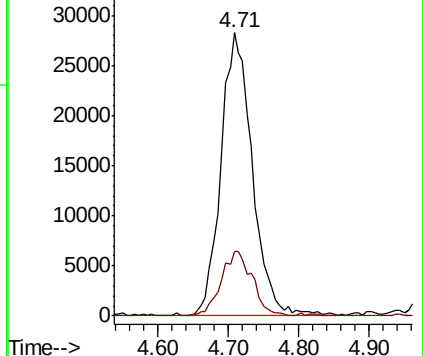
43 100

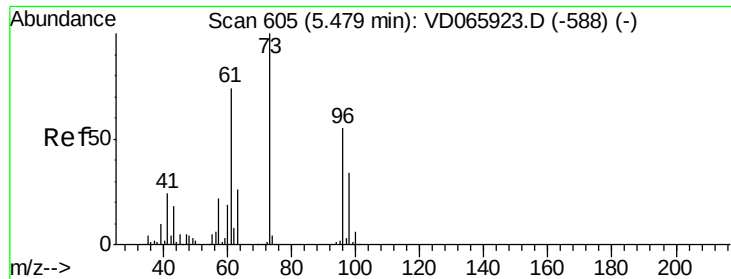
74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

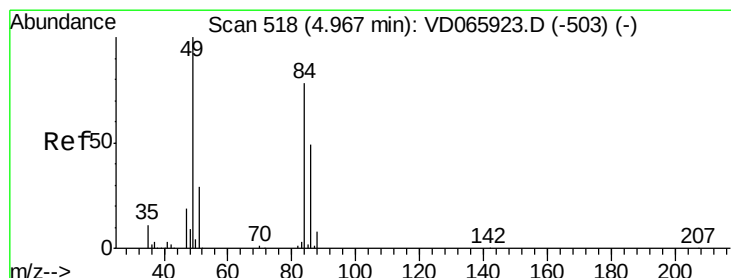
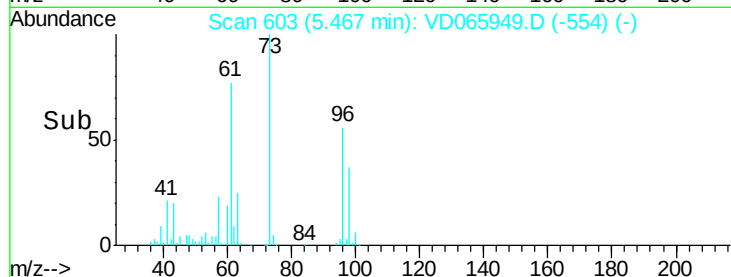
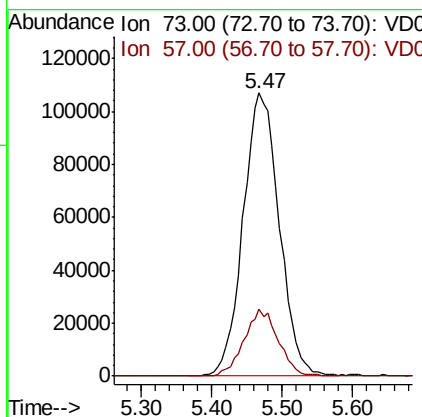
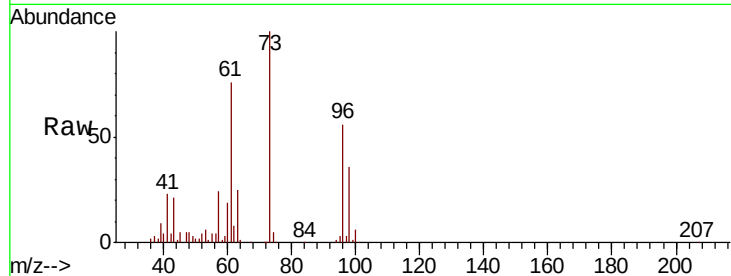




#19
Methyl tert-butyl Ether
Concen: 49.127 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

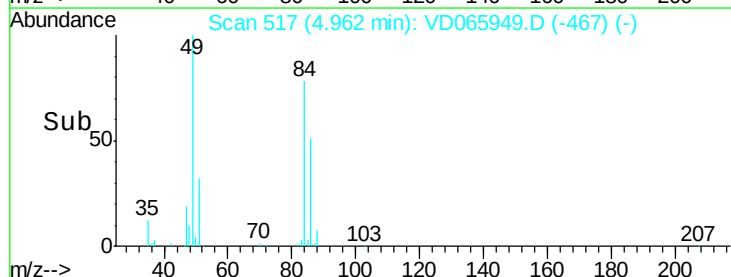
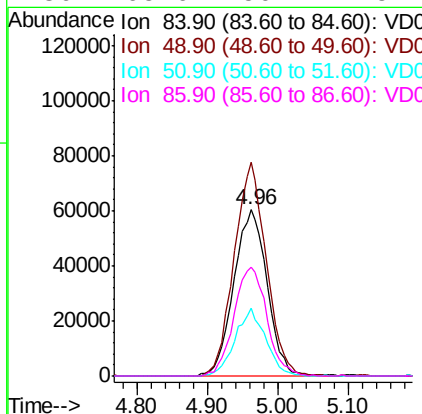
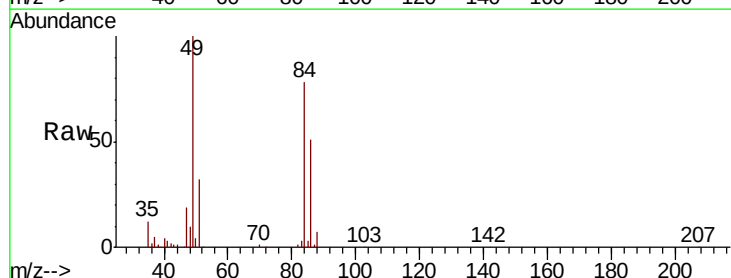
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

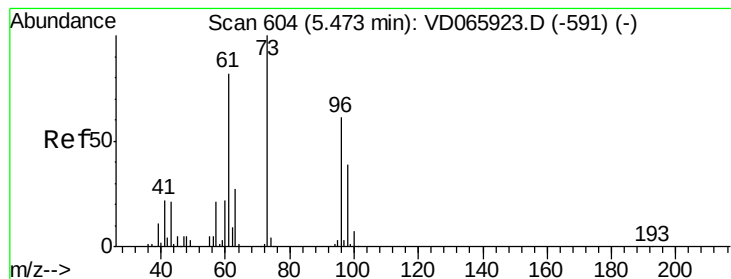
Tot Ion: 73 Resp: 381318
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 44.944 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 84 Resp: 198298
Ion Ratio Lower Upper
84 100
49 128.4 102.2 153.2
51 41.1 29.8 44.6
86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.755 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

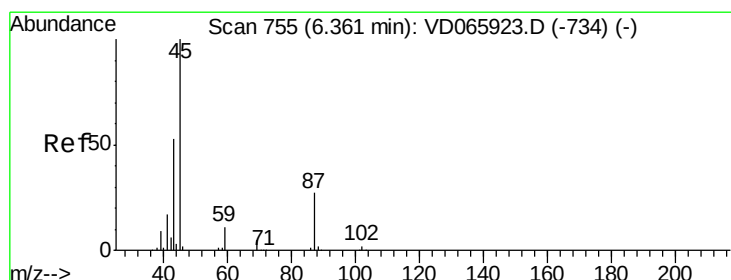
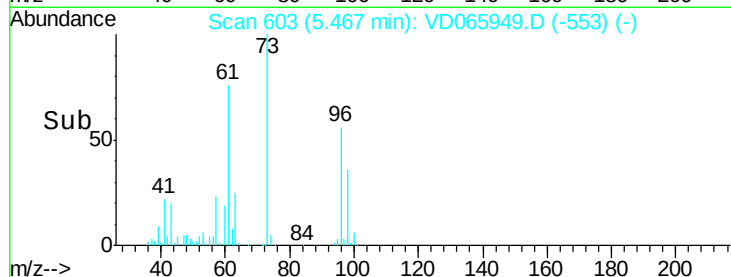
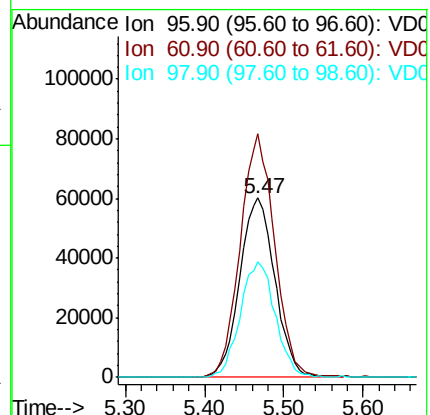
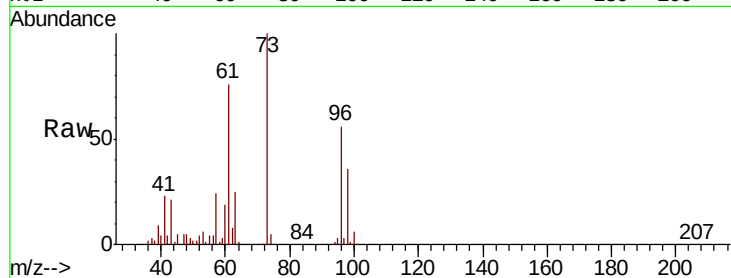
Tot Ion: 96 Resp: 184608

Ion Ratio Lower Upper

96 100

61 136.0 106.6 160.0

98 64.9 51.0 76.6



#22

Diisopropyl ether

Concen: 46.885 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Tgt Ion: 45 Resp: 547427

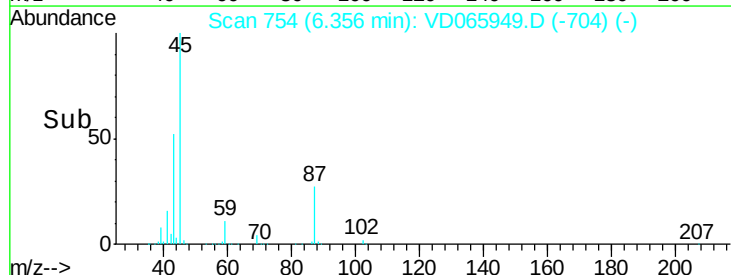
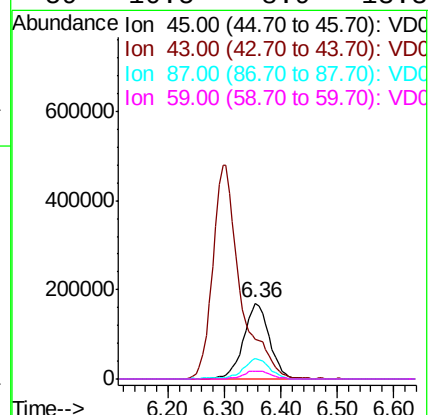
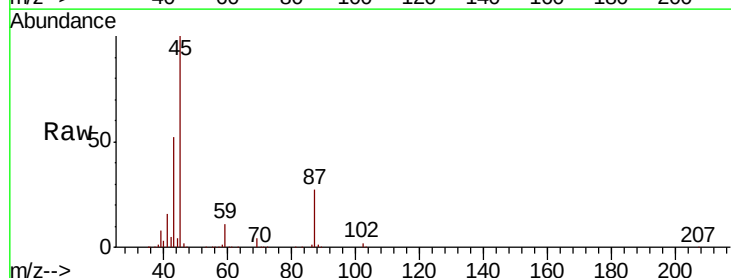
Ion Ratio Lower Upper

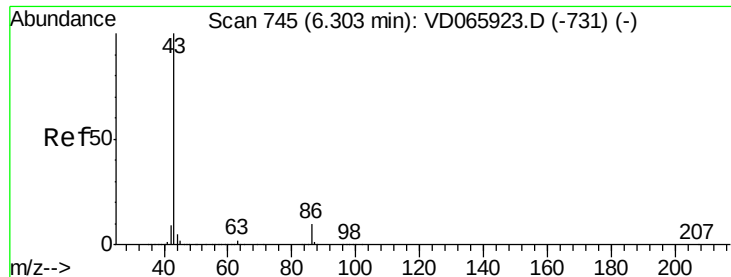
45 100

43 51.3 42.5 63.7

87 27.3 22.2 33.2

59 10.5 8.9 13.3





#23

Vinyl Acetate

Concen: 242.500 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

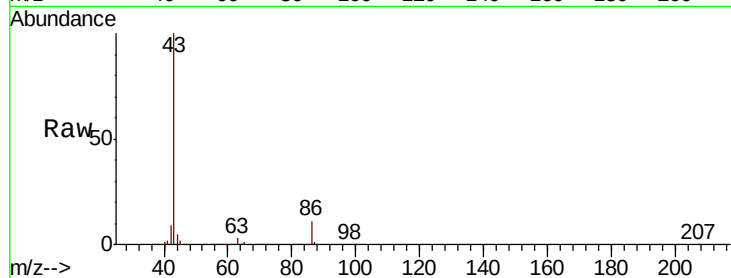
VSTDCCC050EC

Tot Ion: 43 Resp: 1616147

Ion Ratio Lower Upper

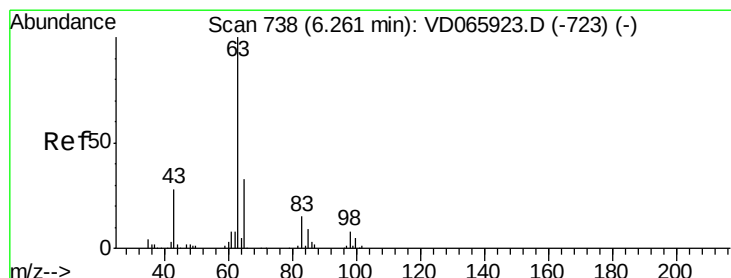
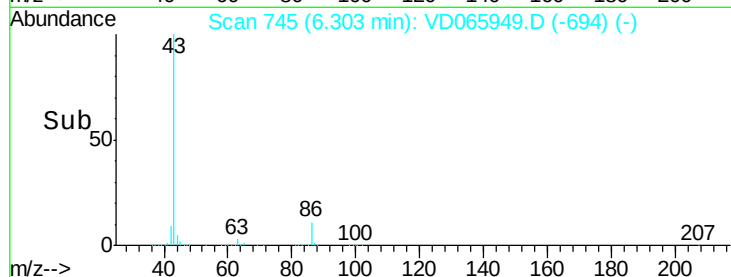
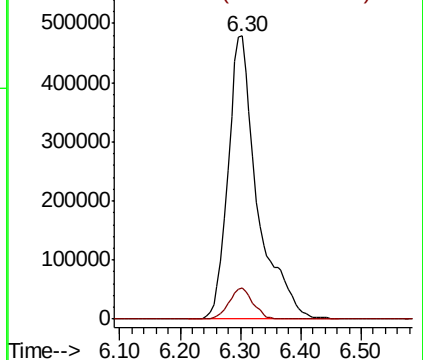
43 100

86 10.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.868 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

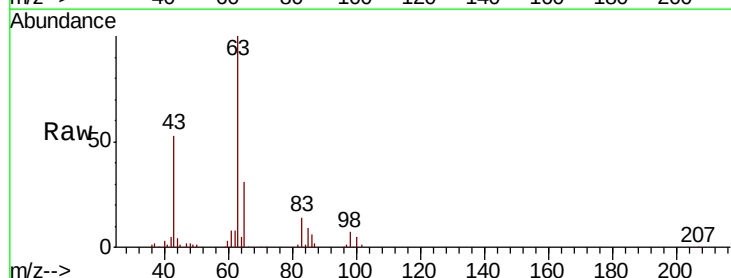
Tgt Ion: 63 Resp: 319339

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

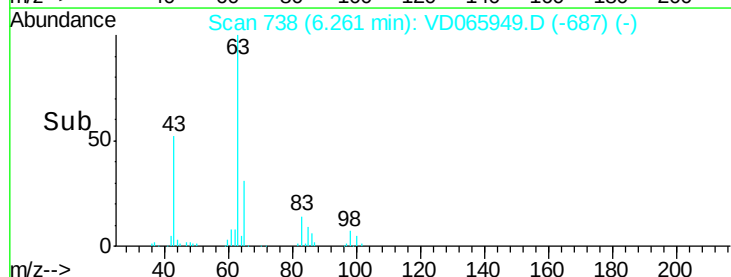
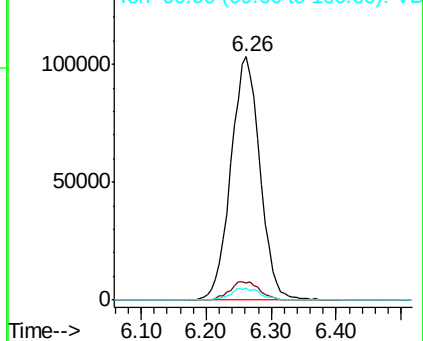
100 4.8 2.5 7.5

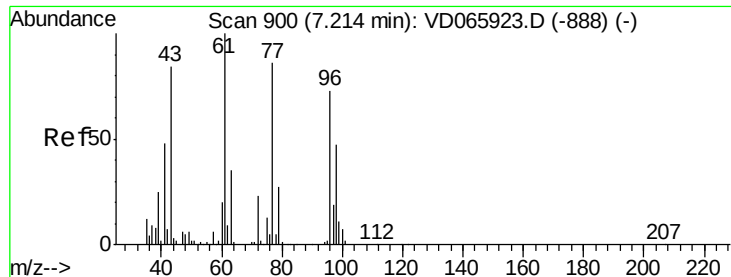


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 241.738 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

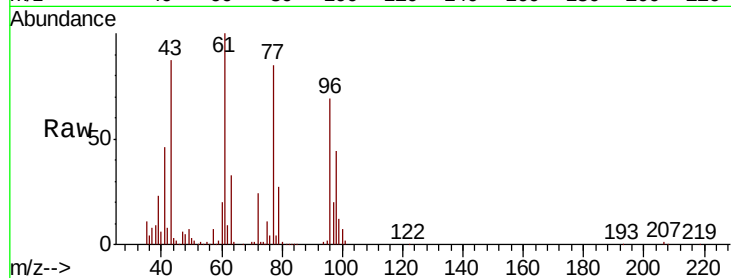
VSTDCCC050EC

Tot Ion: 43 Resp: 250980

Ion Ratio Lower Upper

43 100

72 27.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

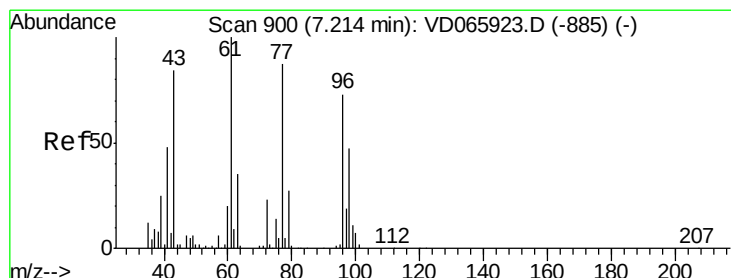
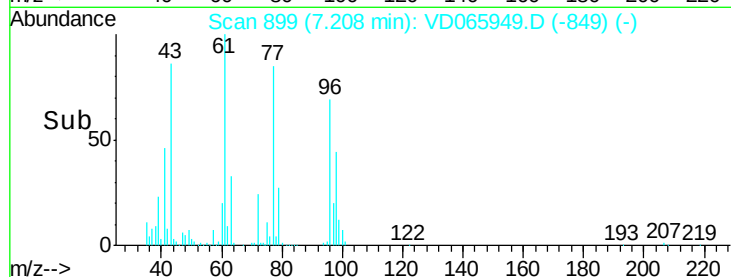
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 44.828 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065949.D

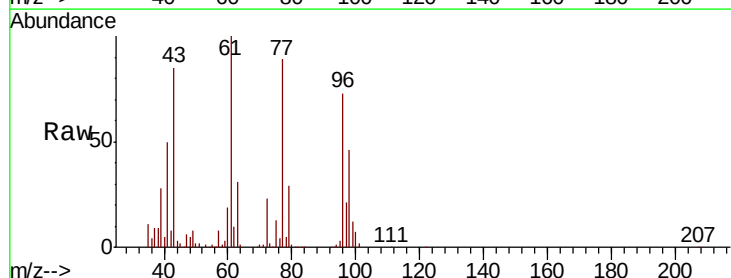
Acq: 10 Jul 2020 15:51

Tgt Ion: 77 Resp: 273034

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.20

100000

80000

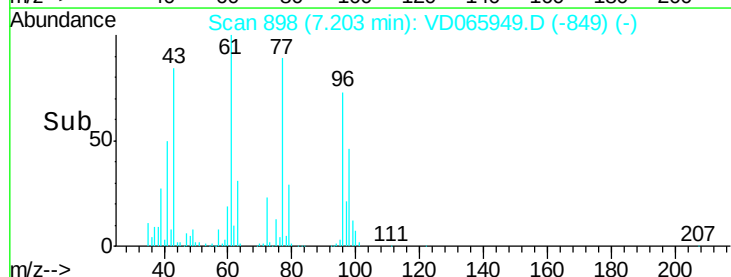
60000

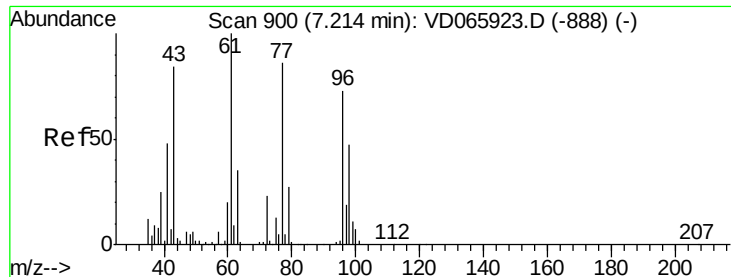
40000

20000

0

Time--> 7.10 7.20 7.30



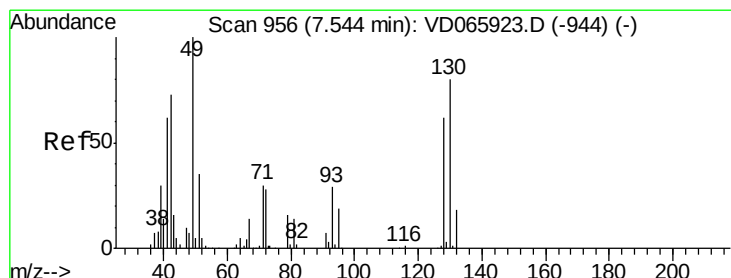
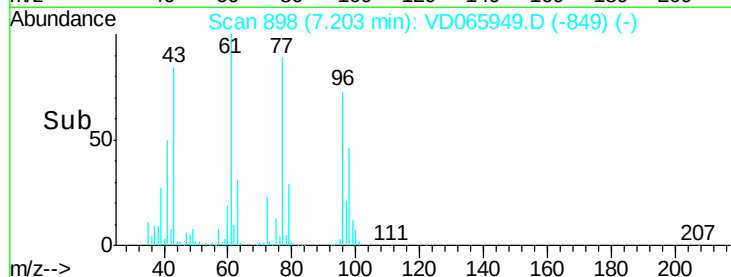
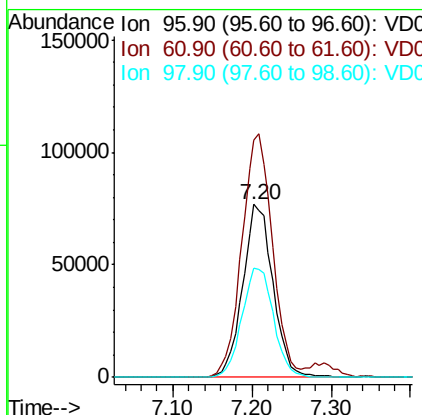
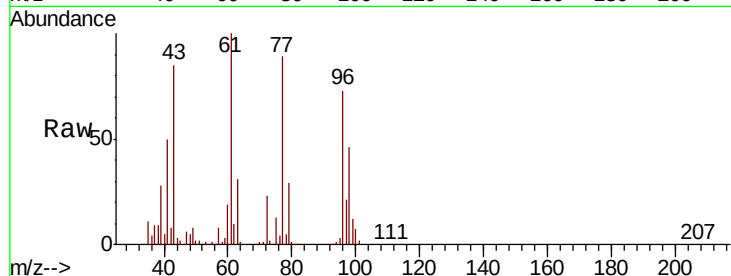


#27

cis-1,2-Dichloroethene
Concen: 46.037 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

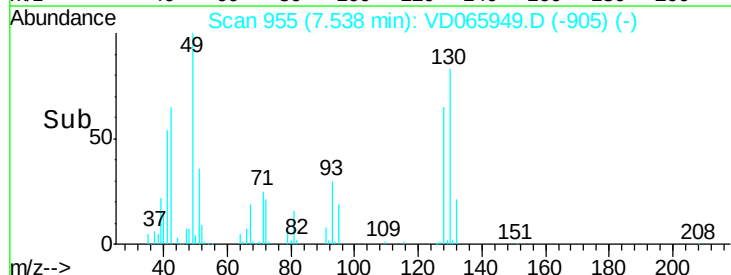
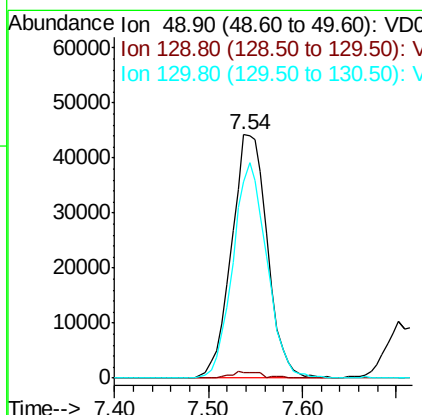
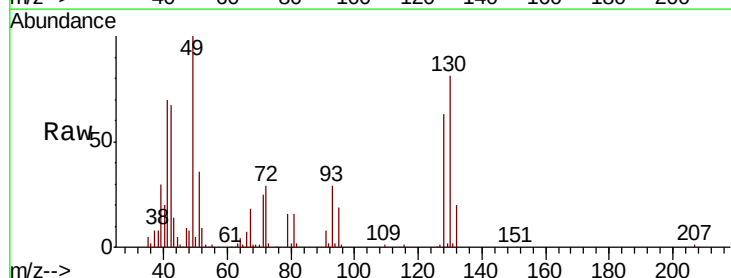
Tot Ion	96	Resp	204037
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.6
98	66.1	0.0	128.2

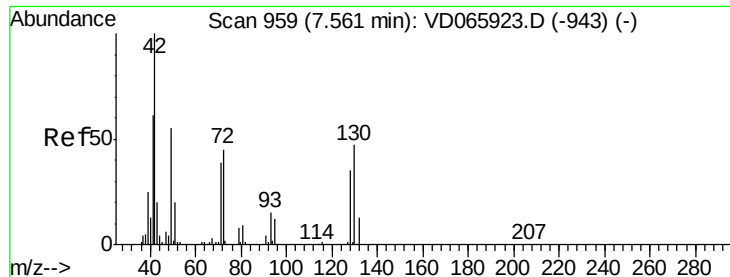


#28

Bromochloromethane
Concen: 44.366 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion	49	Resp	116686
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	84.2	65.8	98.8

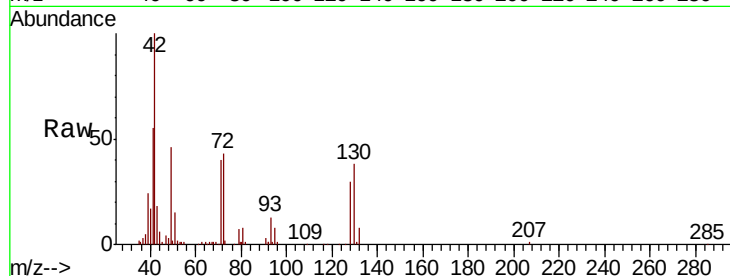




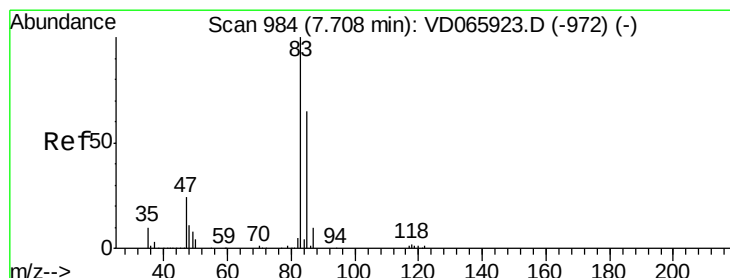
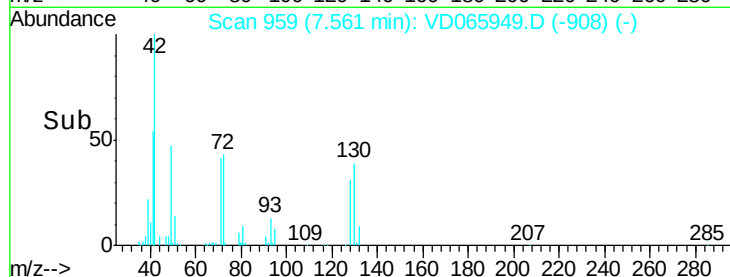
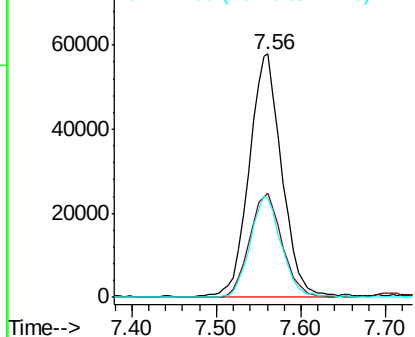
#29
Tetrahydrofuran
Concen: 237.002 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 156467
Ion Ratio Lower Upper
42 100
72 42.4 32.8 49.2
71 39.4 31.0 46.4

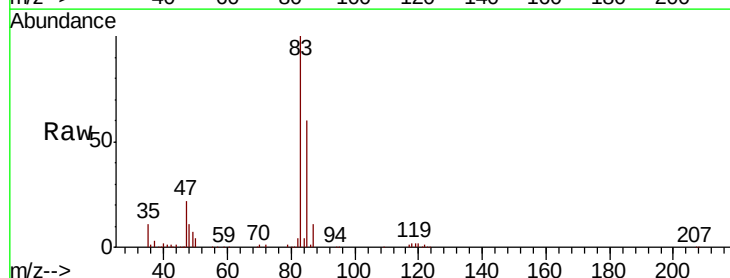


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

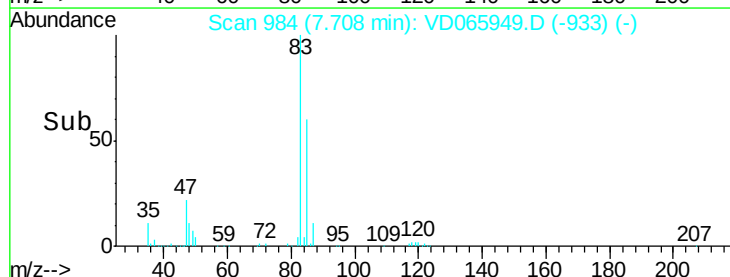
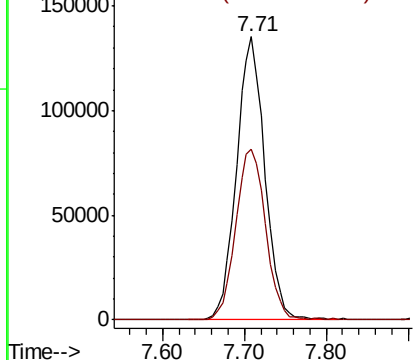


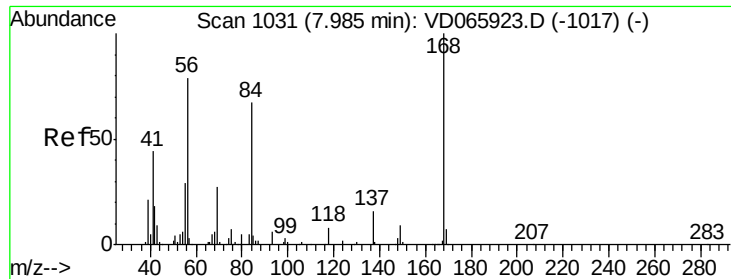
#30
Chloroform
Concen: 45.939 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 83 Resp: 324244
Ion Ratio Lower Upper
83 100
85 60.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

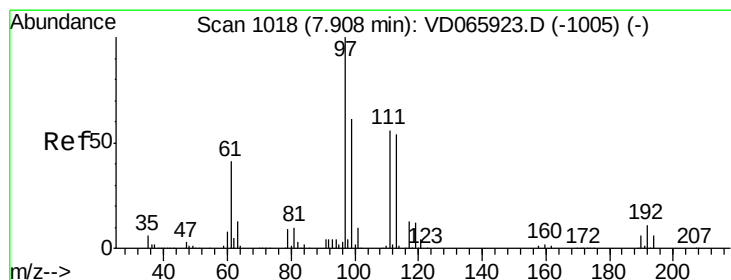
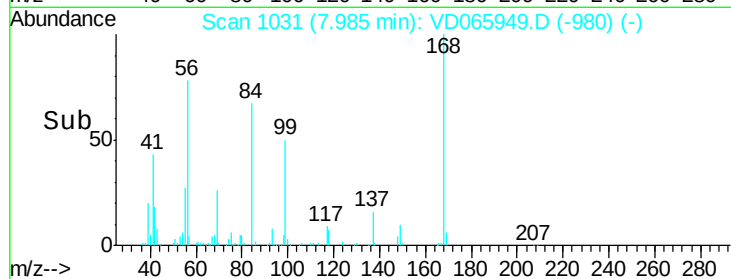
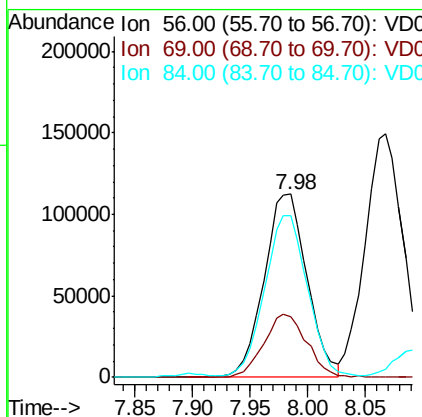
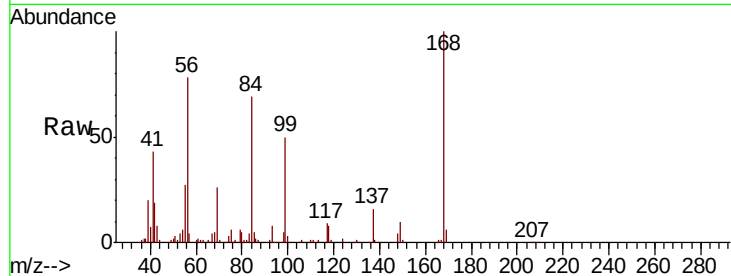




#31
Cyclohexane
Concen: 42.593 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

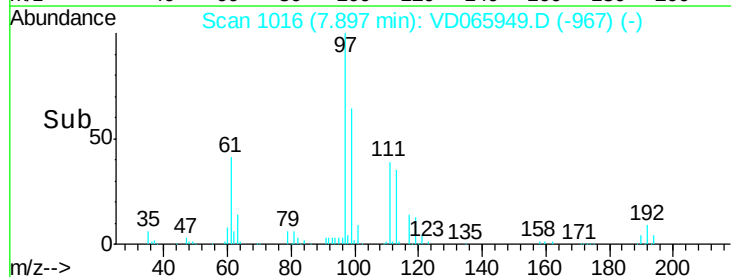
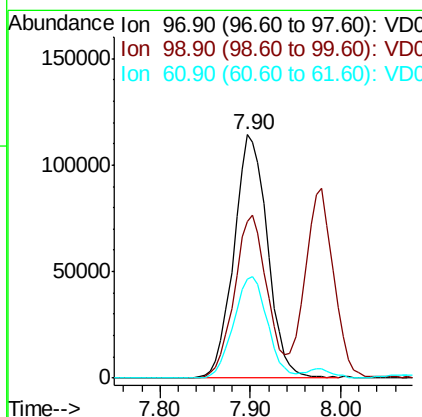
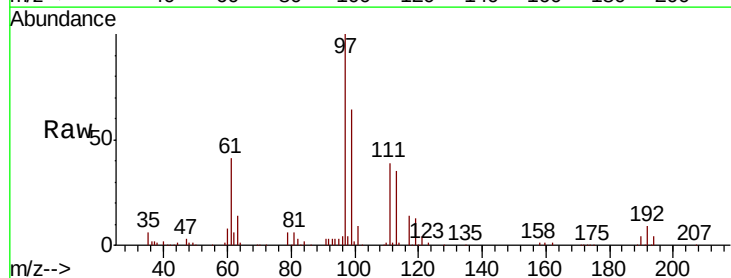
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

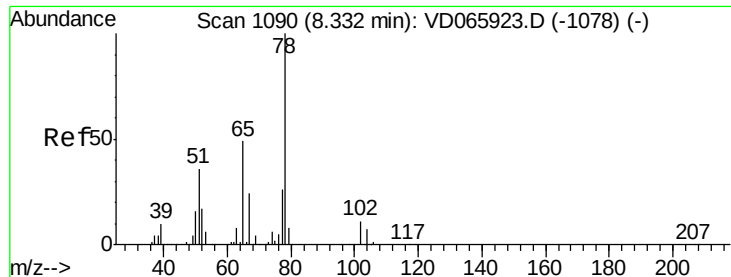
Tot Ion: 56 Resp: 291769
Ion Ratio Lower Upper
56 100
69 32.8 27.4 41.0
84 86.4 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 45.635 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 97 Resp: 293945
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 41.9 33.6 50.4

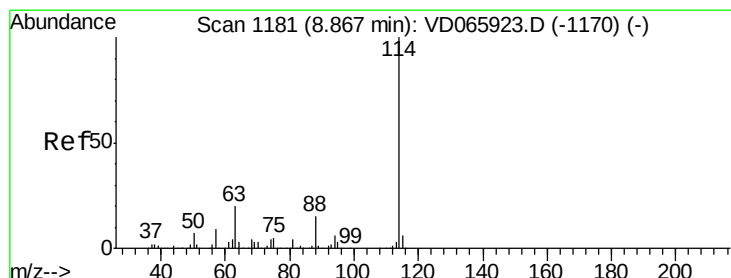
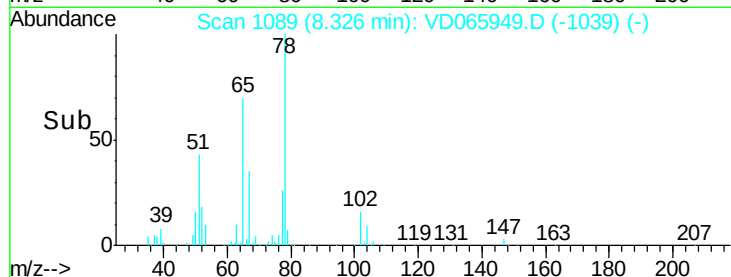
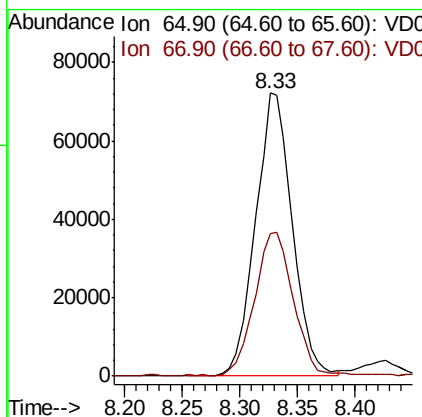
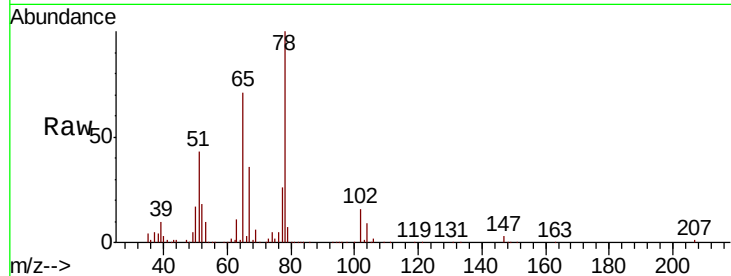




#33
 1,2-Dichloroethane-d4
 Concen: 47.901 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

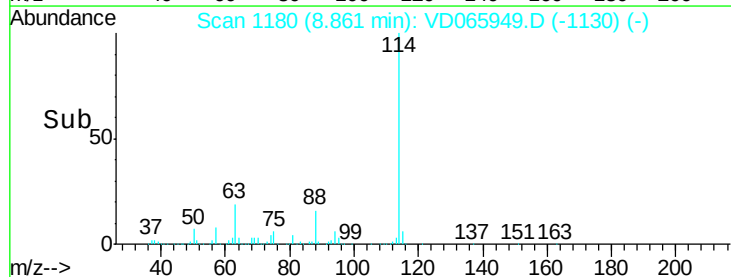
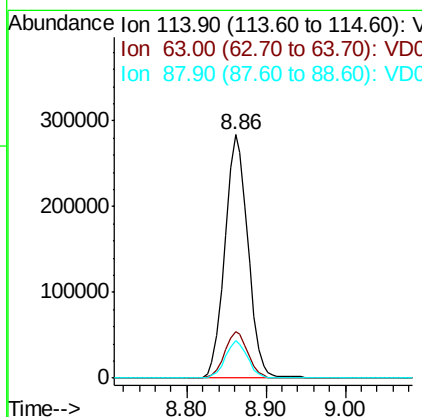
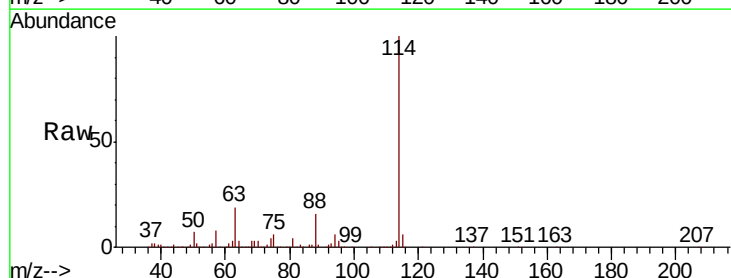
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

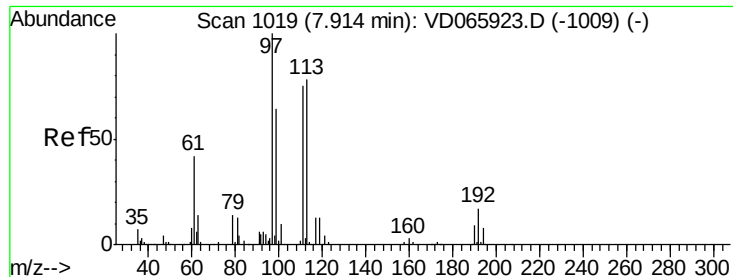
Tot Ion: 65 Resp: 160590
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 114 Resp: 569919
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.5 0.0 30.0

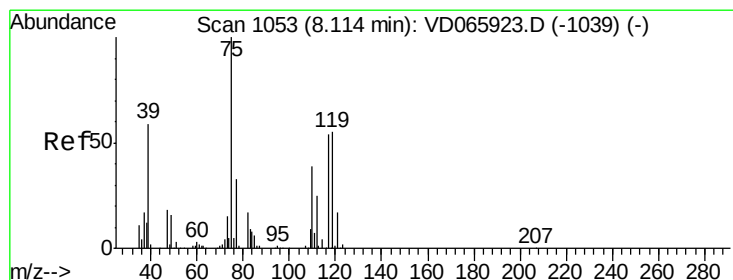
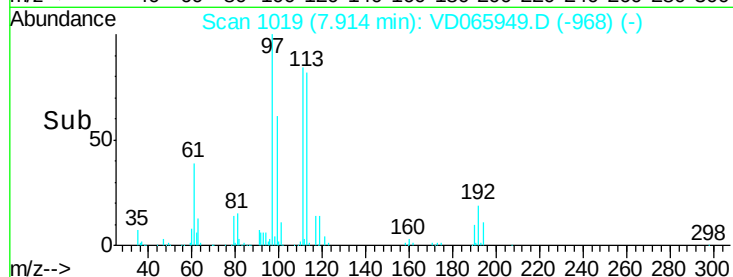
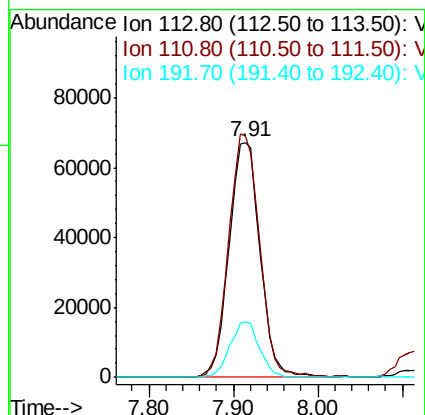
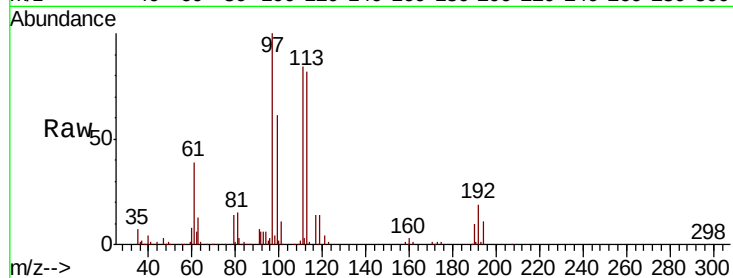




#35
 Dibromofluoromethane
 Concen: 48.212 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

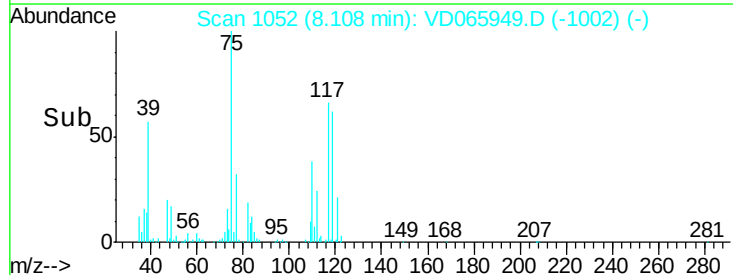
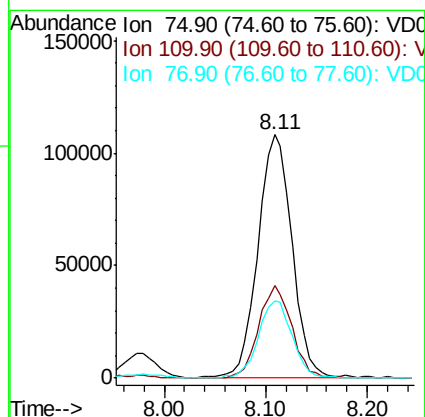
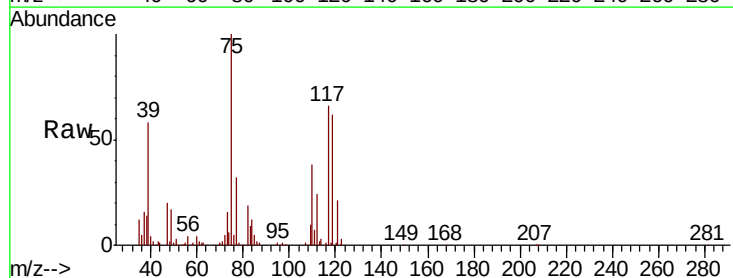
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

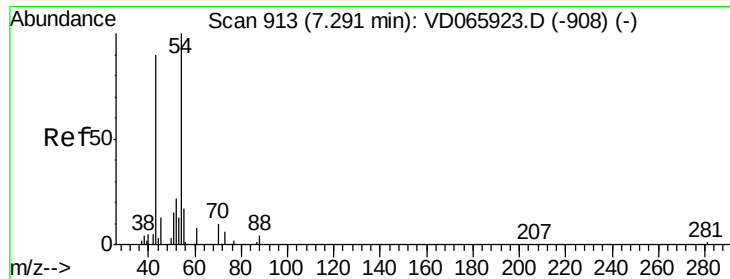
Tot Ion:113 Resp: 169503
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.9 121.3
 192 22.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 44.551 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 75 Resp: 250770
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.5 55.5
 77 32.0 25.6 38.4

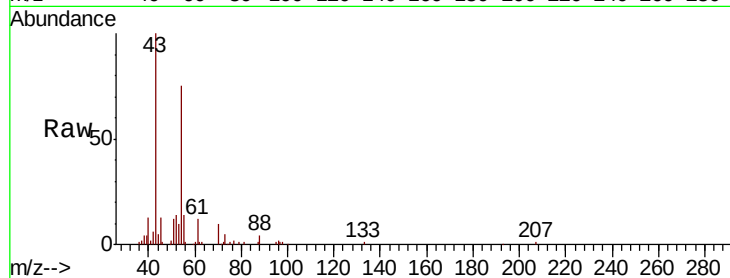




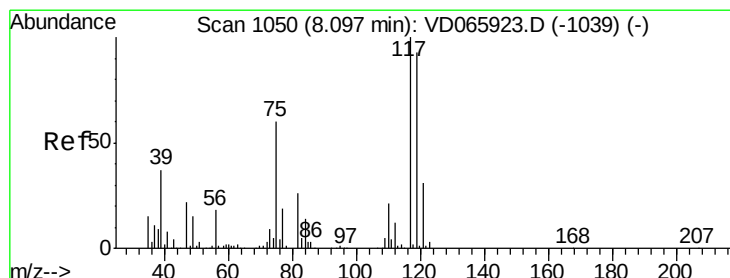
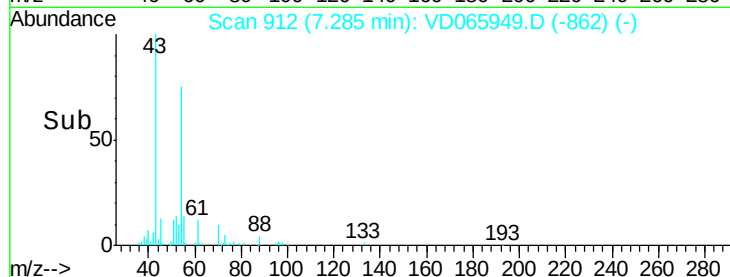
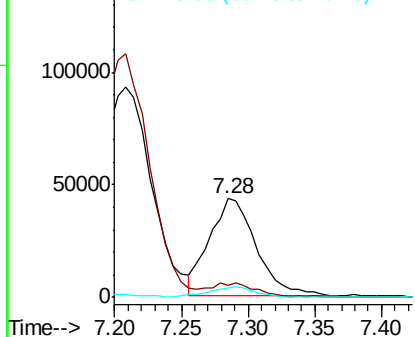
#37
Ethyl Acetate
Concen: 44.955 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 106024
Ion Ratio Lower Upper
43 100
61 14.3 9.4 14.0#
70 11.0 8.3 12.5

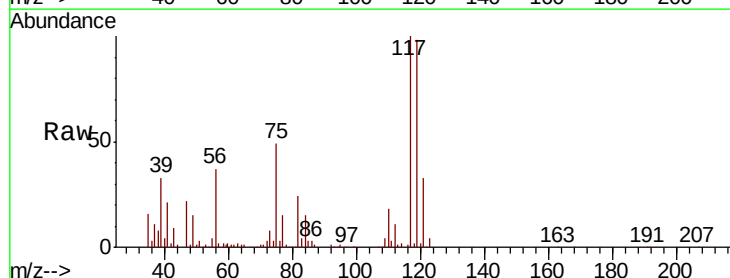


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

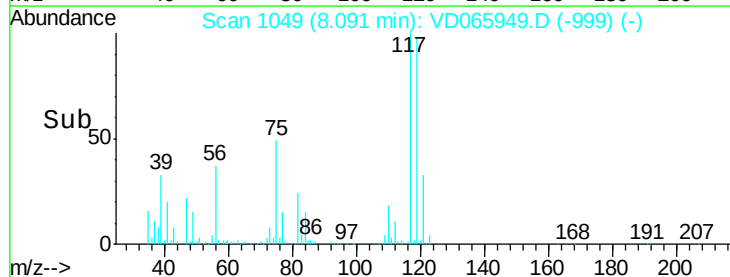
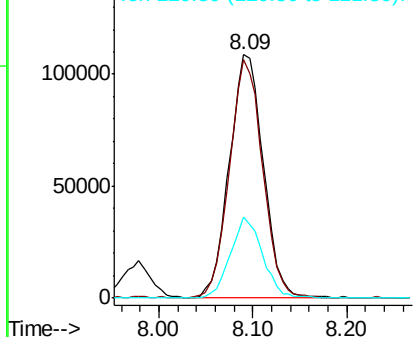


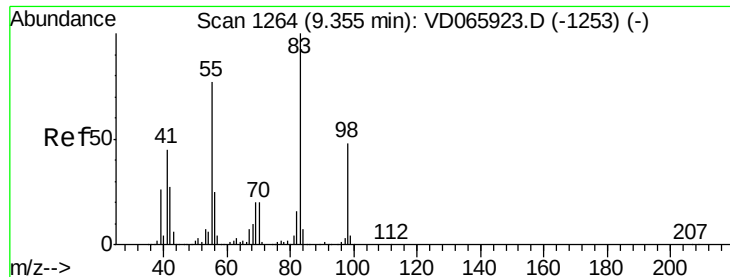
#38
Carbon Tetrachloride
Concen: 45.007 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 117 Resp: 271535
Ion Ratio Lower Upper
117 100
119 98.2 74.7 112.1
121 33.0 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

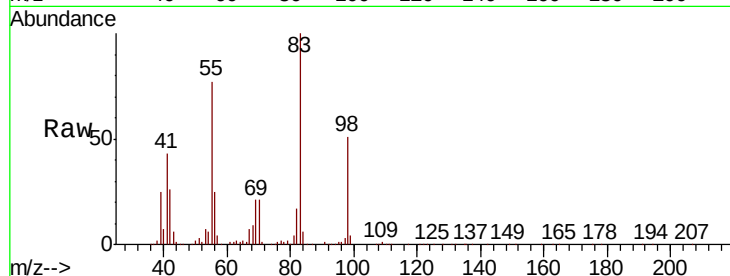




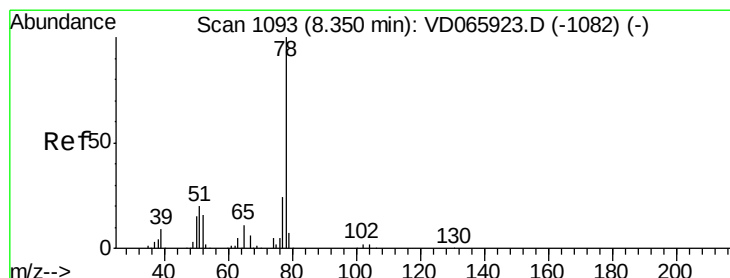
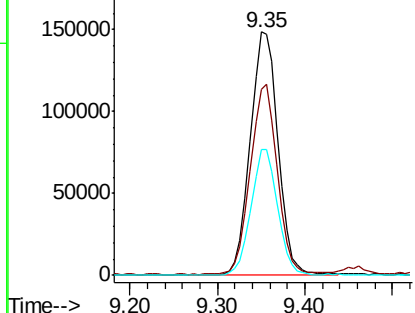
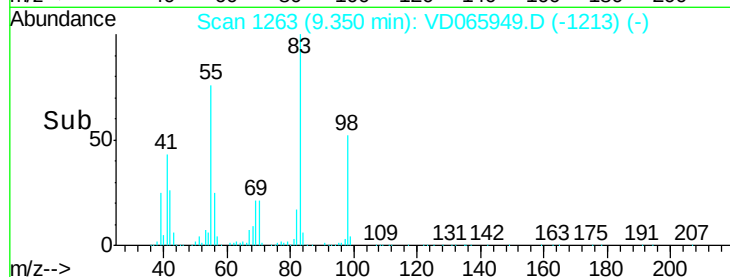
#39
Methylvlcyclohexane
Concen: 46.375 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 320476
Ion Ratio Lower Upper
83 100
55 76.2 61.7 92.5
98 51.5 38.6 58.0

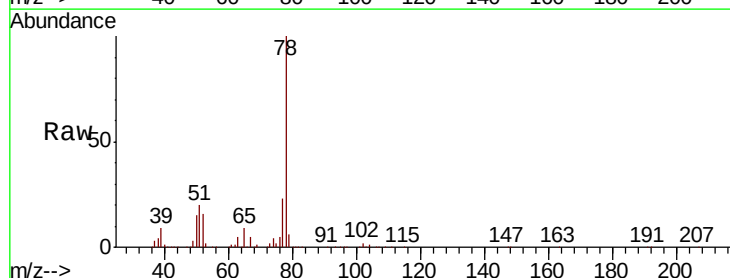


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

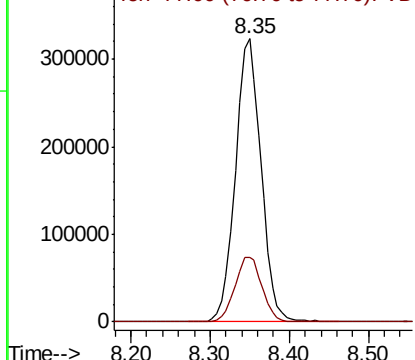
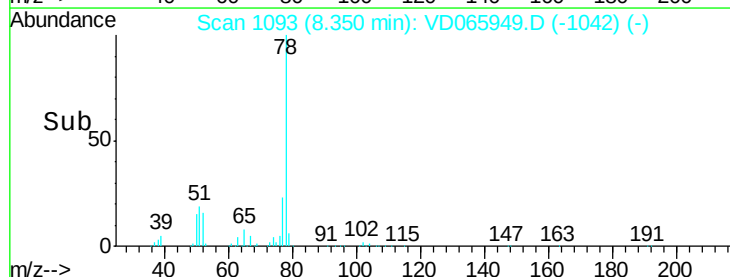


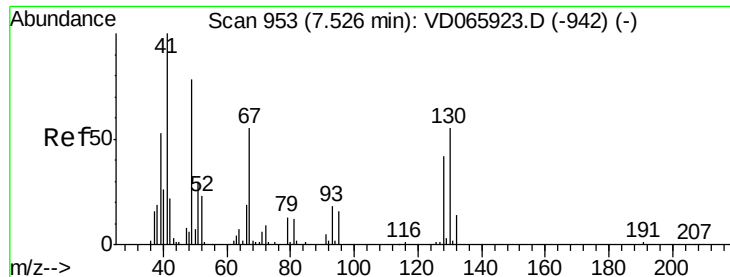
#40
Benzene
Concen: 46.501 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 78 Resp: 723098
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

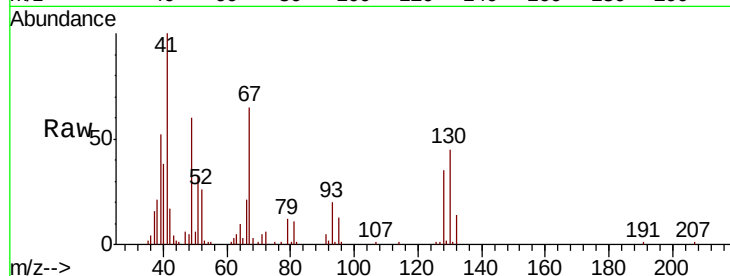




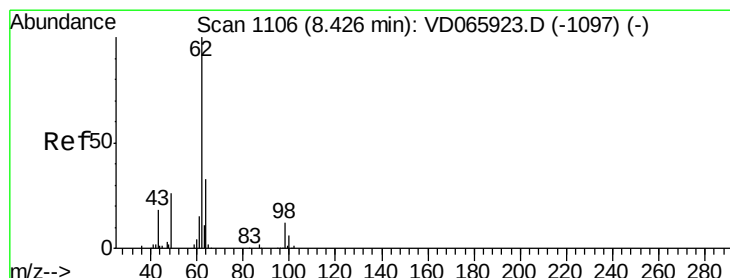
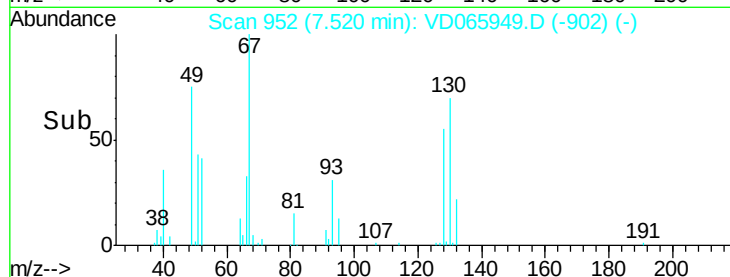
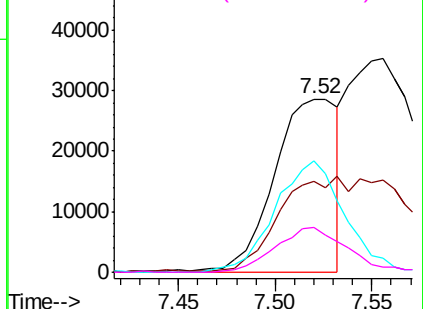
#41
Methacrylonitrile
Concen: 47.933 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 65635
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 53.6 80.4#
52 0.0 22.2 33.2#

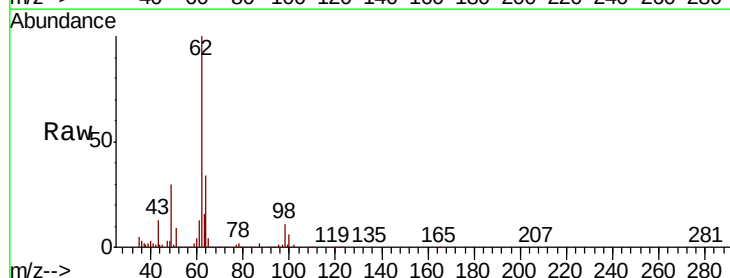


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

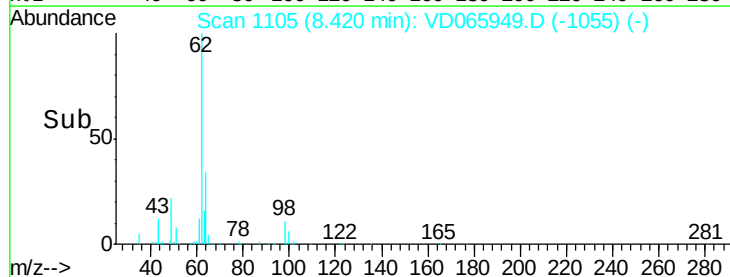
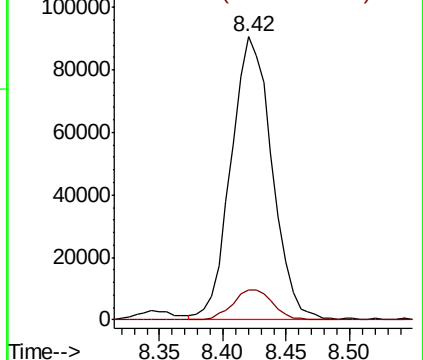


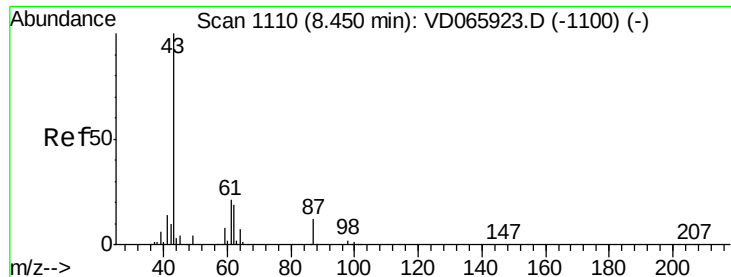
#42
1,2-Dichloroethane
Concen: 45.803 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 62 Resp: 201776
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.219 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

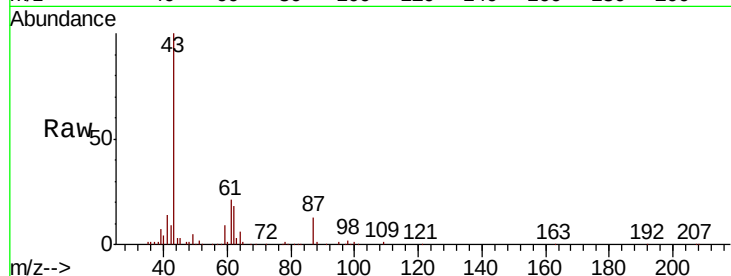
Tot Ion: 43 Resp: 216069

Ion Ratio Lower Upper

43 100

61 29.0 23.2 34.8

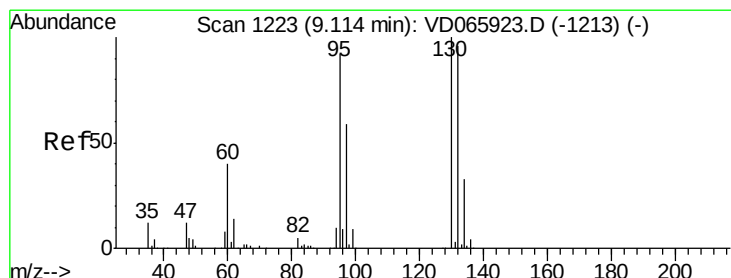
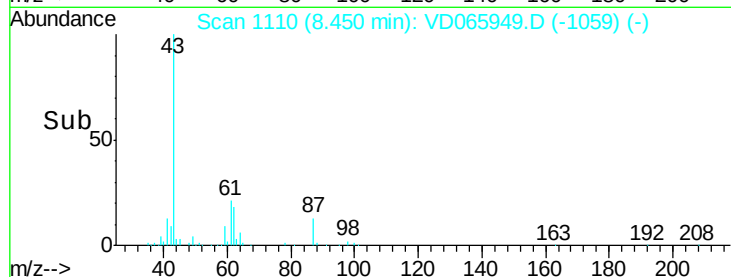
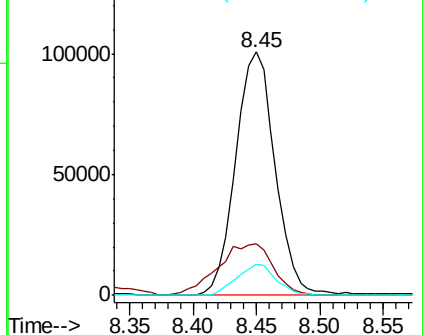
87 13.0 10.0 15.0



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: 46.886 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065949.D

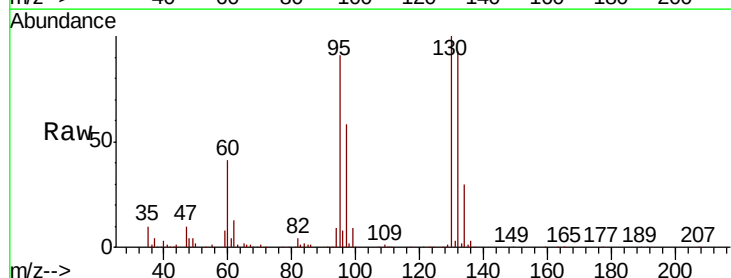
Acq: 10 Jul 2020 15:51

Tgt Ion:130 Resp: 214221

Ion Ratio Lower Upper

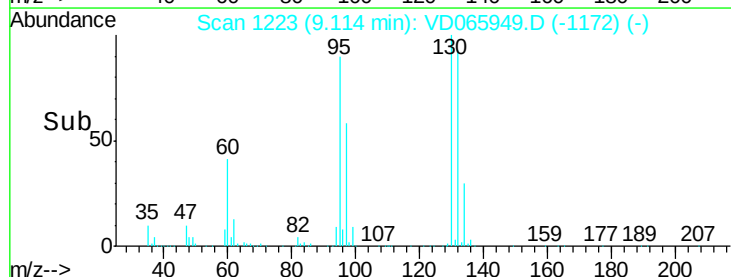
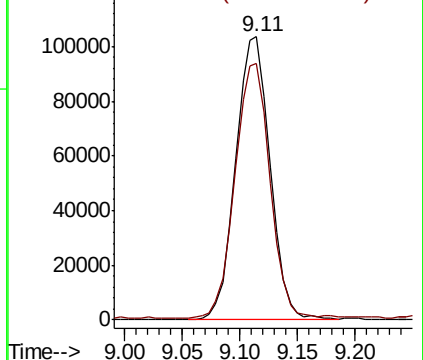
130 100

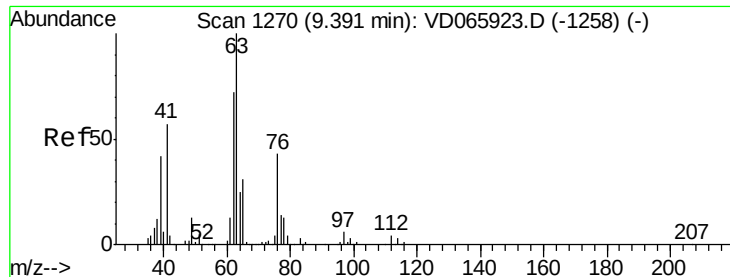
95 89.9 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

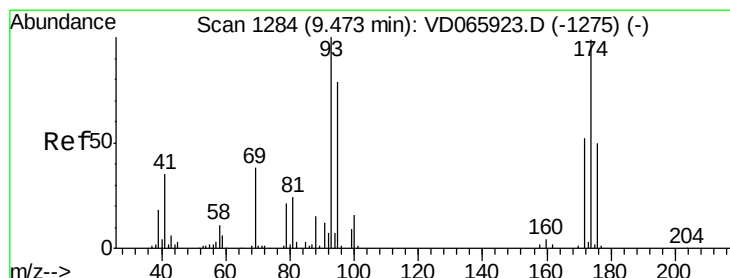
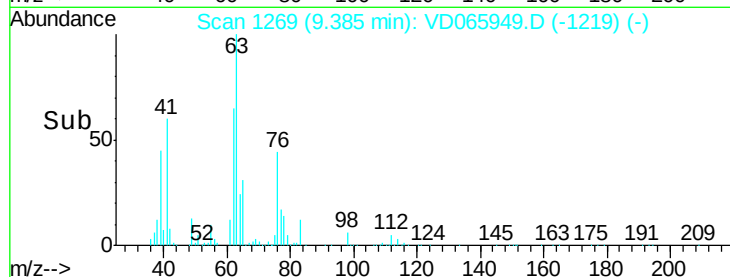
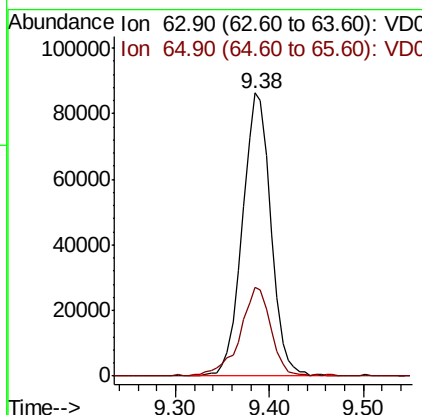
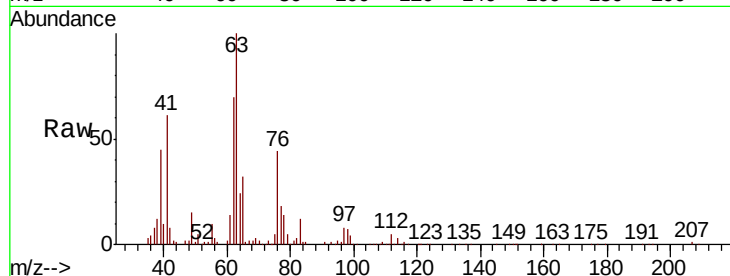




#45
 1,2-Dichloropropane
 Concen: 46.937 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

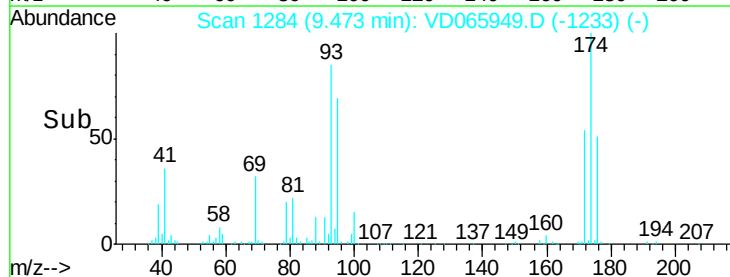
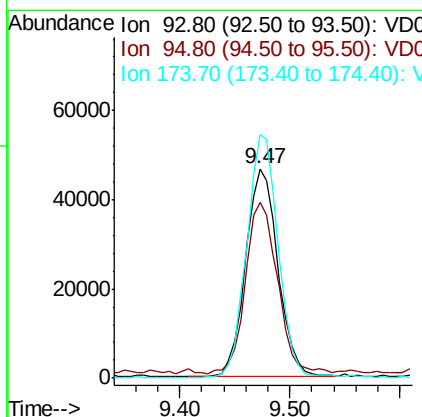
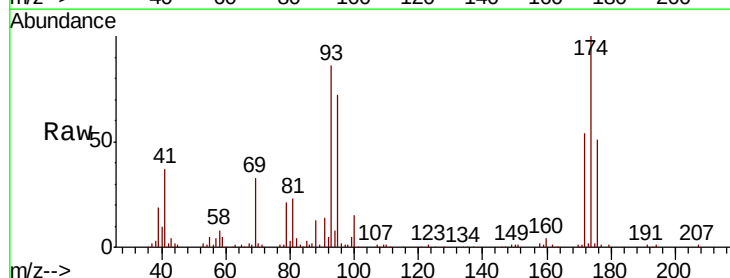
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

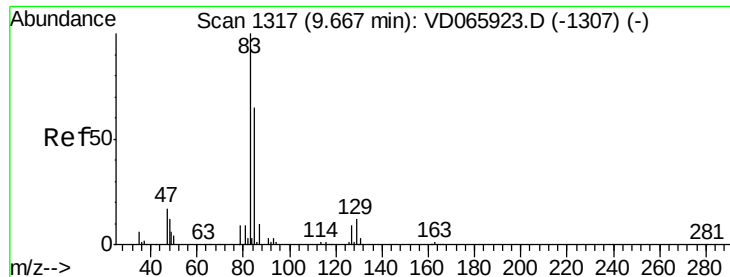
Tot Ion: 63 Resp: 181155
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 48.149 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 93 Resp: 96748
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.2 102.2
 174 114.1 88.0 132.0





#47

Bromodichloromethane

Concen: 46.991 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

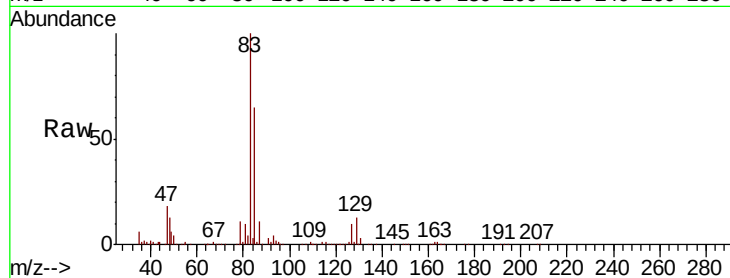
Tot Ion: 83 Resp: 253280

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

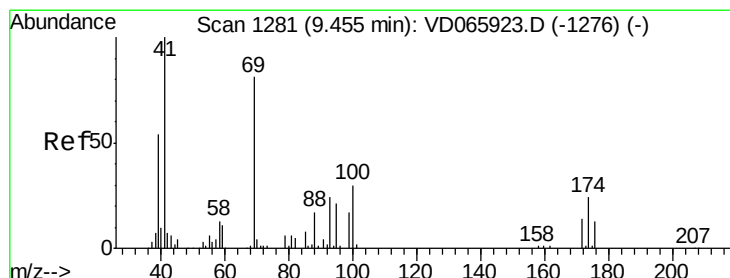
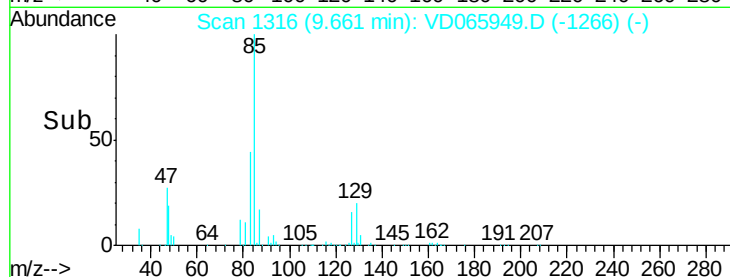
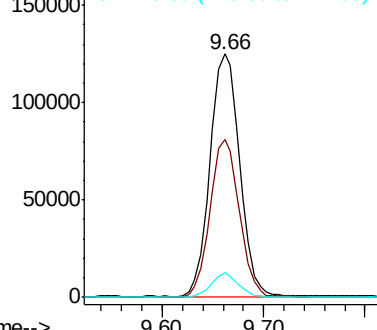
127 10.4 7.2 10.8



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): VDC



#48

Methyl methacrylate

Concen: 46.652 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

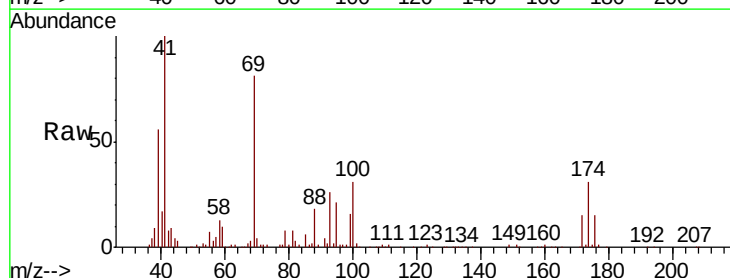
Tgt Ion: 41 Resp: 103101

Ion Ratio Lower Upper

41 100

69 85.5 62.2 93.4

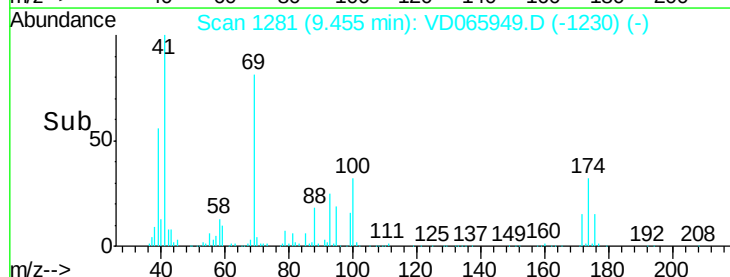
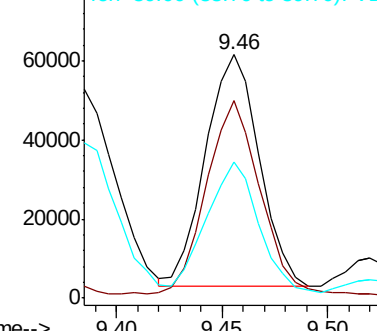
39 54.6 39.9 59.9

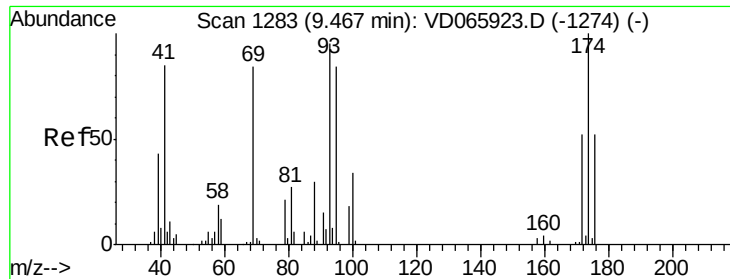


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

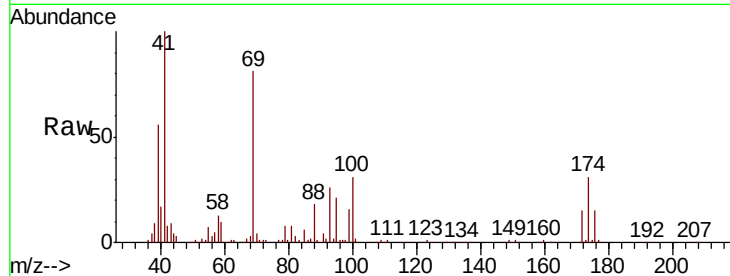




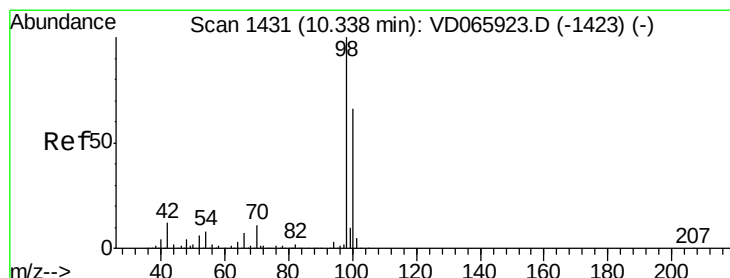
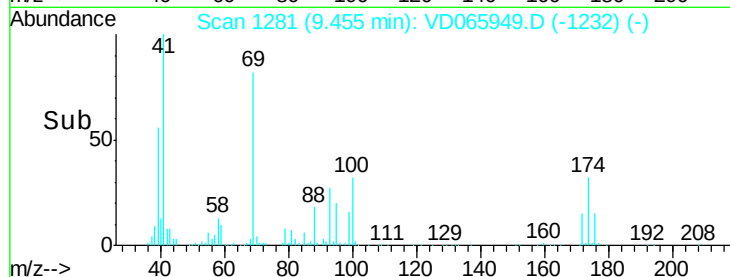
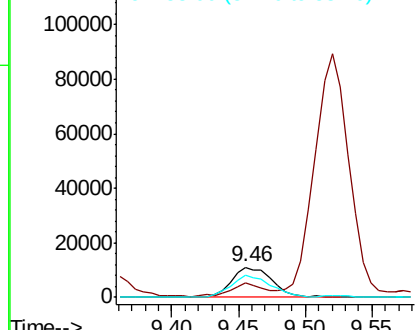
#49
1,4-Dioxane
Concen: 970.757 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 23177
Ion Ratio Lower Upper
88 100
43 34.5 28.2 42.4
58 73.3 58.6 87.8

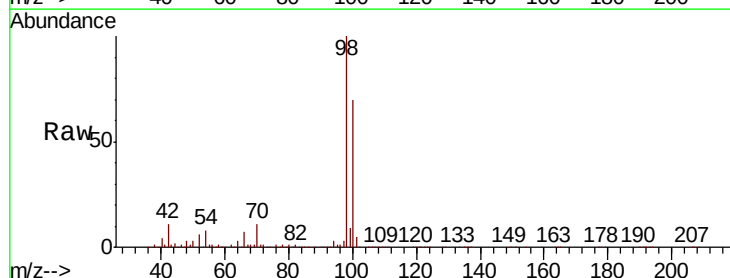


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

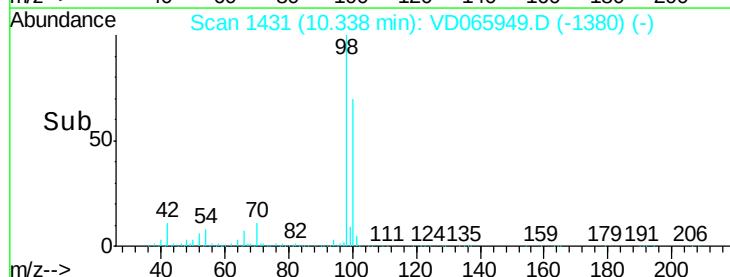
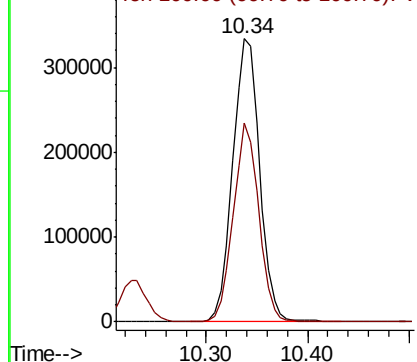


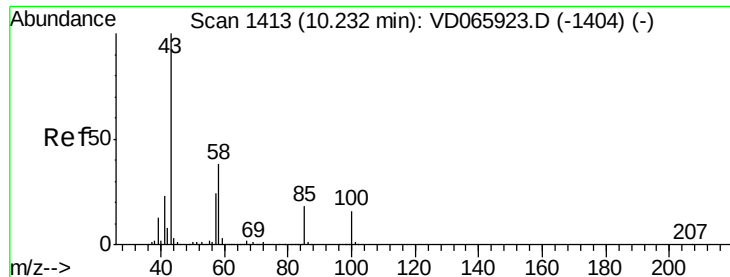
#50
Toluene-d8
Concen: 48.105 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 98 Resp: 617083
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



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

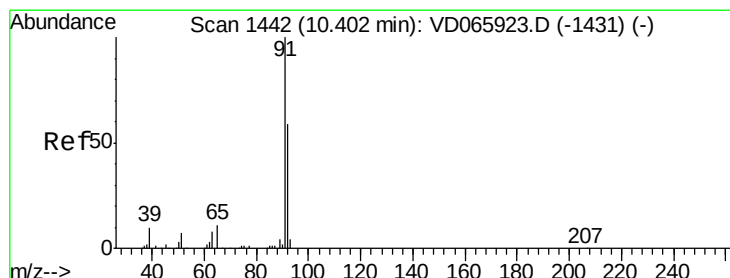
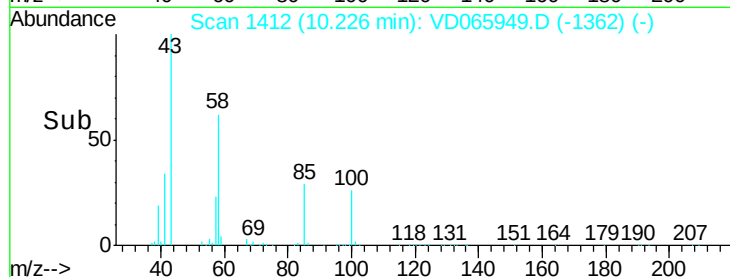
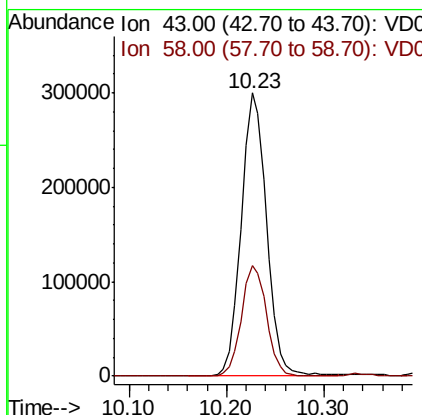
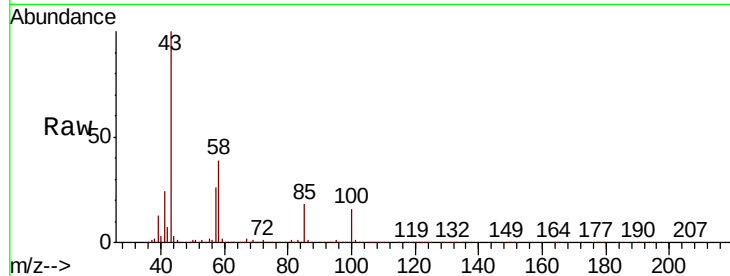




#51
 4-Methyl-2-Pentanone
 Concen: 243.866 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

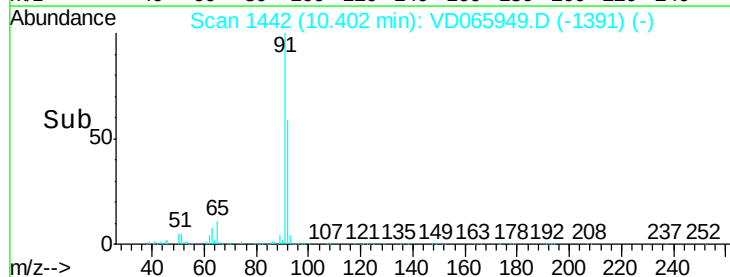
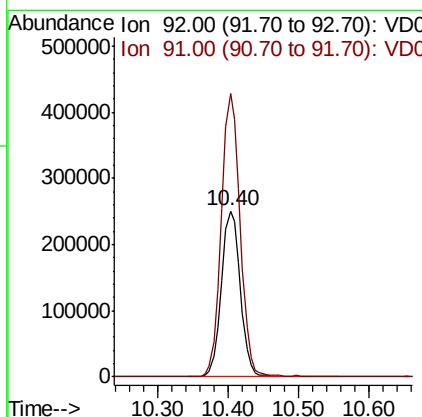
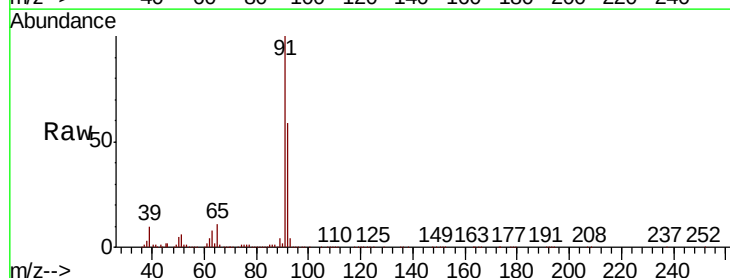
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

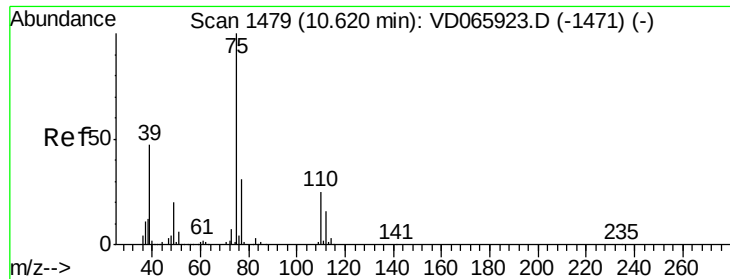
Tot Ion: 43 Resp: 541239
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.5 45.7



#52
 Toluene
 Concen: 47.337 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 92 Resp: 468300
 Ion Ratio Lower Upper
 92 100
 91 168.4 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 48.589 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

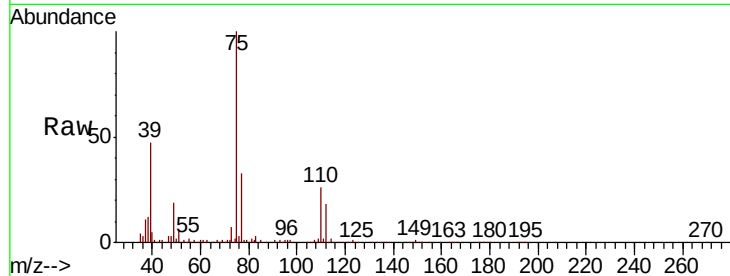
VSTDCCC050EC

Tot Ion: 75 Resp: 246253

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

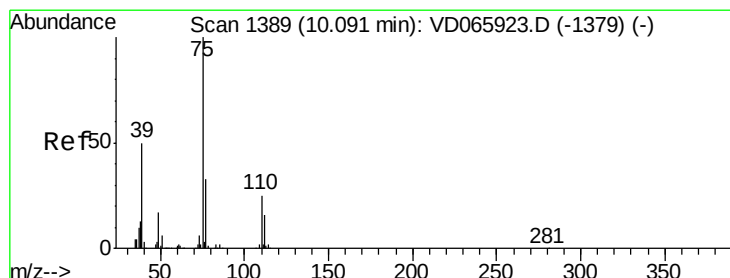
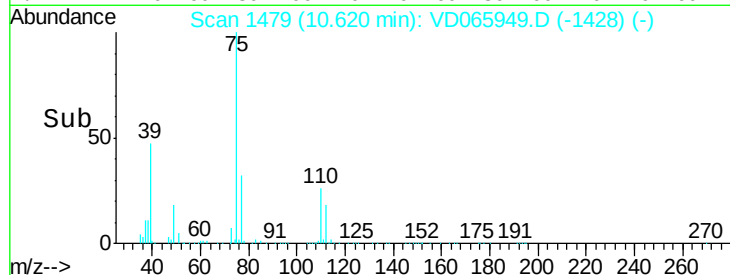
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.643 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

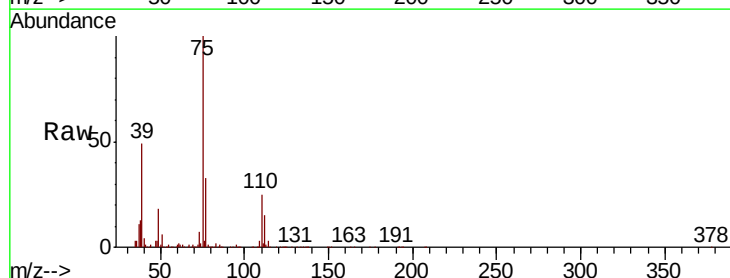
Tgt Ion: 75 Resp: 291762

Ion Ratio Lower Upper

75 100

77 33.3 26.6 39.8

39 48.6 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

200000

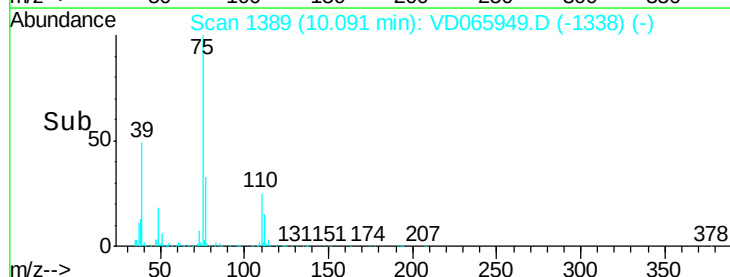
150000

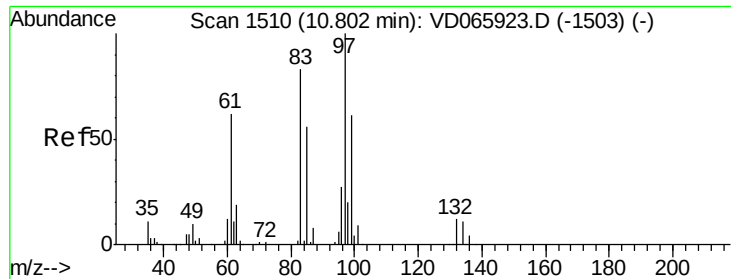
100000

50000

0

Time-->

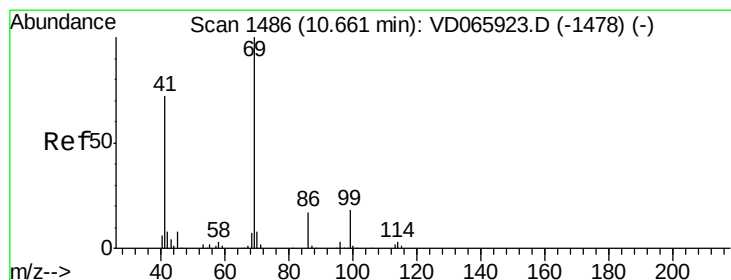
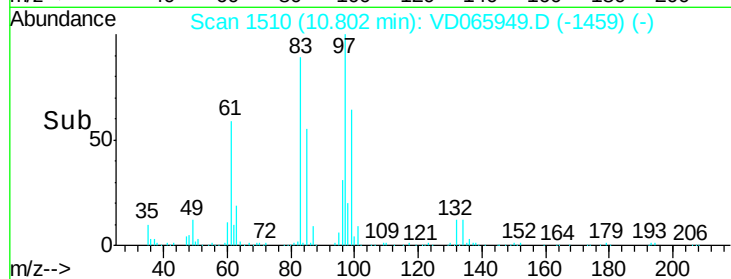
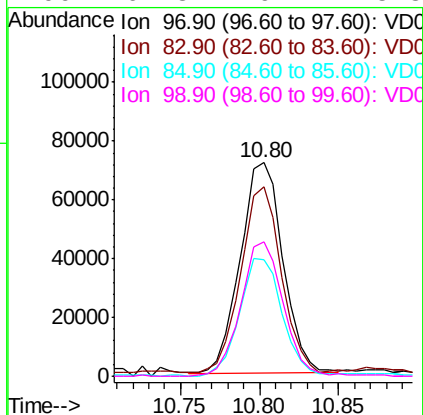
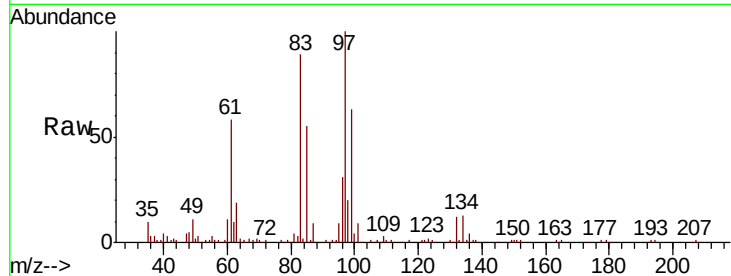




#55
 1,1,2-Trichloroethane
 Concen: 48.683 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

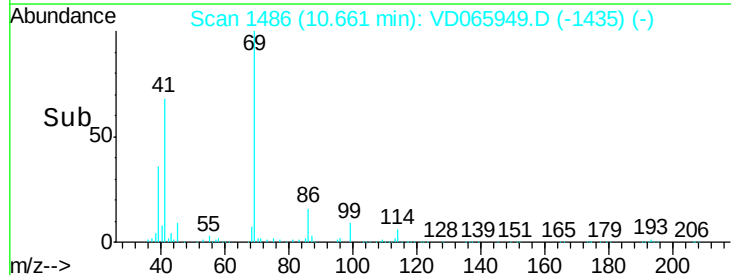
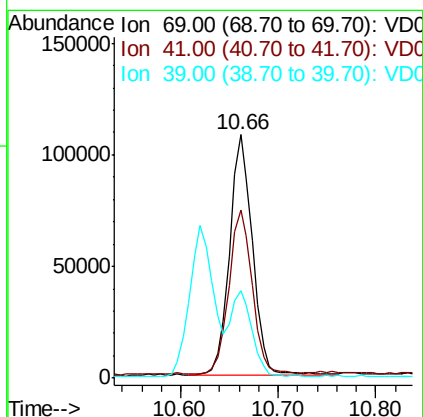
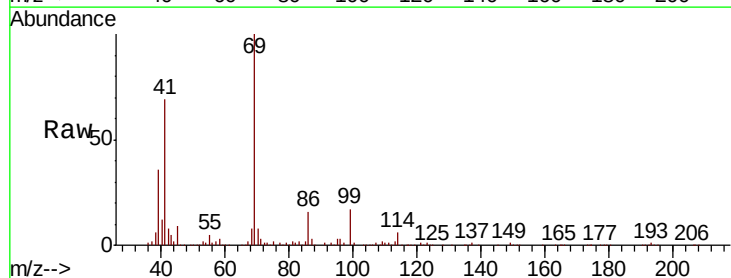
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

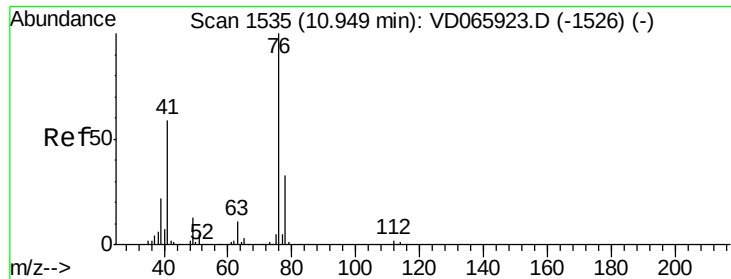
Tot Ion:	97	Resp:	134779
Ion	Ratio	Lower	Upper
97	100		
83	88.6	66.9	100.3
85	55.4	44.5	66.7
99	64.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 52.404 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion:	69	Resp:	177198
Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.5	84.7
39	32.7	29.2	43.8

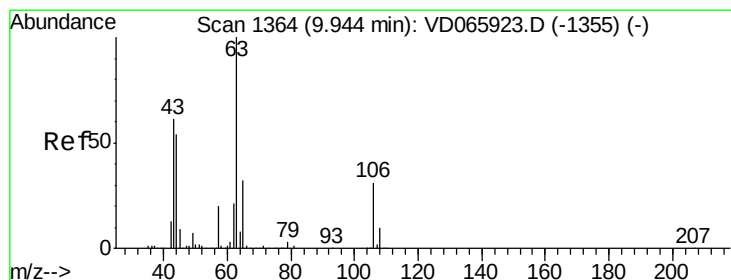
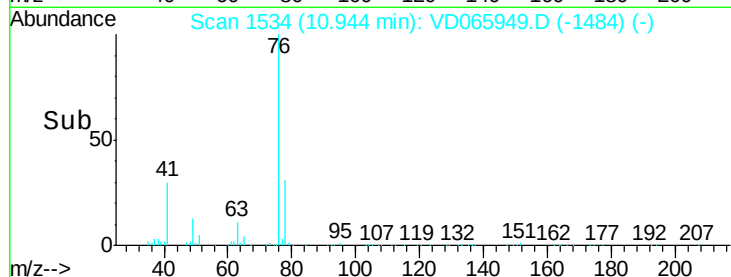
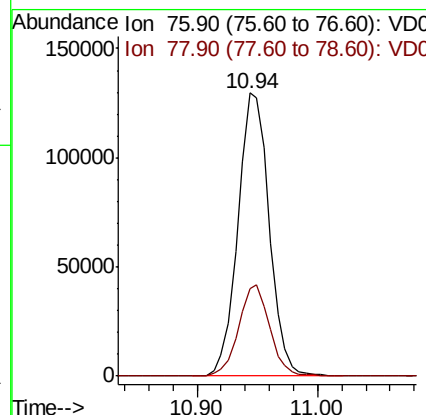
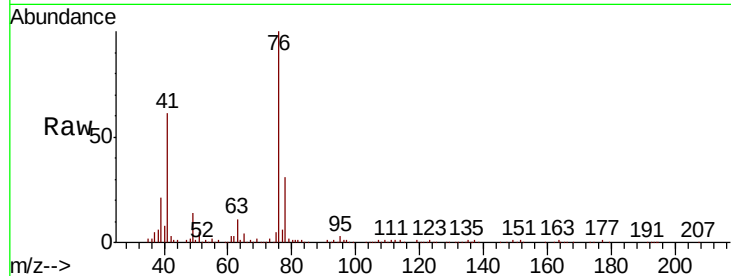




#57
 1,3-Dichloropropane
 Concen: 48.512 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

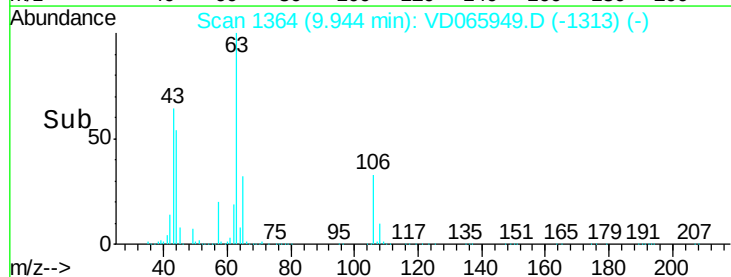
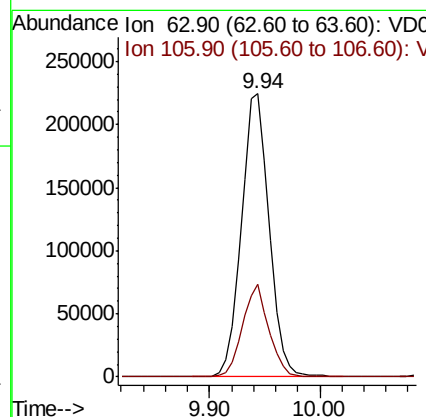
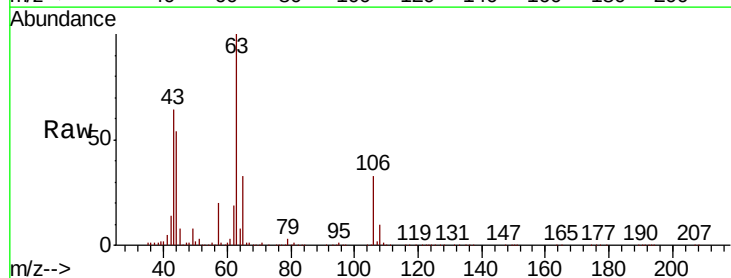
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

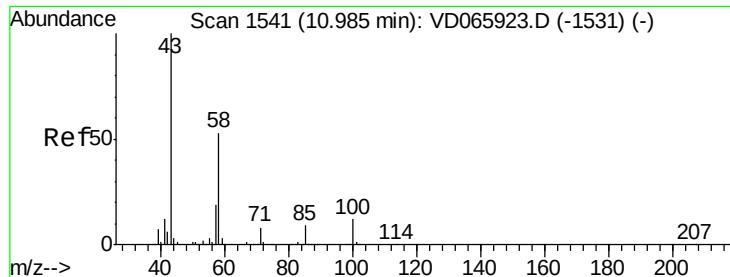
Tot Ion: 76 Resp: 234877
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.181 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion: 63 Resp: 396599
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.8 35.6

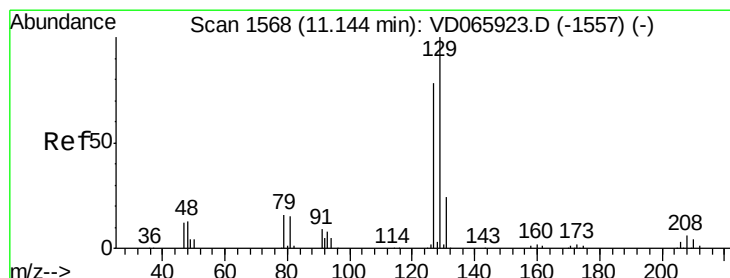
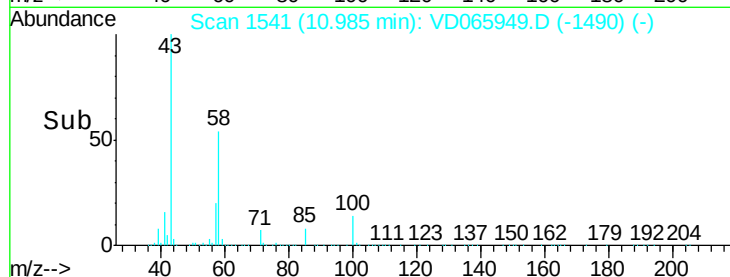
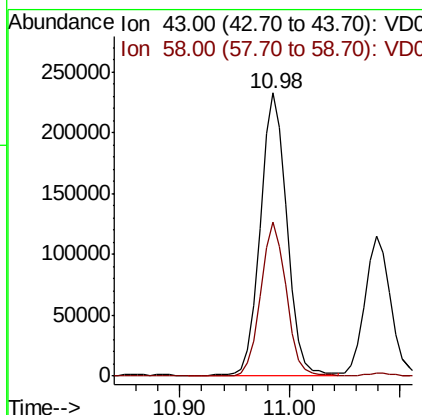
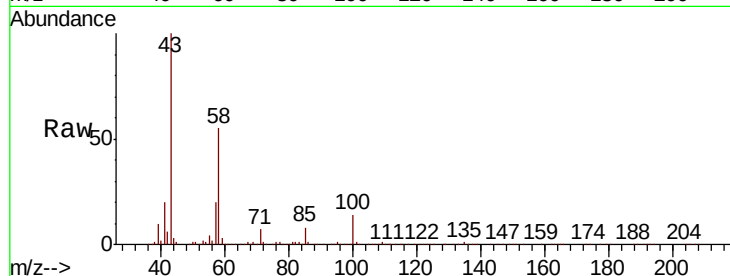




#59
2-Hexanone
Concen: 255.313 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

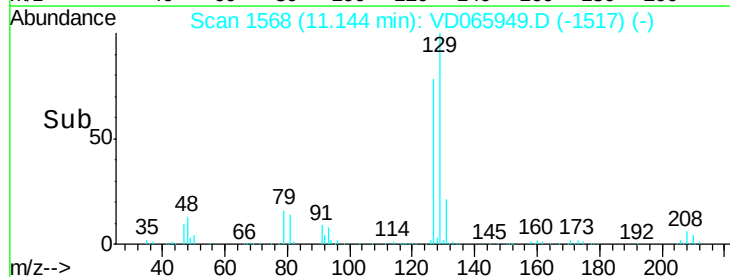
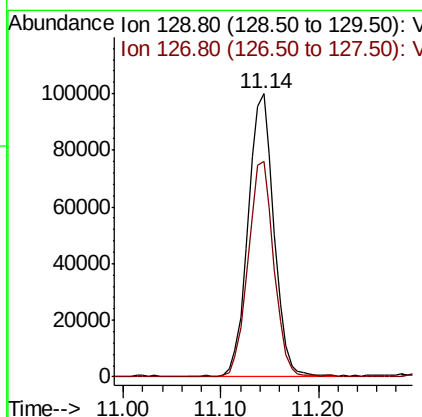
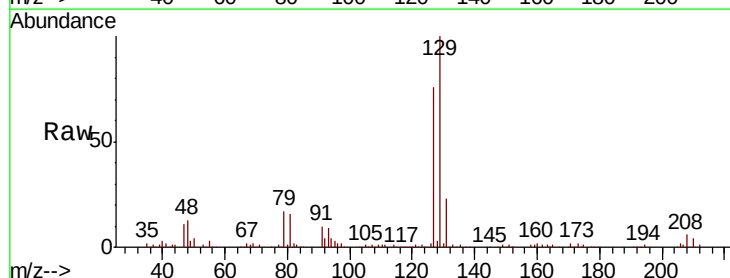
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

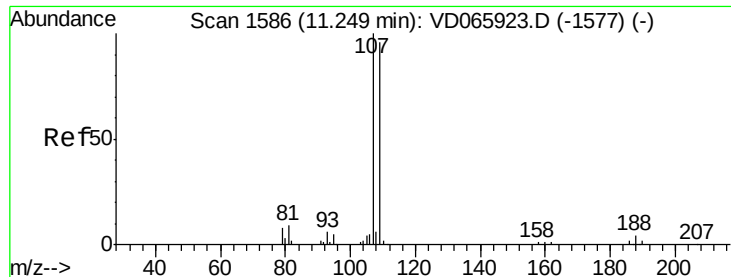
Tot Ion: 43 Resp: 389703
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8



#60
Dibromochloromethane
Concen: 49.121 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 129 Resp: 185797
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 47.546 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

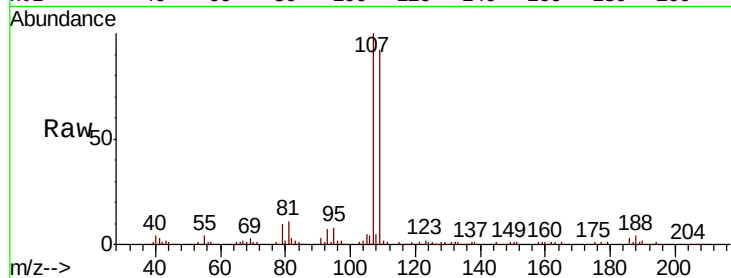
VSTDCCC050EC

Tot Ion:107 Resp: 131241

Ion Ratio Lower Upper

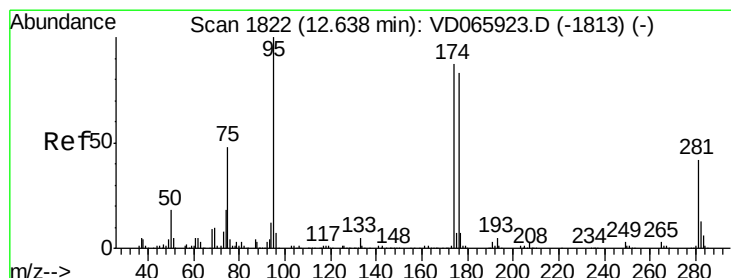
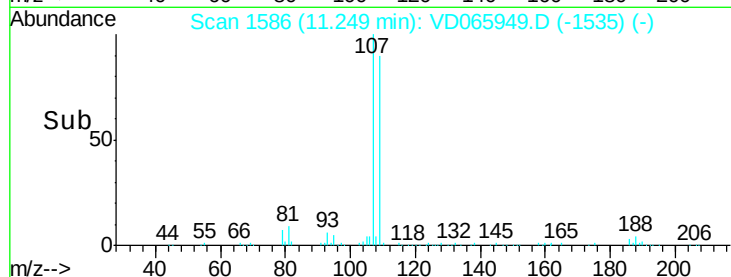
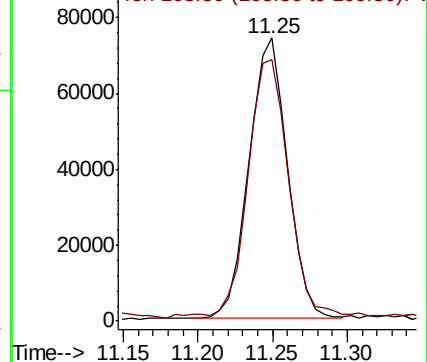
107 100

109 98.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.231 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

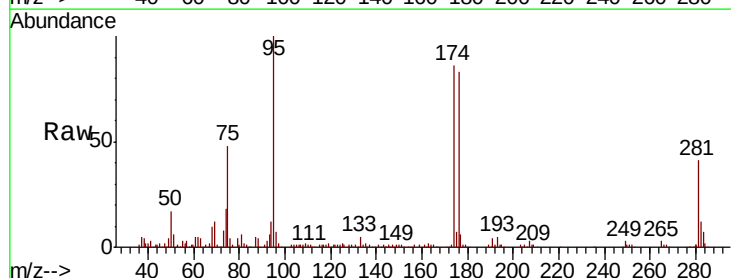
Tgt Ion: 95 Resp: 221273

Ion Ratio Lower Upper

95 100

174 87.6 0.0 169.4

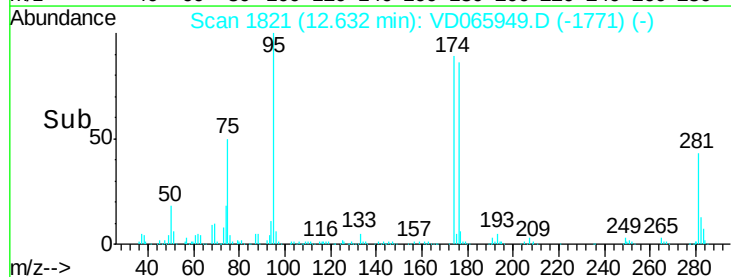
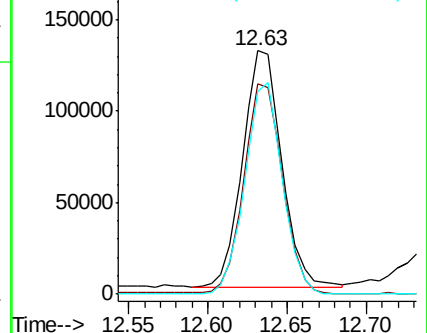
176 85.8 0.0 164.0

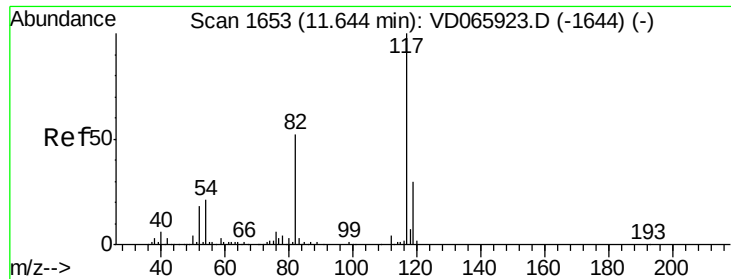


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

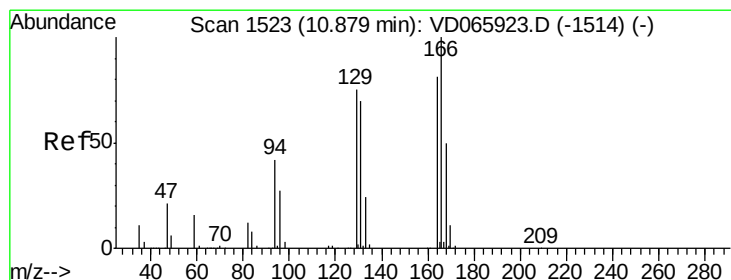
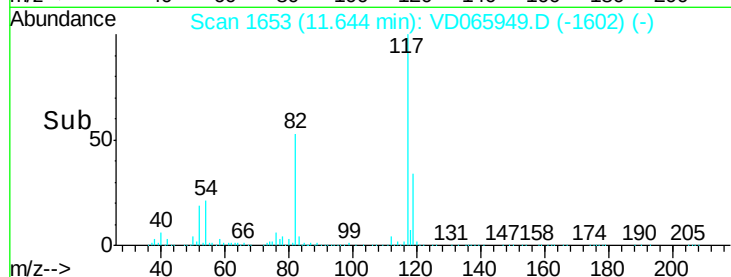
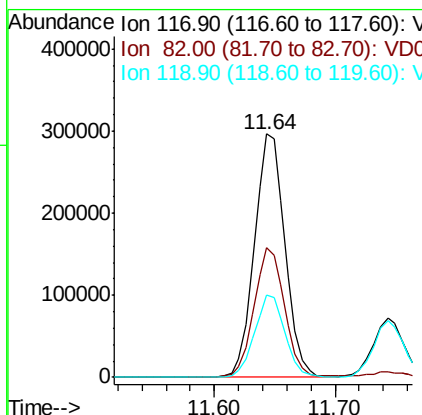
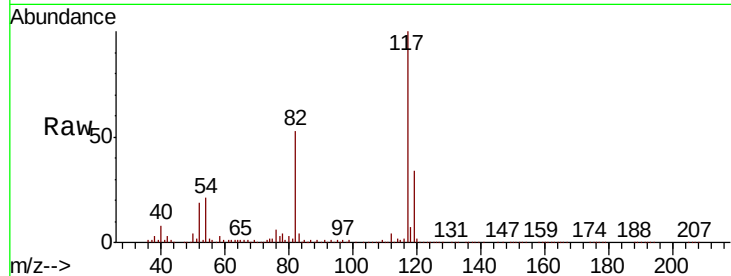




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

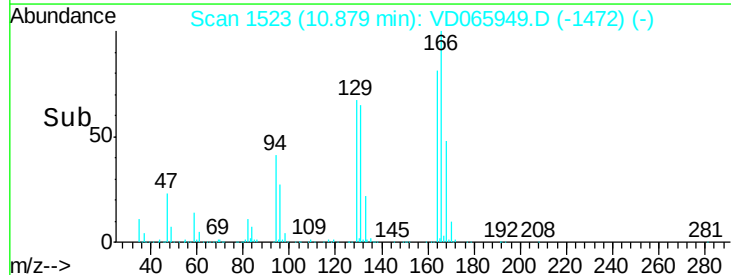
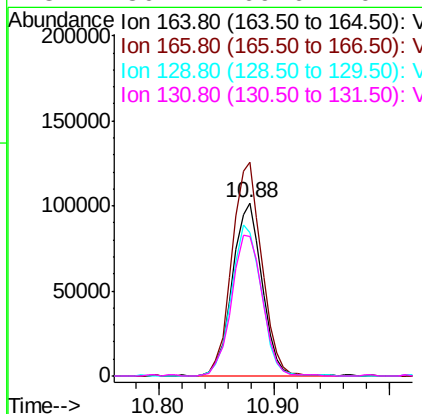
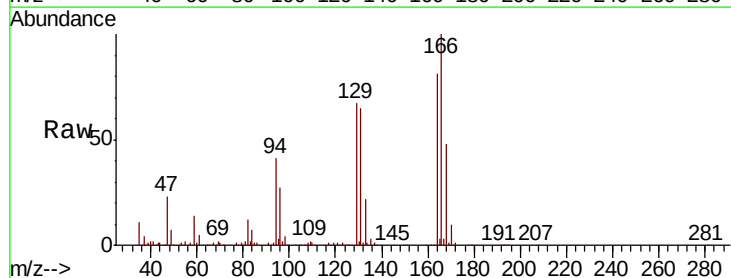
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

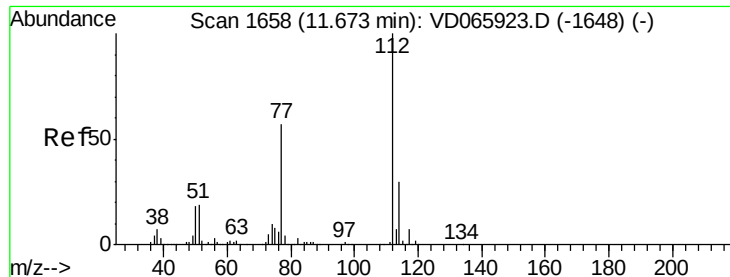
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	33.5	24.3	36.5



#64
Tetrachloroethene
Concen: 47.840 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	99.0	148.4
129	82.6	73.9	110.9
131	80.4	69.6	104.4

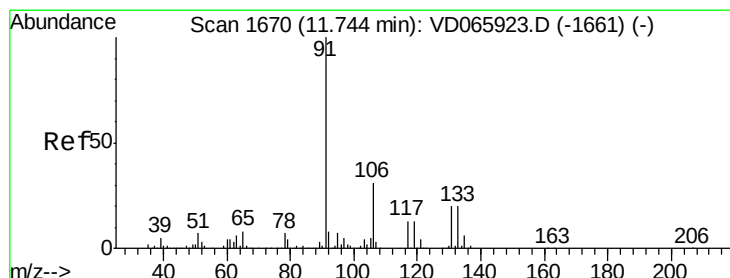
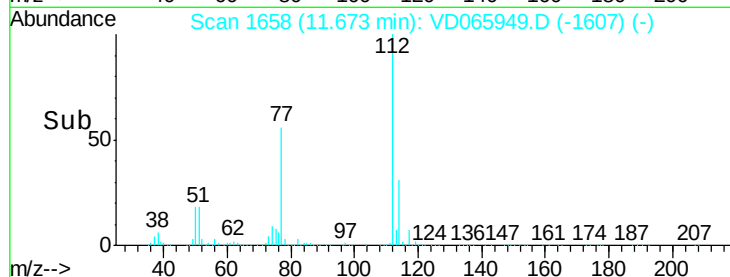
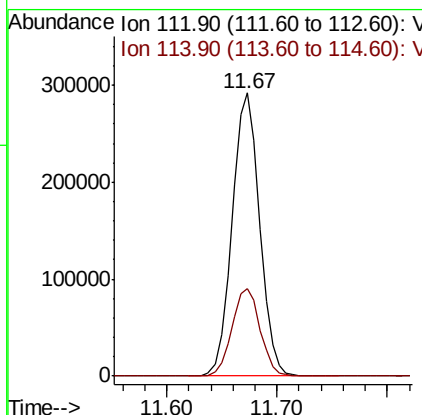
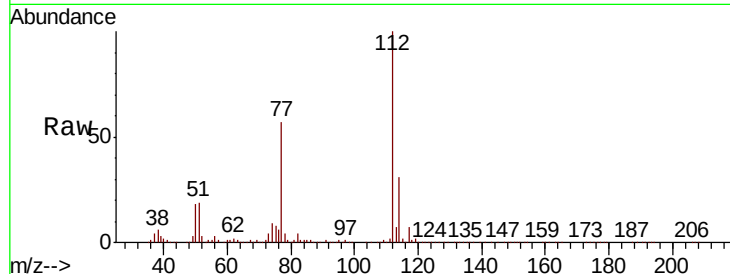




#65
Chlorobenzene
Concen: 48.524 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

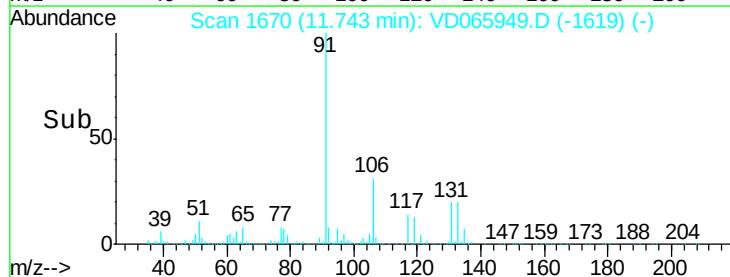
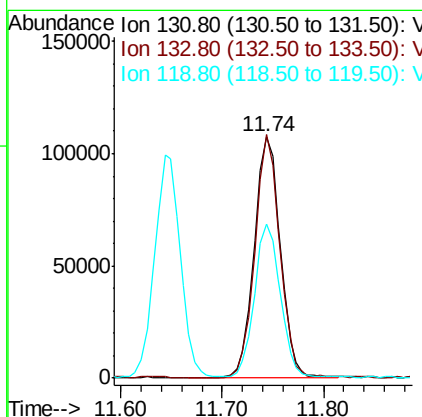
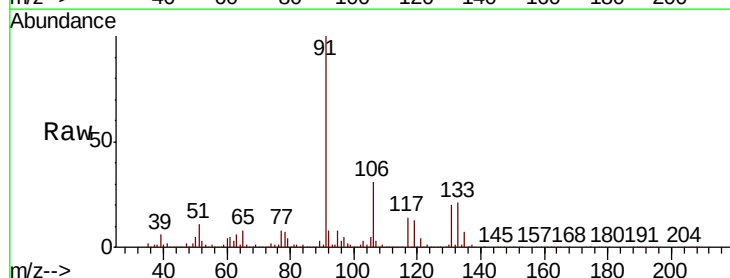
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

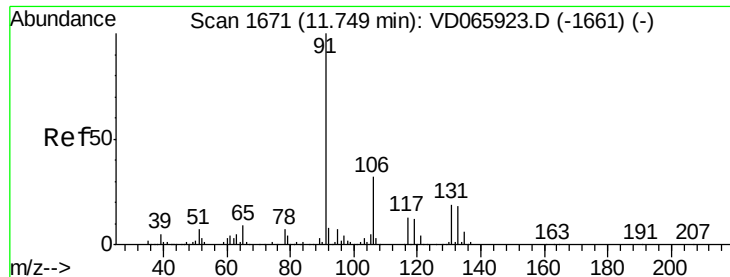
Tot Ion:112 Resp: 510042
Ion Ratio Lower Upper
112 100
114 30.8 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.829 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion:131 Resp: 191969
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.2 31.9 95.9

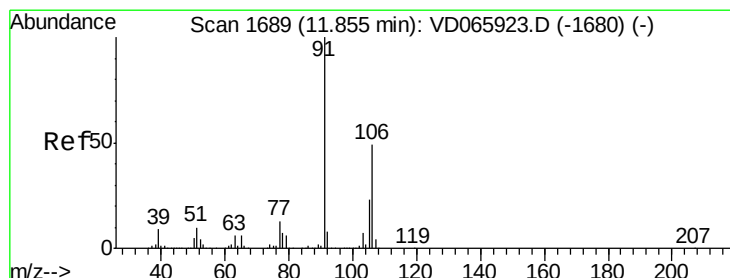
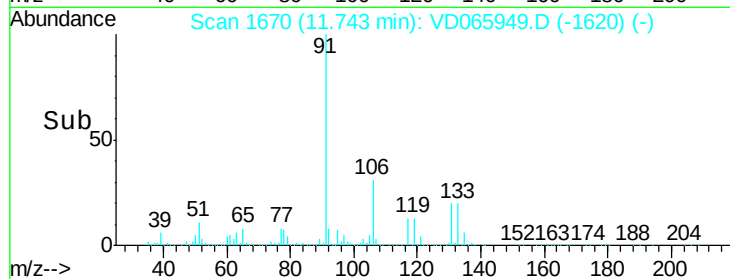
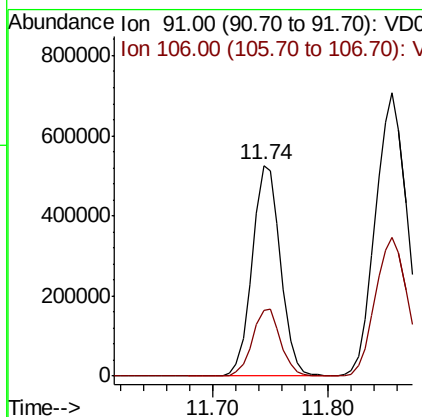
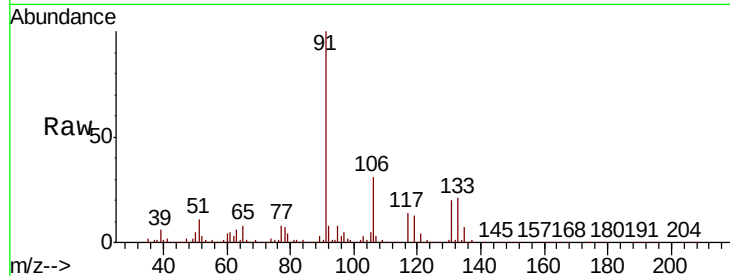




#67
Ethyl Benzene
Concen: 47.846 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

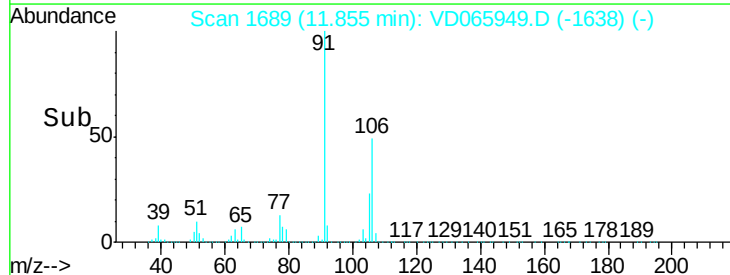
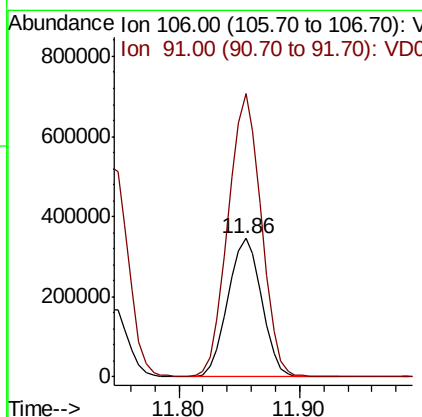
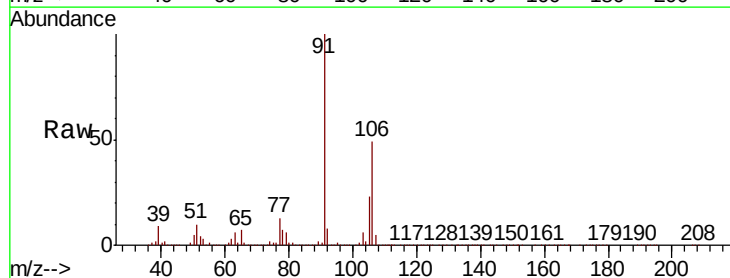
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

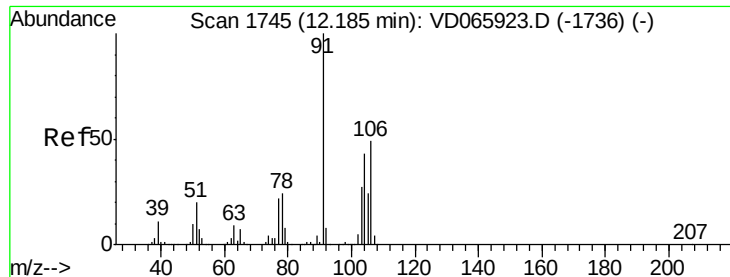
Tot Ion: 91 Resp: 893436
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 94.626 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 106 Resp: 671326
Ion Ratio Lower Upper
106 100
91 200.1 158.2 237.2

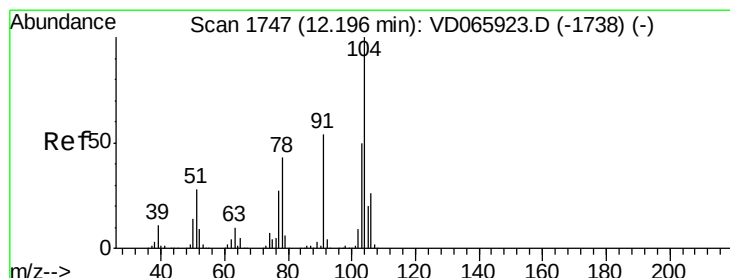
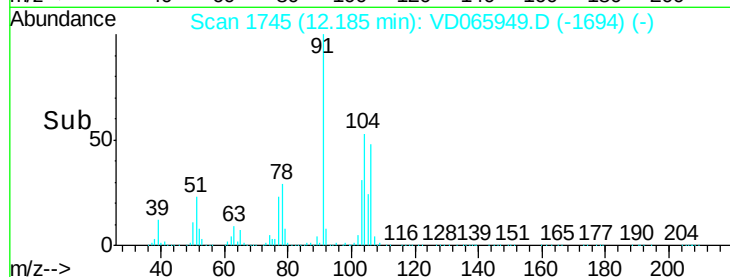
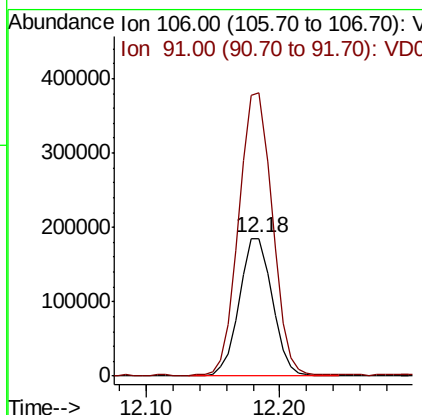
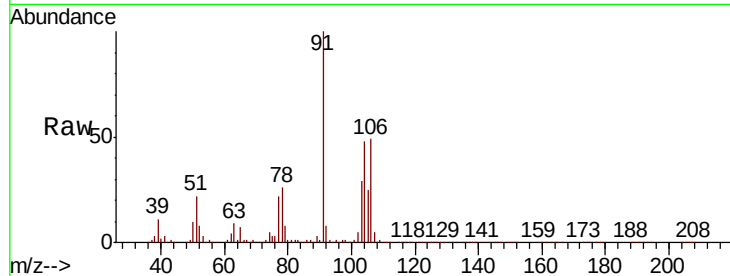




#69
o-Xylene
Concen: 49.231 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

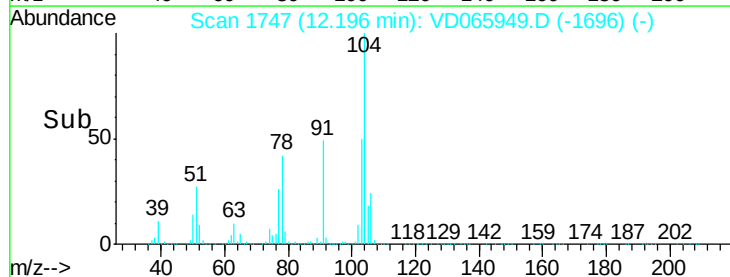
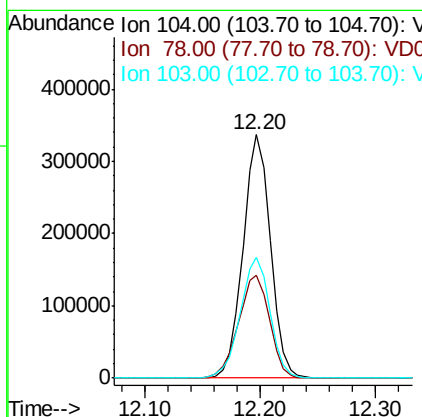
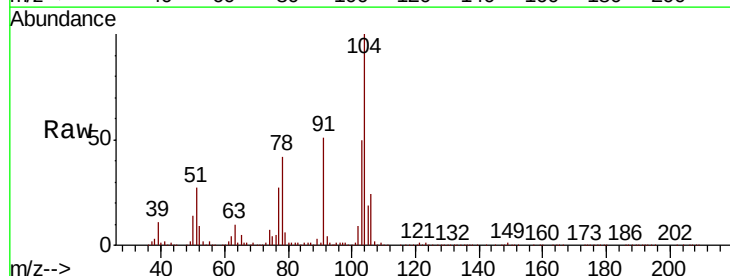
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

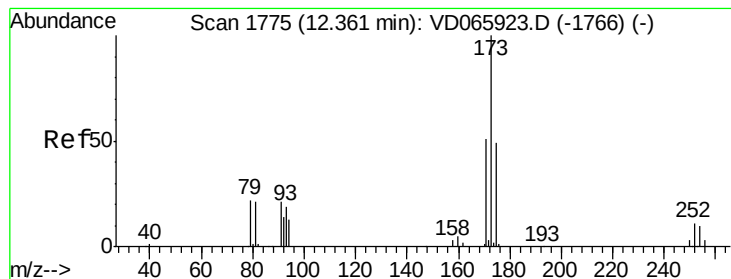
Tot Ion:106 Resp: 318168
Ion Ratio Lower Upper
106 100
91 207.7 104.1 312.2



#70
Styrene
Concen: 49.839 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion:104 Resp: 556019
Ion Ratio Lower Upper
104 100
78 47.6 38.8 58.2
103 53.6 43.6 65.4





#71

Bromoform

Concen: 49.790 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

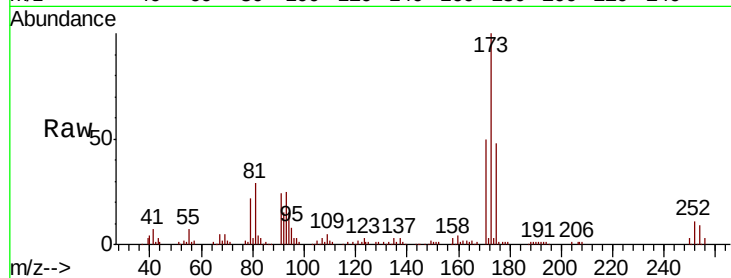
Tot Ion:173 Resp: 110763

Ion Ratio Lower Upper

173 100

175 48.1 24.2 72.6

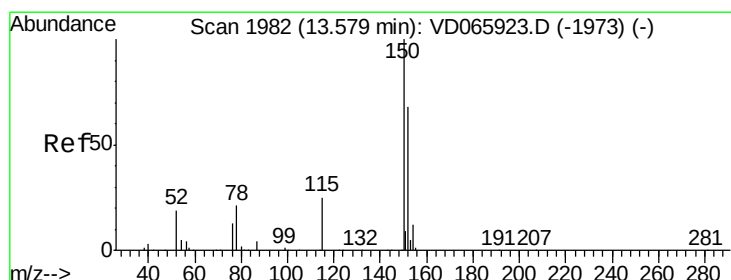
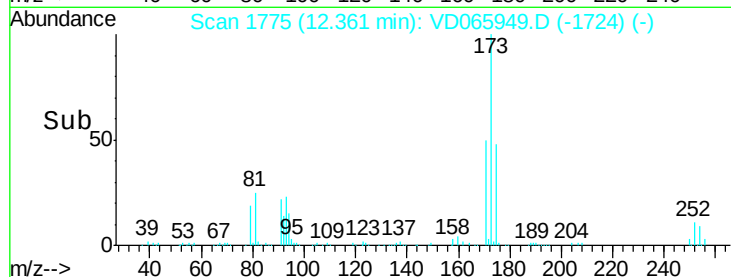
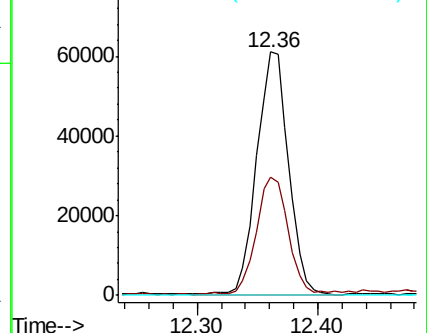
254 0.0 0.0 0.0#



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: VD065949.D

Acq: 10 Jul 2020 15:51

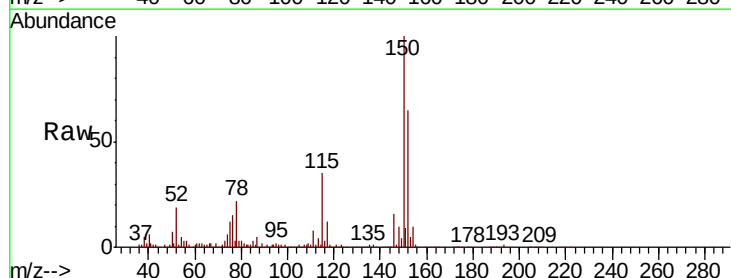
Tgt Ion:152 Resp: 261298

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

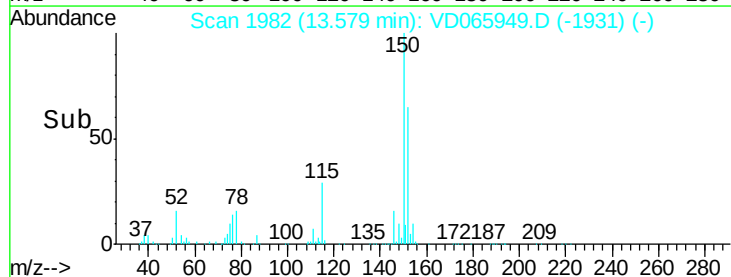
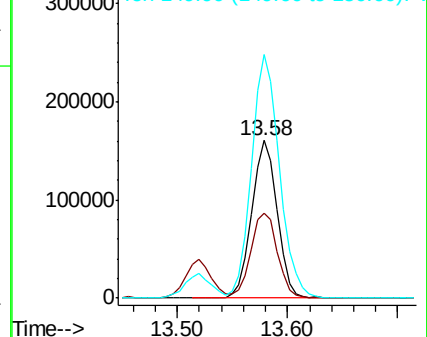
150 167.5 0.0 347.2

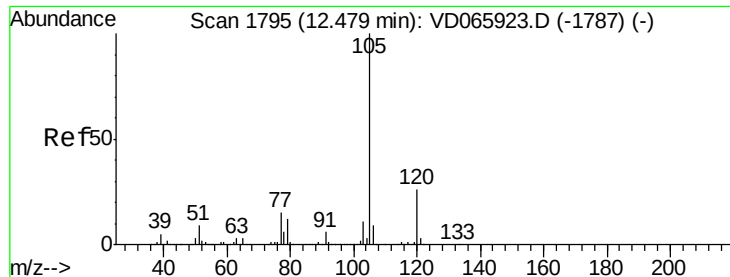


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.704 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

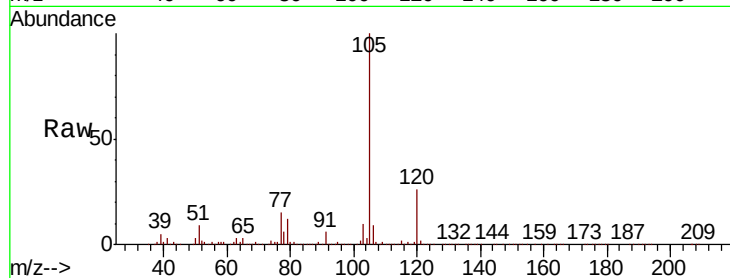
VSTDCCC050EC

Tot Ion:105 Resp: 869945

Ion Ratio Lower Upper

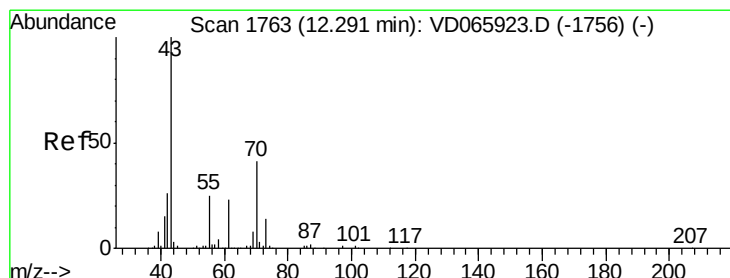
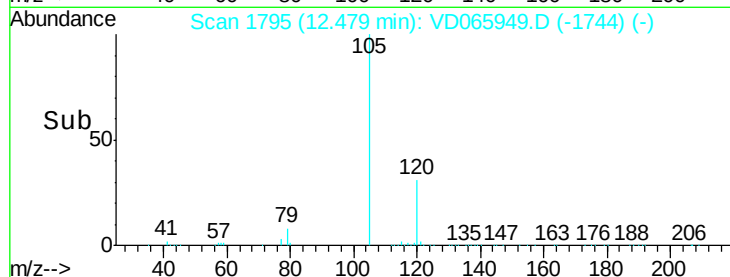
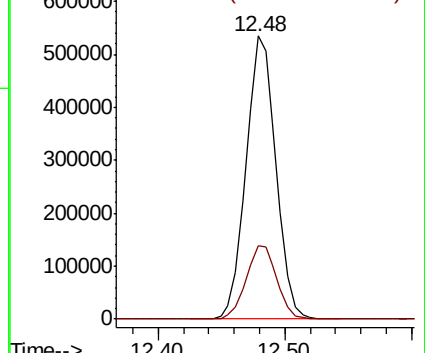
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.725 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Tgt Ion: 43 Resp: 195297

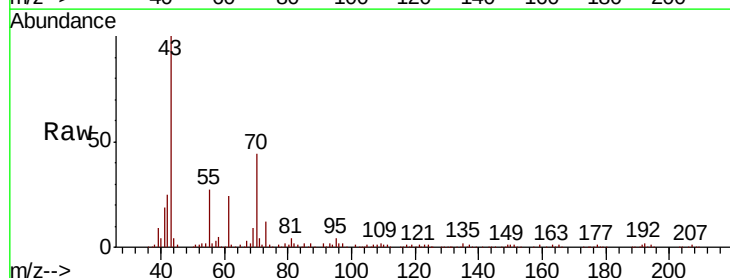
Ion Ratio Lower Upper

43 100

70 42.9 33.6 50.4

55 26.7 20.1 30.1

61 23.5 18.9 28.3

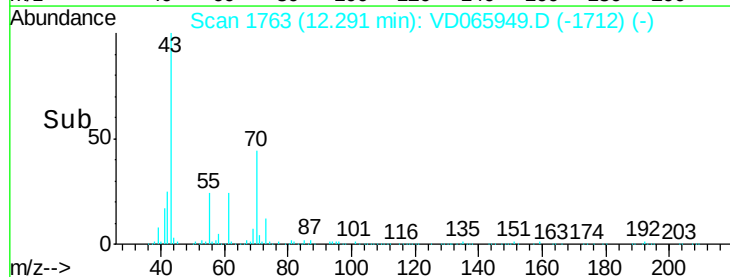
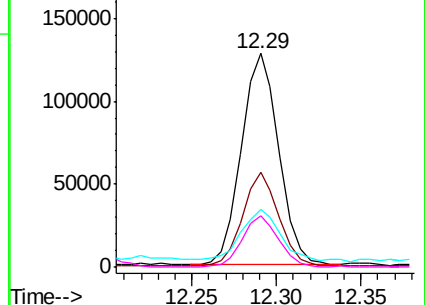


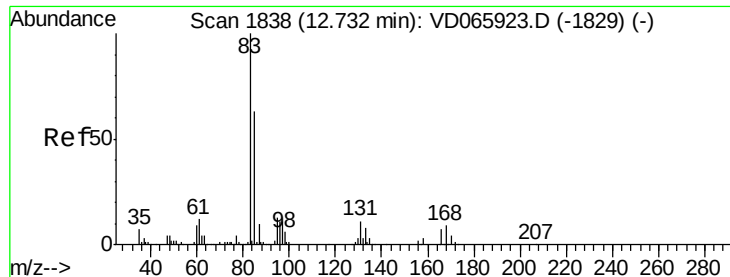
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 56.485 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

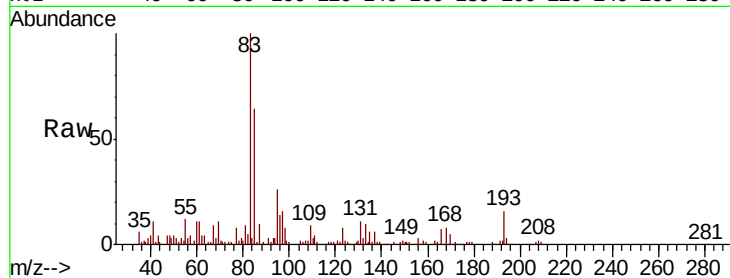
Tot Ion: 83 Resp: 171012

Ion Ratio Lower Upper

83 100

131 9.3 5.6 16.8

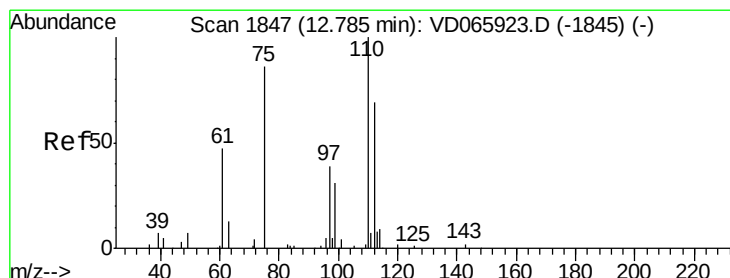
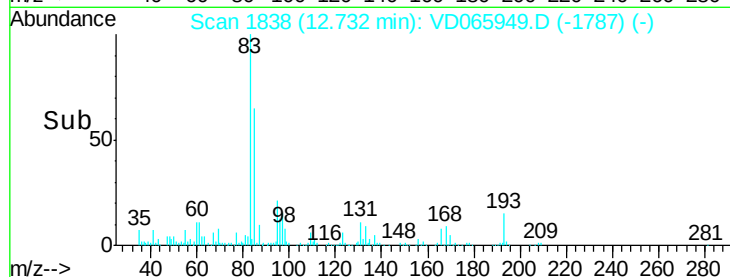
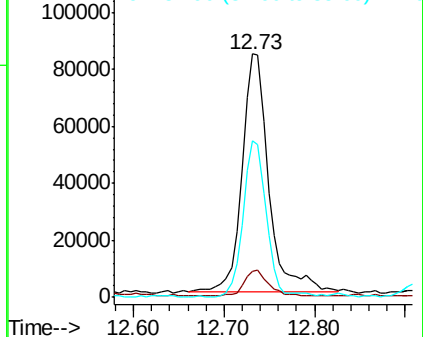
85 56.2 32.6 98.0



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: 43.990 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065949.D

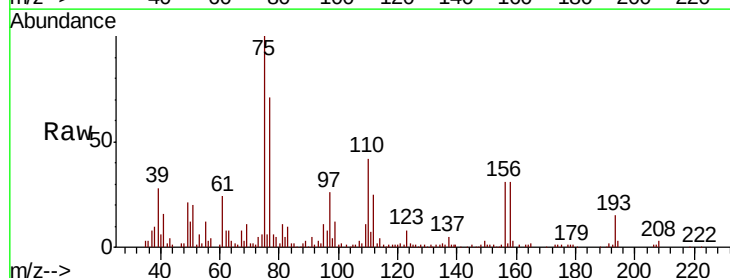
Acq: 10 Jul 2020 15:51

Tgt Ion: 75 Resp: 96424

Ion Ratio Lower Upper

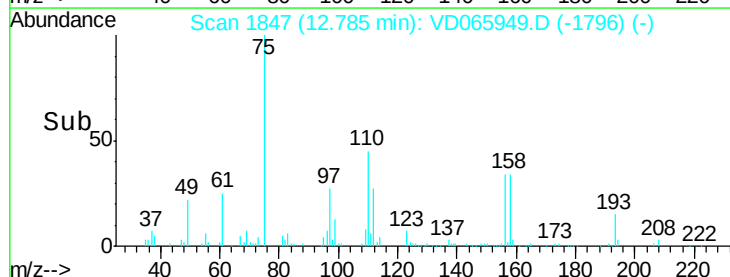
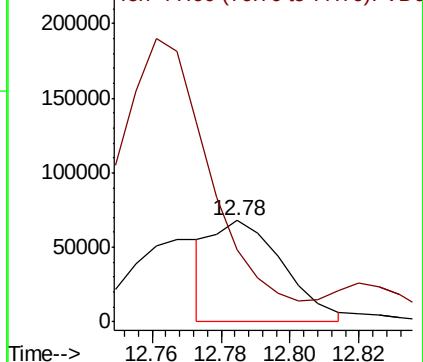
75 100

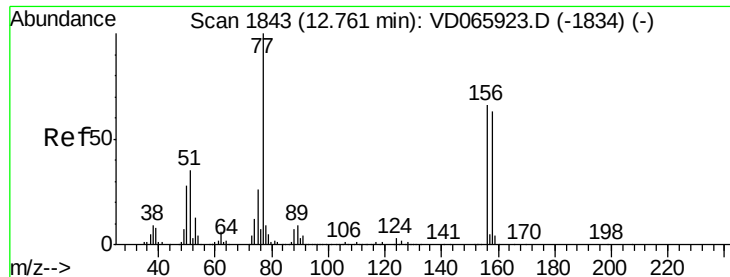
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

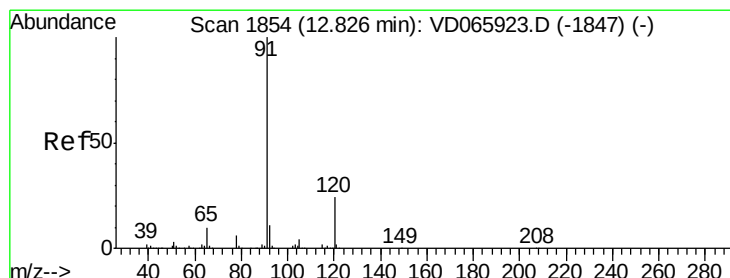
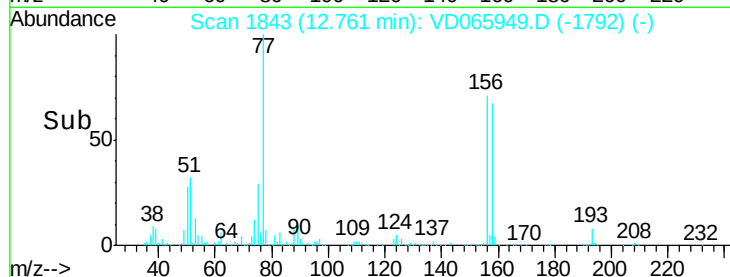
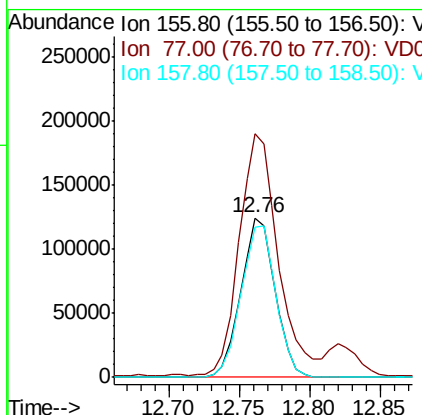
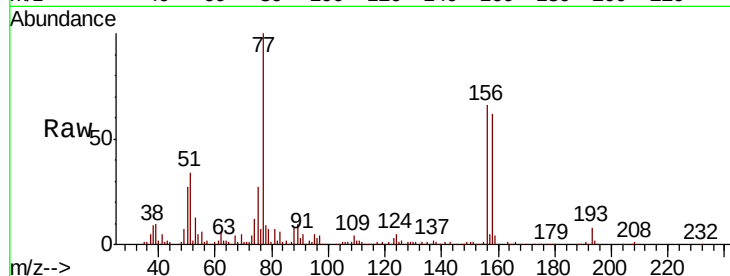




#77
Bromobenzene
Concen: 47.594 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

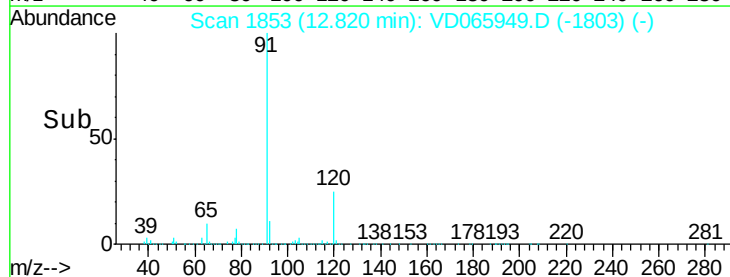
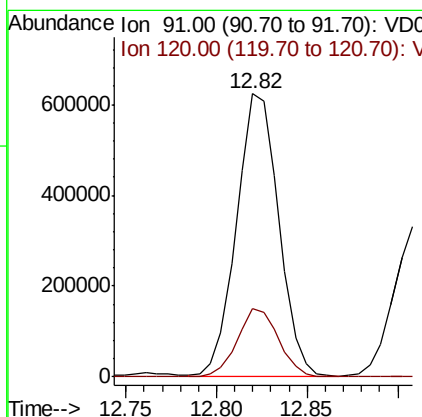
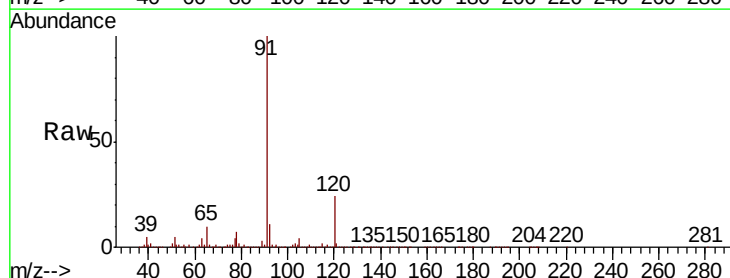
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

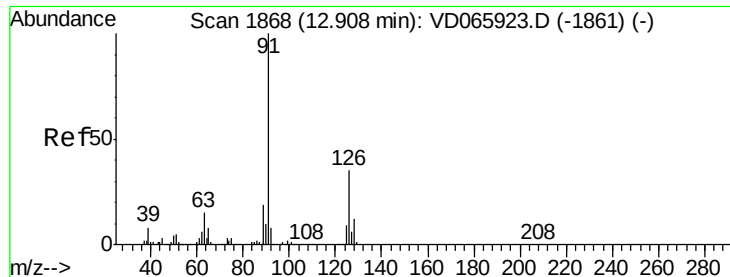
Tot Ion:156 Resp: 210509
Ion Ratio Lower Upper
156 100
77 171.5 85.0 255.0
158 96.9 49.0 147.0



#78
n-propylbenzene
Concen: 46.876 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 91 Resp: 1002223
Ion Ratio Lower Upper
91 100
120 23.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 45.862 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

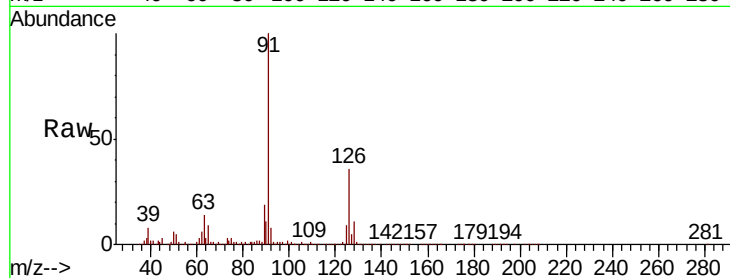
VSTDCCC050EC

Tot Ion: 91 Resp: 556259

Ion Ratio Lower Upper

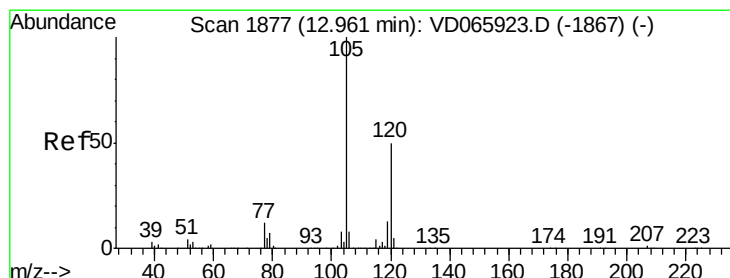
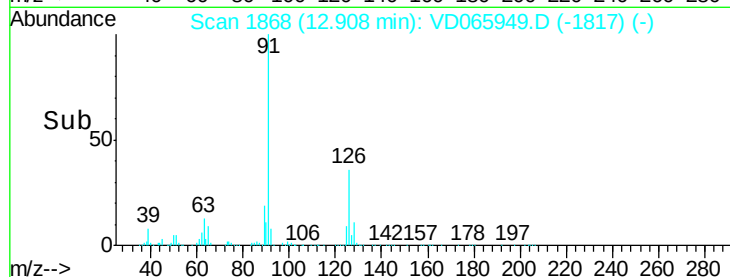
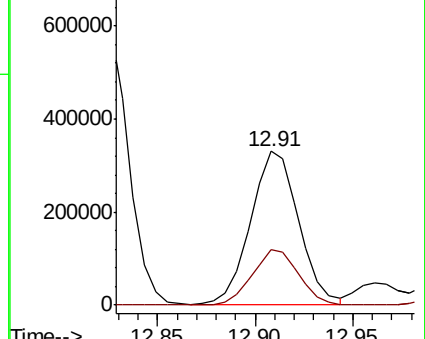
91 100

126 35.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.619 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065949.D

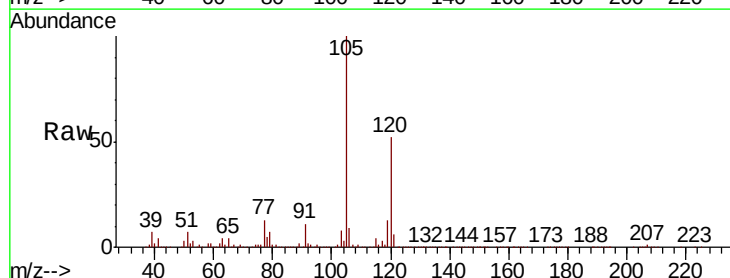
Acq: 10 Jul 2020 15:51

Tgt Ion: 105 Resp: 710279

Ion Ratio Lower Upper

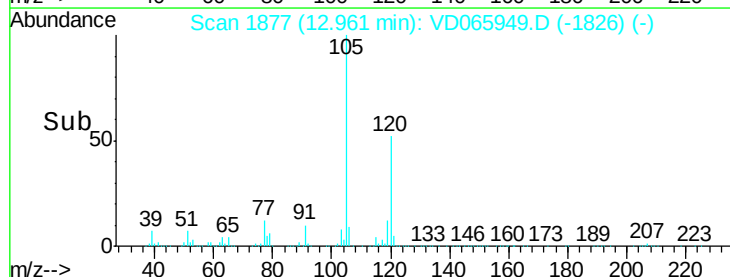
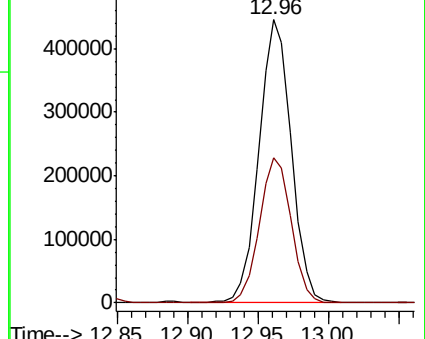
105 100

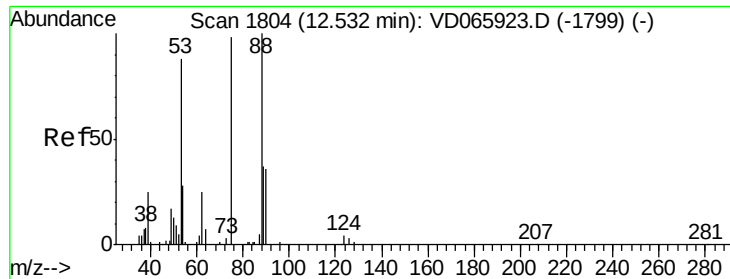
120 50.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.506 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

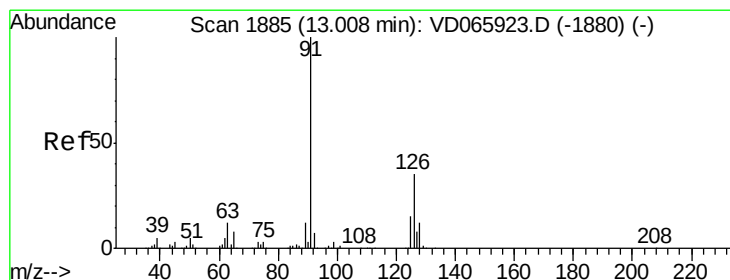
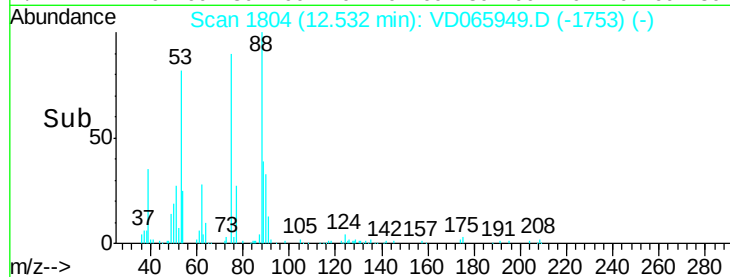
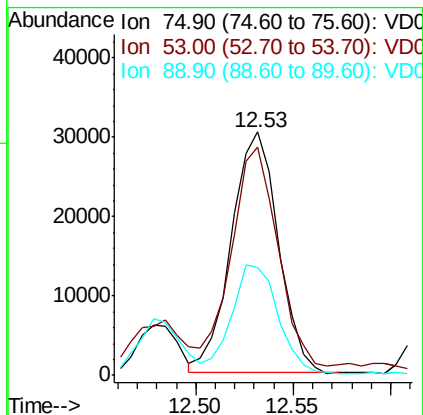
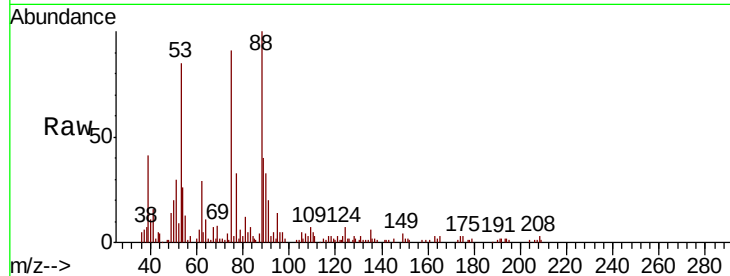
Tot Ion: 75 Resp: 50502

Ion Ratio Lower Upper

75 100

53 88.6 75.8 113.8

89 45.6 37.5 56.3



#82

4-Chlorotoluene

Concen: 45.794 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065949.D

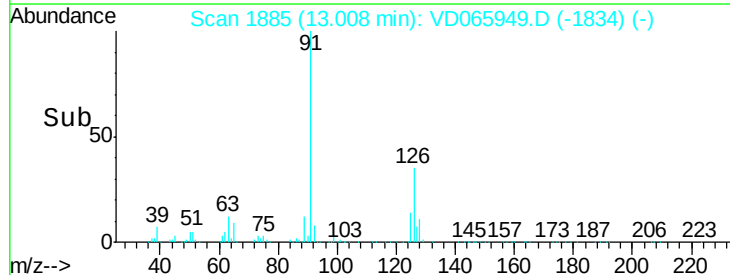
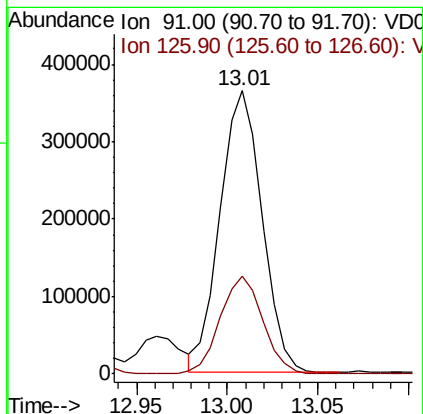
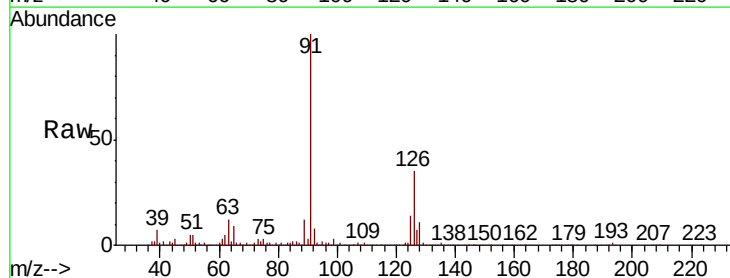
Acq: 10 Jul 2020 15:51

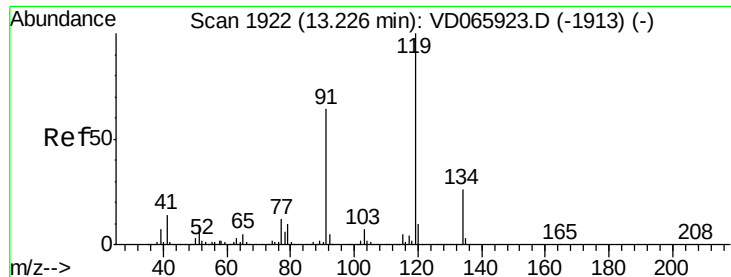
Tgt Ion: 91 Resp: 582751

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7

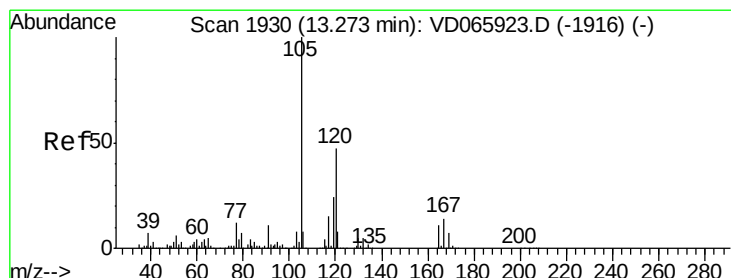
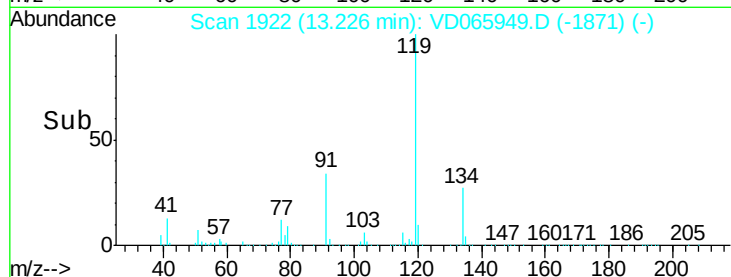
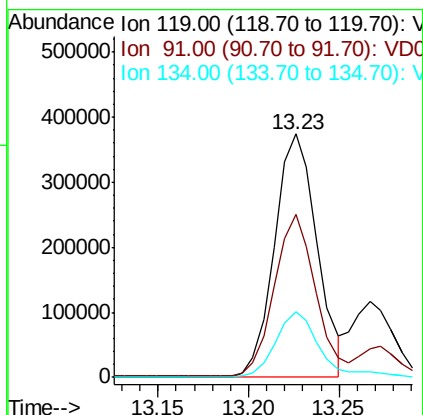
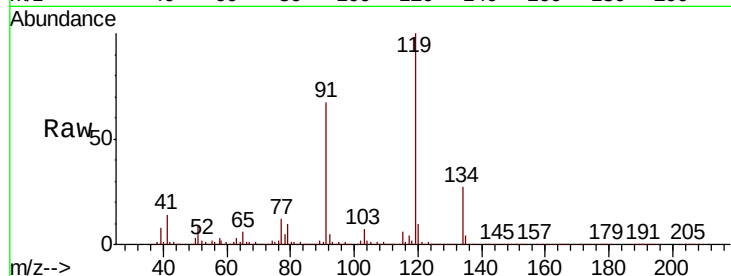




#83
 tert-Butylbenzene
 Concen: 48.221 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

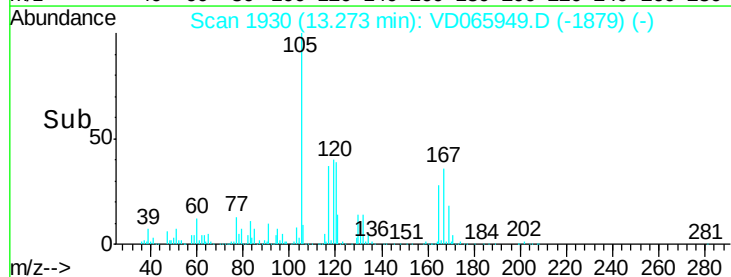
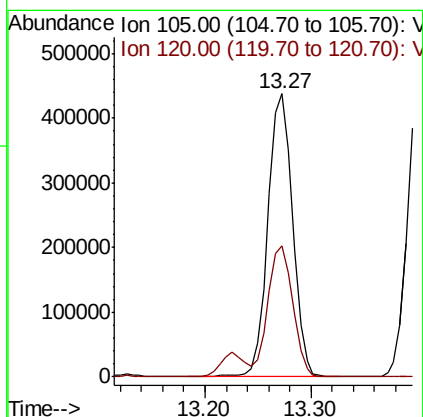
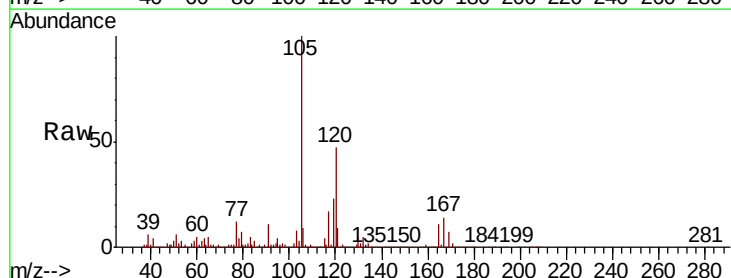
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

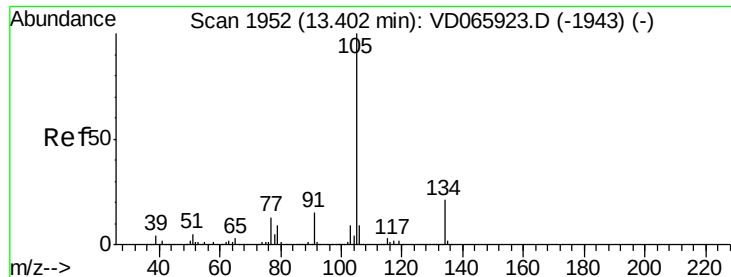
Tot Ion:119 Resp: 612786
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.4 97.2
 134 28.3 14.1 42.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.537 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion:105 Resp: 705810
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 47.359 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

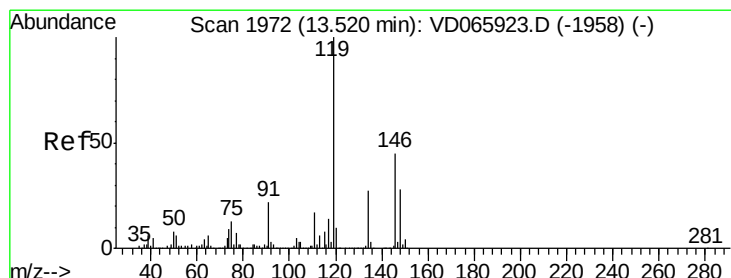
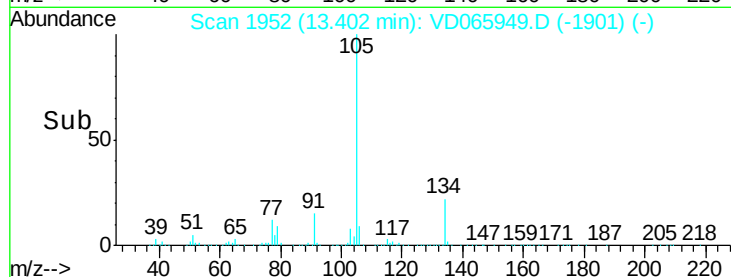
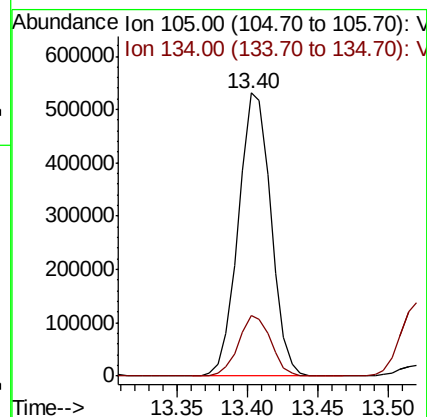
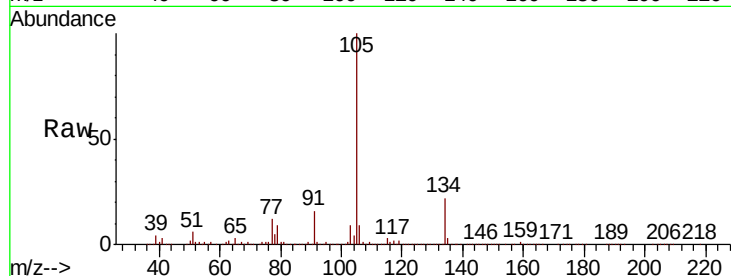
VSTDCCC050EC

Tot Ion:105 Resp: 852922

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.387 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

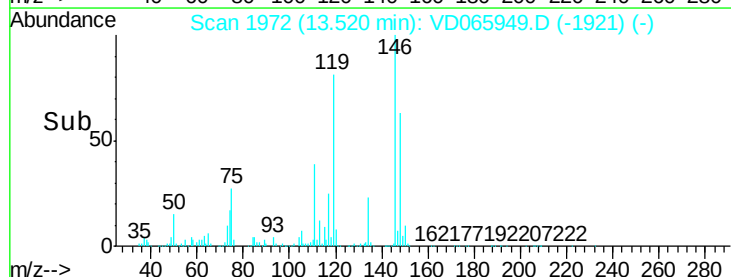
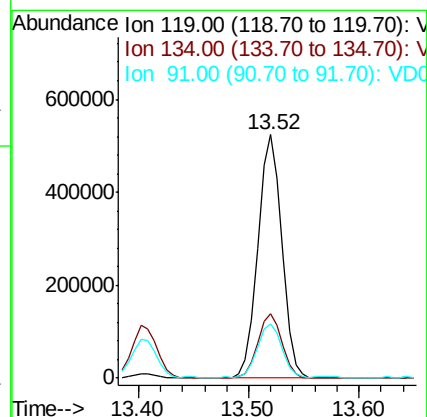
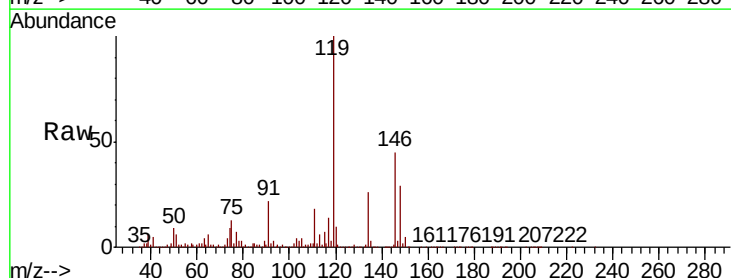
Tgt Ion:119 Resp: 797056

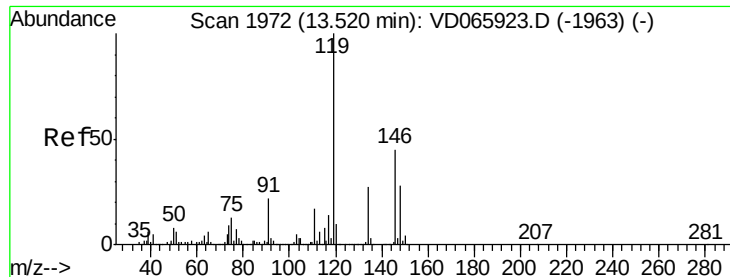
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.3 11.3 33.8

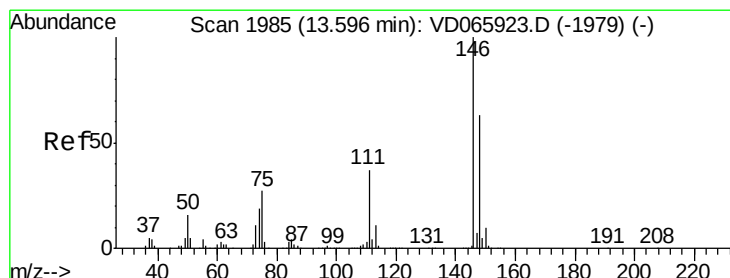
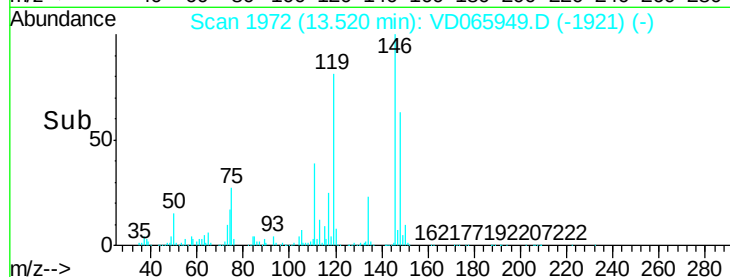
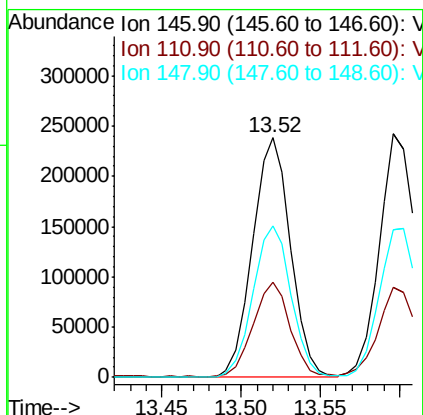
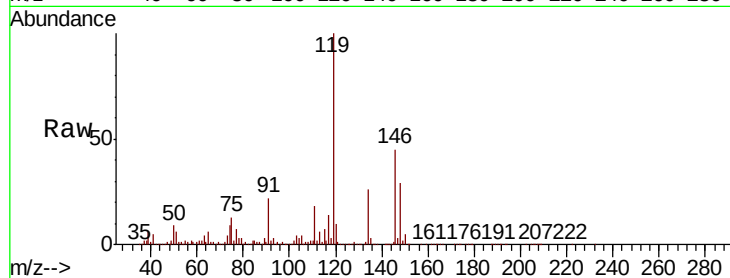




#87
 1,3-Dichlorobenzene
 Concen: 47.868 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

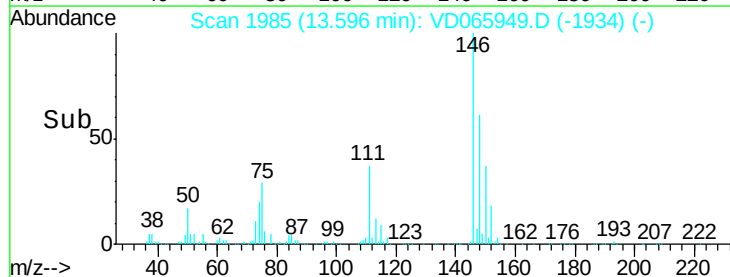
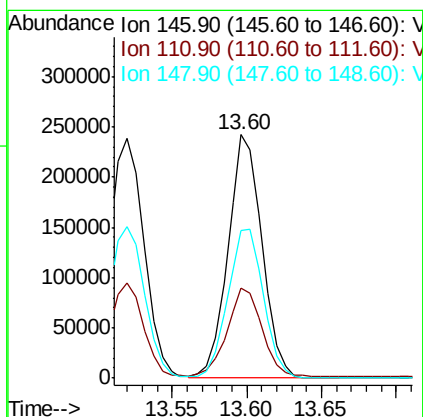
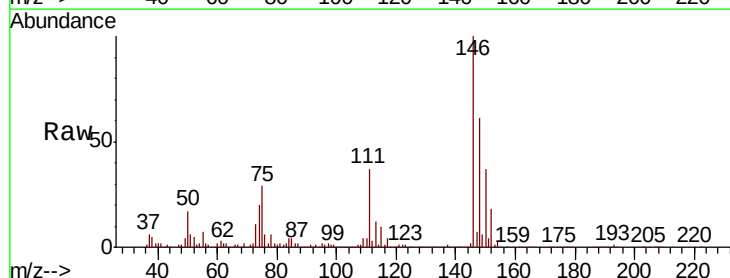
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

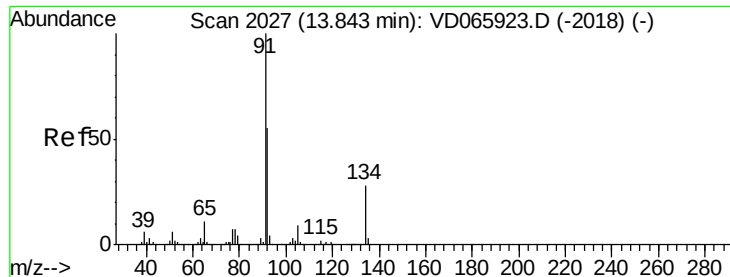
Tot Ion:146 Resp: 396182
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.8
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.605 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion:146 Resp: 384816
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 64.4 32.1 96.3

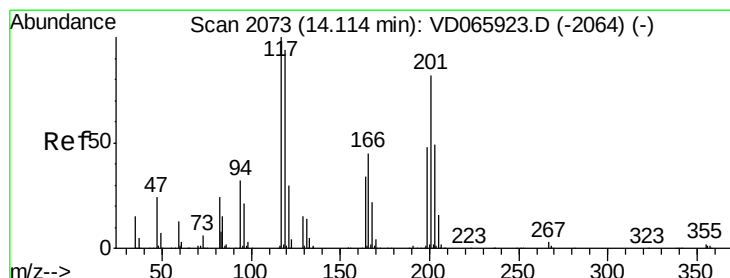
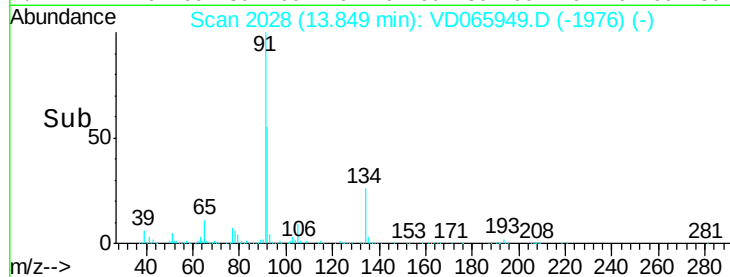
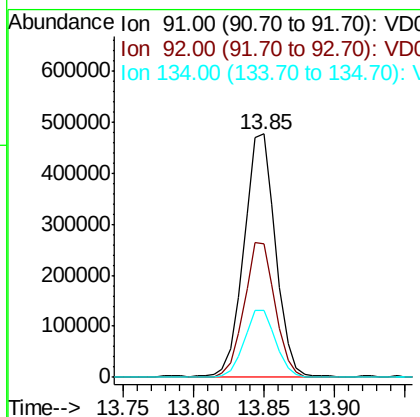
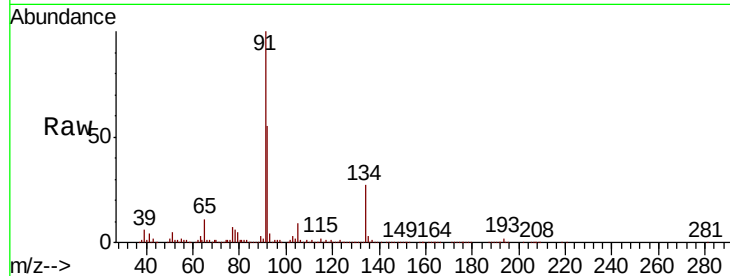




#89
n-Butylbenzene
Concen: 47.784 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

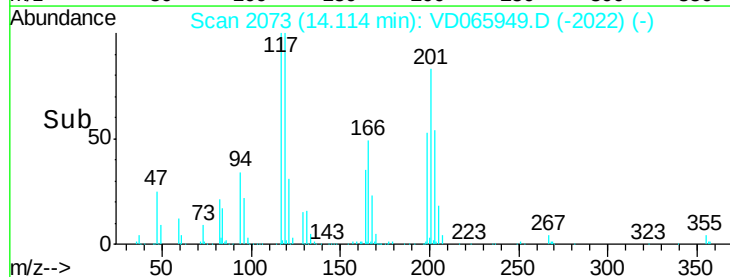
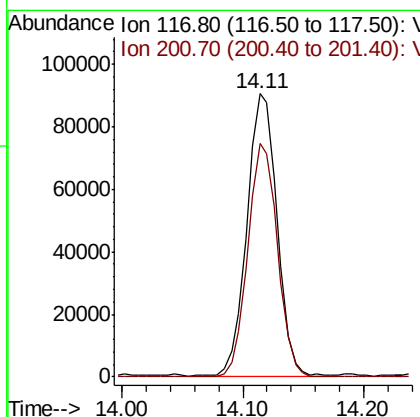
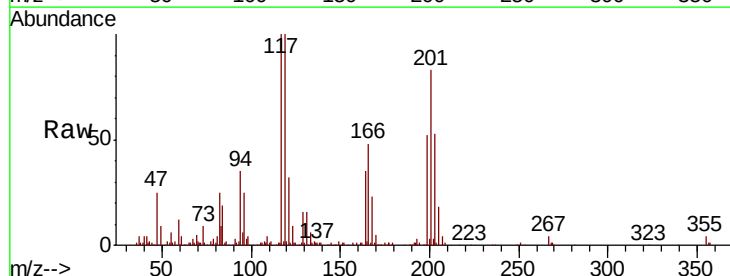
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

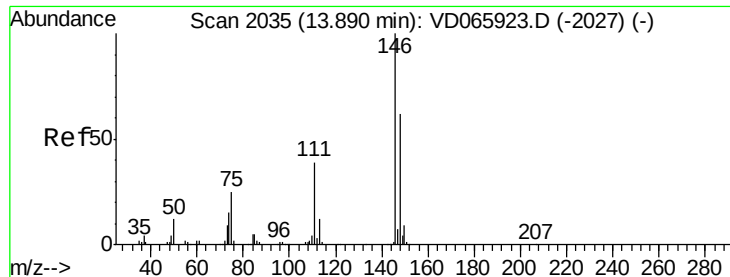
Tot Ion: 91 Resp: 739156
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 47.236 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065949.D
Acq: 10 Jul 2020 15:51

Tgt Ion: 117 Resp: 156908
Ion Ratio Lower Upper
117 100
201 81.5 40.0 120.0





#91

1,2-Dichlorobenzene

Concen: 47.545 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

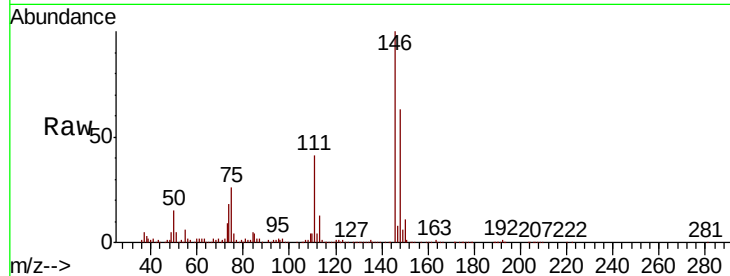
Tot Ion:146 Resp: 343937

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

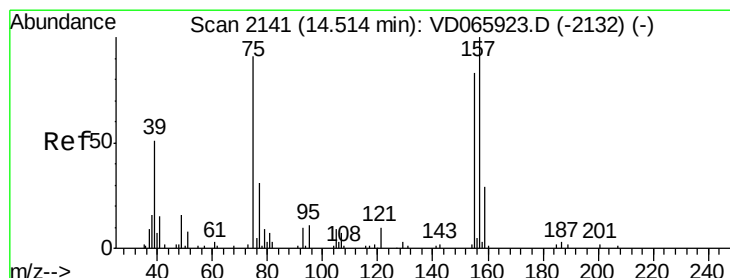
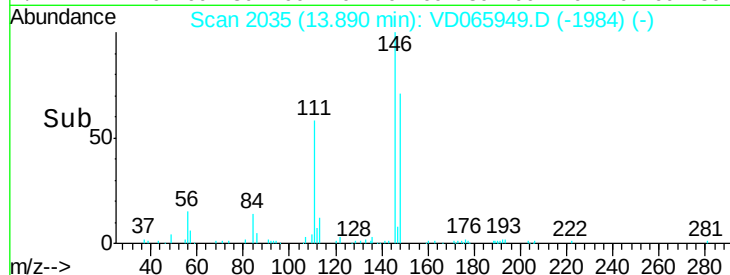
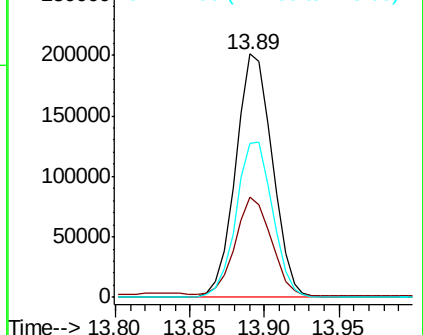
148 63.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.174 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

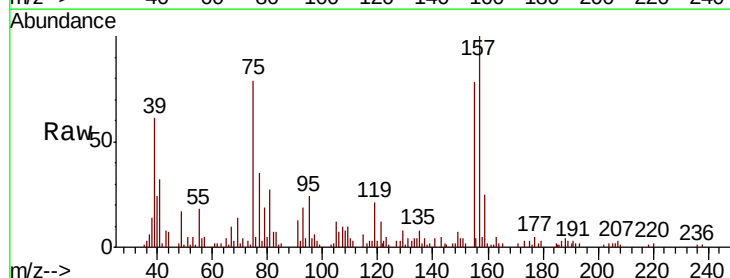
Tgt Ion: 75 Resp: 23882

Ion Ratio Lower Upper

75 100

155 98.1 45.3 135.8

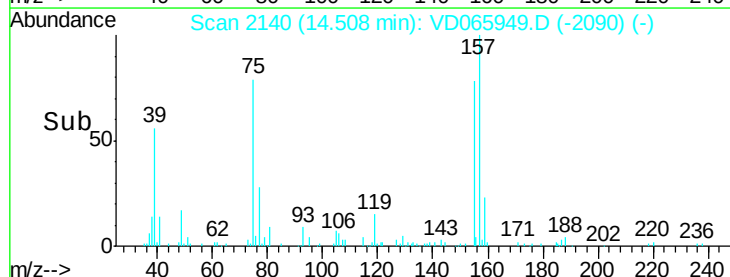
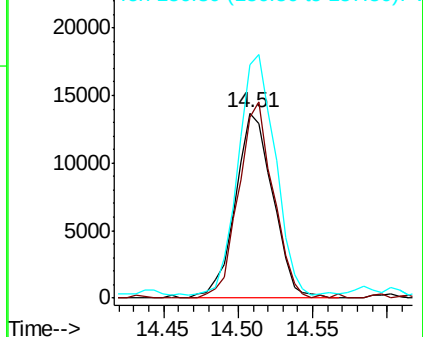
157 127.5 56.9 170.6

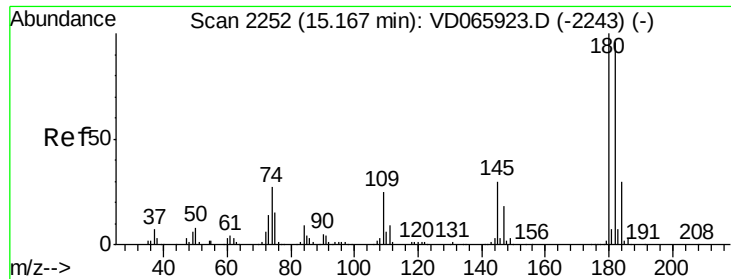


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

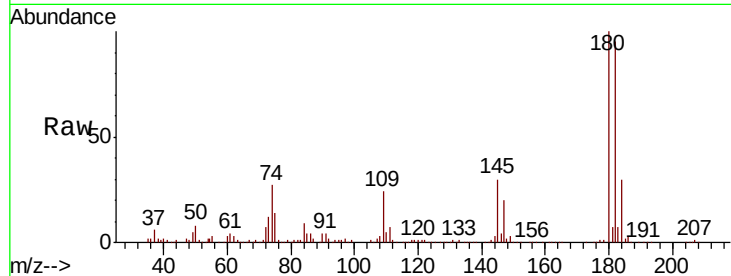




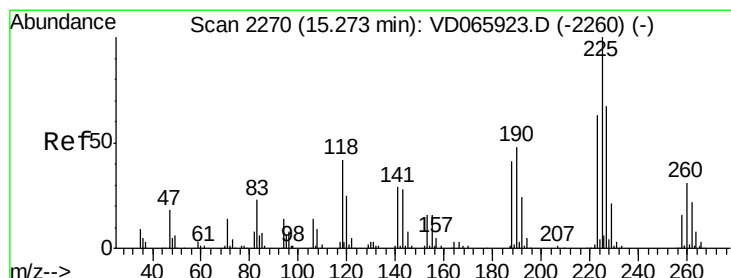
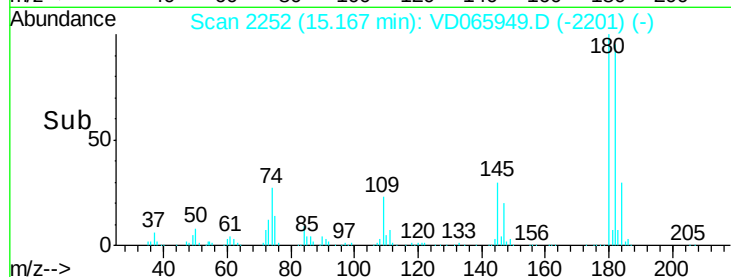
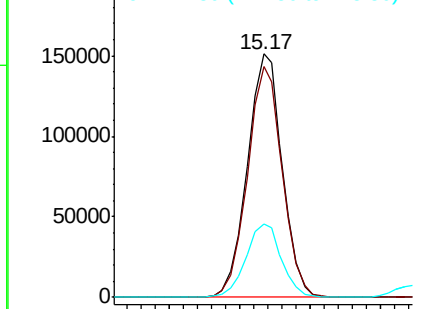
#93
 1,2,4-Trichlorobenzene
 Concen: 50.577 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.5	145.6
145	30.8	15.0	45.1

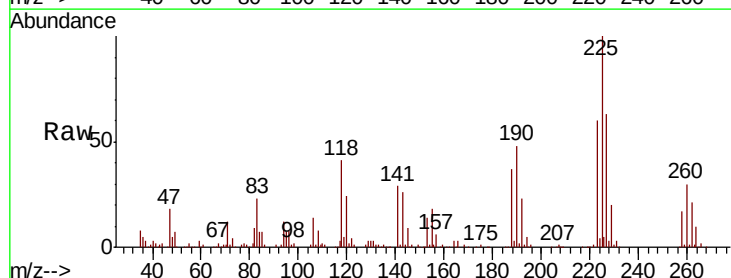


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

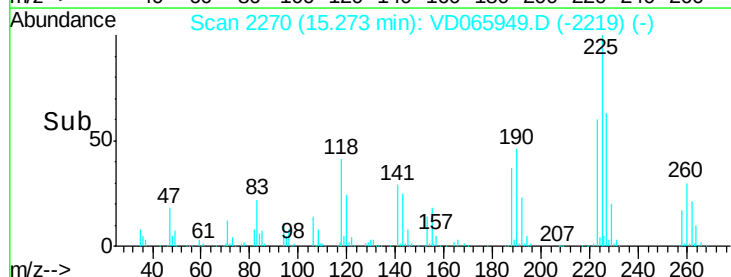
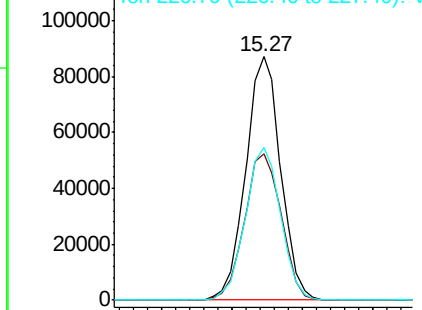


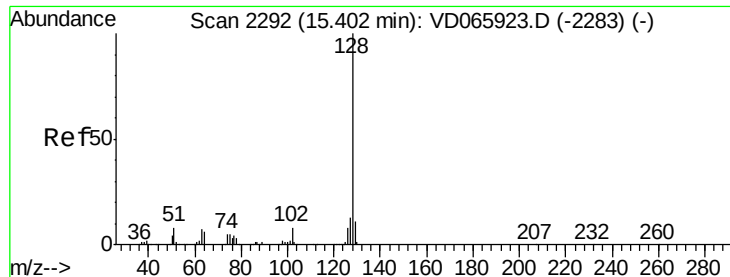
#94
 Hexachlorobutadiene
 Concen: 48.374 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065949.D
 Acq: 10 Jul 2020 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	63.7	31.6	95.0



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: 52.808 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

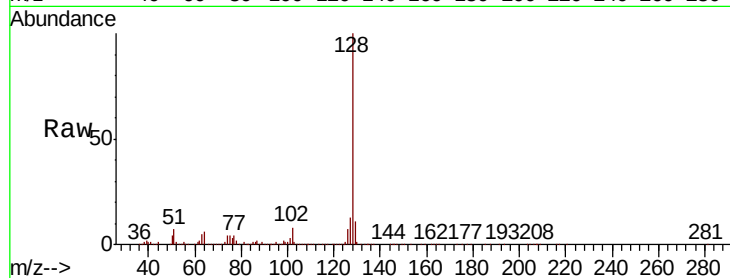
Tot Ion:128 Resp: 456610

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

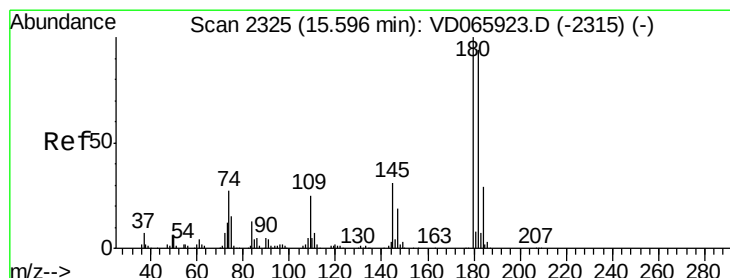
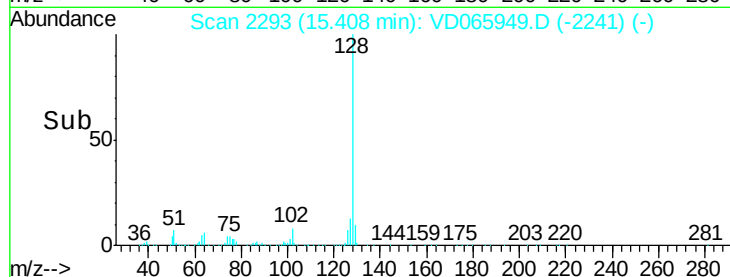
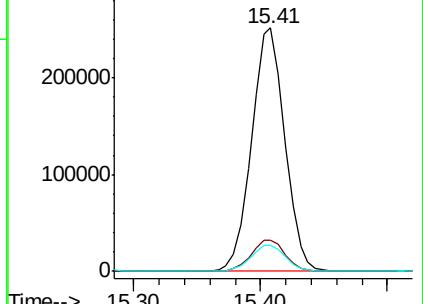
129 11.2 8.9 13.3



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: 50.690 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.01 min

Lab File: VD065949.D

Acq: 10 Jul 2020 15:51

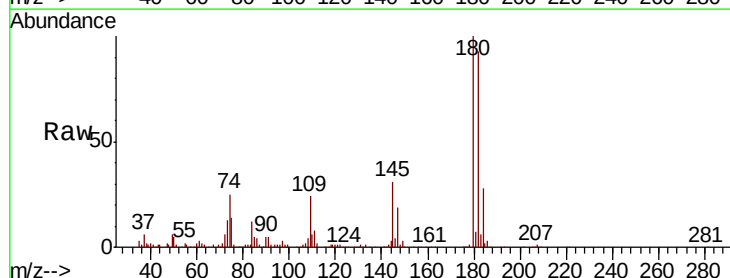
Tgt Ion:180 Resp: 225417

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 31.8 16.1 48.2



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

