

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067567.D
 Acq On : 09 Nov 2020 15:50
 Operator : VA/SY
 Sample : L4658-03
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

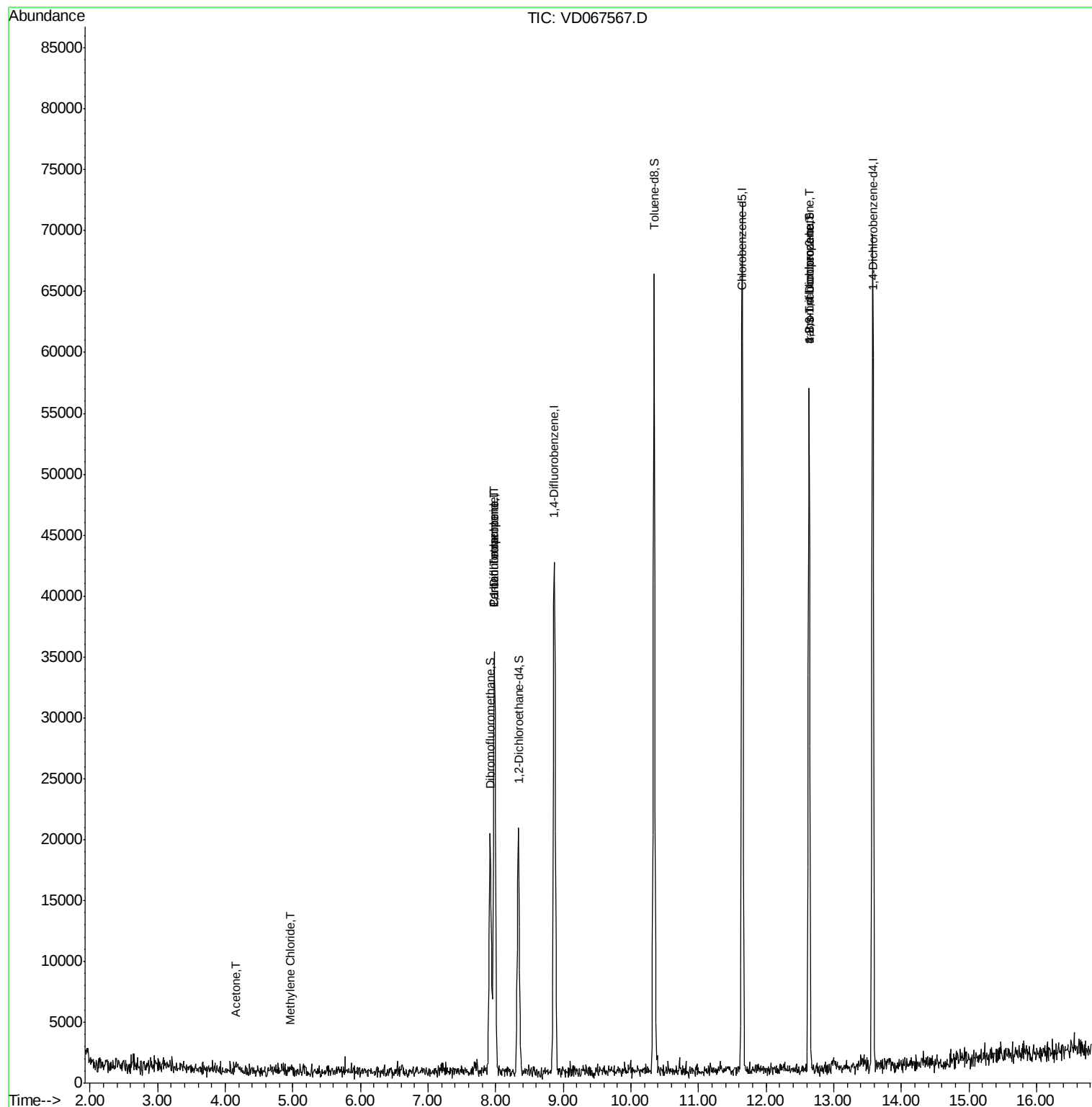
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	25514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	39570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	43386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	19874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	17468	78.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.60%	
35) Dibromofluoromethane	7.92	113	13999	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
50) Toluene-d8	10.34	98	44850	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.63	95	16795	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	1082	32.410	ug/l #	43
20) Methylene Chloride	4.97	84	275	1.166	ug/l #	60
36) 1,1-Dichloropropene	7.98	75	2068	6.105	ug/l #	39
38) Carbon Tetrachloride	7.97	117	2912	6.617	ug/l #	12
76) 1,2,3-Trichloropropane	12.64	75	8956	74.701	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	8956	151.663	ug/l #	10

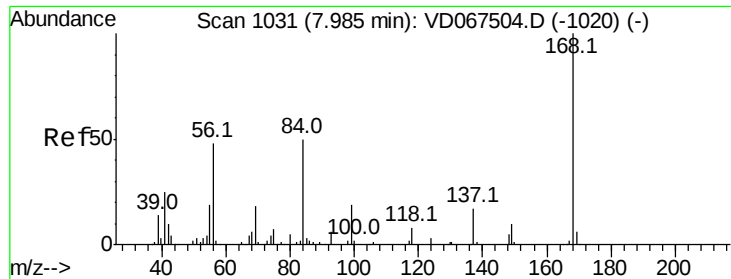
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067567.D

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Instrument :

MSVOA_D

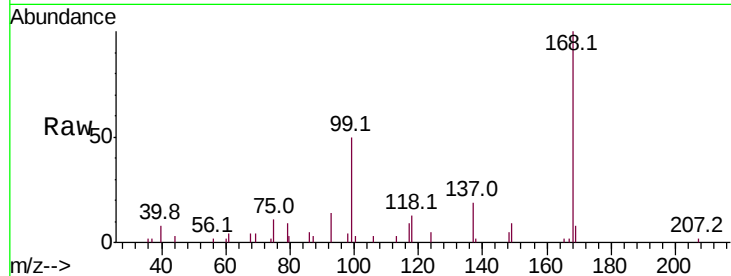
ClientSampleId :

Tot Ion:168 Resp: 25514

Ion Ratio Lower Upper

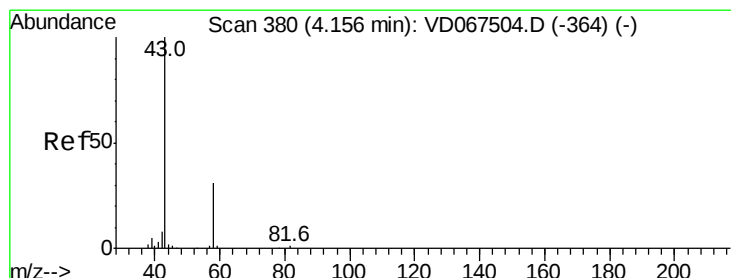
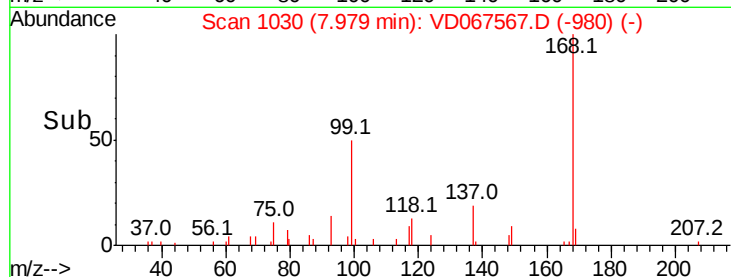
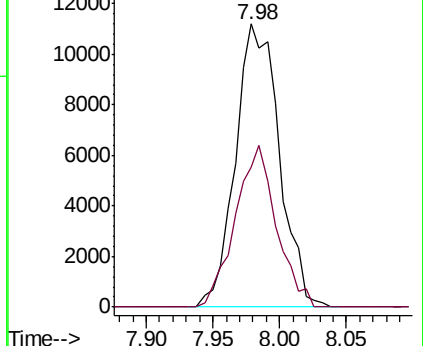
168 100

99 49.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 32.410 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067567.D

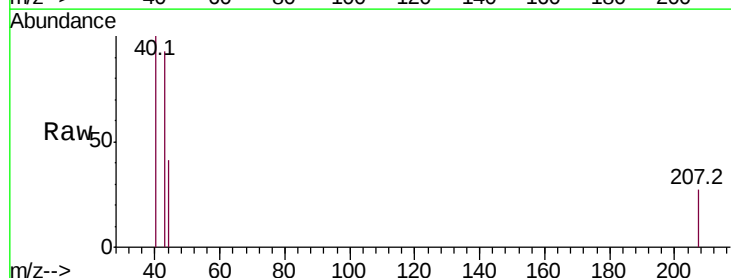
Acq: 09 Nov 2020 15:50

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

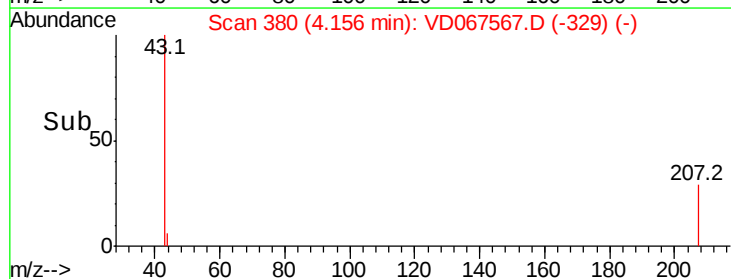
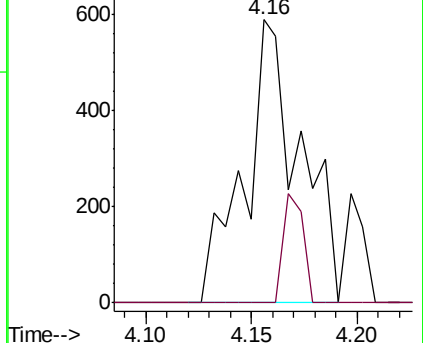
43 100

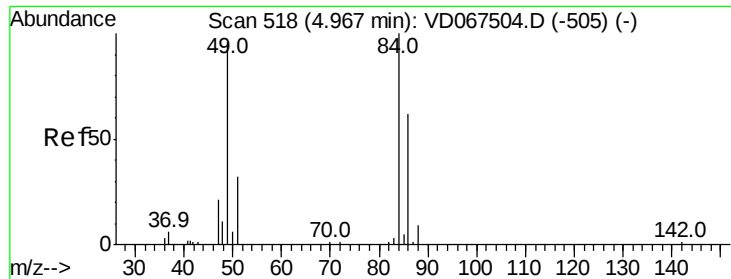
58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methvlene Chloride

Concen: 1.166 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

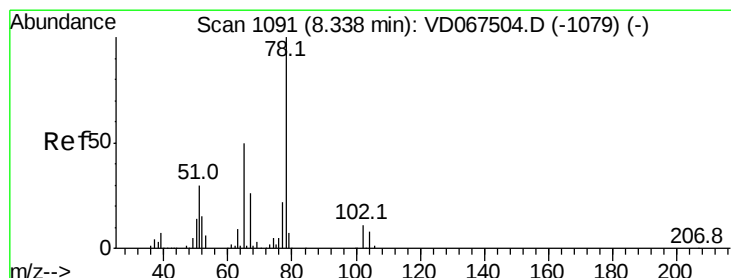
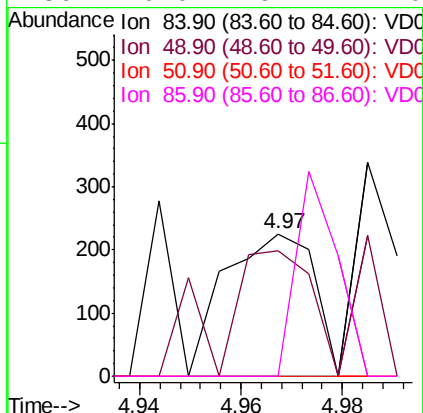
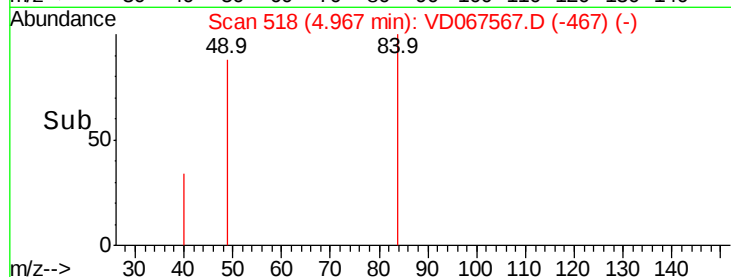
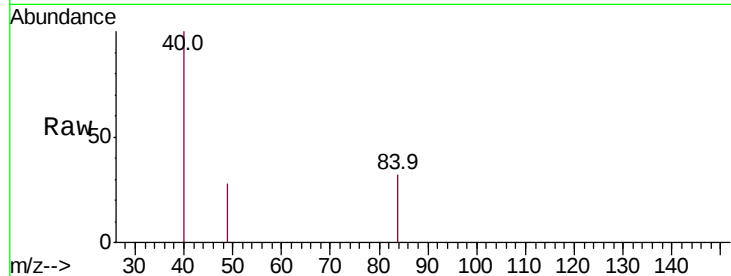
Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 275

Ion	Ratio	Lower	Upper
84	100		
49	88.1	77.0	115.4
51	0.0	25.4	38.2#
86	0.0	49.4	74.0#



#33

1,2-Dichloroethane-d4

Concen: 78.300 ug/l

RT: 8.34 min Scan# 1091

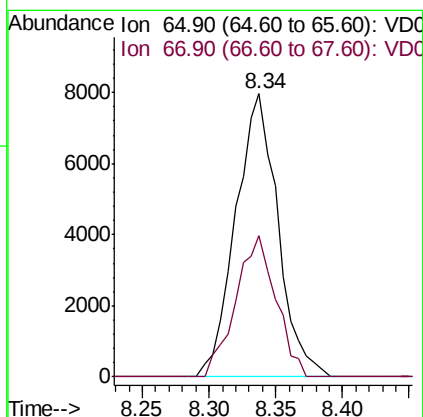
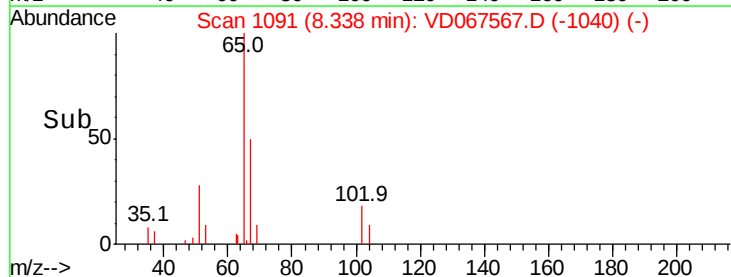
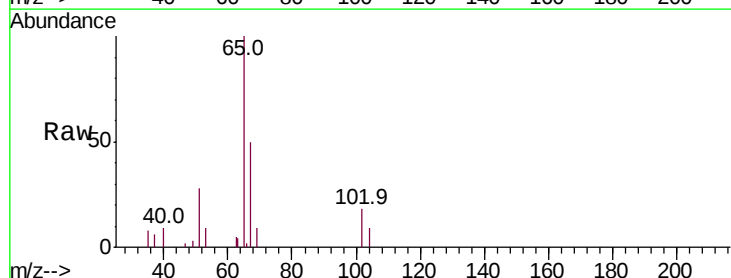
Delta R.T. -0.00 min

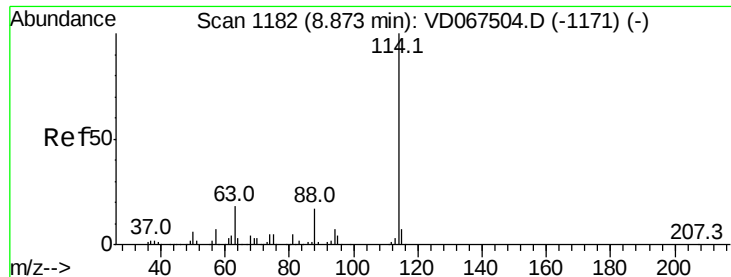
Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

Tgt Ion: 65 Resp: 17468

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	99.4

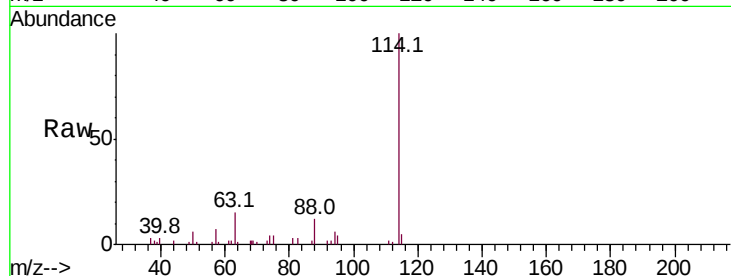




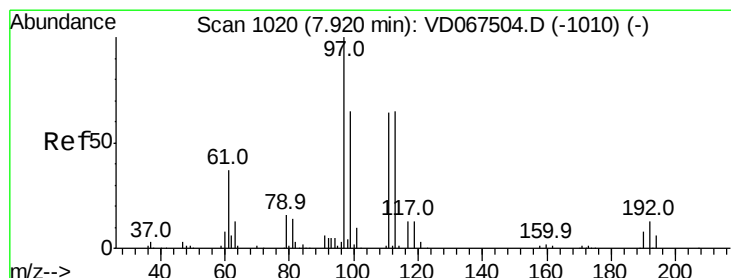
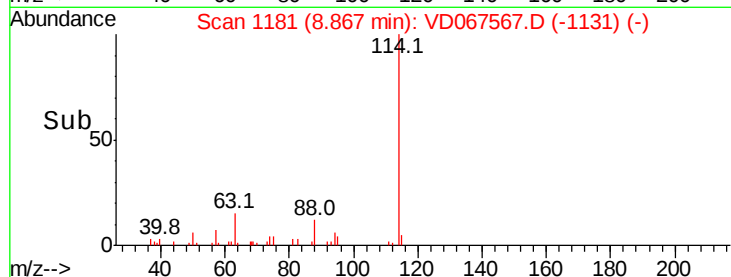
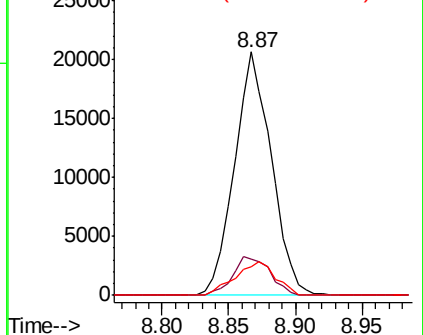
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067567.D
 Acq: 09 Nov 2020 15:50

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.0	0.0	35.0
88	11.7	0.0	33.0

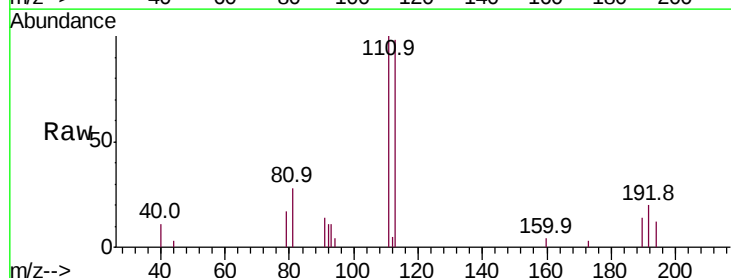


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

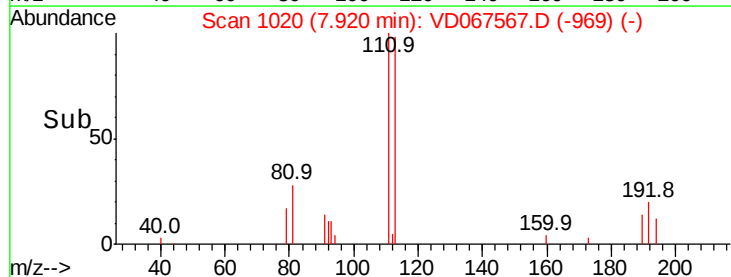
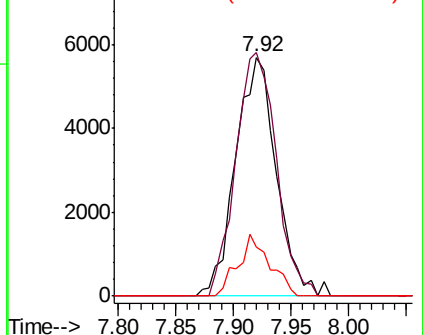


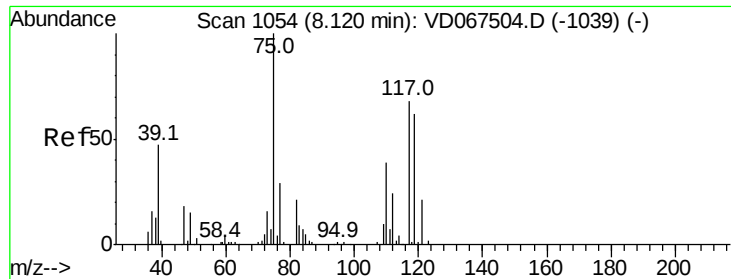
#35
 Dibromofluoromethane
 Concen: 58.719 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067567.D
 Acq: 09 Nov 2020 15:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.0	120.0
192	20.2	16.3	24.5



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

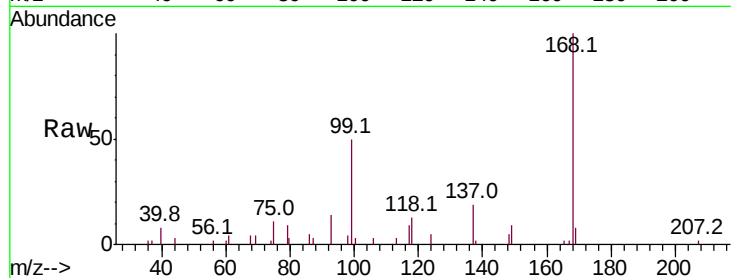




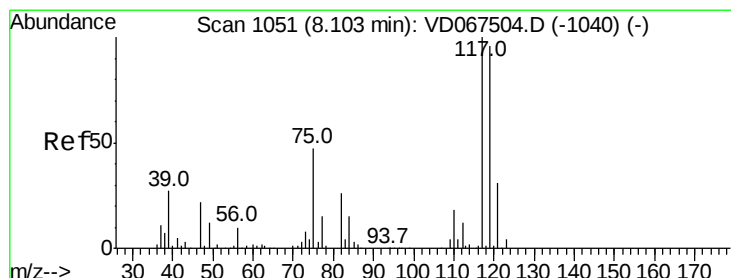
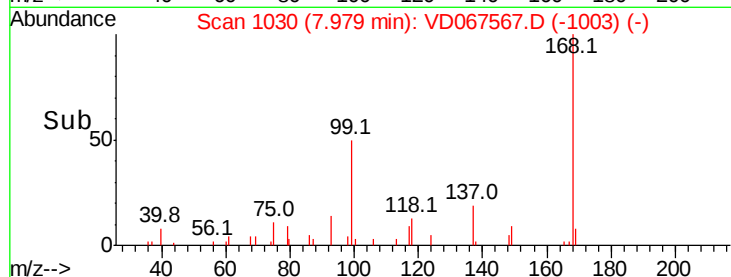
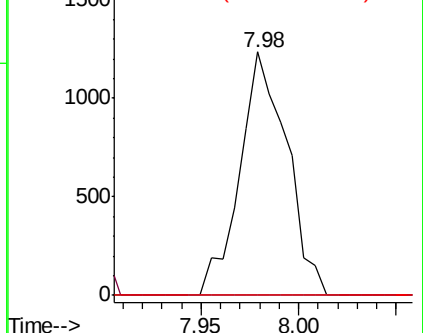
#36
 1,1-Dichloropropene
 Concen: 6.105 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067567.D
 Acq: 09 Nov 2020 15:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.7#
77	0.0	24.8	37.2#

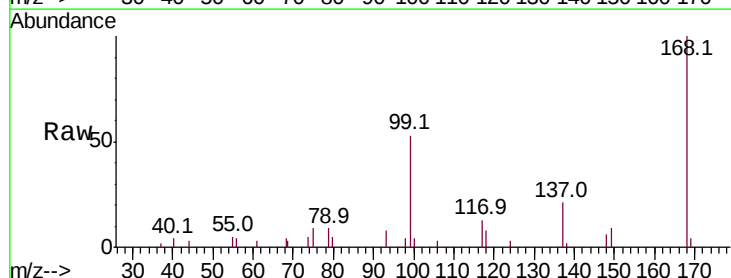


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

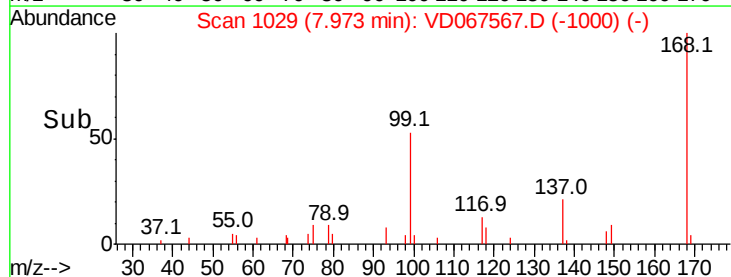
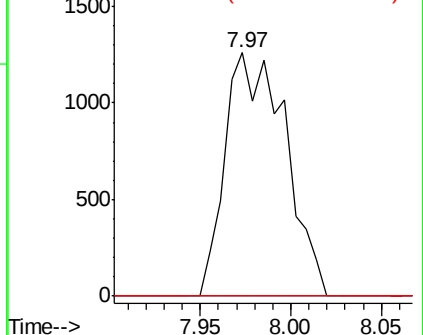


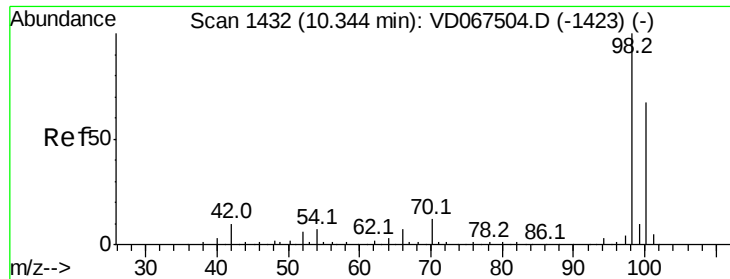
#38
 Carbon Tetrachloride
 Concen: 6.617 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.13 min
 Lab File: VD067567.D
 Acq: 09 Nov 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.9	115.3#
121	0.0	24.5	36.7#



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





#50

Toluene-d8

Concen: 53.532 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

Instrument :

MSVOA_D

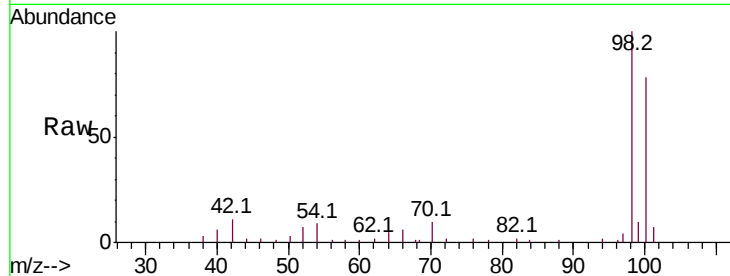
ClientSampleId :

Tot Ion: 98 Resp: 44850

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

25000

20000

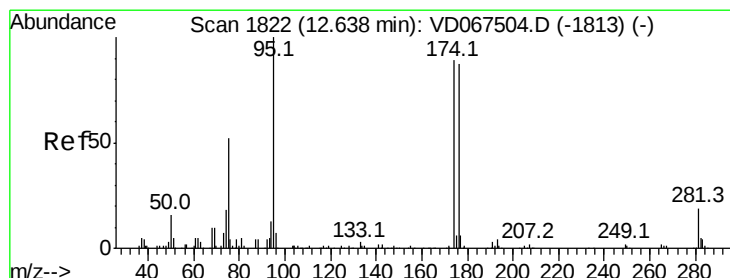
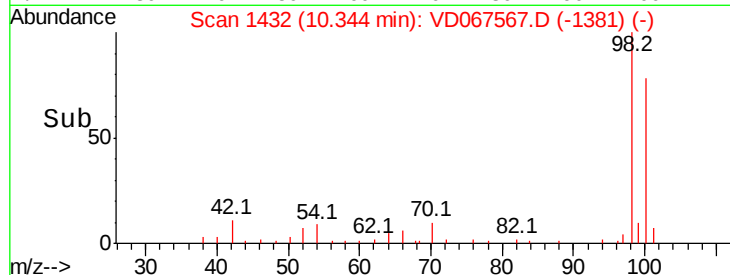
15000

10000

5000

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 58.063 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

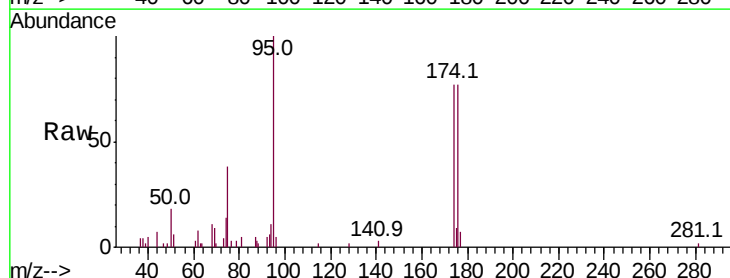
Tgt Ion: 95 Resp: 16795

Ion Ratio Lower Upper

95 100

174 92.4 0.0 177.8

176 91.7 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

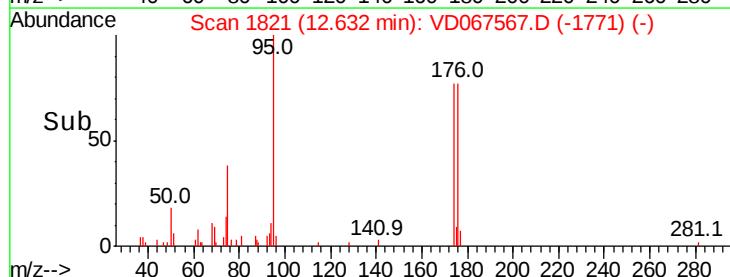
15000

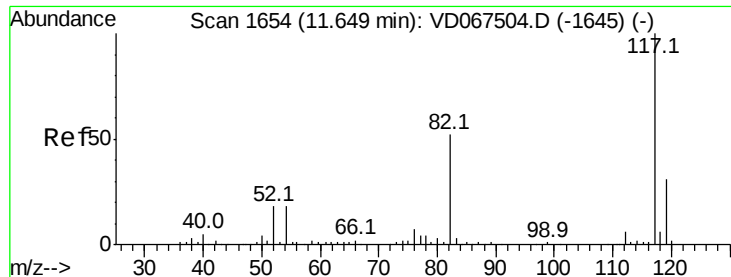
10000

5000

0

Time--> 12.60 12.65 12.70

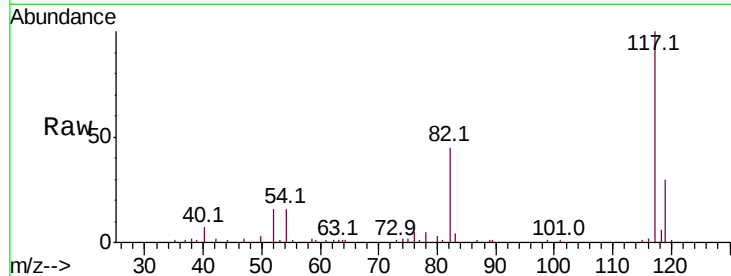




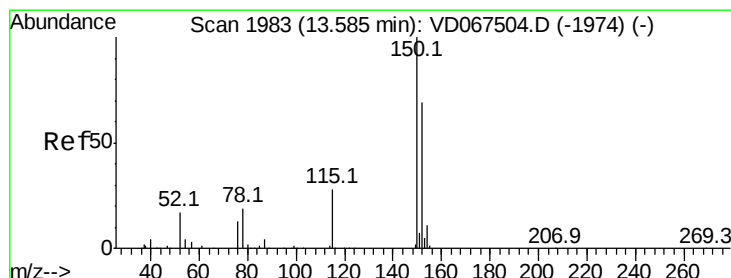
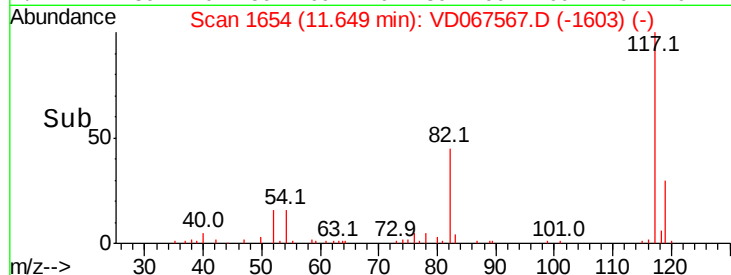
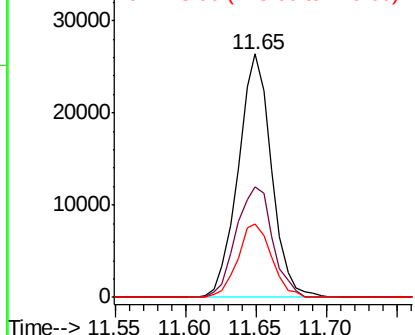
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067567.D
Acq: 09 Nov 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 43386
Ion Ratio Lower Upper
117 100
82 45.2 41.6 62.4
119 30.0 25.1 37.7

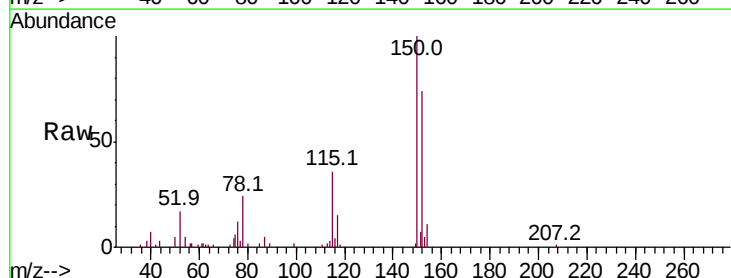


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

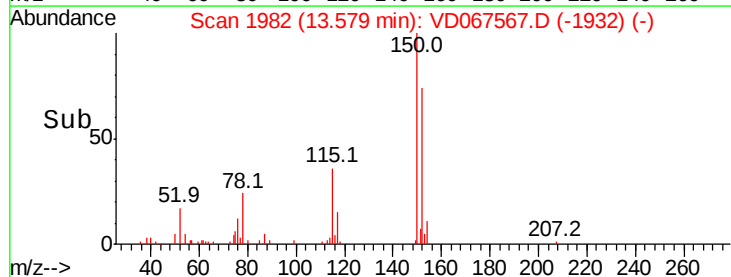
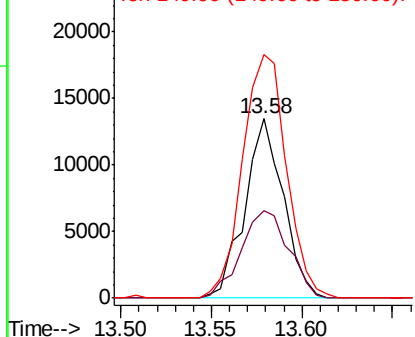


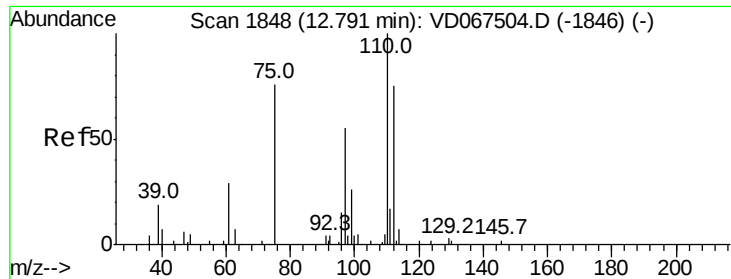
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067567.D
Acq: 09 Nov 2020 15:50

Tgt Ion:152 Resp: 19874
Ion Ratio Lower Upper
152 100
115 60.4 29.3 88.0
150 155.0 0.0 338.2



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





#76

1,2,3-Trichloropropane

Concen: 74.701 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

Instrument :

MSVOA_D

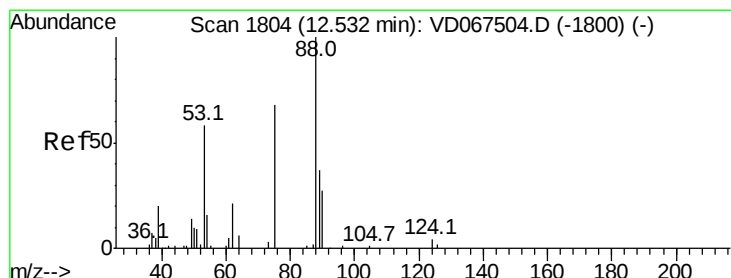
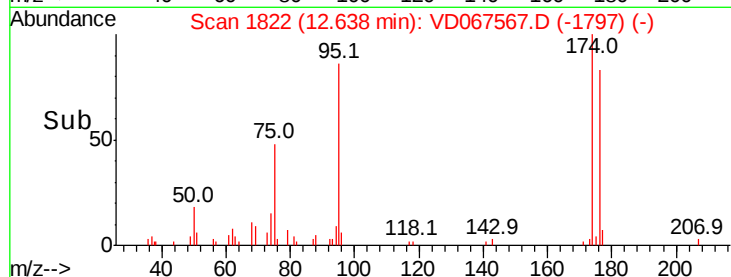
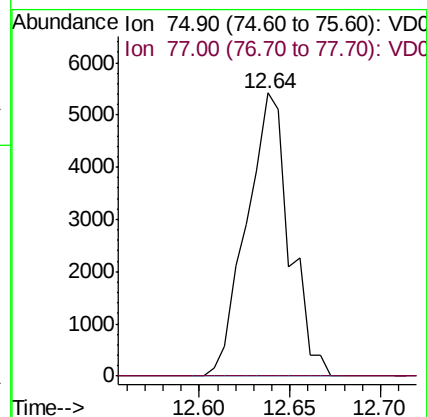
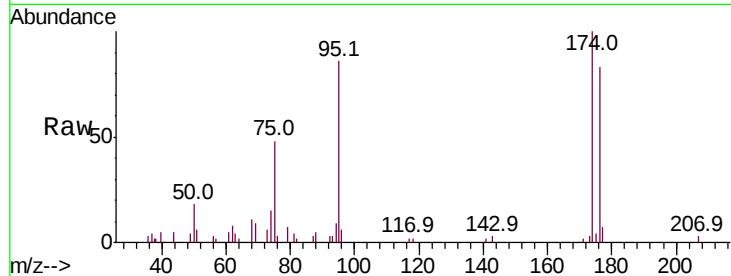
ClientSampled :

Tot Ion: 75 Resp: 8956

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 151.663 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067567.D

Acq: 09 Nov 2020 15:50

Tgt Ion: 75 Resp: 8956

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

