

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067657.D
 Acq On : 17 Nov 2020 12:48
 Operator : VA/SY
 Sample : L4747-08
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-618-620

Quant Time: Nov 17 23:57:52 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

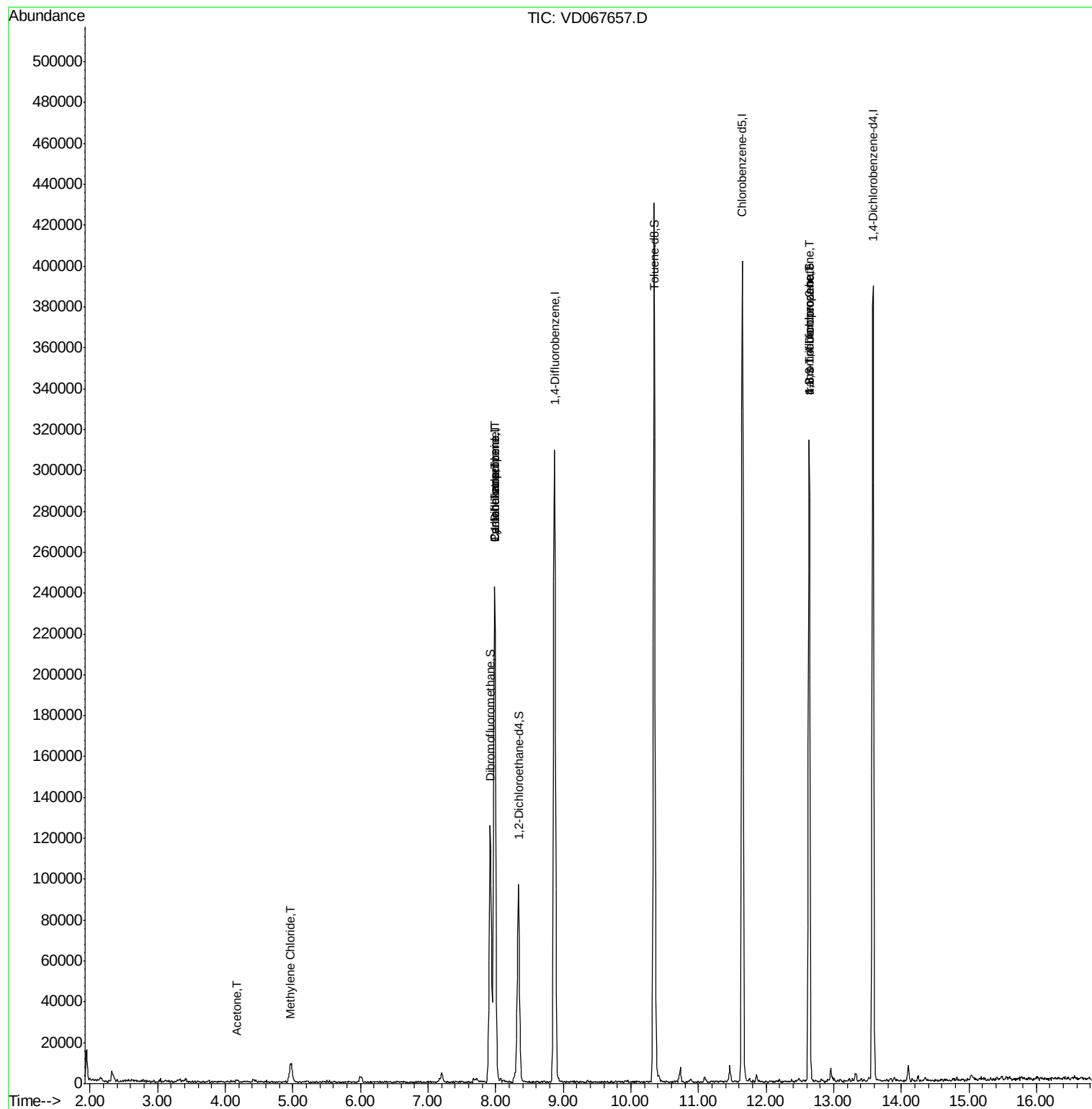
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	183824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	279893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	248627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	82341	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.92	113	85479	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.34	98	299178	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.64	95	92869	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	458	Below Cal		86
11) Tert butyl alcohol	5.20	59	366	Below Cal	#	79
16) Acetone	4.17	43	1429	5.941	ug/l #	43
20) Methylene Chloride	4.96	84	8150	4.797	ug/l #	94
31) Cyclohexane	7.98	56	3827	1.642	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	12954	5.407	ug/l #	48
38) Carbon Tetrachloride	7.98	117	19854	6.378	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	47824	70.347	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	47824	142.822	ug/l #	10

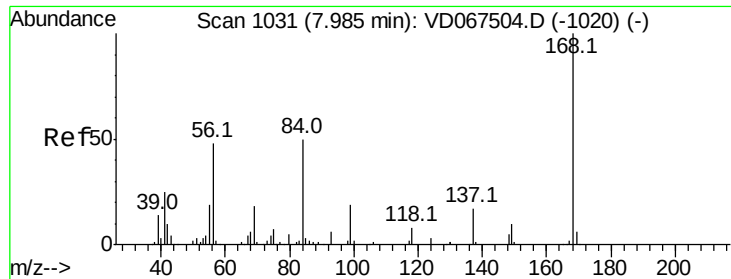
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067657.D
Acq On : 17 Nov 2020 12:48
Operator : VA/SY
Sample : L4747-08
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-618-620

Quant Time: Nov 17 23:57:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

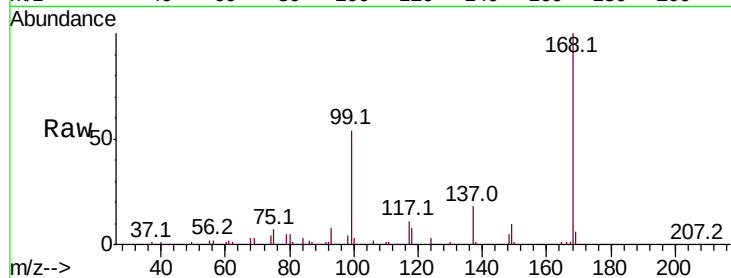
BP-VPB178-GW-618-620

Tot Ion:168 Resp: 183824

Ion Ratio Lower Upper

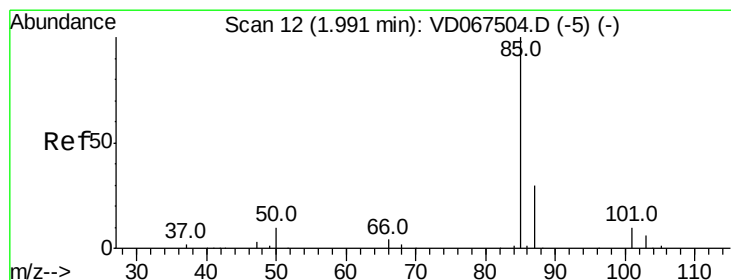
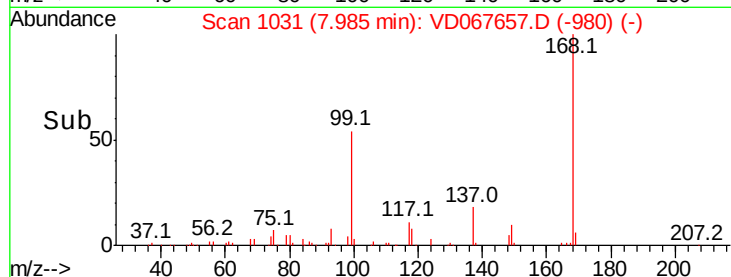
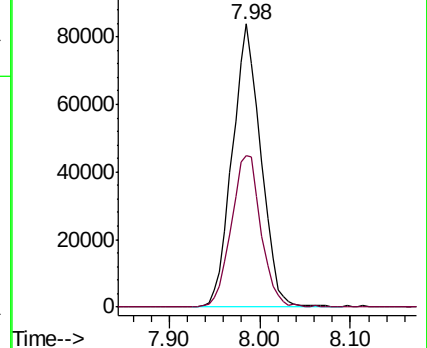
168 100

99 53.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067657.D

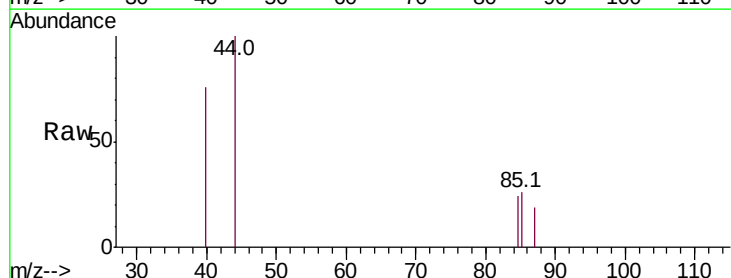
Acq: 17 Nov 2020 12:48

Tgt Ion: 85 Resp: 458

Ion Ratio Lower Upper

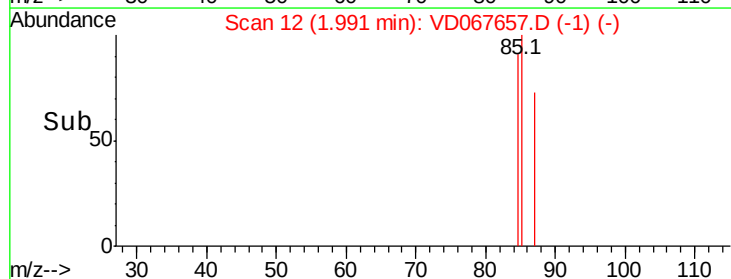
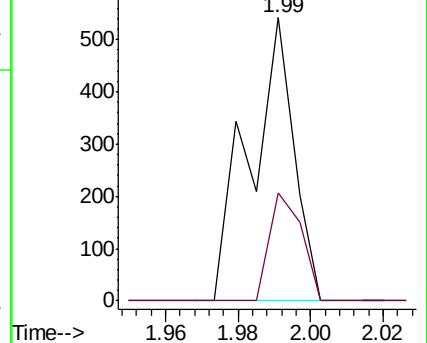
85 100

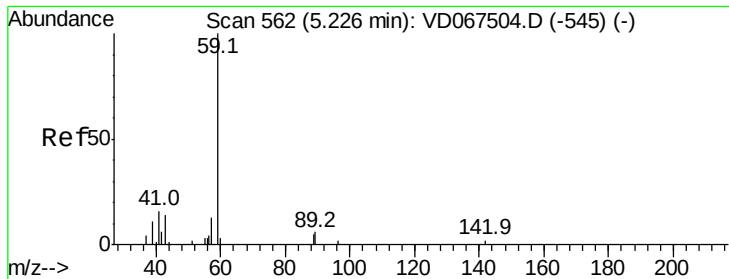
87 38.2 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



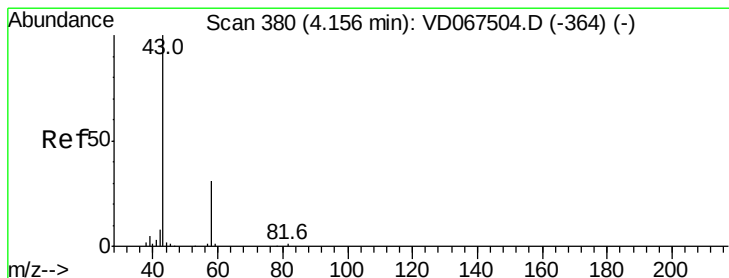
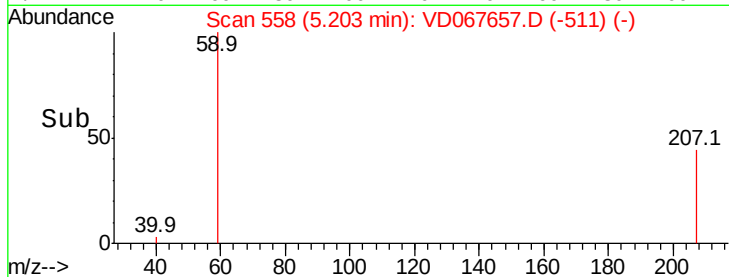
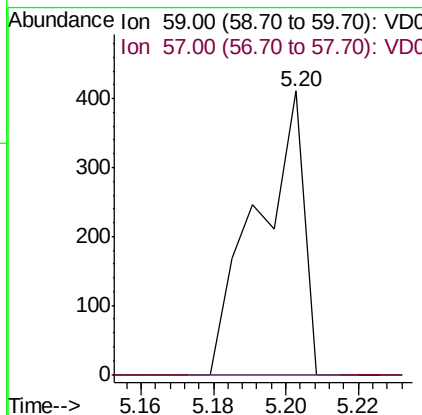
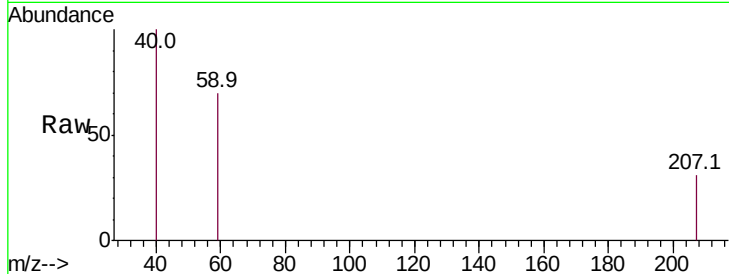


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-618-620

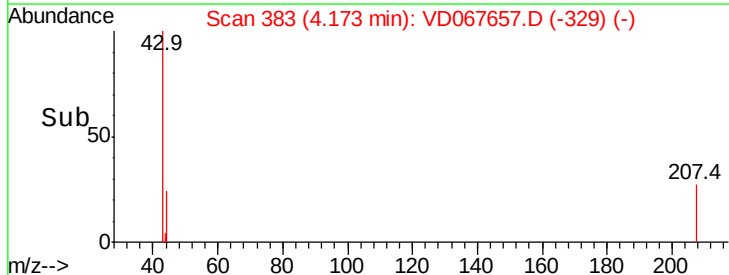
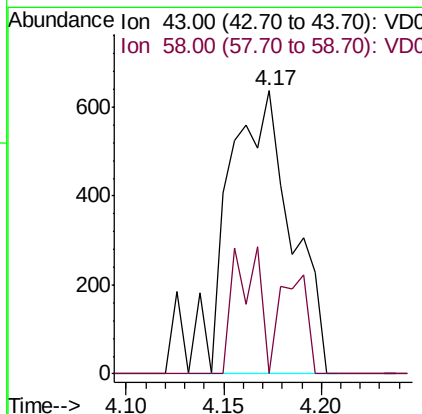
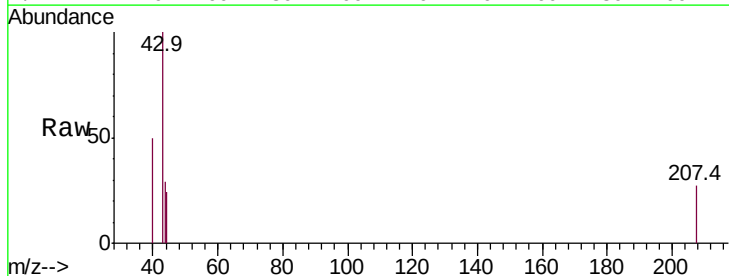
Tot Ion: 59 Resp: 366
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

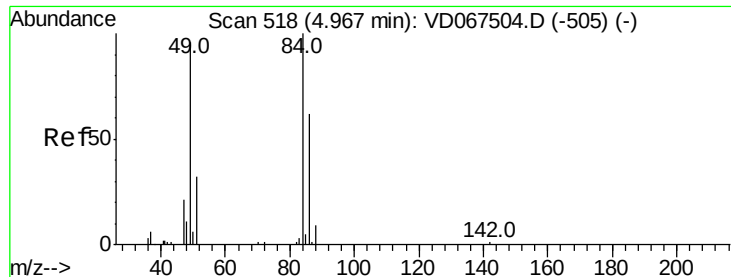


#16

Acetone
 Concen: 5.941 ug/l
 RT: 4.17 min Scan# 383
 Delta R.T. 0.02 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

Tgt Ion: 43 Resp: 1429
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

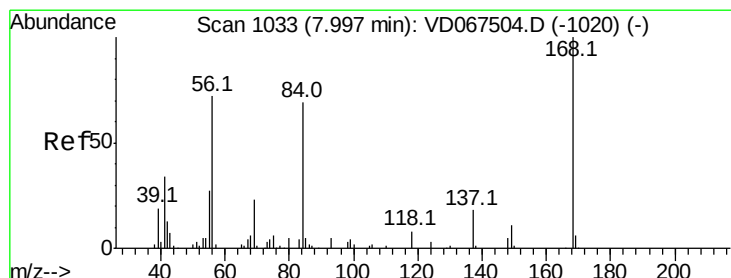
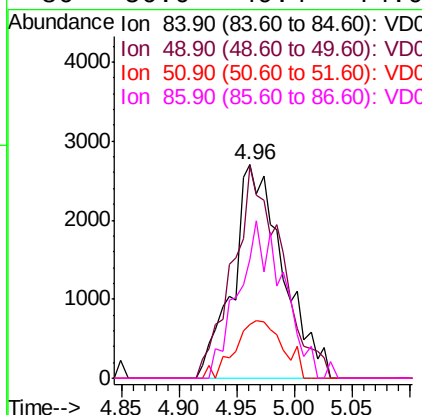
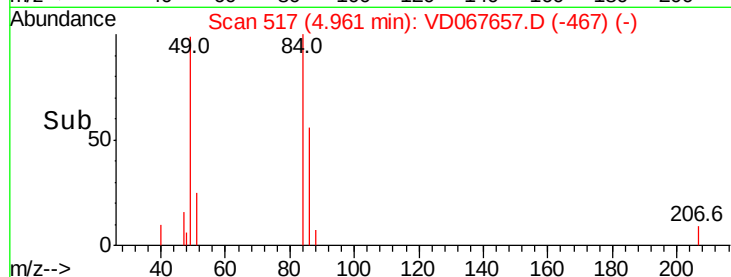
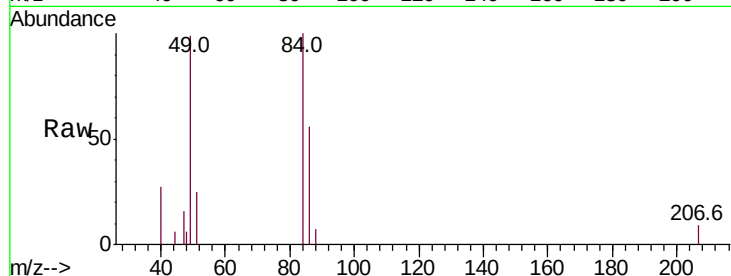




#20
Methvlene Chloride
Concen: 4.797 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067657.D
Acq: 17 Nov 2020 12:48

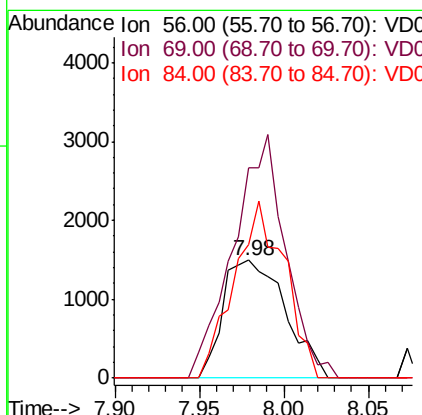
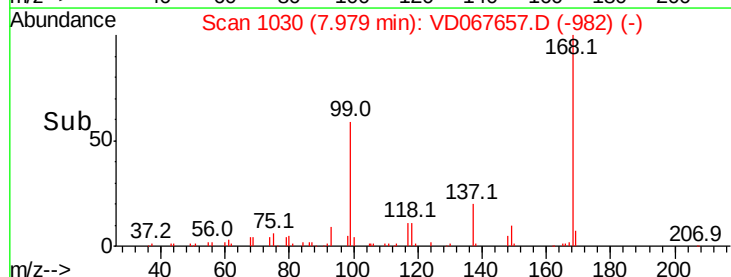
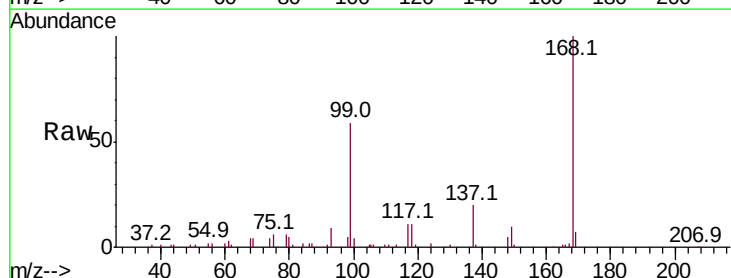
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-618-620

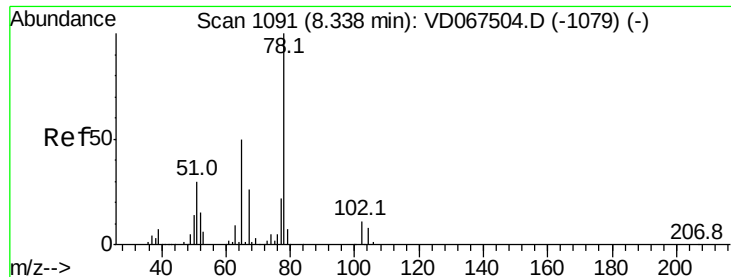
Tot Ion: 84 Resp: 8150
Ion Ratio Lower Upper
84 100
49 99.3 77.0 115.4
51 25.0 25.4 38.2#
86 56.0 49.4 74.0



#31
Cyclohexane
Concen: 1.642 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067657.D
Acq: 17 Nov 2020 12:48

Tgt Ion: 56 Resp: 3827
Ion Ratio Lower Upper
56 100
69 178.5 25.9 38.9#
84 113.4 76.2 114.4

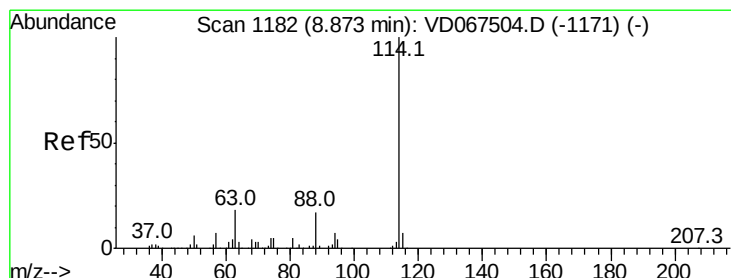
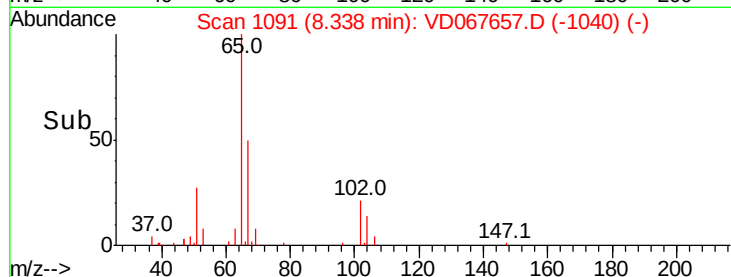
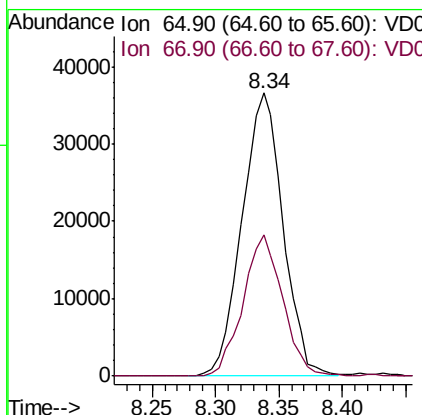
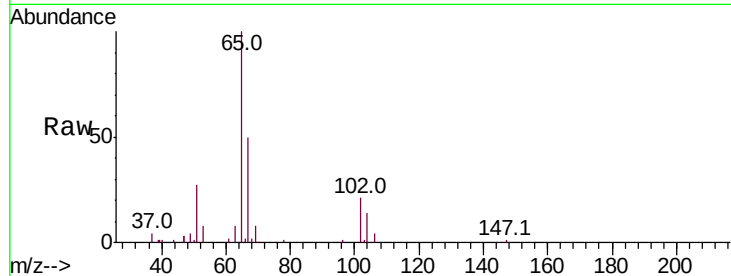




#33
 1,2-Dichloroethane-d4
 Concen: 51.228 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

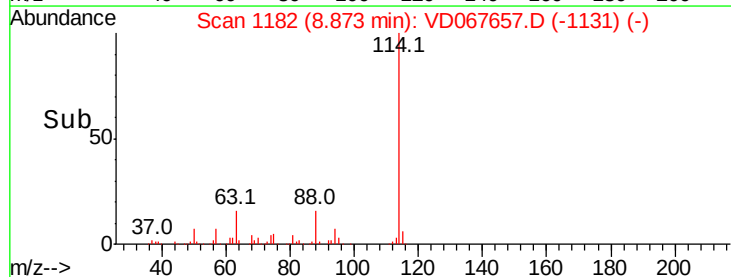
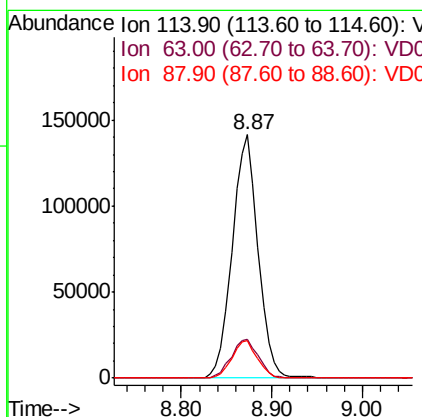
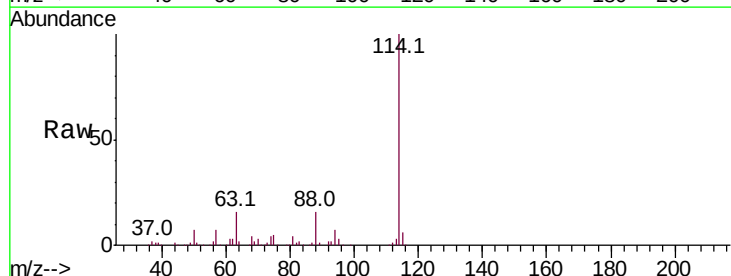
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-618-620

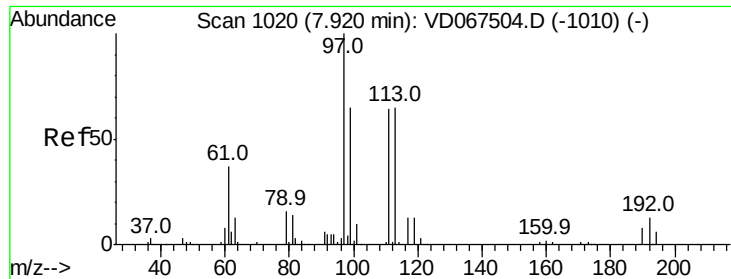
Tot Ion: 65 Resp: 82341
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

Tgt Ion: 114 Resp: 279893
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 35.0
 88 15.6 0.0 33.0

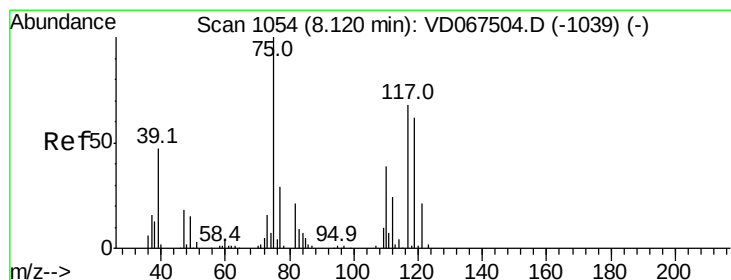
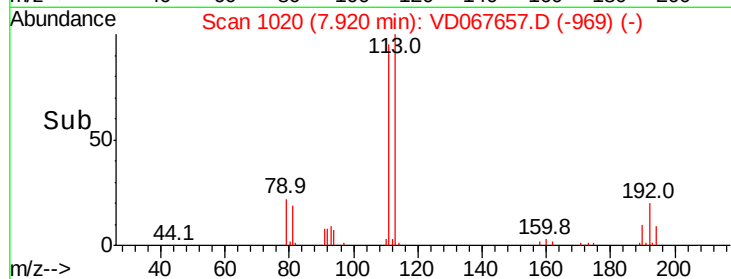
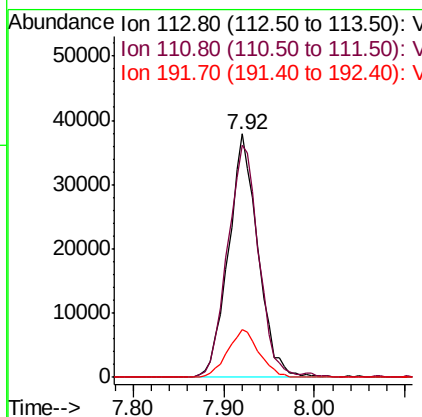
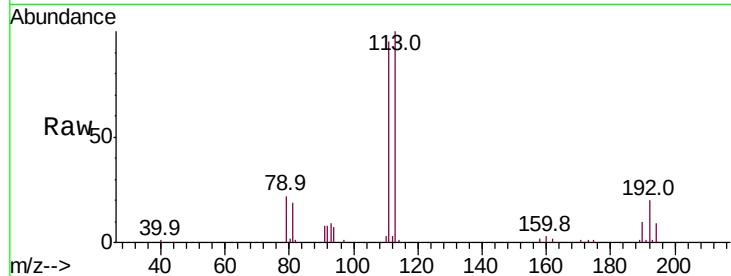




#35
 Dibromofluoromethane
 Concen: 50.689 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

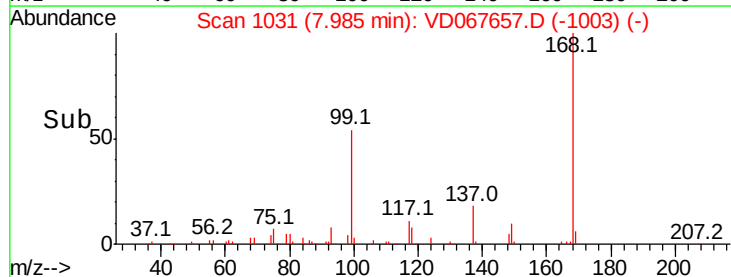
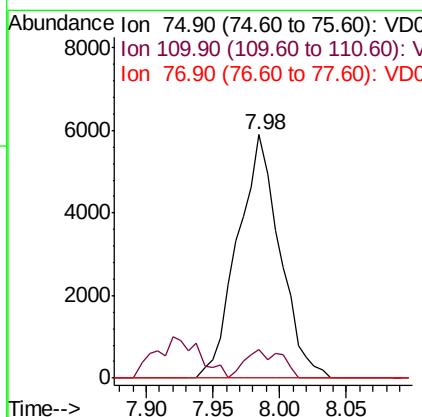
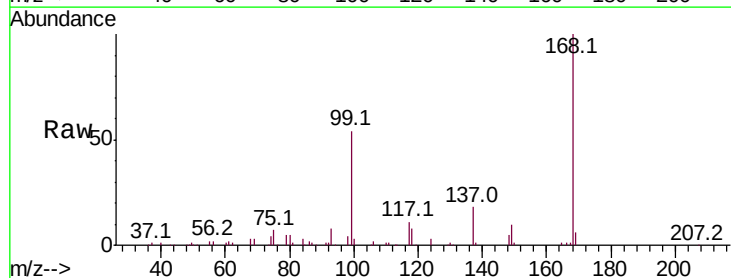
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-618-620

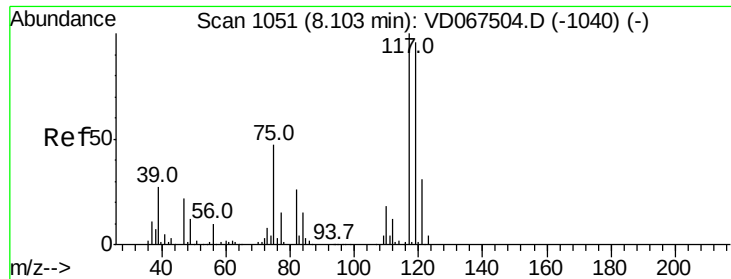
Tot Ion:113 Resp: 85479
 Ion Ratio Lower Upper
 113 100
 111 100.5 80.0 120.0
 192 20.9 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 5.407 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067657.D
 Acq: 17 Nov 2020 12:48

Tgt Ion: 75 Resp: 12954
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.9 59.7#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.378 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-618-620

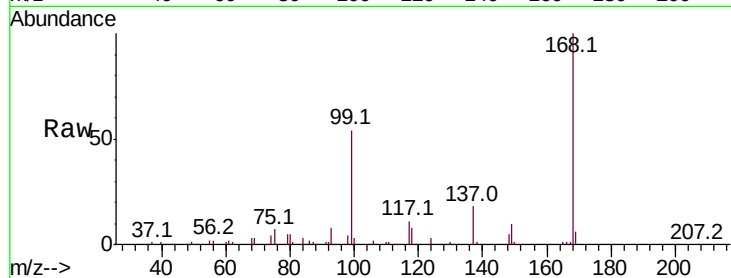
Tot Ion:117 Resp: 19854

Ion Ratio Lower Upper

117 100

119 3.7 76.9 115.3#

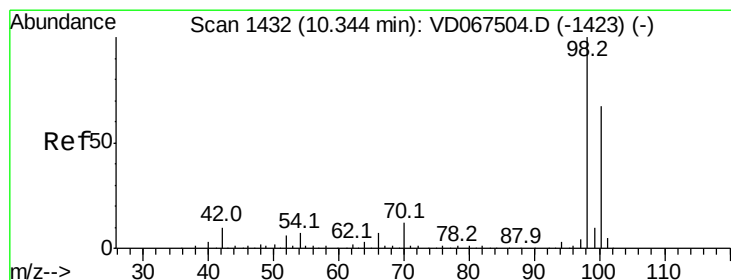
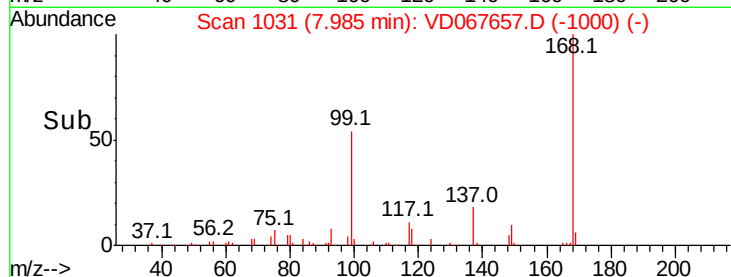
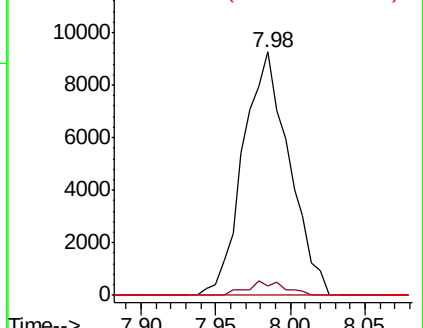
121 0.0 24.5 36.7#



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: 50.484 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067657.D

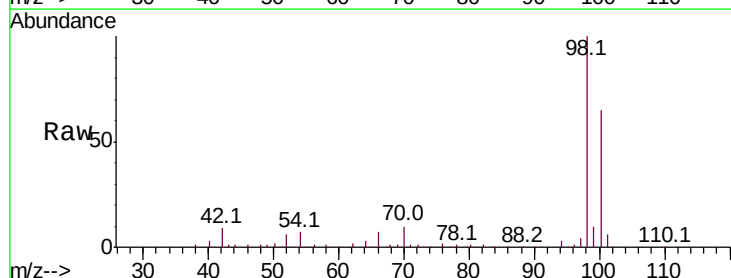
Acq: 17 Nov 2020 12:48

Tgt Ion: 98 Resp: 299178

Ion Ratio Lower Upper

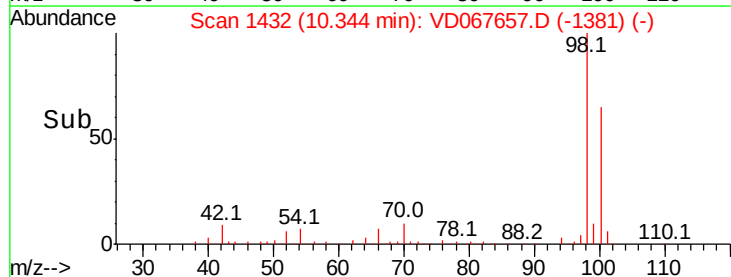
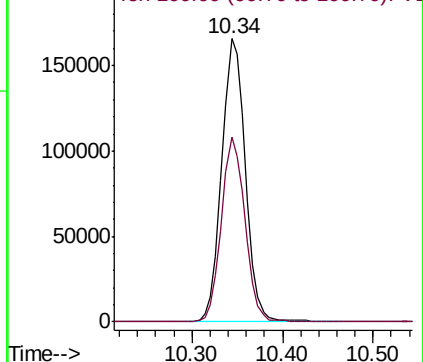
98 100

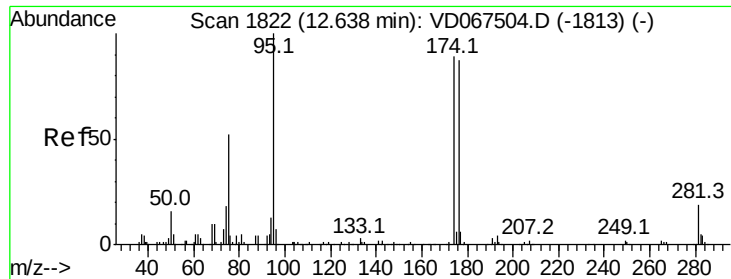
100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.390 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-618-620

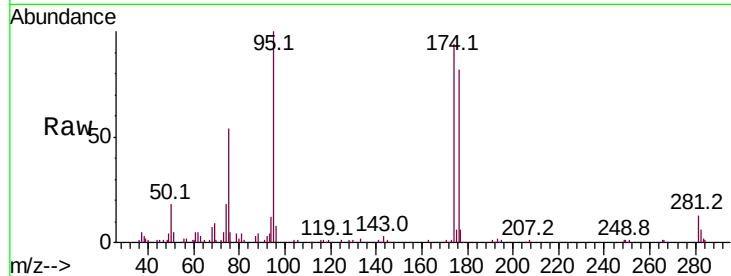
Tot Ion: 95 Resp: 92869

Ion Ratio Lower Upper

95 100

174 92.1 0.0 177.8

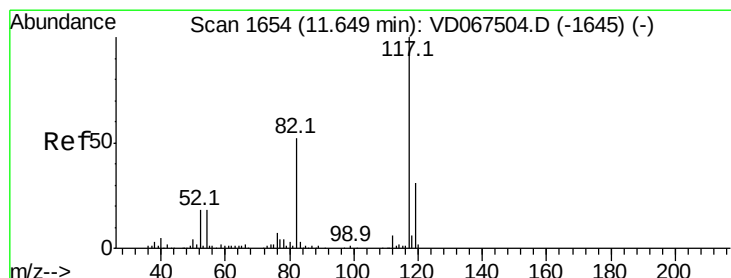
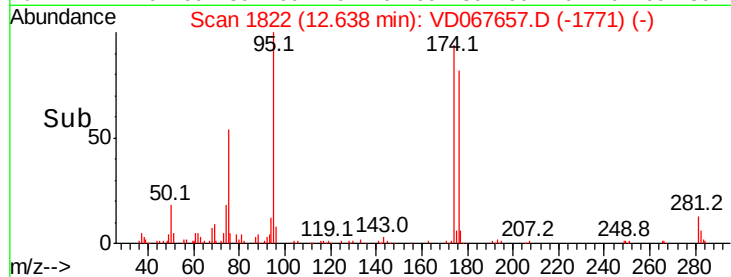
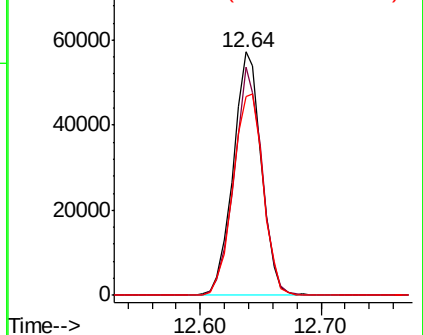
176 88.7 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

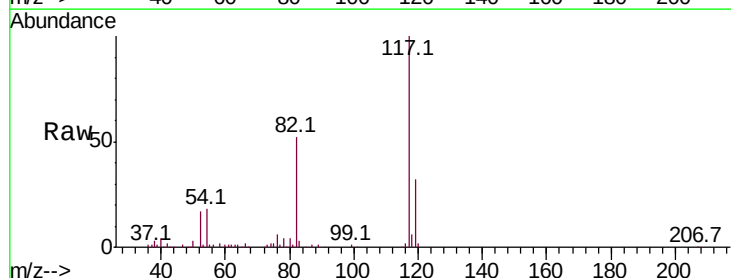
Tgt Ion: 117 Resp: 248627

Ion Ratio Lower Upper

117 100

82 52.1 41.6 62.4

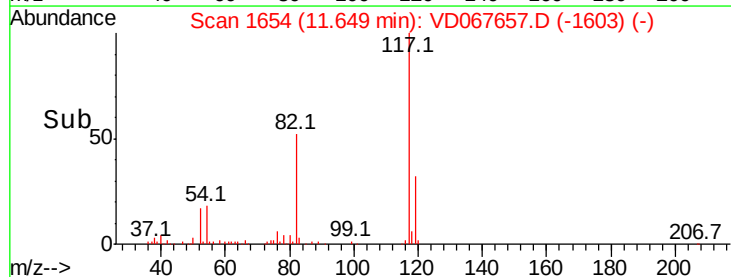
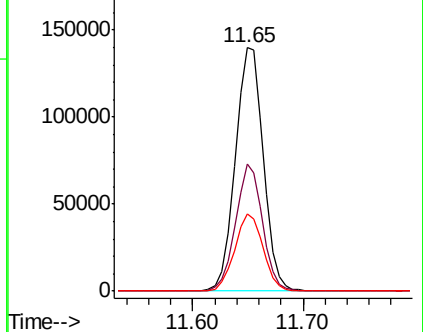
119 31.9 25.1 37.7

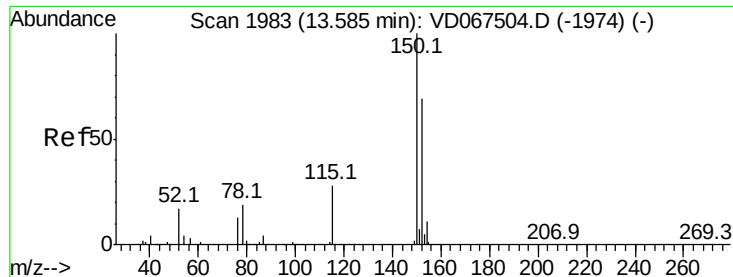


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. -0.00 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-618-620

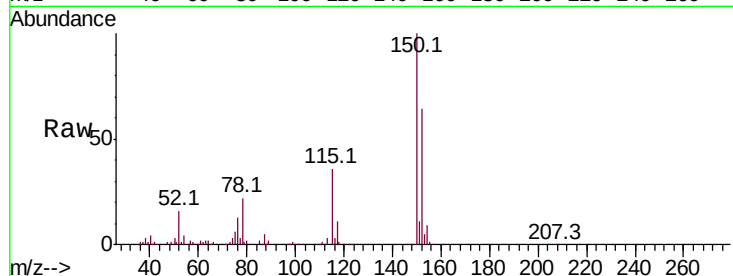
Tot Ion:152 Resp: 112694

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

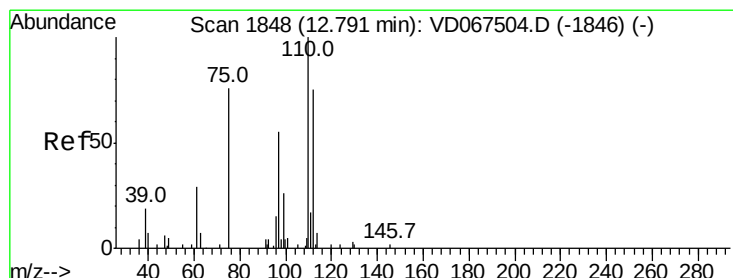
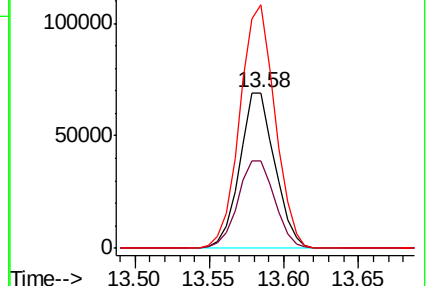
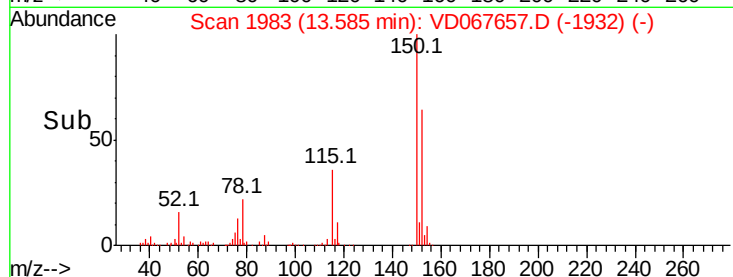
150 157.3 0.0 338.2



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: 70.347 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067657.D

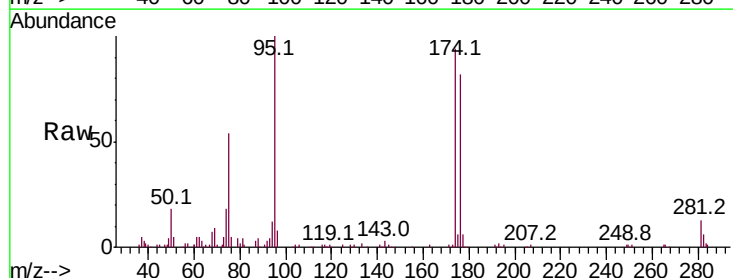
Acq: 17 Nov 2020 12:48

Tgt Ion: 75 Resp: 47824

Ion Ratio Lower Upper

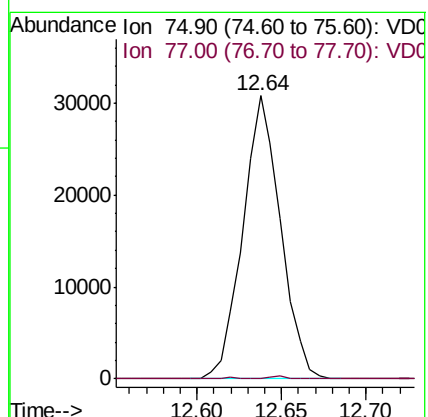
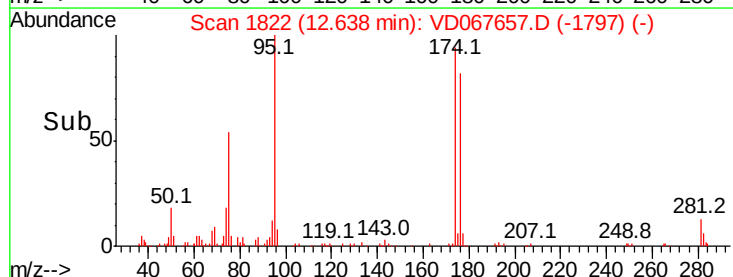
75 100

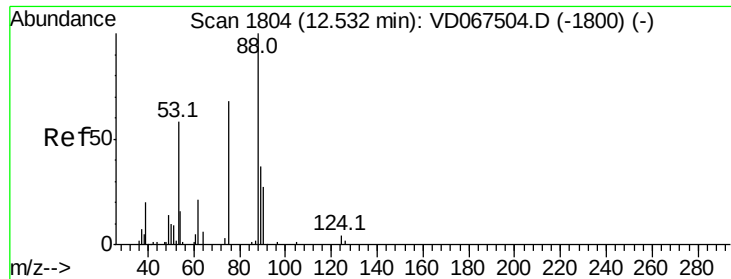
77 0.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 142.822 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067657.D

Acq: 17 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-618-620

Tot Ion: 75 Resp: 47824

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#

