

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065710.D
 Acq On : 07 May 2020 13:51
 Operator : VA/SY
 Sample : L2531-01
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-(1-2)

Quant Time: May 08 06:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	434330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	715687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	634719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295105	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	206642	47.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.00%	
35) Dibromofluoromethane	7.92	113	220742	49.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	858343	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.64	95	283957	46.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.26%	

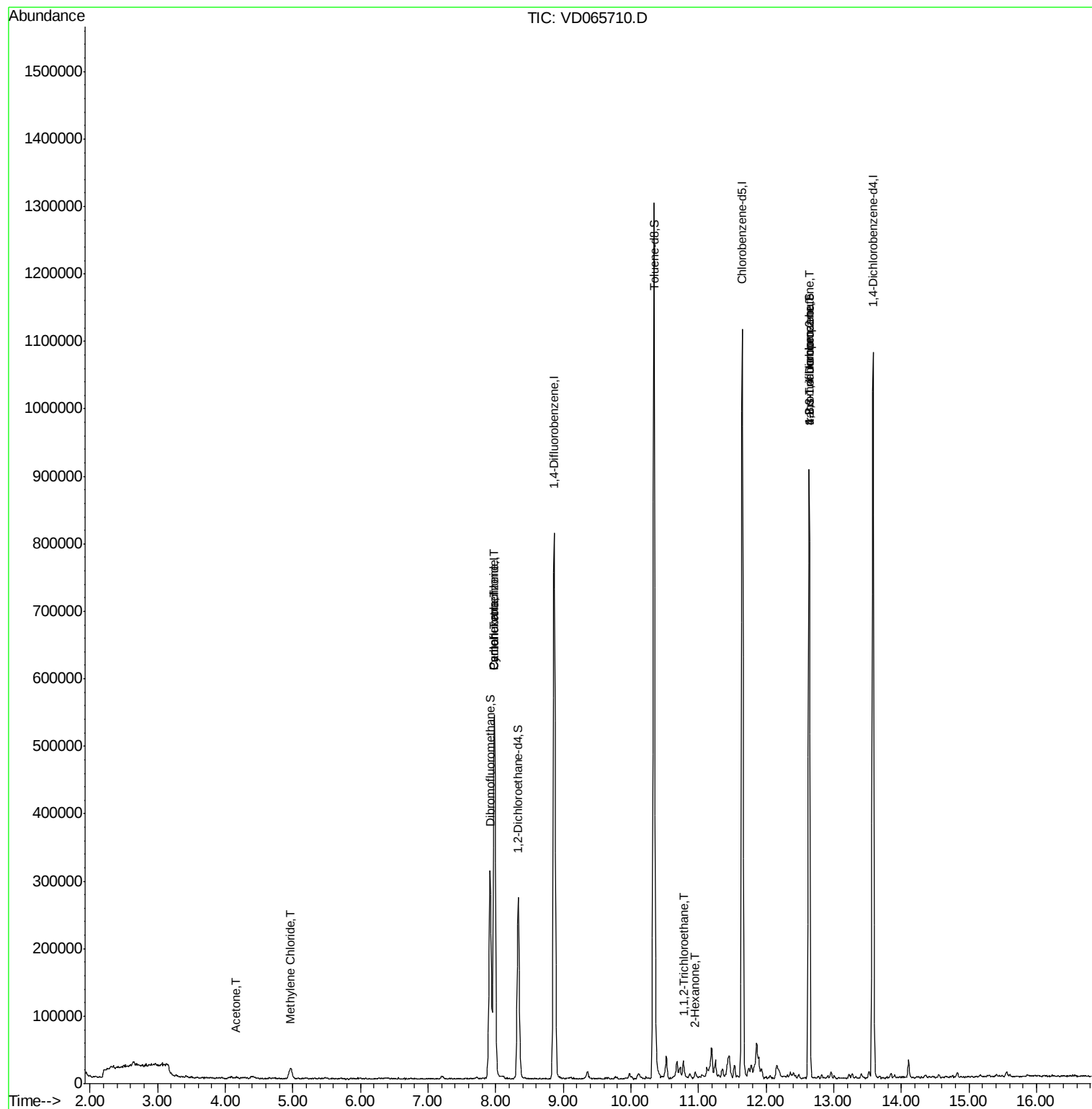
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	3126	3.37	ug/l	92
20) Methylene Chloride	4.97	84	12292	2.63	ug/l #	82
31) Cyclohexane	7.98	56	10138	1.16	ug/l #	1
38) Carbon Tetrachloride	7.98	117	39846	5.65	ug/l #	16
55) 1,1,2-Trichloroethane	10.77	97	10427	3.07	ug/l #	21
59) 2-Hexanone	10.96	43	4712	2.08	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	142651	57.23	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	142651	101.31	ug/l #	12

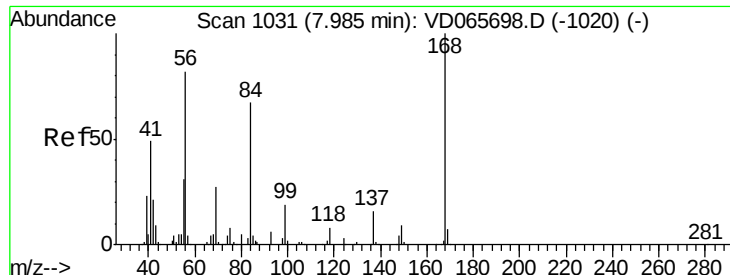
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Instrument :

MSVOA_D

ClientSampleId :

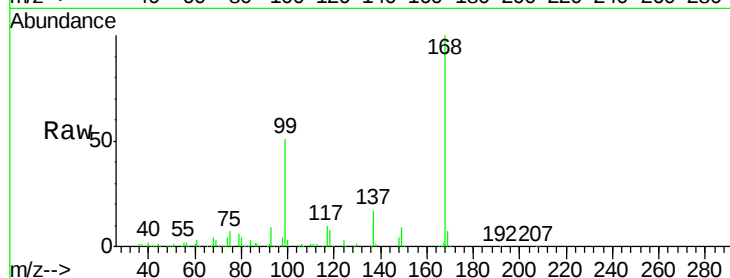
TP-14-(1-2)

Tgt Ion:168 Resp: 434330

Ion Ratio Lower Upper

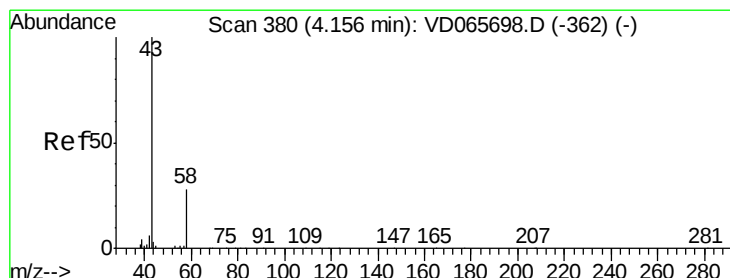
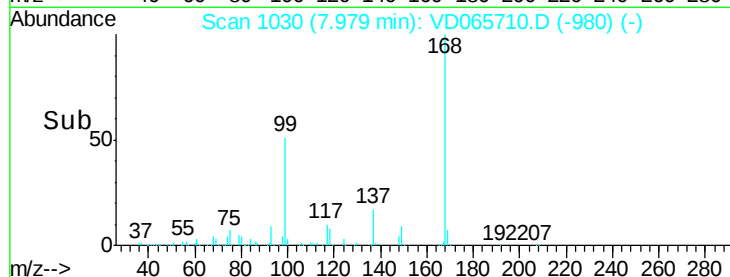
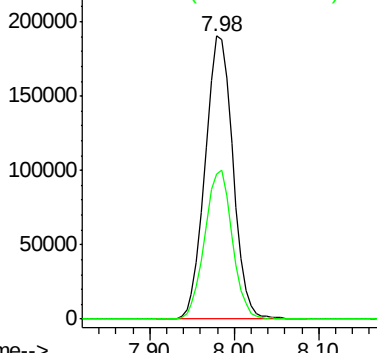
168 100

99 51.0 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 3.37 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065710.D

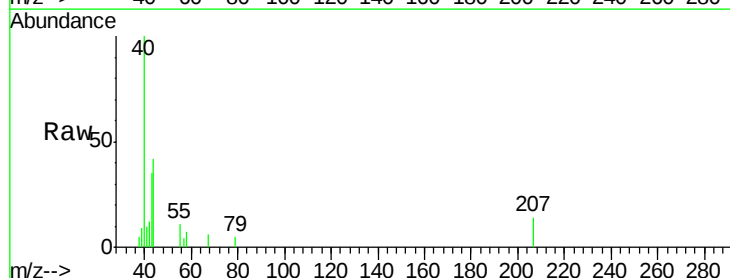
Acq: 07 May 2020 13:51

Tgt Ion: 43 Resp: 3126

Ion Ratio Lower Upper

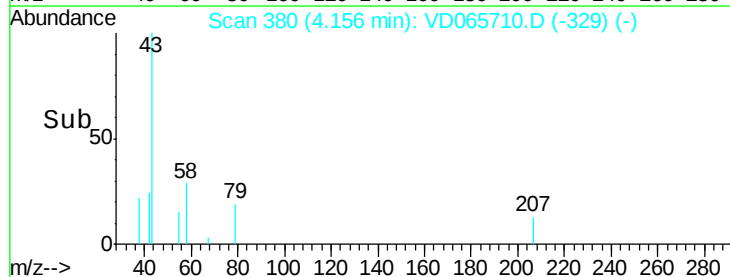
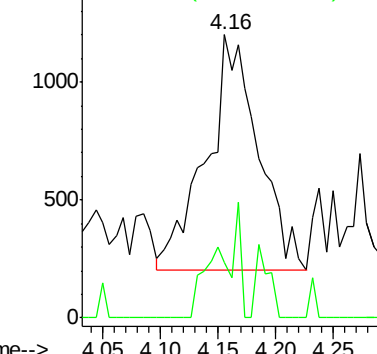
43 100

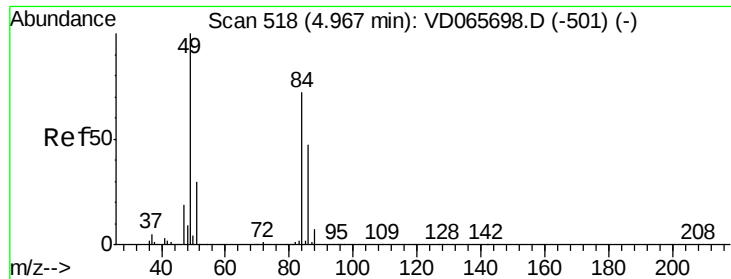
58 23.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

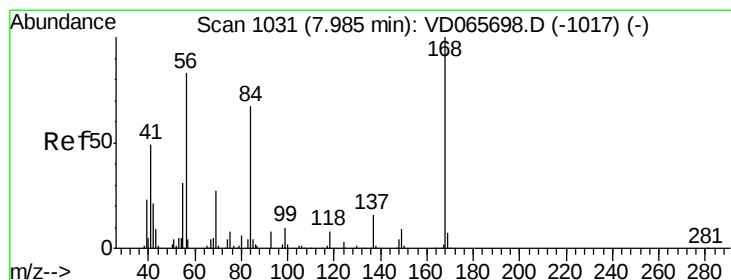
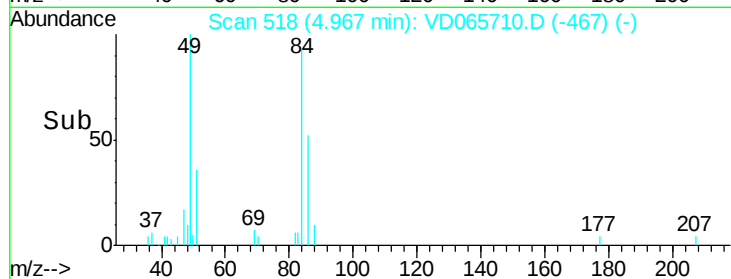
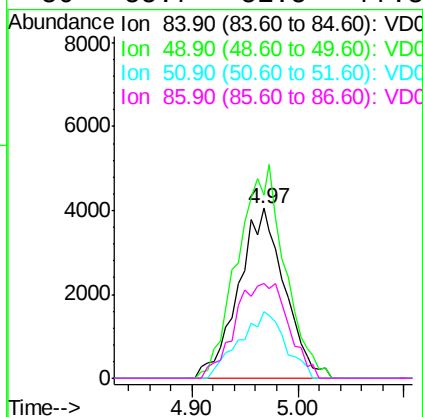
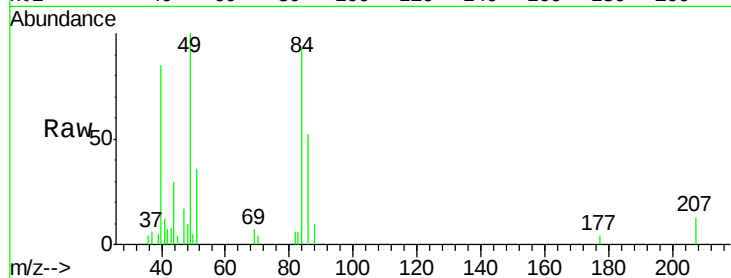




#20
Methylene Chloride
Concen: 2.63 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

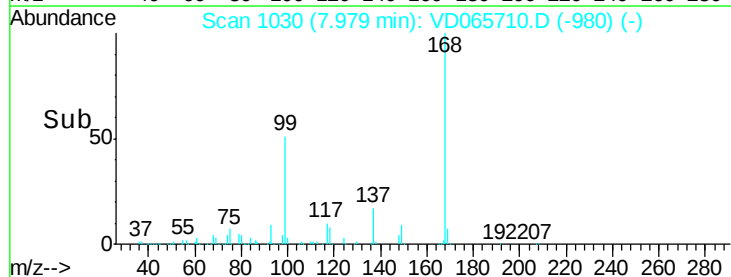
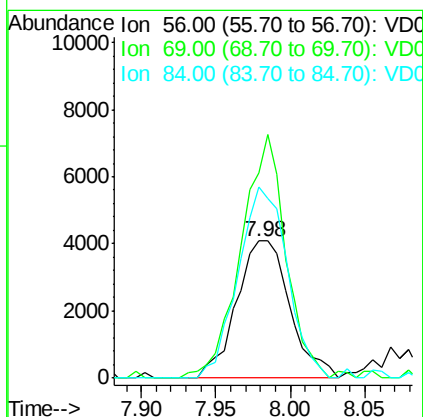
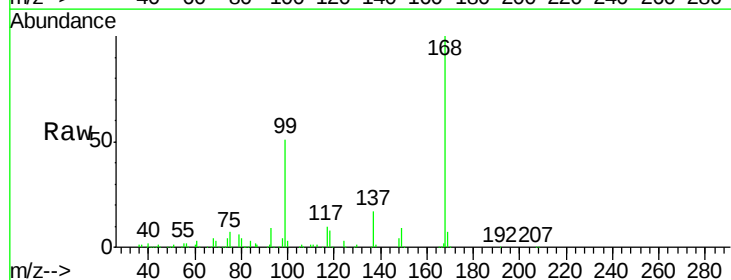
Instrument :
MSVOA_D
ClientSampleId :
TP-14-(1-2)

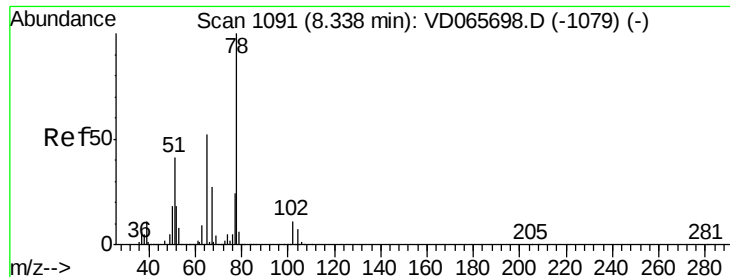
Tgt Ion: 84 Resp: 12292
Ion Ratio Lower Upper
84 100
49 108.0 110.4 165.6#
51 39.0 33.4 50.2
86 55.7 51.5 77.3



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

Tgt Ion: 56 Resp: 10138
Ion Ratio Lower Upper
56 100
69 144.8 26.3 39.5#
84 139.4 64.5 96.7#





#33

1,2-Dichloroethane-d4

Concen: 47.50 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Instrument :

MSVOA_D

ClientSampled :

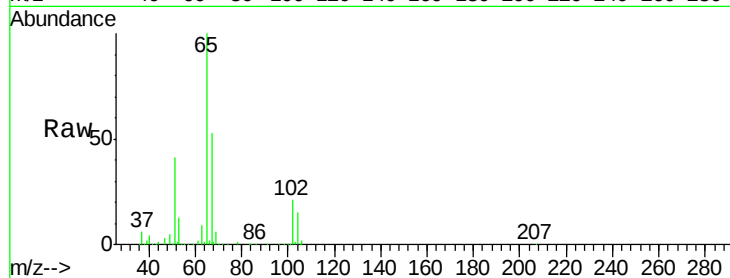
TP-14-(1-2)

Tgt Ion: 65 Resp: 206642

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

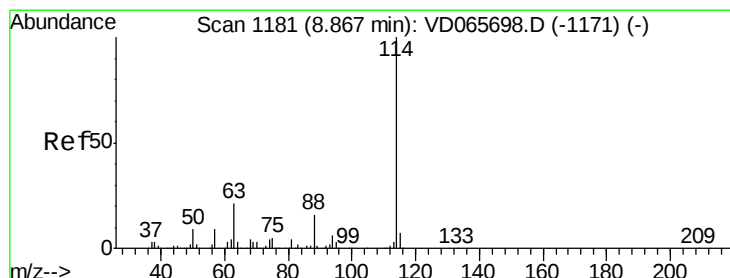
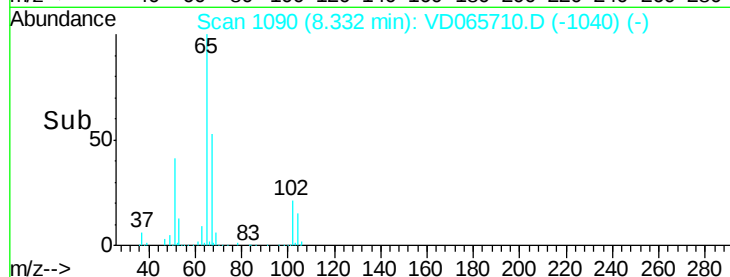
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

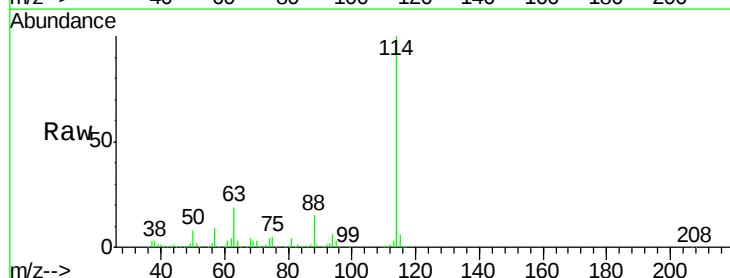
Tgt Ion: 114 Resp: 715687

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

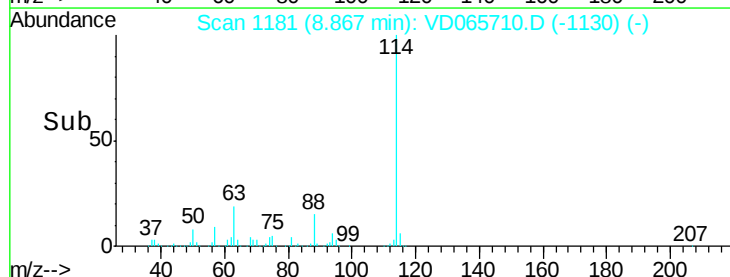
300000

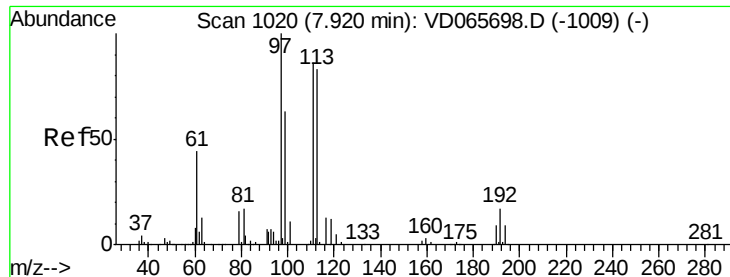
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

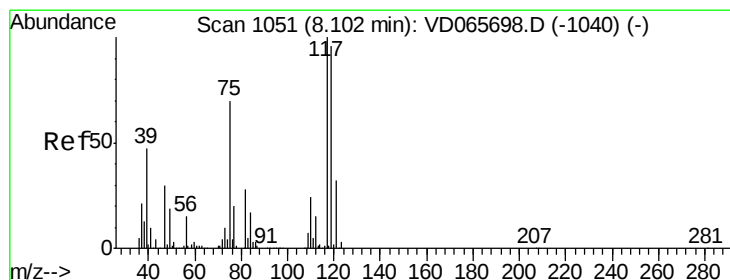
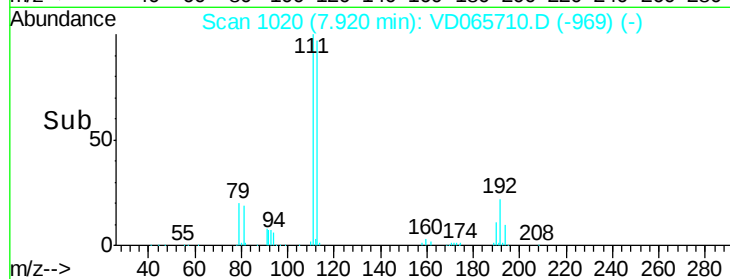
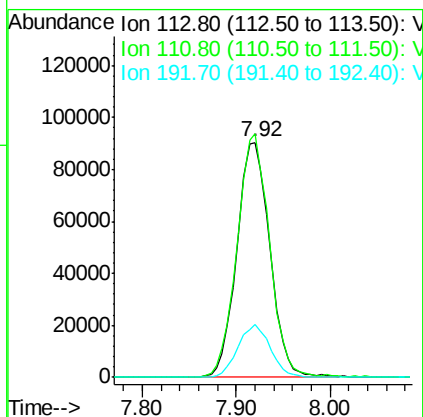
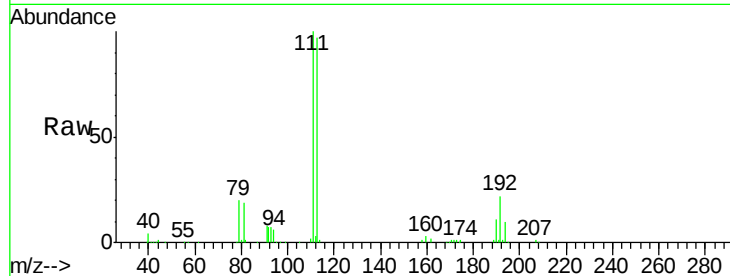




#35
 Dibromofluoromethane
 Concen: 49.35 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

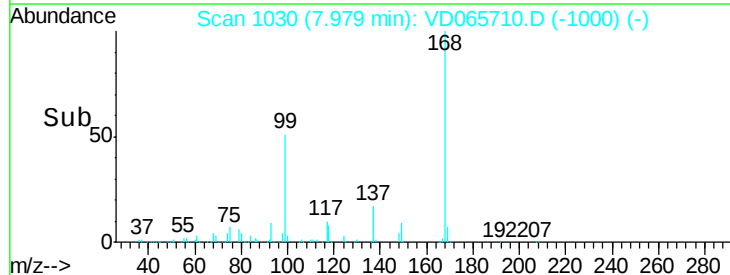
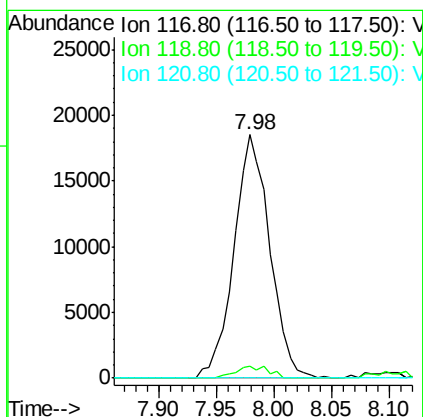
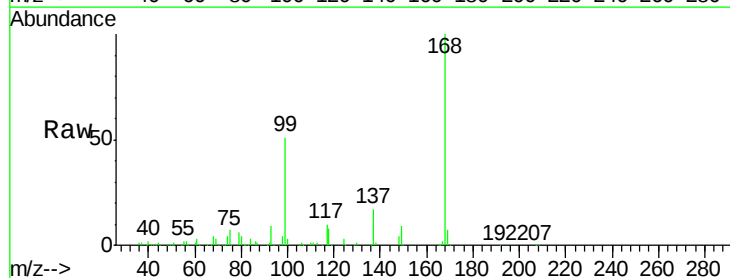
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-(1-2)

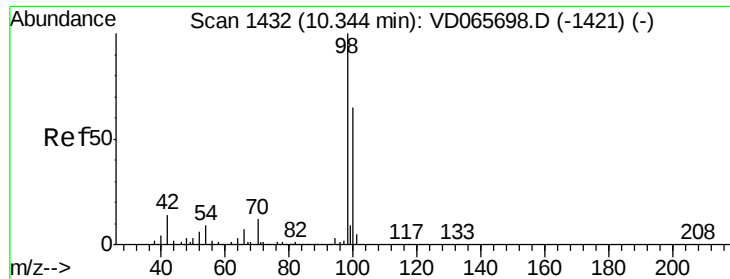
Tgt Ion:113 Resp: 220742
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 22.1 17.0 25.4



#38
 Carbon Tetrachloride
 Concen: 5.65 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

Tgt Ion:117 Resp: 39846
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.1 115.7#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 49.97 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Instrument :

MSVOA_D

ClientSampled :

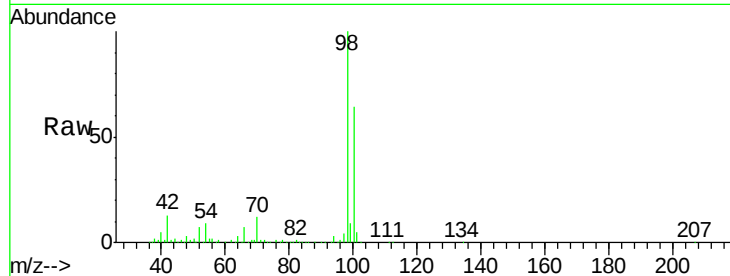
TP-14-(1-2)

Tgt Ion: 98 Resp: 858343

Ion Ratio Lower Upper

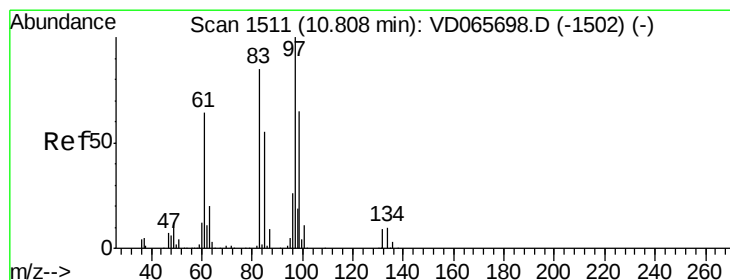
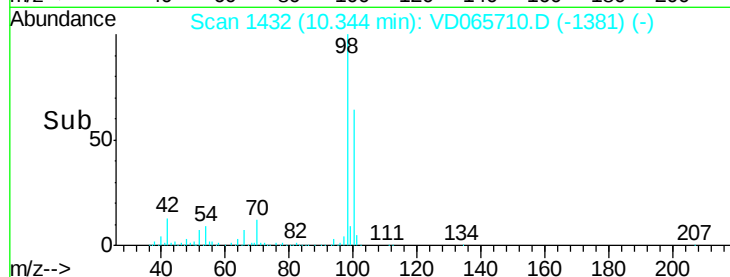
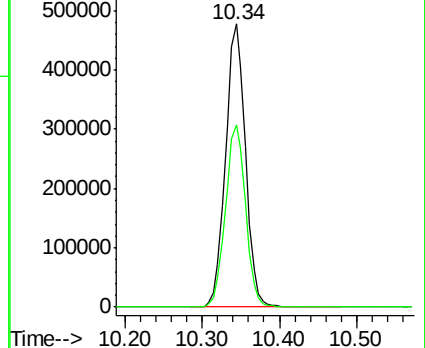
98 100

100 64.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#55

1,1,2-Trichloroethane

Concen: 3.07 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.04 min

Lab File: VD065710.D

Acq: 07 May 2020 13:51

Tgt Ion: 97 Resp: 10427

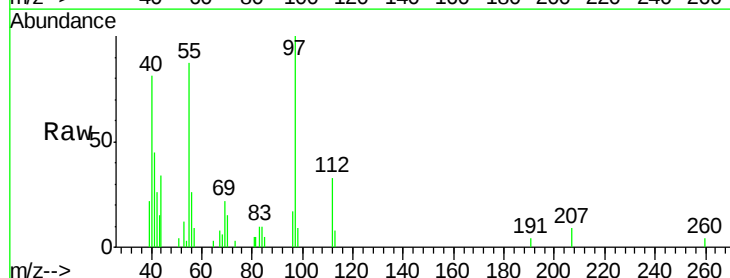
Ion Ratio Lower Upper

97 100

83 9.9 68.2 102.4#

85 4.9 43.6 65.4#

99 0.0 52.2 78.4#

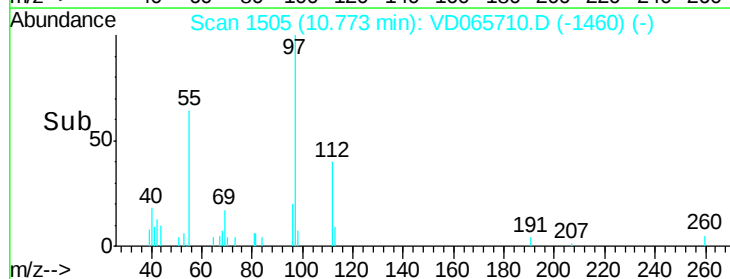
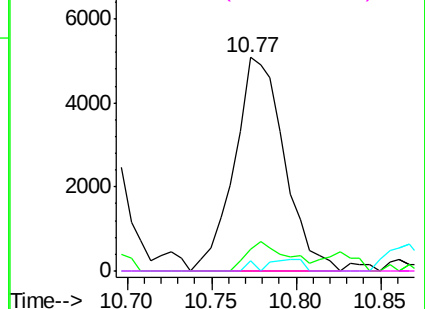


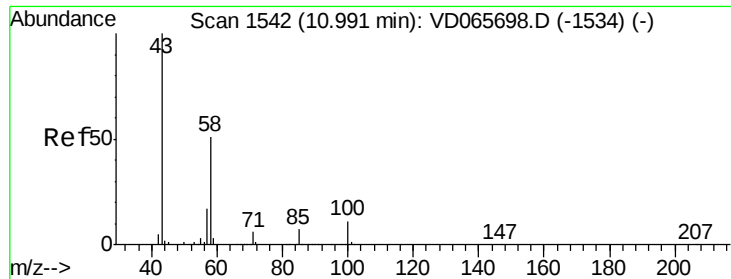
Abundance Ion 96.90 (96.60 to 97.60): VDC

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

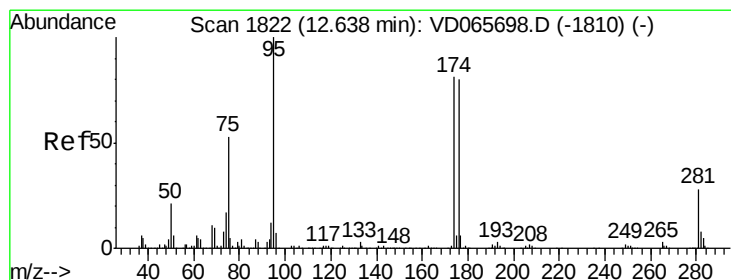
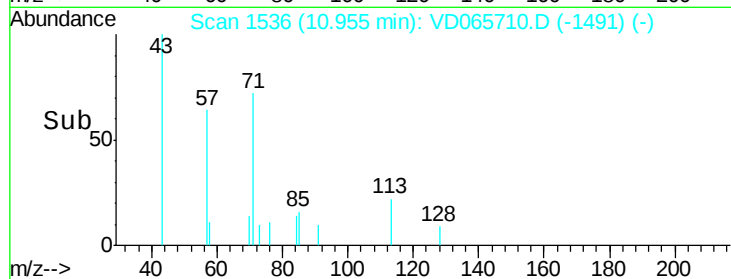
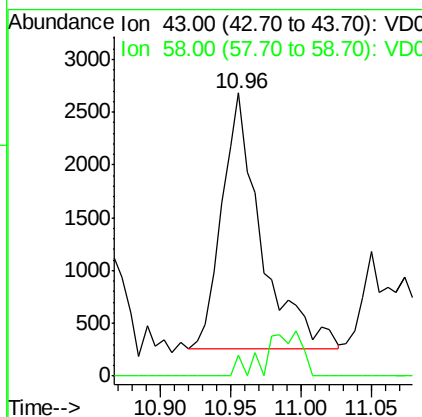
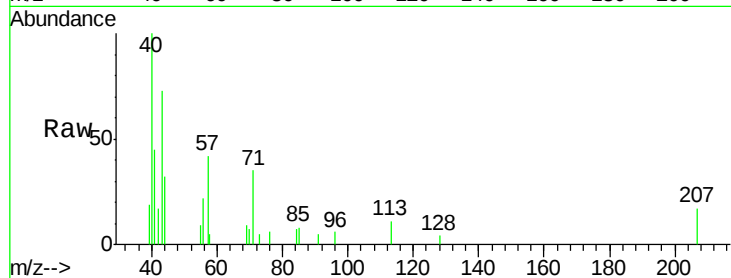




#59
2-Hexanone
Concen: 2.08 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

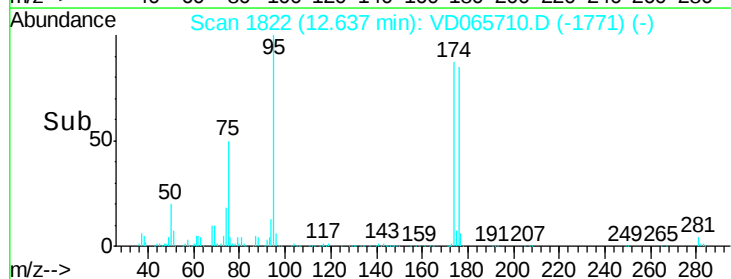
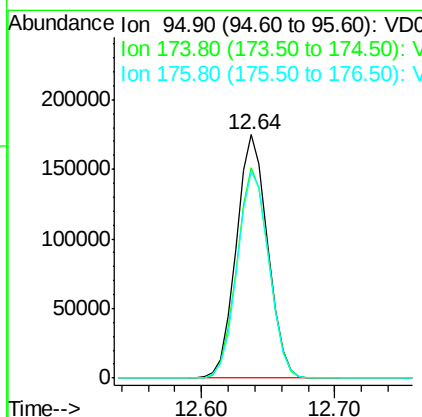
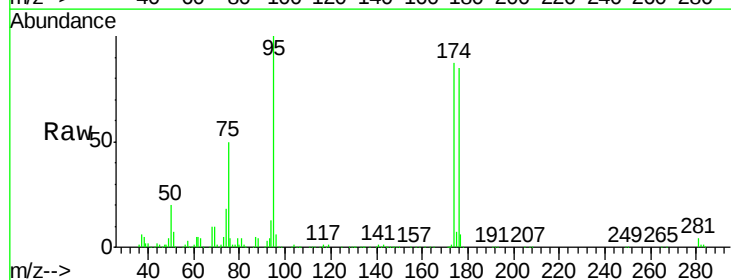
Instrument :
MSVOA_D
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TP-14-(1-2)

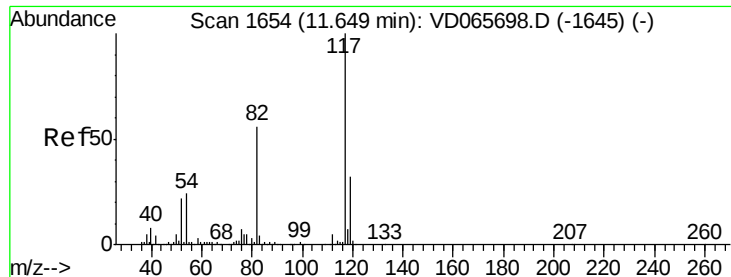
Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
58 1.5 25.4 76.0#



#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

Tgt Ion: 95 Resp: 283957
Ion Ratio Lower Upper
95 100
174 87.4 0.0 162.6
176 85.8 0.0 159.0

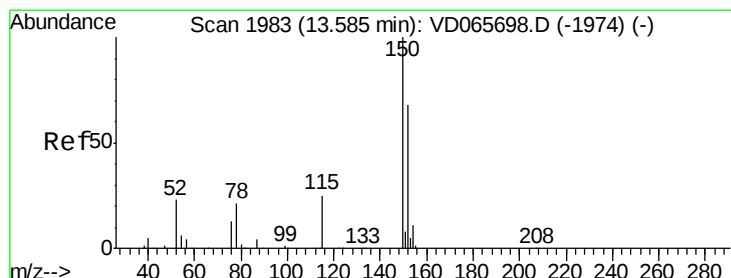
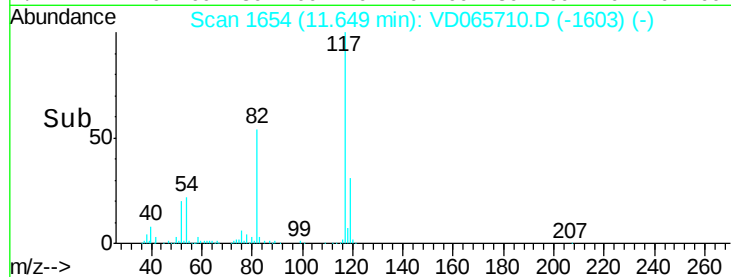
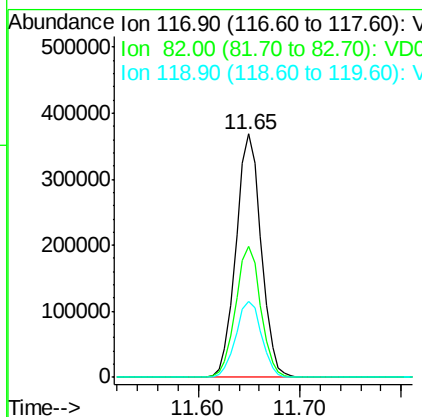
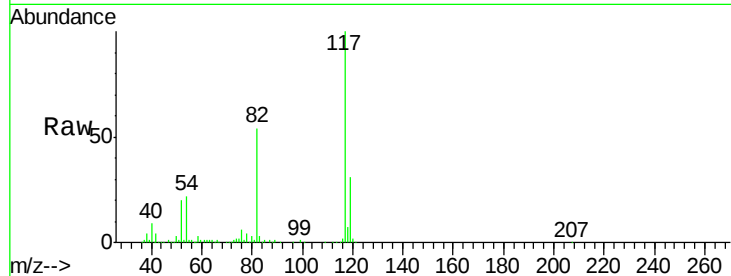




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

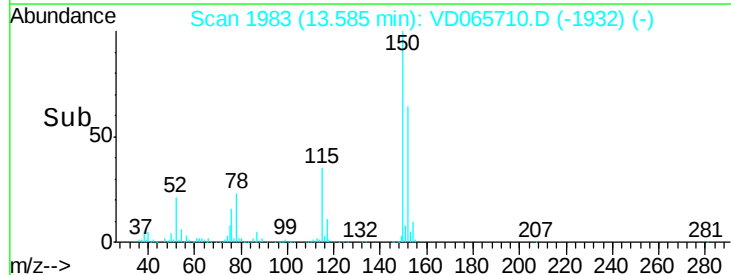
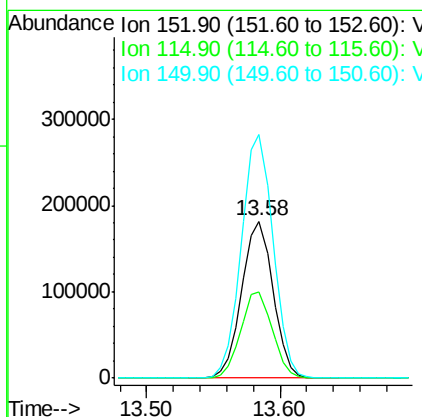
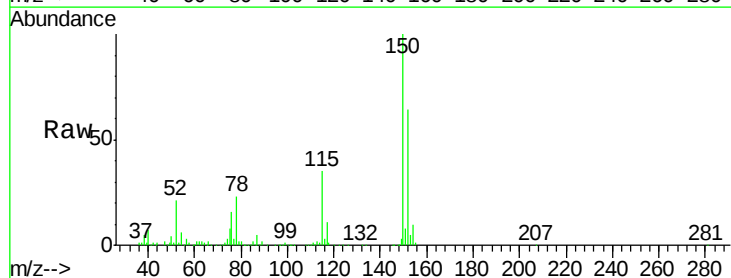
Instrument :
MSVOA_D
ClientSampleId :
TP-14-(1-2)

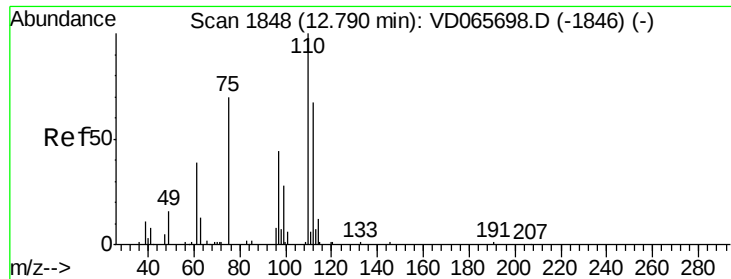
Tgt Ion:117 Resp: 634719
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065710.D
Acq: 07 May 2020 13:51

Tgt Ion:152 Resp: 295105
Ion Ratio Lower Upper
152 100
115 55.8 29.5 88.5
150 157.1 0.0 346.8

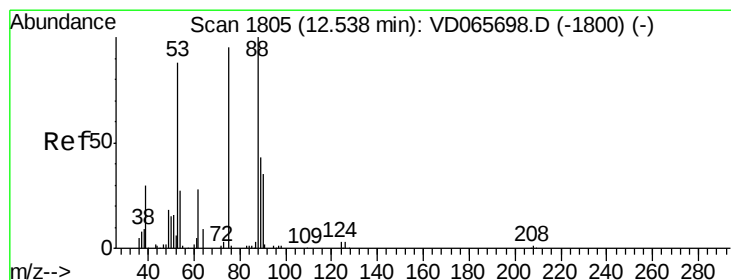
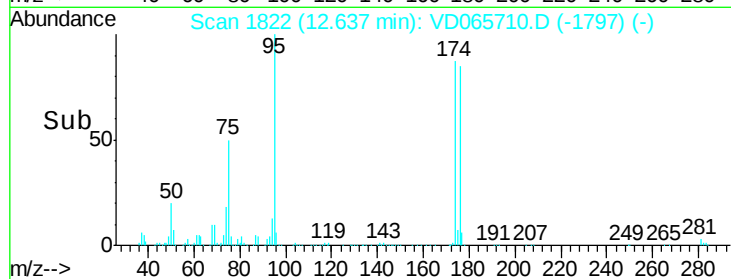
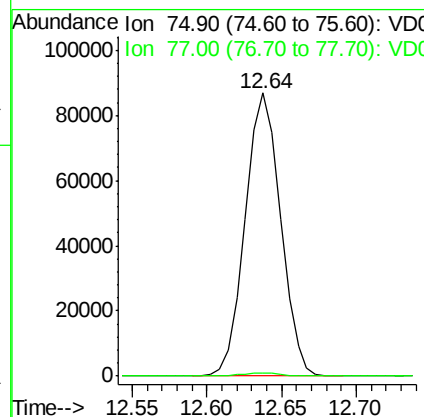
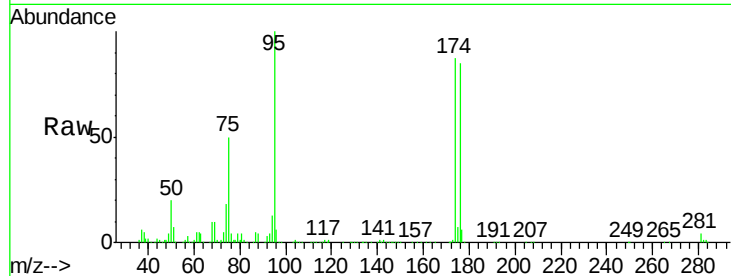




#76
 1,2,3-Trichloropropane
 Concen: 57.23 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-(1-2)

Tgt Ion: 75 Resp: 142651
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.31 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065710.D
 Acq: 07 May 2020 13:51

Tgt Ion: 75 Resp: 142651
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.1 36.2 54.2#

