

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065900.D
 Acq On : 01 Jul 2020 11:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 04:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	167518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	267771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	243369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	79341	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
35) Dibromofluoromethane	7.91	113	78262	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
50) Toluene-d8	10.34	98	294194	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.63	95	97981	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	65473	40.875	ug/l	100
3) Chloromethane	2.21	50	96617	43.401	ug/l	93
4) Vinyl Chloride	2.35	62	104736	42.413	ug/l	93
5) Bromomethane	2.77	94	67869	42.020	ug/l	100
6) Chloroethane	2.93	64	67665	43.453	ug/l	96
7) Trichlorofluoromethane	3.27	101	143779	46.189	ug/l	99
8) Diethyl Ether	3.70	74	36960	45.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81306	46.350	ug/l	98
10) Methyl Iodide	4.30	142	80764	44.398	ug/l	99
11) Tert butyl alcohol	5.21	59	23668	272.855	ug/l	96
12) 1,1-Dichloroethene	4.07	96	75257	46.027	ug/l	95
13) Acrolein	3.91	56	27423	216.815	ug/l	95
14) Allyl chloride	4.71	41	122203	47.381	ug/l	98
15) Acrylonitrile	5.41	53	79706	229.120	ug/l	98
16) Acetone	4.15	43	102071	299.346	ug/l #	88
17) Carbon Disulfide	4.41	76	248113	44.916	ug/l	98
18) Methyl Acetate	4.72	43	35925	47.515	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	167702	46.774	ug/l	100
20) Methylene Chloride	4.96	84	98737	56.183	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	85968	45.916	ug/l	94
22) Diisopropyl ether	6.36	45	252679	46.974	ug/l	97
23) Vinyl Acetate	6.30	43	737463	237.210	ug/l	100
24) 1,1-Dichloroethane	6.26	63	149436	46.567	ug/l	100
25) 2-Butanone	7.21	43	114649	251.952	ug/l	97
26) 2,2-Dichloropropane	7.20	77	144327	49.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	93326	45.050	ug/l	97
28) Bromochloromethane	7.54	49	55535	46.052	ug/l	97
29) Tetrahydrofuran	7.56	42	66395	229.700	ug/l	96
30) Chloroform	7.71	83	160266	46.644	ug/l	92
31) Cyclohexane	7.98	56	137406	44.075	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	148929	47.236	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125401	48.026	ug/l	99
37) Ethyl Acetate	7.29	43	47774	47.850	ug/l #	97
38) Carbon Tetrachloride	8.10	117	136552	48.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	147680	47.602	ug/l	96
40) Benzene	8.35	78	334048	46.113	ug/l	96
41) Methacrylonitrile	7.52	41	27505	50.214	ug/l #	53
42) 1,2-Dichloroethane	8.42	62	103530	48.445	ug/l	99
43) Isopropyl Acetate	8.45	43	93930	48.553	ug/l	97
44) Trichloroethene	9.11	130	91535	46.643	ug/l	97
45) 1,2-Dichloropropane	9.38	63	83200	47.946	ug/l	99
46) Dibromomethane	9.47	93	44669	46.437	ug/l	97
47) Bromodichloromethane	9.66	83	123654	48.377	ug/l	92
48) Methyl methacrylate	9.46	41	46214	48.734	ug/l	91
49) 1,4-Dioxane	9.46	88	9170	931.940	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	238328	238.991	ug/l	99
52) Toluene	10.40	92	218238	46.337	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	117415	48.123	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	136120	47.513	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	58655	46.013	ug/l	91
56) Ethyl methacrylate	10.66	69	73747	46.592	ug/l	97
57) 1,3-Dichloropropane	10.94	76	105141	47.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	192378	277.284	ug/l	98
59) 2-Hexanone	10.98	43	176313	252.234	ug/l	98
60) Dibromochloromethane	11.14	129	79809	45.836	ug/l	99
61) 1,2-Dibromoethane	11.25	107	56595	45.362	ug/l	99
64) Tetrachloroethene	10.88	164	74519	46.891	ug/l	95
65) Chlorobenzene	11.67	112	221897	45.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85037	47.287	ug/l	97
67) Ethyl Benzene	11.74	91	416332	46.436	ug/l	99
68) m/p-Xylenes	11.86	106	326141	95.543	ug/l	99
69) o-Xylene	12.18	106	144813	47.208	ug/l	100
70) Styrene	12.20	104	252295	47.037	ug/l	99
71) Bromoform	12.36	173	43209	45.244	ug/l #	98
73) Isopropylbenzene	12.48	105	405530	48.460	ug/l	99
74) N-amyl acetate	12.29	43	88646	47.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	63253	45.919	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	47039m	46.010	ug/l	
77) Bromobenzene	12.77	156	89047	47.329	ug/l	98
78) n-propylbenzene	12.83	91	487006	48.306	ug/l	100
79) 2-Chlorotoluene	12.91	91	270192	48.656	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	339548	48.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22341	46.946	ug/l	99
82) 4-Chlorotoluene	13.01	91	285697	48.144	ug/l	100
83) tert-Butylbenzene	13.23	119	280944	47.721	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	335781	48.726	ug/l	98
85) sec-Butylbenzene	13.40	105	408216	48.657	ug/l	99
86) p-Isopropyltoluene	13.52	119	380482	49.929	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	174737	47.802	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	172719	46.964	ug/l	99
89) n-Butylbenzene	13.85	91	365207	49.148	ug/l	99
90) Hexachloroethane	14.11	117	75984	48.861	ug/l	92
91) 1,2-Dichlorobenzene	13.89	146	149396	46.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11230	52.630	ug/l	96

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Quant Title : SW846 8260
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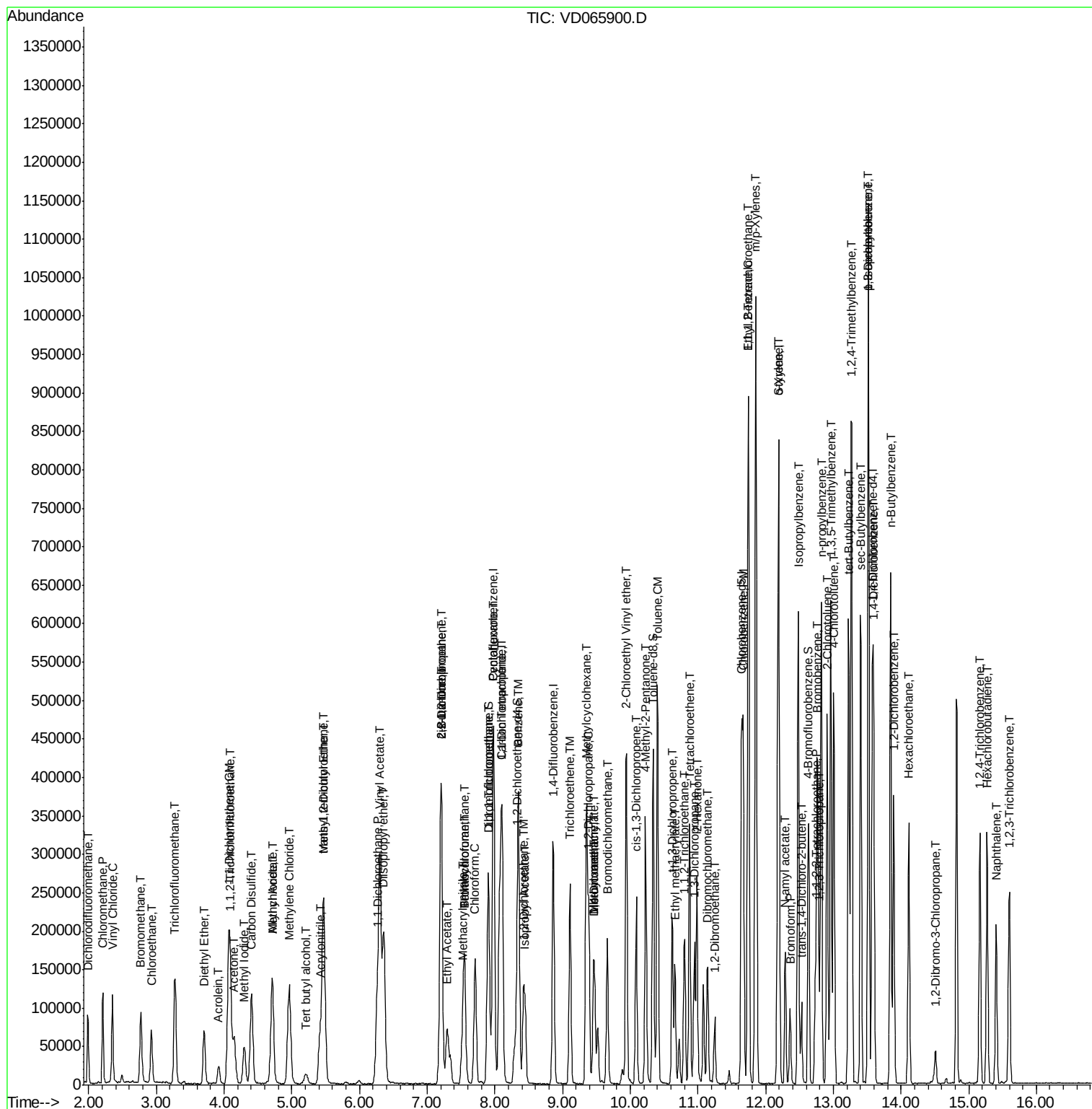
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	99178	48.852	ug/l	99
94) Hexachlorobutadiene	15.27	225	56555	48.840	ug/l	98
95) Naphthalene	15.41	128	173729	47.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	83536	49.310	ug/l	96

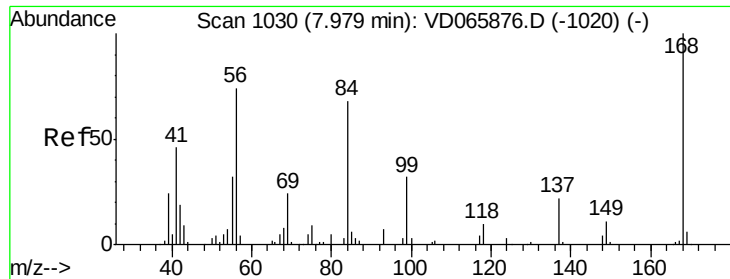
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

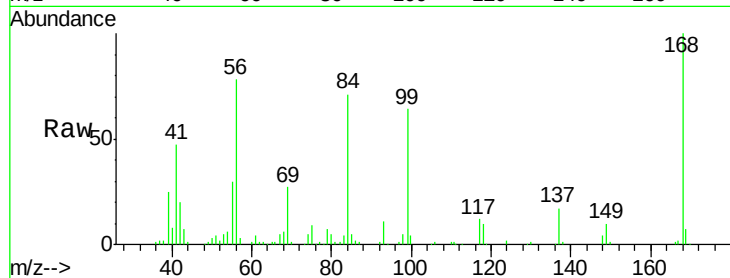
VSTDCCC050

Tot Ion:168 Resp: 167518

Ion Ratio Lower Upper

168 100

99 63.2 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

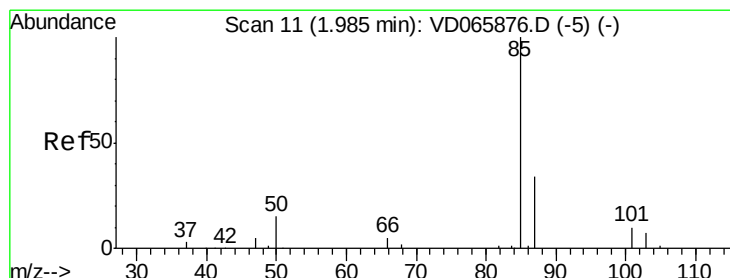
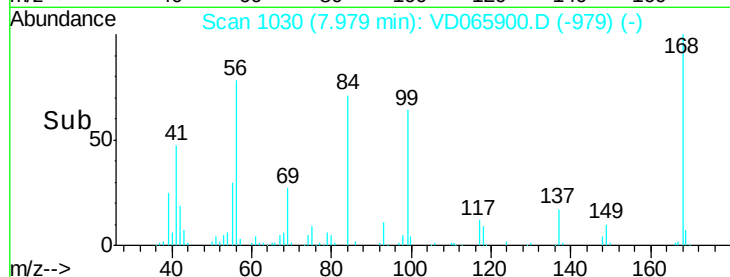
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.875 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065900.D

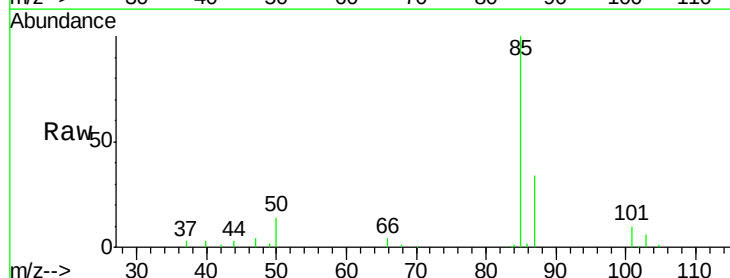
Acq: 01 Jul 2020 11:00

Tgt Ion: 85 Resp: 65473

Ion Ratio Lower Upper

85 100

87 34.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

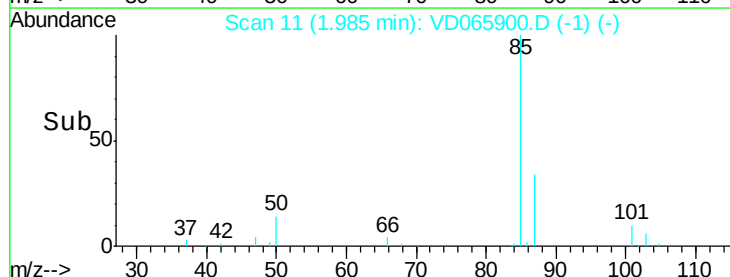
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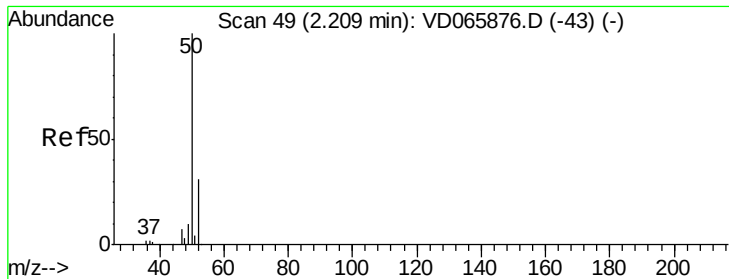
20000

10000

0

Time-->





#3

Chloromethane

Concen: 43.401 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

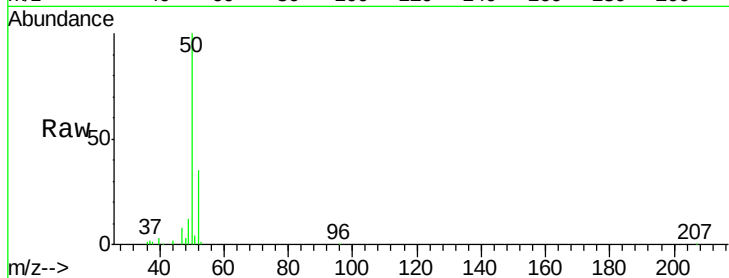
VSTDCCC050

Tot Ion: 50 Resp: 96617

Ion Ratio Lower Upper

50 100

52 34.6 24.7 37.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

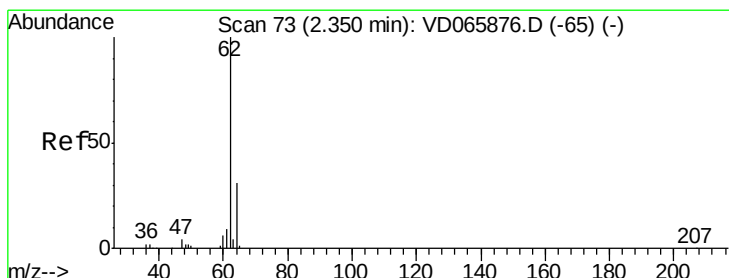
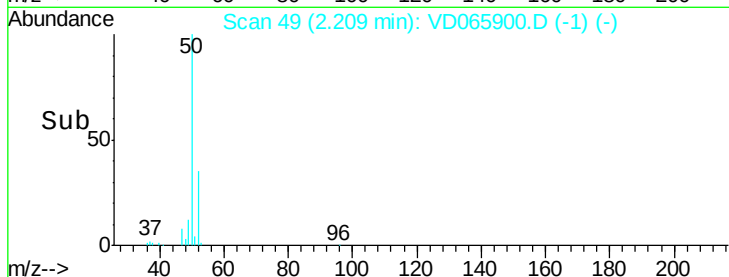
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40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 42.413 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065900.D

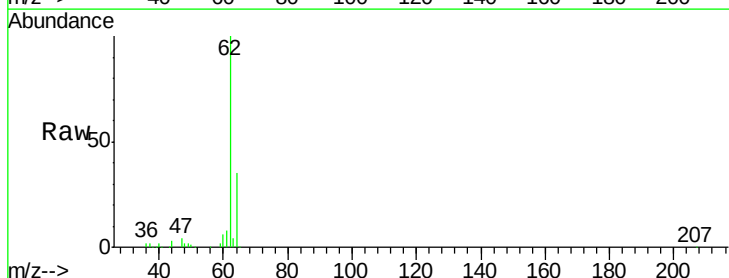
Acq: 01 Jul 2020 11:00

Tgt Ion: 62 Resp: 104736

Ion Ratio Lower Upper

62 100

64 34.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

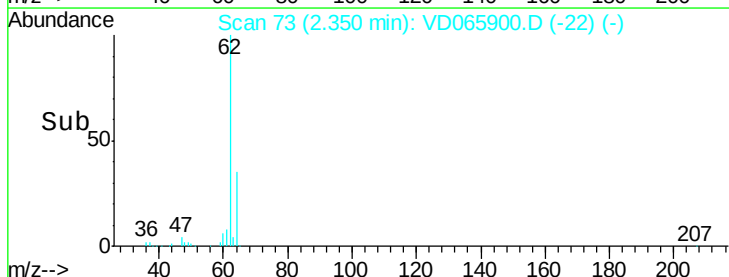
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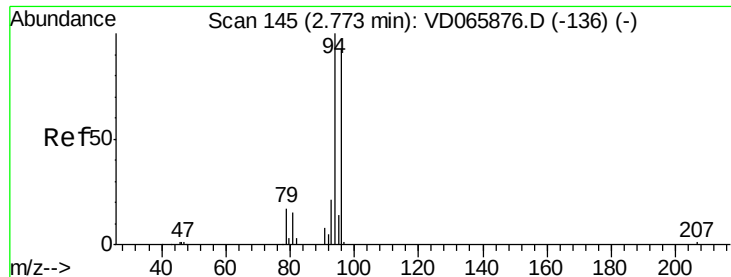
40000

20000

0

Time-->





#5

Bromomethane

Concen: 42.020 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

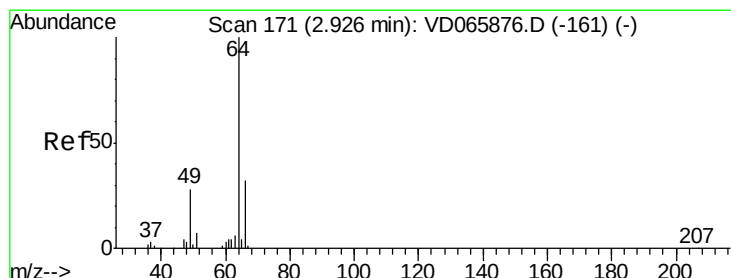
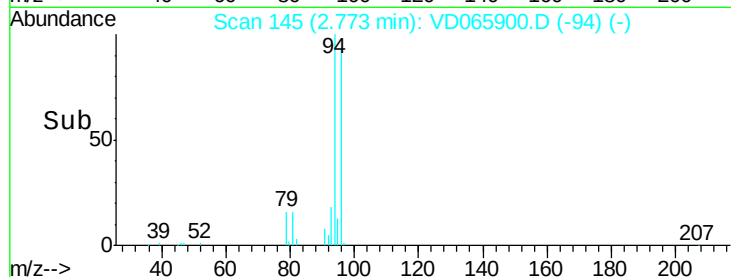
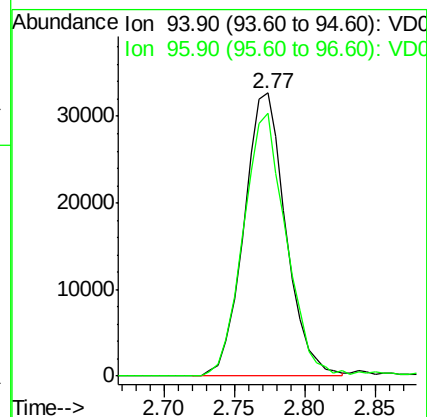
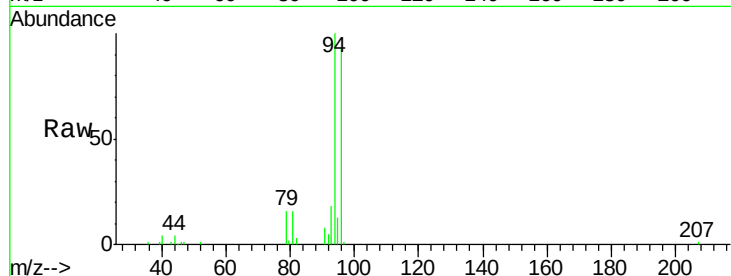
VSTDCCC050

Tot Ion: 94 Resp: 67869

Ion Ratio Lower Upper

94 100

96 92.8 74.1 111.1



#6

Chloroethane

Concen: 43.453 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065900.D

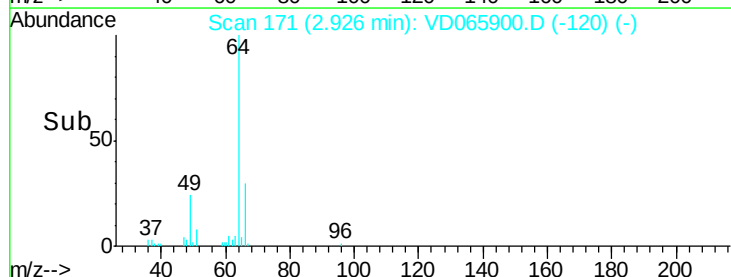
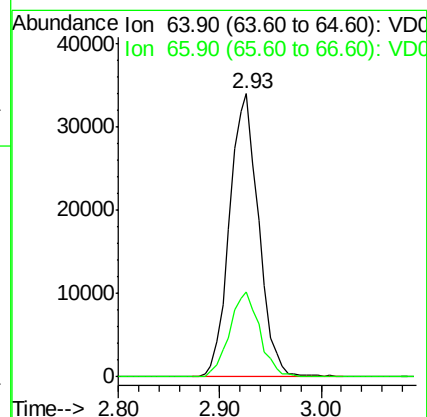
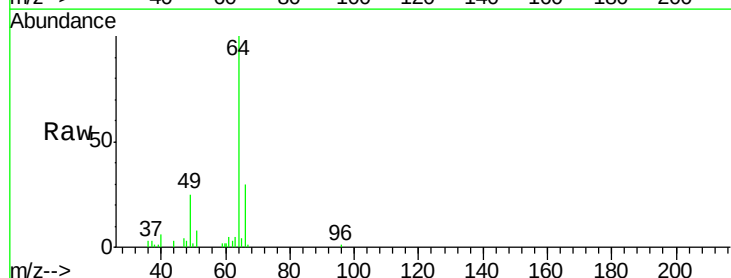
Acq: 01 Jul 2020 11:00

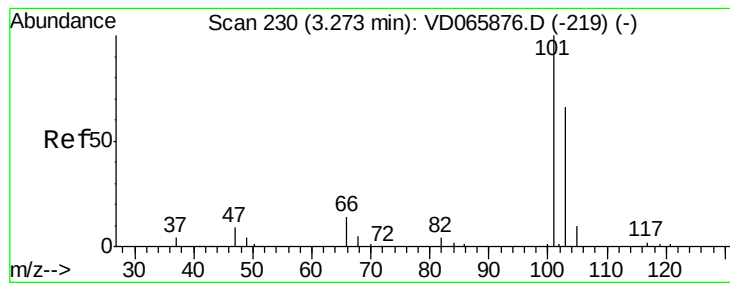
Tgt Ion: 64 Resp: 67665

Ion Ratio Lower Upper

64 100

66 30.1 25.7 38.5



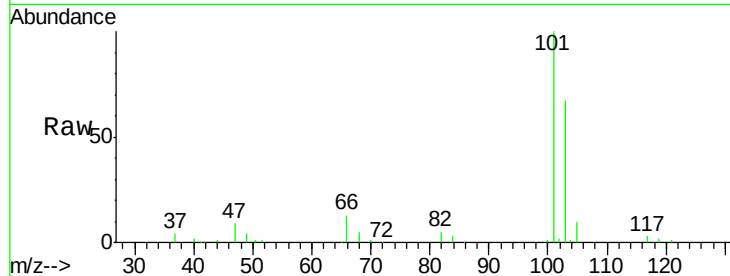


#7

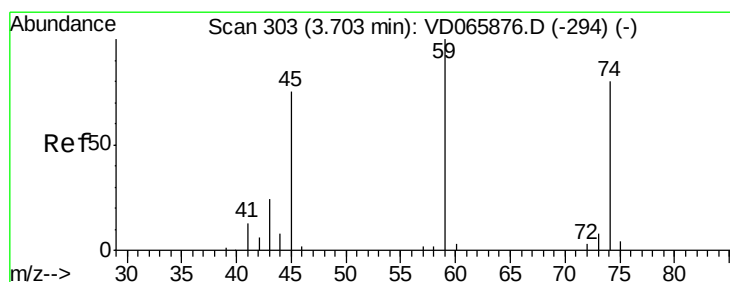
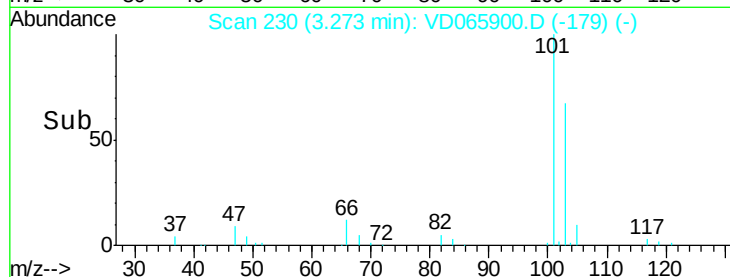
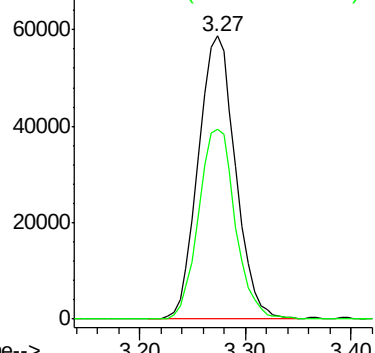
Trichlorofluoromethane
 Concen: 46.189 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 143779
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.9 79.3



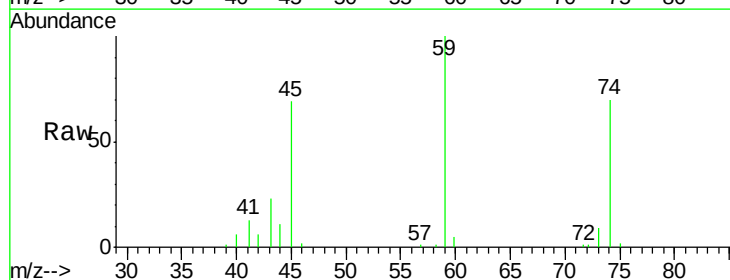
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



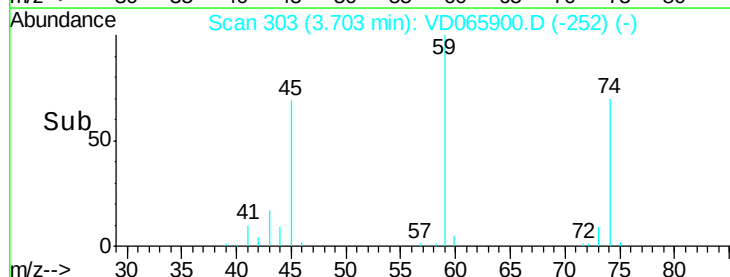
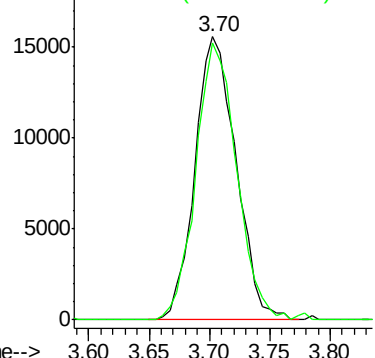
#8

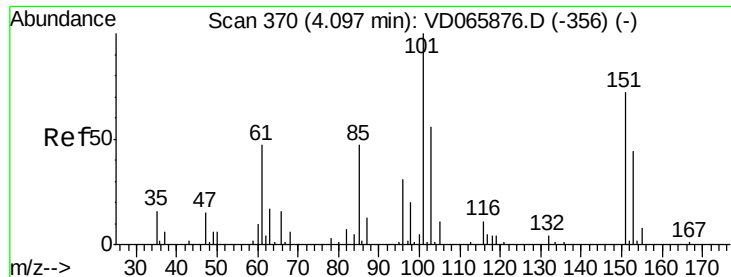
Diethyl Ether
 Concen: 45.163 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion: 74 Resp: 36960
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.350 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

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VSTDCCC050

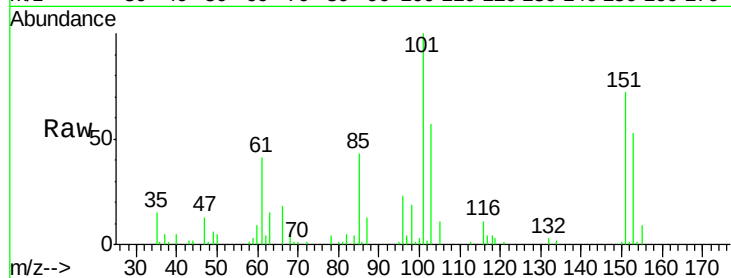
Tot Ion:101 Resp: 81306

Ion Ratio Lower Upper

101 100

85 45.0 38.6 58.0

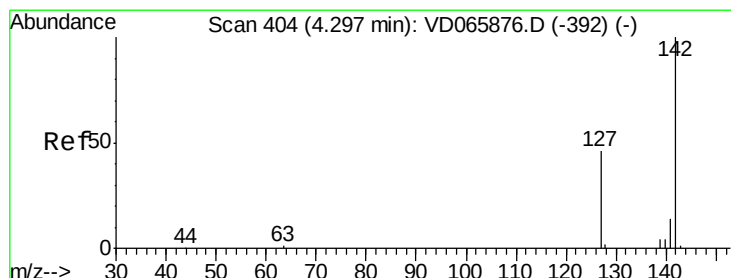
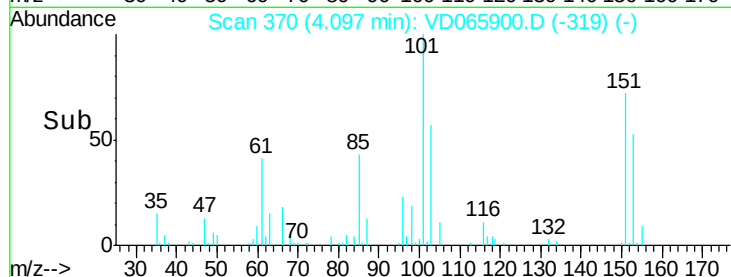
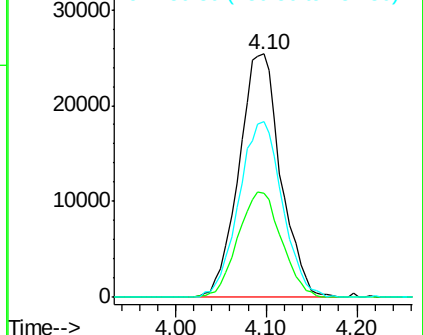
151 75.2 60.7 91.1



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: 44.398 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

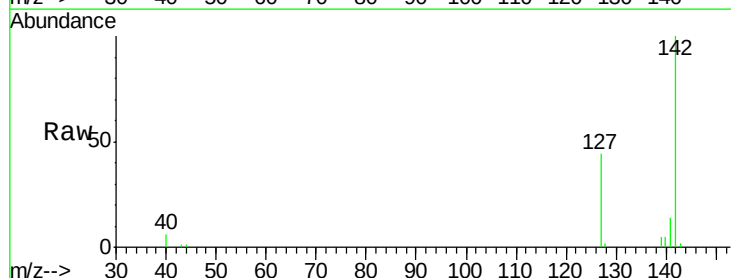
Tgt Ion:142 Resp: 80764

Ion Ratio Lower Upper

142 100

127 48.0 39.0 58.6

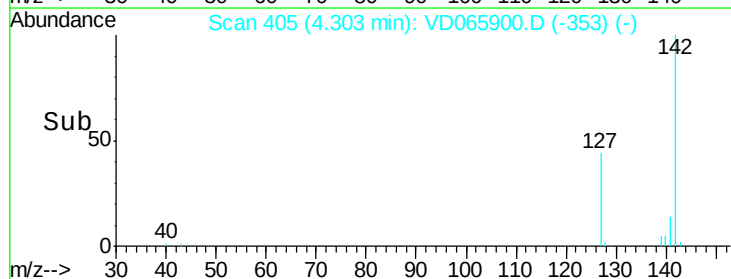
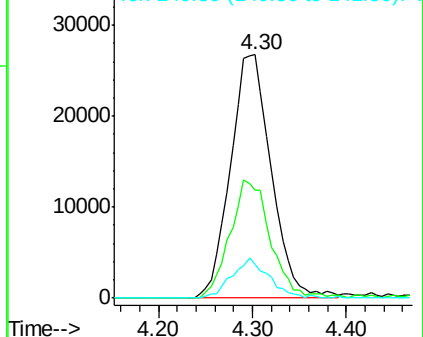
141 14.6 11.5 17.3

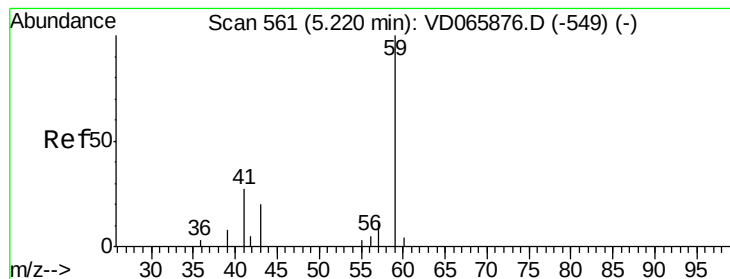


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 272.855 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

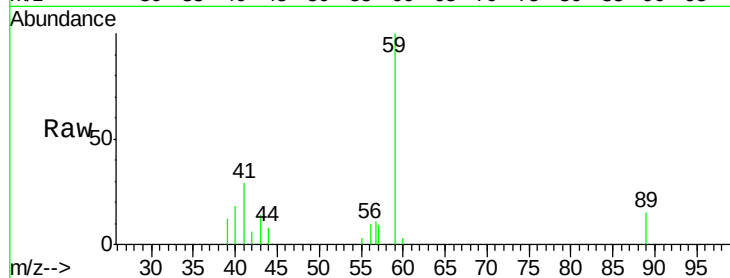
VSTDCCC050

Tot Ion: 59 Resp: 23668

Ion Ratio Lower Upper

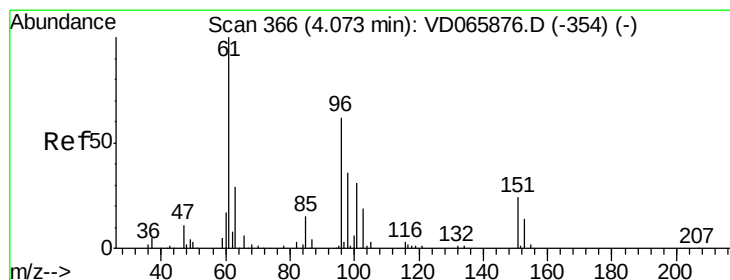
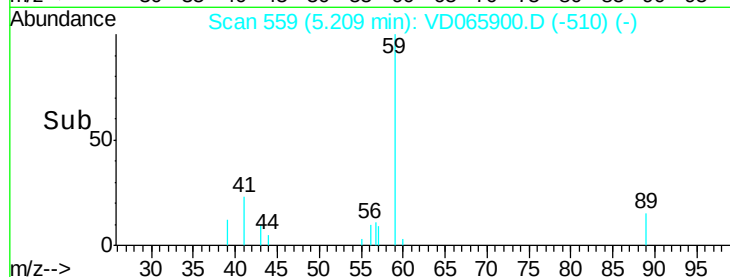
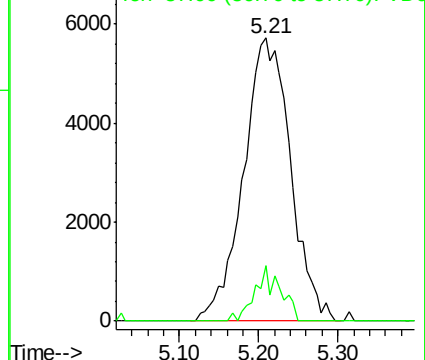
59 100

57 10.5 9.7 14.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.027 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

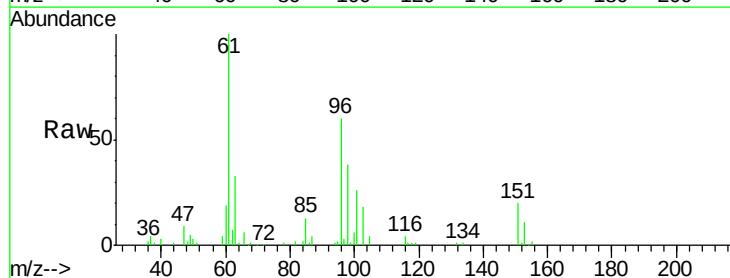
Tgt Ion: 96 Resp: 75257

Ion Ratio Lower Upper

96 100

61 166.1 128.3 192.5

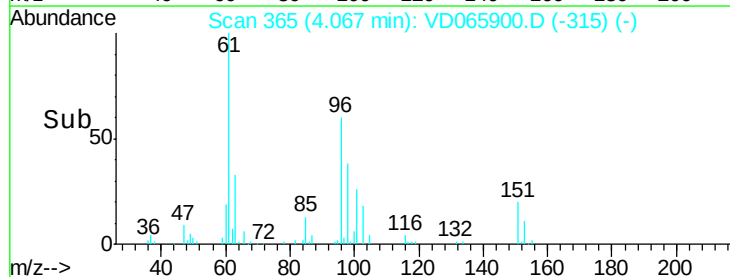
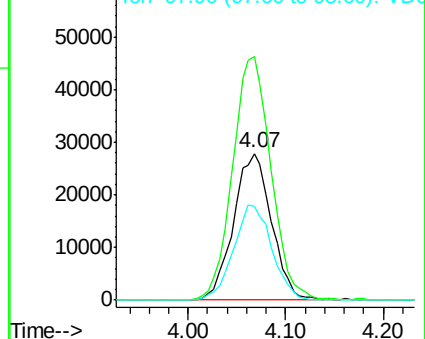
98 63.7 46.2 69.2

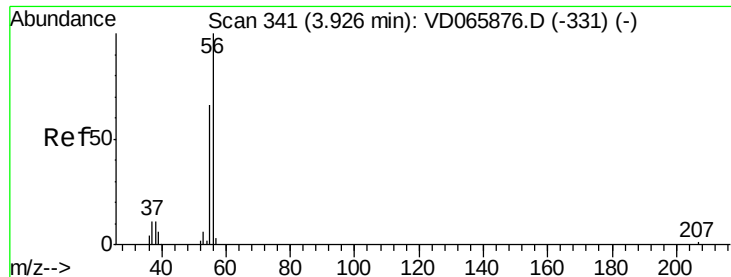


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 216.815 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

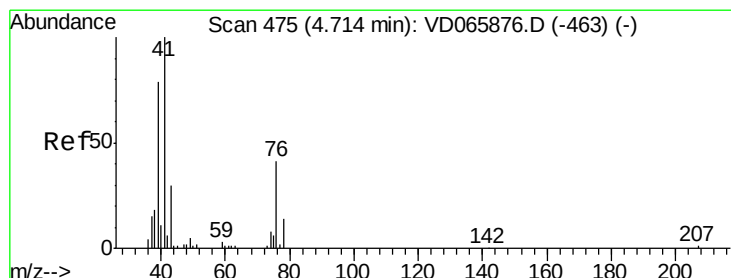
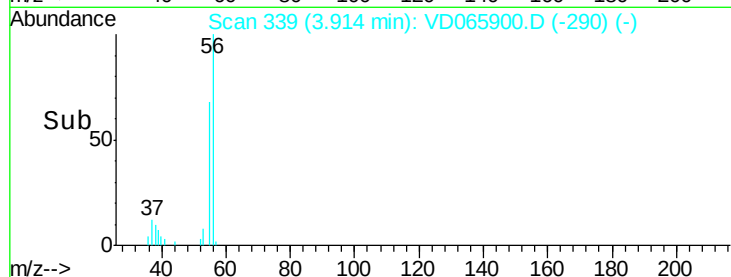
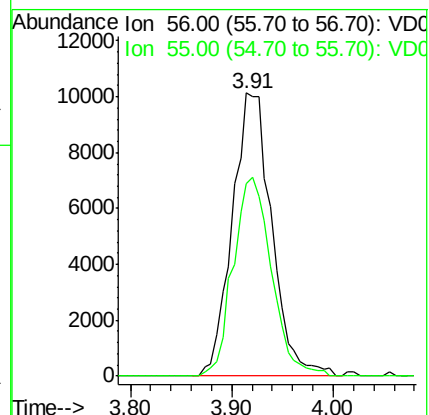
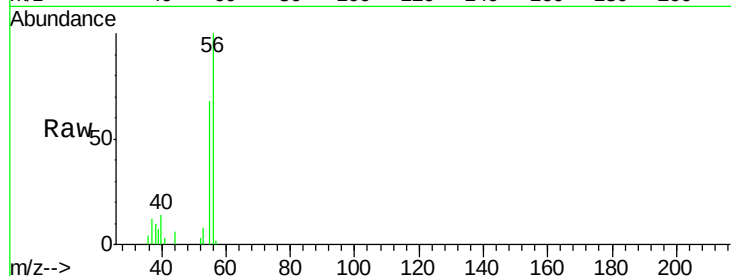
VSTDCCC050

Tot Ion: 56 Resp: 27423

Ion Ratio Lower Upper

56 100

55 68.1 58.1 87.1



#14

Allyl chloride

Concen: 47.381 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

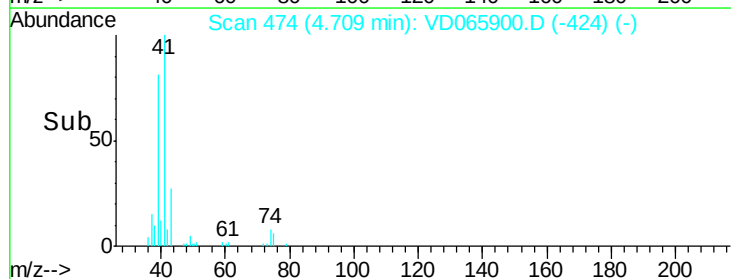
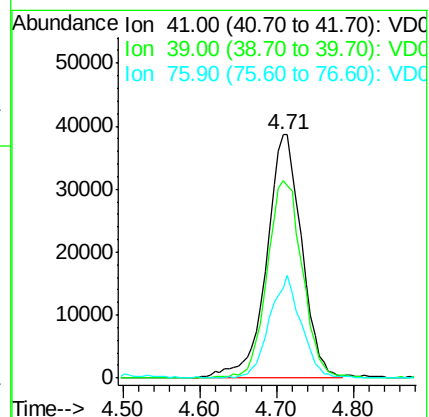
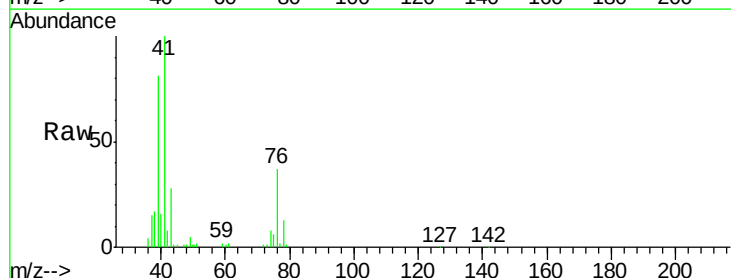
Tgt Ion: 41 Resp: 122203

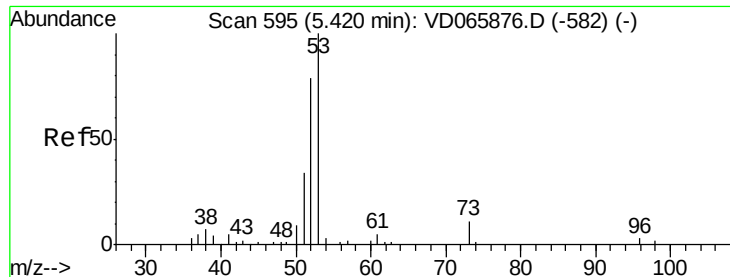
Ion Ratio Lower Upper

41 100

39 81.5 63.8 95.8

76 38.3 32.2 48.4





#15

Acrylonitrile

Concen: 229.120 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

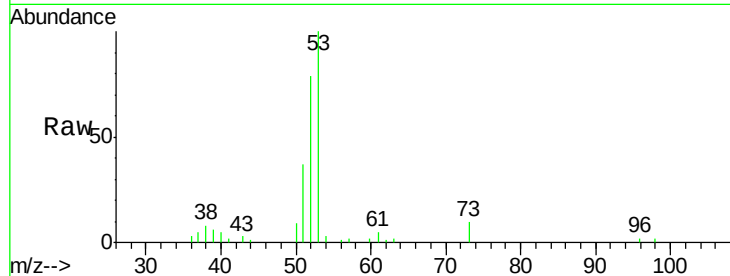
Tot Ion: 53 Resp: 79706

Ion Ratio Lower Upper

53 100

52 80.7 66.3 99.5

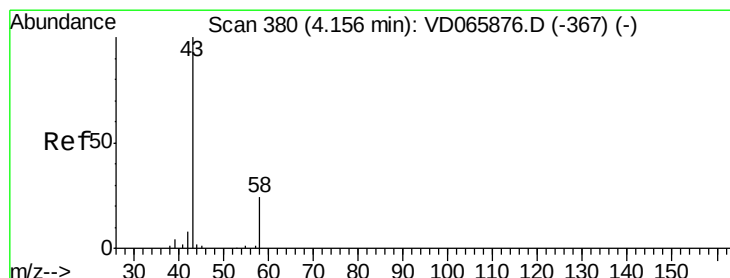
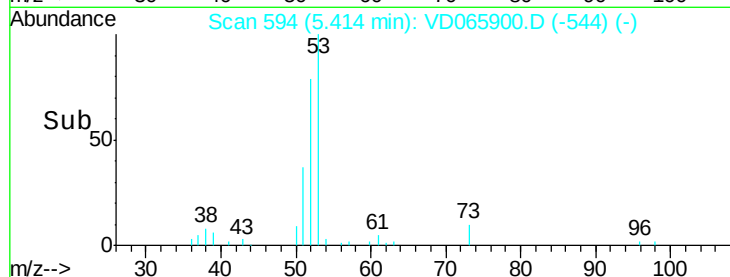
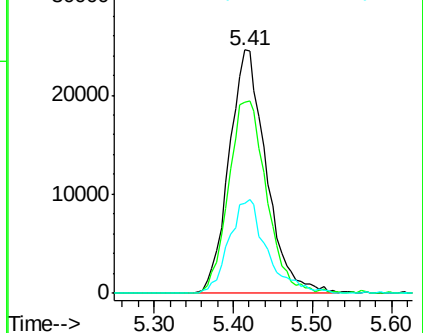
51 38.9 29.9 44.9



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: 299.346 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065900.D

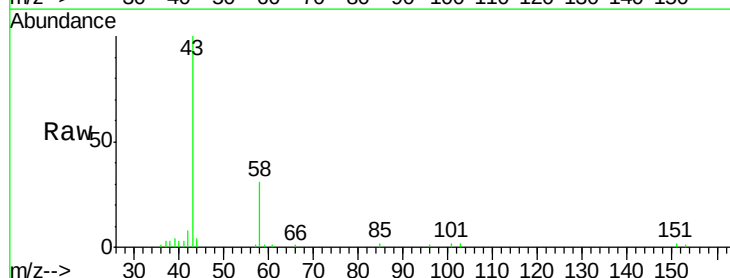
Acq: 01 Jul 2020 11:00

Tgt Ion: 43 Resp: 102071

Ion Ratio Lower Upper

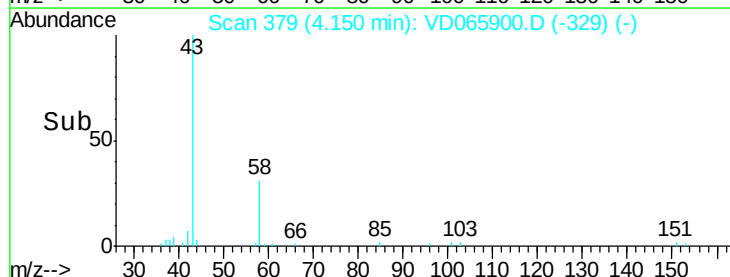
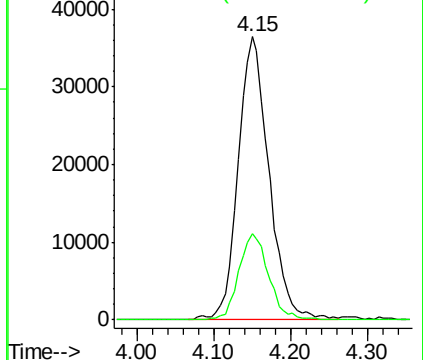
43 100

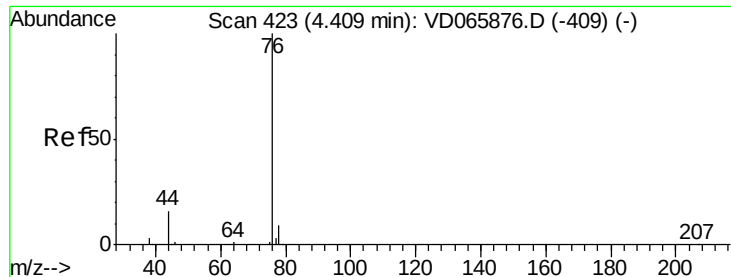
58 30.6 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 44.916 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

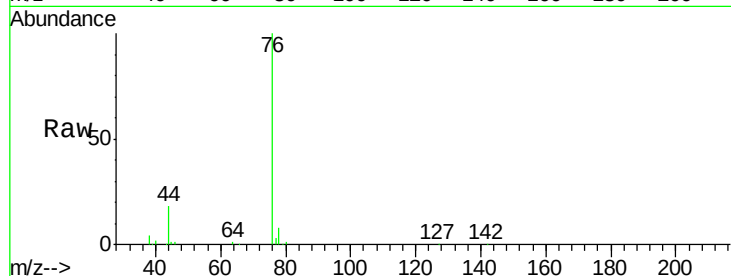
VSTDCCC050

Tot Ion: 76 Resp: 248113

Ion Ratio Lower Upper

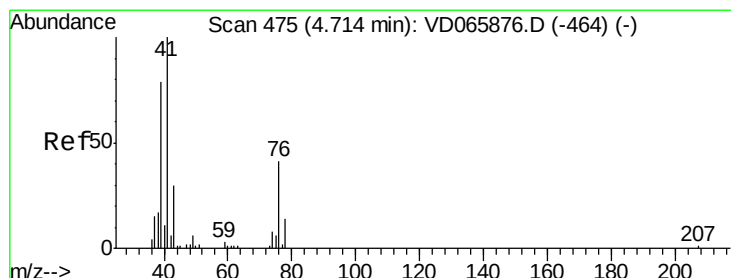
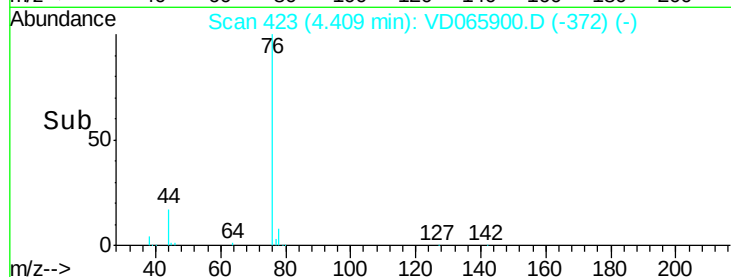
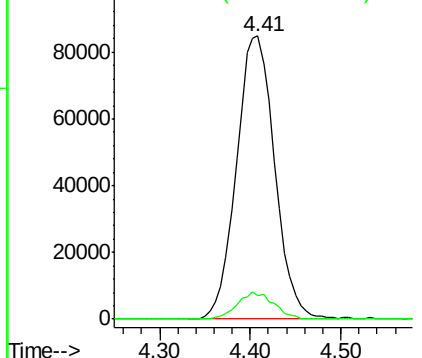
76 100

78 8.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.515 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065900.D

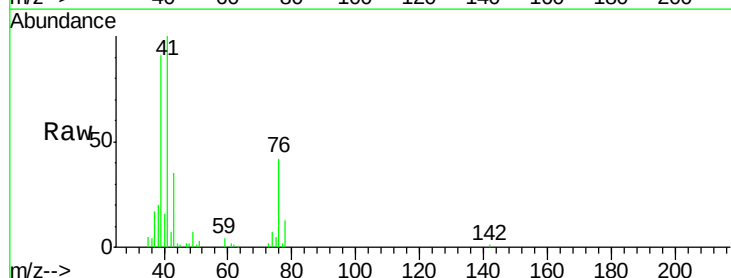
Acq: 01 Jul 2020 11:00

Tgt Ion: 43 Resp: 35925

Ion Ratio Lower Upper

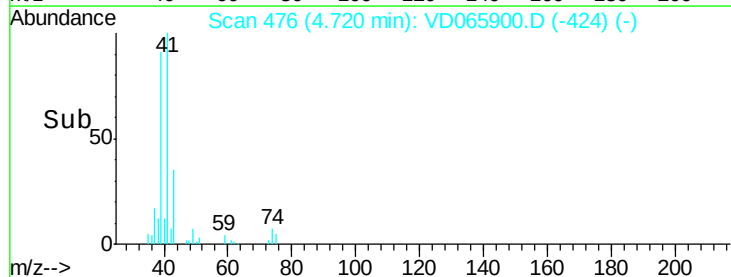
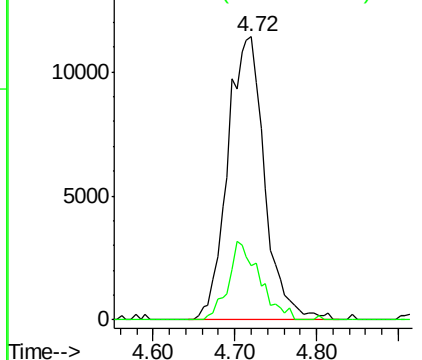
43 100

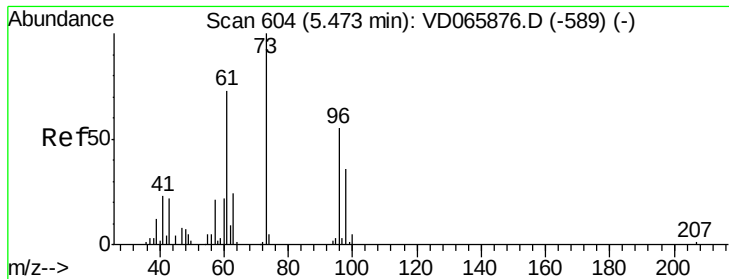
74 23.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

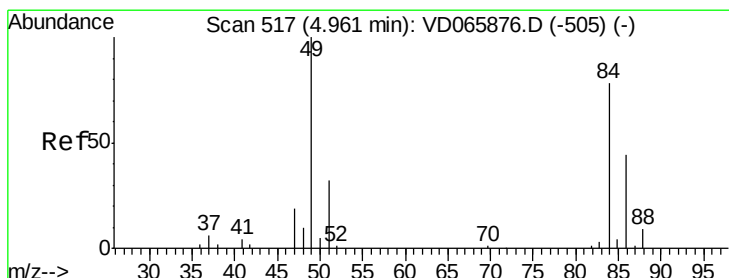
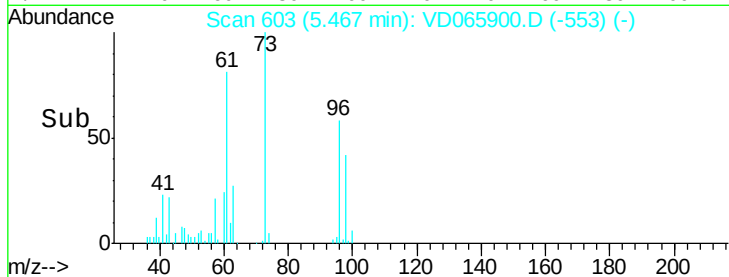
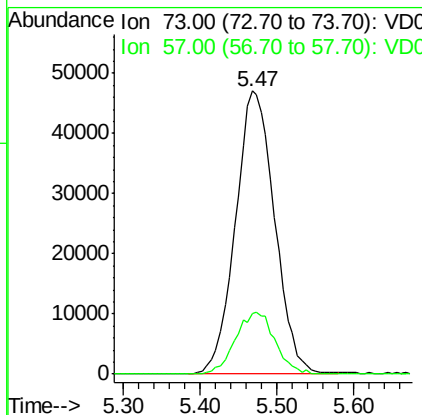
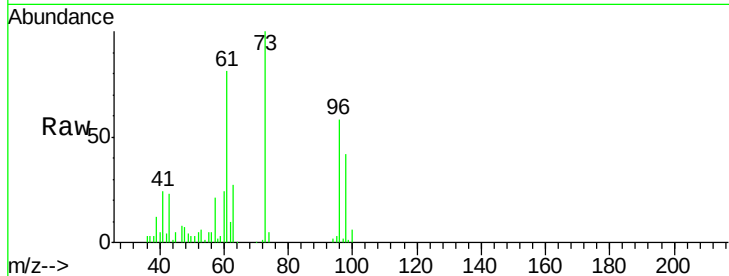




#19
Methyl tert-butyl Ether
Concen: 46.774 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

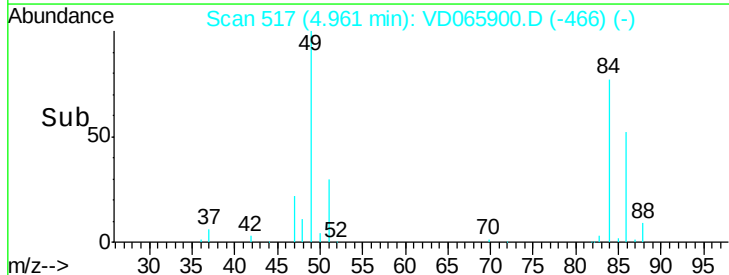
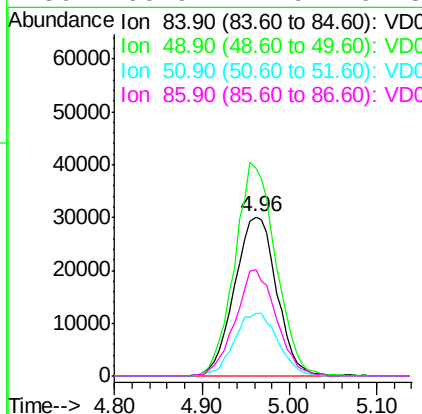
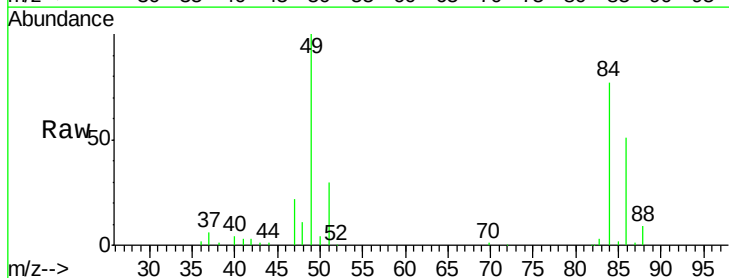
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

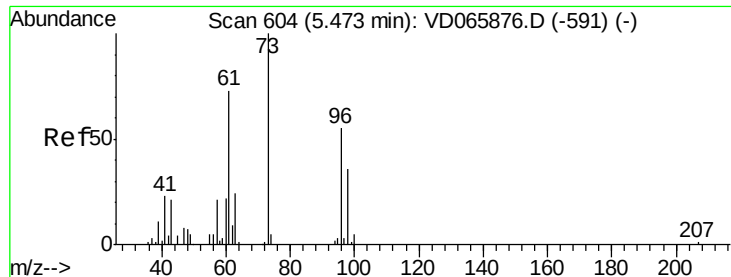
Tot Ion: 73 Resp: 167702
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4



#20
Methylene Chloride
Concen: 56.183 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 84 Resp: 98737
Ion Ratio Lower Upper
84 100
49 130.4 103.0 154.6
51 39.2 32.7 49.1
86 66.9 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 45.916 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

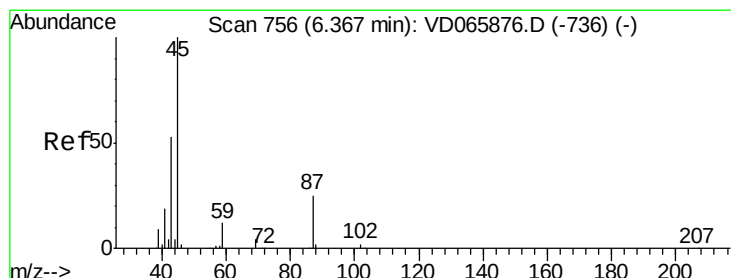
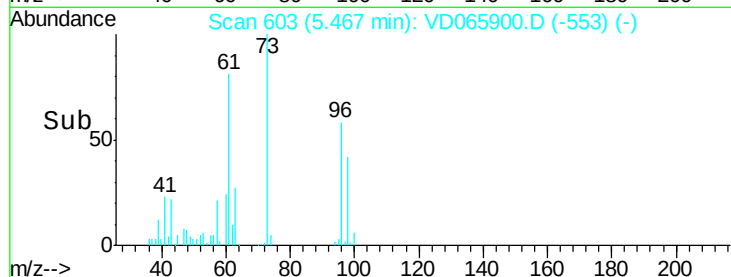
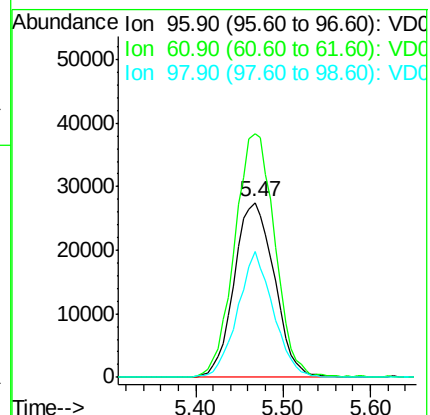
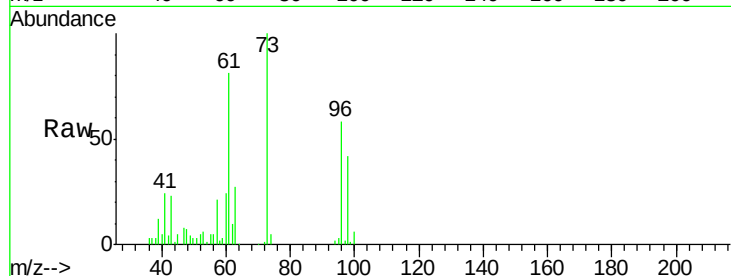
Tot Ion: 96 Resp: 85968

Ion Ratio Lower Upper

96 100

61 139.3 107.0 160.4

98 72.1 52.2 78.2



#22

Diisopropyl ether

Concen: 46.974 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Tgt Ion: 45 Resp: 252679

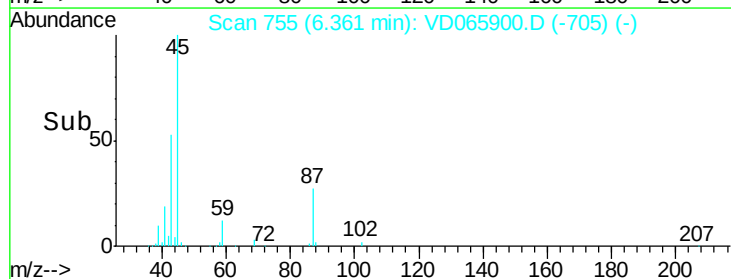
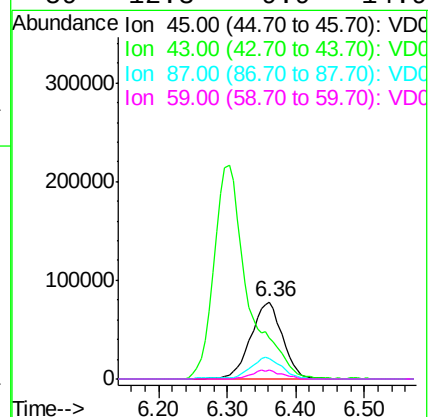
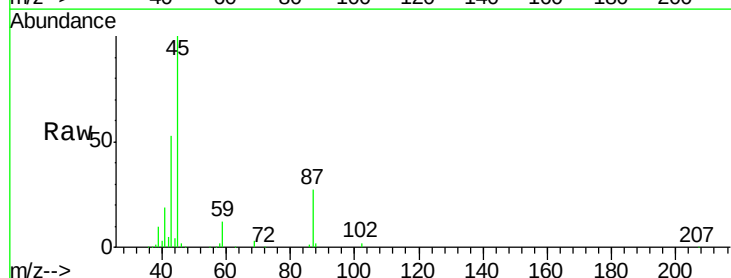
Ion Ratio Lower Upper

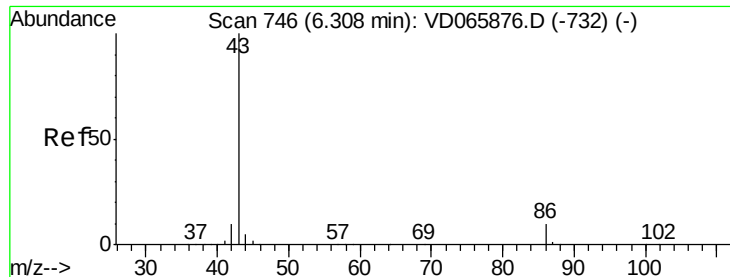
45 100

43 52.6 43.4 65.0

87 27.0 19.8 29.8

59 12.3 9.9 14.9





#23

Vinyl Acetate

Concen: 237.210 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

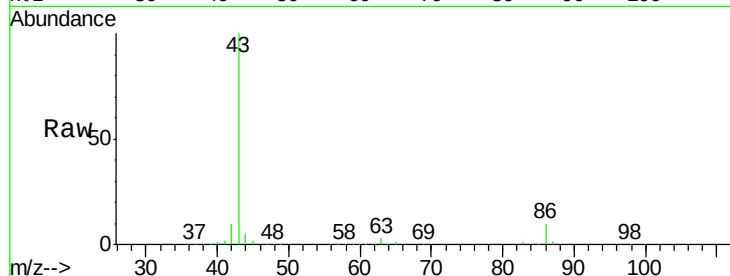
VSTDCCC050

Tot Ion: 43 Resp: 737463

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

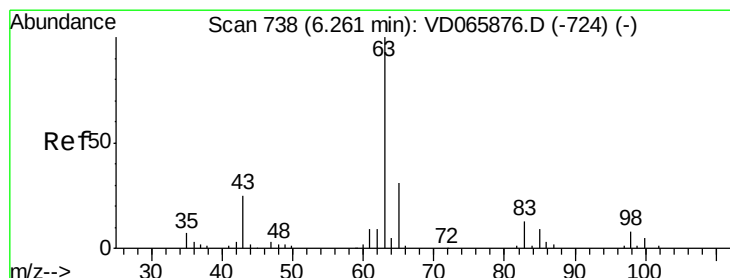
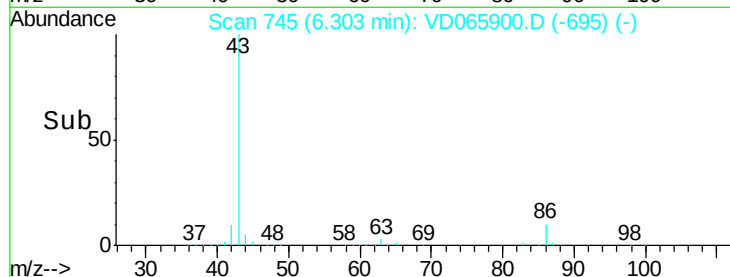
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 46.567 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

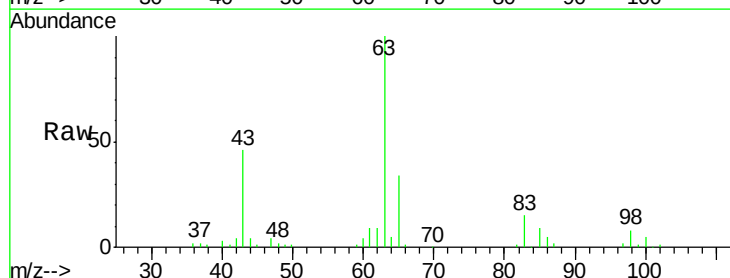
Tgt Ion: 63 Resp: 149436

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.0 2.4 7.2



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

60000

50000

40000

30000

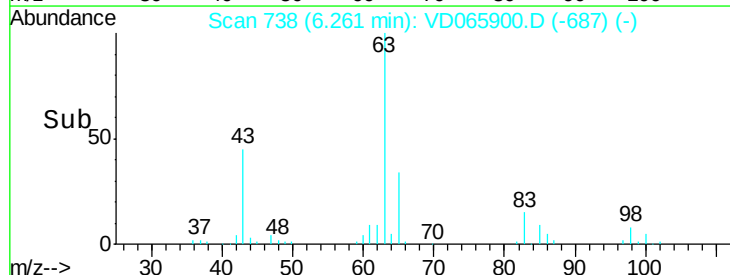
20000

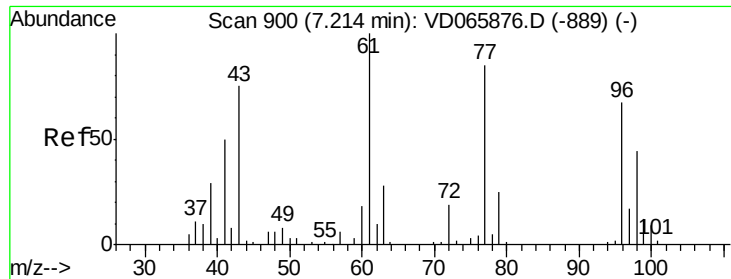
10000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 251.952 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

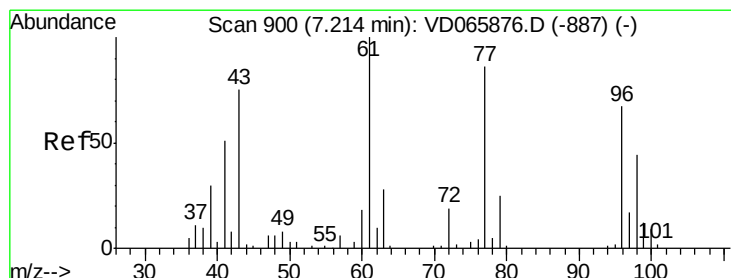
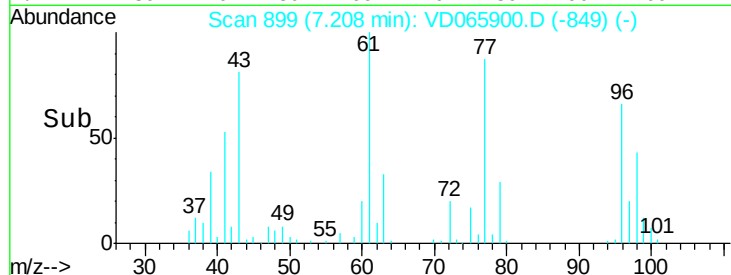
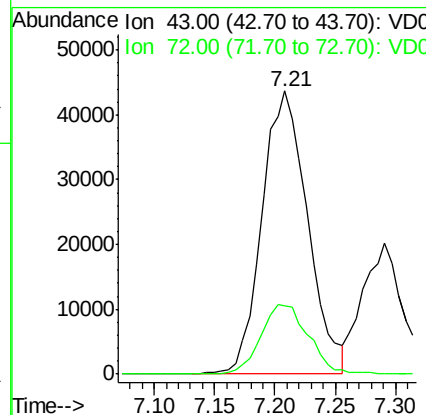
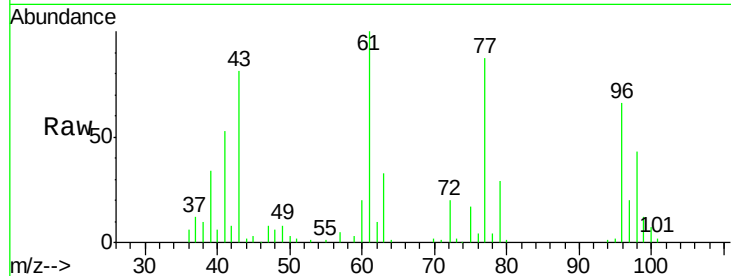
VSTDCCC050

Tot Ion: 43 Resp: 114649

Ion Ratio Lower Upper

43 100

72 24.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 49.009 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065900.D

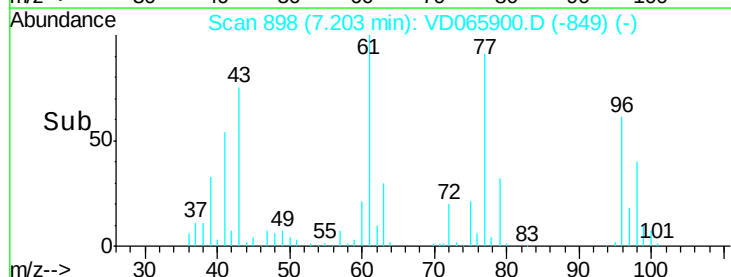
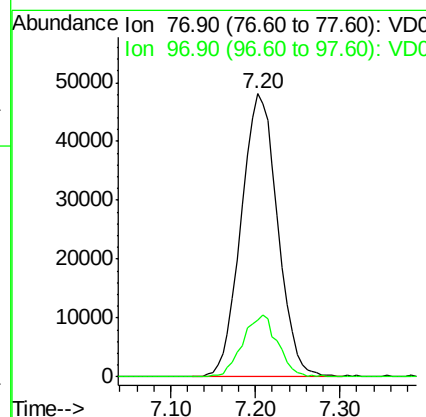
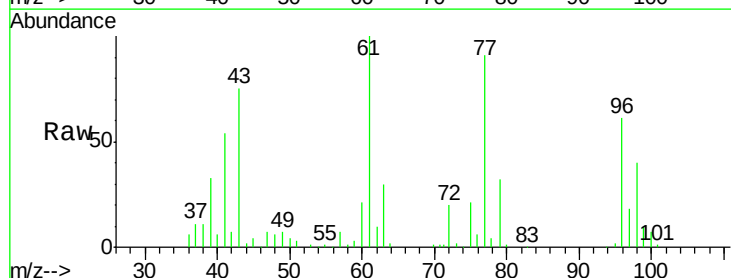
Acq: 01 Jul 2020 11:00

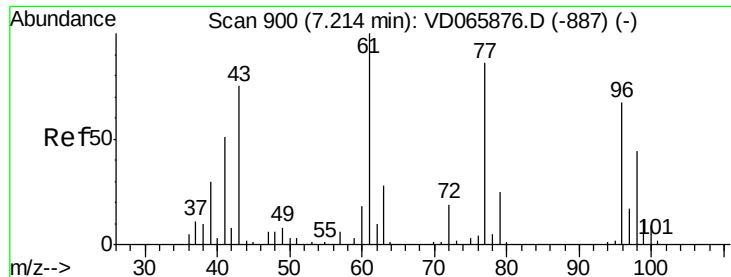
Tgt Ion: 77 Resp: 144327

Ion Ratio Lower Upper

77 100

97 20.8 10.8 32.3



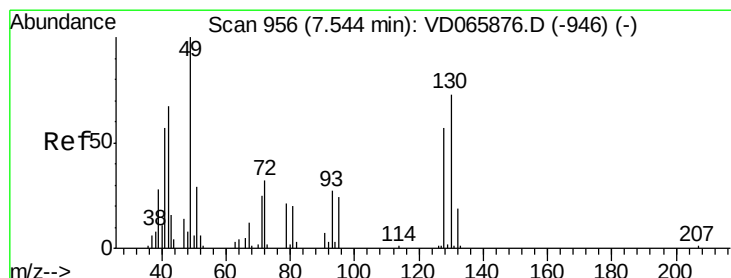
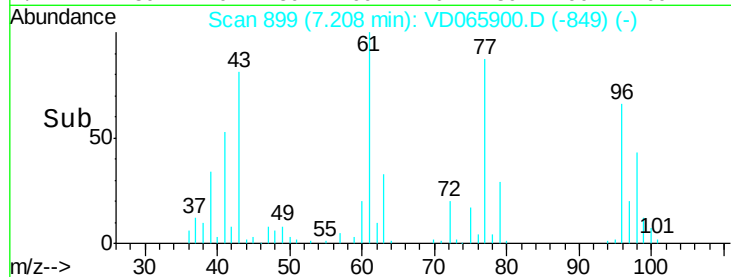
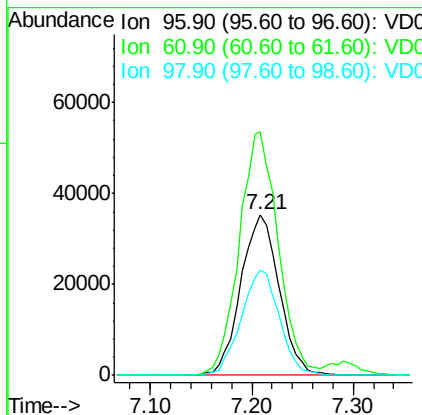
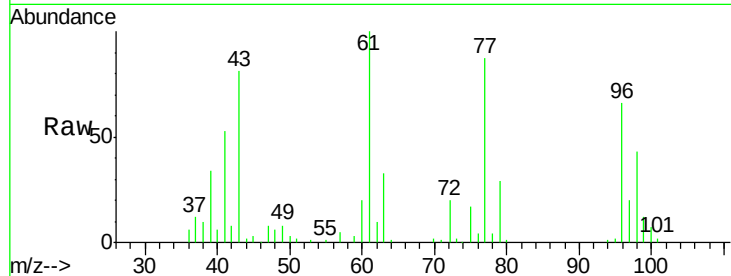


#27

cis-1,2-Dichloroethene
 Concen: 45.050 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

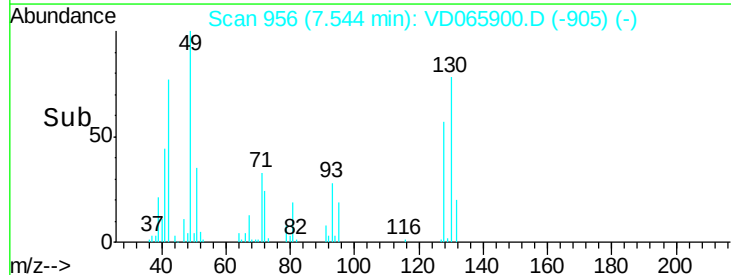
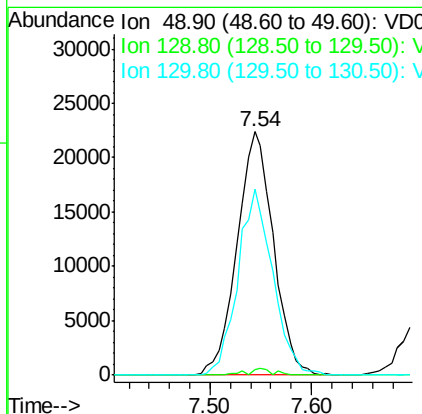
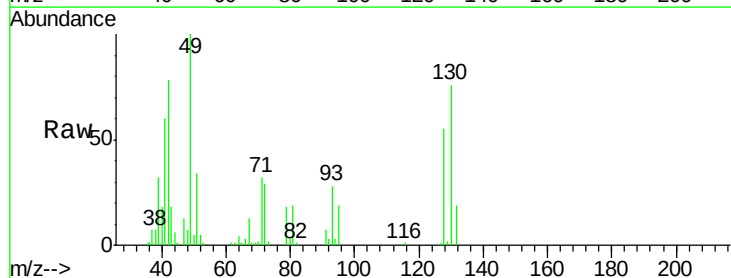
Tot Ion: 96 Resp: 93326
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 297.8
 98 65.3 0.0 129.8

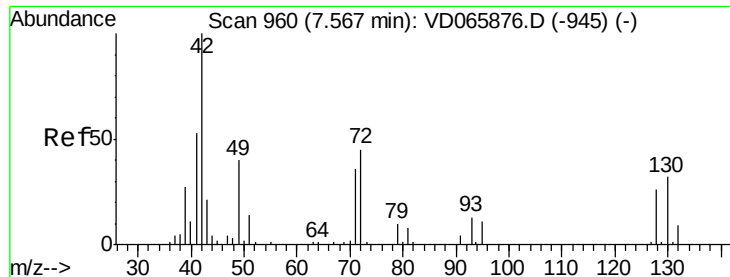


#28

Bromochloromethane
 Concen: 46.052 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion: 49 Resp: 55535
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 73.6 61.0 91.6

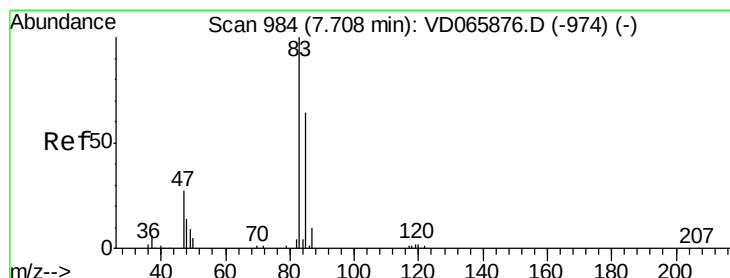
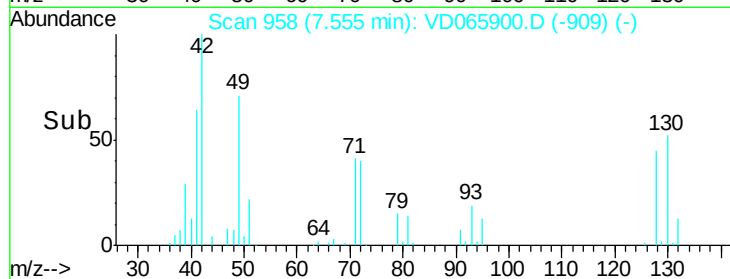
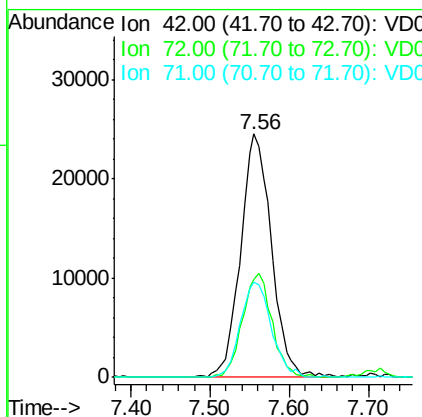
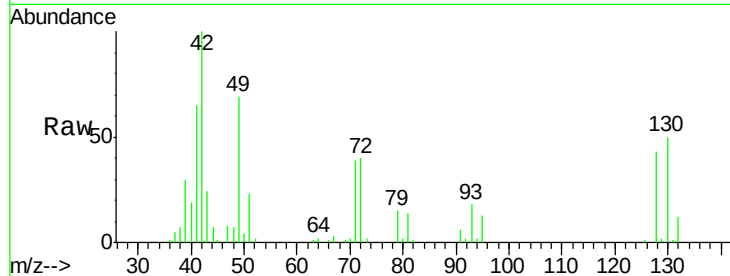




#29
Tetrahydrofuran
Concen: 229.700 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

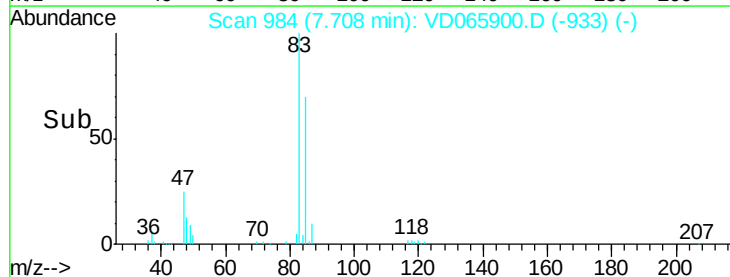
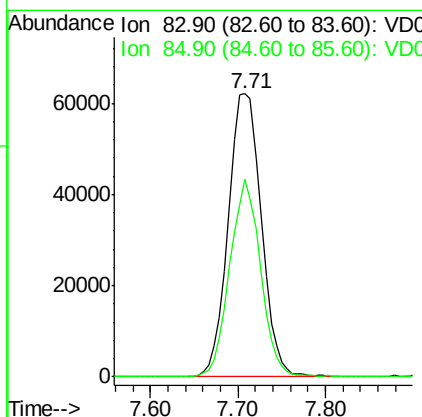
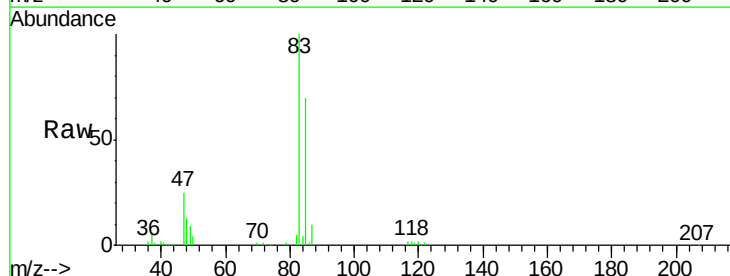
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

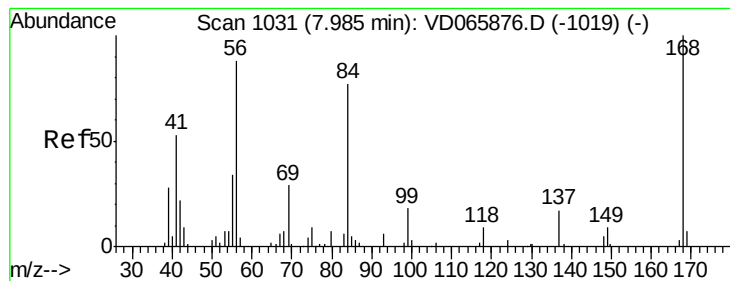
Tot Ion: 42 Resp: 66395
Ion Ratio Lower Upper
42 100
72 40.7 35.3 52.9
71 39.2 32.6 48.8



#30
Chloroform
Concen: 46.644 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 83 Resp: 160266
Ion Ratio Lower Upper
83 100
85 70.0 51.2 76.8





#31

Cyclohexane

Concen: 44.075 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

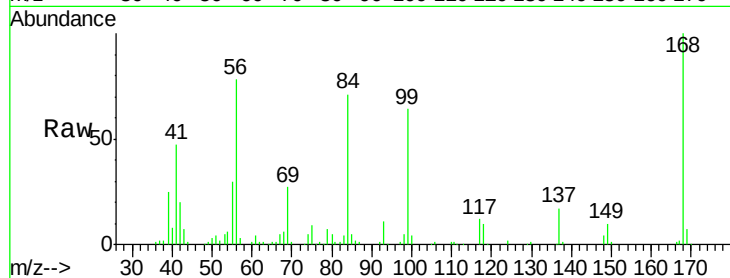
Tot Ion: 56 Resp: 137406

Ion Ratio Lower Upper

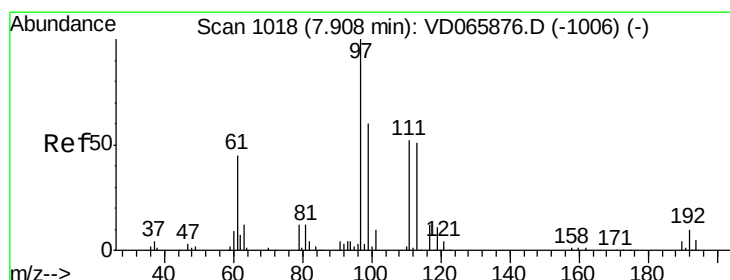
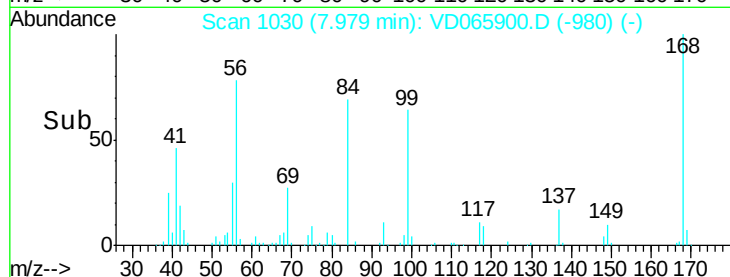
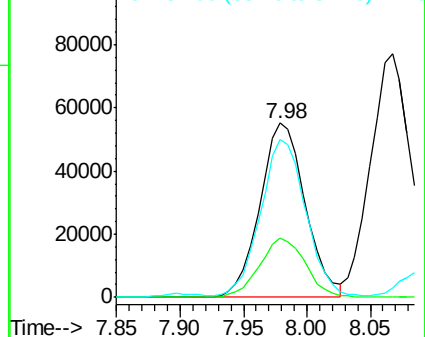
56 100

69 34.1 26.2 39.4

84 88.5 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 47.236 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

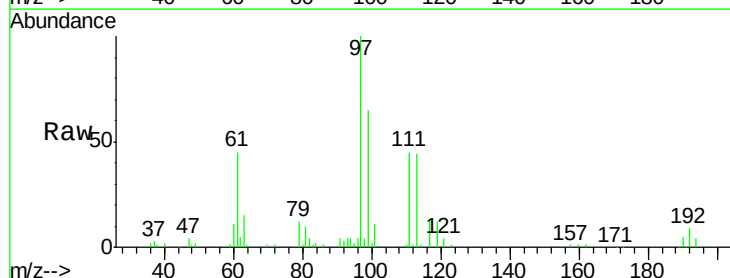
Tgt Ion: 97 Resp: 148929

Ion Ratio Lower Upper

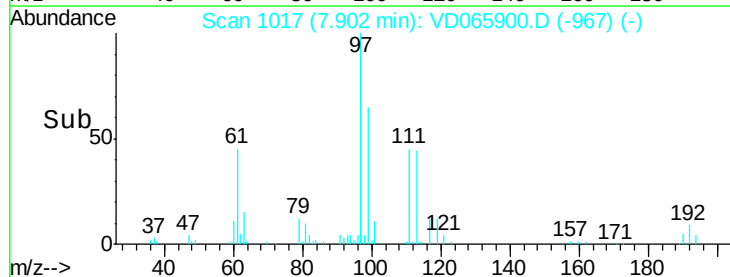
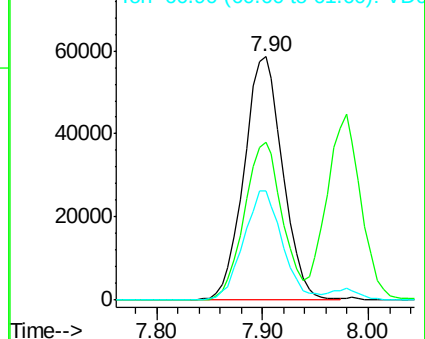
97 100

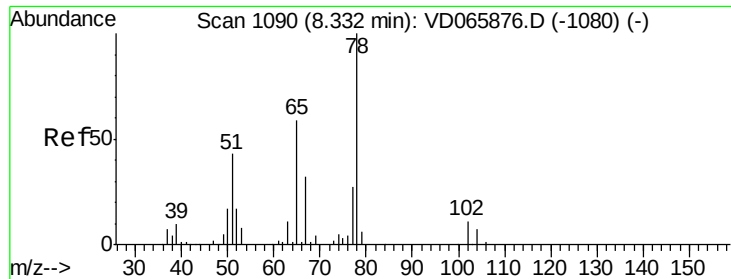
99 63.8 50.2 75.4

61 45.3 36.0 54.0



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

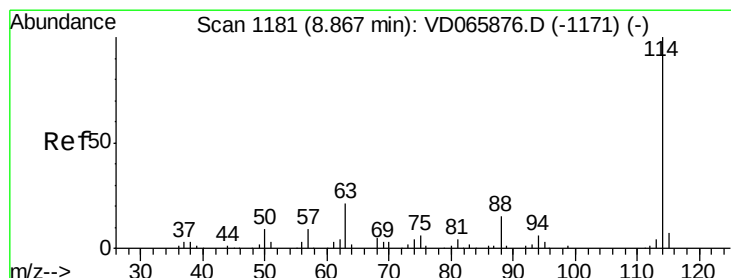
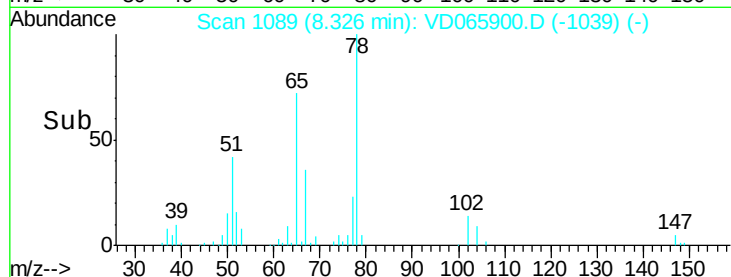
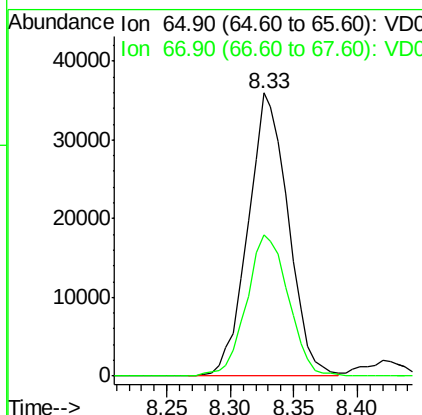
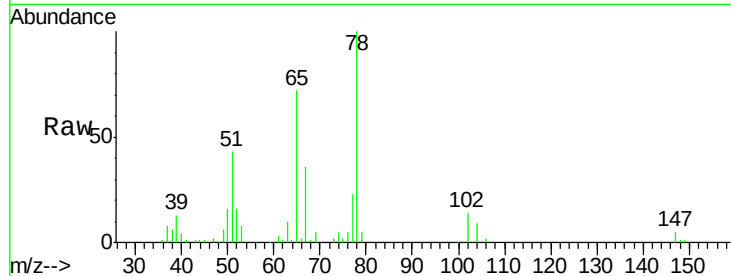




#33
 1,2-Dichloroethane-d4
 Concen: 45.589 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

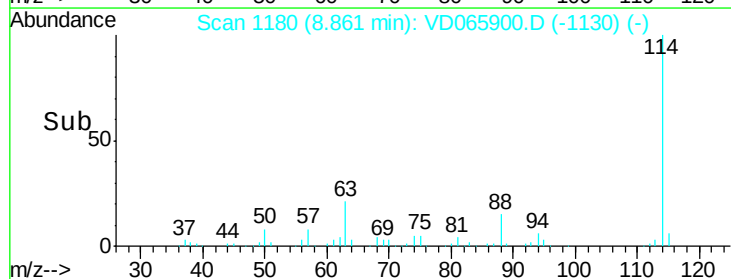
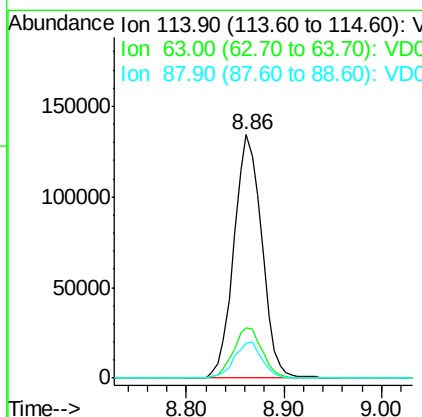
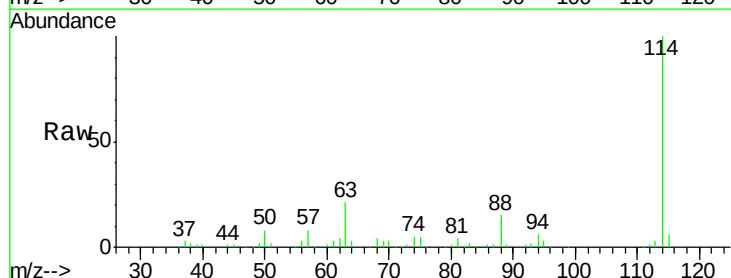
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

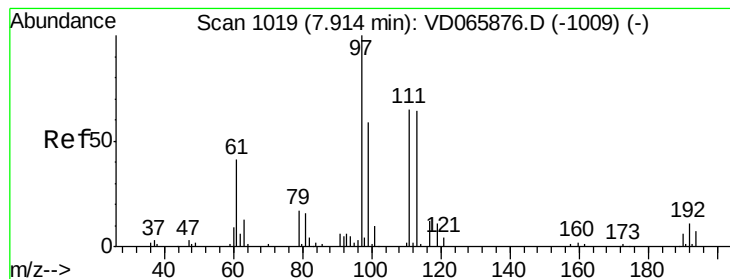
Tot Ion: 65 Resp: 79341
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion: 114 Resp: 267771
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.285 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

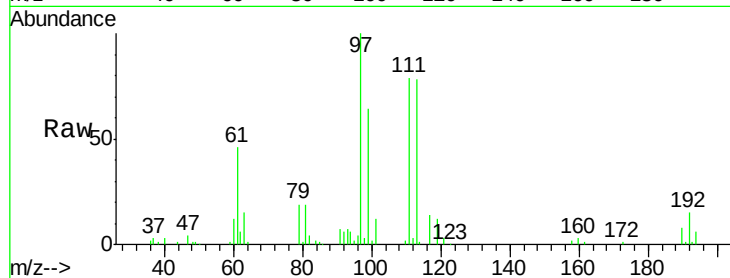
Tot Ion:113 Resp: 78262

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

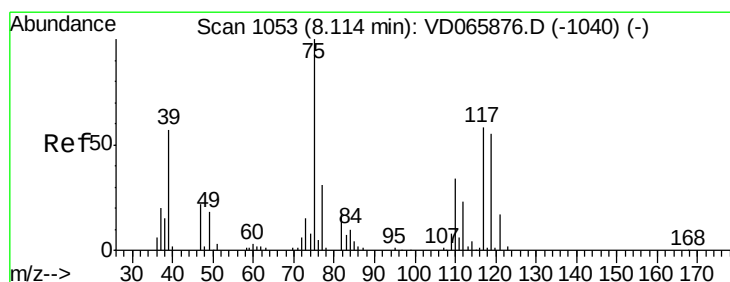
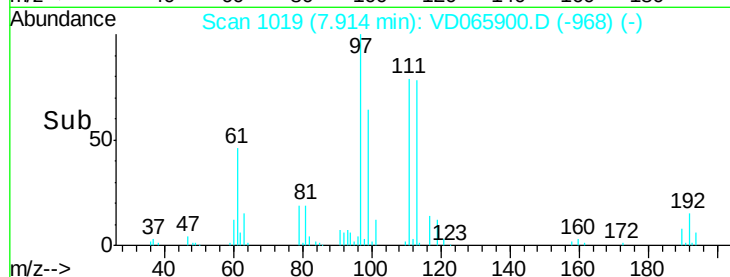
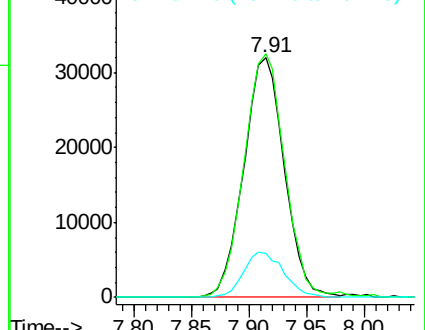
192 18.6 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.026 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

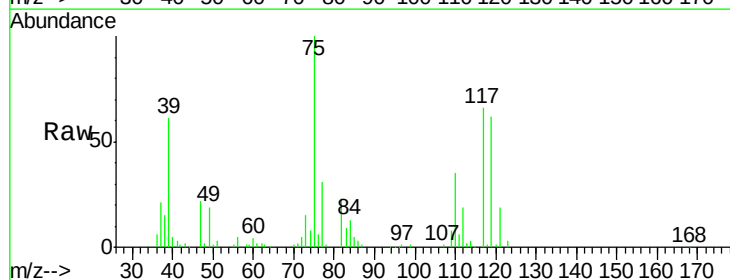
Tgt Ion: 75 Resp: 125401

Ion Ratio Lower Upper

75 100

110 34.1 16.8 50.4

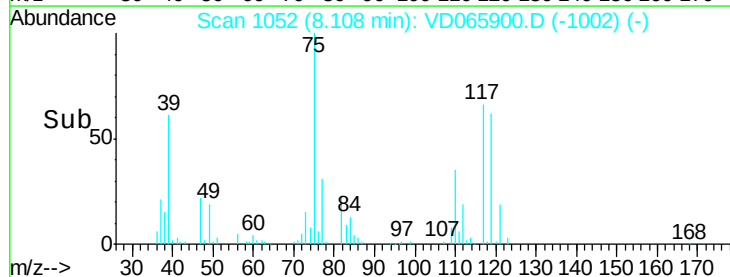
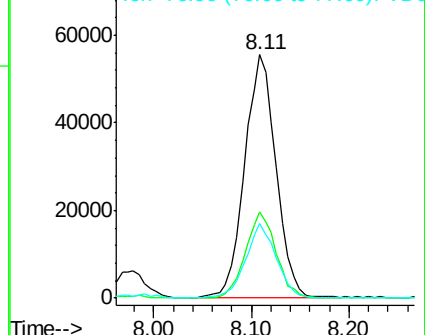
77 29.8 24.0 36.0

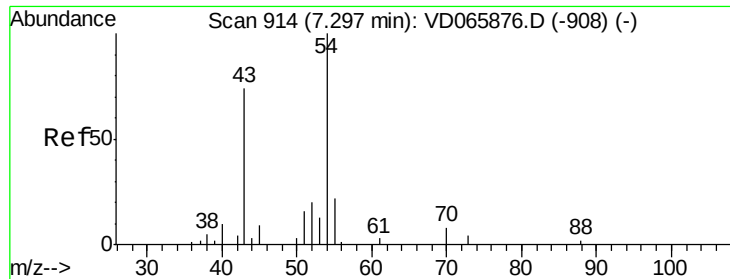


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

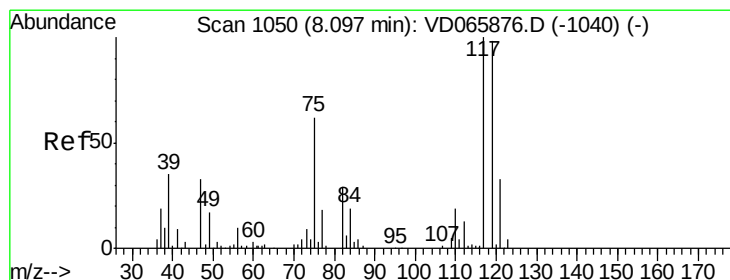
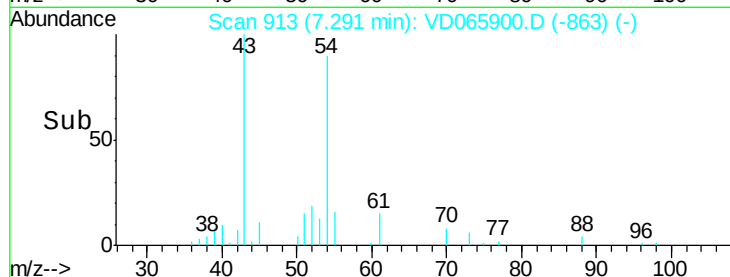
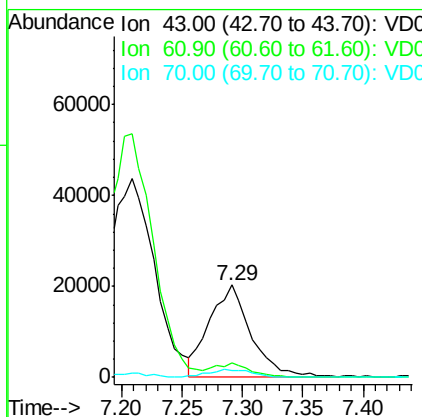
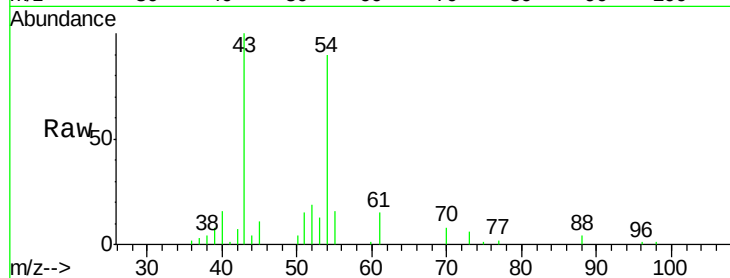




#37
Ethyl Acetate
Concen: 47.850 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

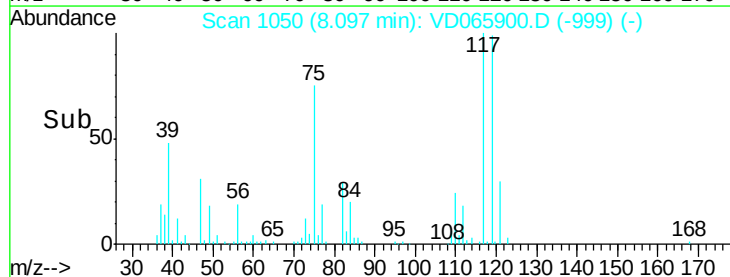
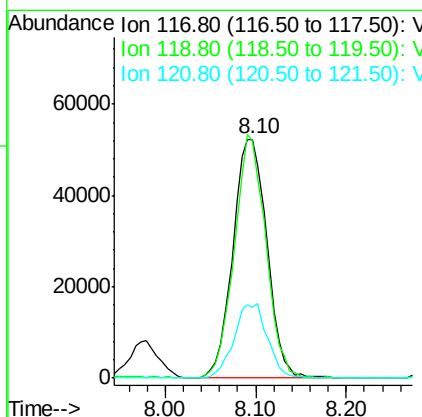
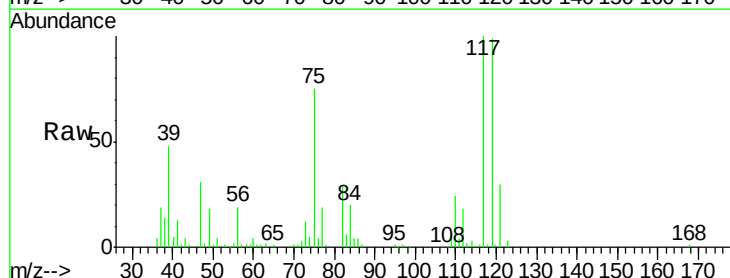
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

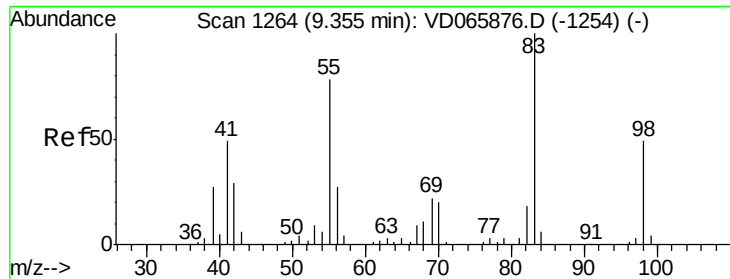
Tot Ion: 43 Resp: 47774
Ion Ratio Lower Upper
43 100
61 13.5 0.0 0.0#
70 9.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.430 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 117 Resp: 136552
Ion Ratio Lower Upper
117 100
119 99.4 78.6 117.8
121 29.7 26.5 39.7

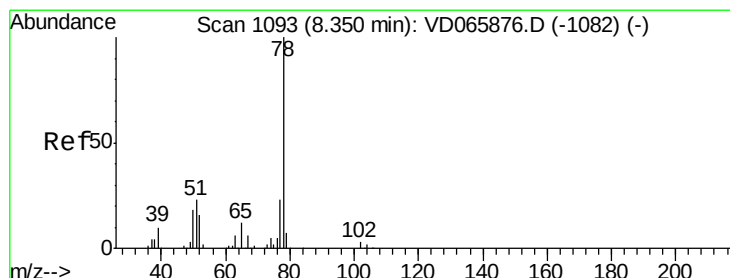
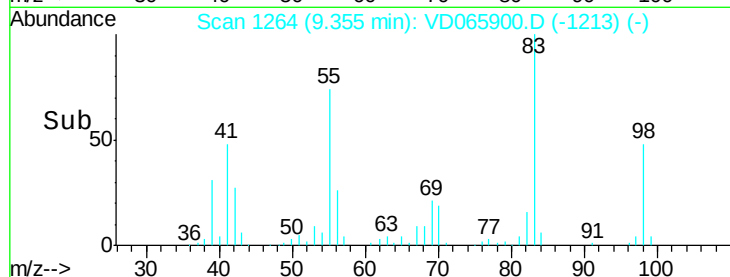
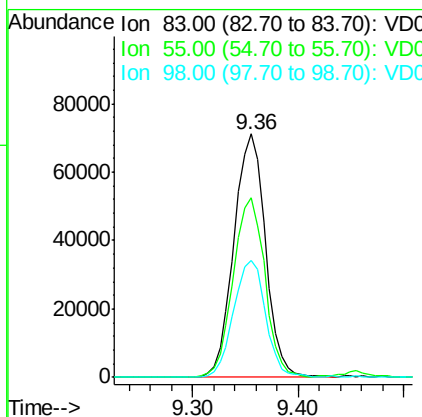
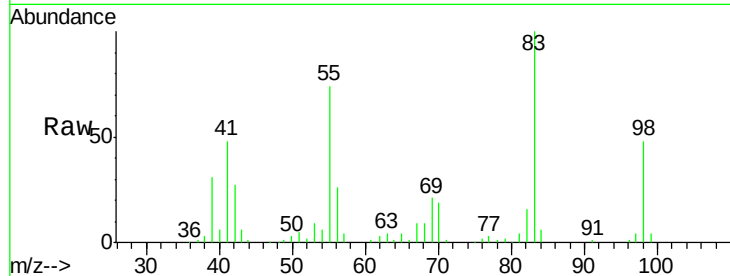




#39
Methylvlcyclohexane
Concen: 47.602 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

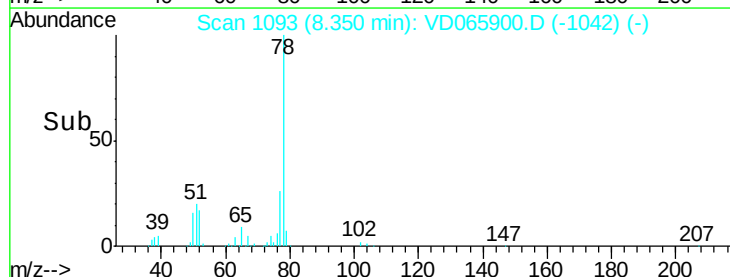
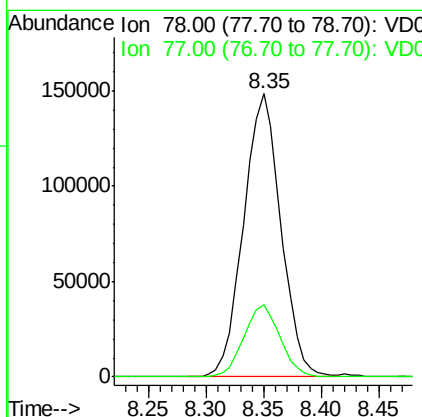
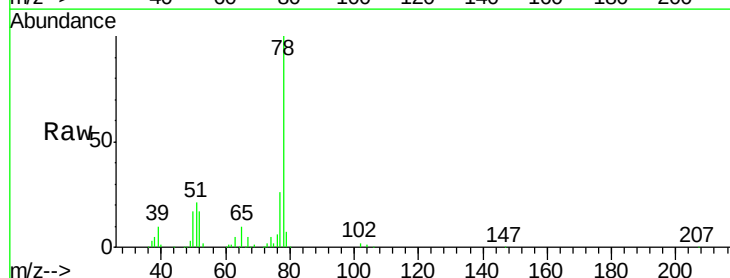
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

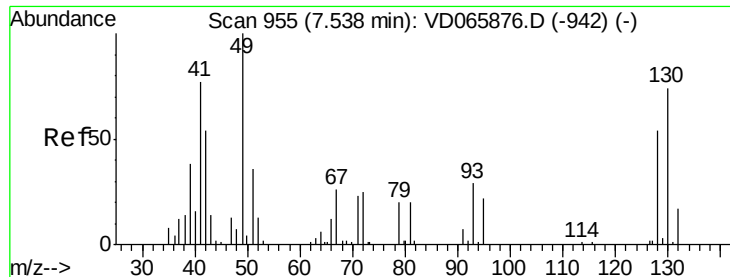
Tot Ion: 83 Resp: 147680
Ion Ratio Lower Upper
83 100
55 73.7 62.2 93.4
98 48.0 39.6 59.4



#40
Benzene
Concen: 46.113 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 78 Resp: 334048
Ion Ratio Lower Upper
78 100
77 25.6 18.8 28.2

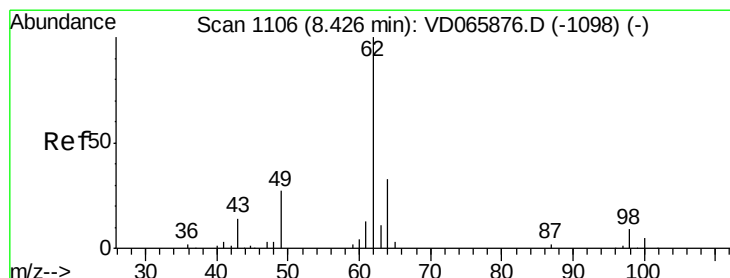
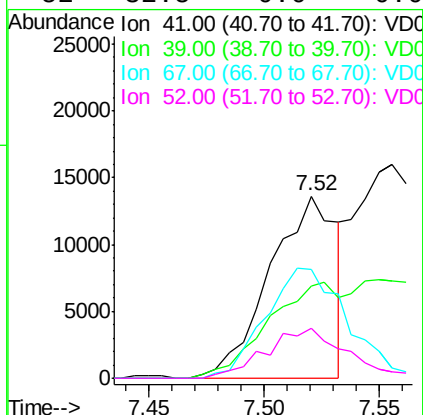
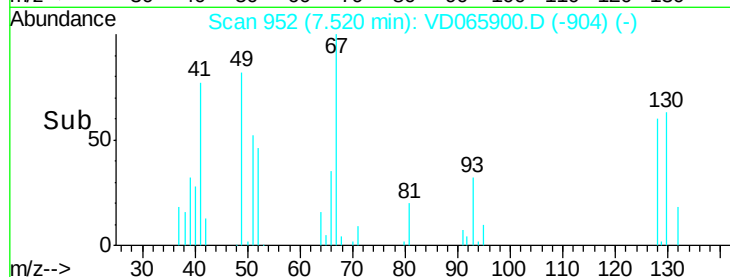
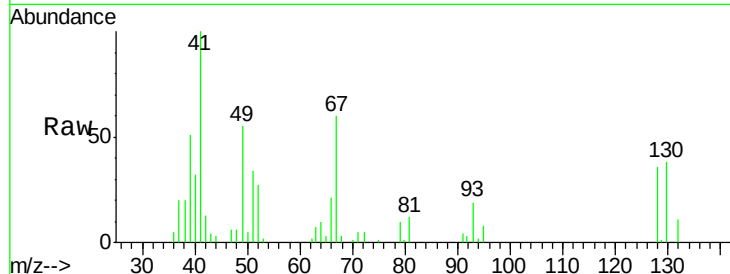




#41
Methacrylonitrile
Concen: 50.214 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

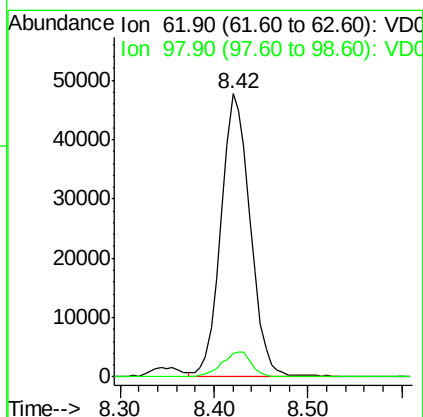
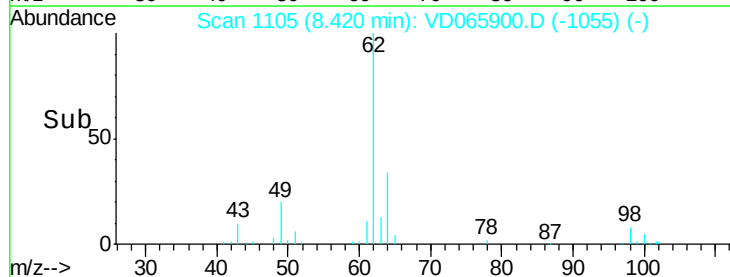
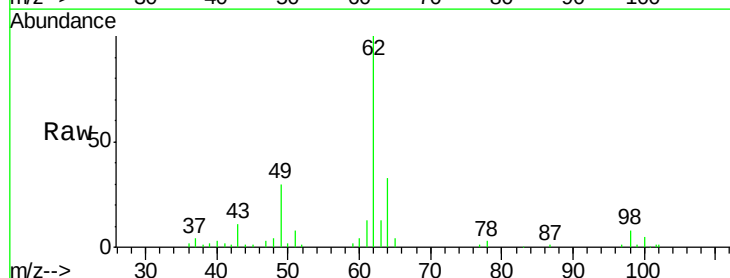
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

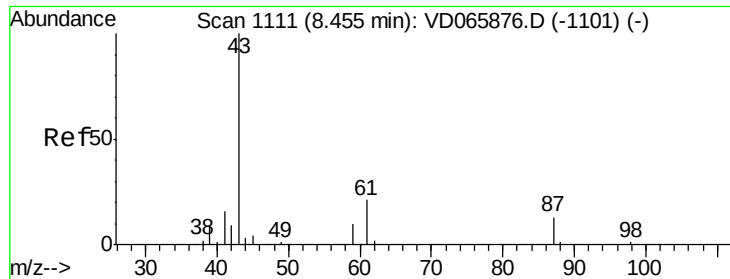
Tot Ion: 41 Resp: 27505
Ion Ratio Lower Upper
41 100
39 55.2 82.7 124.1#
67 74.4 0.0 0.0#
52 32.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.445 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 62 Resp: 103530
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 48.553 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

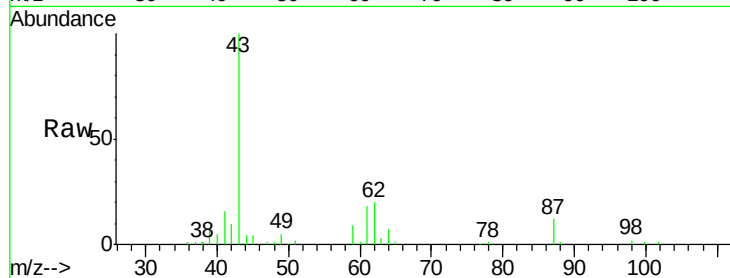
Tot Ion: 43 Resp: 93930

Ion Ratio Lower Upper

43 100

61 29.5 25.2 37.8

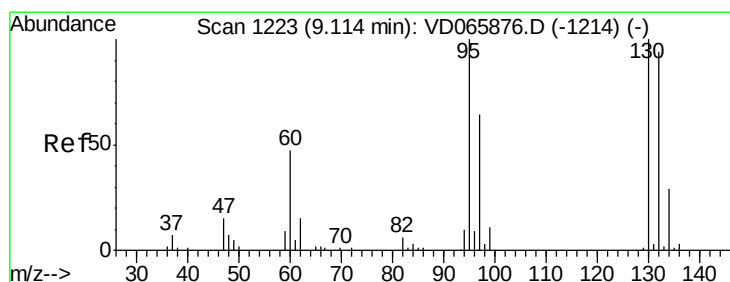
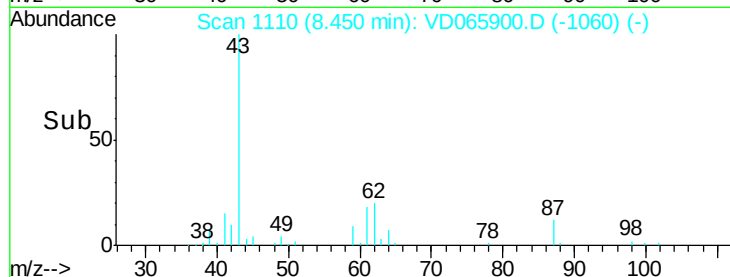
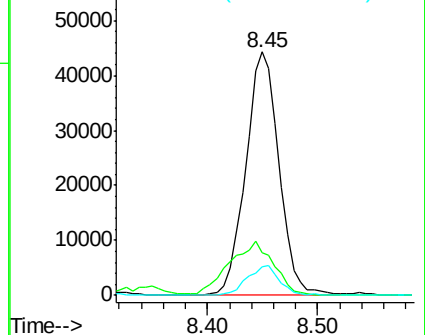
87 11.8 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 46.643 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065900.D

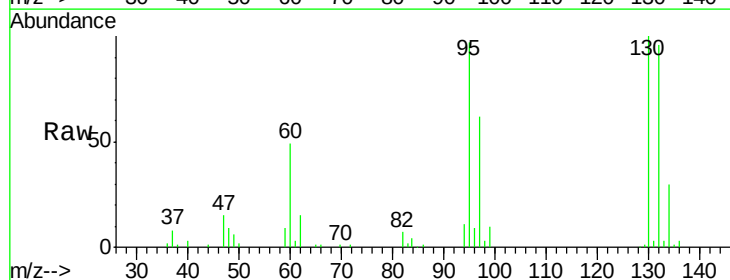
Acq: 01 Jul 2020 11:00

Tgt Ion:130 Resp: 91535

Ion Ratio Lower Upper

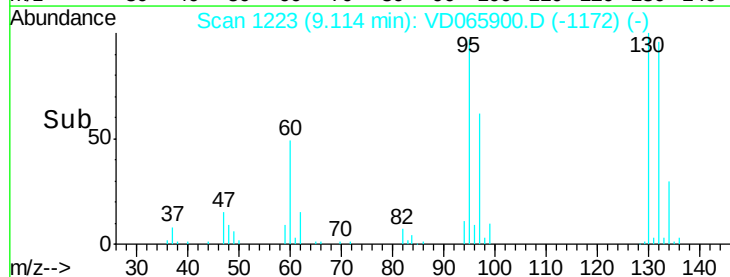
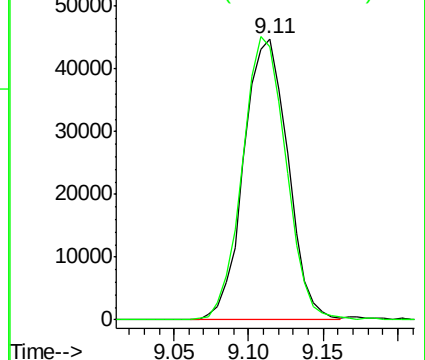
130 100

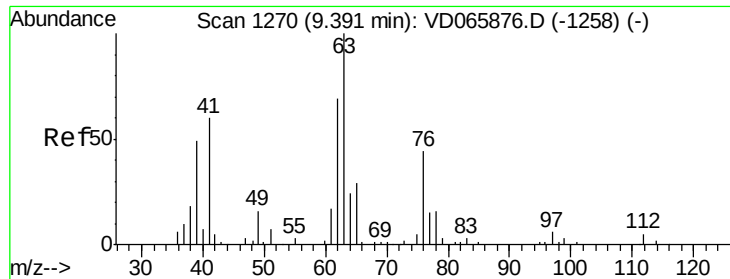
95 97.1 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.946 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

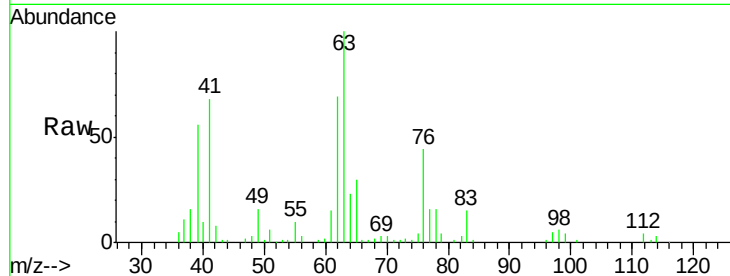
VSTDCCC050

Tot Ion: 63 Resp: 83200

Ion Ratio Lower Upper

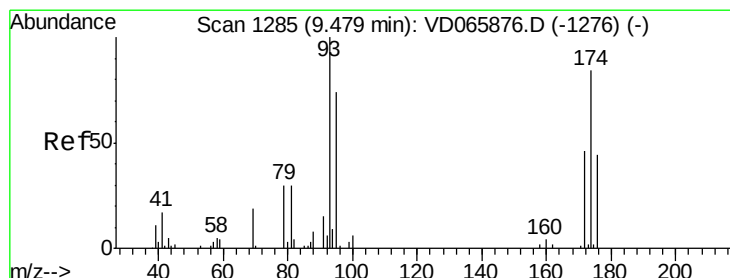
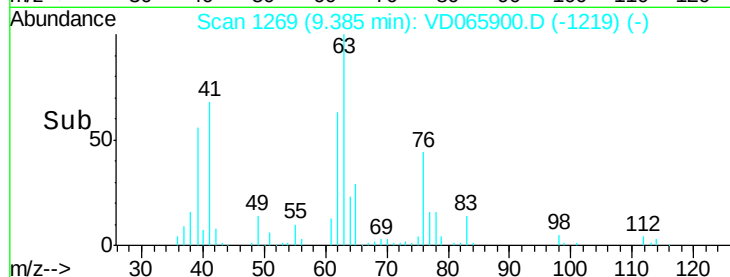
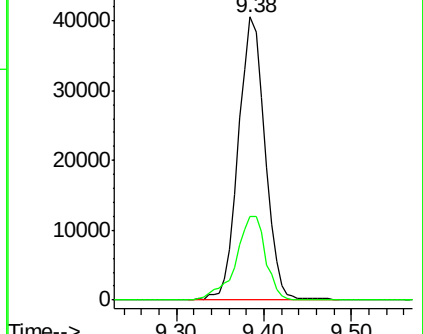
63 100

65 29.7 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 46.437 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

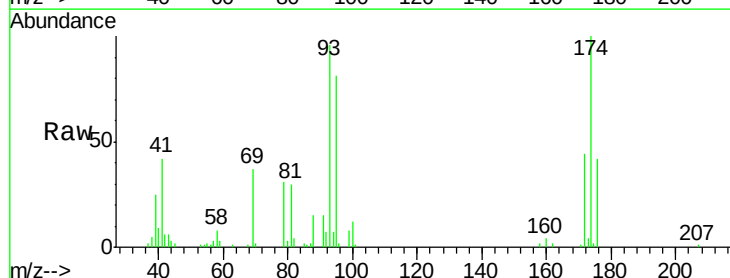
Tgt Ion: 93 Resp: 44669

Ion Ratio Lower Upper

93 100

95 79.9 65.4 98.0

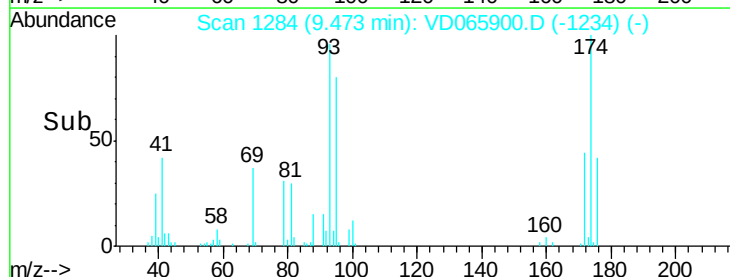
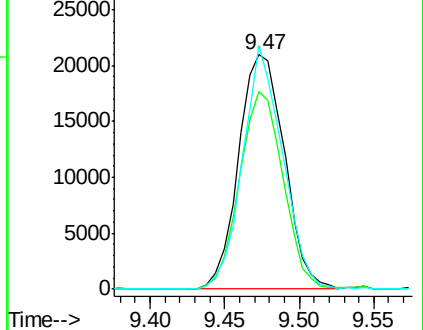
174 90.6 75.2 112.8

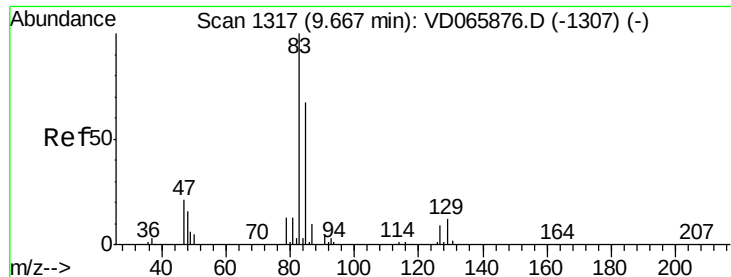


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

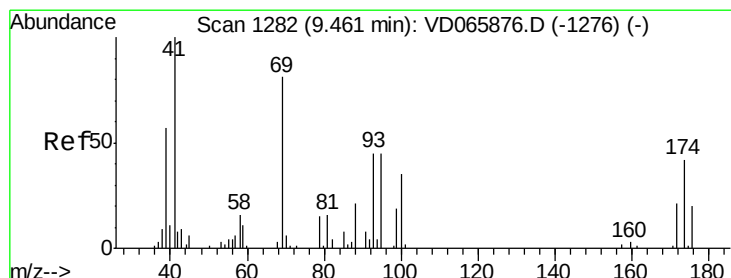
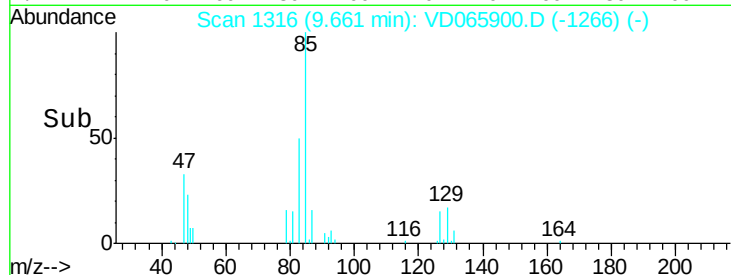
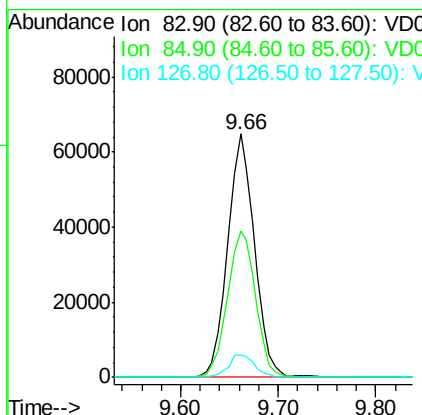
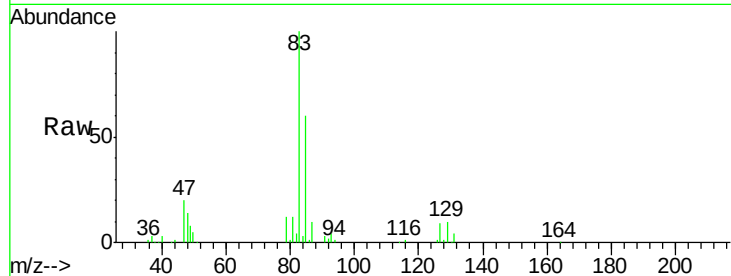




#47
Bromodichloromethane
Concen: 48.377 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

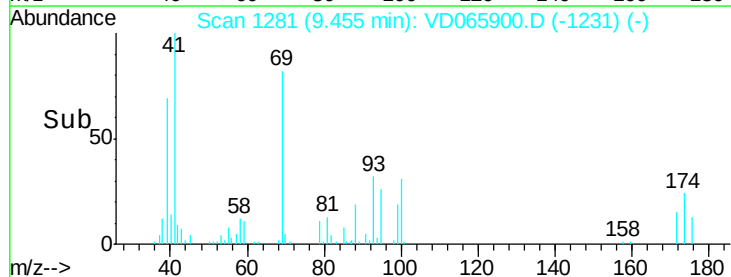
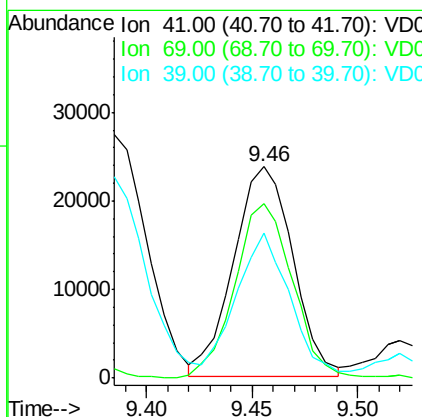
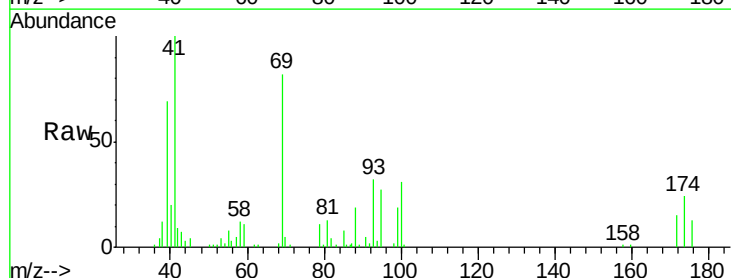
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

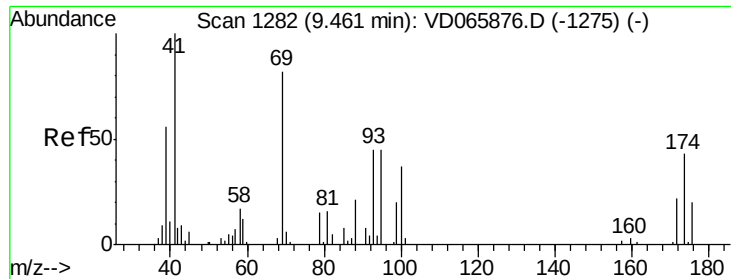
Tot Ion: 83 Resp: 123654
Ion Ratio Lower Upper
83 100
85 60.2 53.9 80.9
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 48.734 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 41 Resp: 46214
Ion Ratio Lower Upper
41 100
69 80.7 68.3 102.5
39 56.7 54.1 81.1

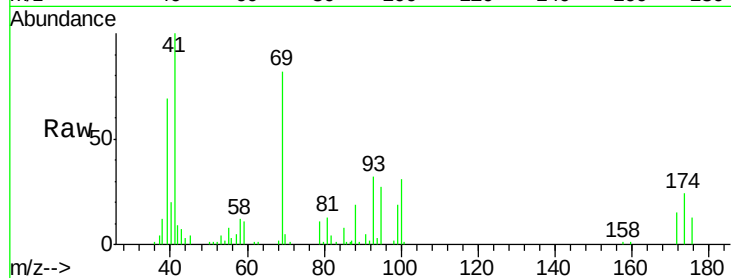




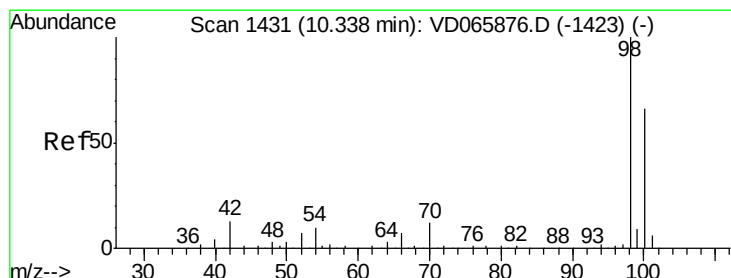
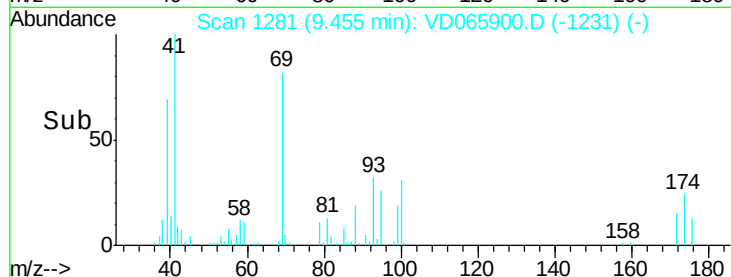
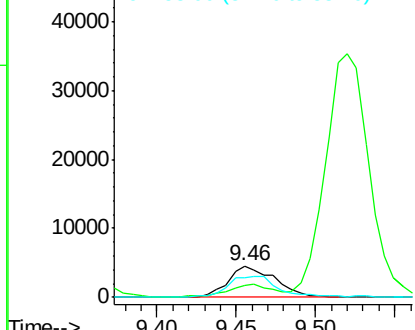
#49
1,4-Dioxane
Concen: 931.940 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 9170
Ion Ratio Lower Upper
88 100
43 42.6 35.8 53.8
58 72.7 58.6 87.8

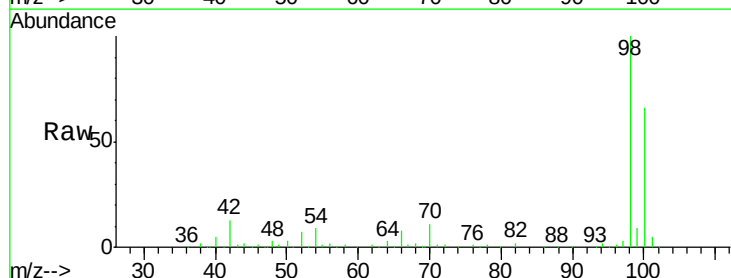


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

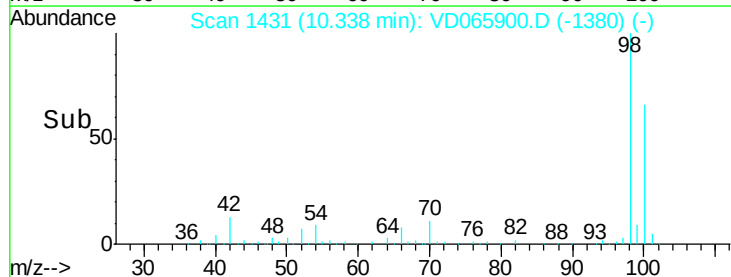
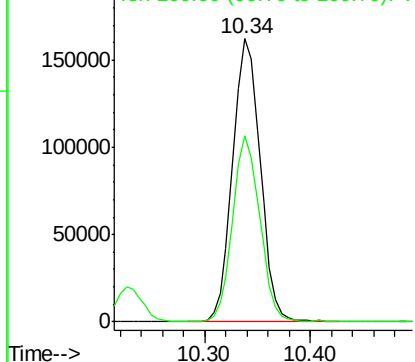


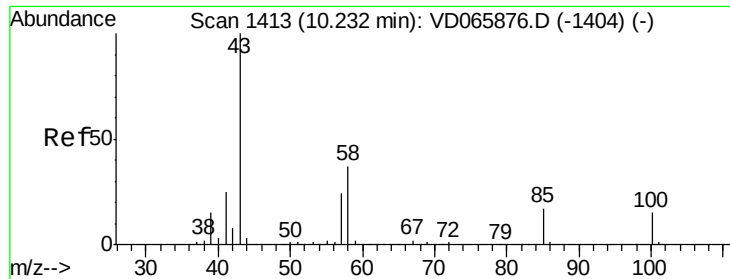
#50
Toluene-d8
Concen: 47.253 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 98 Resp: 294194
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



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

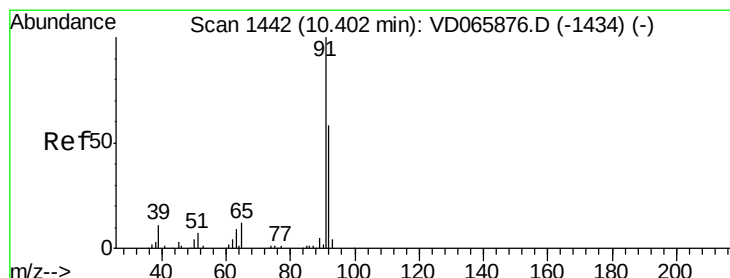
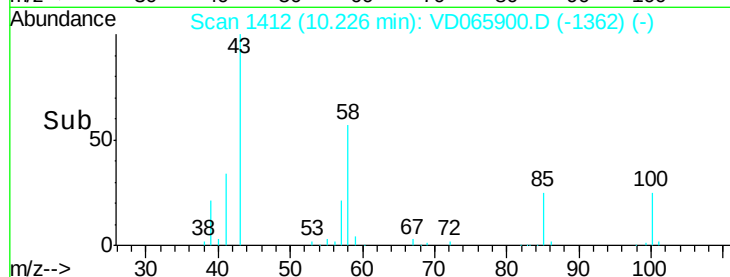
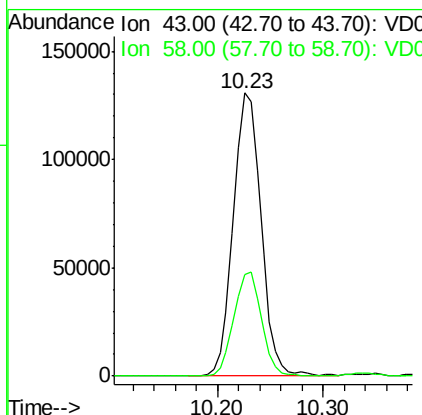
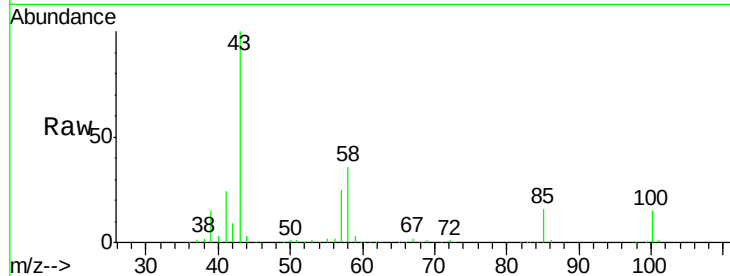




#51
4-Methyl-2-Pentanone
Concen: 238.991 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

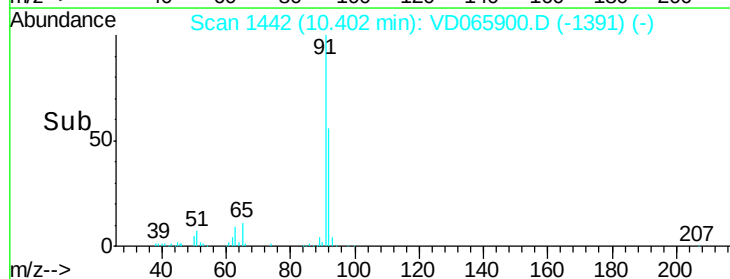
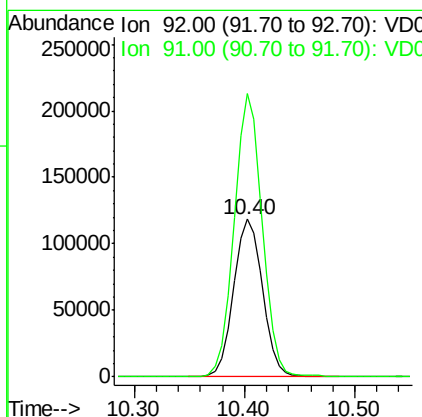
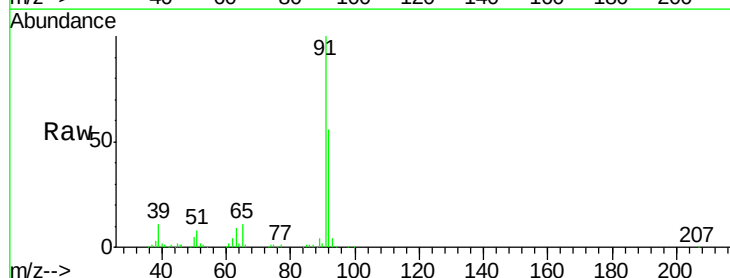
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

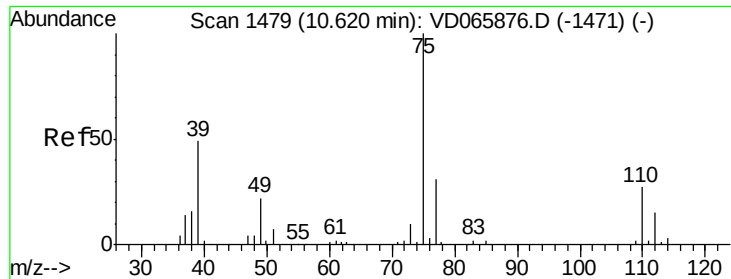
Tot Ion: 43 Resp: 238328
Ion Ratio Lower Upper
43 100
58 36.5 29.5 44.3



#52
Toluene
Concen: 46.337 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 92 Resp: 218238
Ion Ratio Lower Upper
92 100
91 173.9 140.8 211.2

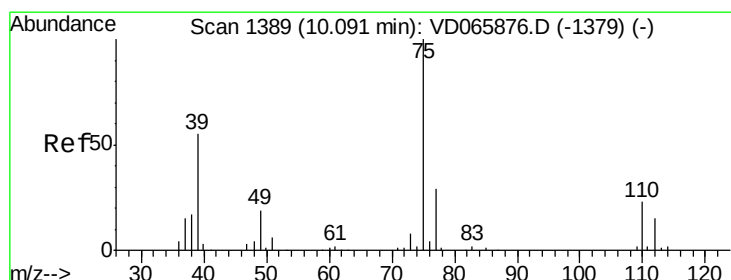
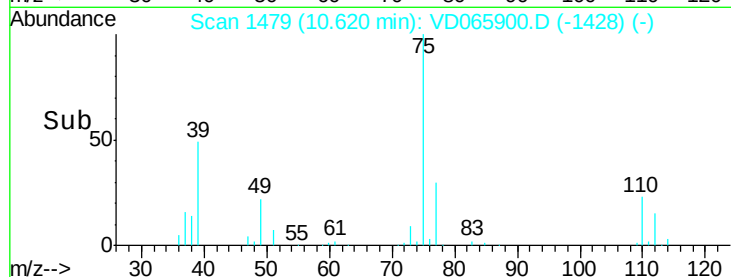
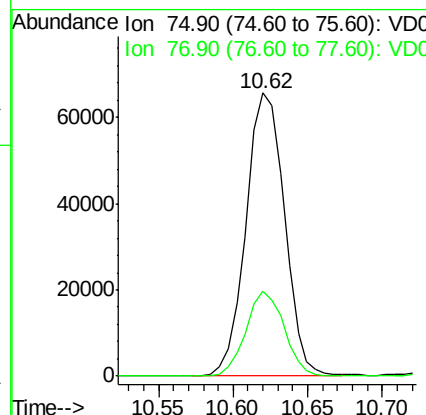
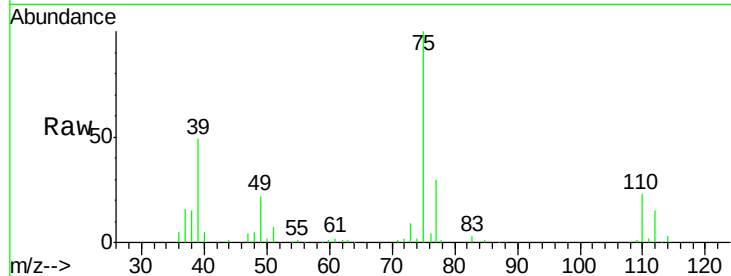




#53
 t-1,3-Dichloropropene
 Concen: 48.123 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

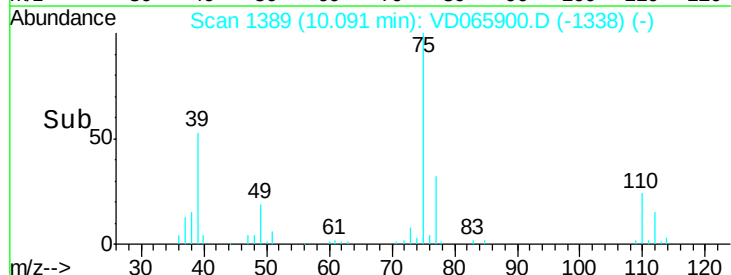
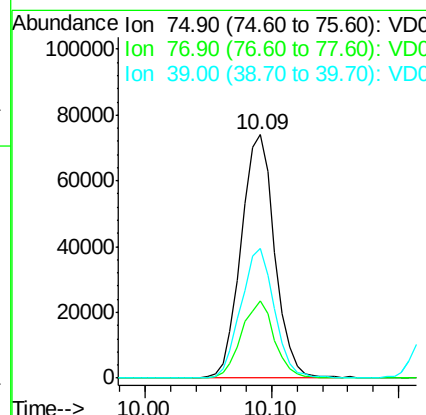
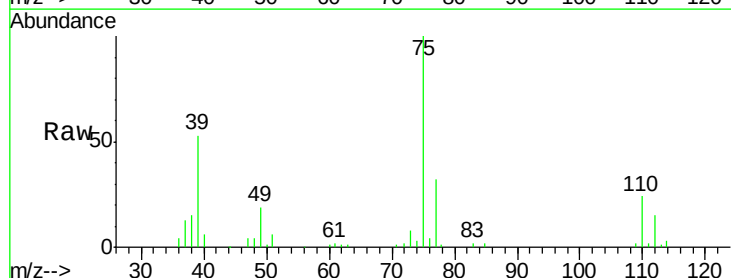
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

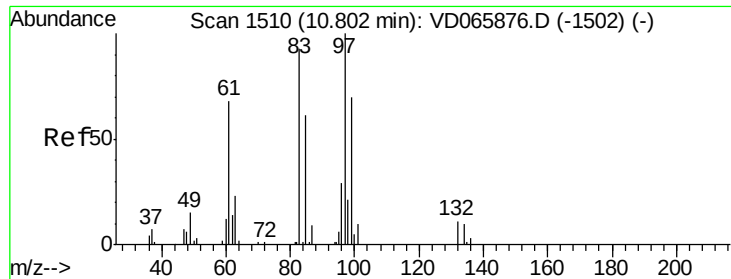
Tot Ion: 75 Resp: 117415
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.513 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion: 75 Resp: 136120
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.4 35.0
 39 53.2 43.9 65.9





#55

1,1,2-Trichloroethane

Concen: 46.013 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 58655

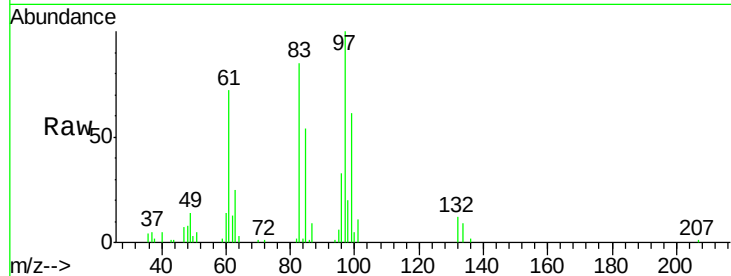
Ion Ratio Lower Upper

97 100

83 85.1 74.2 111.4

85 54.2 48.8 73.2

99 60.7 55.9 83.9



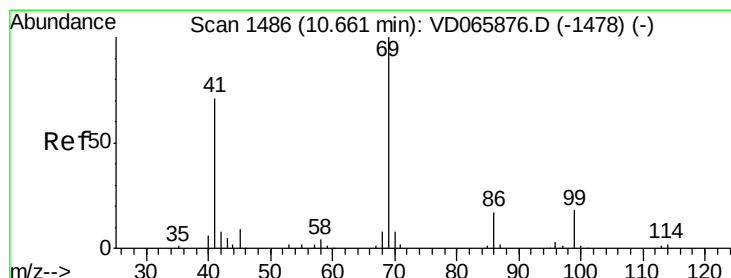
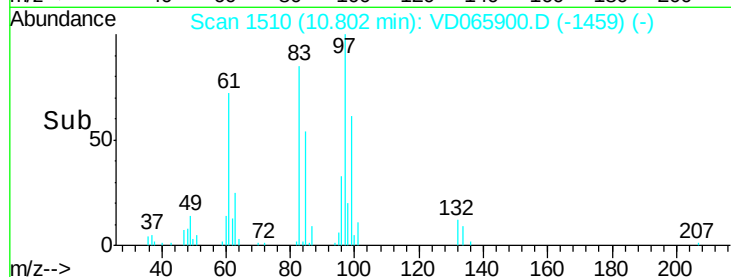
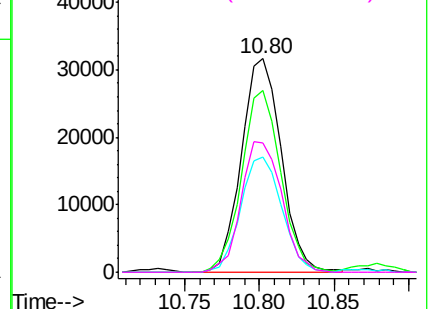
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 46.592 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

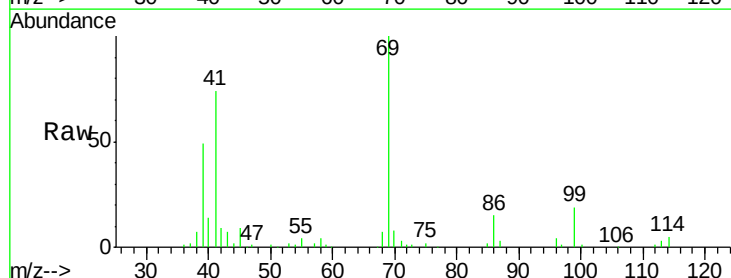
Tgt Ion: 69 Resp: 73747

Ion Ratio Lower Upper

69 100

41 72.6 55.4 83.2

39 41.4 33.0 49.4

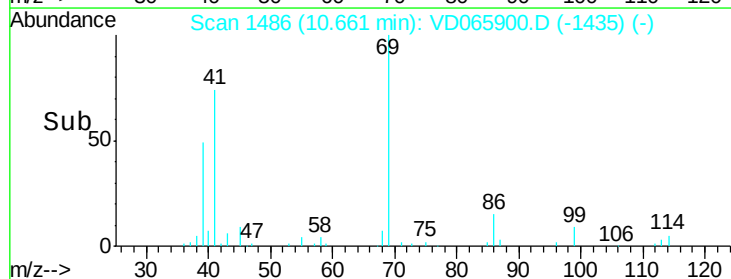
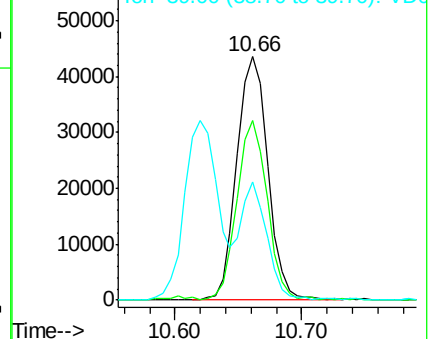


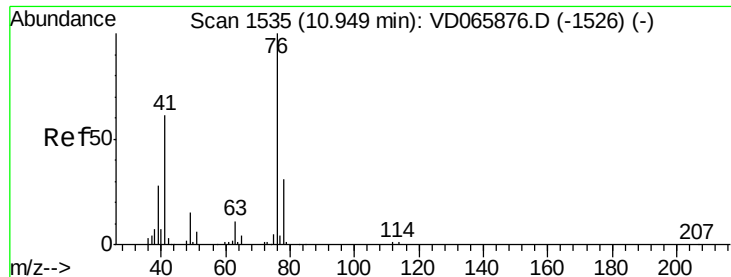
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 47.021 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

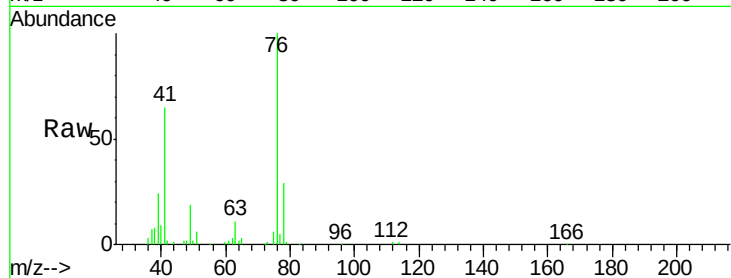
VSTDCCC050

Tot Ion: 76 Resp: 105141

Ion Ratio Lower Upper

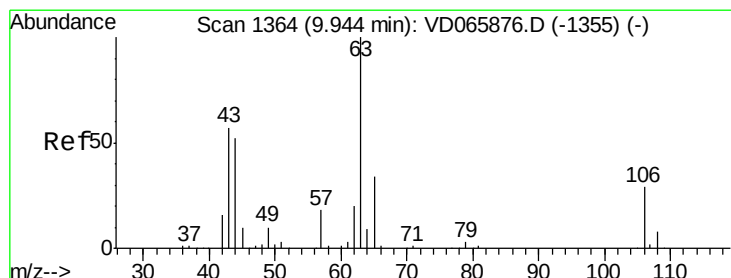
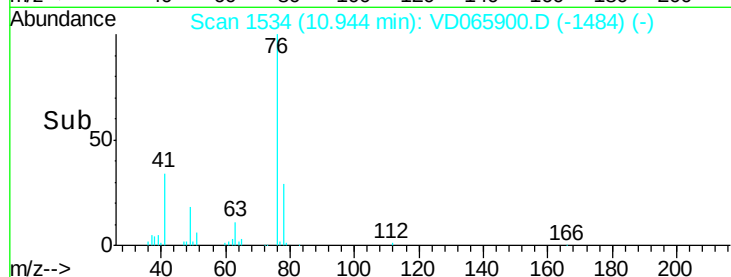
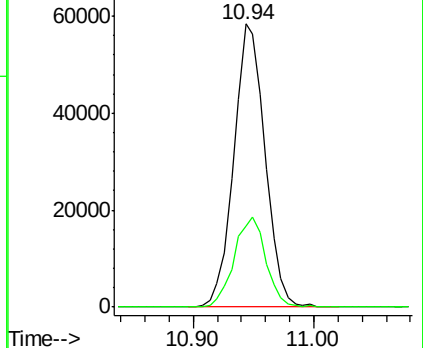
76 100

78 32.3 25.1 37.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 277.284 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065900.D

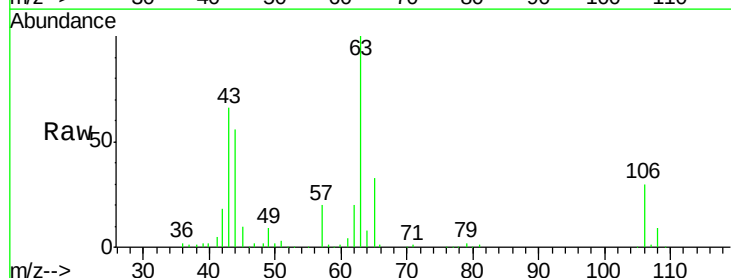
Acq: 01 Jul 2020 11:00

Tgt Ion: 63 Resp: 192378

Ion Ratio Lower Upper

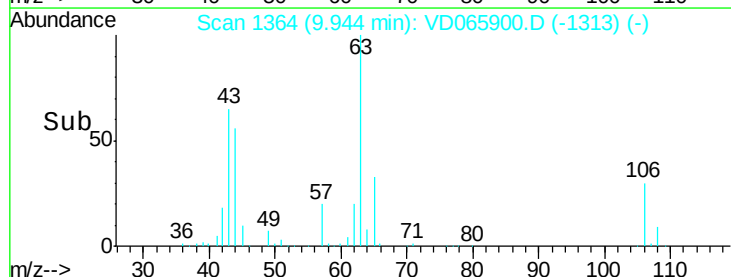
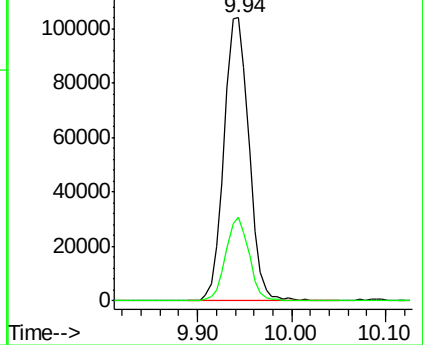
63 100

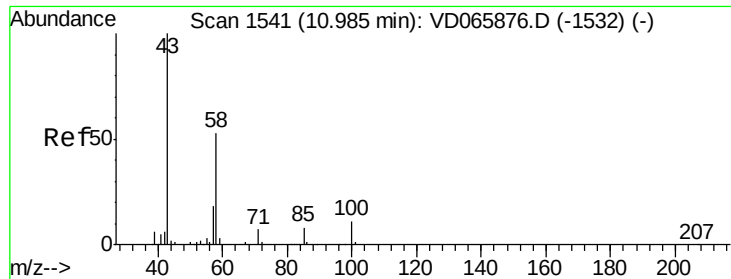
106 27.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

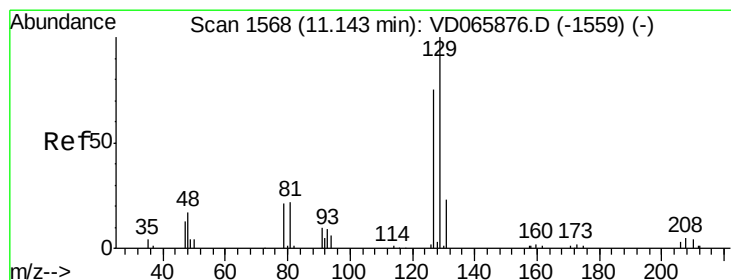
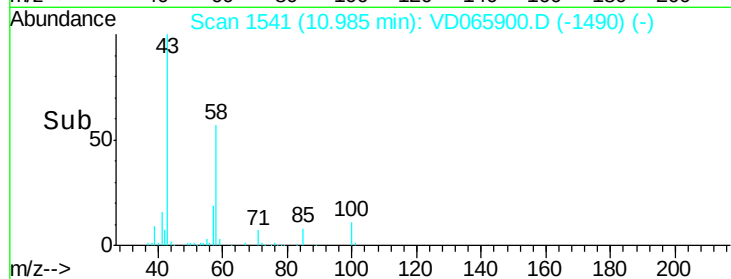
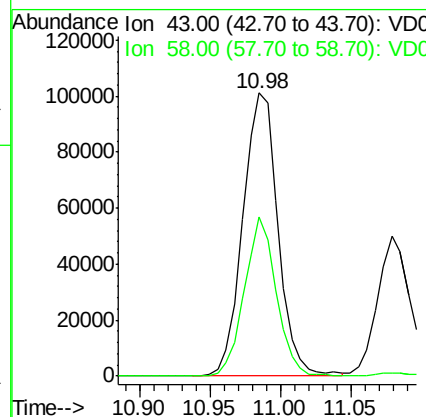
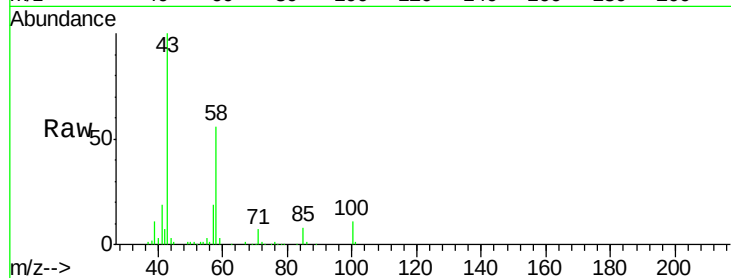




#59
2-Hexanone
Concen: 252.234 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

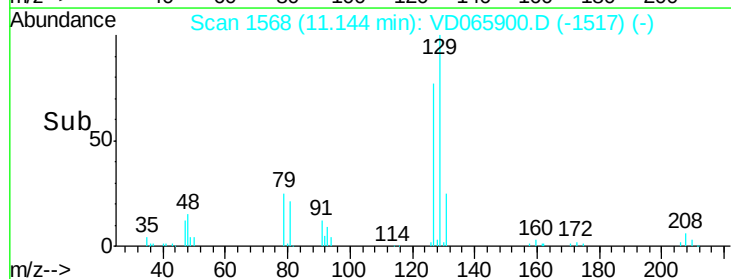
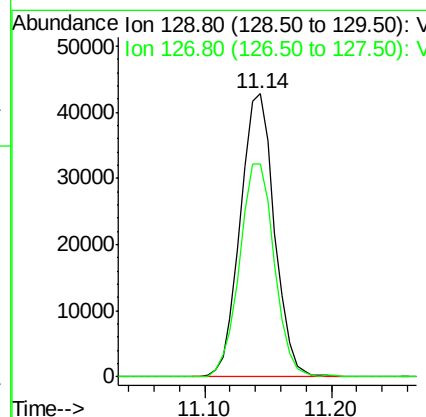
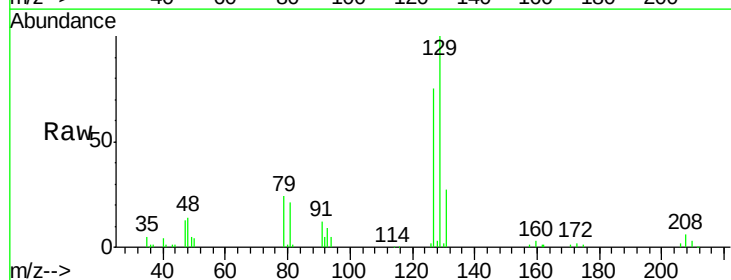
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

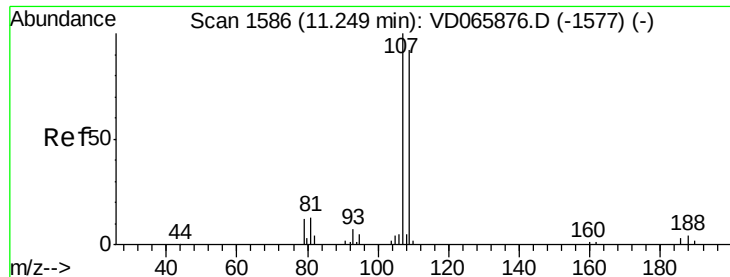
Tot Ion: 43 Resp: 176313
Ion Ratio Lower Upper
43 100
58 51.1 26.1 78.3



#60
Dibromochloromethane
Concen: 45.836 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 129 Resp: 79809
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

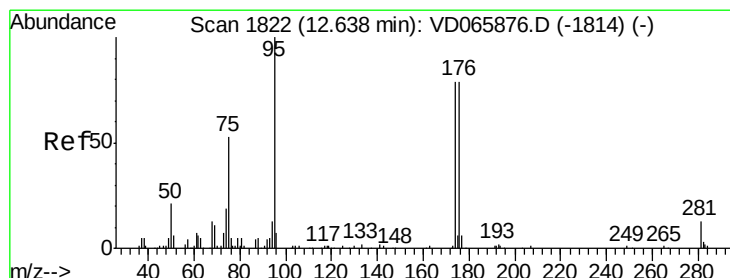
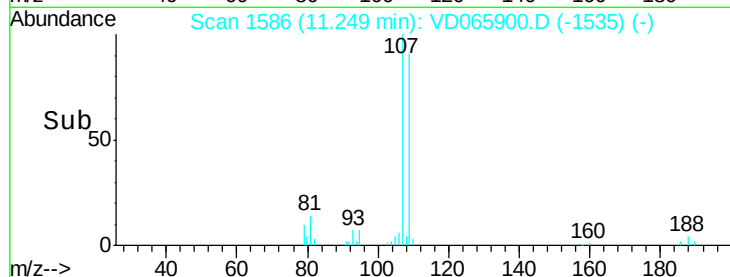
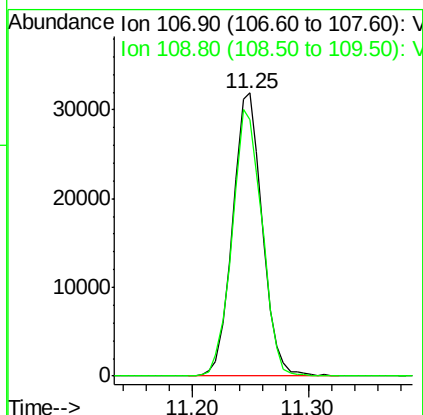
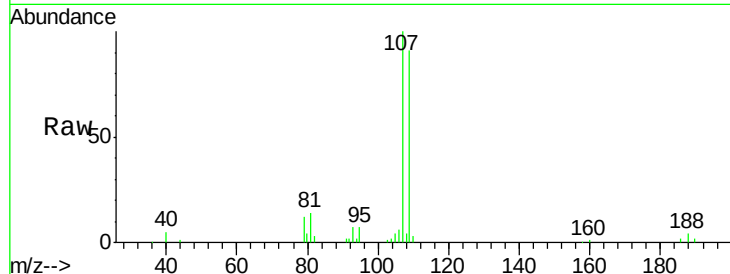




#61
 1,2-Dibromoethane
 Concen: 45.362 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

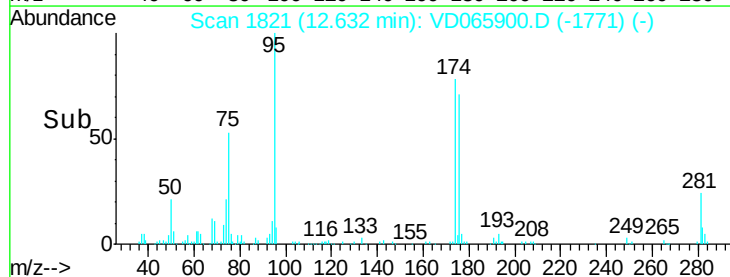
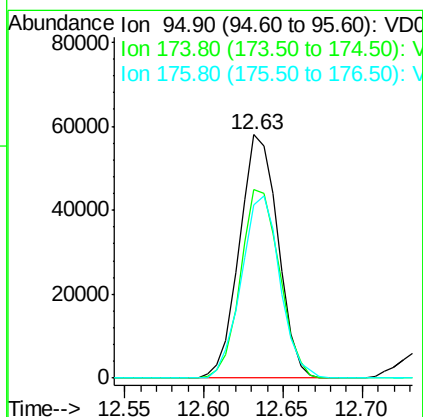
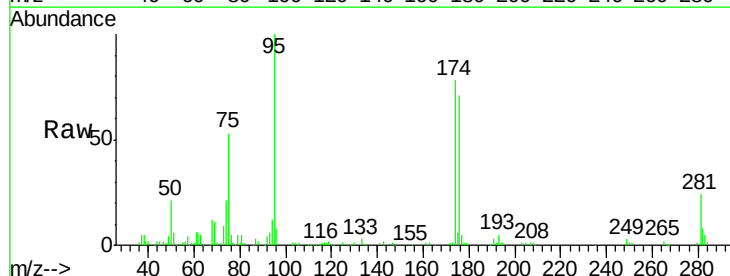
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

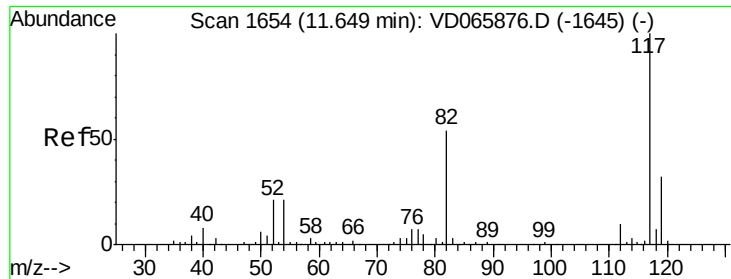
Tot Ion: 107 Resp: 56595
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.039 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion: 95 Resp: 97981
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 158.4
 176 75.2 0.0 156.0

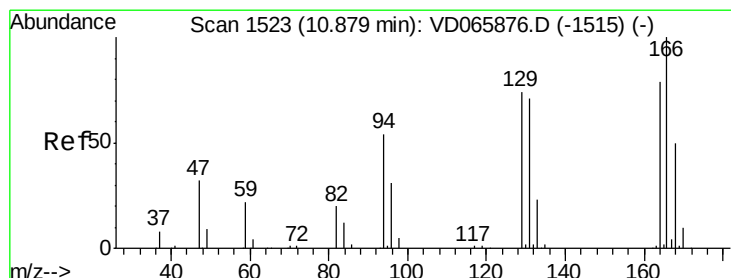
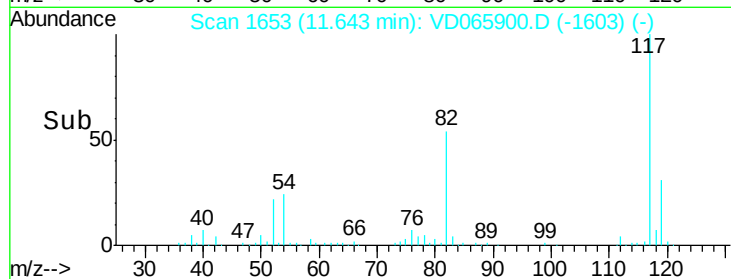
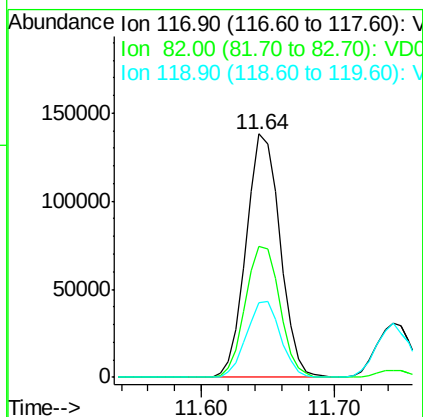
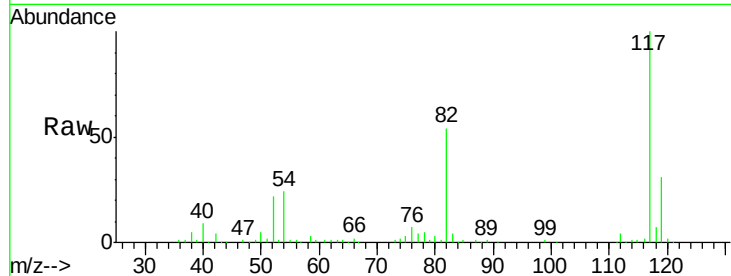




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

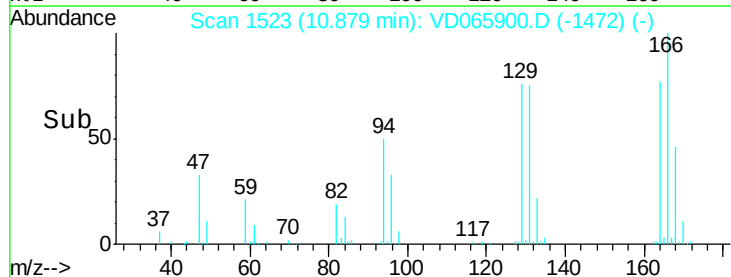
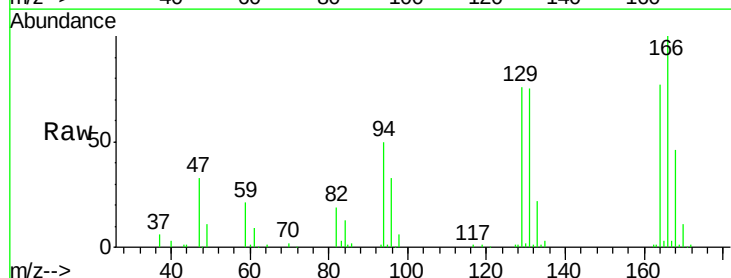
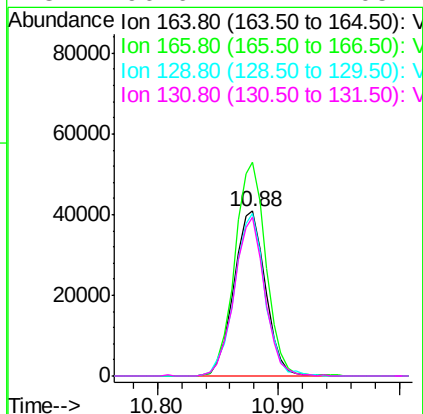
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

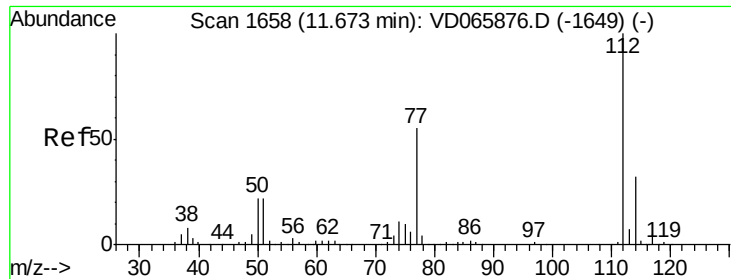
Tot Ion:117 Resp: 243369
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 30.5 25.9 38.9



#64
Tetrachloroethene
Concen: 46.891 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion:164 Resp: 74519
Ion Ratio Lower Upper
164 100
166 129.5 101.3 151.9
129 98.7 74.5 111.7
131 96.6 72.2 108.4

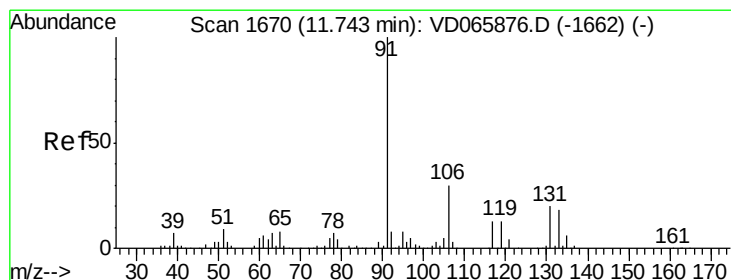
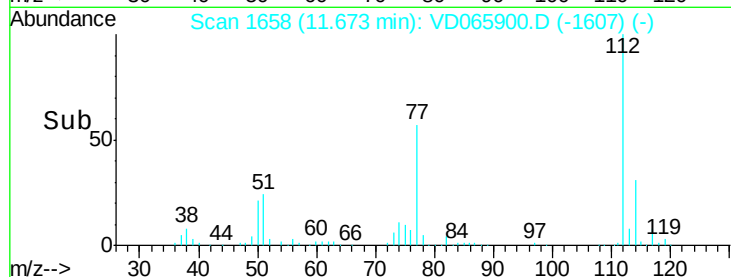
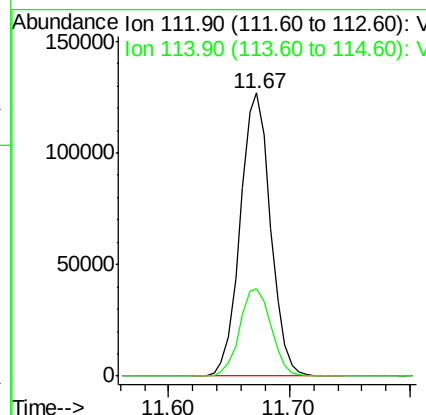
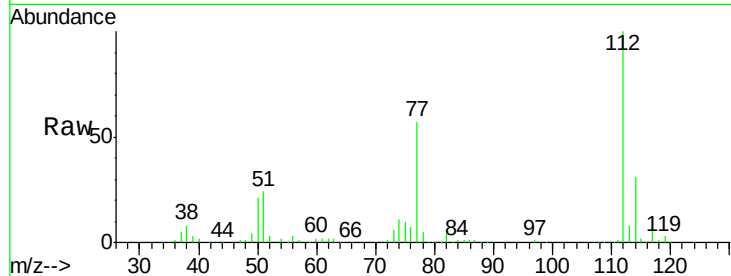




#65
Chlorobenzene
Concen: 45.966 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

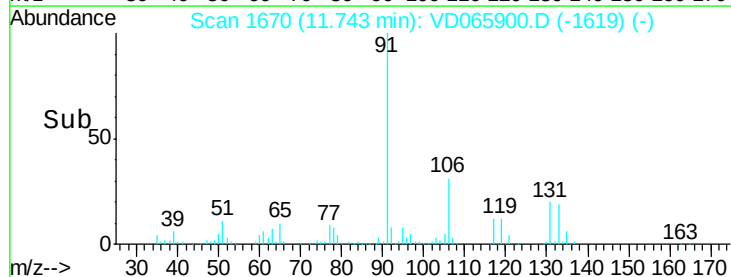
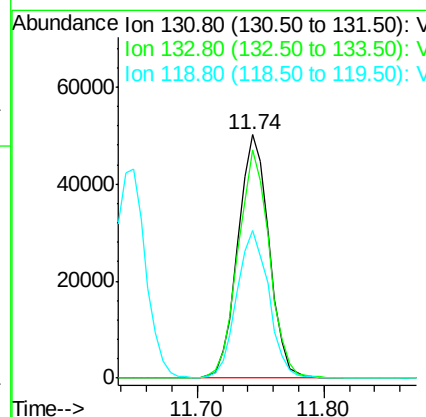
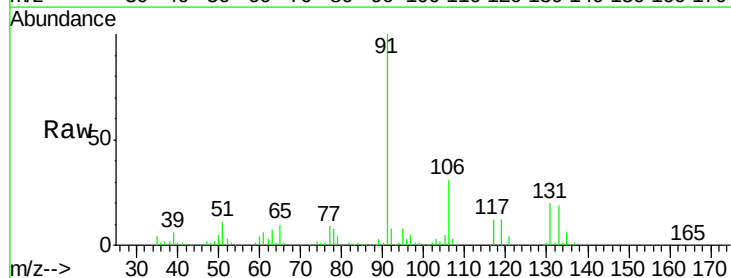
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

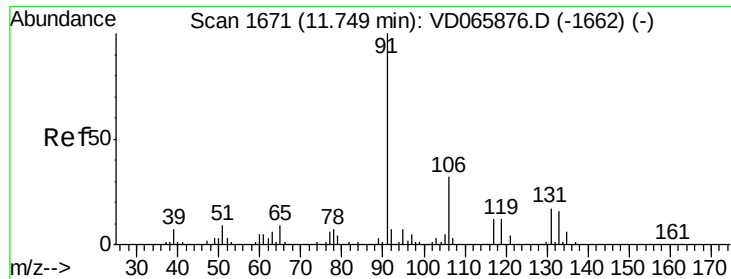
Tot Ion:112 Resp: 221897
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.287 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion:131 Resp: 85037
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 62.3 33.0 98.9

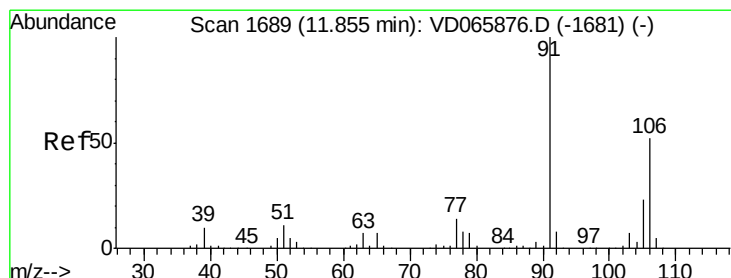
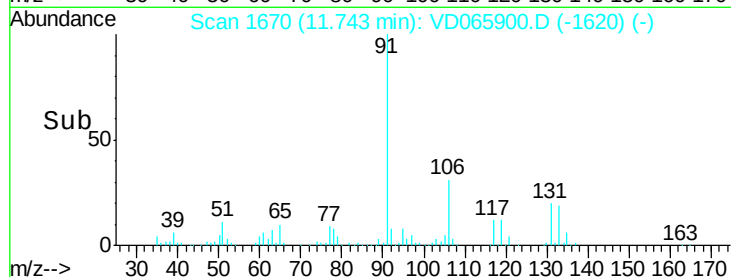
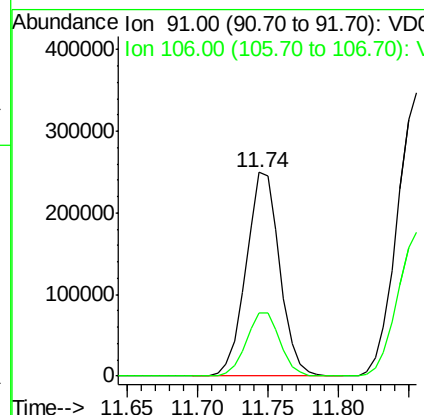
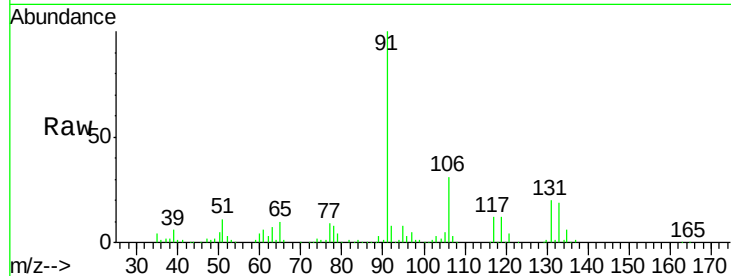




#67
Ethyl Benzene
Concen: 46.436 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

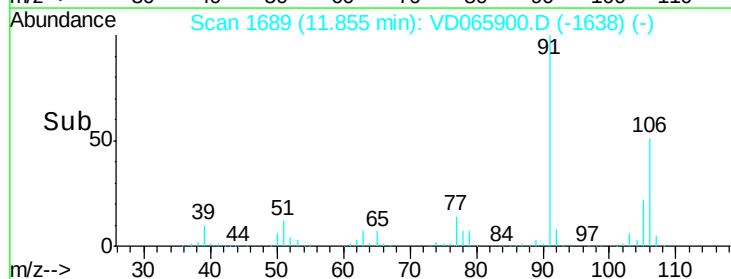
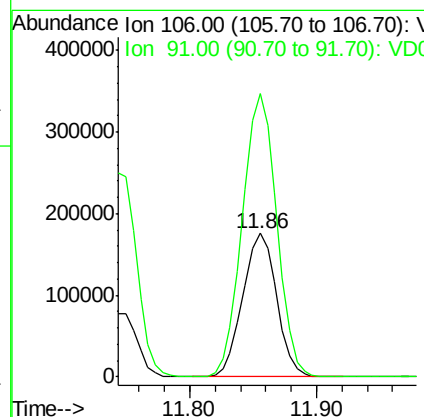
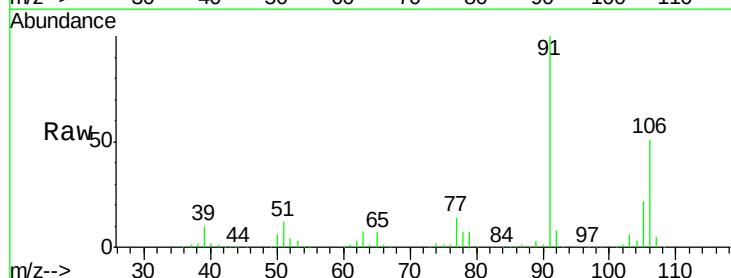
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

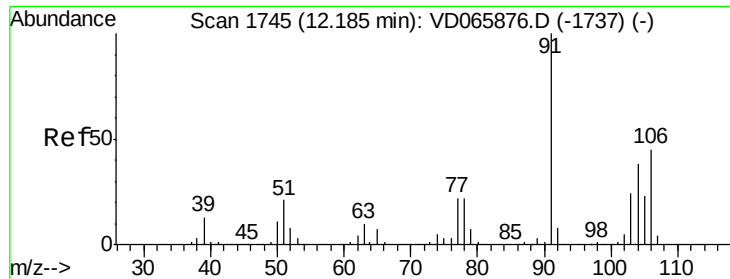
Tot Ion: 91 Resp: 416332
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 95.543 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 106 Resp: 326141
Ion Ratio Lower Upper
106 100
91 200.3 159.5 239.3

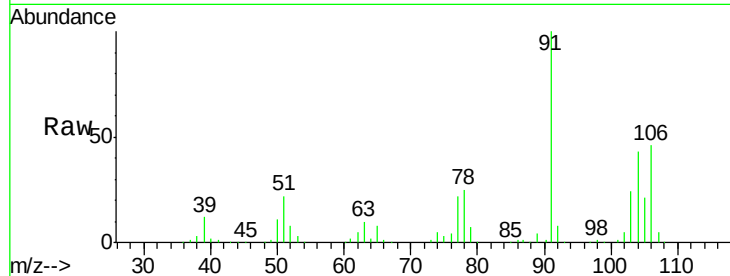




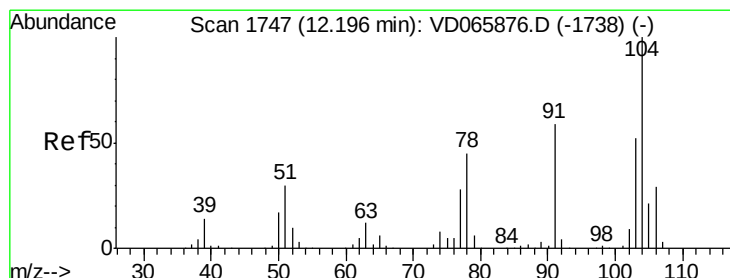
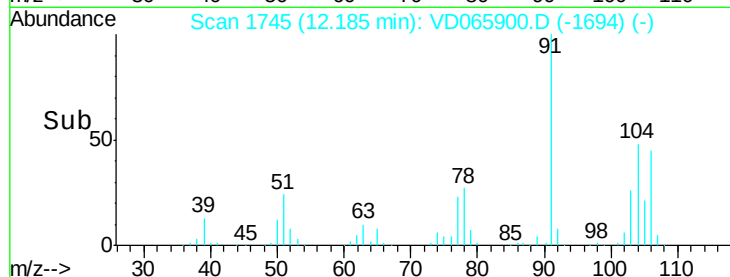
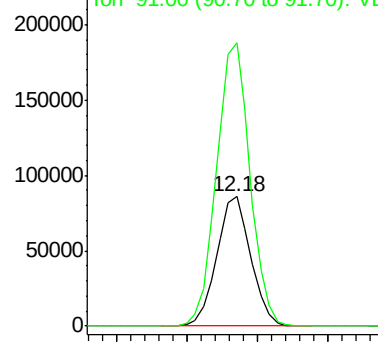
#69
o-Xylene
Concen: 47.208 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 144813
Ion Ratio Lower Upper
106 100
91 215.8 107.5 322.6

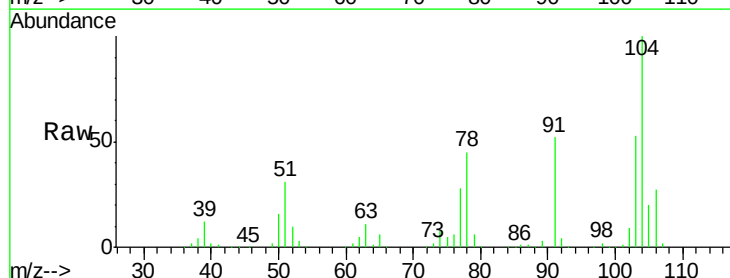


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

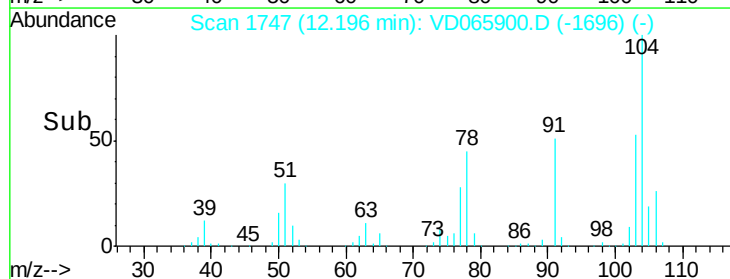
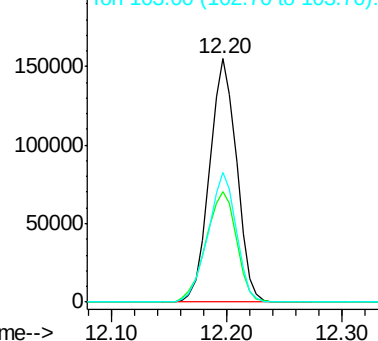


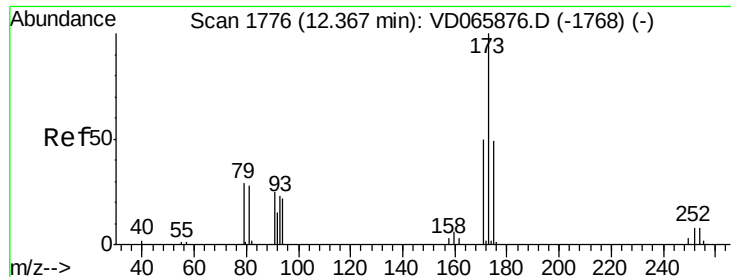
#70
Styrene
Concen: 47.037 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion:104 Resp: 252295
Ion Ratio Lower Upper
104 100
78 50.9 39.8 59.6
103 55.5 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V

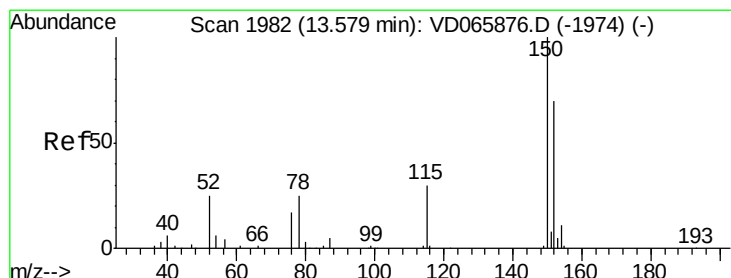
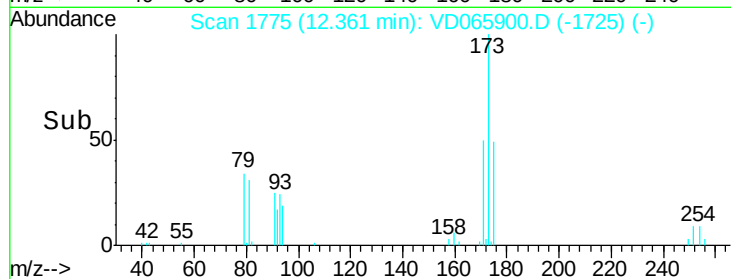
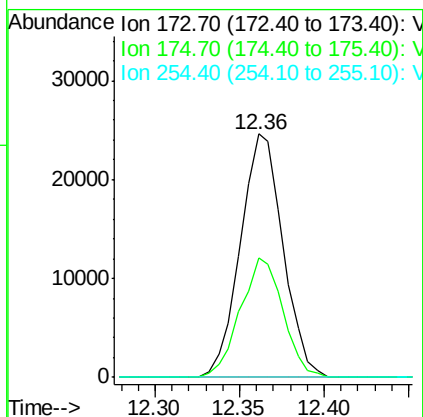
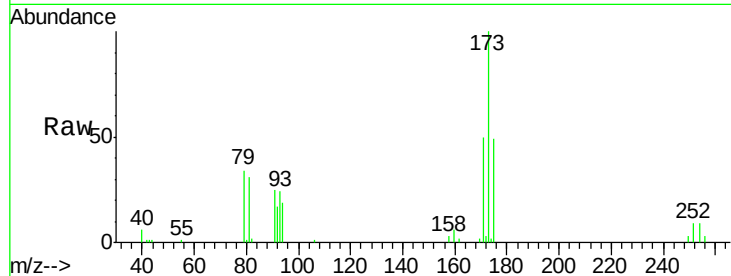




#71
Bromoform
Concen: 45.244 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

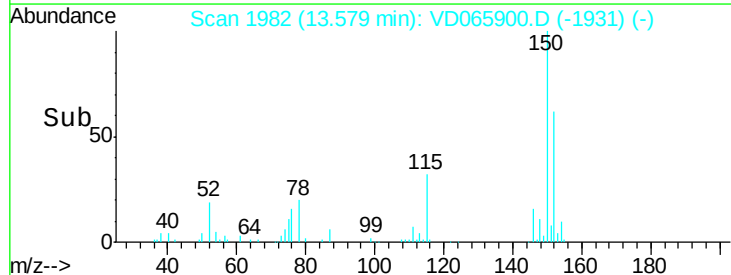
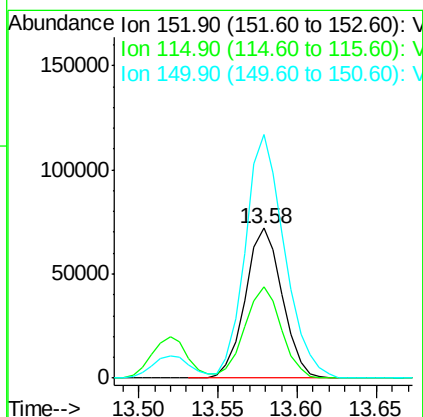
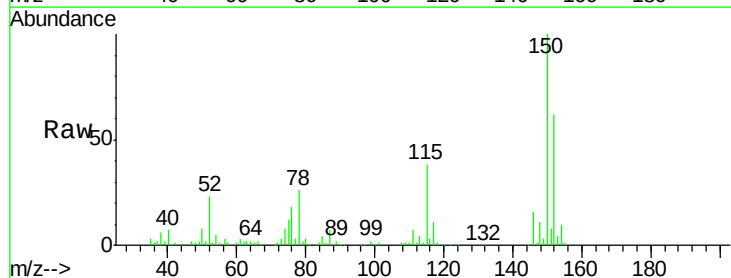
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

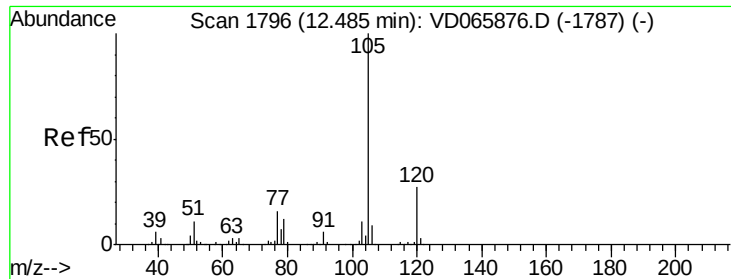
Tot Ion:173 Resp: 43209
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion:152 Resp: 116839
Ion Ratio Lower Upper
152 100
115 60.8 29.7 89.1
150 172.2 0.0 346.2





#73

Isopropylbenzene

Concen: 48.460 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

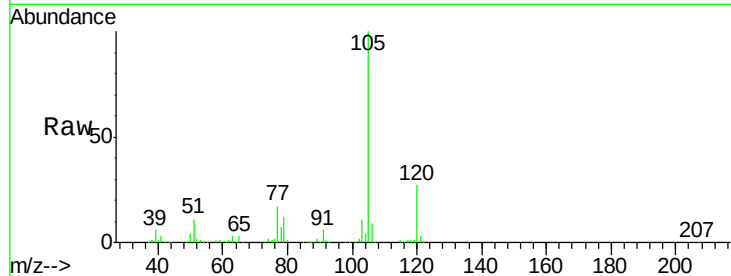
VSTDCCC050

Tot Ion:105 Resp: 405530

Ion Ratio Lower Upper

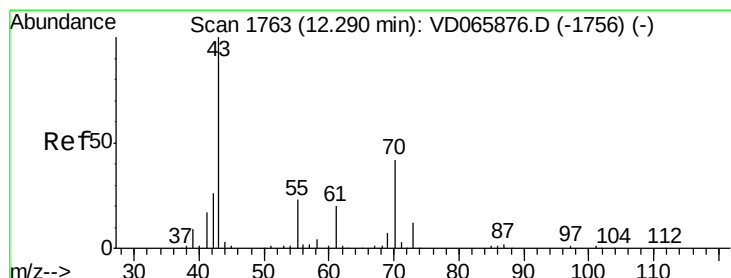
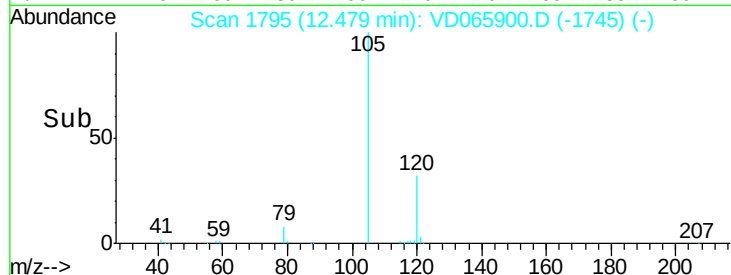
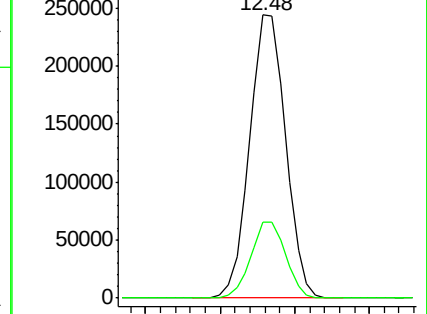
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.946 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Tgt Ion: 43 Resp: 88646

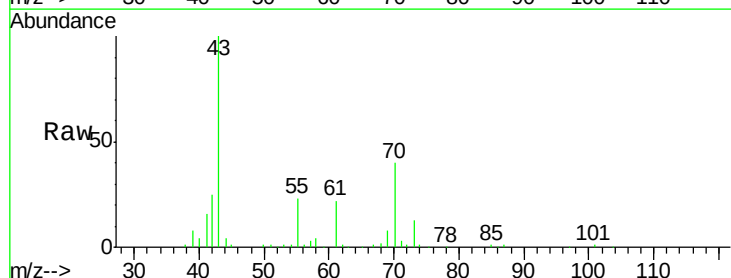
Ion Ratio Lower Upper

43 100

70 40.8 32.5 48.7

55 23.7 18.7 28.1

61 22.3 16.7 25.1

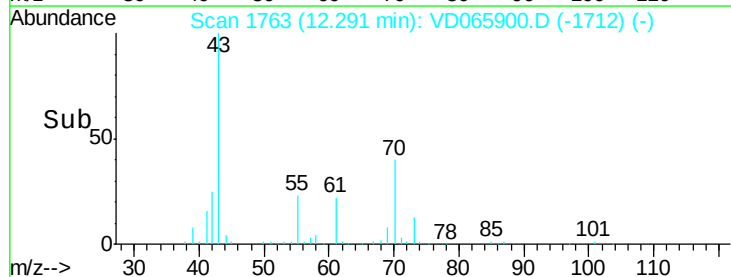
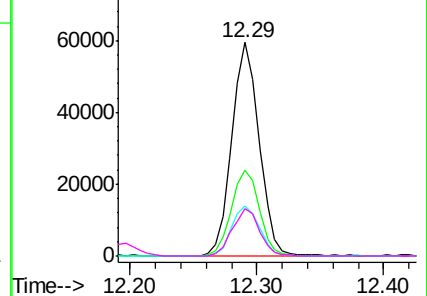


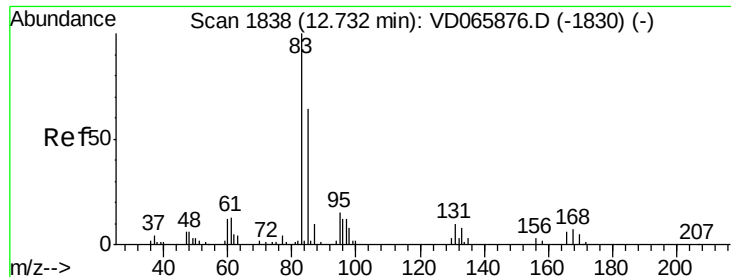
Abundance Ion 43.00 (42.70 to 43.70): VDC

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: 45.919 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

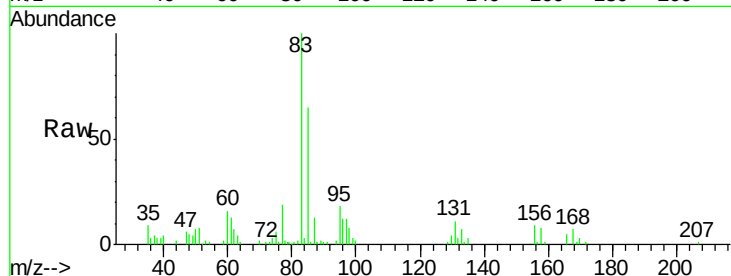
Tot Ion: 83 Resp: 63253

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

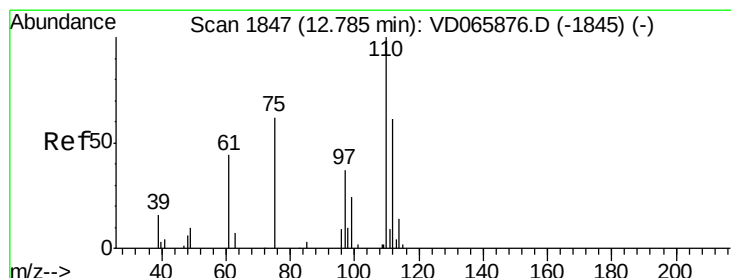
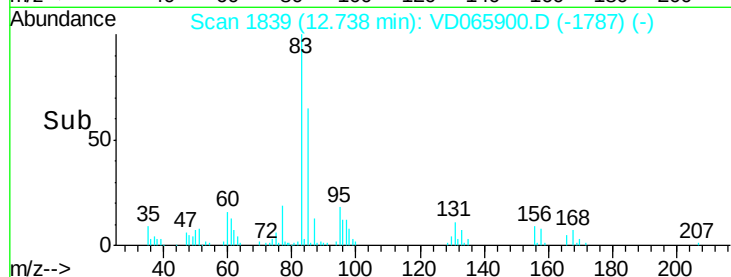
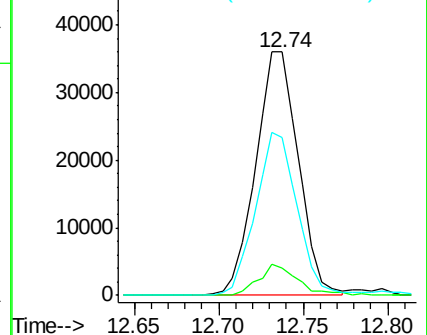
85 65.1 32.3 96.9



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: 46.010 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD065900.D

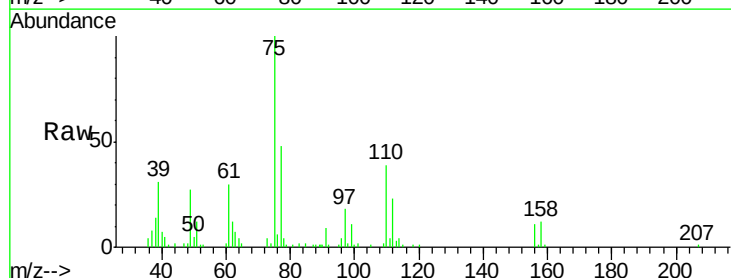
Acq: 01 Jul 2020 11:00

Tgt Ion: 75 Resp: 47039

Ion Ratio Lower Upper

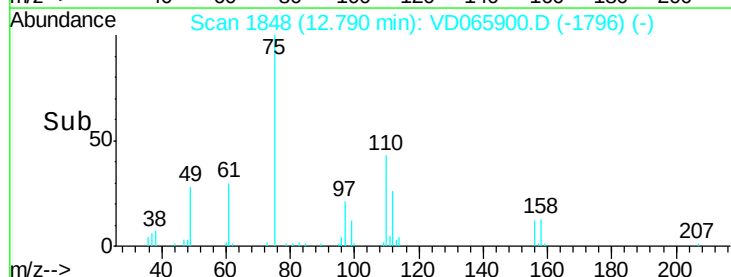
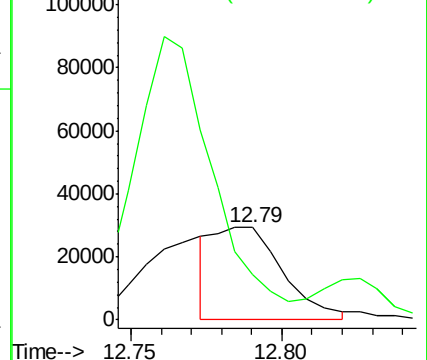
75 100

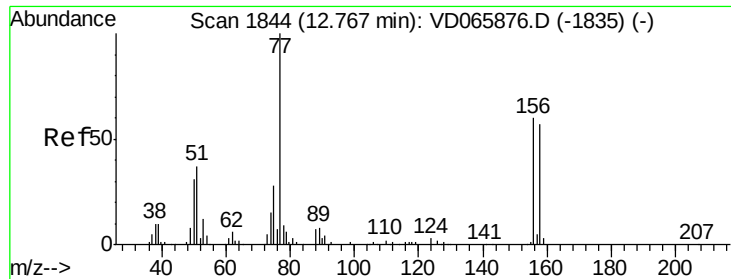
77 0.0 168.5 505.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.329 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

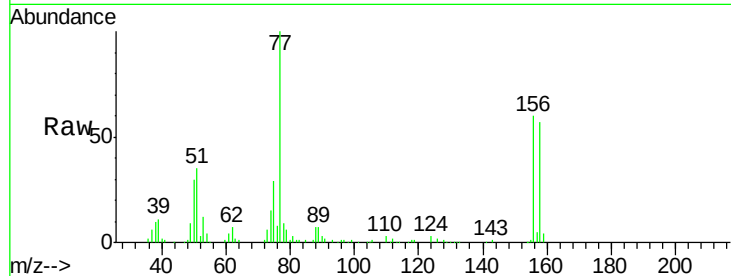
Tot Ion:156 Resp: 89047

Ion Ratio Lower Upper

156 100

77 184.4 90.5 271.5

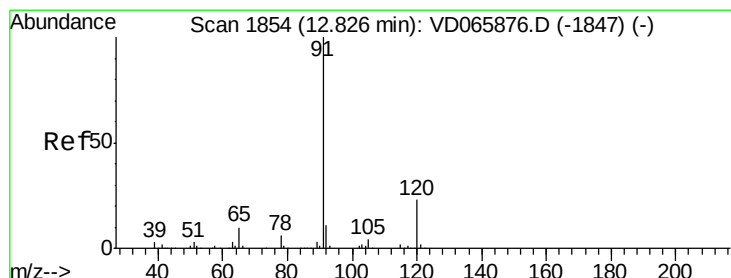
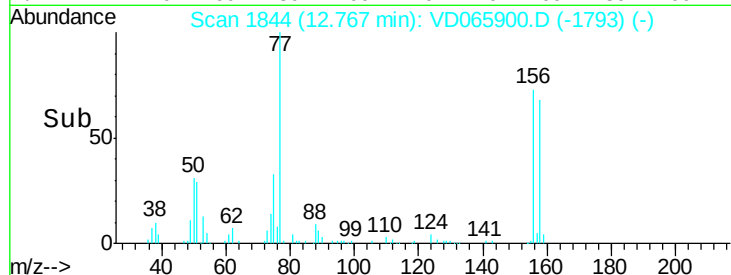
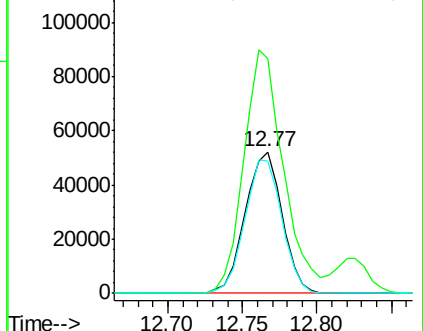
158 94.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.306 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065900.D

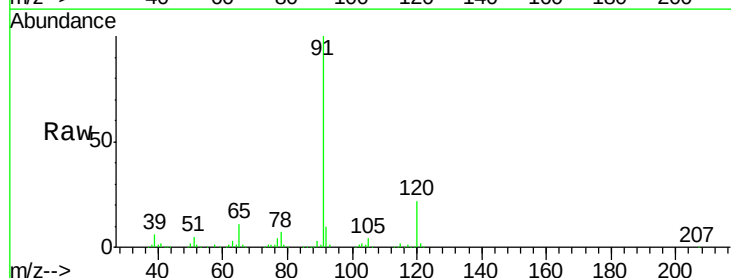
Acq: 01 Jul 2020 11:00

Tgt Ion: 91 Resp: 487006

Ion Ratio Lower Upper

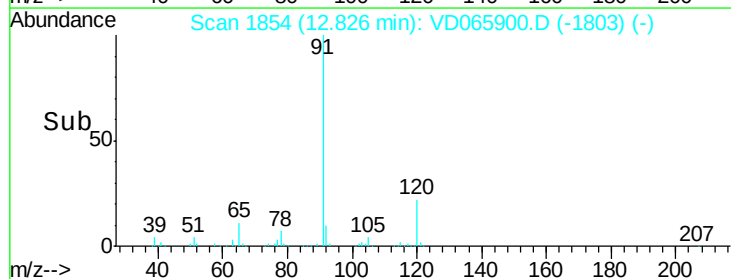
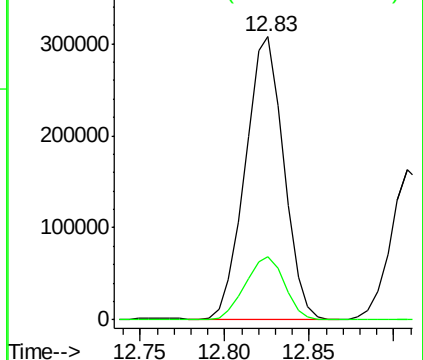
91 100

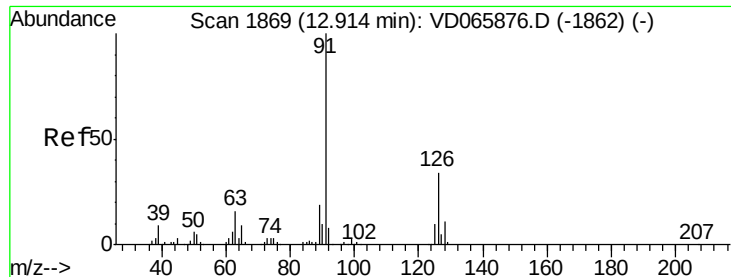
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.656 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

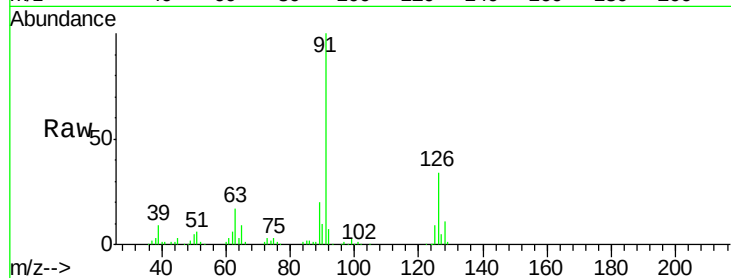
VSTDCCC050

Tot Ion: 91 Resp: 270192

Ion Ratio Lower Upper

91 100

126 33.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VD065876.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065876.D (-1862) (-)

300000

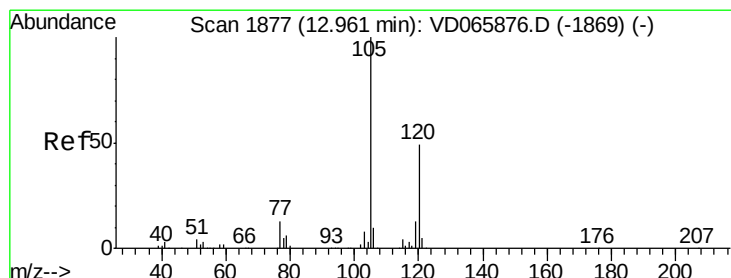
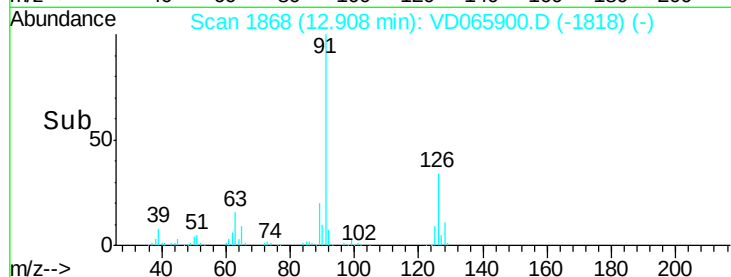
200000

100000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.537 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065900.D

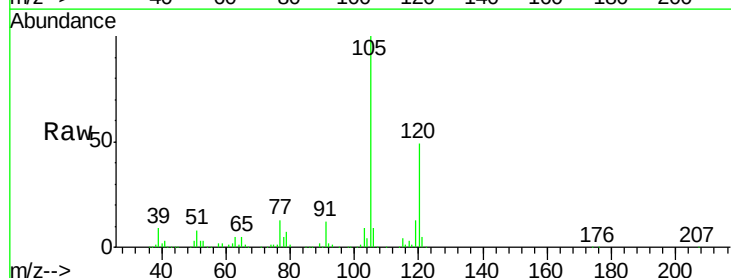
Acq: 01 Jul 2020 11:00

Tgt Ion: 105 Resp: 339548

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD065876.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065876.D (-1869) (-)

250000

200000

150000

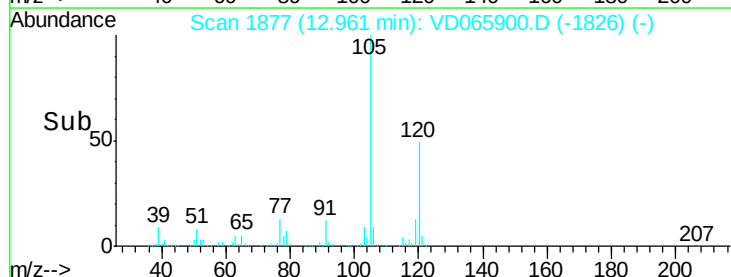
100000

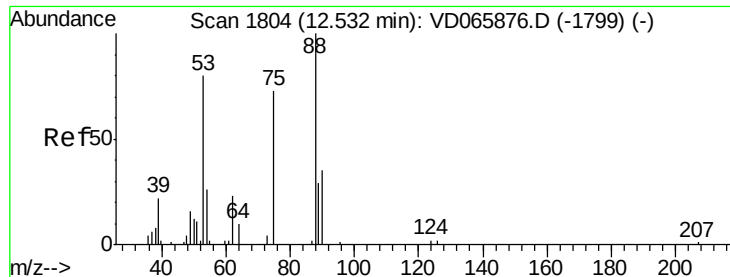
50000

0

12.90 12.96 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.946 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

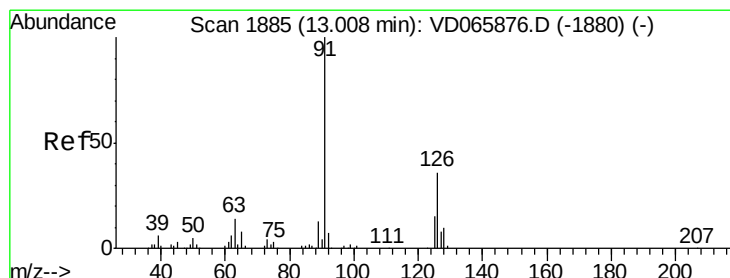
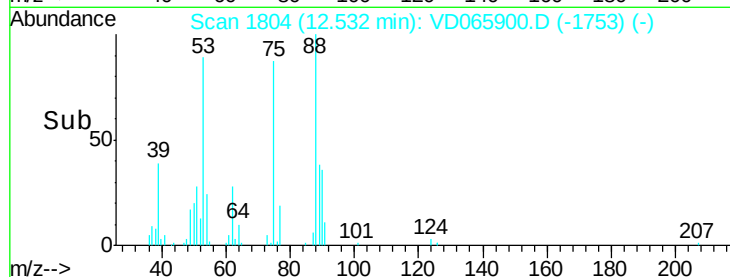
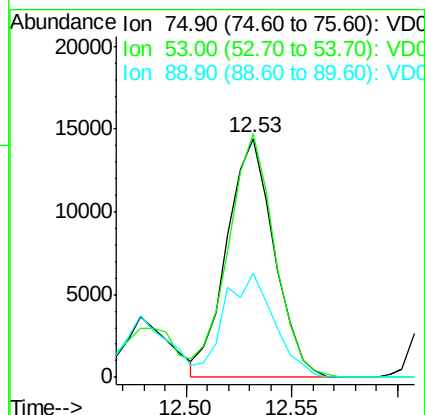
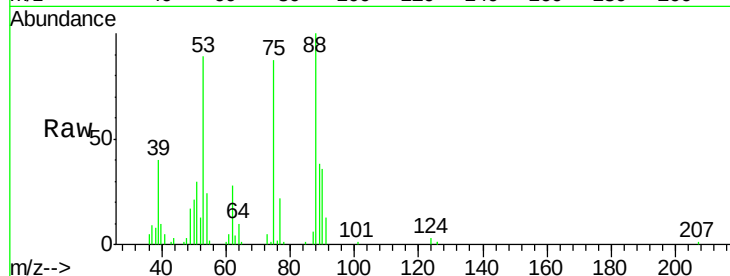
Tot Ion: 75 Resp: 22341

Ion Ratio Lower Upper

75 100

53 99.7 80.6 121.0

89 46.3 36.5 54.7



#82

4-Chlorotoluene

Concen: 48.144 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065900.D

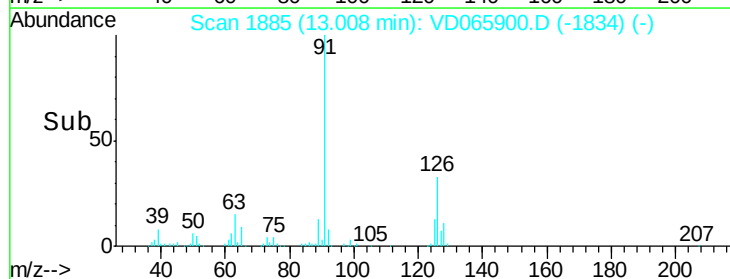
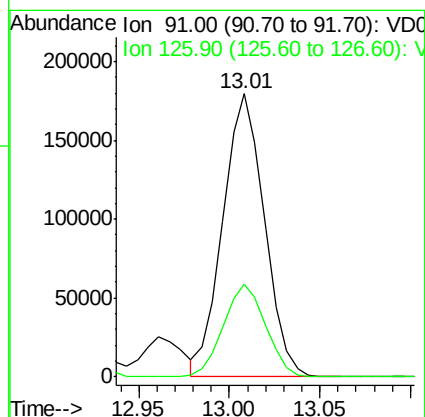
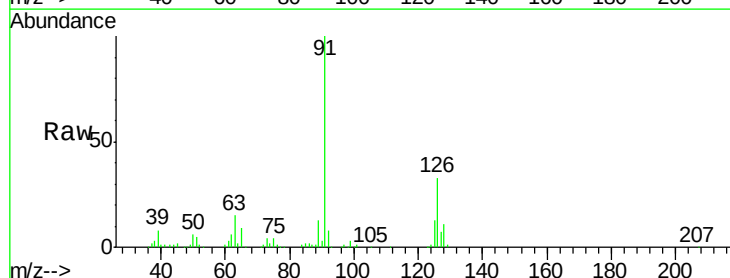
Acq: 01 Jul 2020 11:00

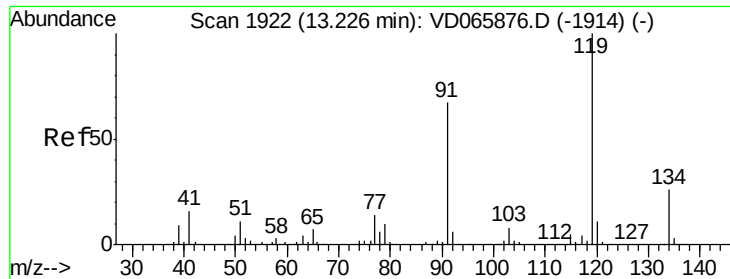
Tgt Ion: 91 Resp: 285697

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8

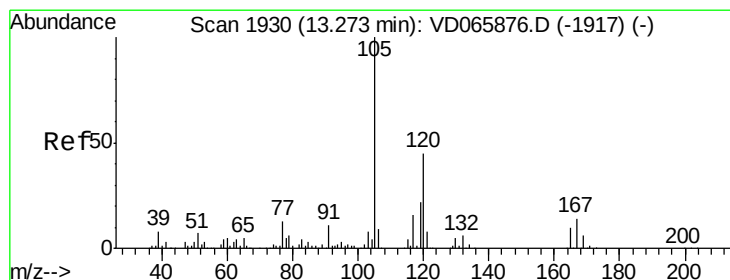
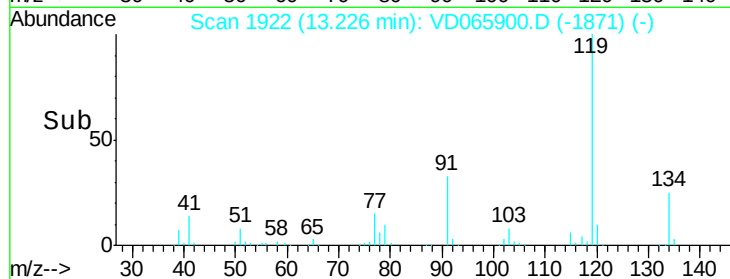
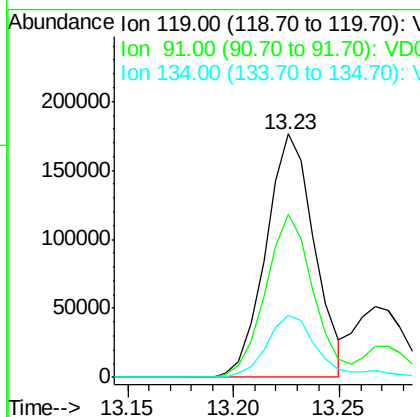
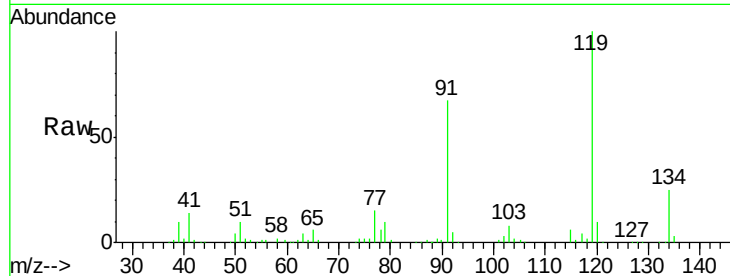




#83
 tert-Butylbenzene
 Concen: 47.721 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

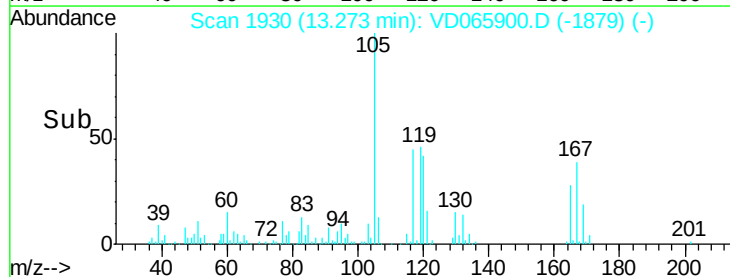
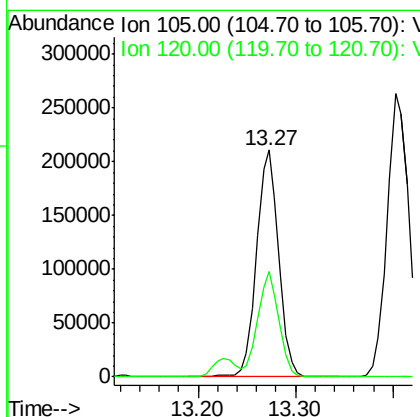
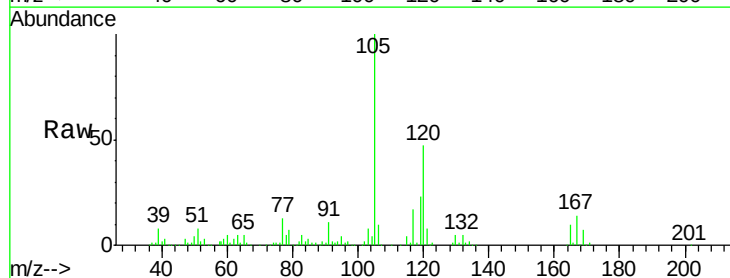
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

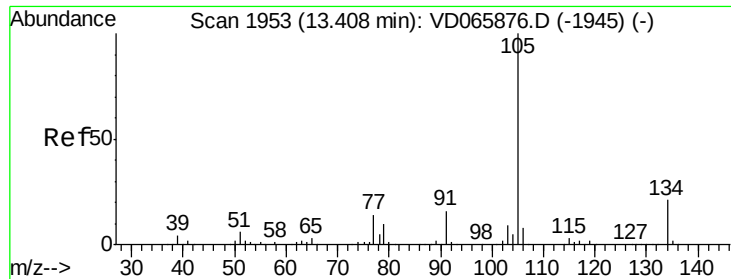
Tot Ion:119 Resp: 280944
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.2 96.6
 134 27.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.726 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion:105 Resp: 335781
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.657 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

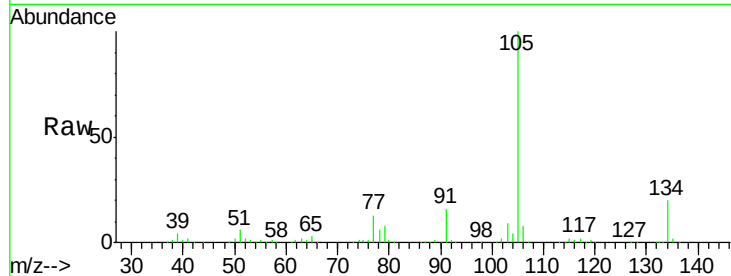
VSTDCCC050

Tot Ion:105 Resp: 408216

Ion Ratio Lower Upper

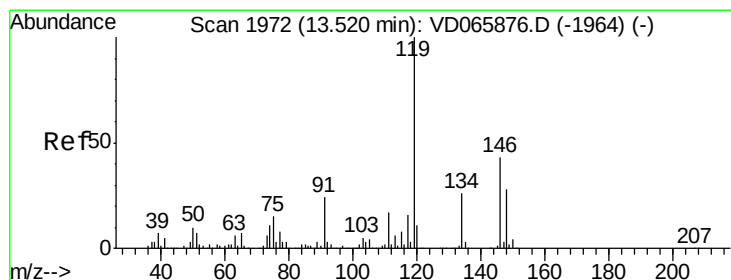
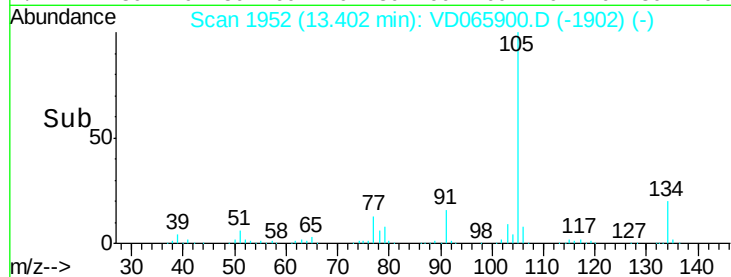
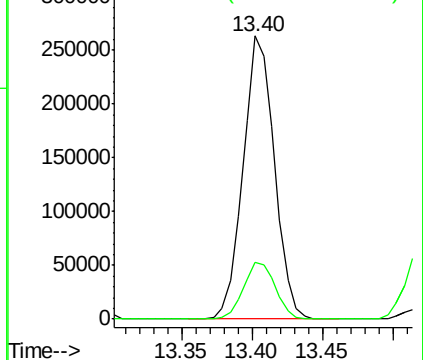
105 100

134 20.5 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.929 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

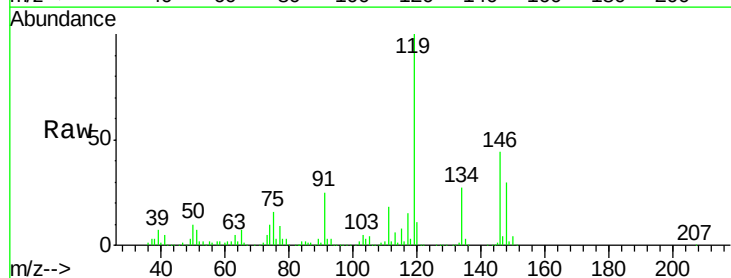
Tgt Ion:119 Resp: 380482

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

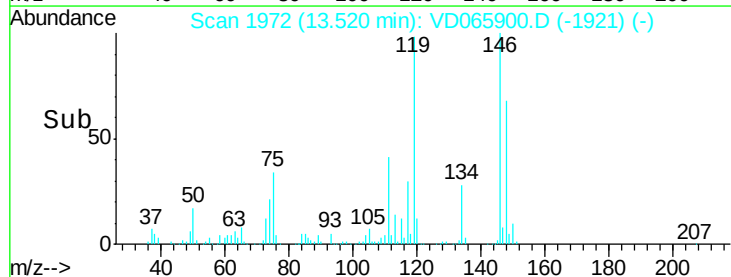
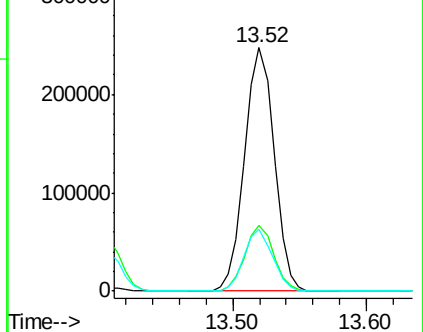
91 24.6 12.0 36.1

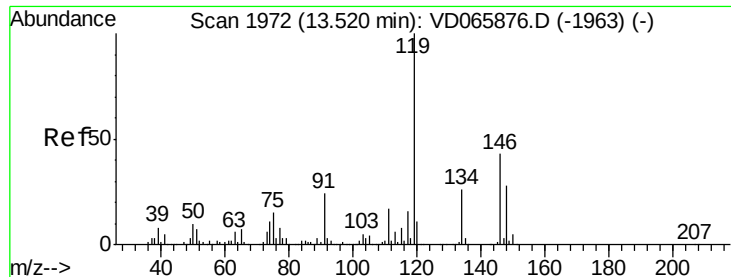


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.802 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

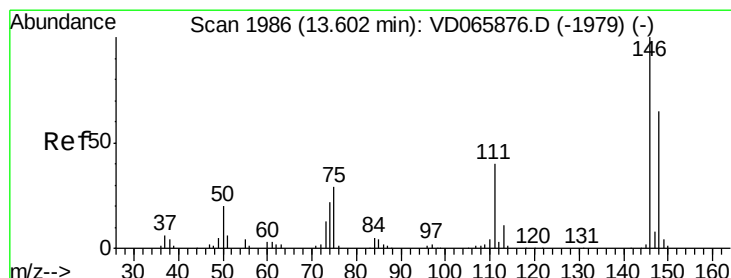
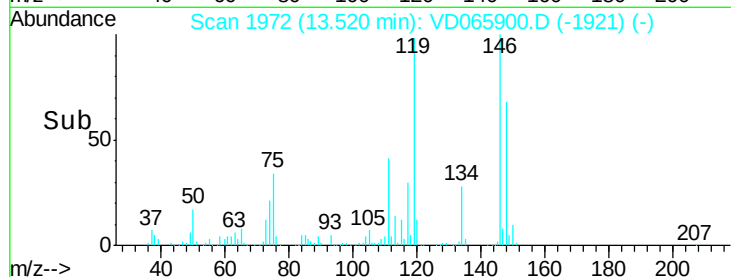
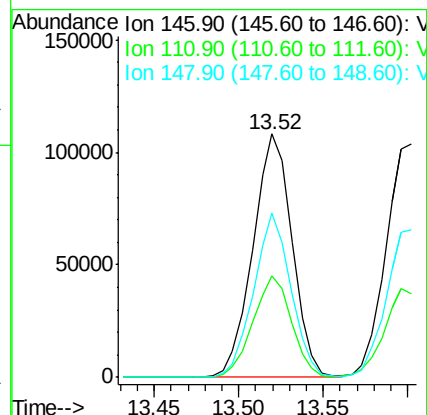
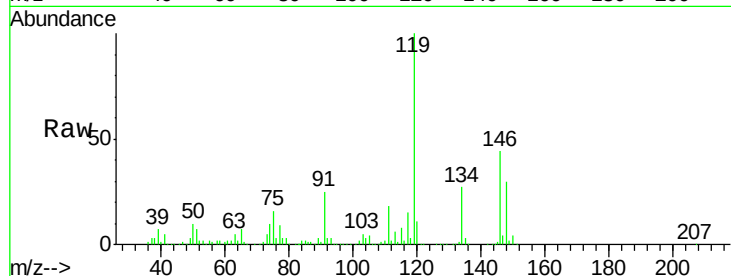
Tot Ion:146 Resp: 174737

Ion Ratio Lower Upper

146 100

111 41.0 19.4 58.4

148 64.3 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 46.964 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065900.D

Acq: 01 Jul 2020 11:00

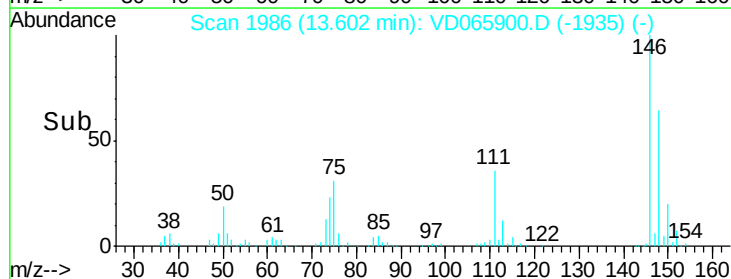
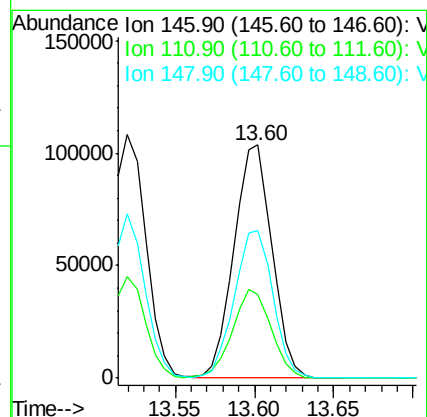
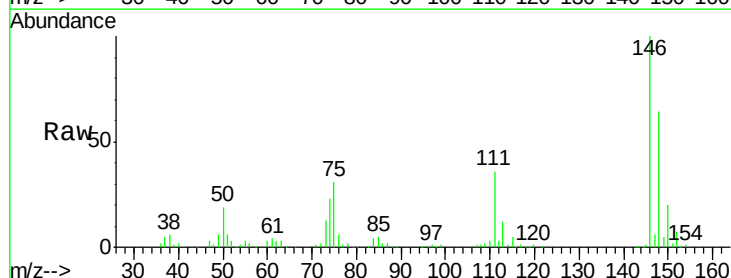
Tgt Ion:146 Resp: 172719

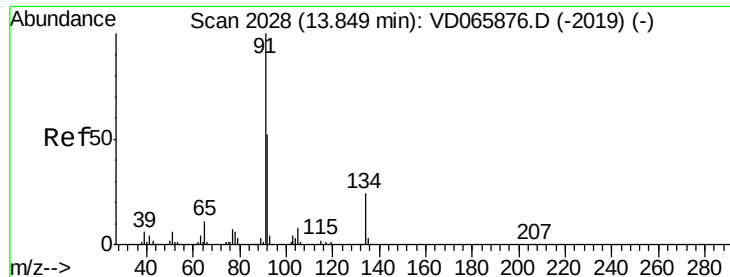
Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.6

148 64.1 32.5 97.4

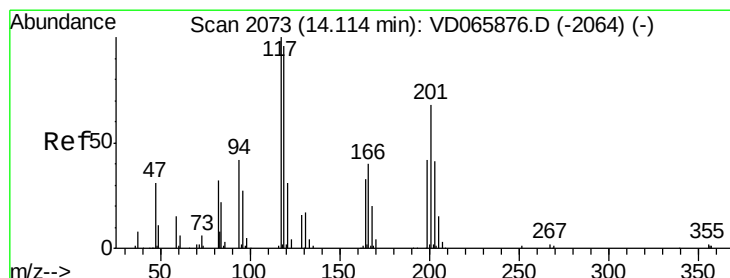
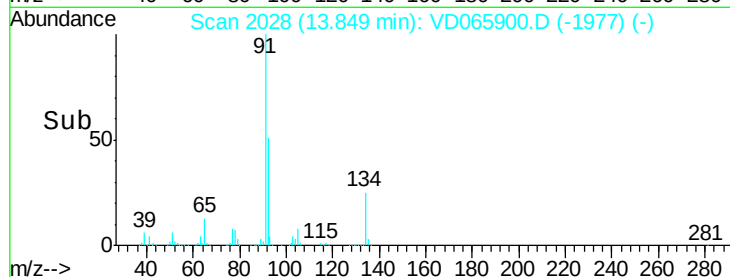
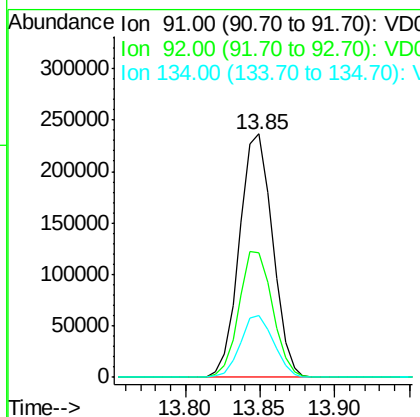
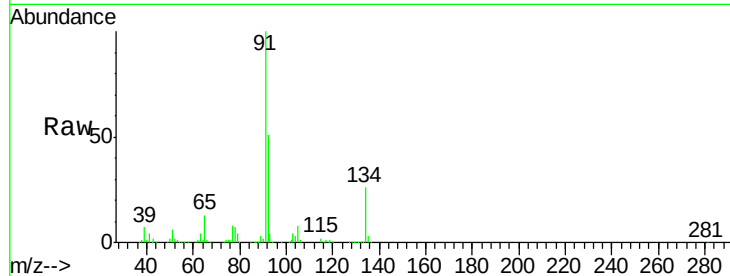




#89
n-Butylbenzene
Concen: 49.148 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

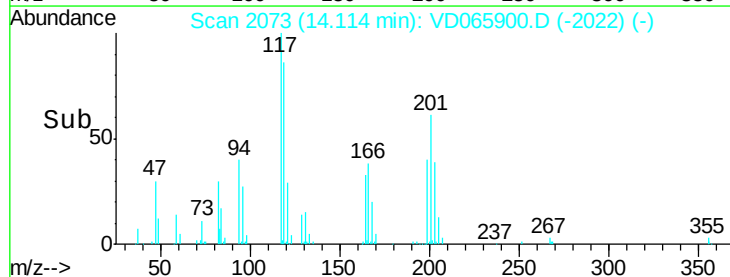
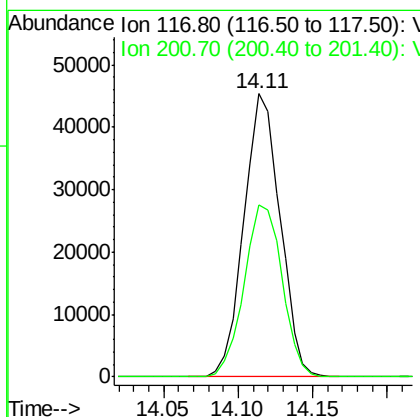
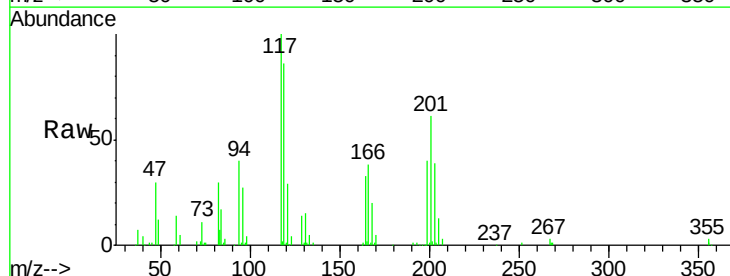
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

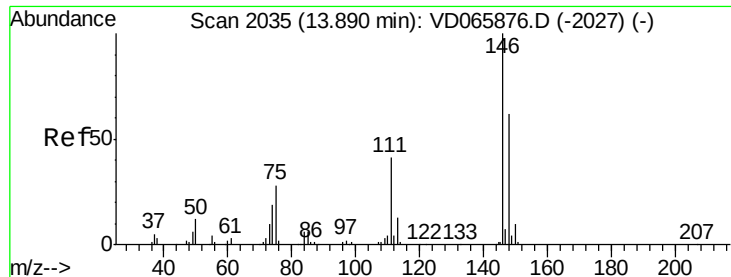
Tot Ion: 91 Resp: 365207
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.4
134 25.4 12.4 37.2



#90
Hexachloroethane
Concen: 48.861 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion: 117 Resp: 75984
Ion Ratio Lower Upper
117 100
201 63.9 35.1 105.5

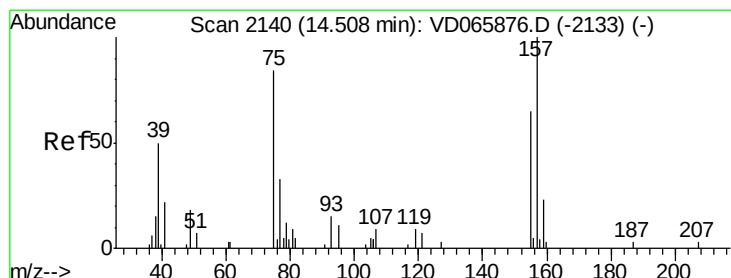
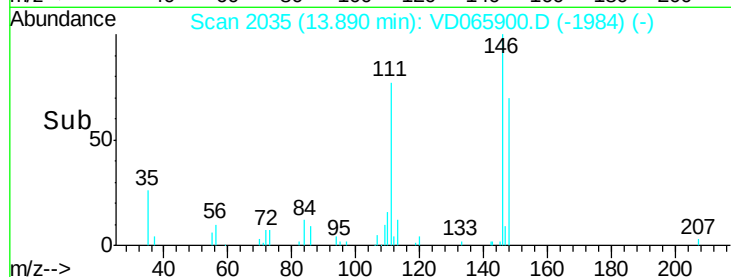
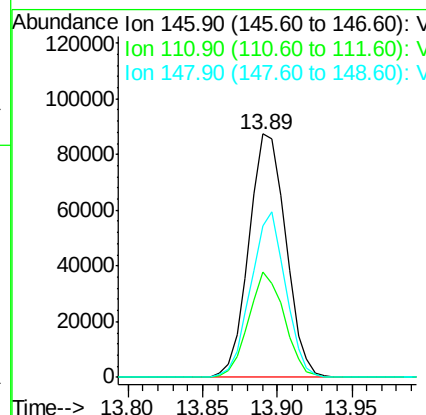
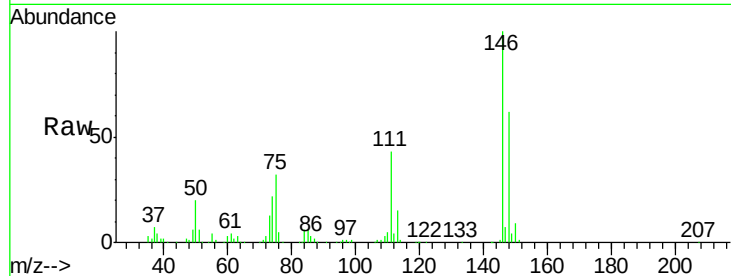




#91
 1,2-Dichlorobenzene
 Concen: 46.651 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

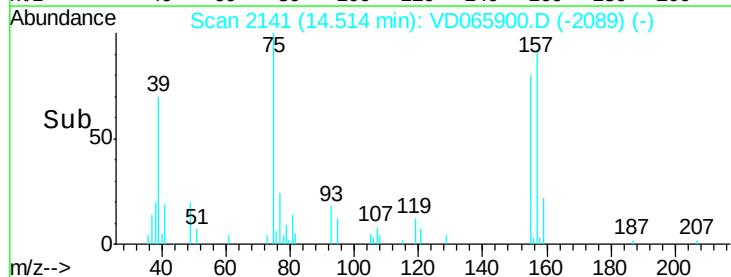
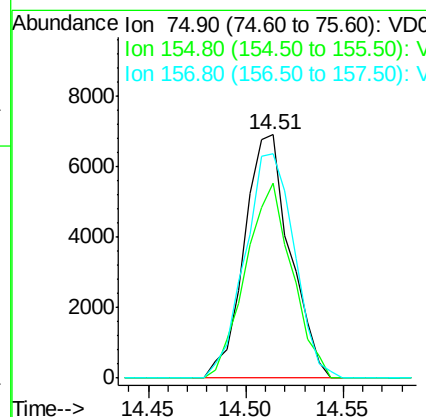
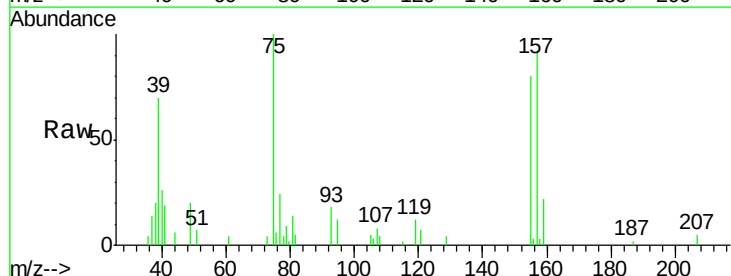
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

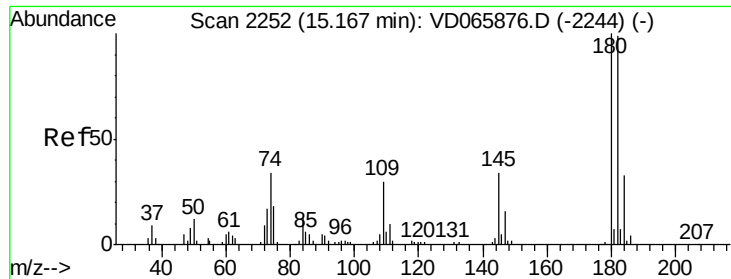
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.4
148	64.0	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.630 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.8	113.3
157	99.6	50.6	151.8

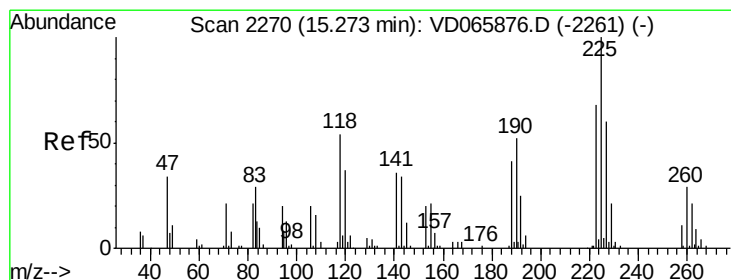
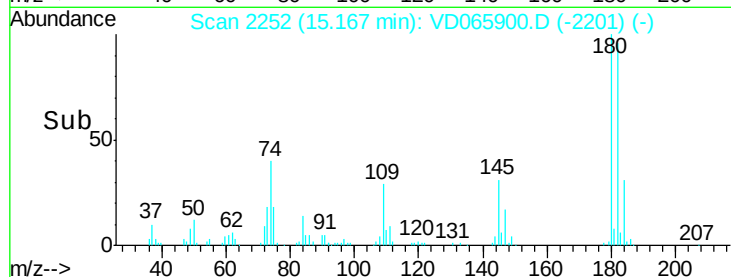
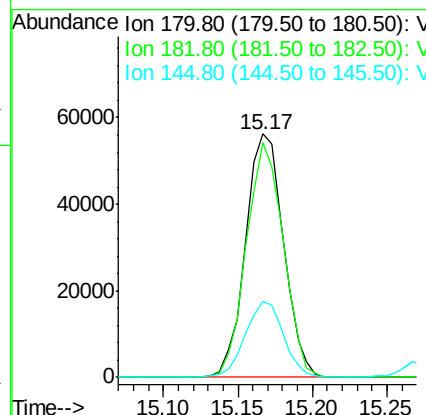
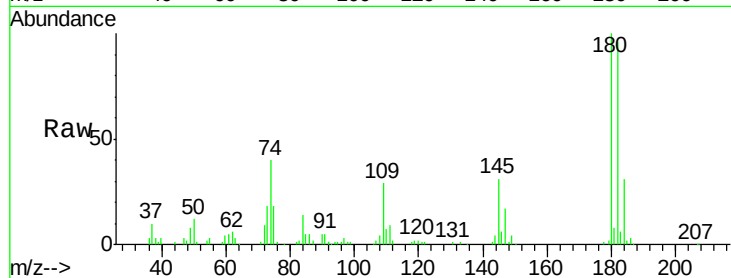




#93
 1,2,4-Trichlorobenzene
 Concen: 48.852 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

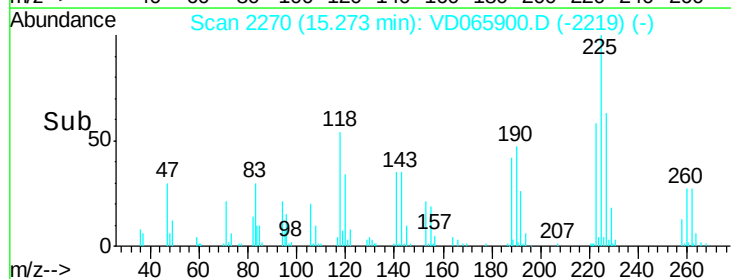
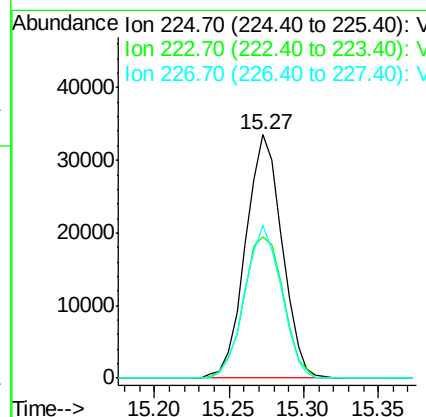
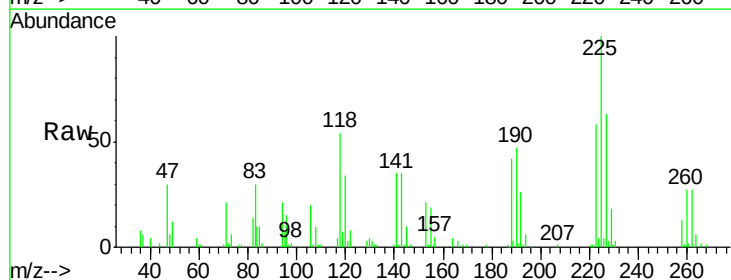
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

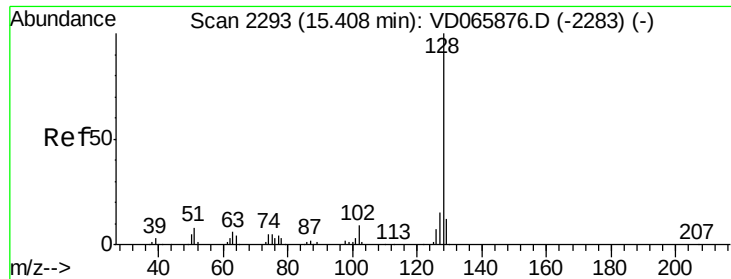
Tot Ion:180 Resp: 99178
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.7 143.1
 145 31.2 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 48.840 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065900.D
 Acq: 01 Jul 2020 11:00

Tgt Ion:225 Resp: 56555
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 62.6 30.1 90.3

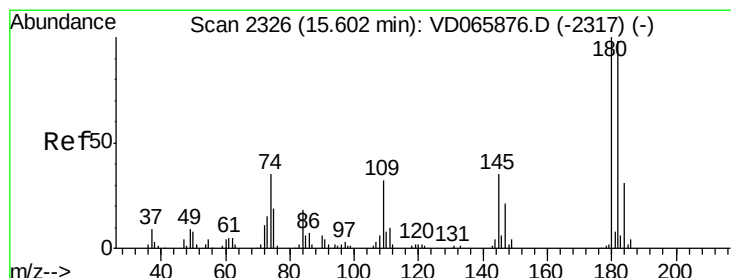
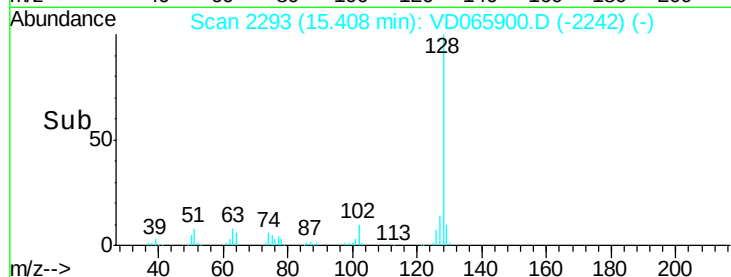
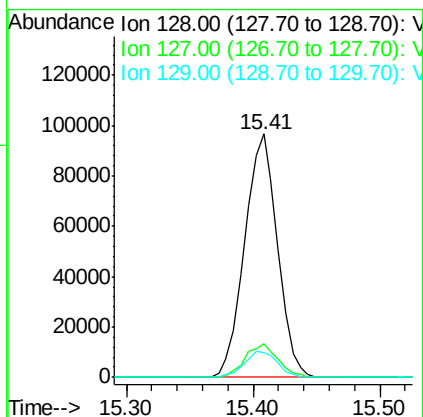
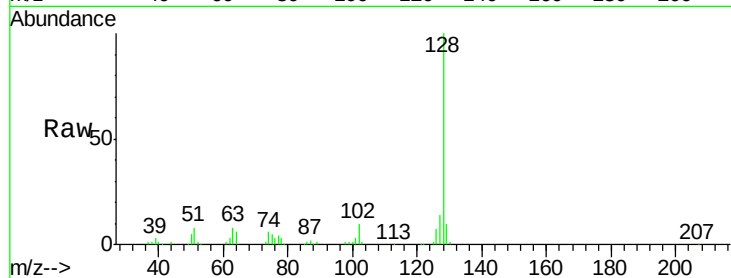




#95
Naphthalene
Concen: 47.663 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 173729
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.310 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065900.D
Acq: 01 Jul 2020 11:00

Tgt Ion:180 Resp: 83536
Ion Ratio Lower Upper
180 100
182 92.9 48.9 146.6
145 33.4 16.6 49.7

