

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065969.D
 Acq On : 16 Jul 2020 20:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 03:41:00 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	320148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	485375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	458589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	131532	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	7.91	113	146640	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.34	98	529628	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.63	95	191872	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	115424	40.555	ug/l	97
3) Chloromethane	2.20	50	112880	40.008	ug/l	95
4) Vinyl Chloride	2.35	62	103014	39.764	ug/l	100
5) Bromomethane	2.77	94	75339	45.911	ug/l	93
6) Chloroethane	2.92	64	67535	43.611	ug/l	96
7) Trichlorofluoromethane	3.27	101	261548	47.106	ug/l	100
8) Diethyl Ether	3.70	74	80645	52.943	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	161497	48.627	ug/l	99
10) Methyl Iodide	4.30	142	166575	47.738	ug/l	98
11) Tert butyl alcohol	5.22	59	45202	254.028	ug/l	97
12) 1,1-Dichloroethene	4.07	96	152895	49.278	ug/l	96
13) Acrolein	3.92	56	30744	211.800	ug/l	90
14) Allyl chloride	4.71	41	257968	49.062	ug/l	98
15) Acrylonitrile	5.42	53	180050	269.972	ug/l	99
16) Acetone	4.16	43	147945	222.496	ug/l	93
17) Carbon Disulfide	4.41	76	464713	47.007	ug/l	98
18) Methyl Acetate	4.71	43	79311	50.884	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	359363	54.708	ug/l	100
20) Methylene Chloride	4.97	84	222115	62.914	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	181167	51.898	ug/l	92
22) Diisopropyl ether	6.37	45	529943	53.632	ug/l	96
23) Vinyl Acetate	6.31	43	1512524	268.173	ug/l	100
24) 1,1-Dichloroethane	6.27	63	309492	52.527	ug/l	99
25) 2-Butanone	7.21	43	213626	243.132	ug/l	97
26) 2,2-Dichloropropane	7.21	77	254529	49.381	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	202240	53.920	ug/l	98
28) Bromochloromethane	7.55	49	106420	47.812	ug/l	95
29) Tetrahydrofuran	7.56	42	143771	257.326	ug/l	99
30) Chloroform	7.71	83	315300	52.786	ug/l	97
31) Cyclohexane	7.98	56	259203	44.712	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	282982	51.913	ug/l	99
36) 1,1-Dichloropropene	8.11	75	241087	50.292	ug/l	99
37) Ethyl Acetate	7.29	43	102900	51.230	ug/l	98
38) Carbon Tetrachloride	8.10	117	254859	49.601	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	284724	48.378	ug/l	99
40) Benzene	8.35	78	700811	52.918	ug/l	98
41) Methacrylonitrile	7.56	41	142257	121.986	ug/l #	25
42) 1,2-Dichloroethane	8.43	62	194613	51.872	ug/l	99
43) Isopropyl Acetate	8.46	43	194359	51.985	ug/l	96
44) Trichloroethene	9.11	130	205224	52.741	ug/l	98
45) 1,2-Dichloropropane	9.39	63	179774	54.692	ug/l	99
46) Dibromomethane	9.47	93	90628	52.959	ug/l	95
47) Bromodichloromethane	9.66	83	246668	53.735	ug/l	99
48) Methyl methacrylate	9.46	41	101543	53.951	ug/l	97
49) 1,4-Dioxane	9.46	88	21000	1032.781	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	506598	268.017	ug/l	100
52) Toluene	10.40	92	456967	54.237	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	233221	54.033	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	280636	53.808	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	131669	55.844	ug/l	97
56) Ethyl methacrylate	10.66	69	160068	55.583	ug/l	99
57) 1,3-Dichloropropane	10.95	76	222744	54.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	344323	246.882	ug/l	97
59) 2-Hexanone	10.98	43	335734	258.268	ug/l	98
60) Dibromochloromethane	11.14	129	176350	54.744	ug/l	97
61) 1,2-Dibromoethane	11.25	107	128276	54.567	ug/l	100
64) Tetrachloroethene	10.88	164	175195	52.532	ug/l	96
65) Chlorobenzene	11.67	112	493162	53.364	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	189240	54.749	ug/l	99
67) Ethyl Benzene	11.74	91	865546	52.721	ug/l	98
68) m/p-Xylenes	11.86	106	670259	107.456	ug/l	98
69) o-Xylene	12.18	106	310349	54.619	ug/l	100
70) Styrene	12.20	104	546676	55.734	ug/l	98
71) Bromoform	12.36	173	108895	55.676	ug/l #	99
73) Isopropylbenzene	12.48	105	848063	51.589	ug/l	99
74) N-amyl acetate	12.29	43	186296	50.503	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	140409	51.447	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	183262	92.748	ug/l #	100
77) Bromobenzene	12.76	156	213733	53.606	ug/l	98
78) n-propylbenzene	12.82	91	979864	50.841	ug/l	100
79) 2-Chlorotoluene	12.91	91	559159	51.141	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	696598	51.808	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	46172	50.210	ug/l	99
82) 4-Chlorotoluene	13.01	91	584193	50.926	ug/l	99
83) tert-Butylbenzene	13.23	119	599041	52.293	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	702126	52.459	ug/l	100
85) sec-Butylbenzene	13.40	105	827052	50.944	ug/l	99
86) p-Isopropyltoluene	13.52	119	766831	51.642	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	395079	52.954	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	389912	52.385	ug/l	99
89) n-Butylbenzene	13.84	91	697335	50.009	ug/l	99
90) Hexachloroethane	14.11	117	152168	50.818	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	341421	52.358	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21461	47.027	ug/l	91

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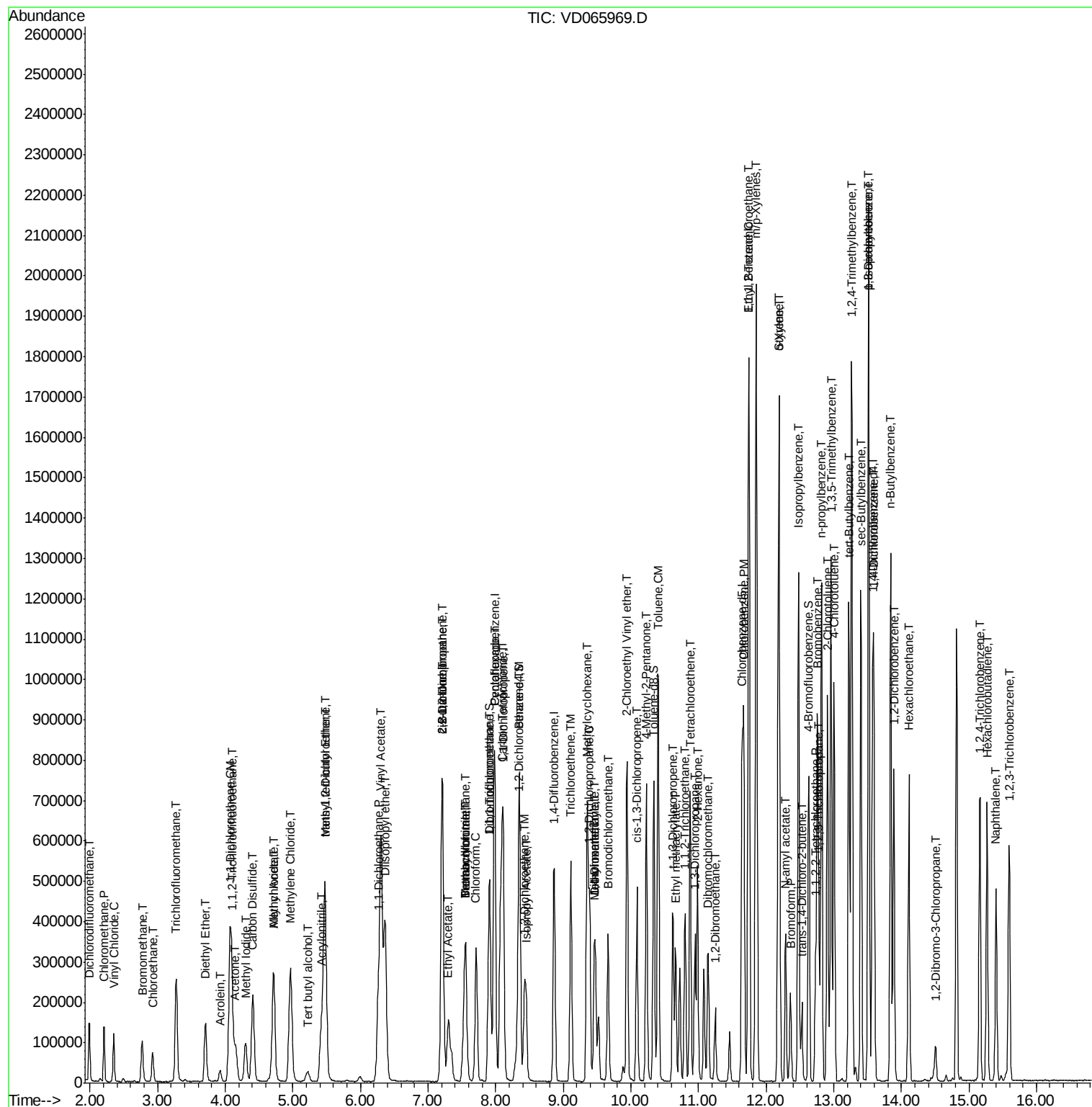
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	248032	53.369	ug/l	98
94) Hexachlorobutadiene	15.27	225	145057	51.599	ug/l	100
95) Naphthalene	15.40	128	412845	52.967	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	214452	53.497	ug/l	98

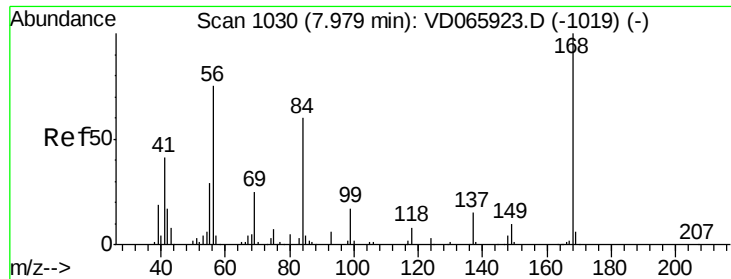
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

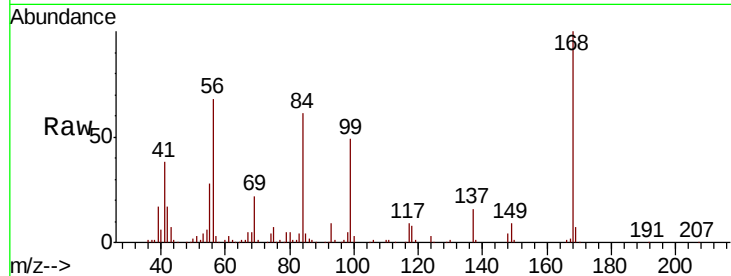
VSTDCCC050EC

Tot Ion:168 Resp: 320148

Ion Ratio Lower Upper

168 100

99 48.7 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

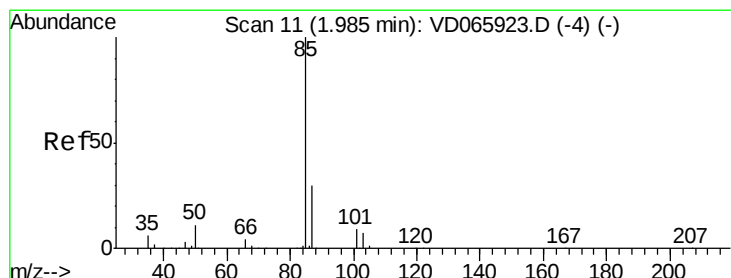
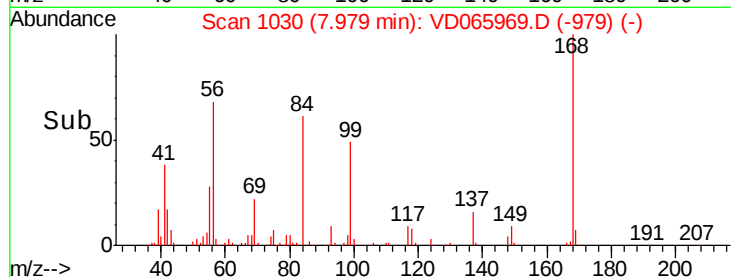
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.555 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065969.D

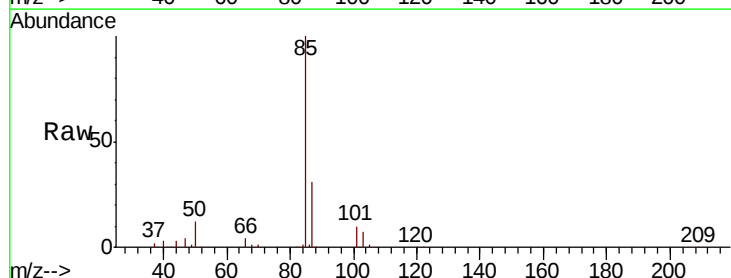
Acq: 16 Jul 2020 20:46

Tgt Ion: 85 Resp: 115424

Ion Ratio Lower Upper

85 100

87 31.3 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

80000

60000

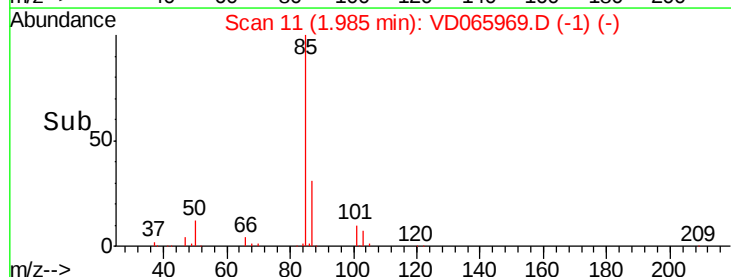
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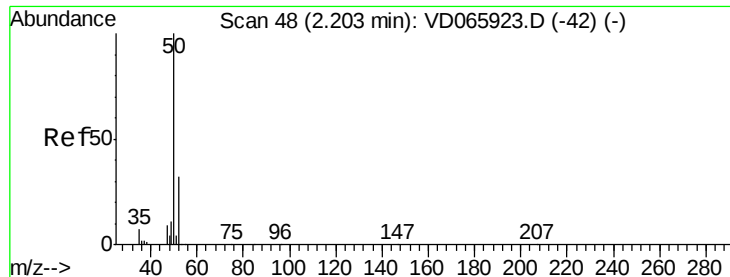
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.008 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

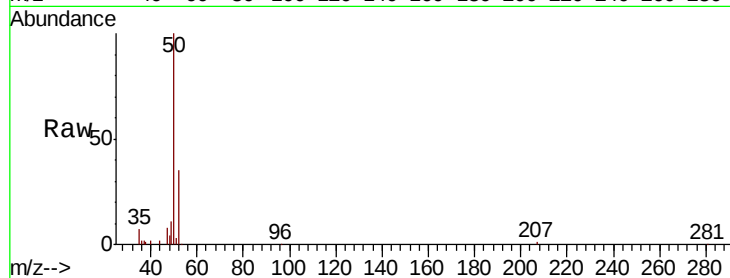
VSTDCCC050EC

Tot Ion: 50 Resp: 112880

Ion Ratio Lower Upper

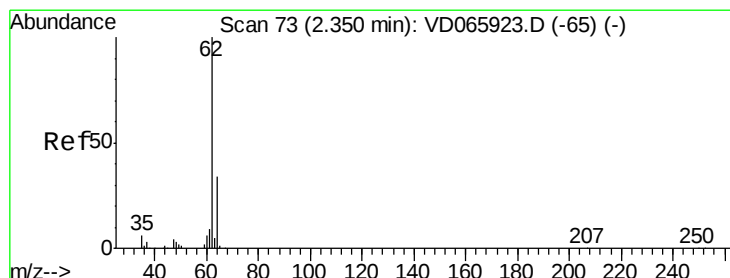
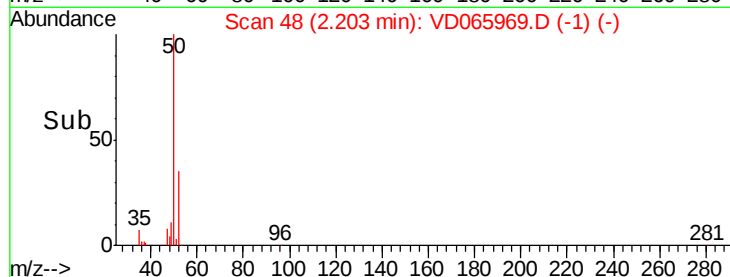
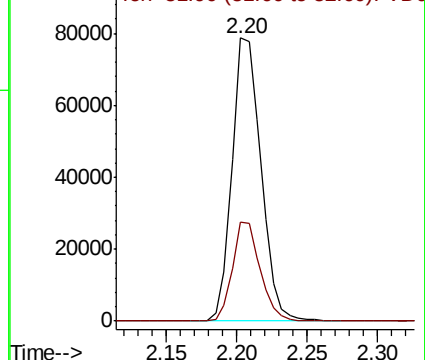
50 100

52 35.0 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: 39.764 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065969.D

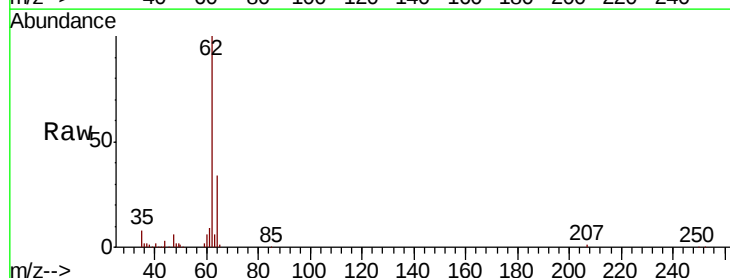
Acq: 16 Jul 2020 20:46

Tgt Ion: 62 Resp: 103014

Ion Ratio Lower Upper

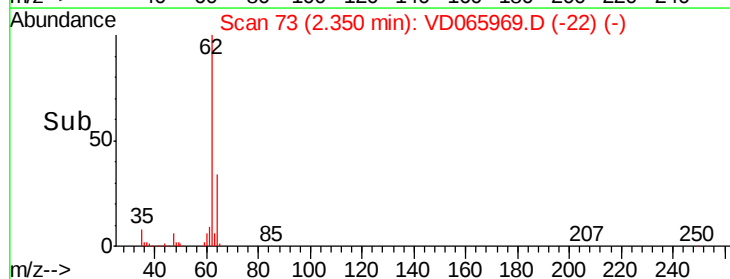
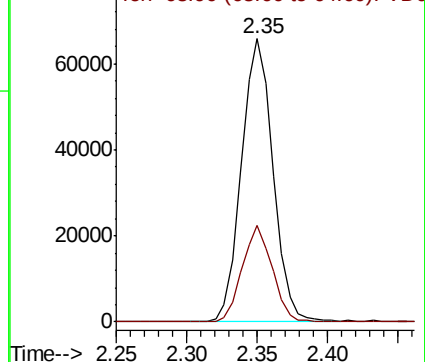
62 100

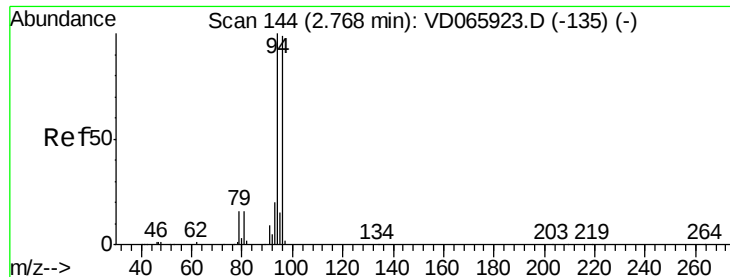
64 33.9 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.911 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

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ClientSampleId :

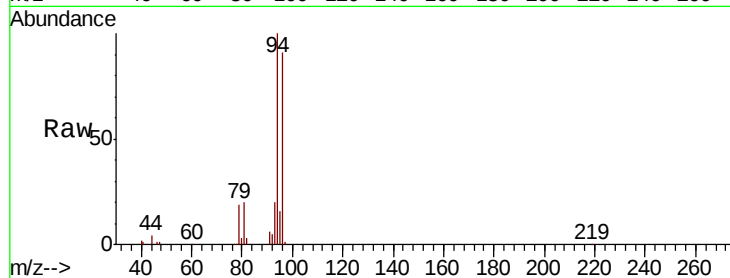
VSTDCCC050EC

Tot Ion: 94 Resp: 75339

Ion Ratio Lower Upper

94 100

96 91.2 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

30000

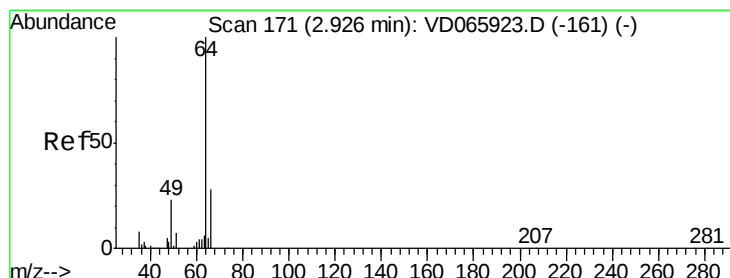
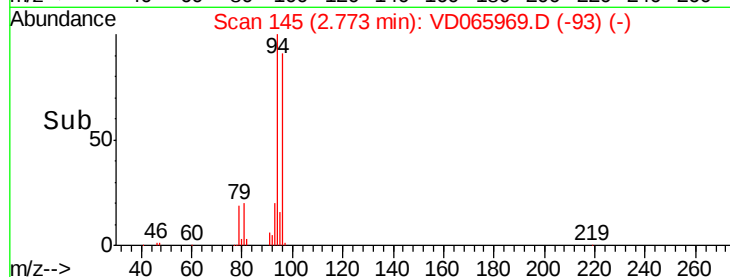
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 43.611 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065969.D

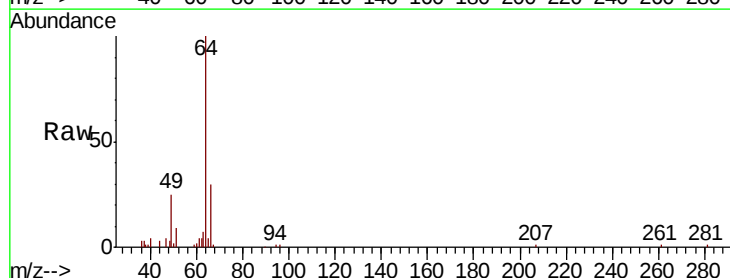
Acq: 16 Jul 2020 20:46

Tgt Ion: 64 Resp: 67535

Ion Ratio Lower Upper

64 100

66 30.2 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

30000

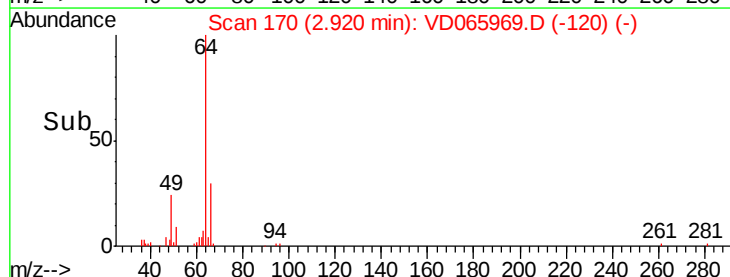
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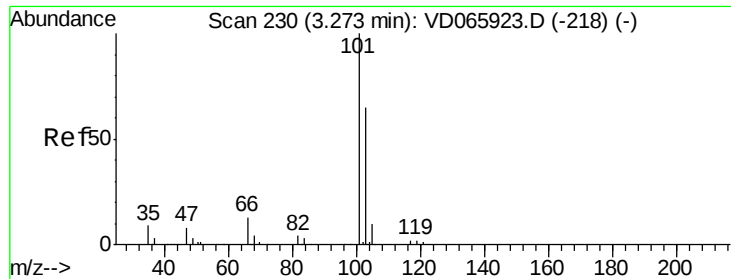
10000

0

Time-->

2.80 2.90 3.00



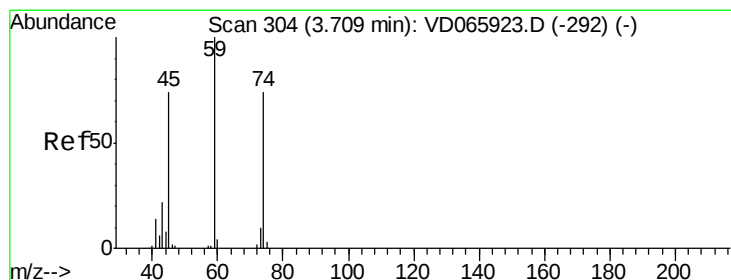
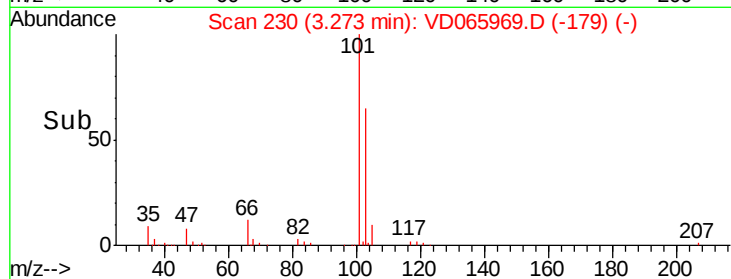
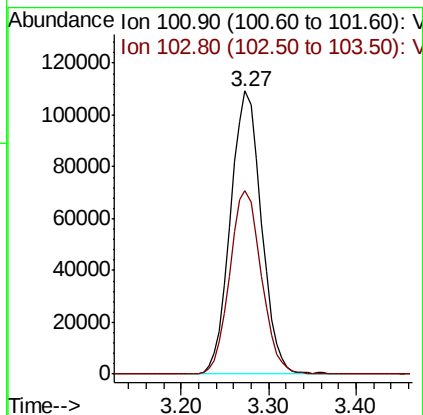
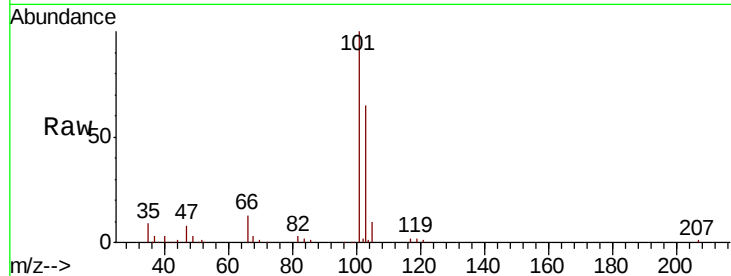


#7

Trichlorofluoromethane
 Concen: 47.106 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Instrument :
 MSVOA_D
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 VSTDCCC050EC

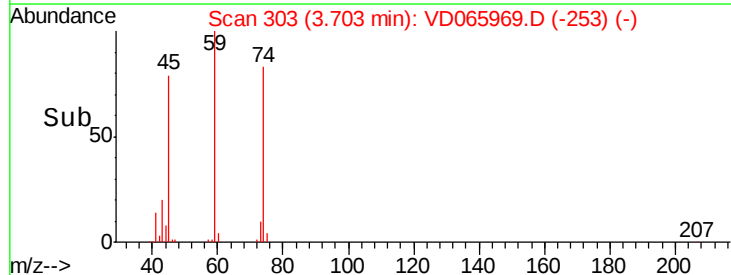
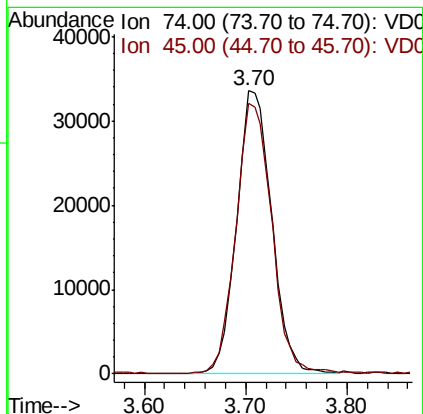
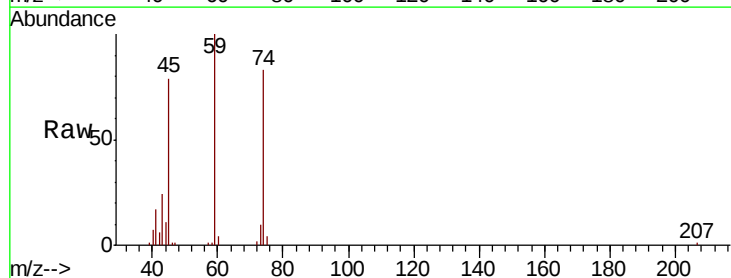
Tot Ion:101 Resp: 261548
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

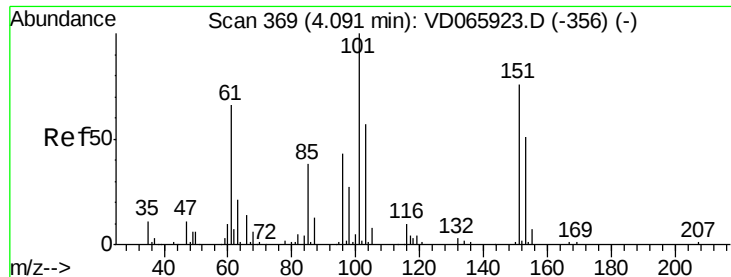


#8

Diethyl Ether
 Concen: 52.943 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 74 Resp: 80645
 Ion Ratio Lower Upper
 74 100
 45 98.2 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.627 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

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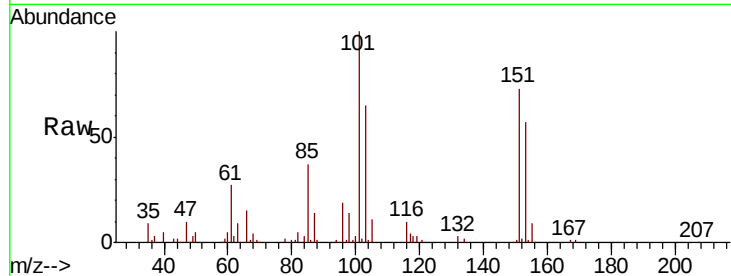
Tot Ion:101 Resp: 161497

Ion Ratio Lower Upper

101 100

85 41.0 33.8 50.8

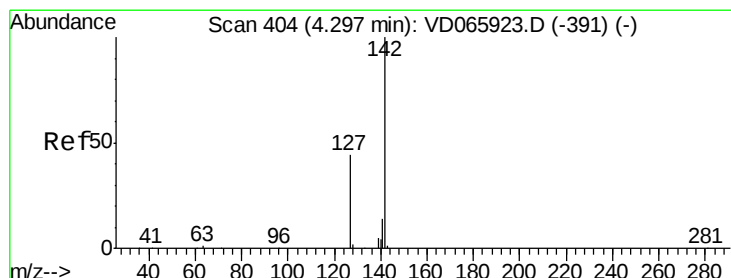
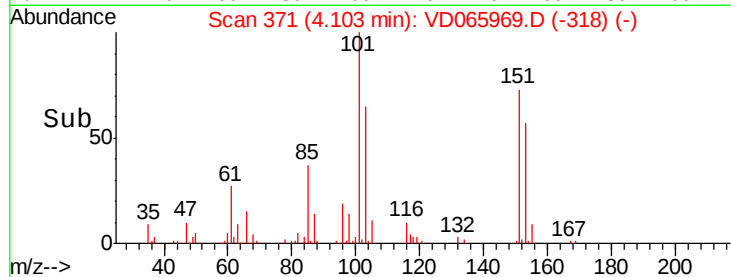
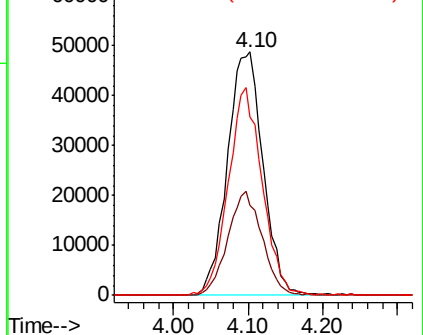
151 81.2 64.1 96.1



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: 47.738 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

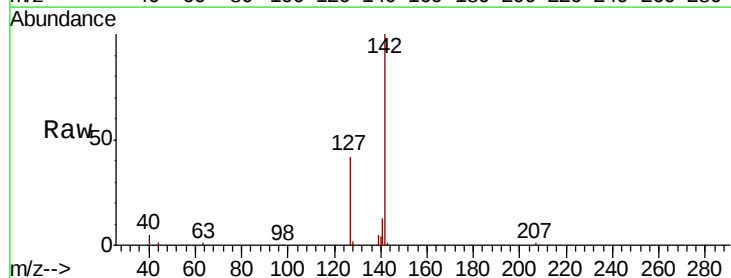
Tgt Ion:142 Resp: 166575

Ion Ratio Lower Upper

142 100

127 41.7 34.6 51.8

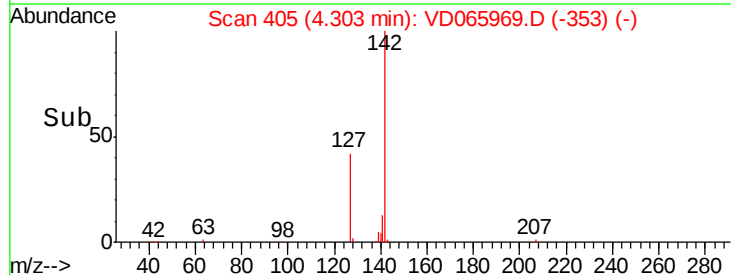
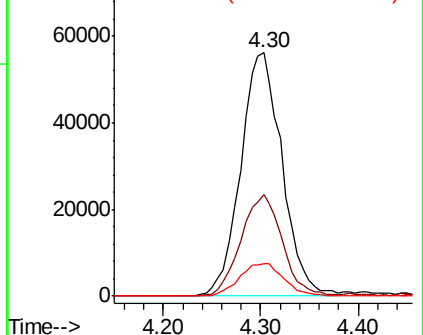
141 14.4 11.6 17.4

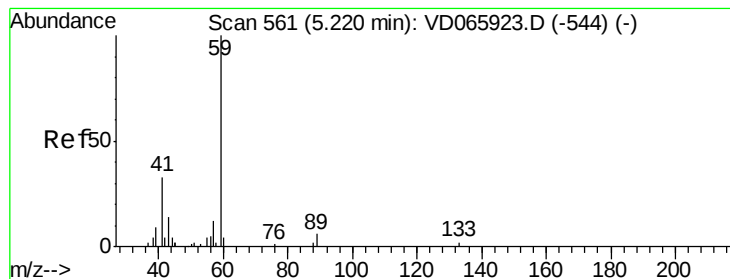


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



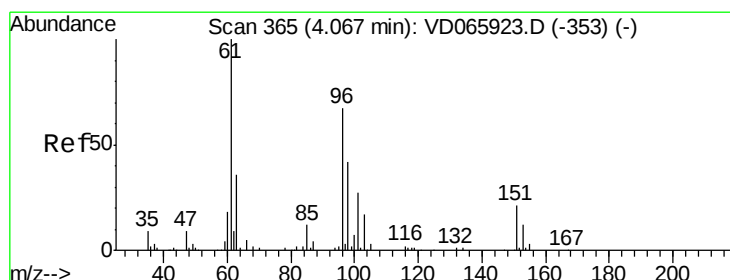
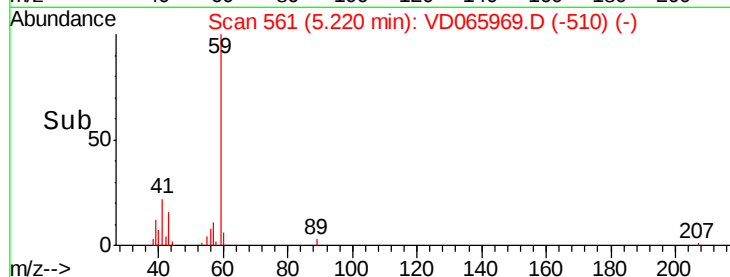
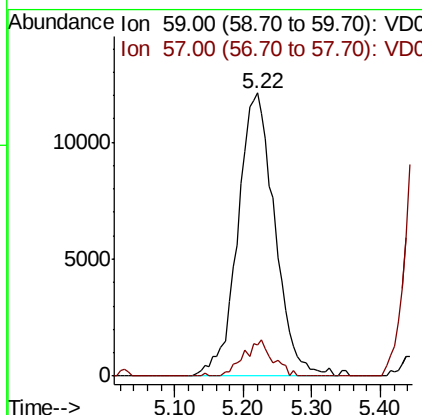
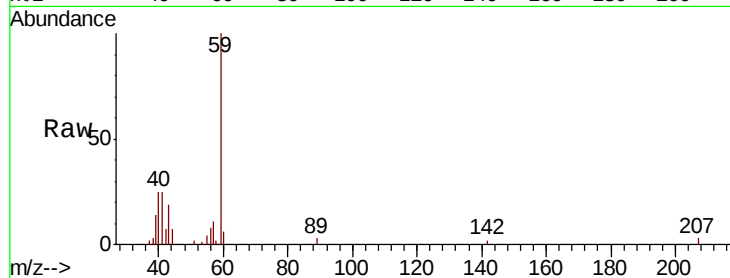


#11

Tert butyl alcohol
 Concen: 254.028 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

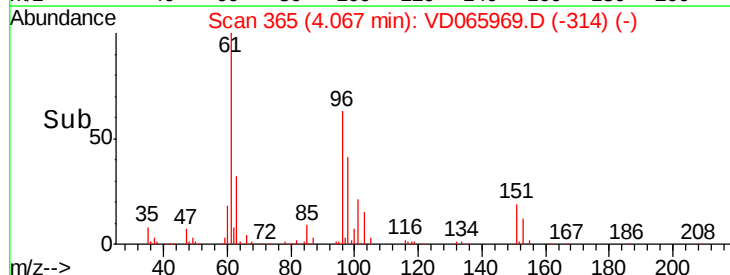
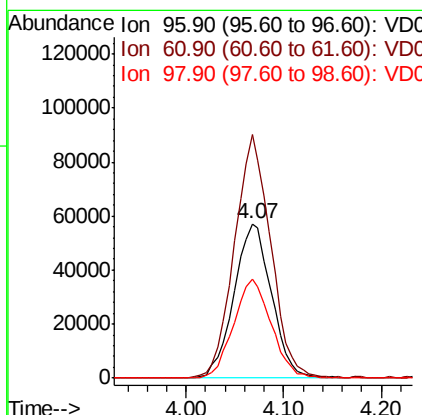
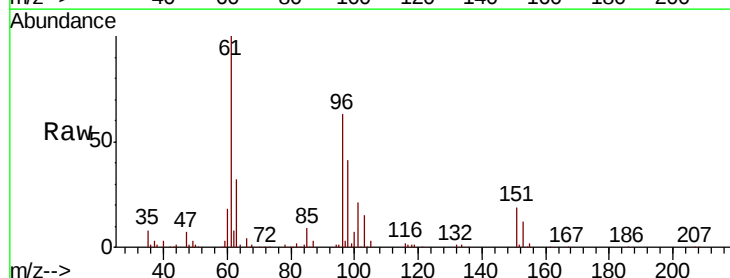
Tot Ion: 59 Resp: 45202
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.7 13.1

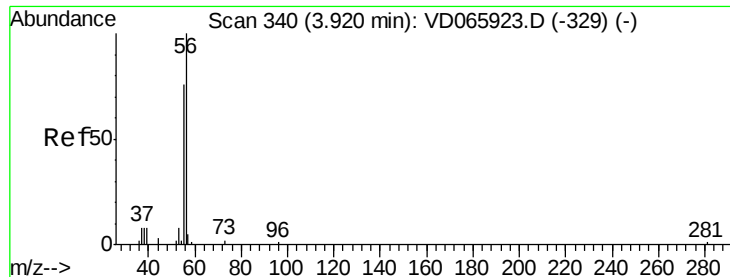


#12

1,1-Dichloroethene
 Concen: 49.278 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 96 Resp: 152895
 Ion Ratio Lower Upper
 96 100
 61 157.6 120.2 180.2
 98 63.9 50.6 76.0





#13

Acrolein

Concen: 211.800 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

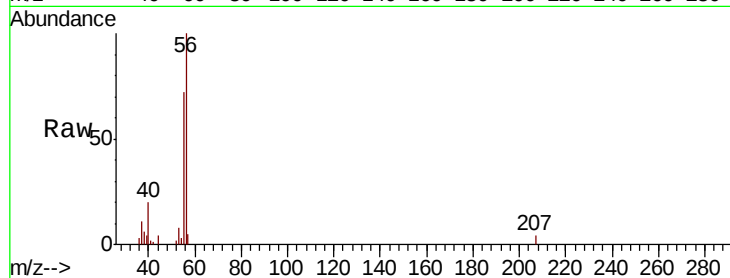
VSTDCCC050EC

Tot Ion: 56 Resp: 30744

Ion Ratio Lower Upper

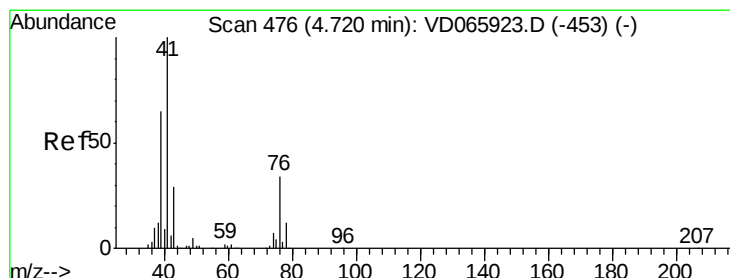
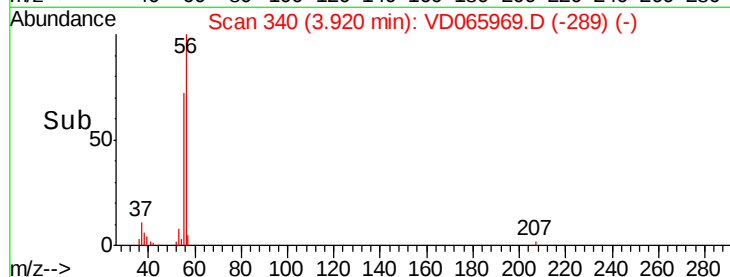
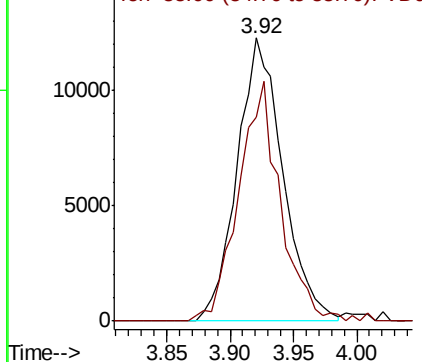
56 100

55 77.1 55.0 82.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.062 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

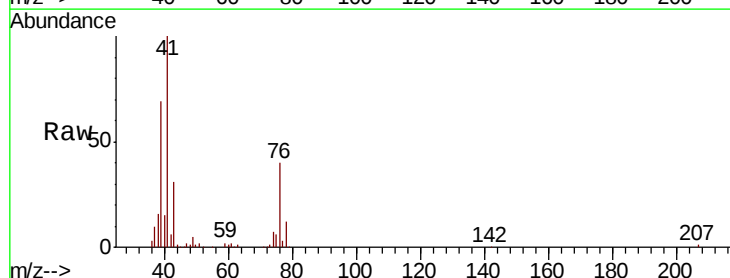
Tgt Ion: 41 Resp: 257968

Ion Ratio Lower Upper

41 100

39 66.7 52.2 78.4

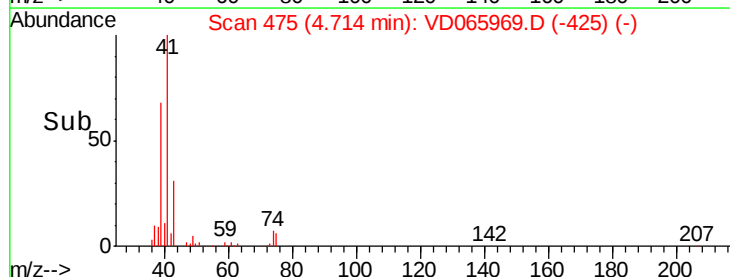
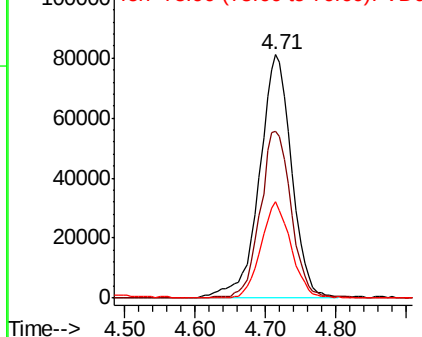
76 37.1 28.1 42.1

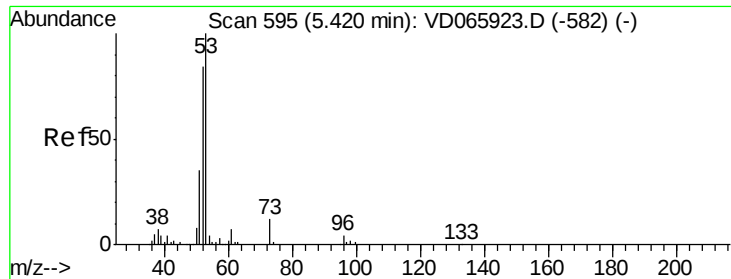


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 269.972 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

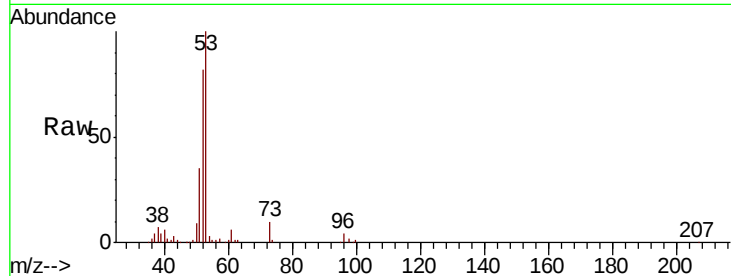
Tot Ion: 53 Resp: 180050

Ion Ratio Lower Upper

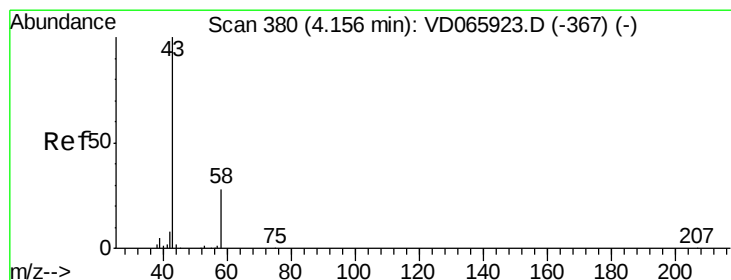
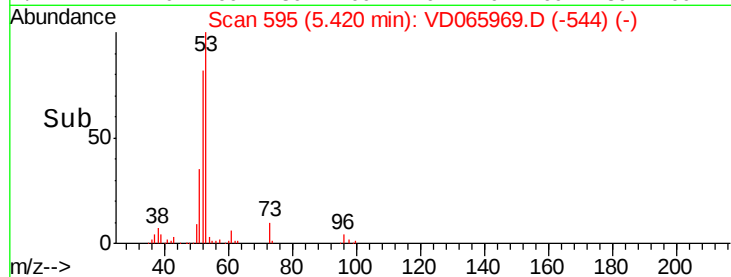
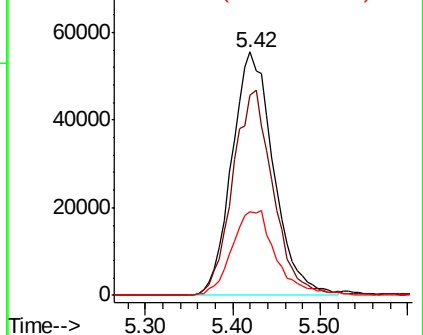
53 100

52 81.7 66.3 99.5

51 36.7 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: 222.496 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065969.D

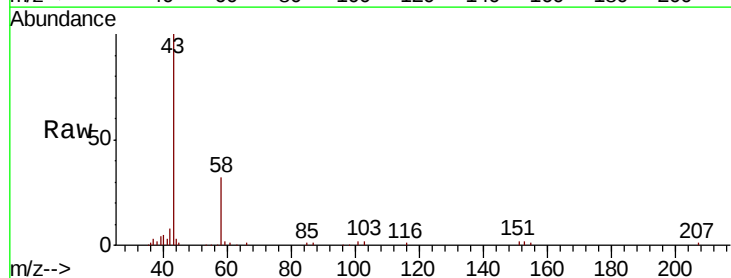
Acq: 16 Jul 2020 20:46

Tgt Ion: 43 Resp: 147945

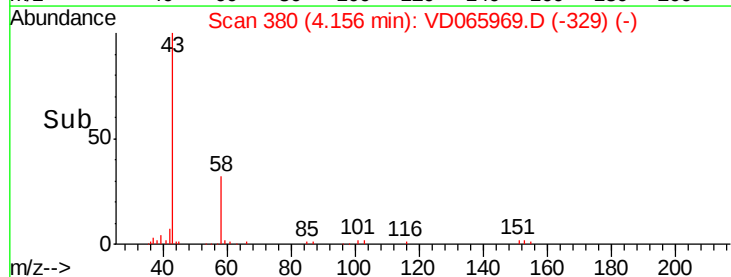
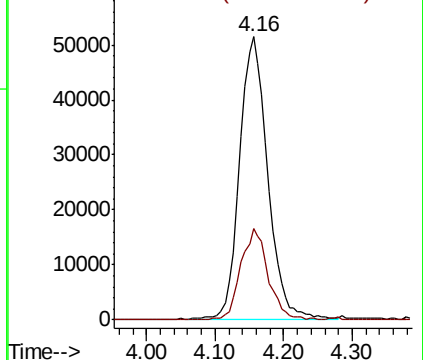
Ion Ratio Lower Upper

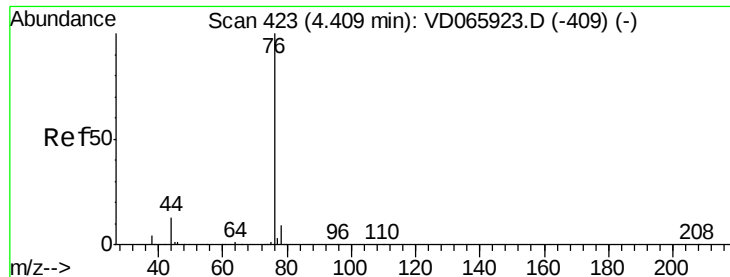
43 100

58 32.3 22.7 34.1



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

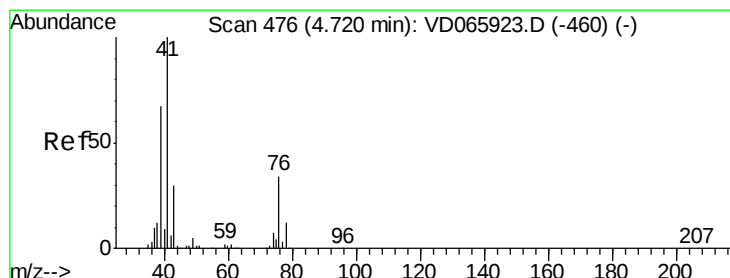
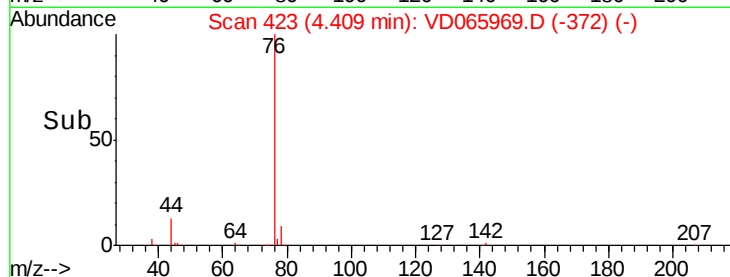
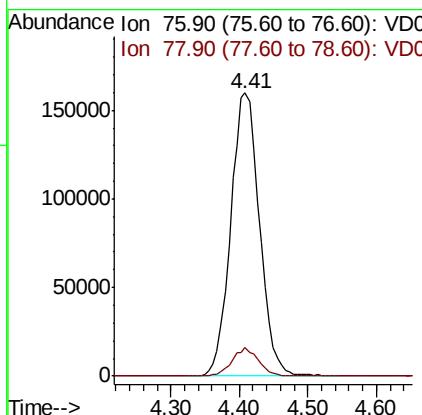
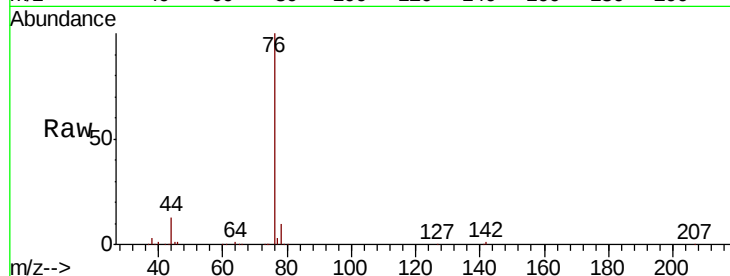




#17
Carbon Disulfide
Concen: 47.007 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

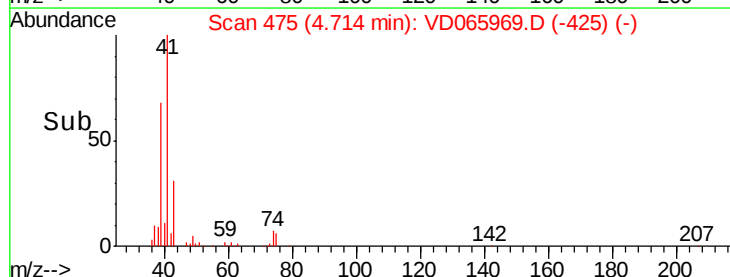
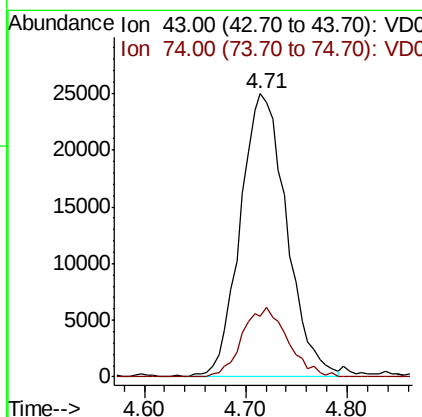
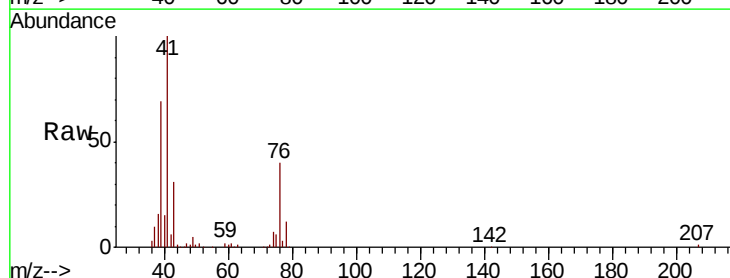
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

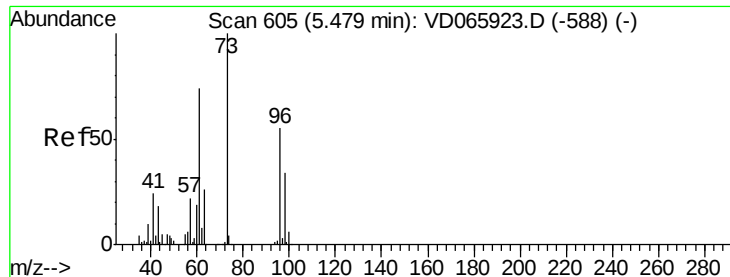
Tot Ion: 76 Resp: 464713
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 50.884 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 43 Resp: 79311
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8

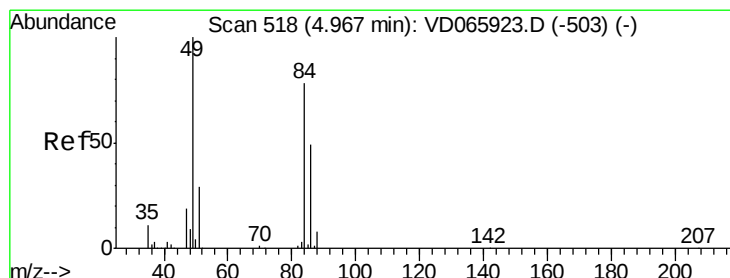
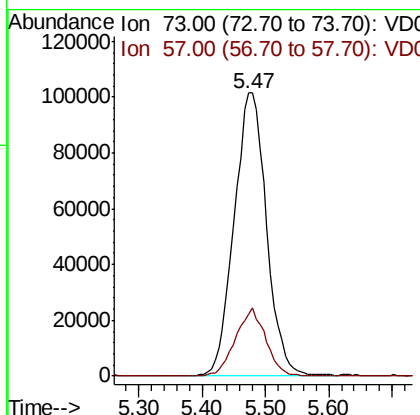
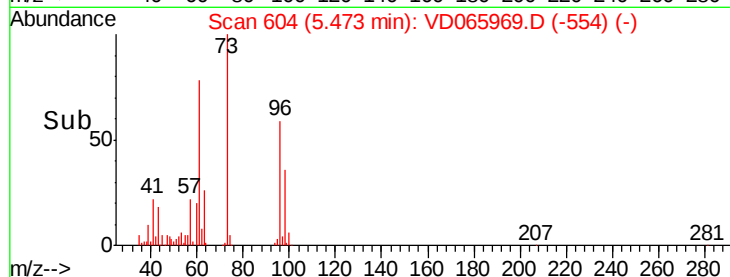
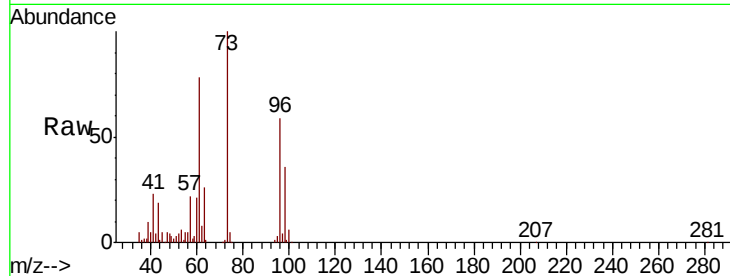




#19
Methyl tert-butyl Ether
Concen: 54.708 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

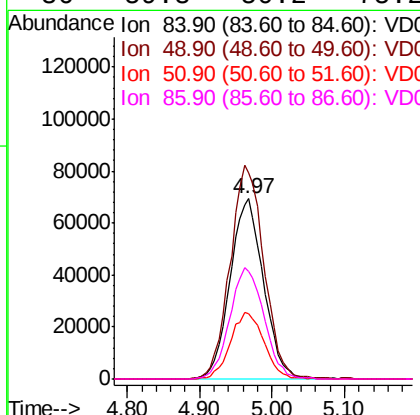
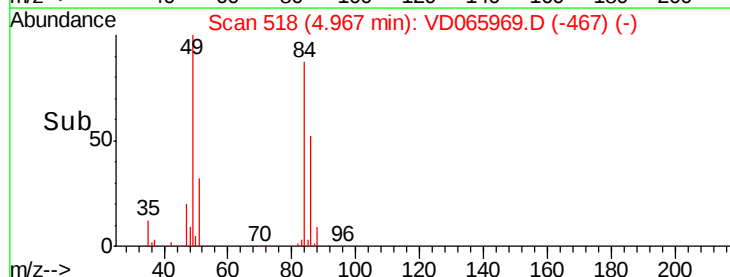
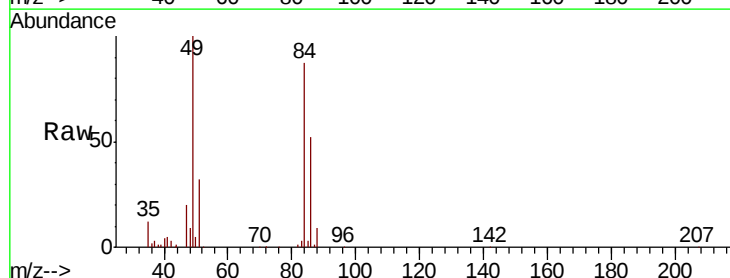
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

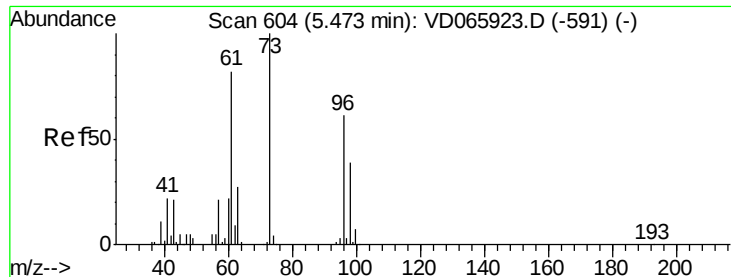
Tot Ion: 73 Resp: 359363
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 62.914 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 84 Resp: 222115
Ion Ratio Lower Upper
84 100
49 114.8 102.2 153.2
51 36.2 29.8 44.6
86 59.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.898 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

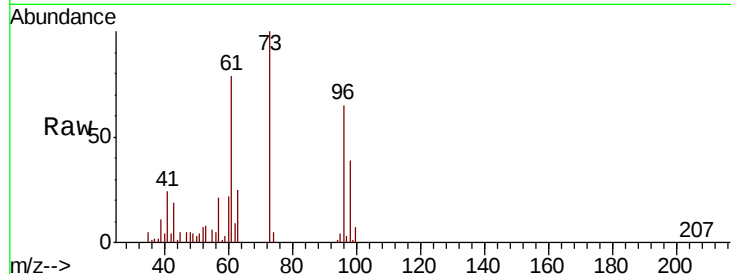
Tot Ion: 96 Resp: 181167

Ion Ratio Lower Upper

96 100

61 121.6 106.6 160.0

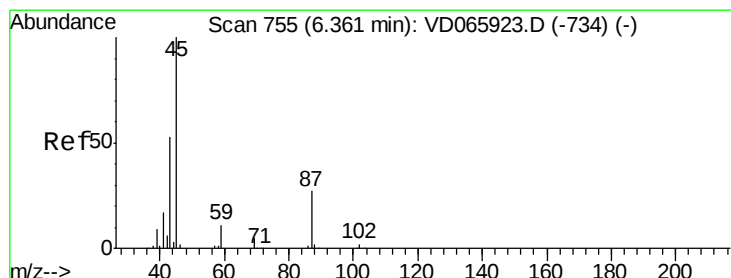
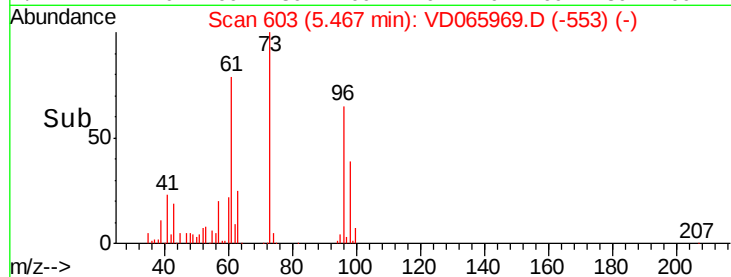
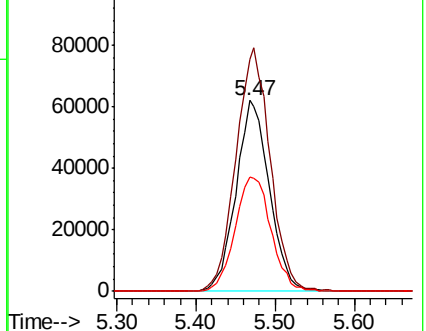
98 59.9 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 53.632 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Tgt Ion: 45 Resp: 529943

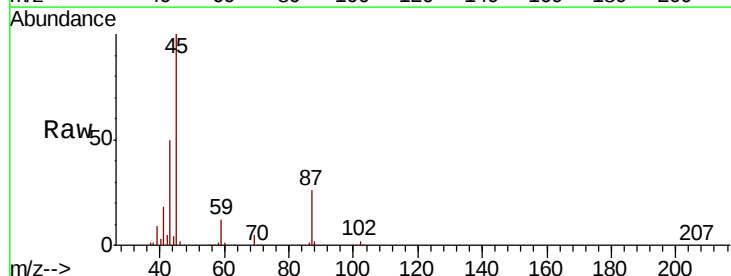
Ion Ratio Lower Upper

45 100

43 49.7 42.5 63.7

87 25.7 22.2 33.2

59 11.7 8.9 13.3

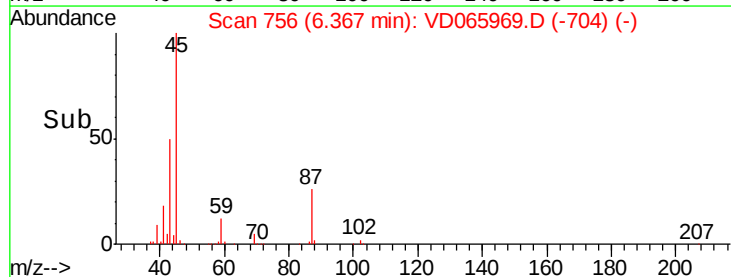
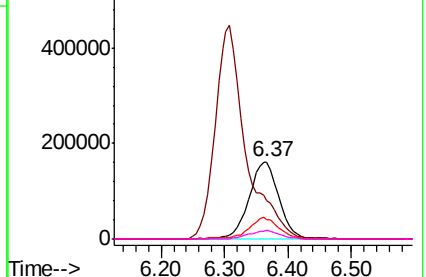


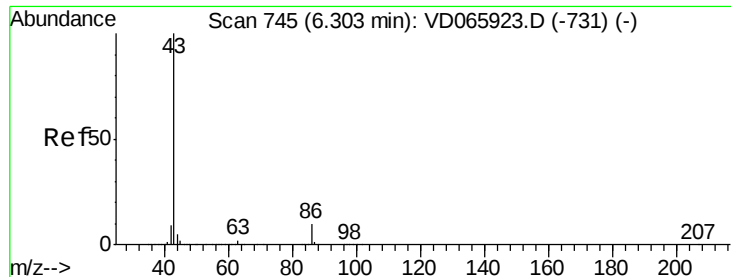
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 268.173 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

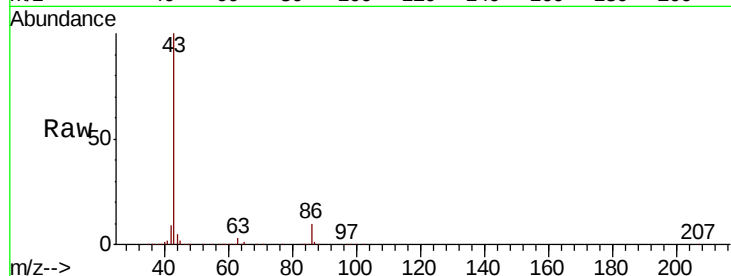
VSTDCCC050EC

Tot Ion: 43 Resp: 1512524

Ion Ratio Lower Upper

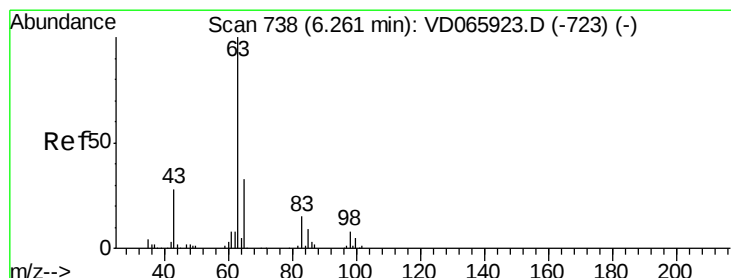
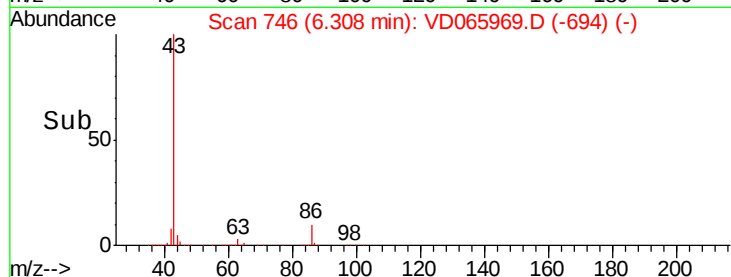
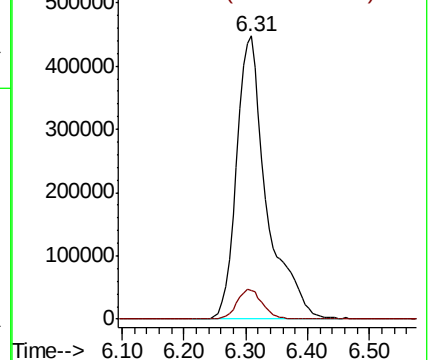
43 100

86 10.3 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: 52.527 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

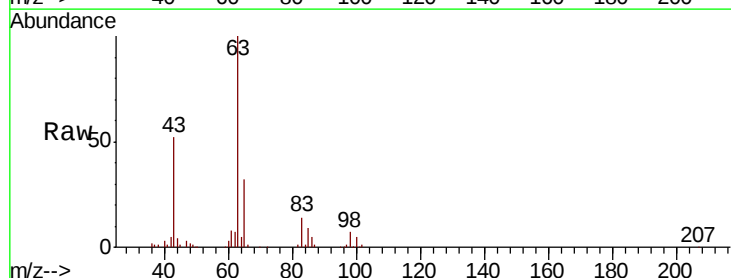
Tgt Ion: 63 Resp: 309492

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

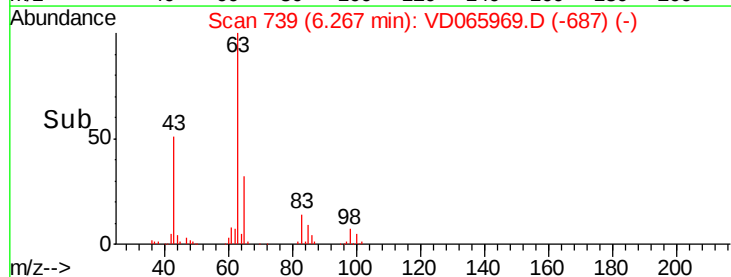
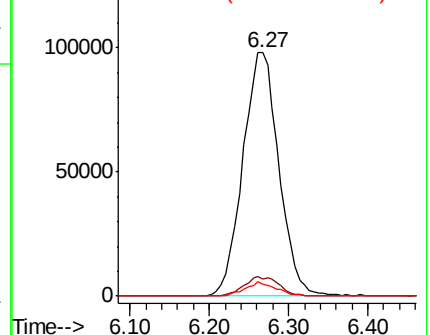
100 4.8 2.5 7.5

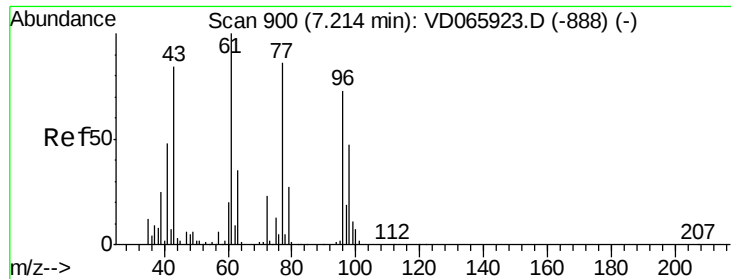


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

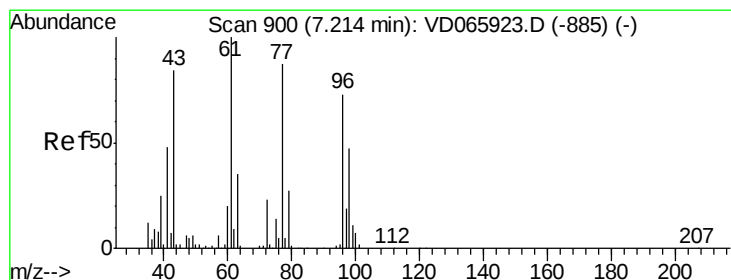
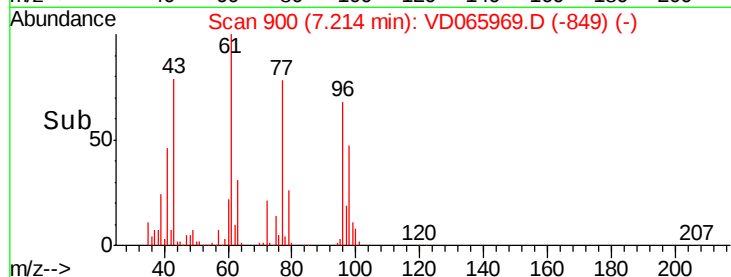
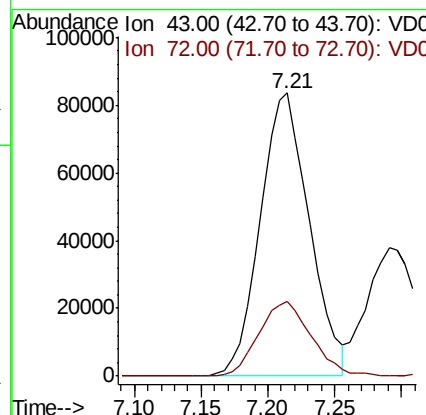
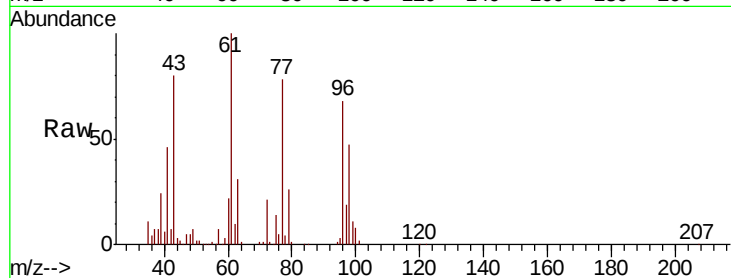




#25
2-Butanone
Concen: 243.132 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

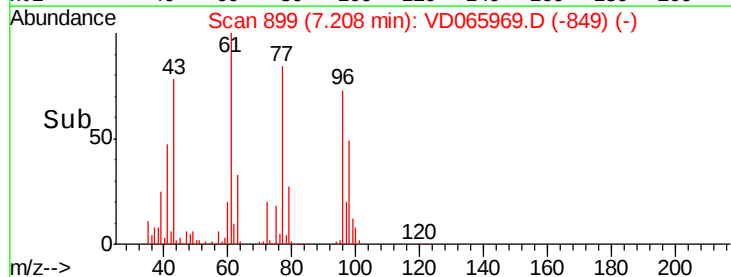
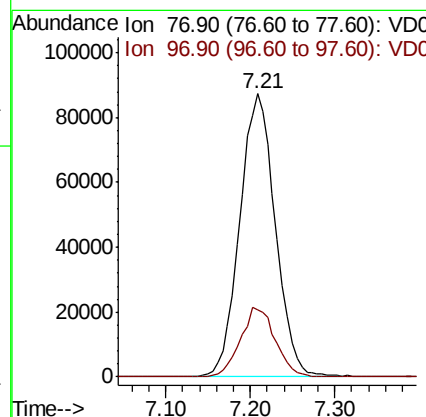
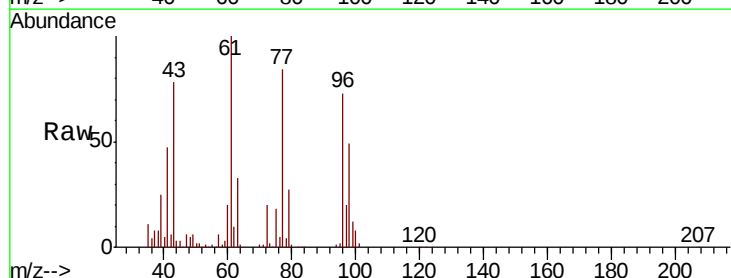
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

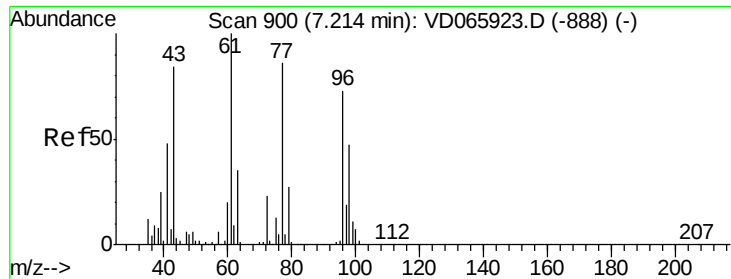
Tot Ion: 43 Resp: 213626
Ion Ratio Lower Upper
43 100
72 26.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 49.381 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 77 Resp: 254529
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.8

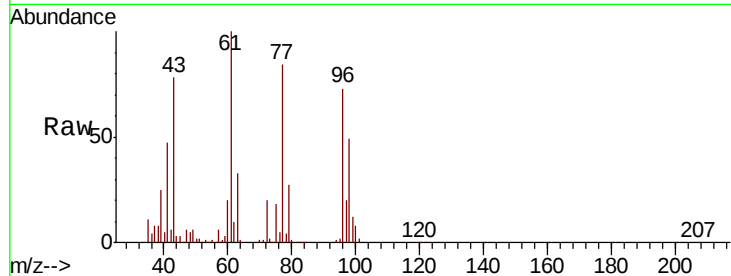




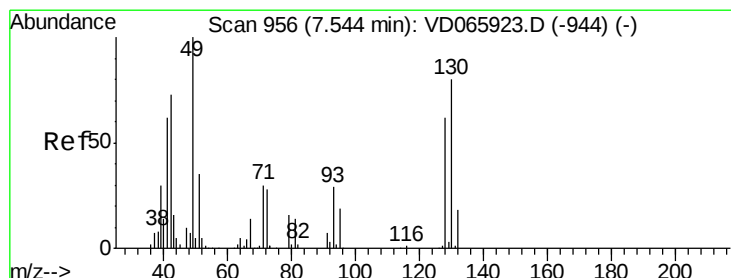
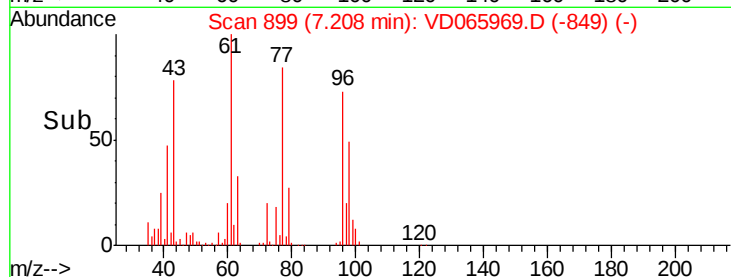
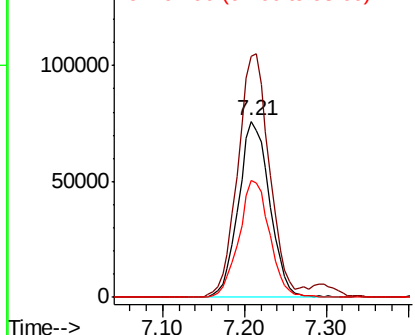
#27
 cis-1,2-Dichloroethene
 Concen: 53.920 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 202240
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 286.6
 98 65.1 0.0 128.2

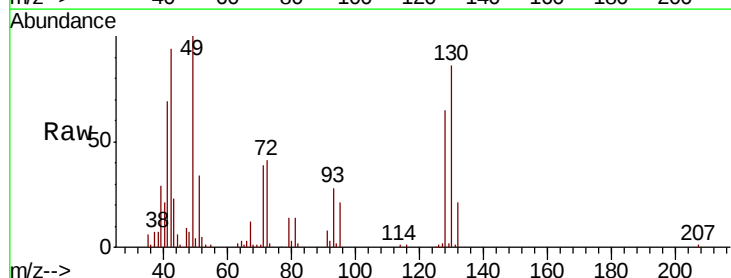


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

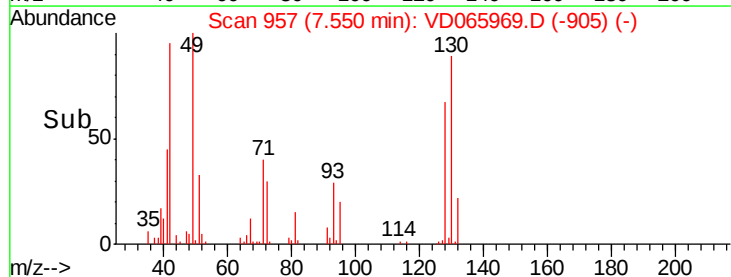
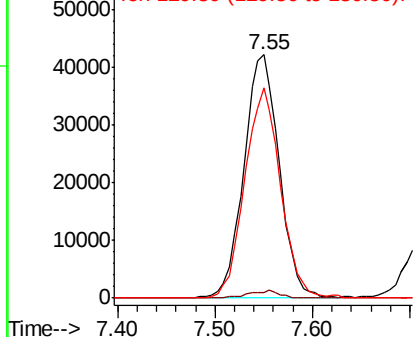


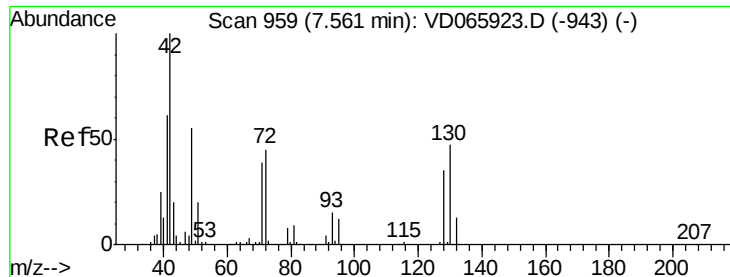
#28
 Bromochloromethane
 Concen: 47.812 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 49 Resp: 106420
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 87.1 65.8 98.8



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

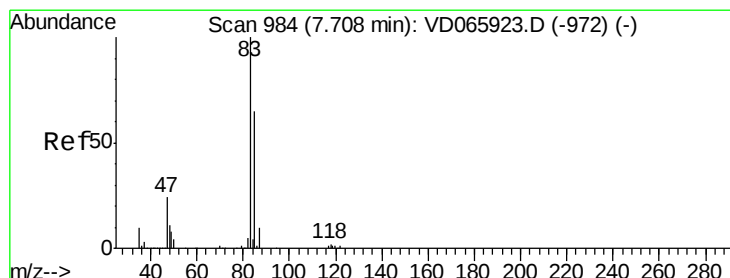
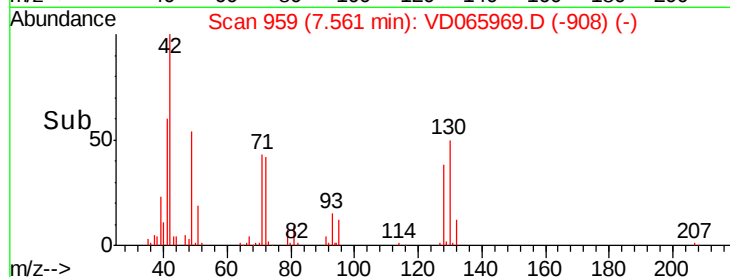
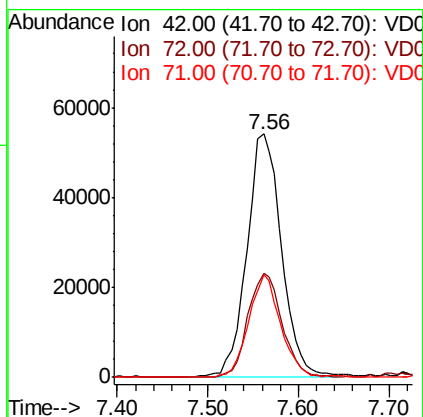
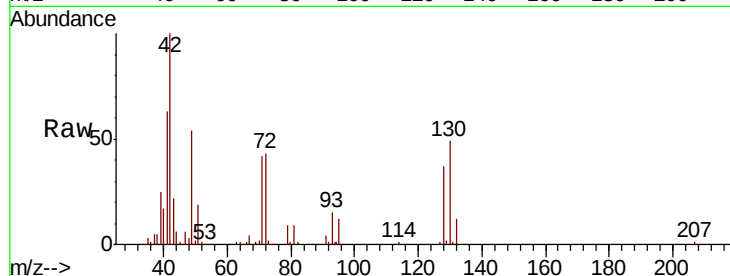




#29
Tetrahydrofuran
Concen: 257.326 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

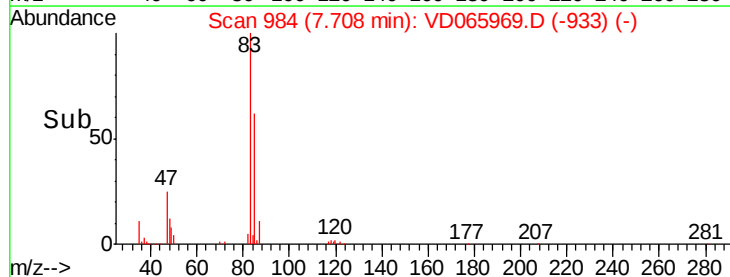
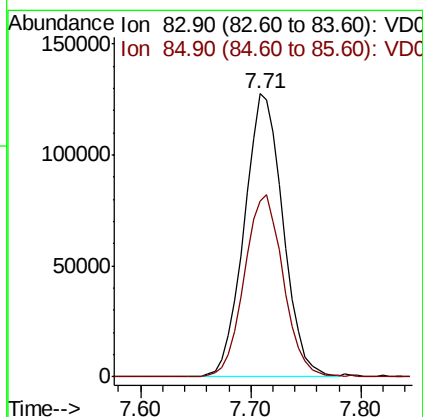
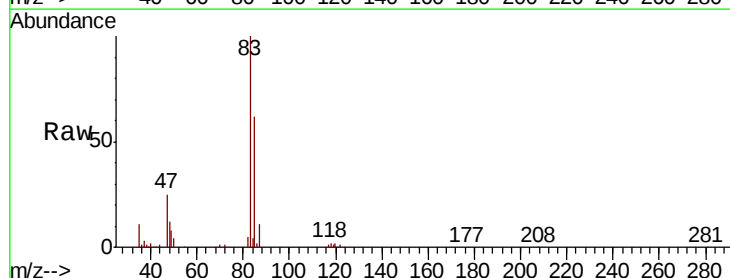
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

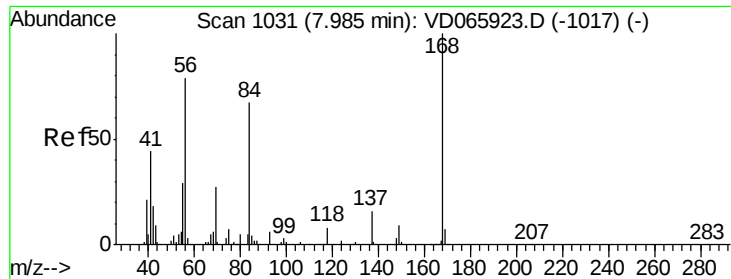
Tot Ion: 42 Resp: 143771
Ion Ratio Lower Upper
42 100
72 42.1 32.8 49.2
71 38.9 31.0 46.4



#30
Chloroform
Concen: 52.786 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 83 Resp: 315300
Ion Ratio Lower Upper
83 100
85 62.3 51.6 77.4

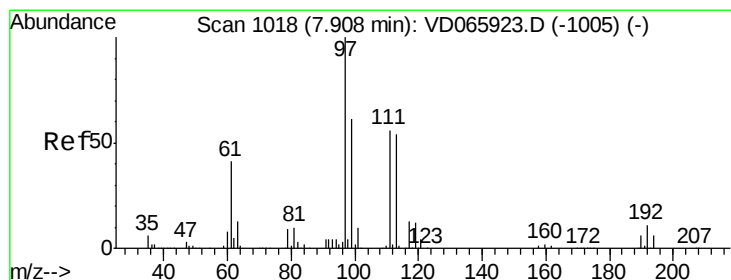
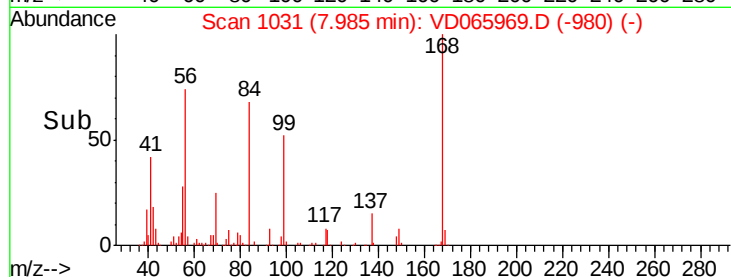
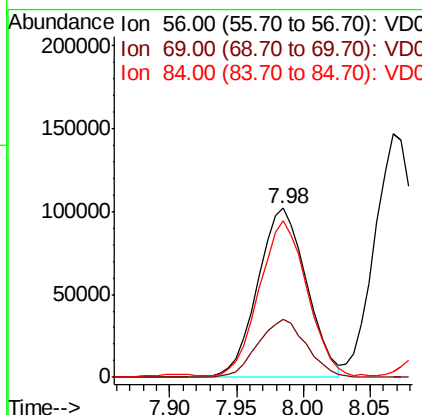
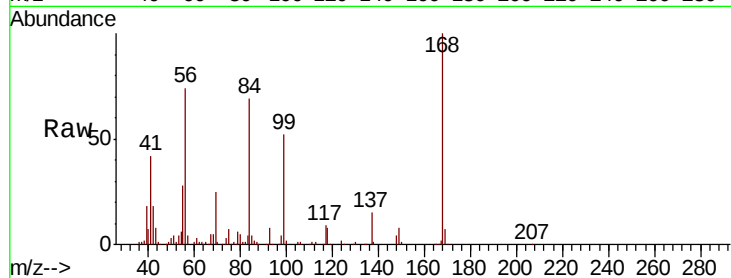




#31
Cyclohexane
Concen: 44.712 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

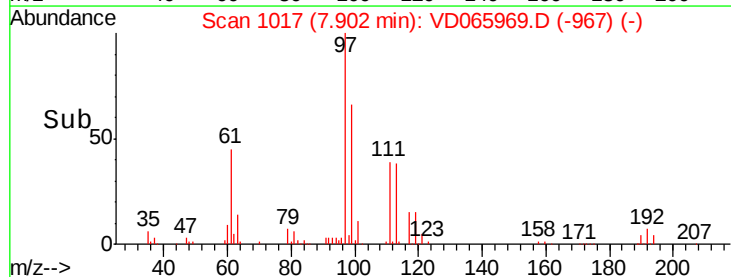
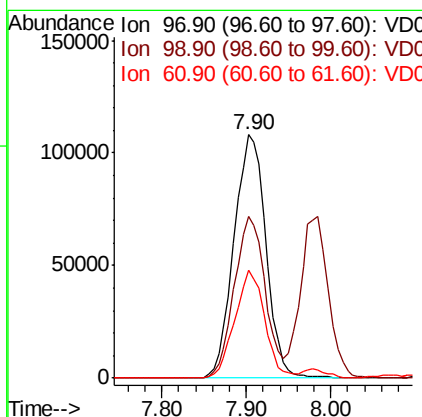
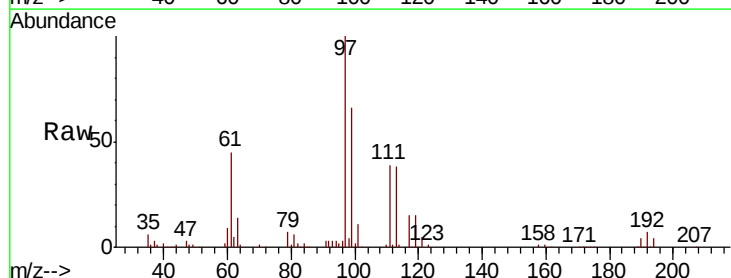
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

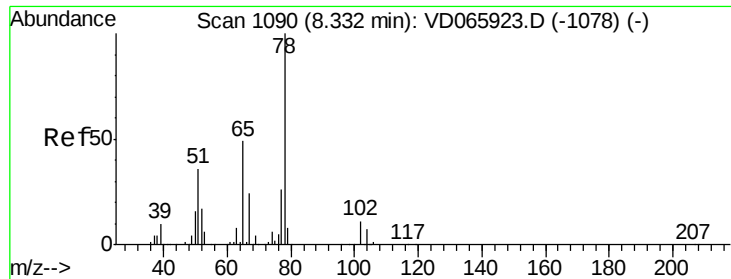
Tot Ion: 56 Resp: 259203
Ion Ratio Lower Upper
56 100
69 34.3 27.4 41.0
84 91.2 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 51.913 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 97 Resp: 282982
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.4 33.6 50.4

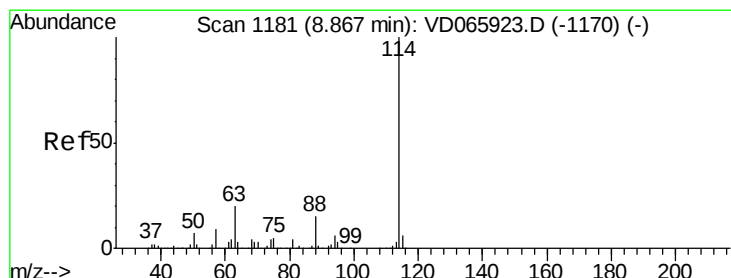
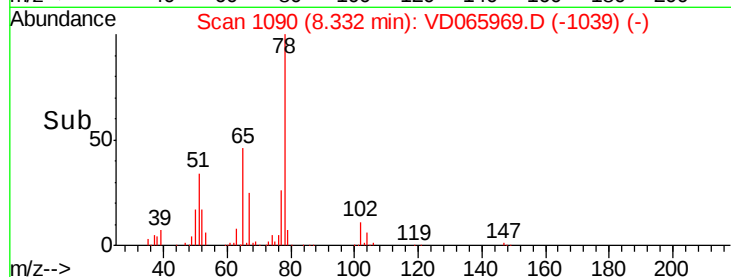
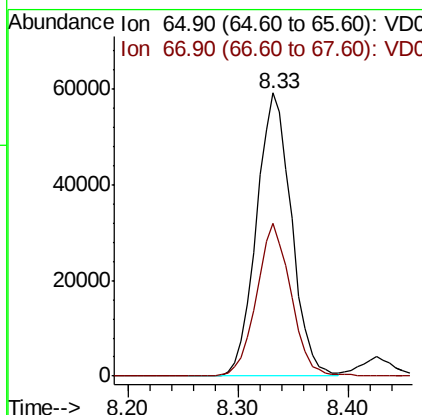
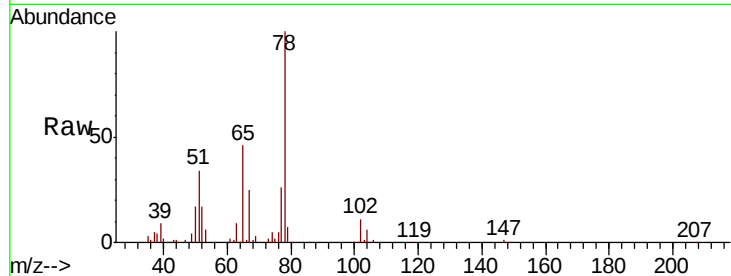




#33
 1,2-Dichloroethane-d4
 Concen: 46.359 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

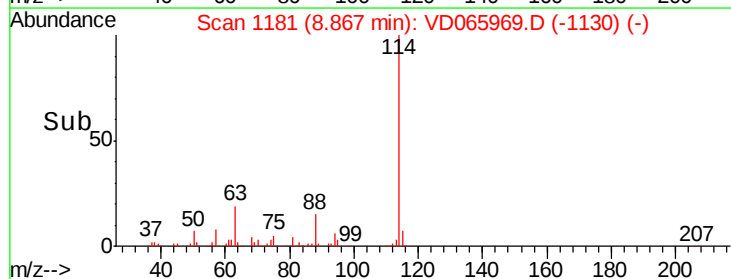
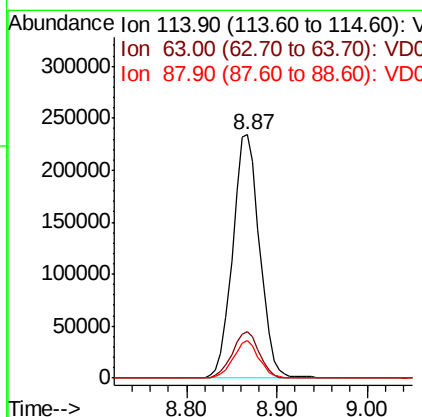
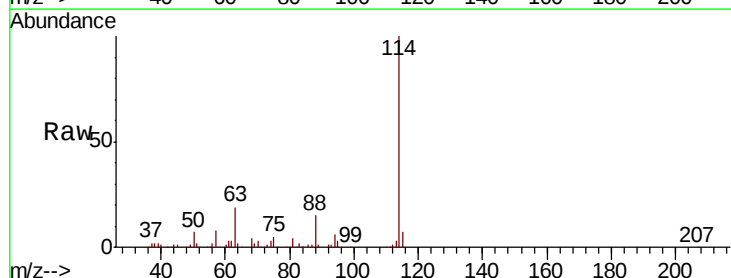
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

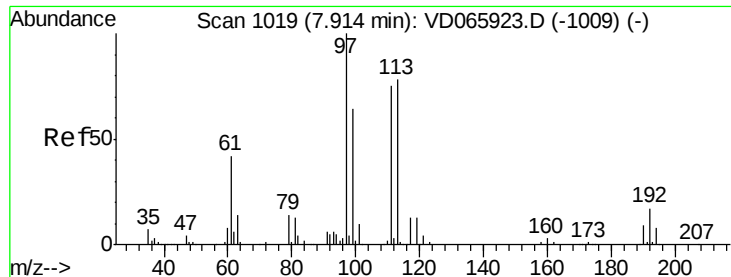
Tot Ion: 65 Resp: 131532
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 114 Resp: 485375
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.4 0.0 30.0

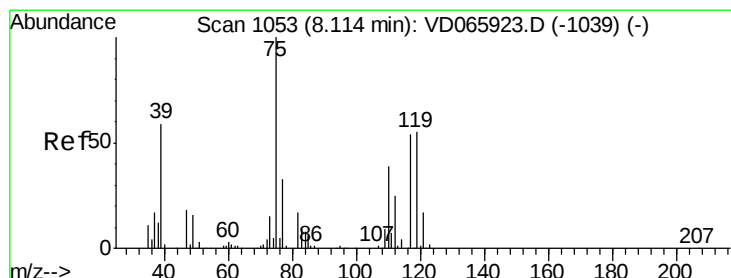
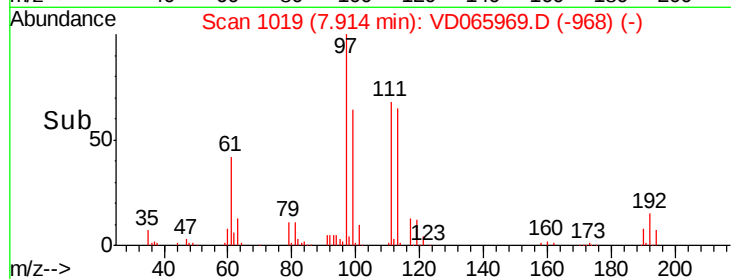
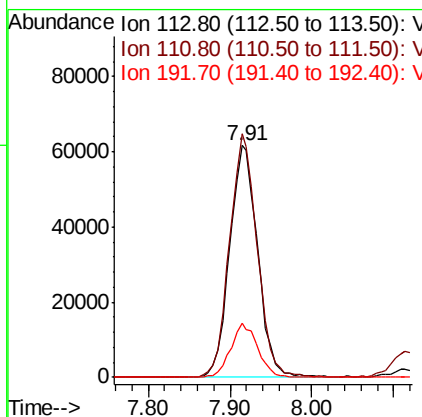
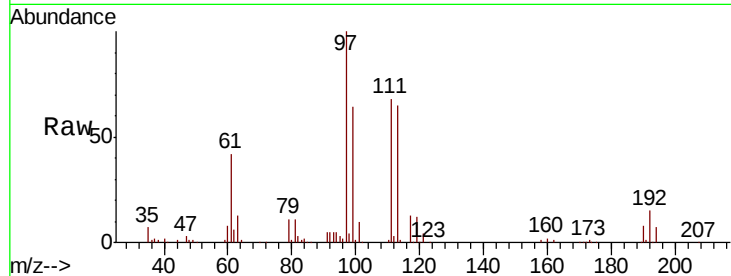




#35
 Dibromofluoromethane
 Concen: 48.974 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

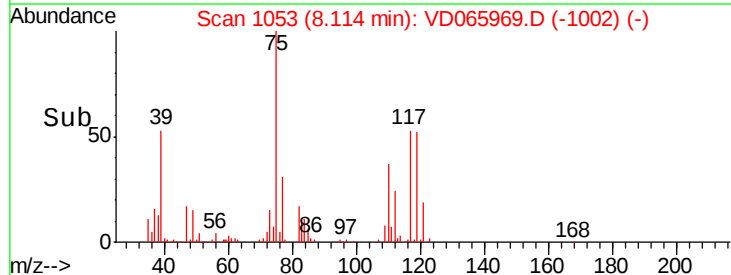
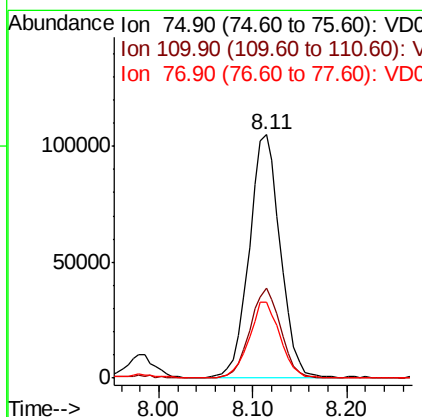
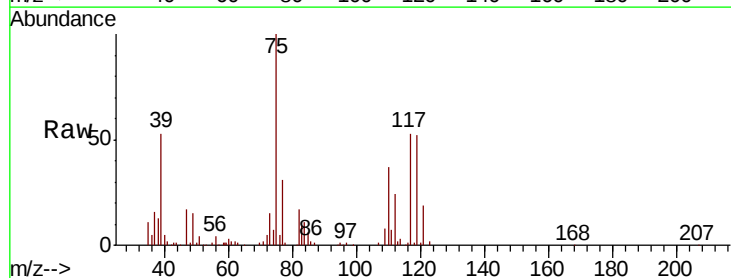
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

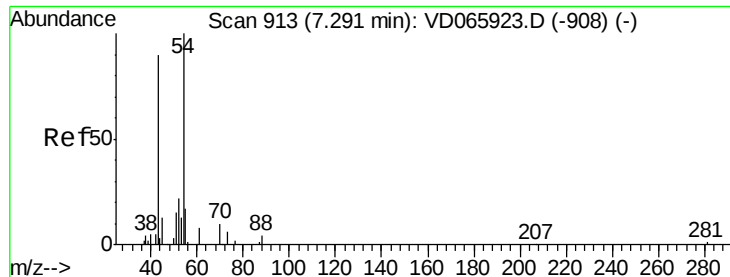
Tot Ion:113 Resp: 146640
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.9 121.3
 192 22.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 50.292 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 75 Resp: 241087
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.5 55.5
 77 31.2 25.6 38.4

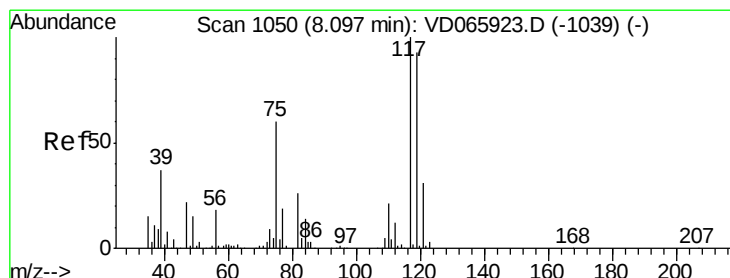
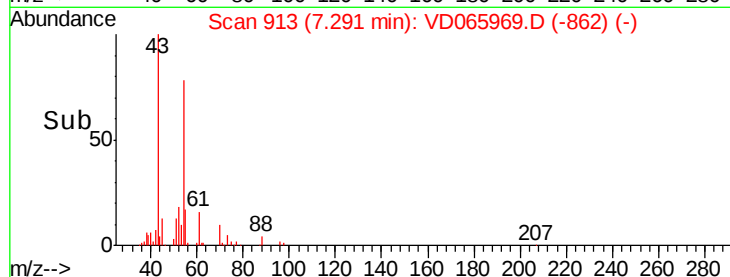
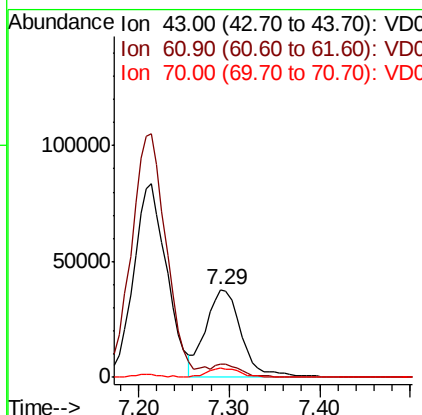
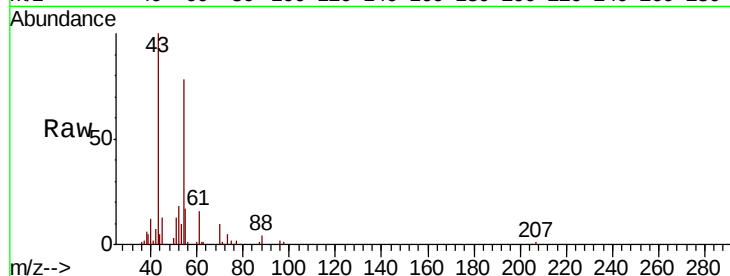




#37
Ethyl Acetate
Concen: 51.230 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

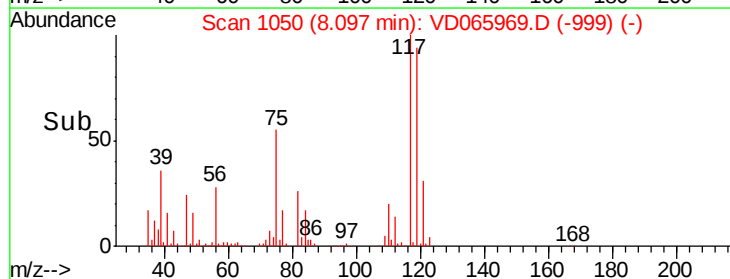
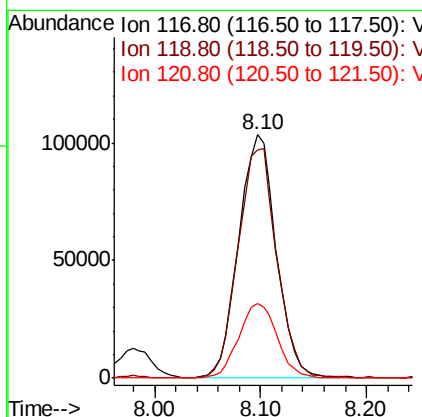
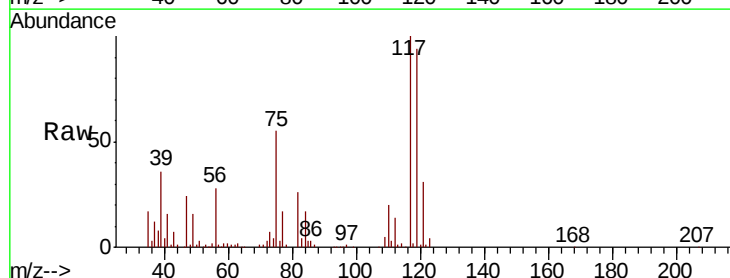
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

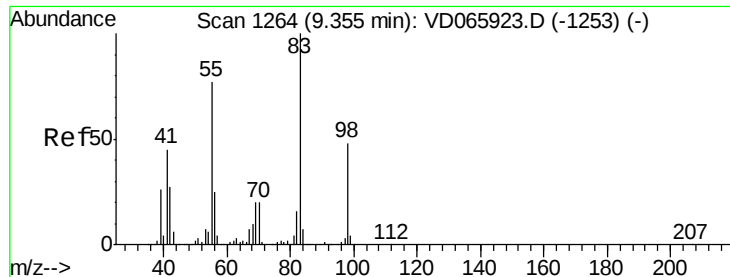
Tot Ion: 43 Resp: 102900
Ion Ratio Lower Upper
43 100
61 10.6 9.4 14.0
70 9.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.601 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 117 Resp: 254859
Ion Ratio Lower Upper
117 100
119 93.6 74.7 112.1
121 30.7 24.9 37.3

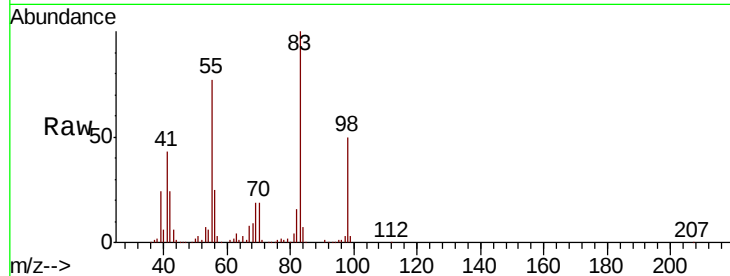




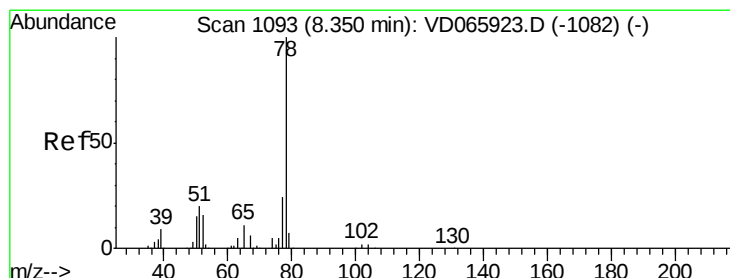
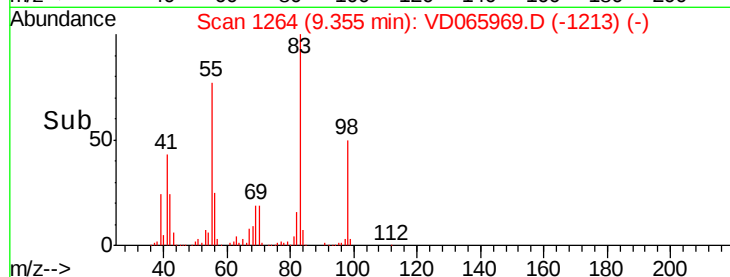
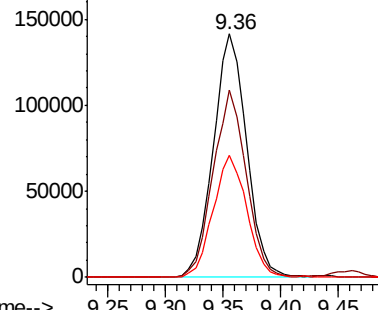
#39
Methvlcvclohexane
Concen: 48.378 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 284724
Ion Ratio Lower Upper
83 100
55 76.7 61.7 92.5
98 50.0 38.6 58.0

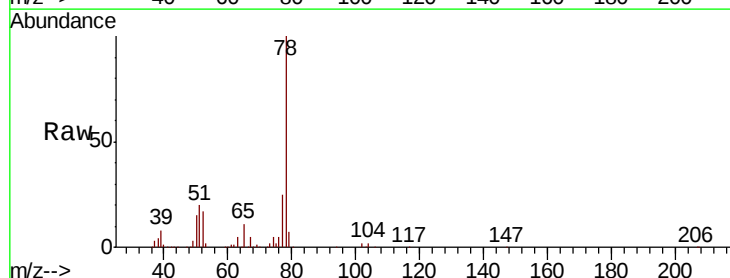


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

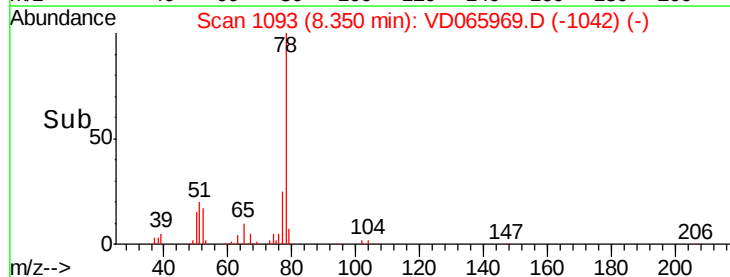
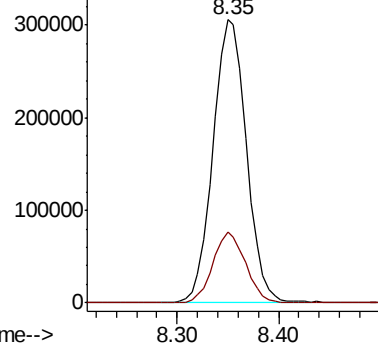


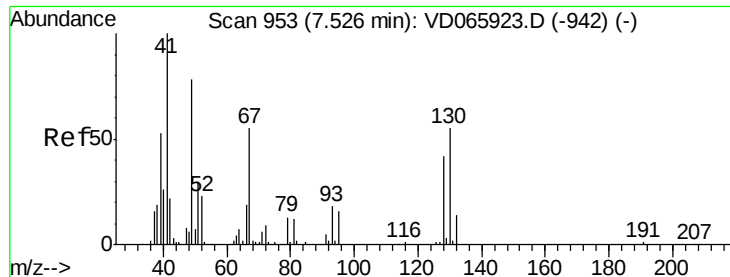
#40
Benzene
Concen: 52.918 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 78 Resp: 700811
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0



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

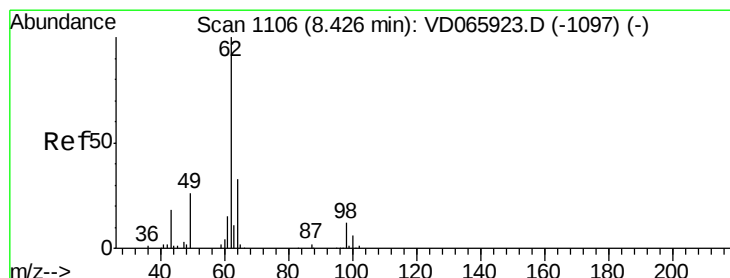
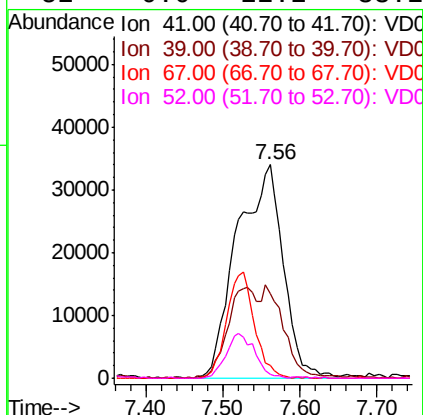
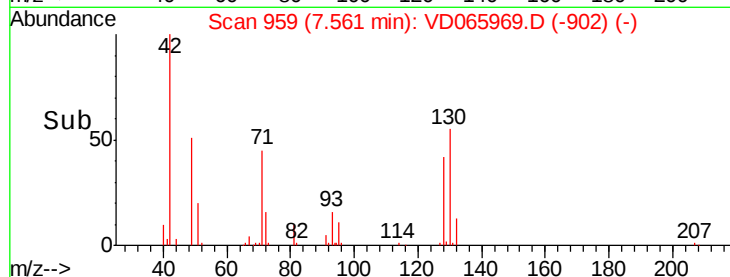
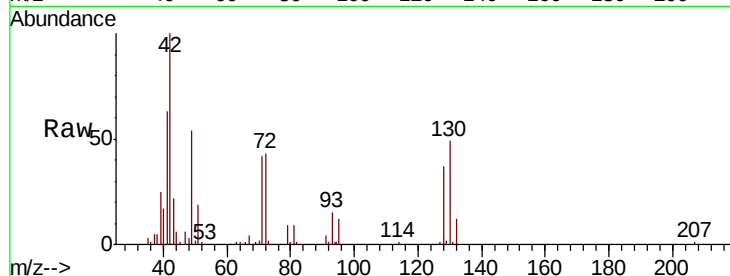




#41
Methacrylonitrile
Concen: 121.986 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

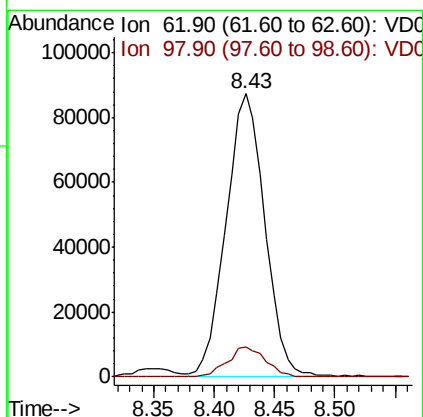
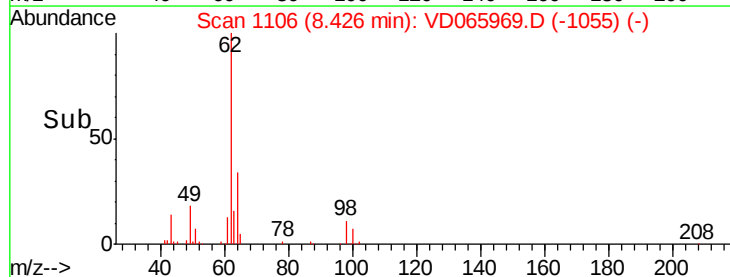
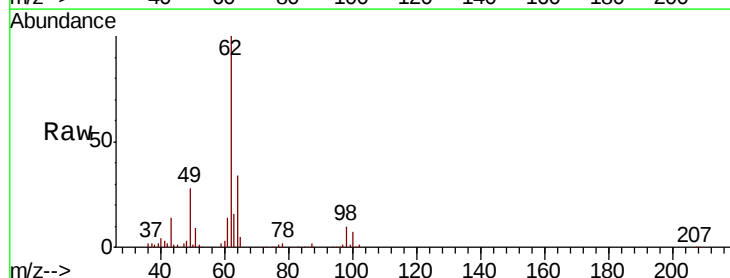
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

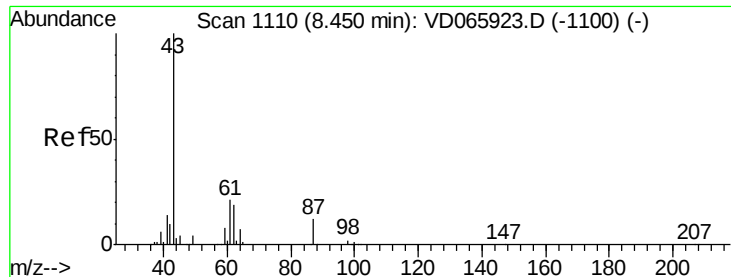
Tot Ion: 41 Resp: 142257
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 53.6 80.4#
52 0.0 22.2 33.2#



#42
1,2-Dichloroethane
Concen: 51.872 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 62 Resp: 194613
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.0





#43

Isopropyl Acetate

Concen: 51.985 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

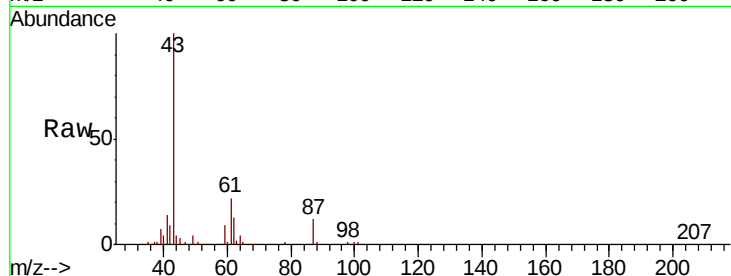
Tot Ion: 43 Resp: 194359

Ion Ratio Lower Upper

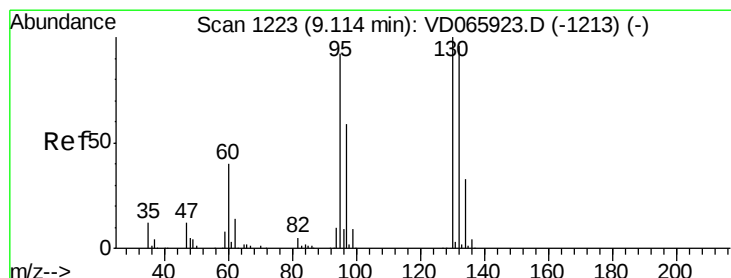
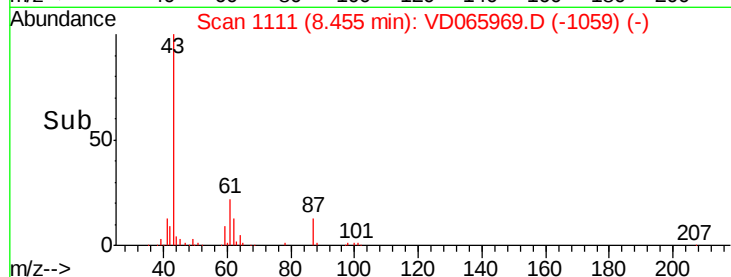
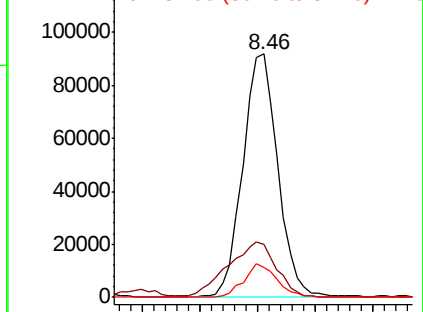
43 100

61 31.5 23.2 34.8

87 13.2 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: 52.741 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065969.D

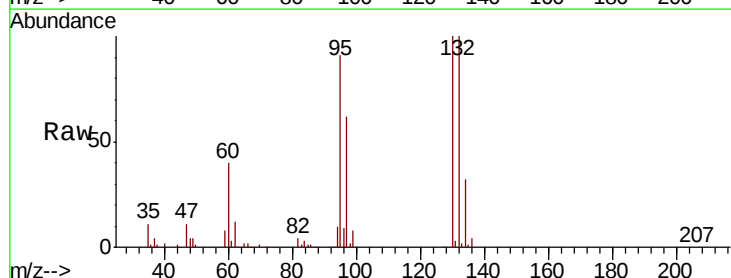
Acq: 16 Jul 2020 20:46

Tgt Ion: 130 Resp: 205224

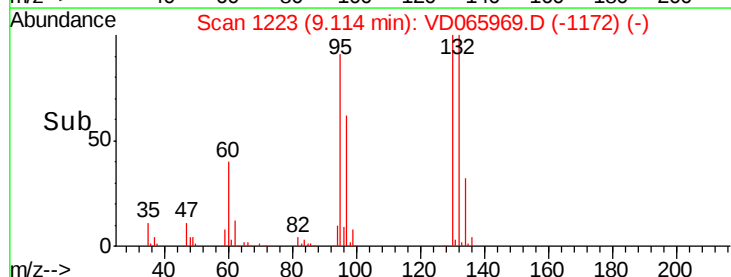
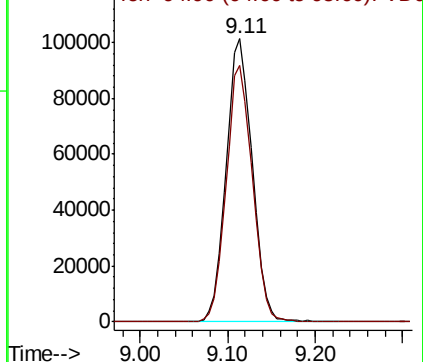
Ion Ratio Lower Upper

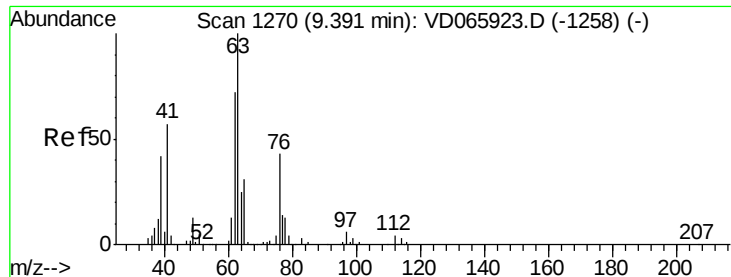
130 100

95 90.8 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VDC

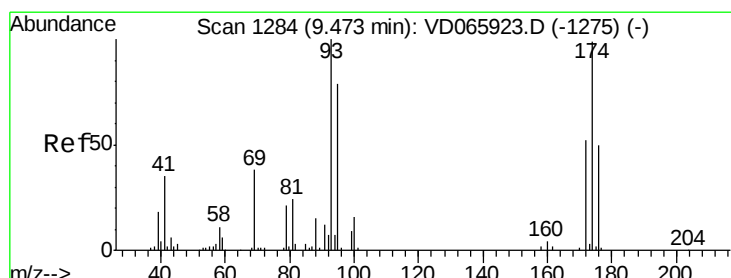
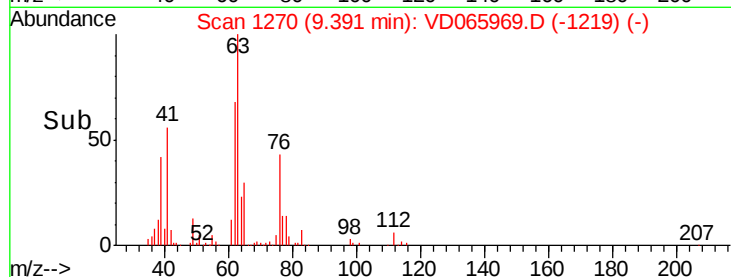
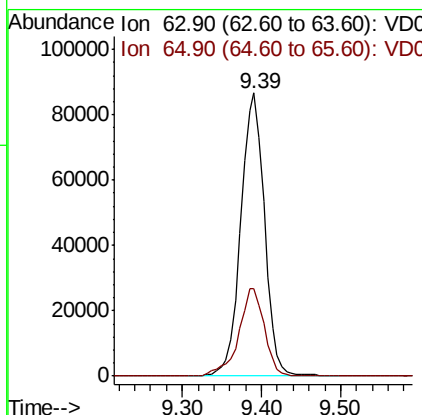
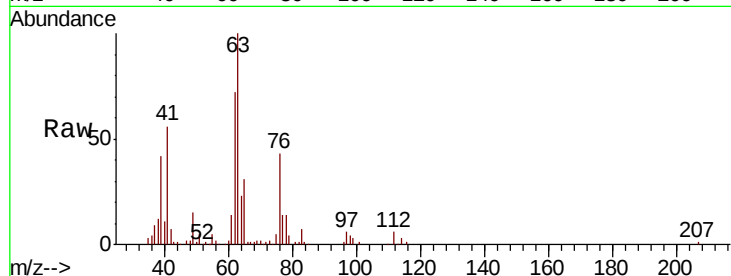




#45
 1,2-Dichloropropane
 Concen: 54.692 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

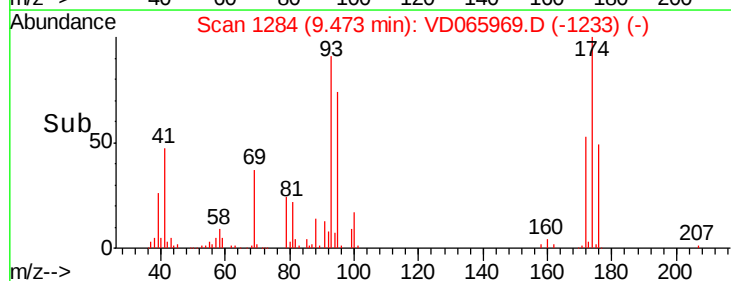
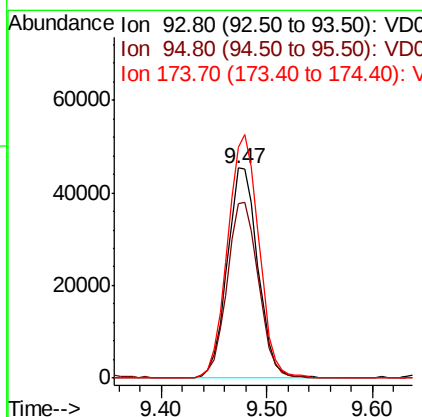
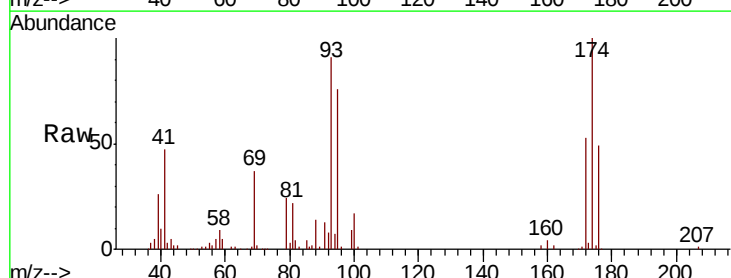
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

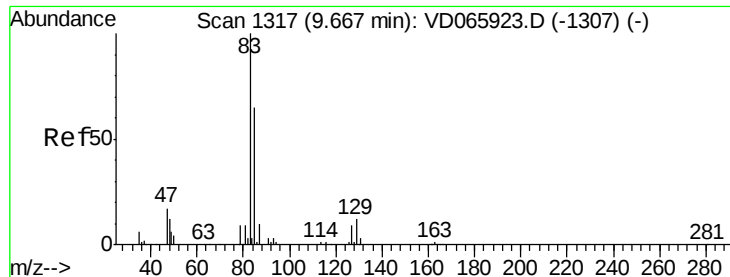
Tot Ion: 63 Resp: 179774
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 52.959 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 93 Resp: 90628
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.2 102.2
 174 118.4 88.0 132.0





#47

Bromodichloromethane

Concen: 53.735 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

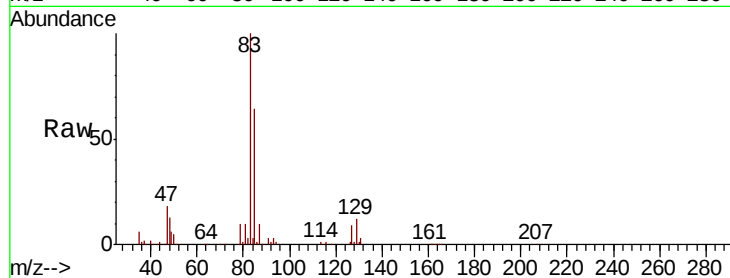
Tot Ion: 83 Resp: 246668

Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

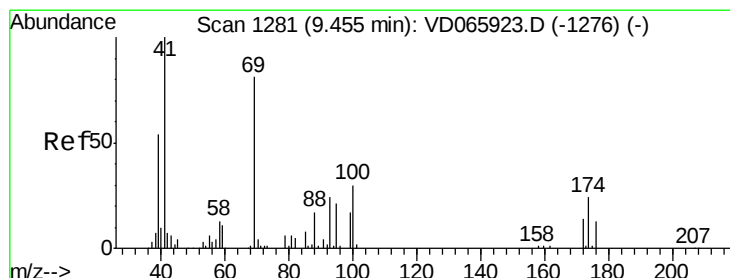
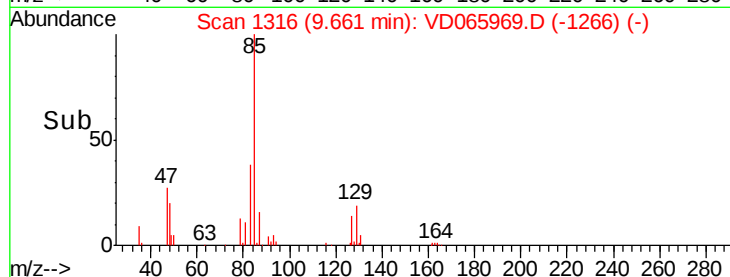
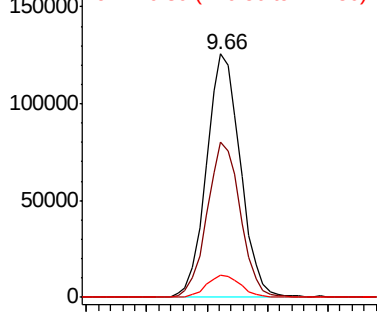
127 9.1 7.2 10.8



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: 53.951 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

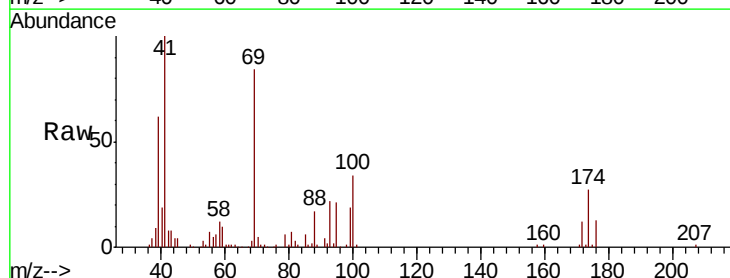
Tgt Ion: 41 Resp: 101543

Ion Ratio Lower Upper

41 100

69 80.6 62.2 93.4

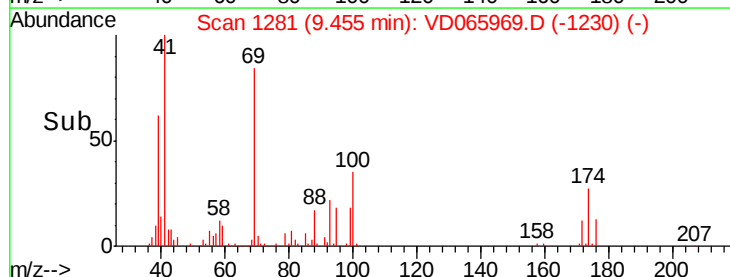
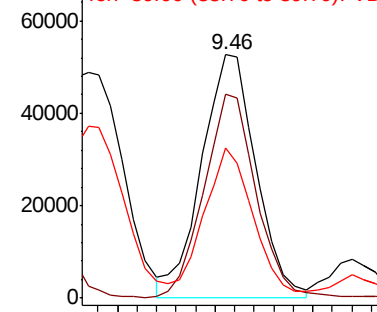
39 51.0 39.9 59.9

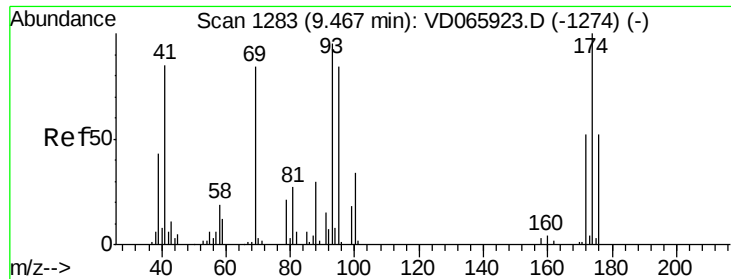


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1032.781 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

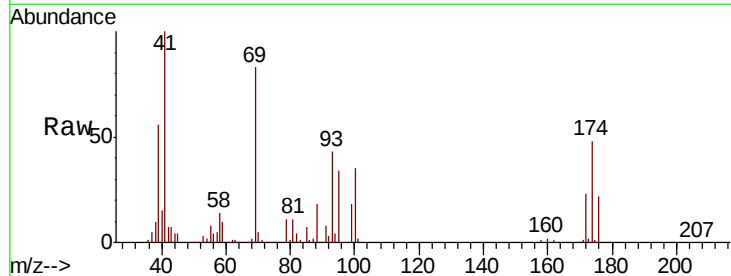
Tot Ion: 88 Resp: 21000

Ion Ratio Lower Upper

88 100

43 36.5 28.2 42.4

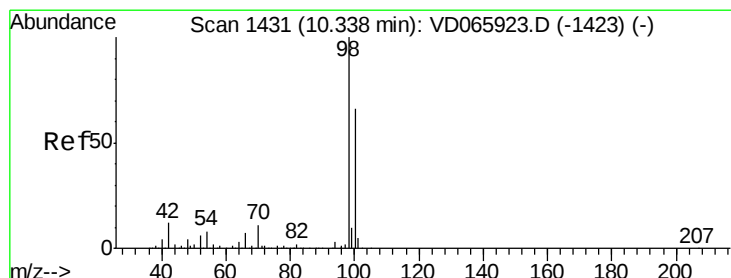
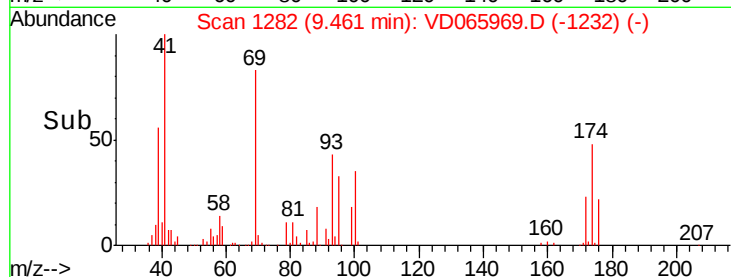
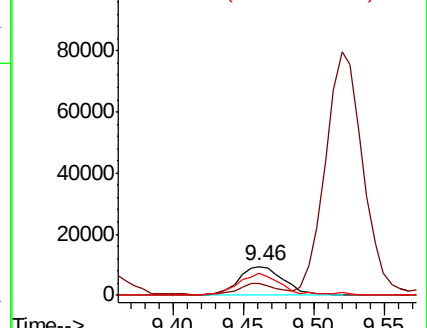
58 77.6 58.6 87.8



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: 48.479 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065969.D

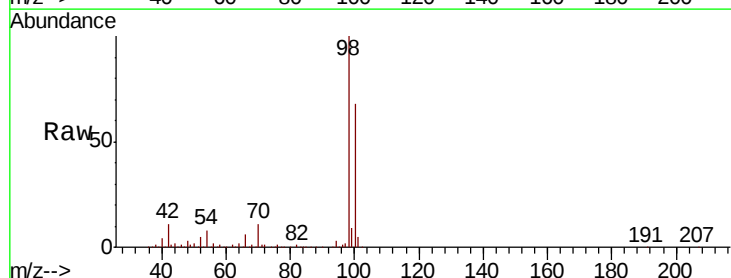
Acq: 16 Jul 2020 20:46

Tgt Ion: 98 Resp: 529628

Ion Ratio Lower Upper

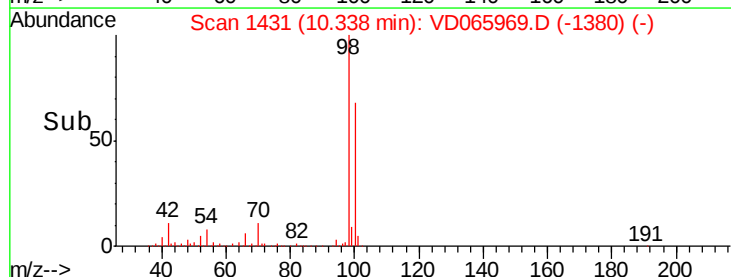
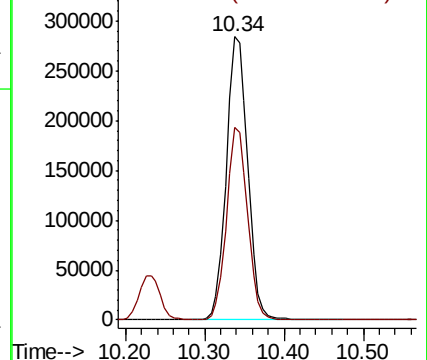
98 100

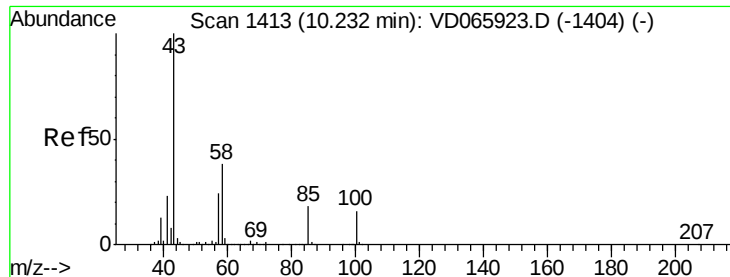
100 66.6 53.1 79.7



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: 268.017 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

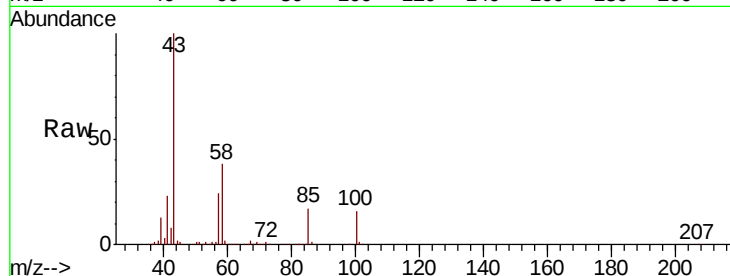
VSTDCCC050EC

Tot Ion: 43 Resp: 506598

Ion Ratio Lower Upper

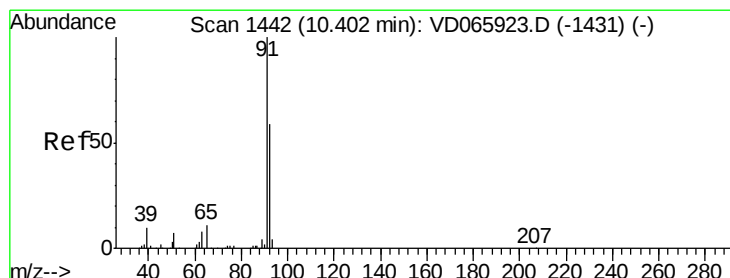
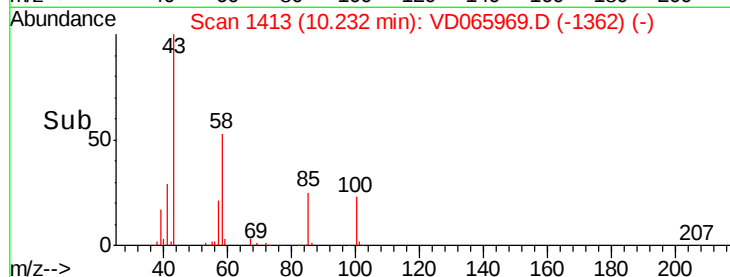
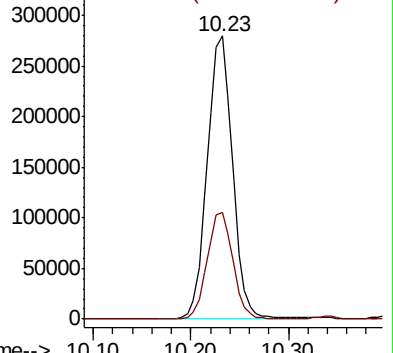
43 100

58 38.3 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.237 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065969.D

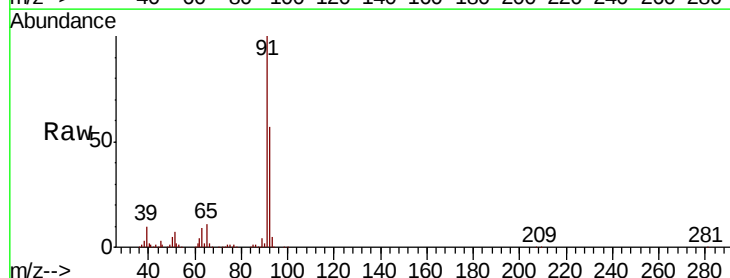
Acq: 16 Jul 2020 20:46

Tgt Ion: 92 Resp: 456967

Ion Ratio Lower Upper

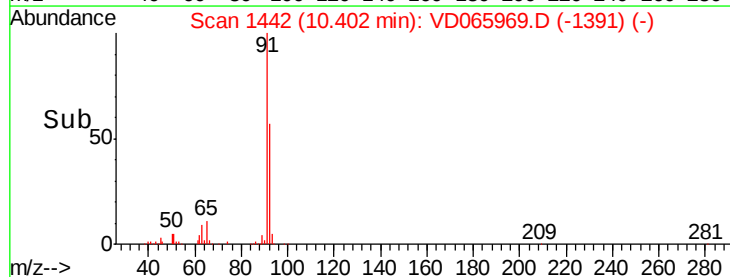
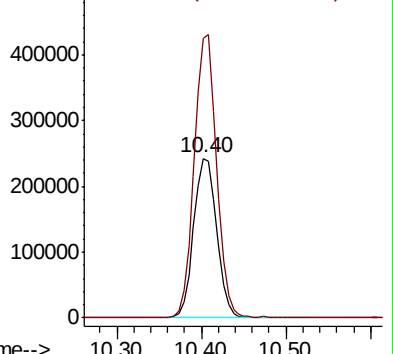
92 100

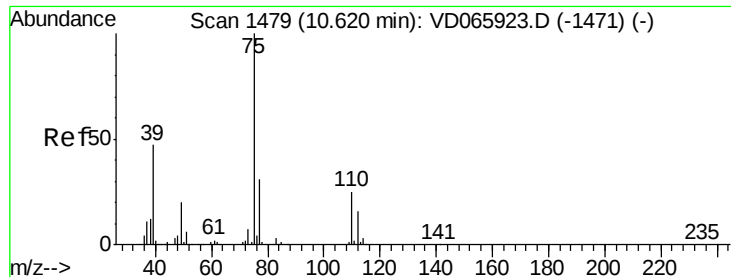
91 172.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 54.033 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

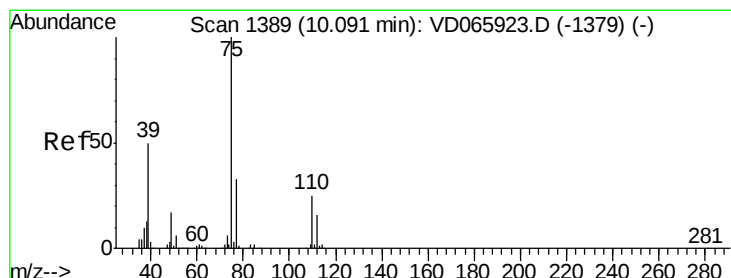
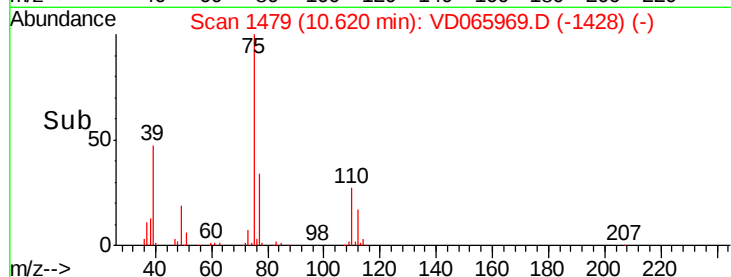
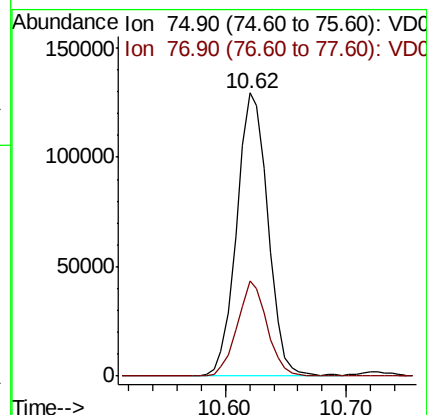
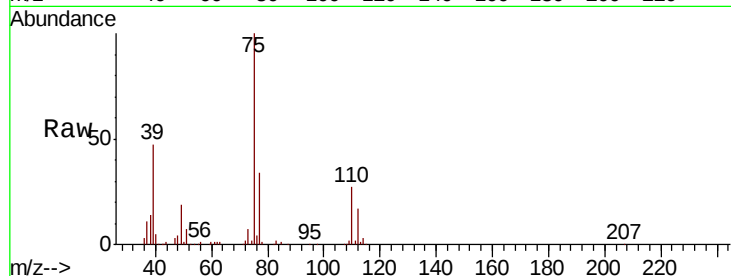
VSTDCCC050EC

Tot Ion: 75 Resp: 233221

Ion Ratio Lower Upper

75 100

77 33.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.808 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

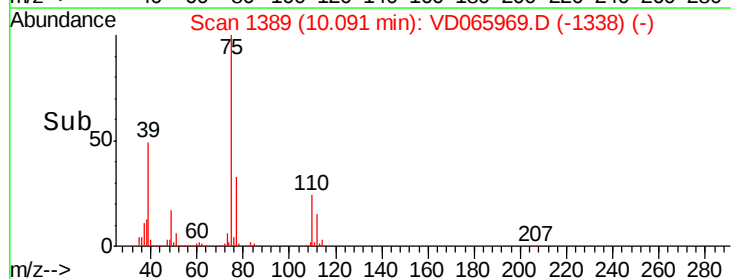
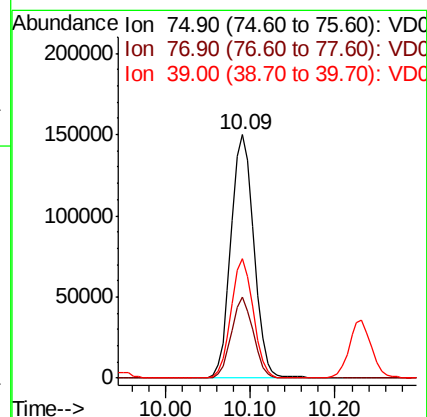
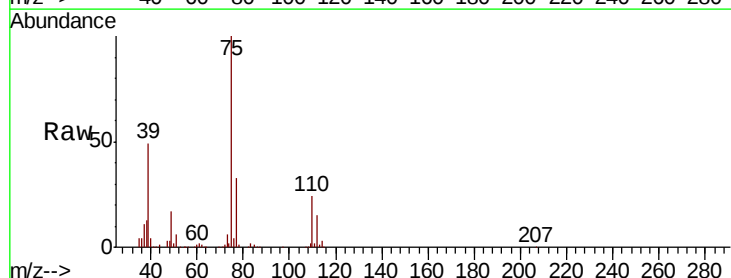
Tgt Ion: 75 Resp: 280636

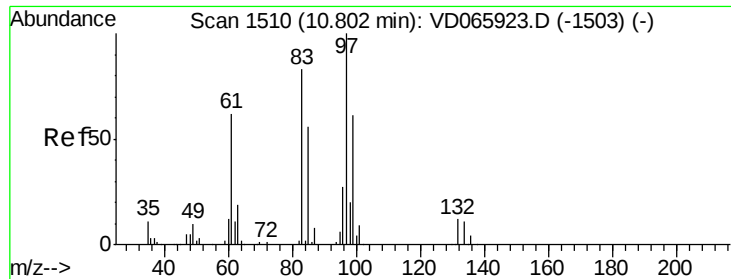
Ion Ratio Lower Upper

75 100

77 33.4 26.6 39.8

39 49.1 39.6 59.4





#55

1,1,2-Trichloroethane

Concen: 55.844 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 131669

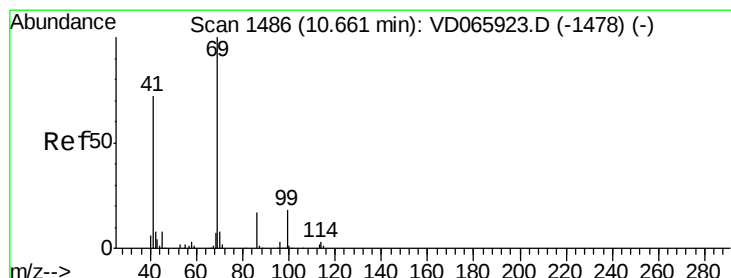
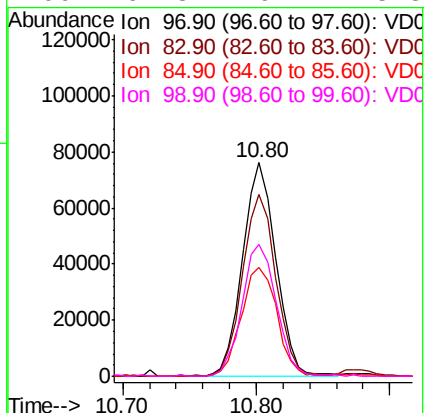
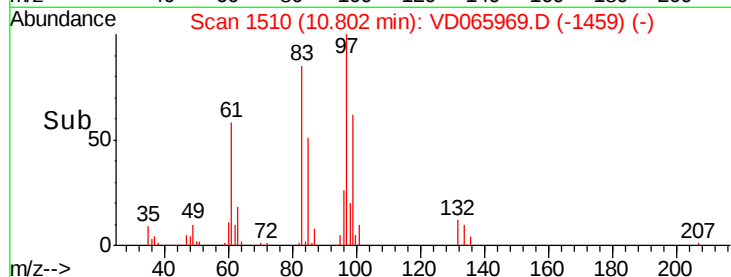
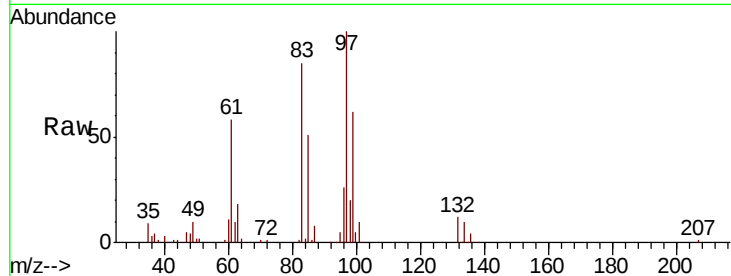
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.9	100.3
85	50.7	44.5	66.7
99	61.8	49.2	73.8

97 100

83 85.3 66.9 100.3

85 50.7 44.5 66.7

99 61.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.583 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

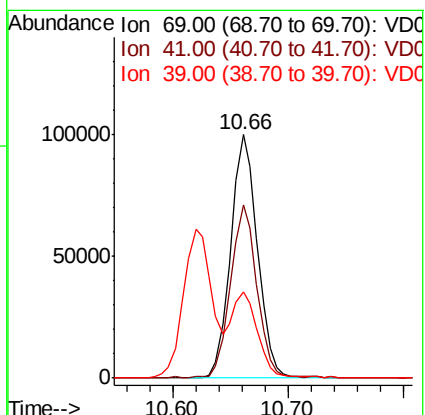
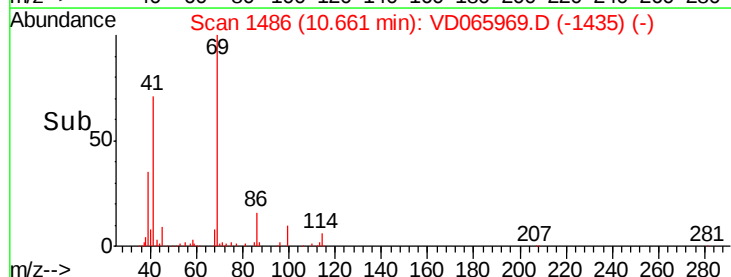
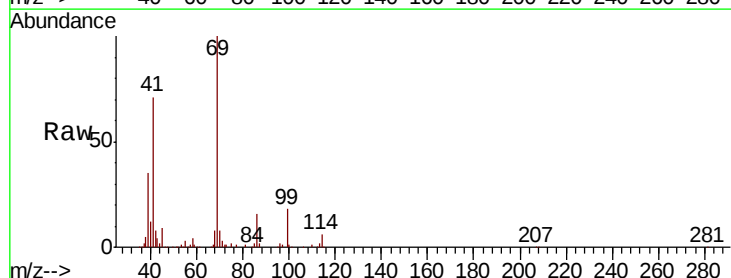
Tgt Ion: 69 Resp: 160068

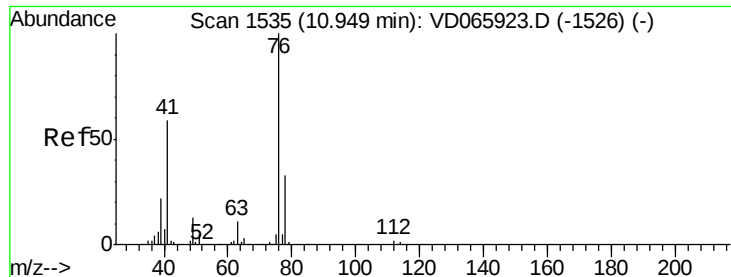
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.5	84.7
39	35.7	29.2	43.8

69 100

41 69.6 56.5 84.7

39 35.7 29.2 43.8

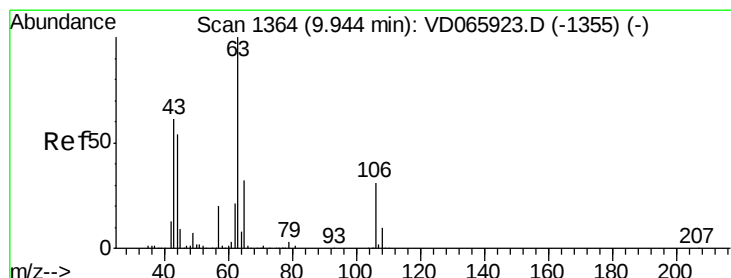
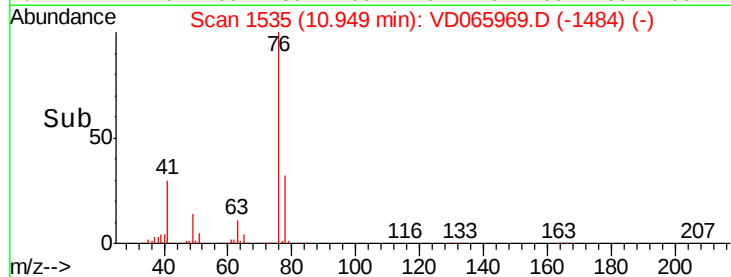
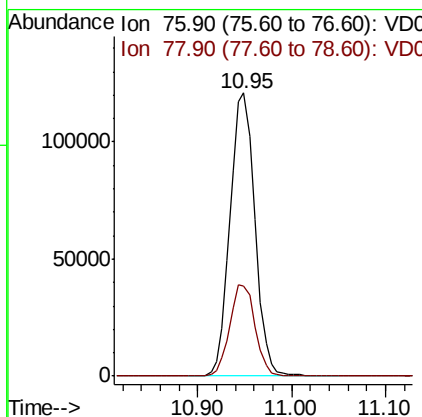
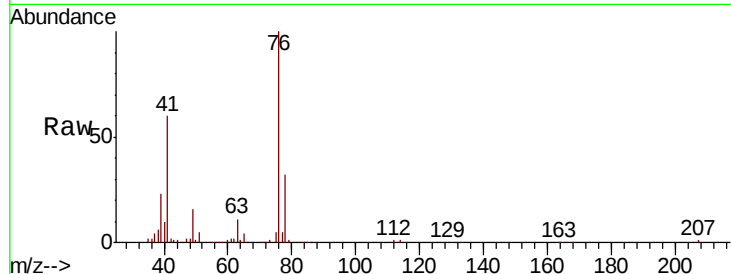




#57
 1,3-Dichloropropane
 Concen: 54.020 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

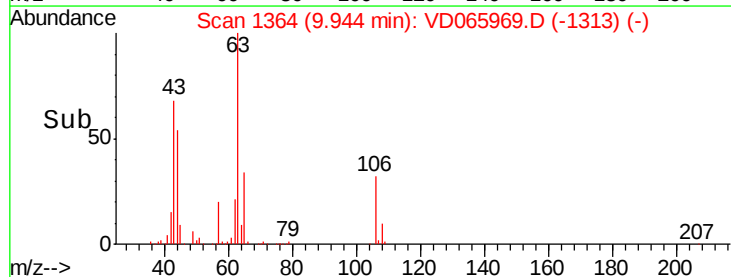
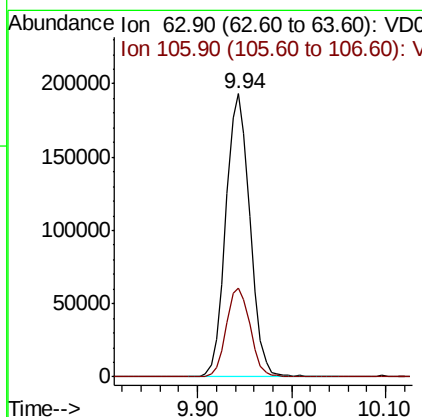
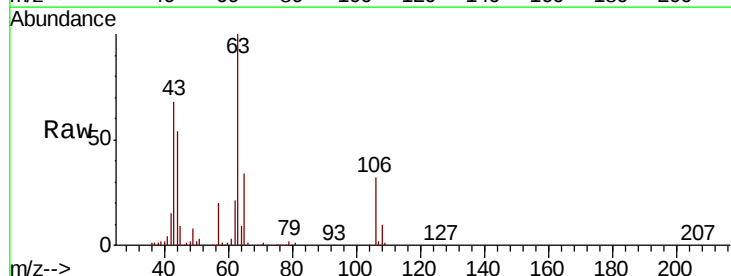
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

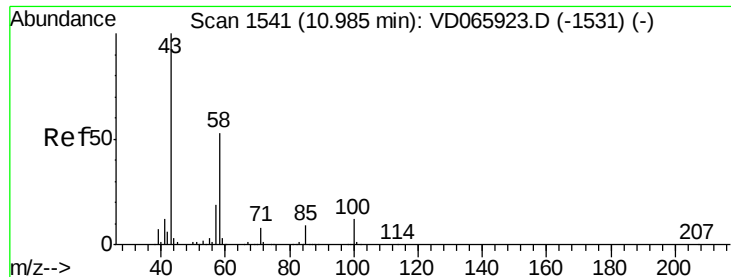
Tot Ion: 76 Resp: 222744
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.882 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 63 Resp: 344323
 Ion Ratio Lower Upper
 63 100
 106 31.3 23.8 35.6

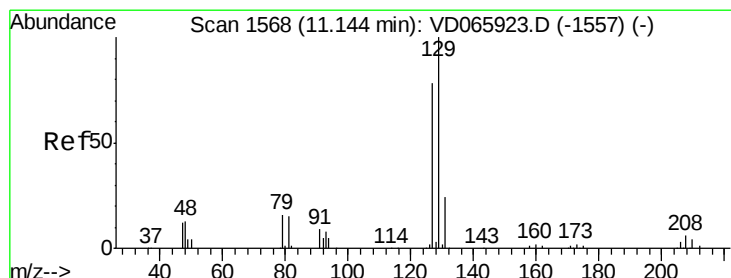
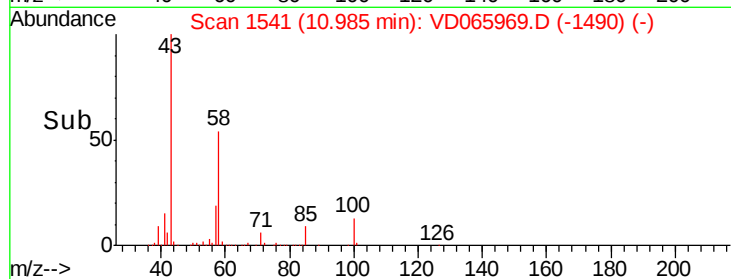
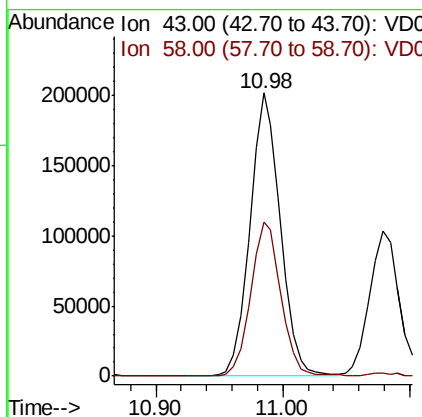
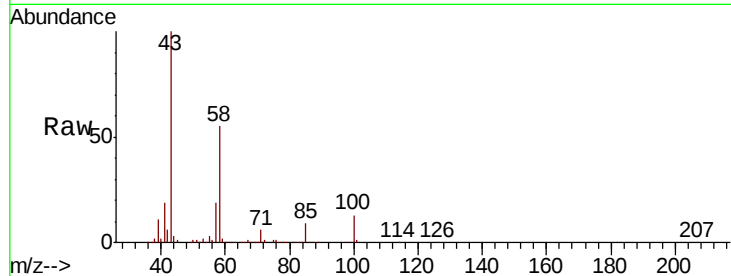




#59
2-Hexanone
Concen: 258.268 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

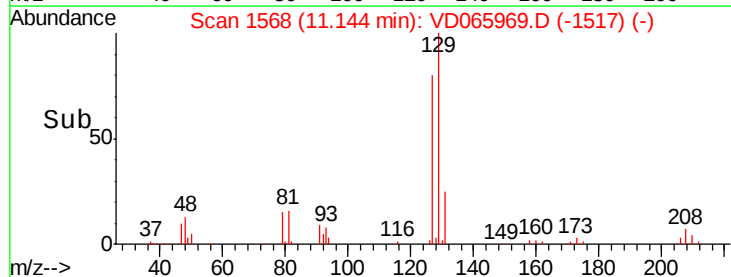
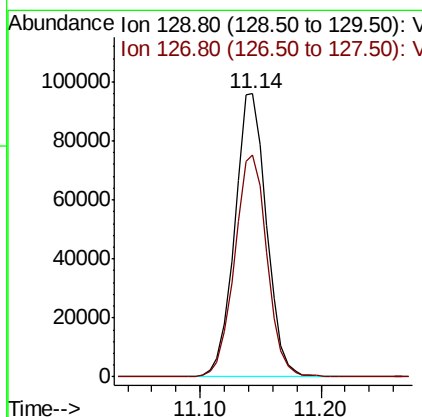
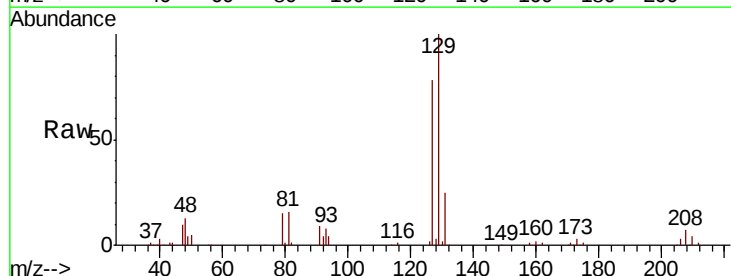
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

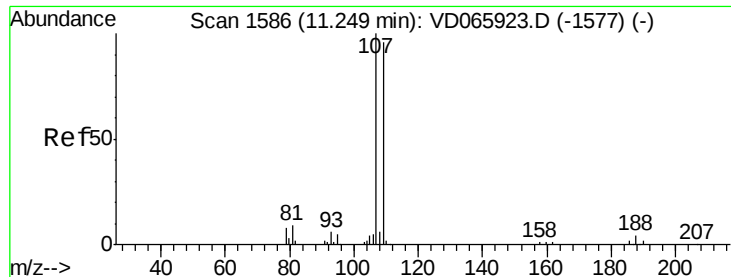
Tot Ion: 43 Resp: 335734
Ion Ratio Lower Upper
43 100
58 54.3 26.6 79.8



#60
Dibromochloromethane
Concen: 54.744 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 129 Resp: 176350
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 54.567 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

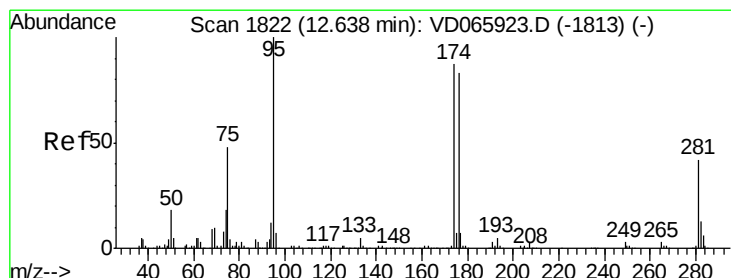
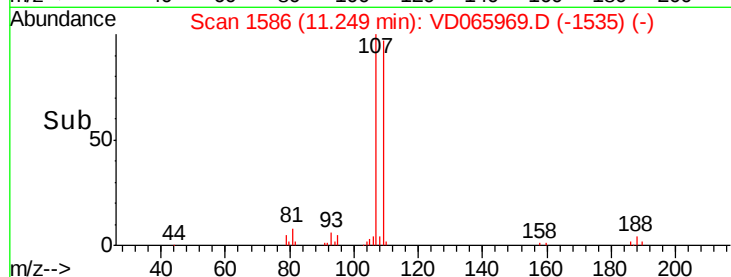
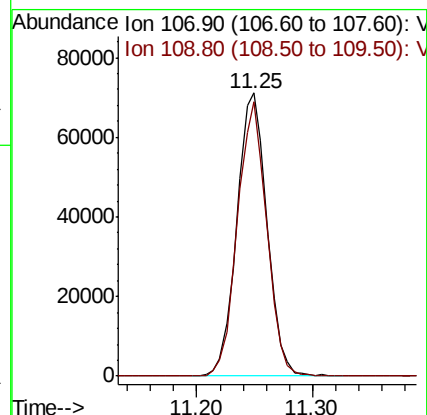
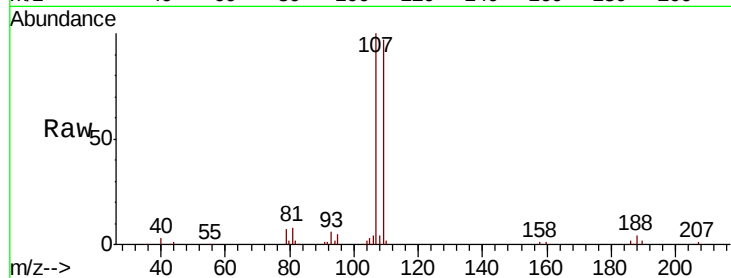
VSTDCCC050EC

Tot Ion:107 Resp: 128276

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 51.144 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

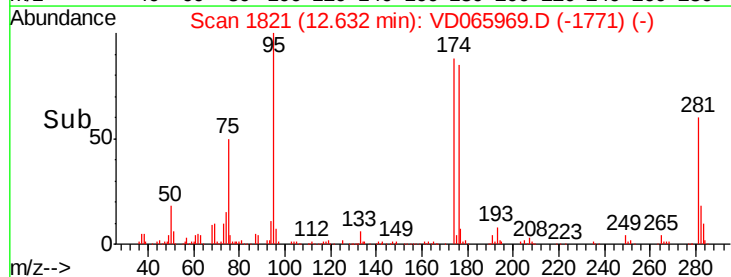
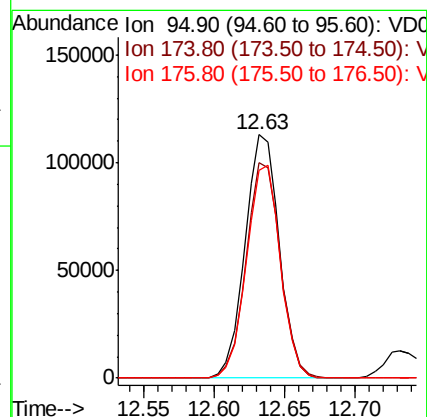
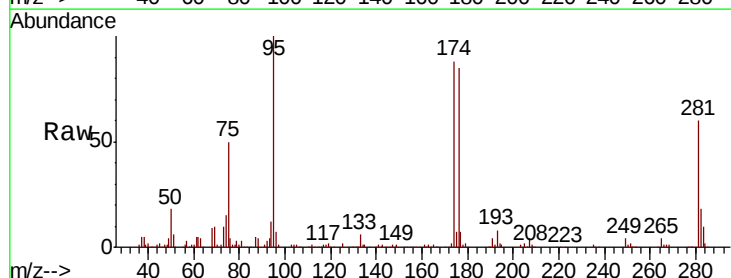
Tgt Ion: 95 Resp: 191872

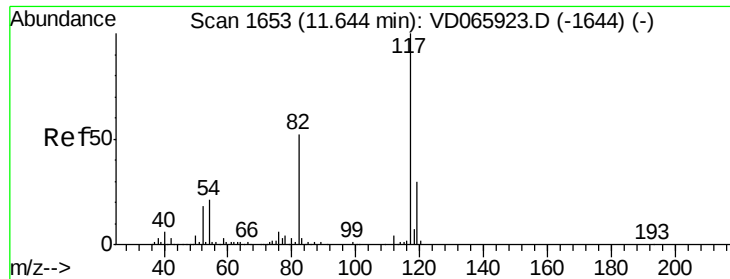
Ion Ratio Lower Upper

95 100

174 89.0 0.0 169.4

176 86.5 0.0 164.0

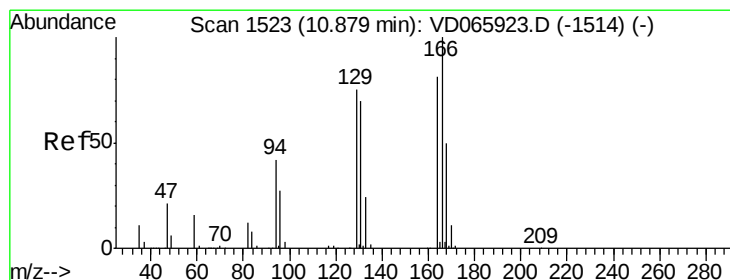
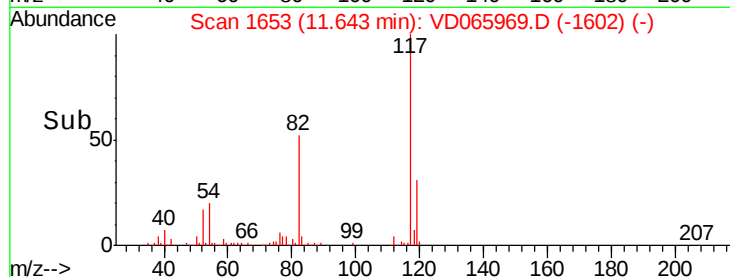
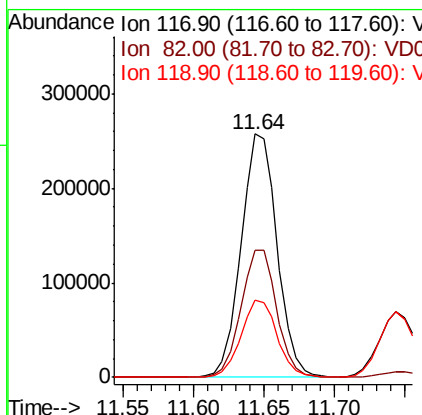
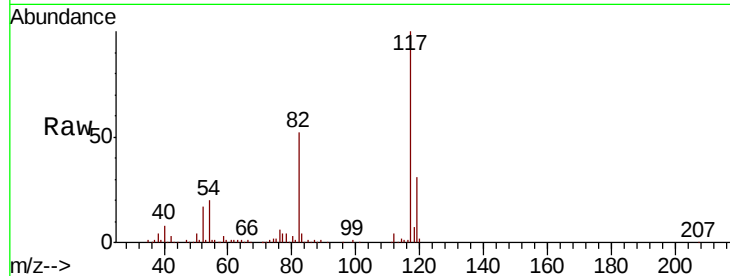




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

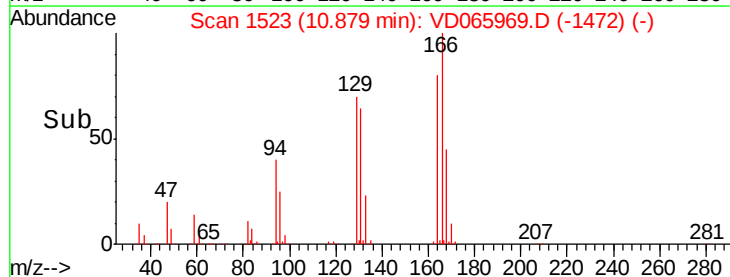
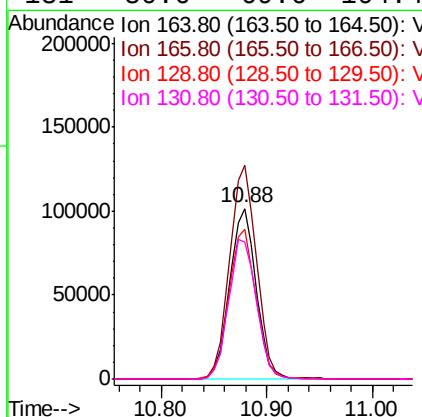
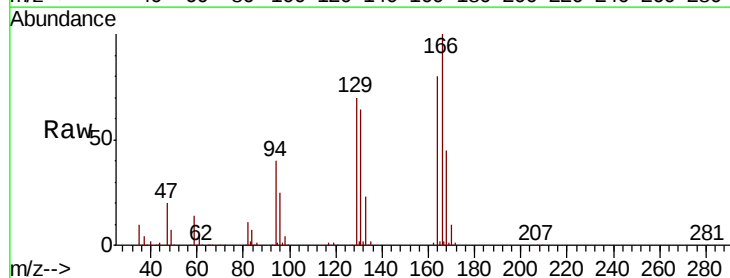
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

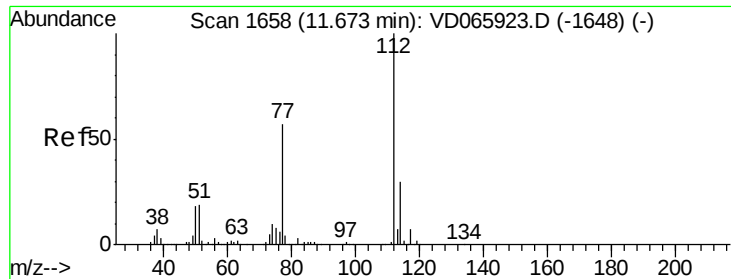
Tot Ion:117 Resp: 458589
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.5 24.3 36.5



#64
Tetrachloroethene
Concen: 52.532 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:164 Resp: 175195
Ion Ratio Lower Upper
164 100
166 125.4 99.0 148.4
129 88.2 73.9 110.9
131 80.6 69.6 104.4

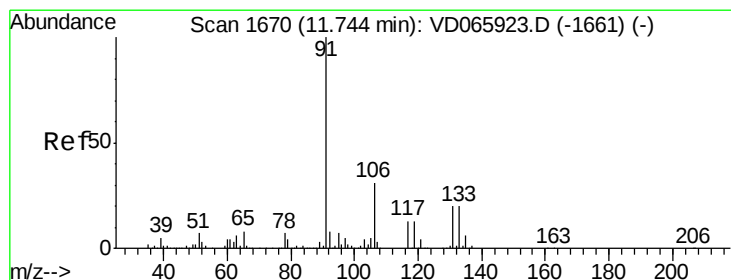
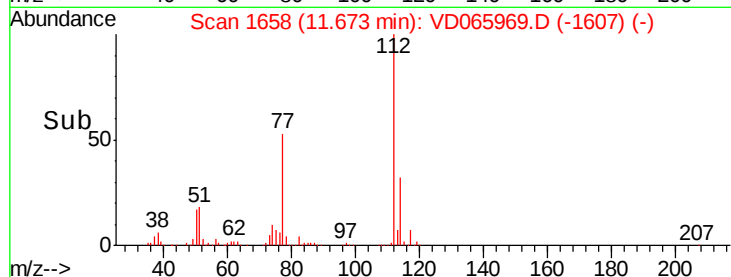
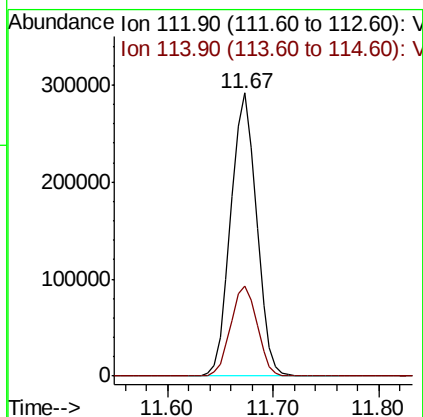
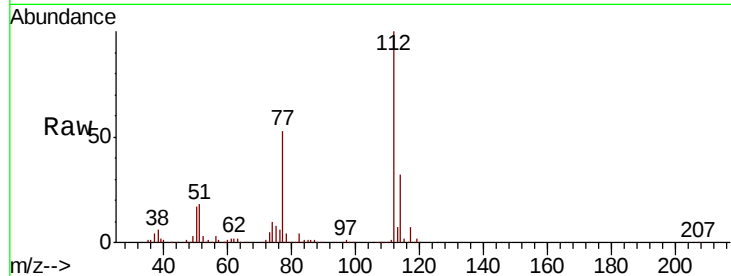




#65
Chlorobenzene
Concen: 53.364 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

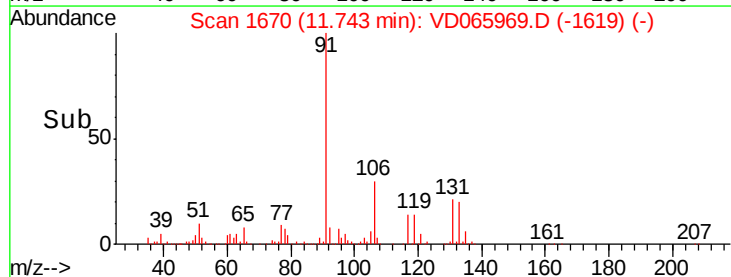
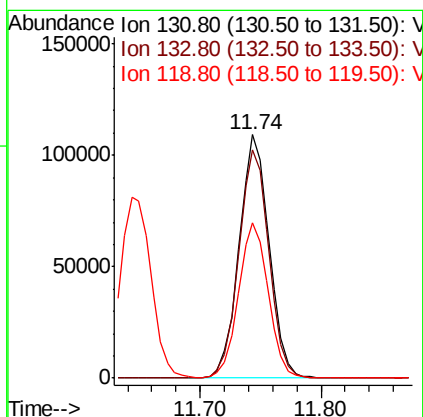
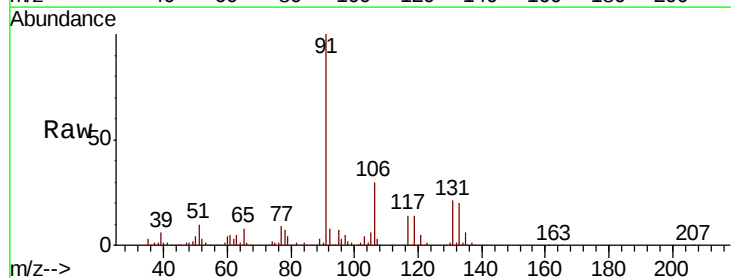
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

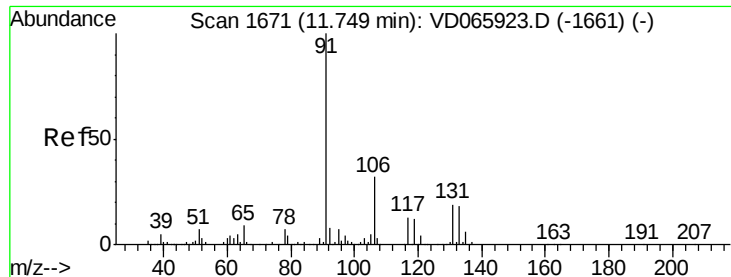
Tot Ion:112 Resp: 493162
Ion Ratio Lower Upper
112 100
114 31.9 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.749 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:131 Resp: 189240
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 63.4 31.9 95.9





#67

Ethyl Benzene

Concen: 52.721 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

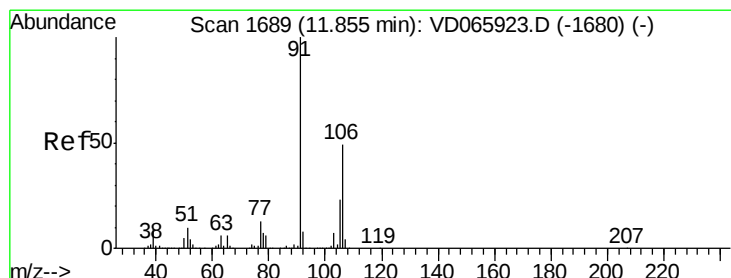
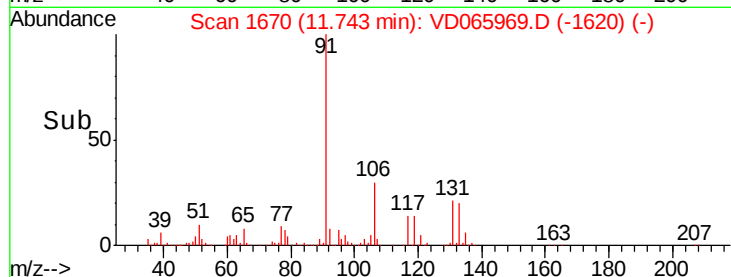
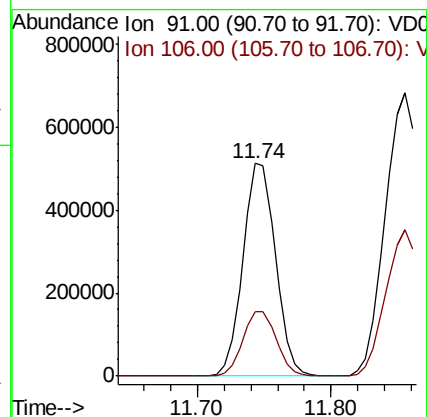
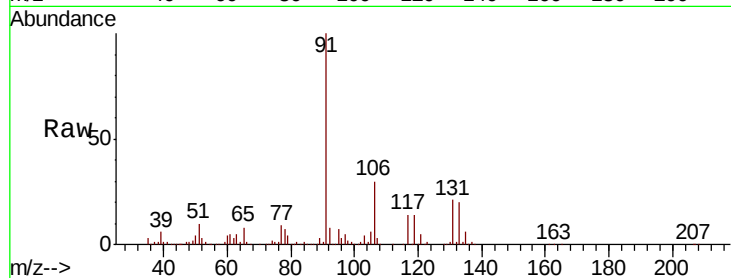
VSTDCCC050EC

Tot Ion: 91 Resp: 865546

Ion Ratio Lower Upper

91 100

106 30.4 25.2 37.8



#68

m/p-Xylenes

Concen: 107.456 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065969.D

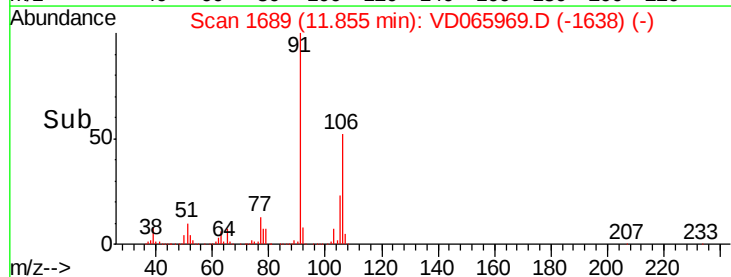
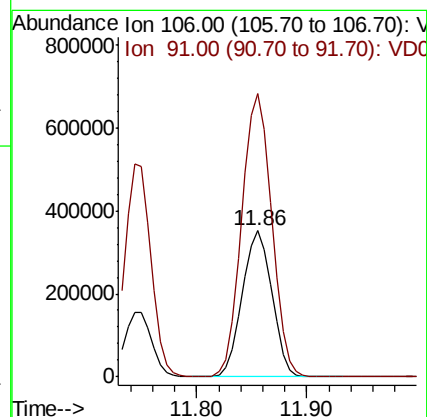
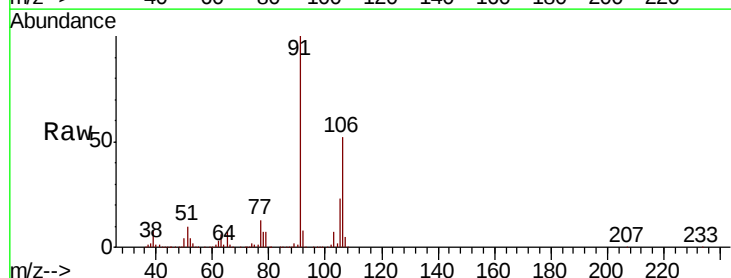
Acq: 16 Jul 2020 20:46

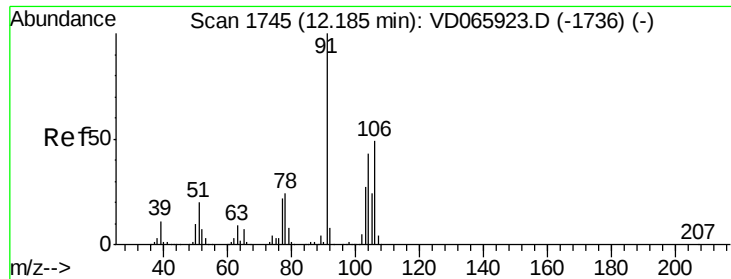
Tgt Ion: 106 Resp: 670259

Ion Ratio Lower Upper

106 100

91 195.1 158.2 237.2

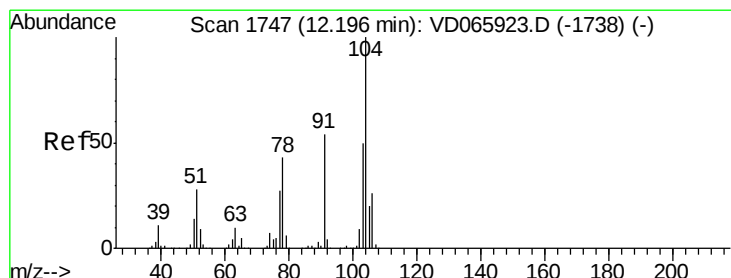
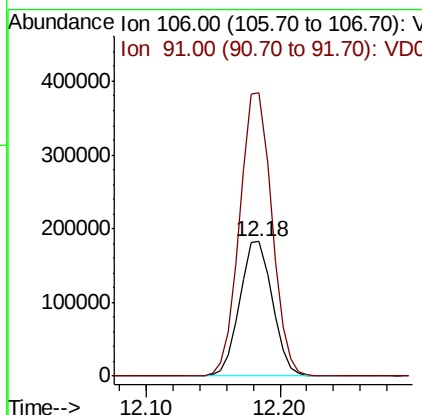
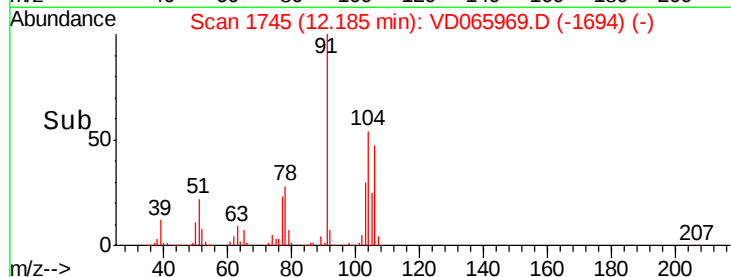
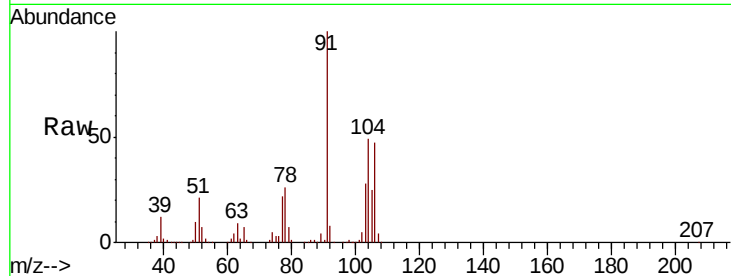




#69
o-Xylene
Concen: 54.619 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

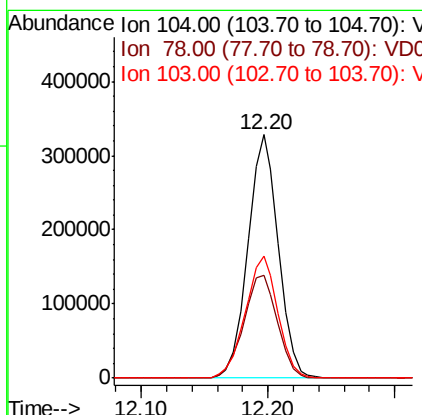
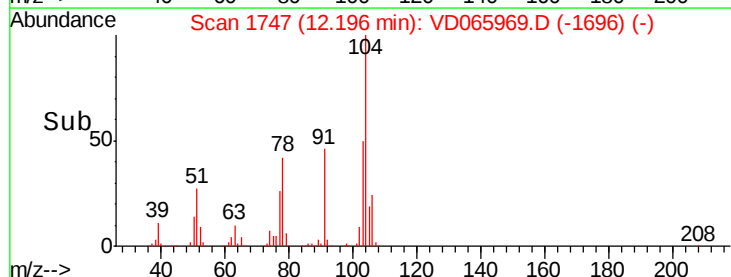
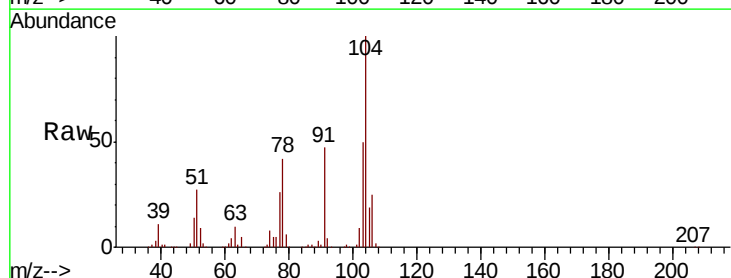
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

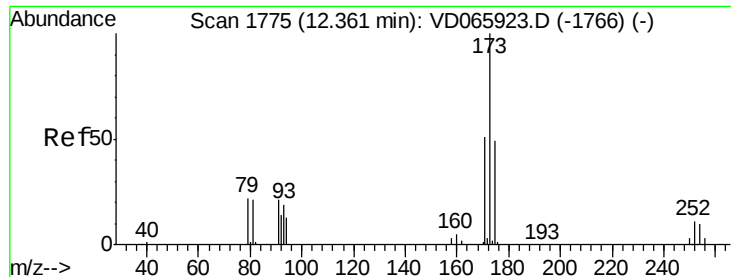
Tot Ion:106 Resp: 310349
Ion Ratio Lower Upper
106 100
91 207.6 104.1 312.2



#70
Styrene
Concen: 55.734 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:104 Resp: 546676
Ion Ratio Lower Upper
104 100
78 47.1 38.8 58.2
103 53.5 43.6 65.4

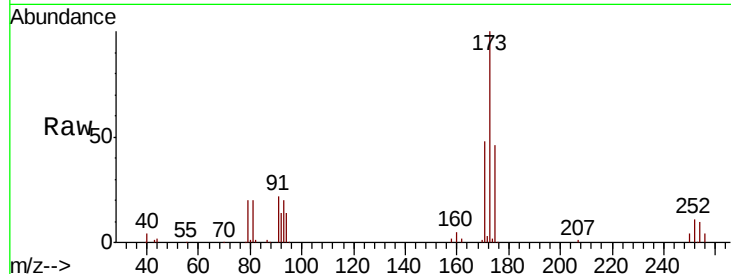




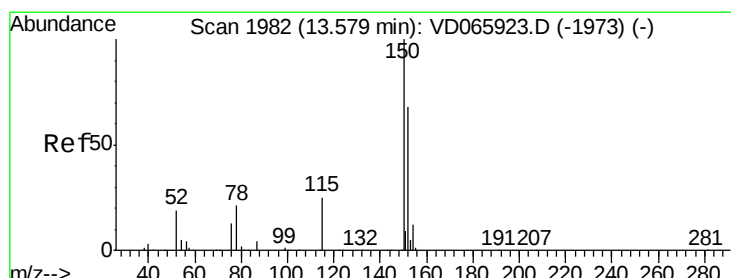
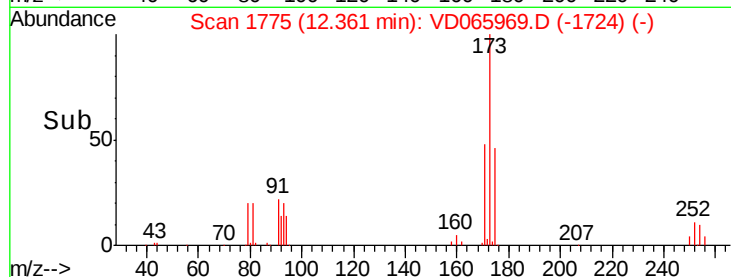
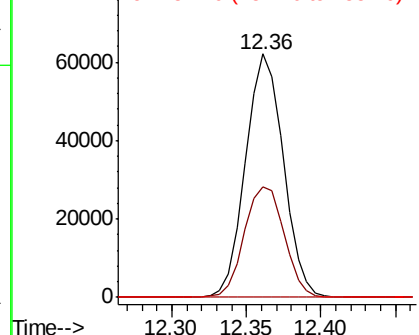
#71
Bromoform
Concen: 55.676 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 108895
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

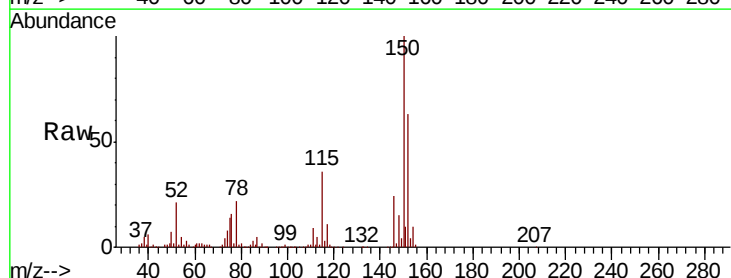


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

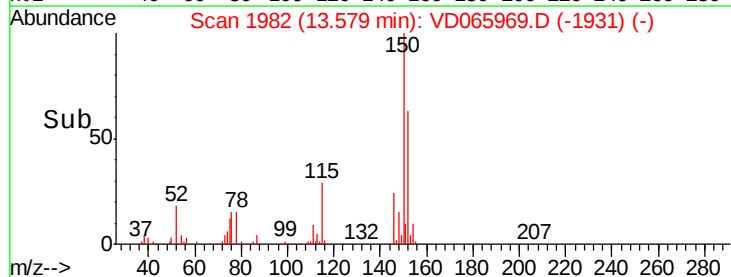
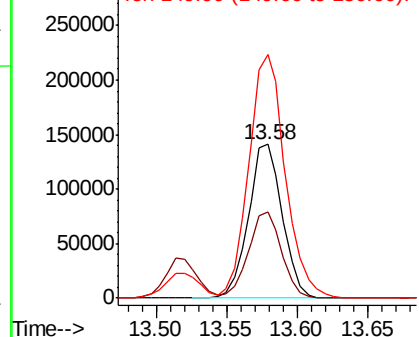


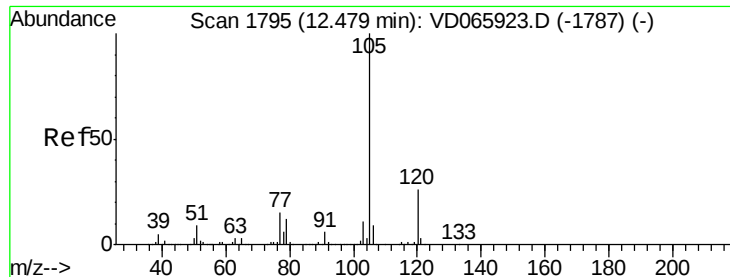
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:152 Resp: 235545
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 171.5 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: 51.589 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

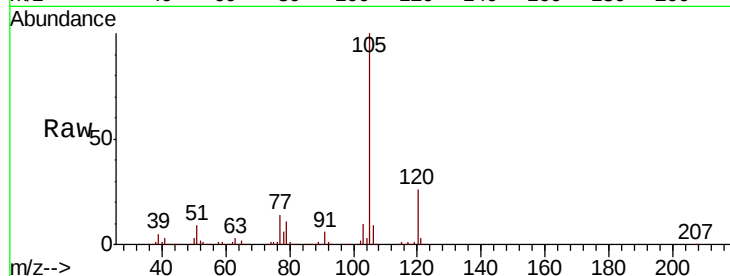
VSTDCCC050EC

Tot Ion:105 Resp: 848063

Ion Ratio Lower Upper

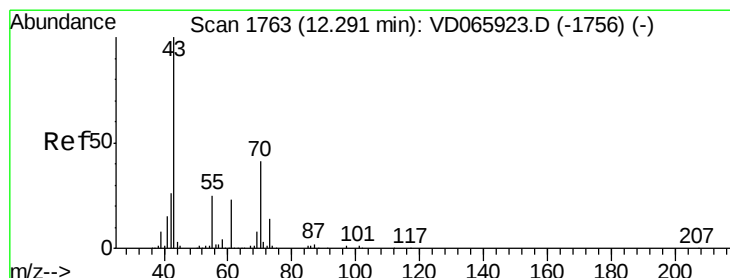
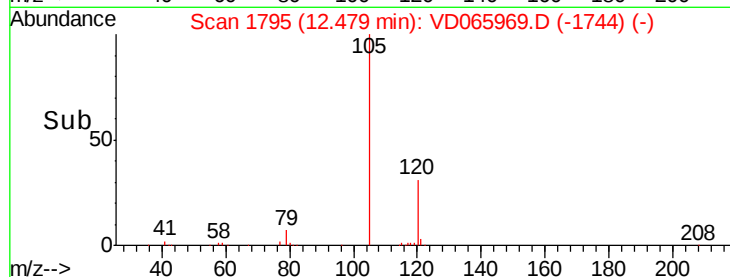
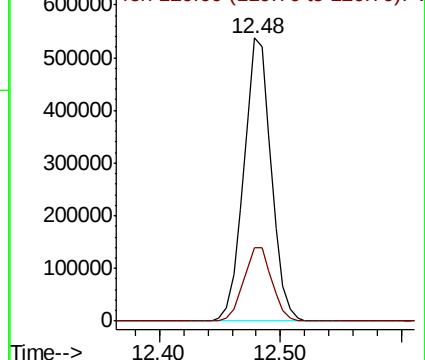
105 100

120 26.9 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: 50.503 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Tgt Ion: 43 Resp: 186296

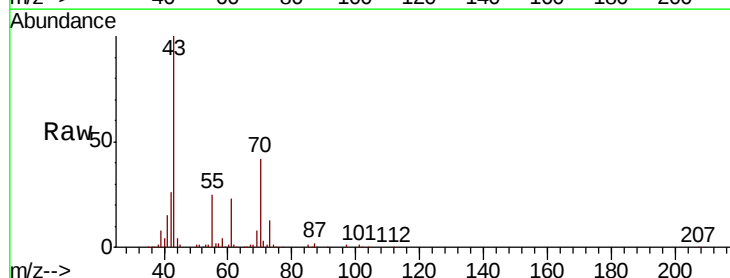
Ion Ratio Lower Upper

43 100

70 42.3 33.6 50.4

55 24.9 20.1 30.1

61 23.5 18.9 28.3

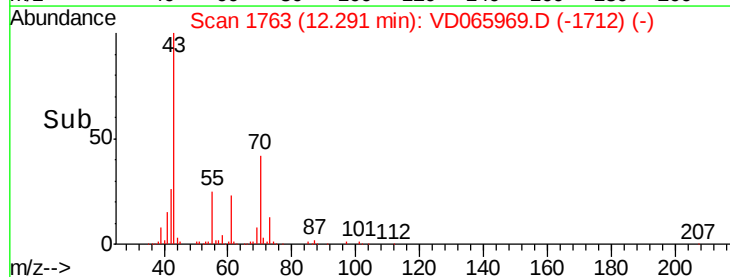
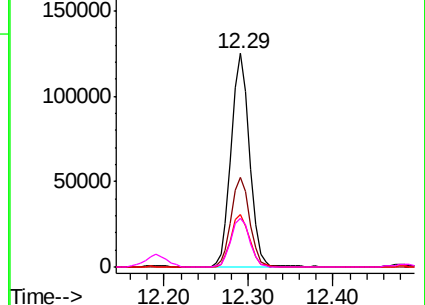


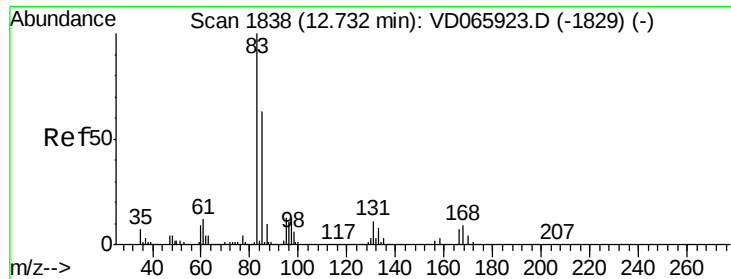
Abundance Ion 43.00 (42.70 to 43.70): VDC

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: 51.447 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

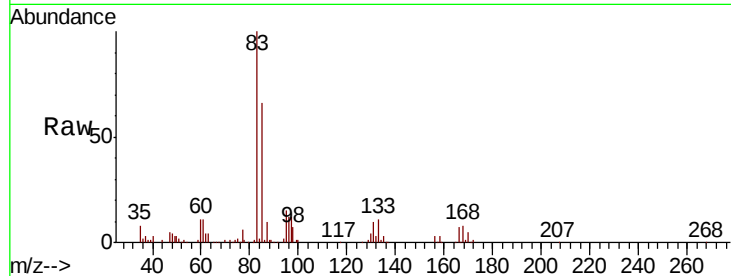
Tot Ion: 83 Resp: 140409

Ion Ratio Lower Upper

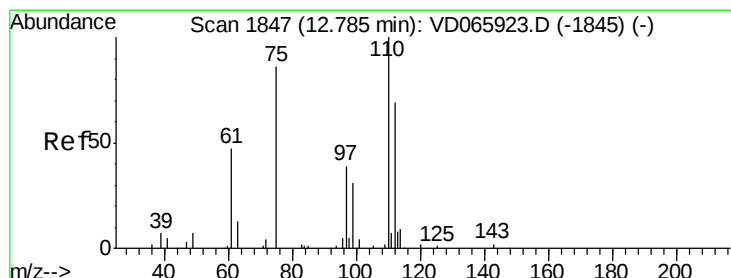
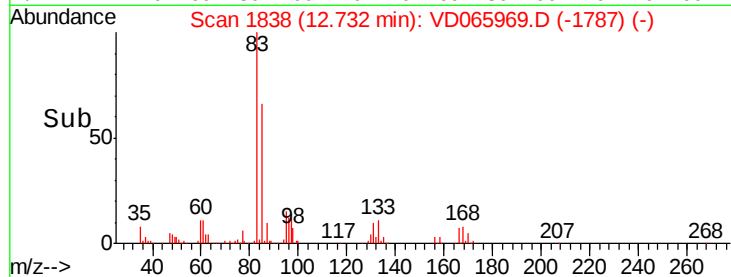
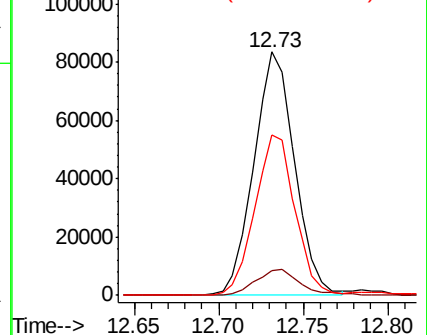
83 100

131 11.6 5.6 16.8

85 64.7 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: 92.748 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065969.D

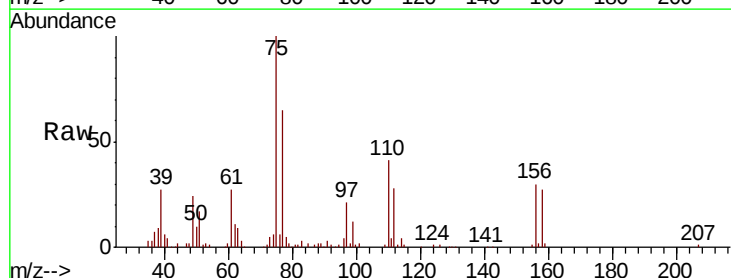
Acq: 16 Jul 2020 20:46

Tgt Ion: 75 Resp: 183262

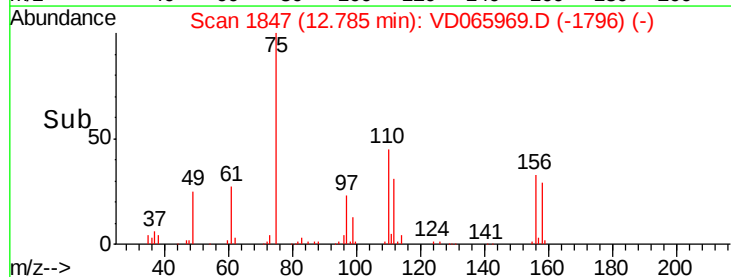
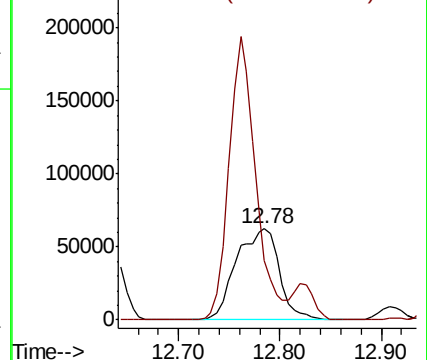
Ion Ratio Lower Upper

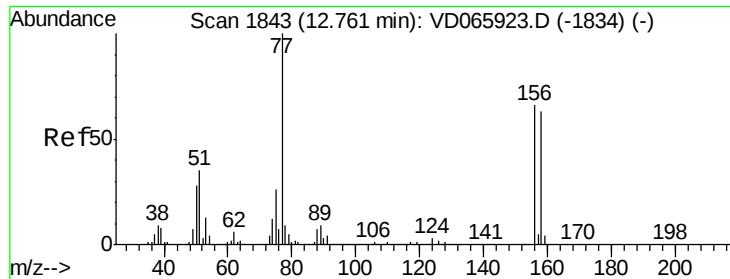
75 100

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: 53.606 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

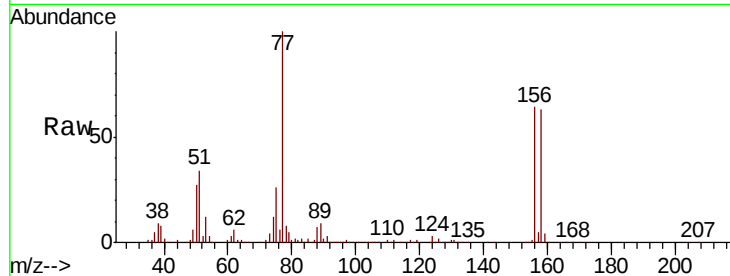
Tot Ion:156 Resp: 213733

Ion Ratio Lower Upper

156 100

77 166.6 85.0 255.0

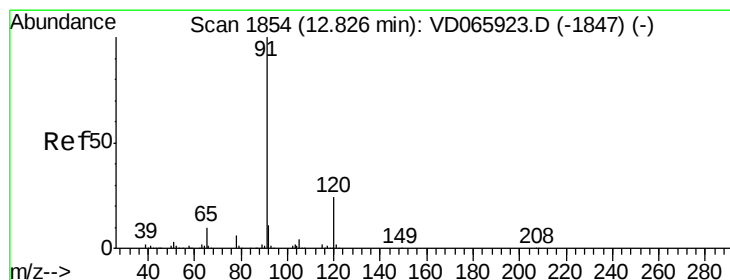
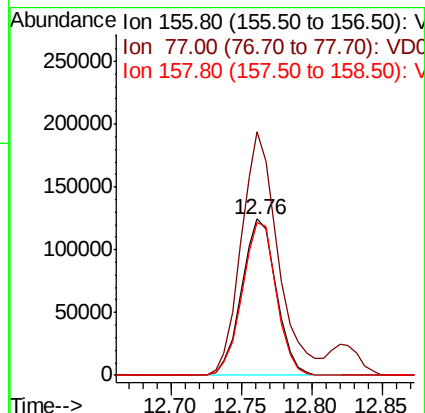
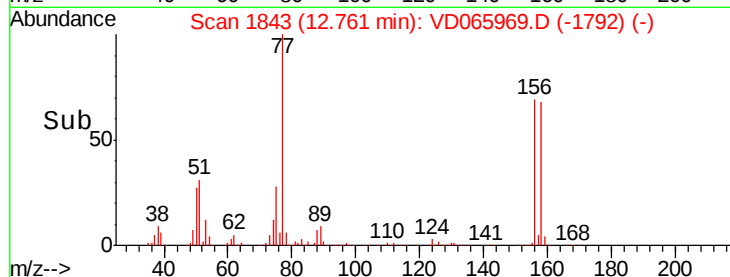
158 96.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.841 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065969.D

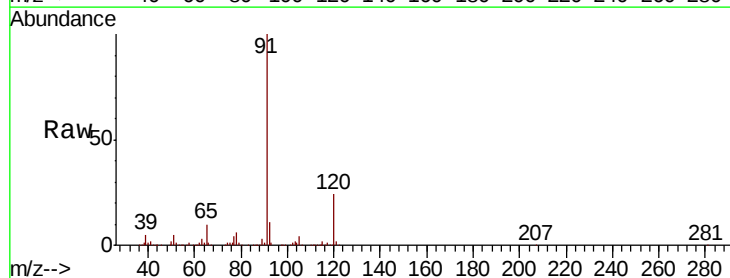
Acq: 16 Jul 2020 20:46

Tgt Ion: 91 Resp: 979864

Ion Ratio Lower Upper

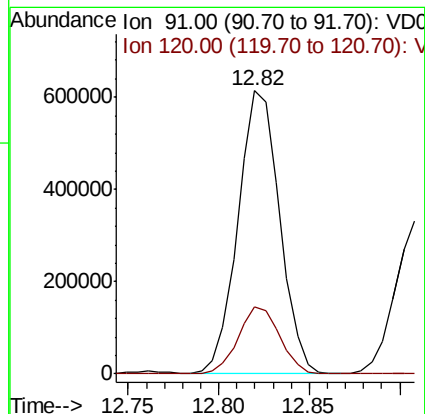
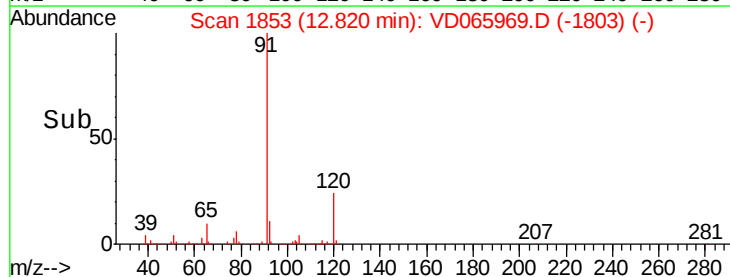
91 100

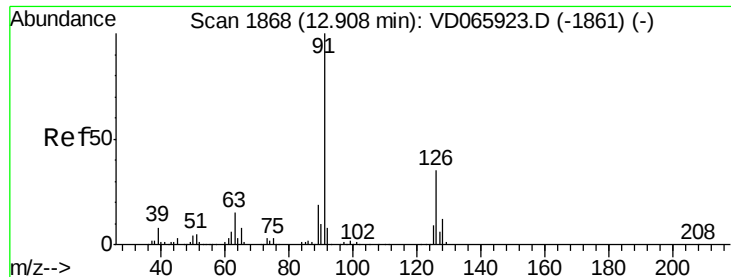
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

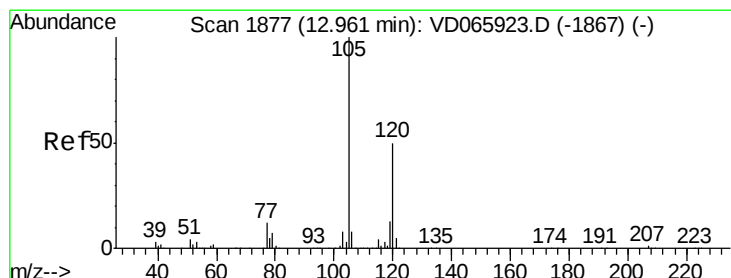
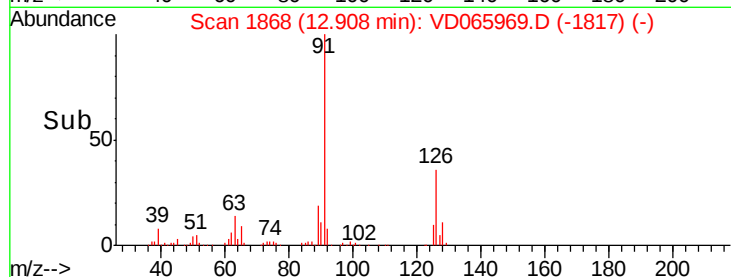
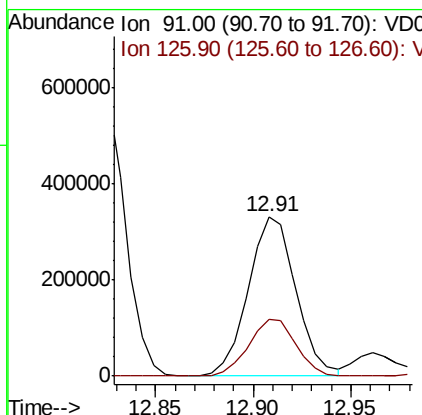
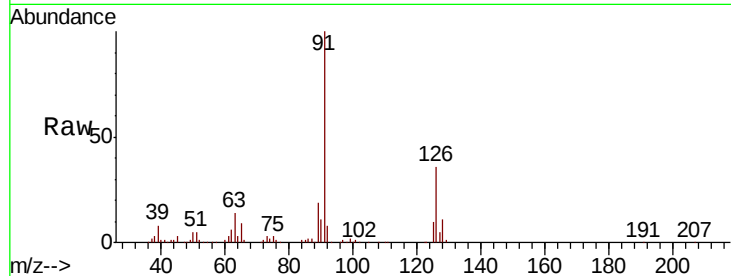




#79
 2-Chlorotoluene
 Concen: 51.141 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

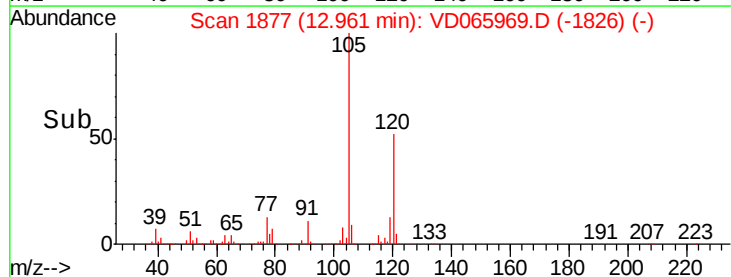
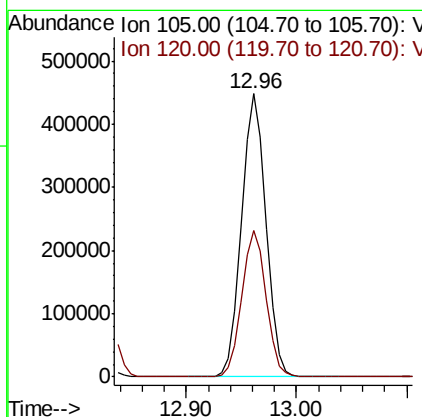
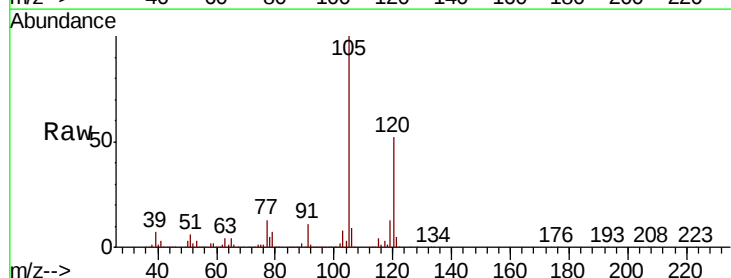
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

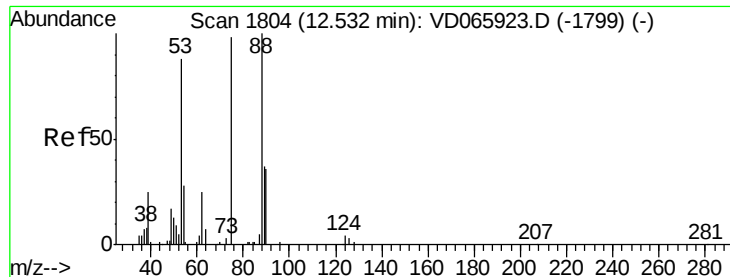
Tot Ion: 91 Resp: 559159
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.808 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion: 105 Resp: 696598
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.210 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

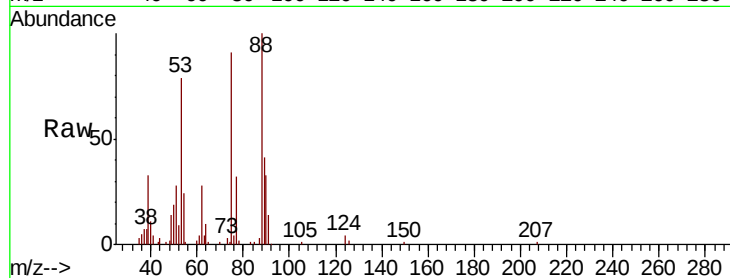
Tot Ion: 75 Resp: 46172

Ion Ratio Lower Upper

75 100

53 93.8 75.8 113.8

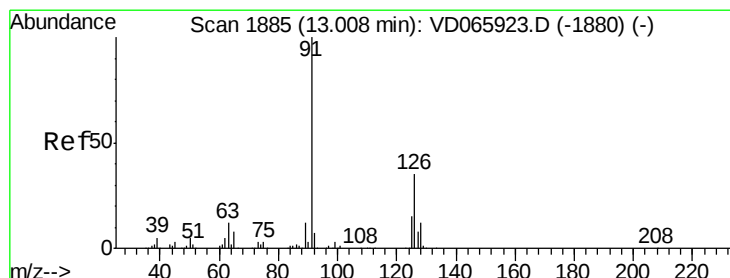
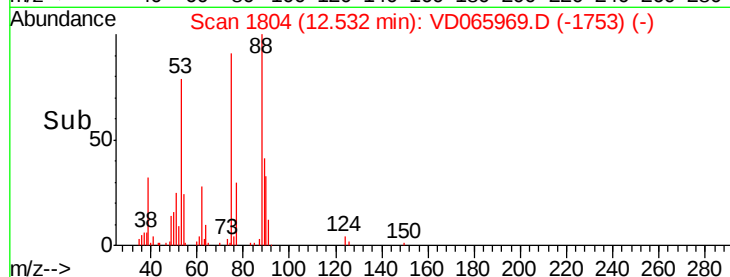
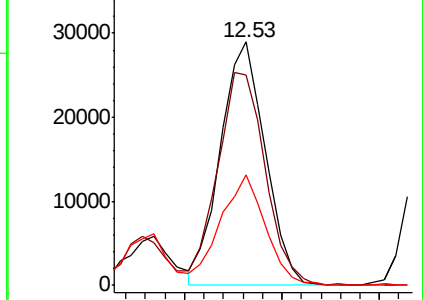
89 45.5 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.926 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065969.D

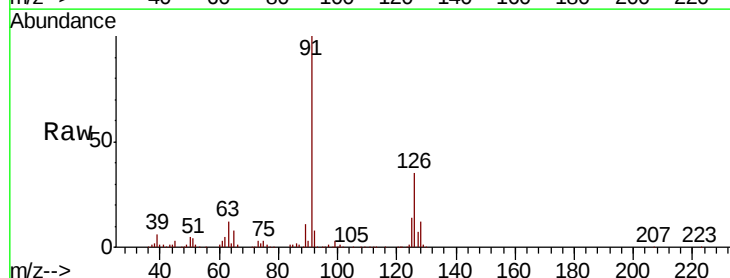
Acq: 16 Jul 2020 20:46

Tgt Ion: 91 Resp: 584193

Ion Ratio Lower Upper

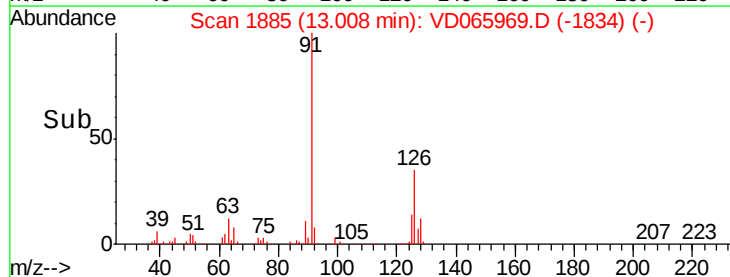
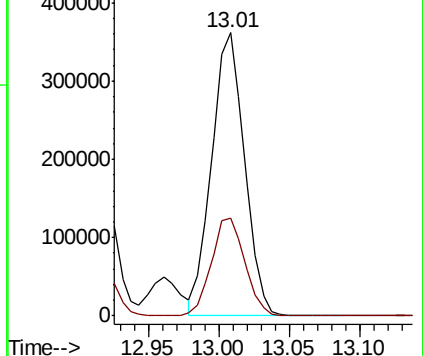
91 100

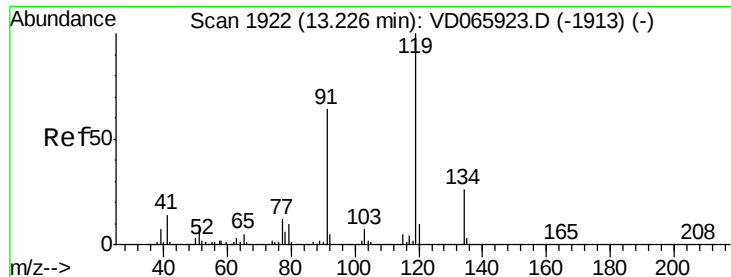
126 35.2 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

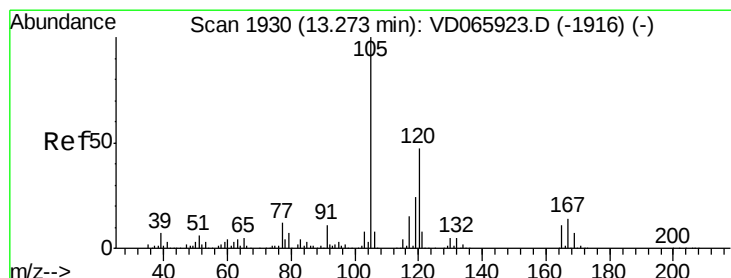
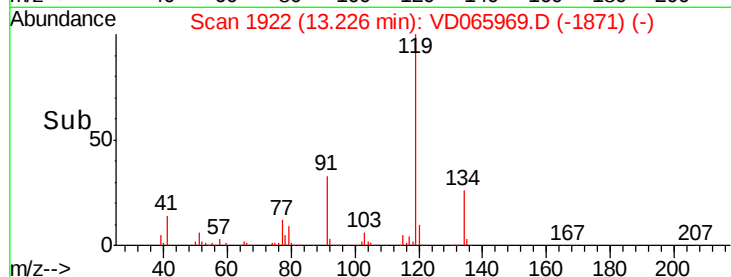
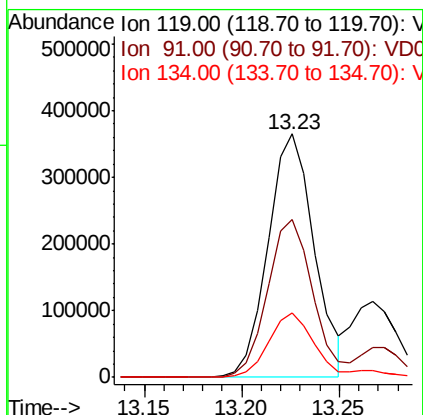
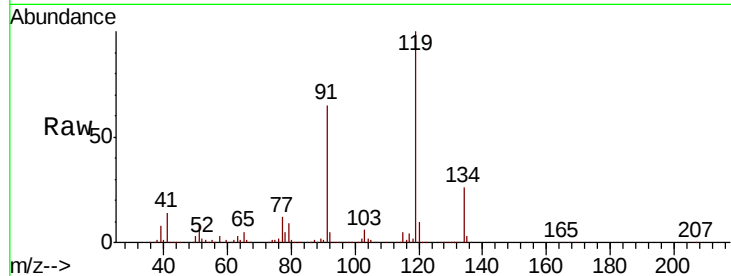




#83
tert-Butylbenzene
Concen: 52.293 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

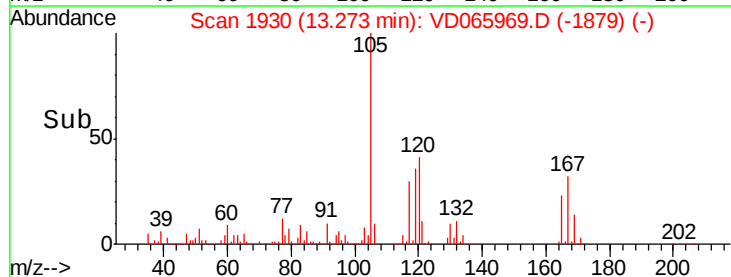
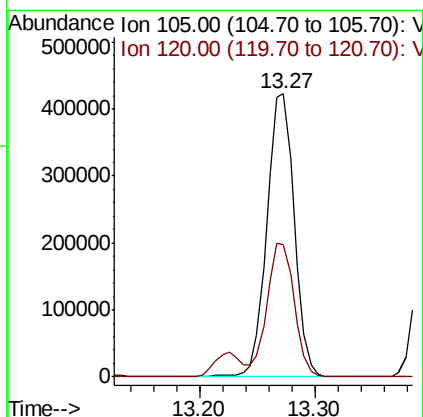
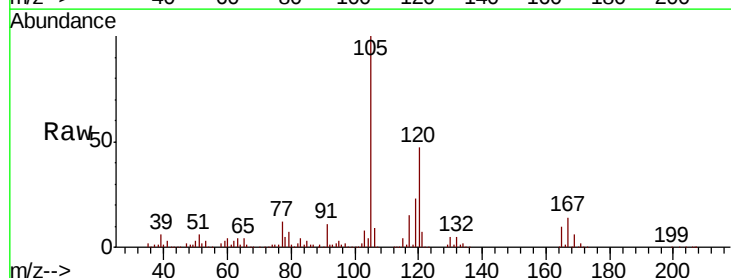
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

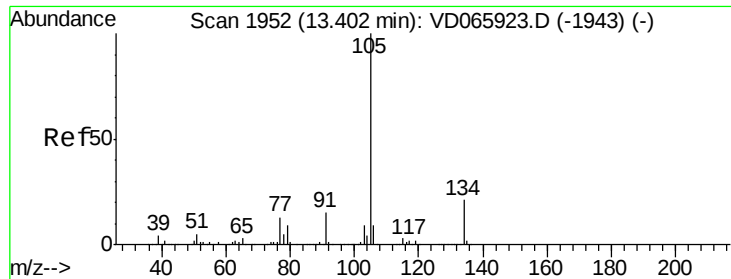
Tot Ion:119 Resp: 599041
Ion Ratio Lower Upper
119 100
91 64.0 32.4 97.2
134 25.7 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 52.459 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:105 Resp: 702126
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.944 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

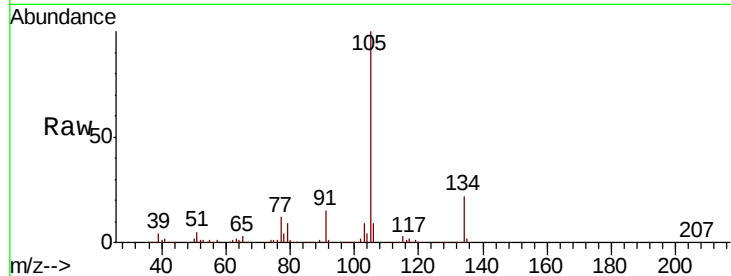
VSTDCCC050EC

Tot Ion:105 Resp: 827052

Ion Ratio Lower Upper

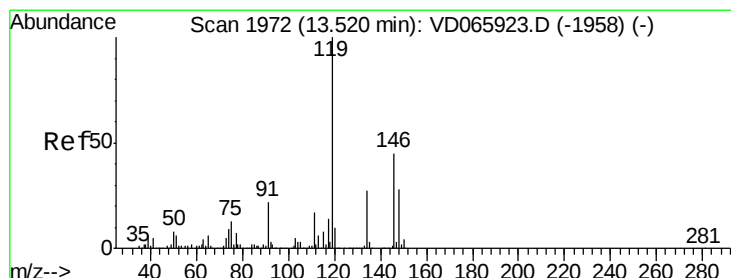
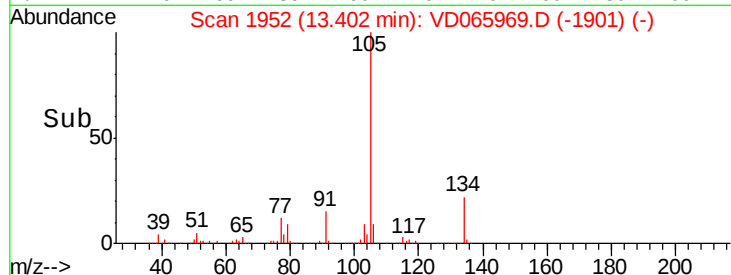
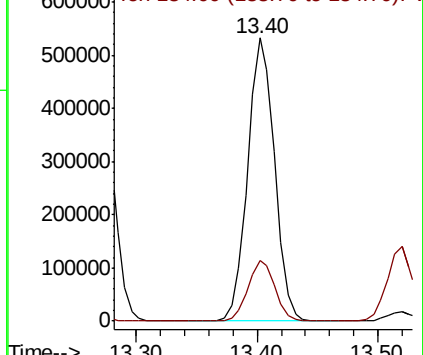
105 100

134 21.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.642 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

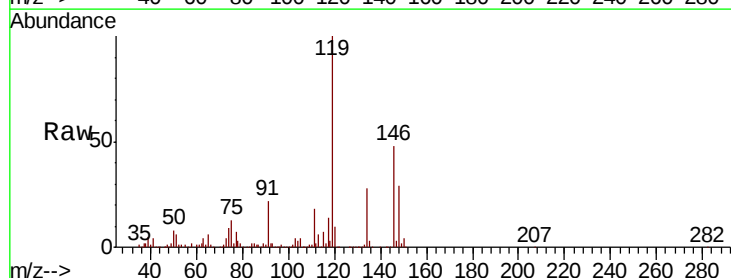
Tgt Ion:119 Resp: 766831

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

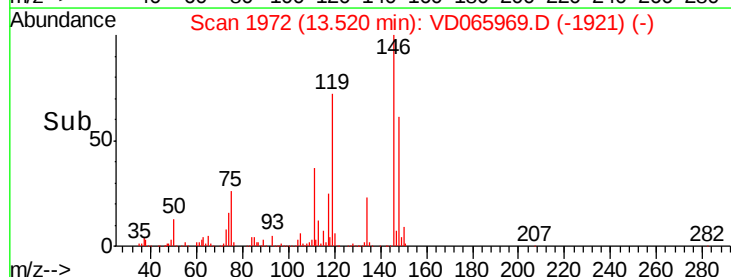
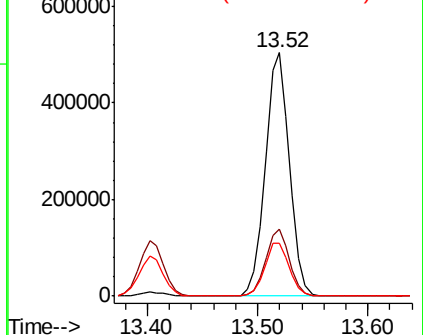
91 22.4 11.3 33.8

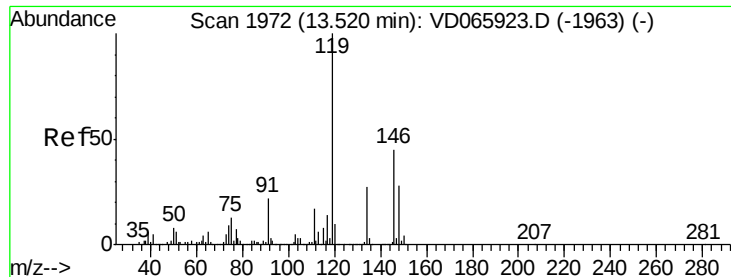


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

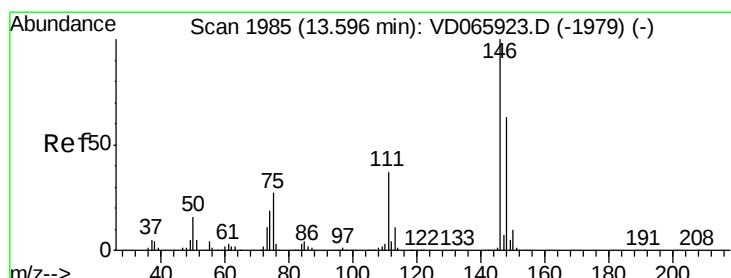
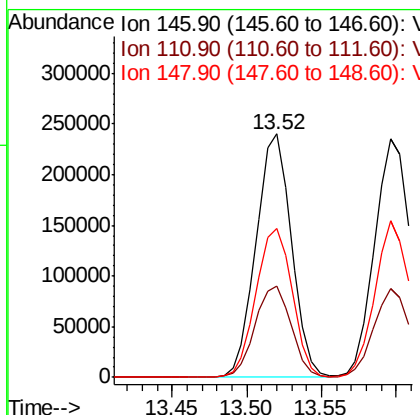
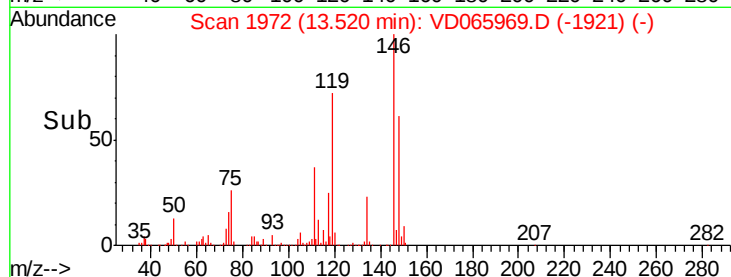
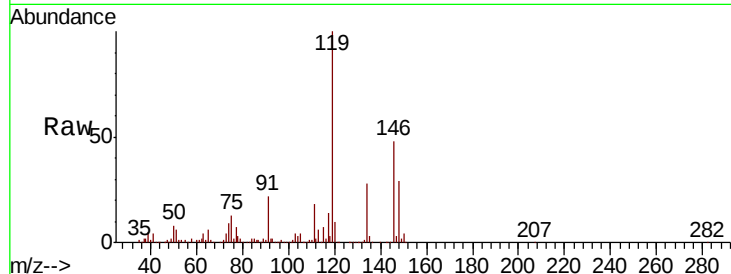




#87
 1,3-Dichlorobenzene
 Concen: 52.954 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

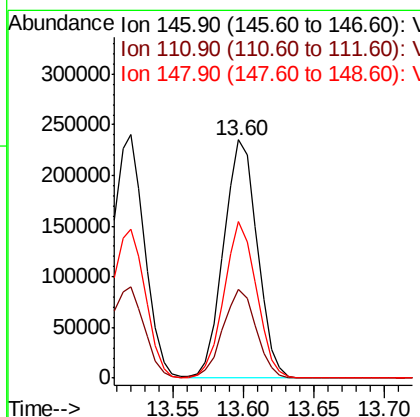
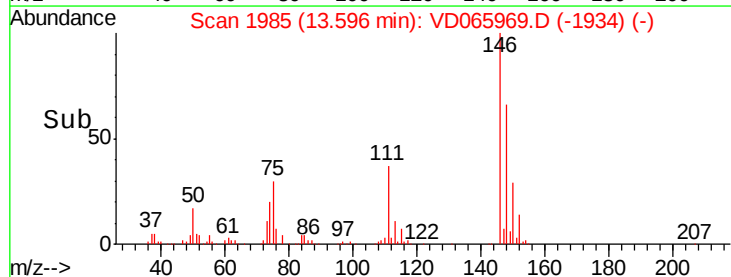
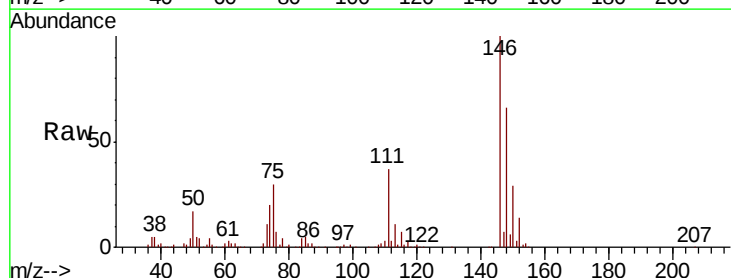
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

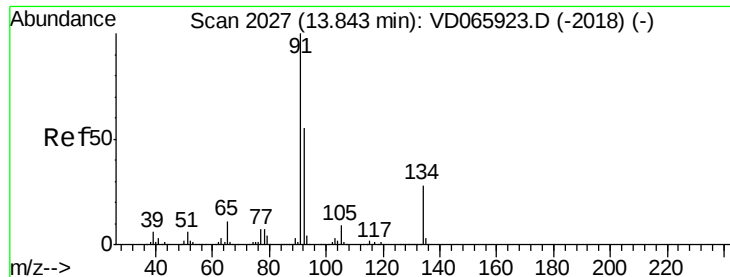
Tot Ion:146 Resp: 395079
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 62.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.385 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion:146 Resp: 389912
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 63.3 32.1 96.3

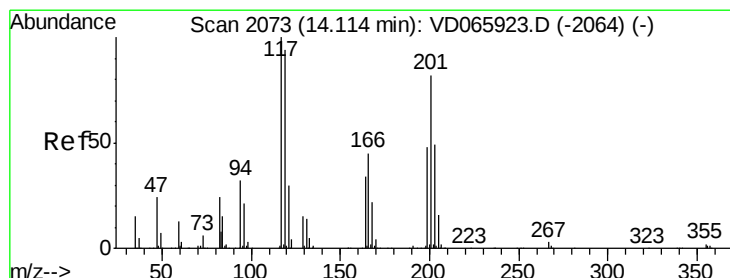
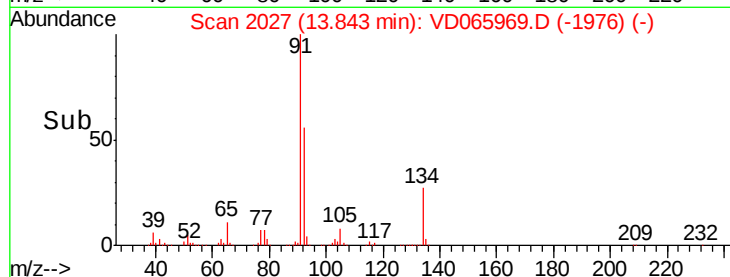
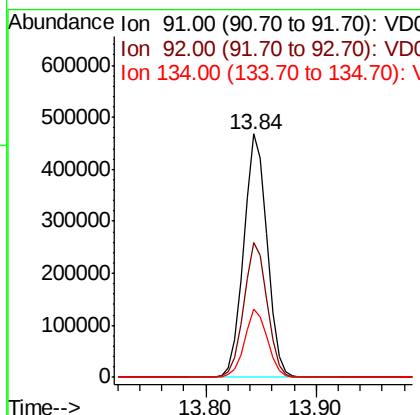
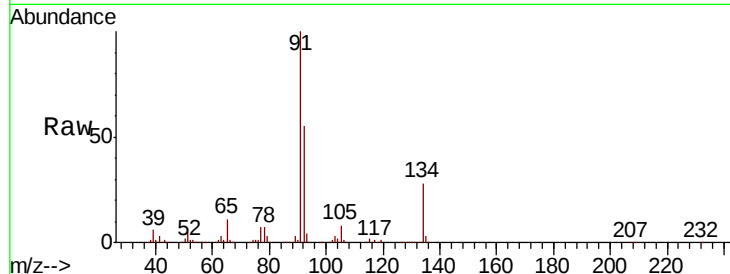




#89
n-Butylbenzene
Concen: 50.009 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

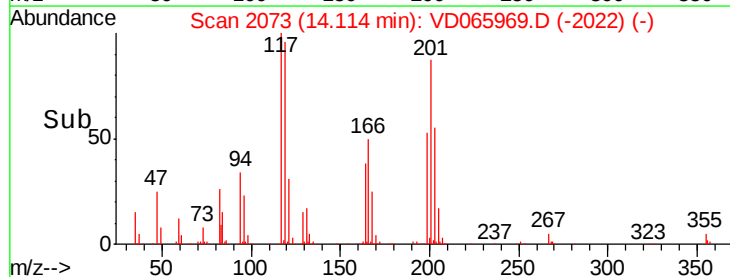
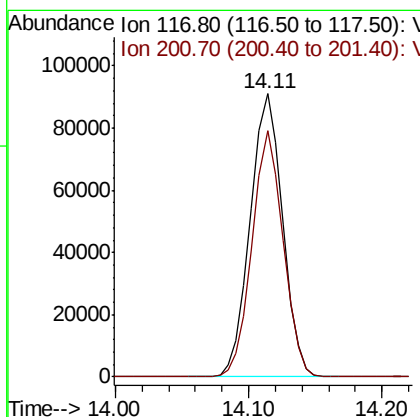
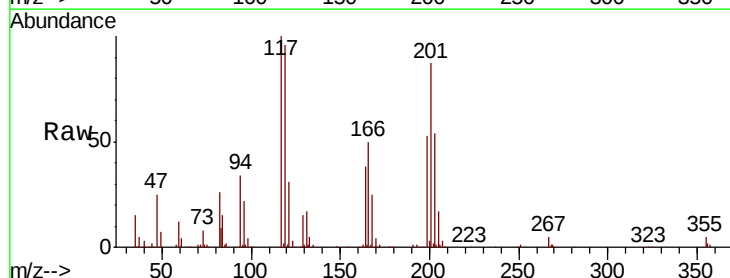
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

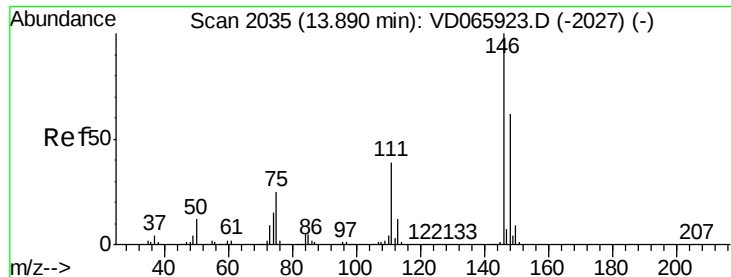
Tot Ion: 91 Resp: 697335
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.6
134 27.3 13.8 41.3



#90
Hexachloroethane
Concen: 50.818 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion: 117 Resp: 152168
Ion Ratio Lower Upper
117 100
201 83.5 40.0 120.0





#91

1,2-Dichlorobenzene

Concen: 52.358 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

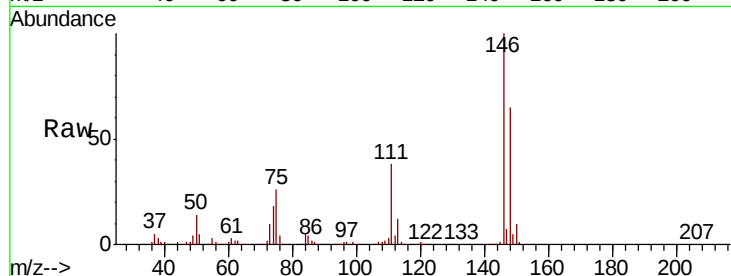
Tot Ion:146 Resp: 341421

Ion Ratio Lower Upper

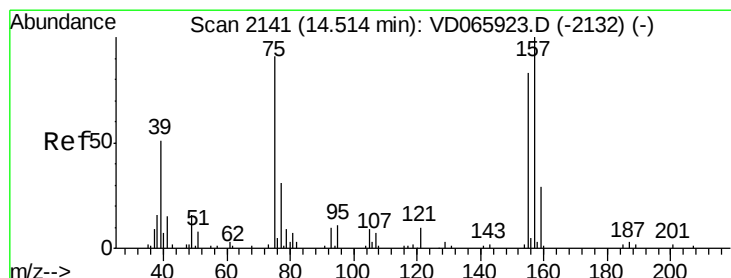
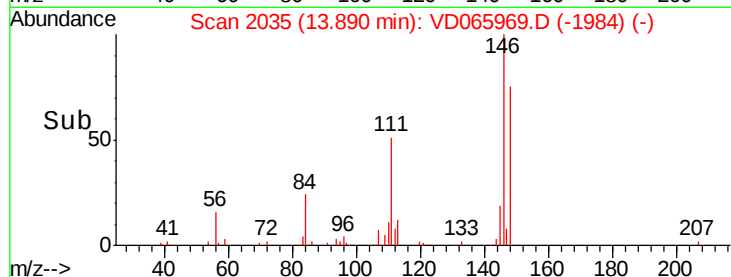
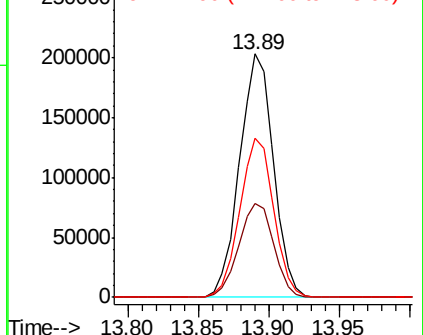
146 100

111 39.6 19.7 59.0

148 65.2 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: 47.027 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065969.D

Acq: 16 Jul 2020 20:46

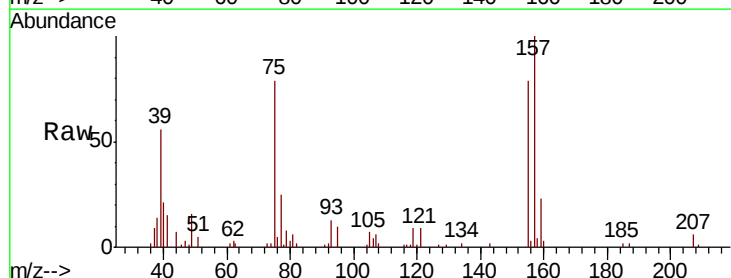
Tgt Ion: 75 Resp: 21461

Ion Ratio Lower Upper

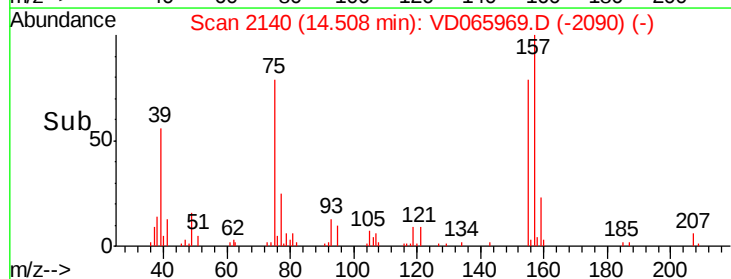
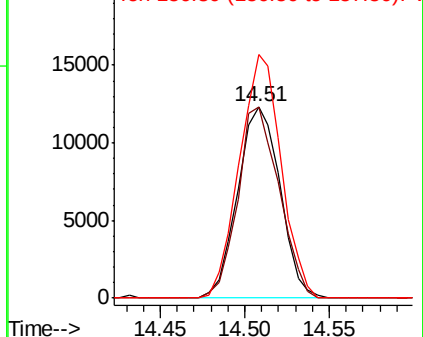
75 100

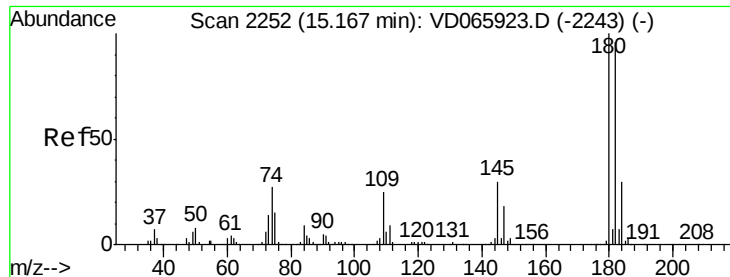
155 97.5 45.3 135.8

157 125.5 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

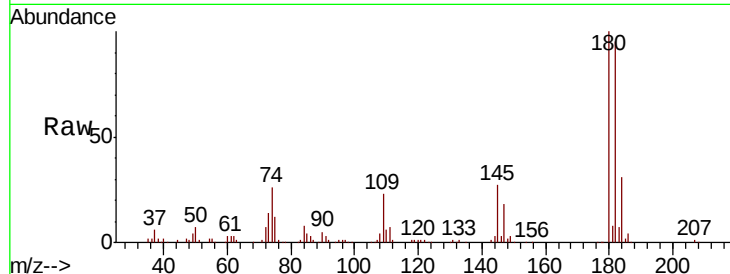




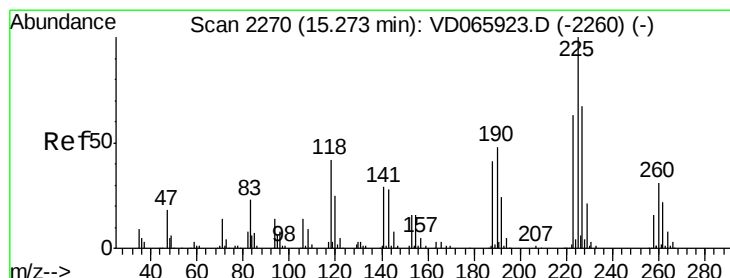
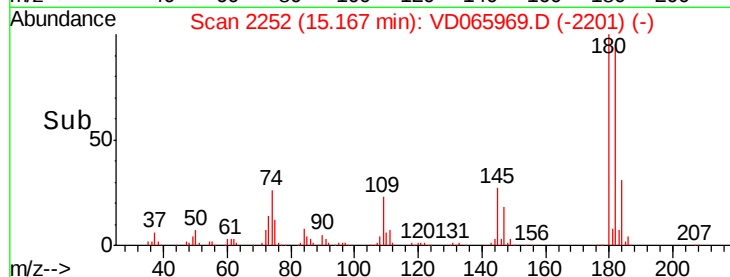
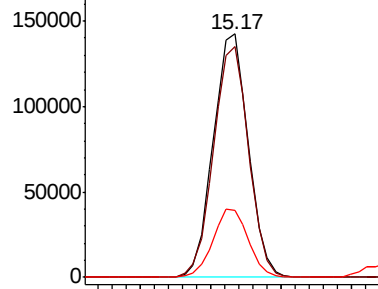
#93
 1,2,4-Trichlorobenzene
 Concen: 53.369 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.6
145	28.3	15.0	45.1

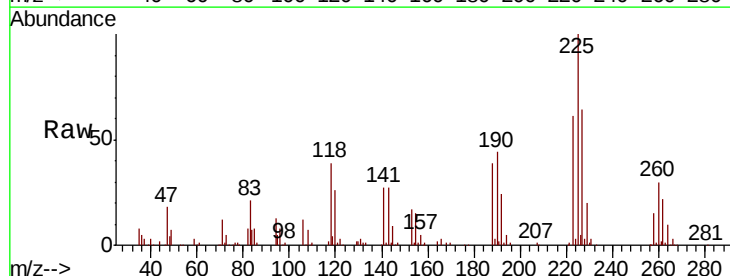


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

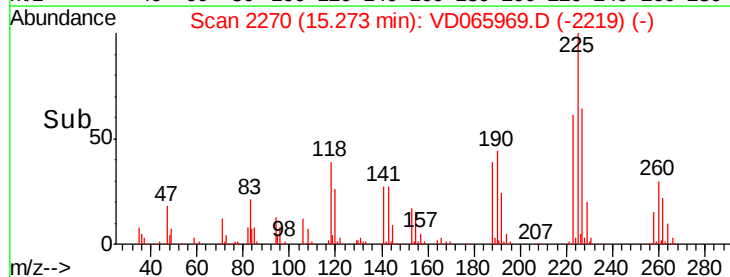
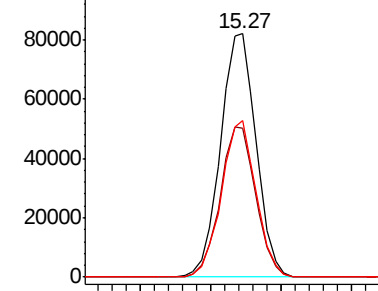


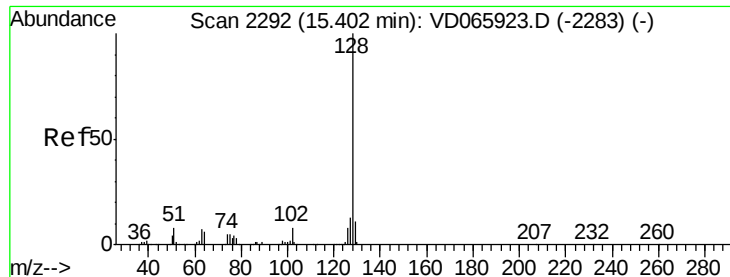
#94
 Hexachlorobutadiene
 Concen: 51.599 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065969.D
 Acq: 16 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.1	93.2
227	62.8	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

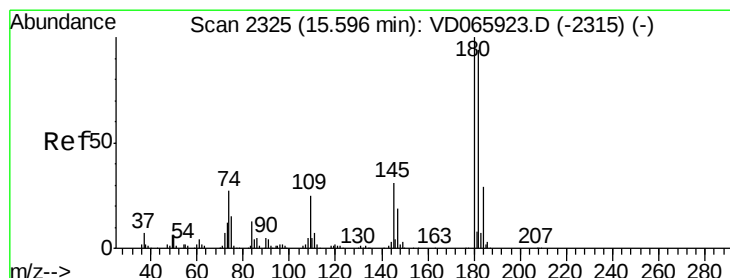
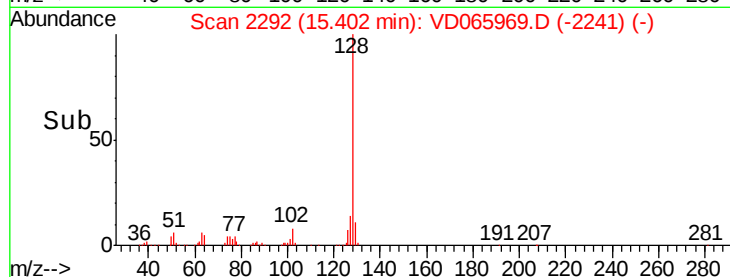
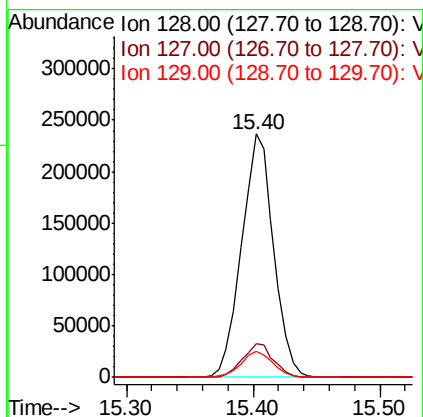
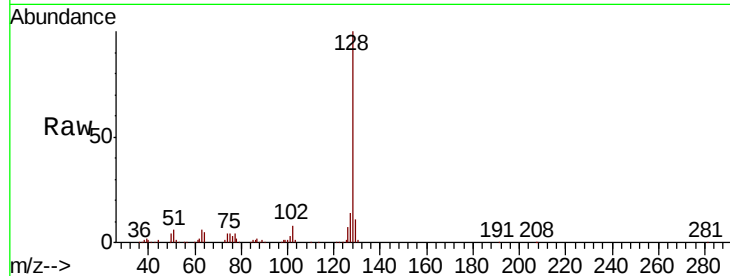




#95
Naphthalene
Concen: 52.967 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 412845
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.497 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065969.D
Acq: 16 Jul 2020 20:46

Tgt Ion:180 Resp: 214452
Ion Ratio Lower Upper
180 100
182 98.0 47.6 142.8
145 31.4 16.1 48.2

