

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067706.D
 Acq On : 19 Nov 2020 14:15
 Operator : VA/SY
 Sample : L4803-02
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-C5-D5-C5A-D5A

Quant Time: Nov 20 00:30:30 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

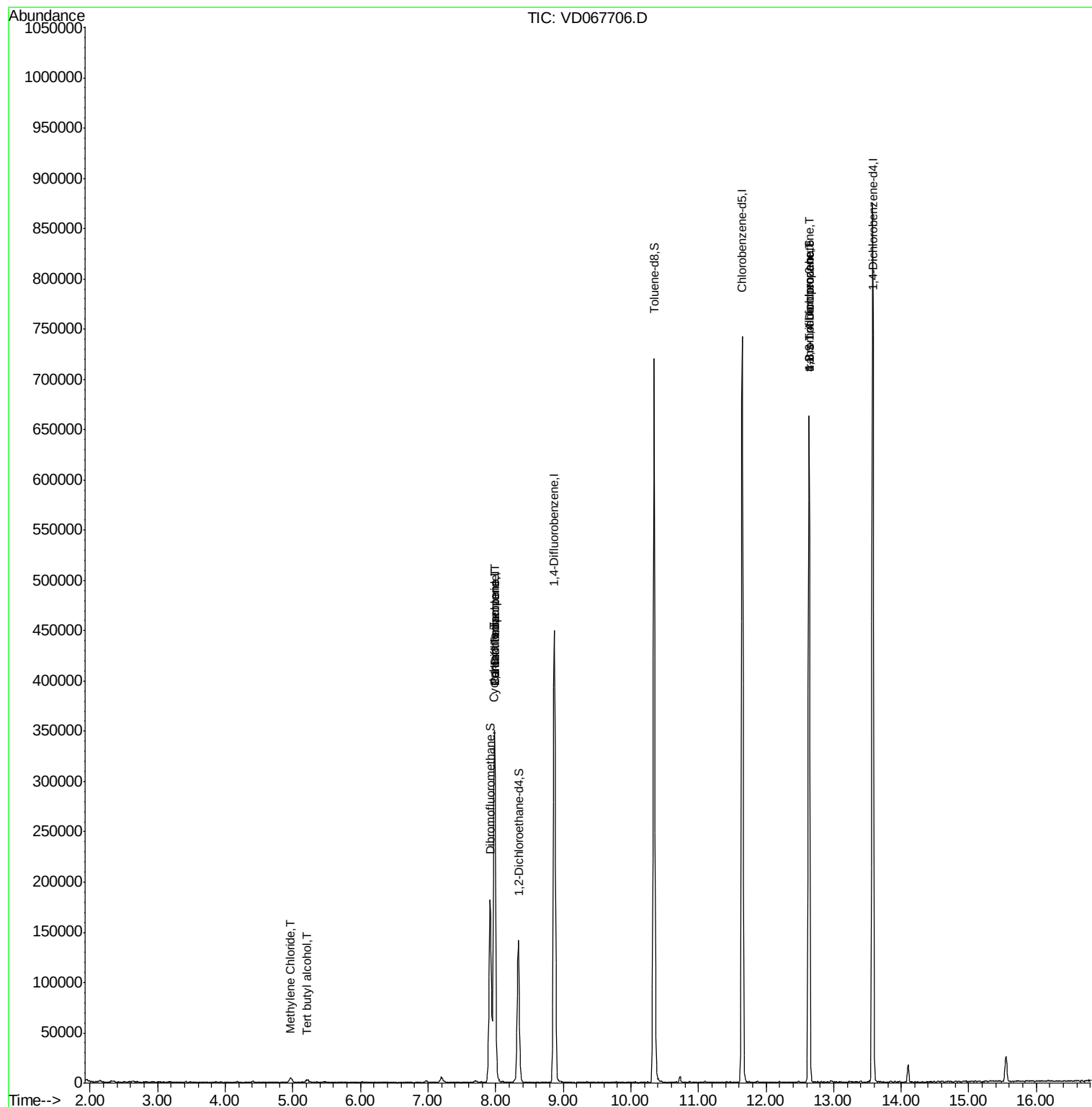
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	268990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123925	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	7.92	113	125206	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.34	98	493012	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.64	95	198151	65.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.28%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	257	Below Cal	#	44
11) Tert butyl alcohol	5.21	59	2261	2.293	ug/l #	93
20) Methylene Chloride	4.97	84	3689	1.484	ug/l #	72
31) Cyclohexane	7.97	56	5301	1.554	ug/l #	23
36) 1,1-Dichloropropene	7.98	75	19158	5.378	ug/l #	50
38) Carbon Tetrachloride	7.99	117	26304	5.683	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	107419	72.496	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	107419	147.186	ug/l #	10

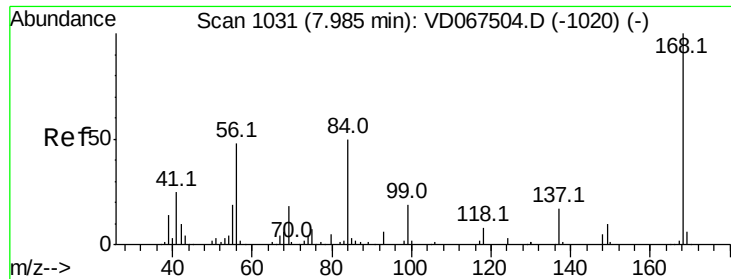
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111920\
Data File : VD067706.D
Acq On : 19 Nov 2020 14:15
Operator : VA/SY
Sample : L4803-02
Misc : 6.54G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

Quant Time: Nov 20 00:30:30 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: VD067706.D

Acq: 19 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

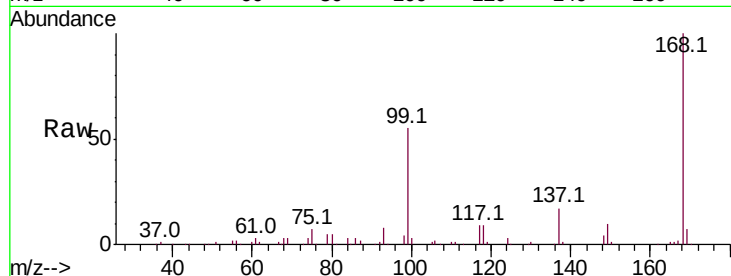
FK-BPM-01-C5-D5-C5A-D5A

Tot Ion:168 Resp: 268990

Ion Ratio Lower Upper

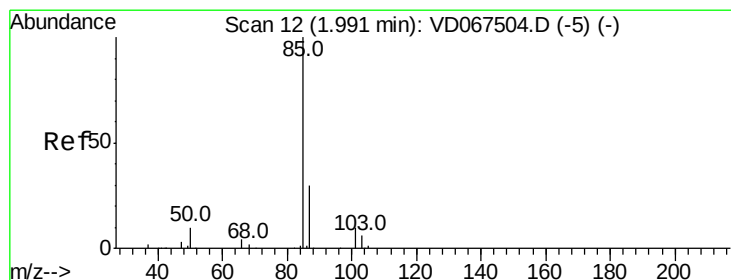
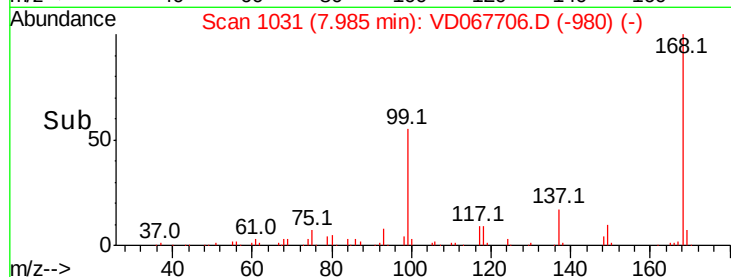
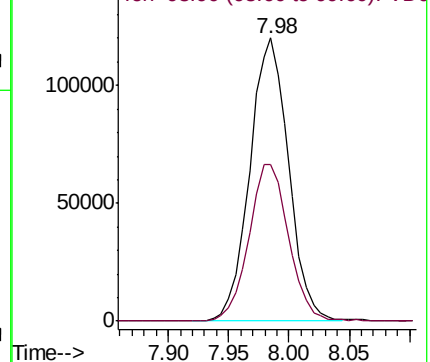
168 100

99 55.2 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: VD067706.D

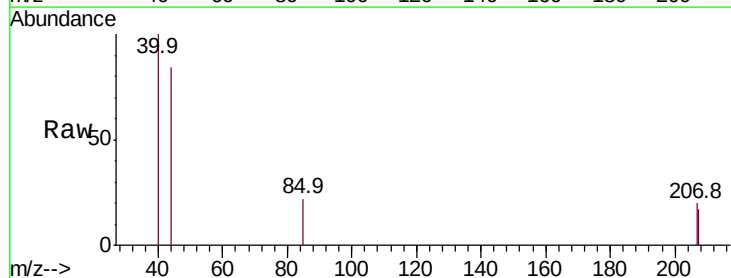
Acq: 19 Nov 2020 14:15

Tgt Ion: 85 Resp: 257

Ion Ratio Lower Upper

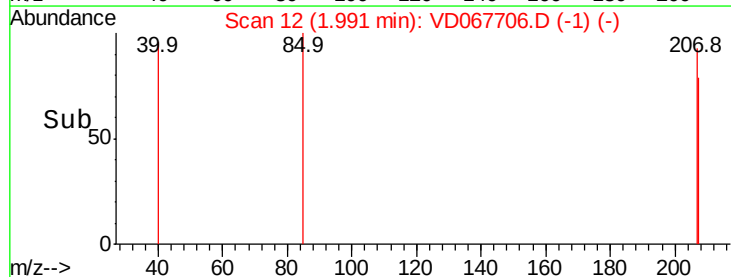
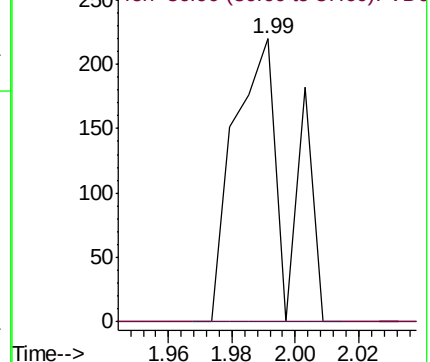
85 100

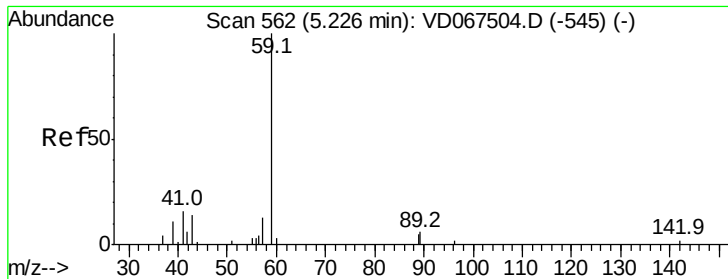
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



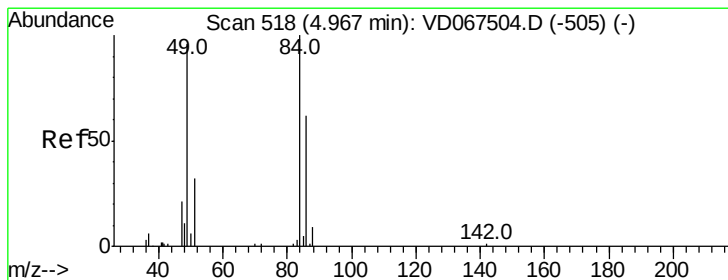
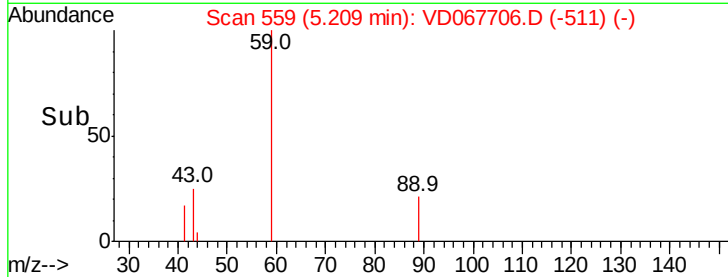
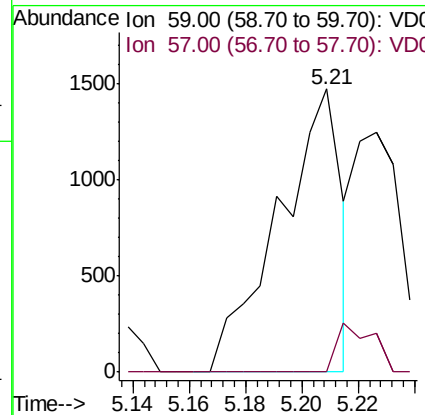
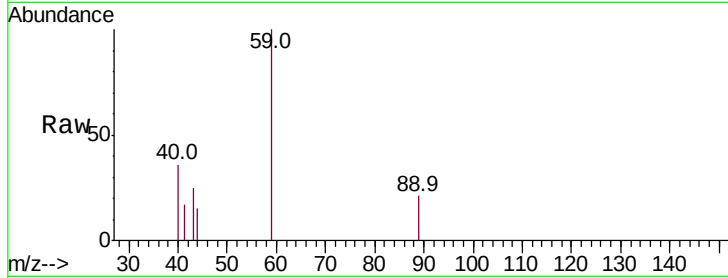


#11

Tert butyl alcohol
Concen: 2.293 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

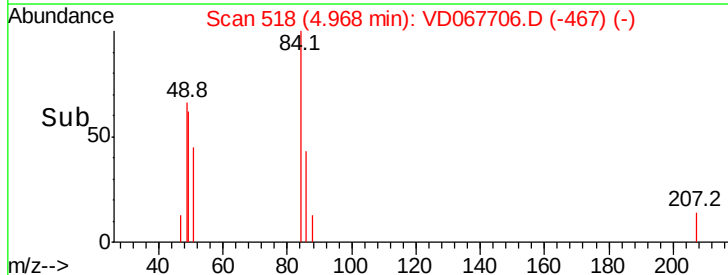
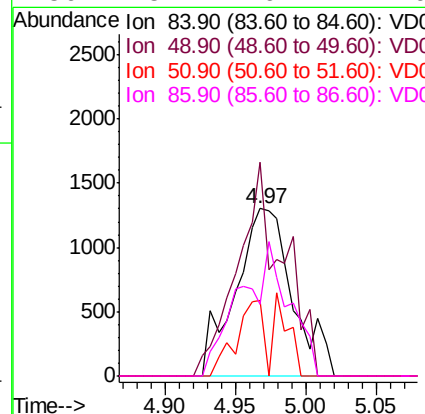
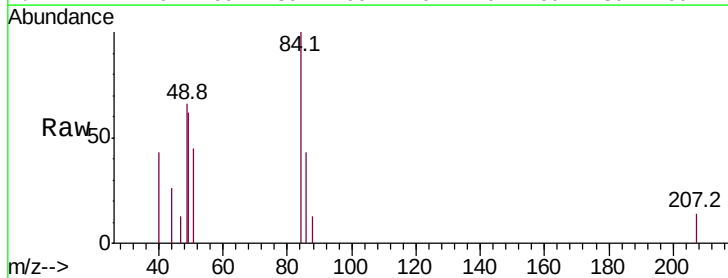
Tot Ion: 59 Resp: 2261
Ion Ratio Lower Upper
59 100
57 10.0 5.9 8.9#

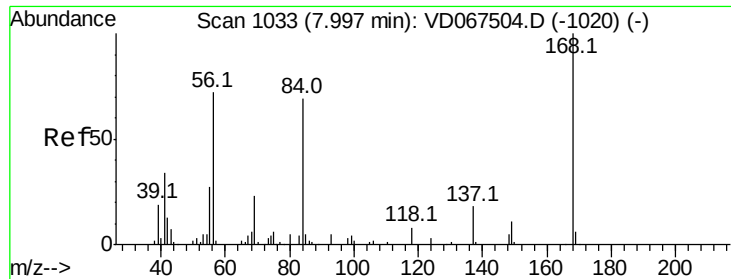


#20

Methylene Chloride
Concen: 1.484 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Tgt Ion: 84 Resp: 3689
Ion Ratio Lower Upper
84 100
49 127.7 77.0 115.4#
51 45.2 25.4 38.2#
86 43.2 49.4 74.0#

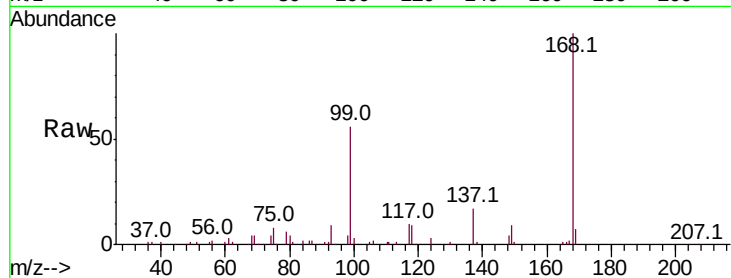




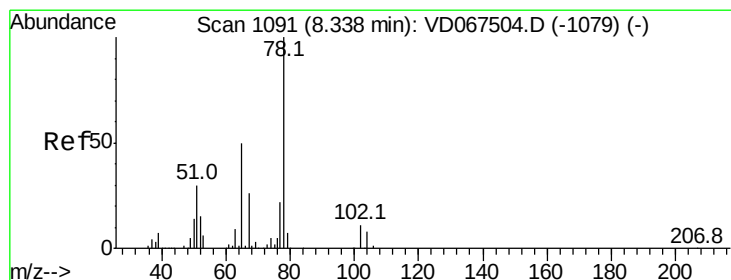
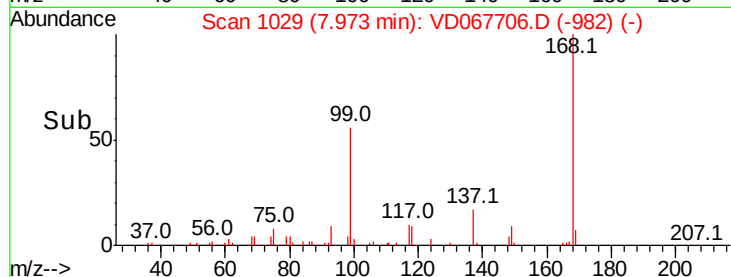
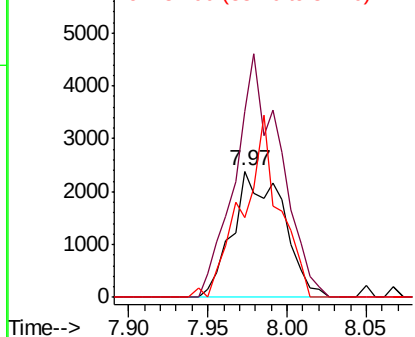
#31
Cyclohexane
Concen: 1.554 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.02 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

Tot Ion: 56 Resp: 5301
Ion Ratio Lower Upper
56 100
69 147.5 25.9 38.9#
84 63.1 76.2 114.4#

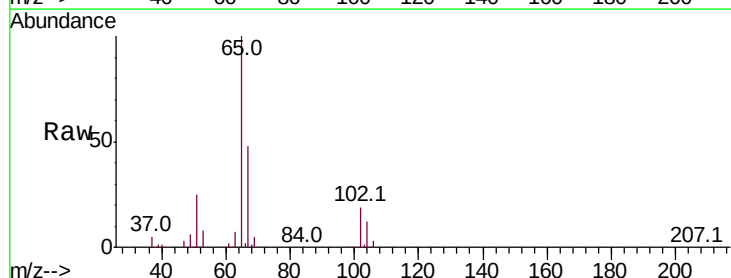


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

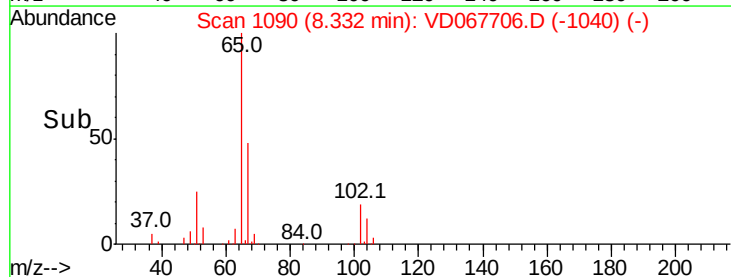
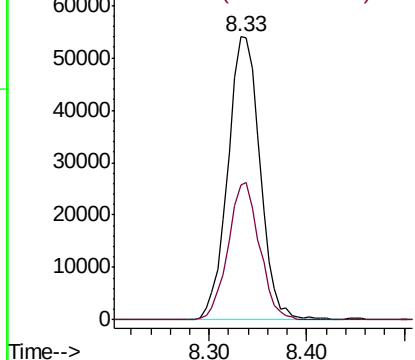


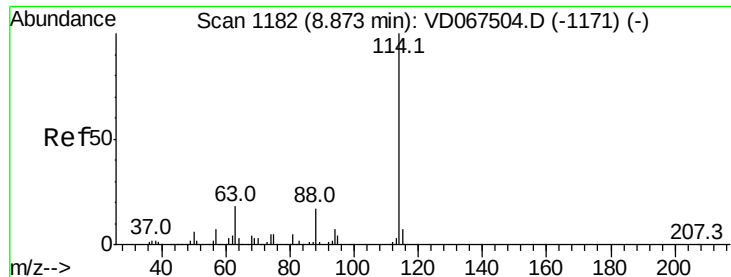
#33
1,2-Dichloroethane-d4
Concen: 52.689 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Tgt Ion: 65 Resp: 123925
Ion Ratio Lower Upper
65 100
67 47.4 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

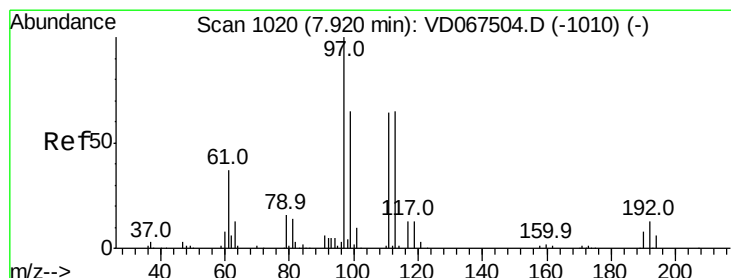
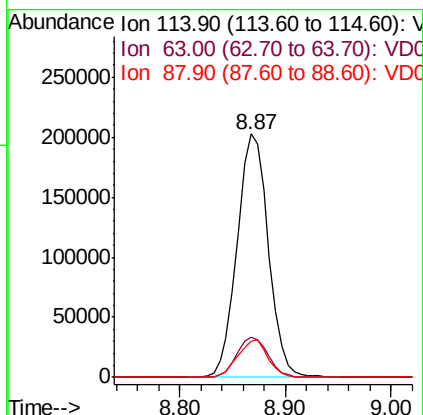
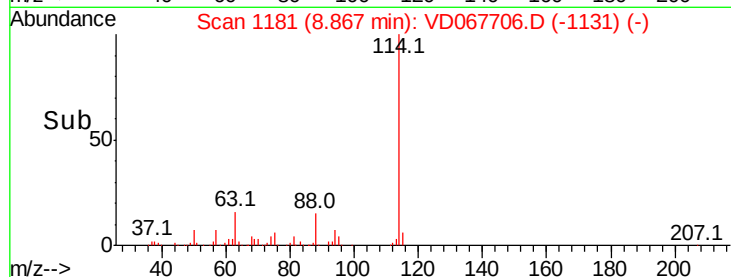
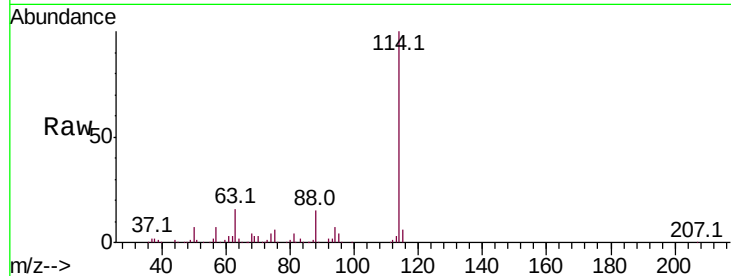




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

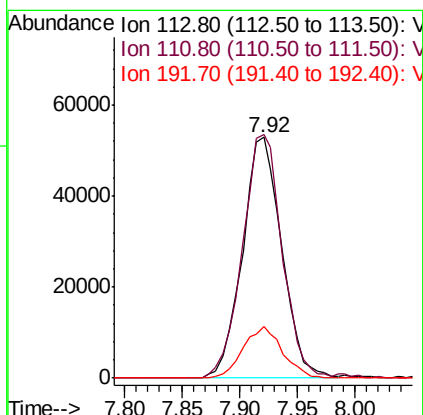
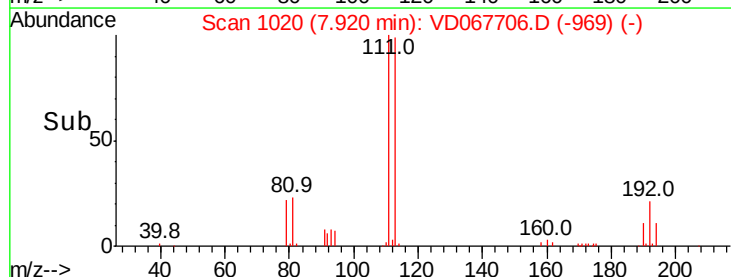
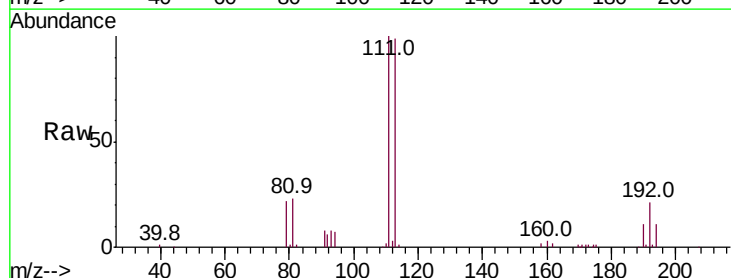
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

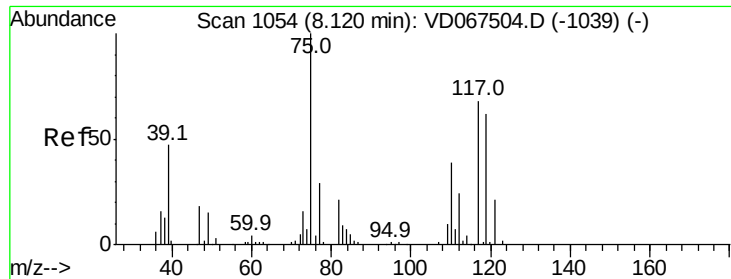
Tot Ion:114 Resp: 416166
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 14.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.935 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Tgt Ion:113 Resp: 125206
Ion Ratio Lower Upper
113 100
111 102.0 80.0 120.0
192 21.3 16.3 24.5





#36

1,1-Dichloropropene

Concen: 5.378 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067706.D

Acq: 19 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-C5-D5-C5A-D5A

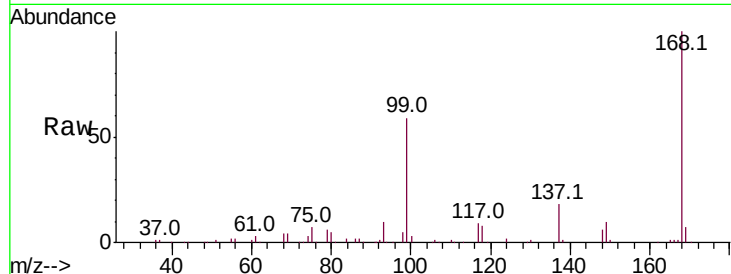
Tot Ion: 75 Resp: 19158

Ion Ratio Lower Upper

75 100

110 12.2 19.9 59.7#

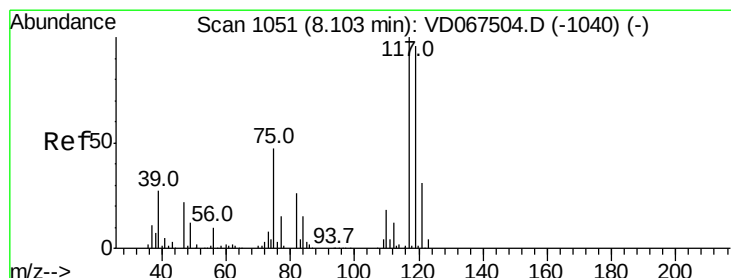
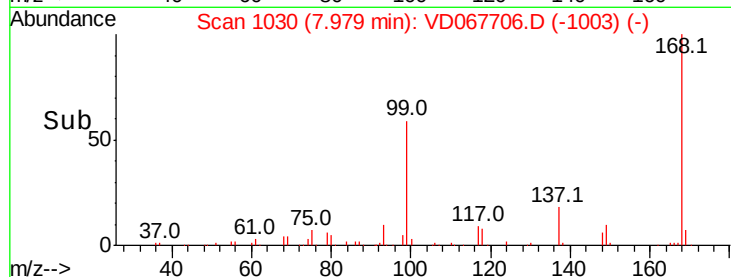
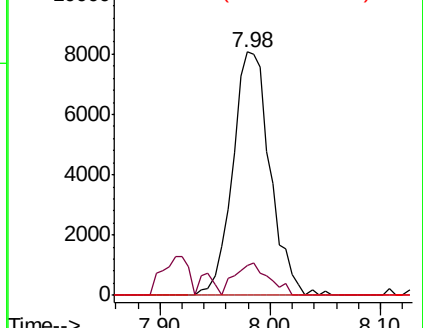
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.683 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067706.D

Acq: 19 Nov 2020 14:15

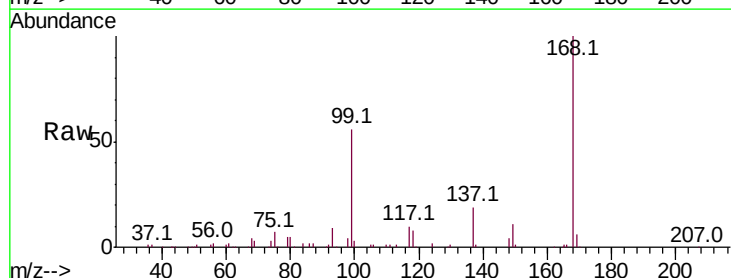
Tgt Ion: 117 Resp: 26304

Ion Ratio Lower Upper

117 100

119 2.7 76.9 115.3#

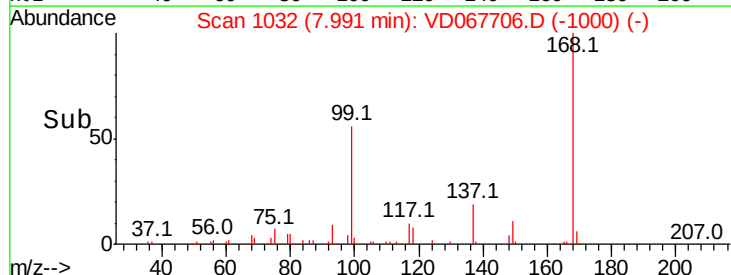
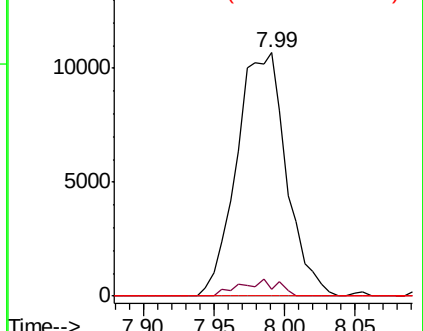
121 0.0 24.5 36.7#

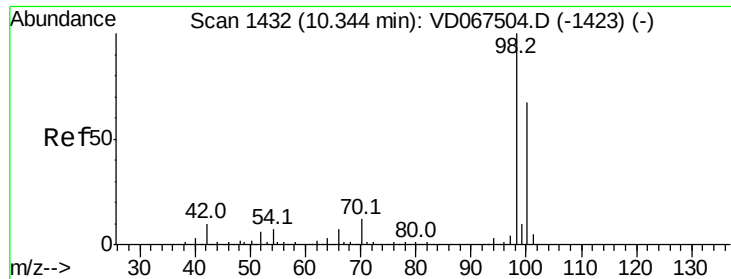


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC

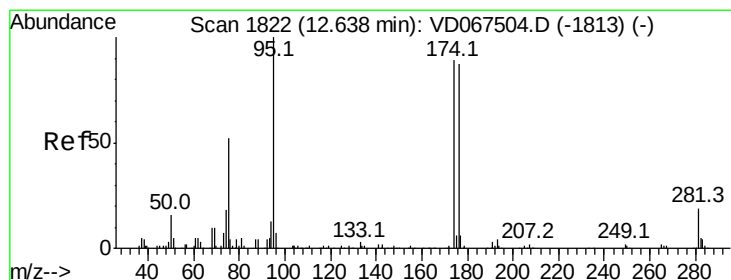
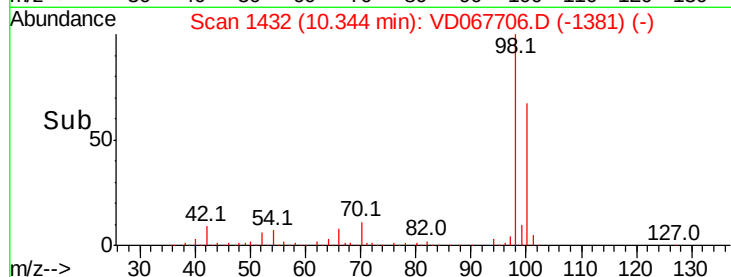
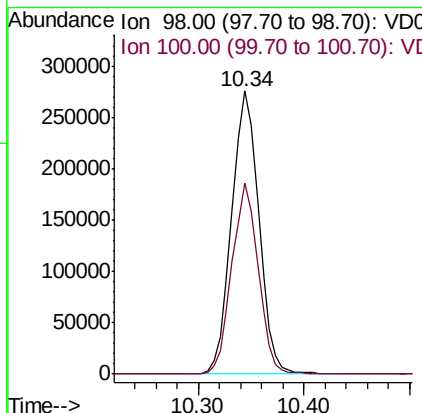
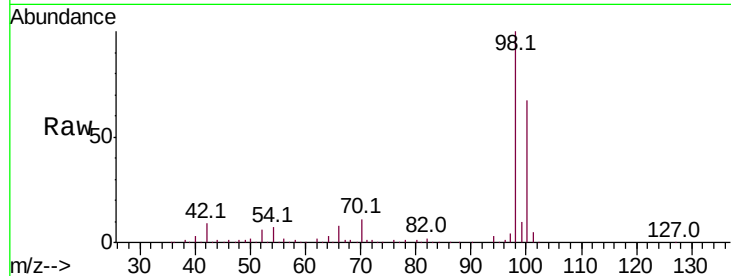




#50
Toluene-d8
Concen: 55.951 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

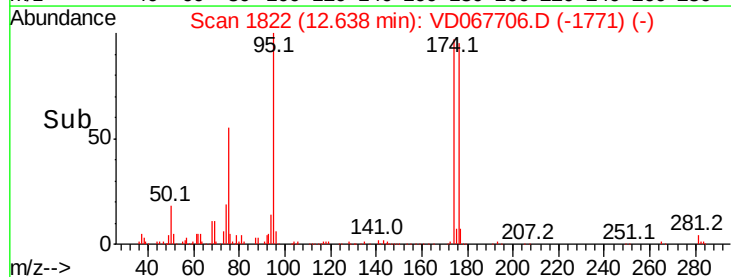
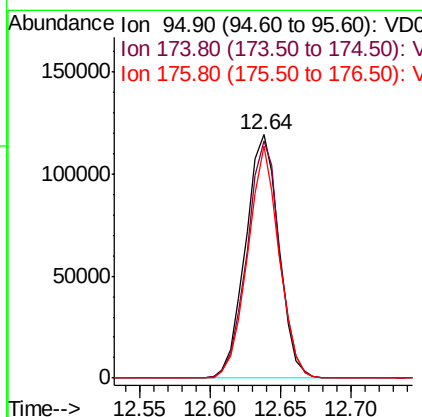
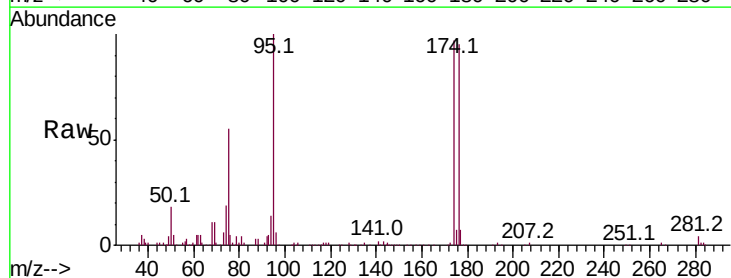
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

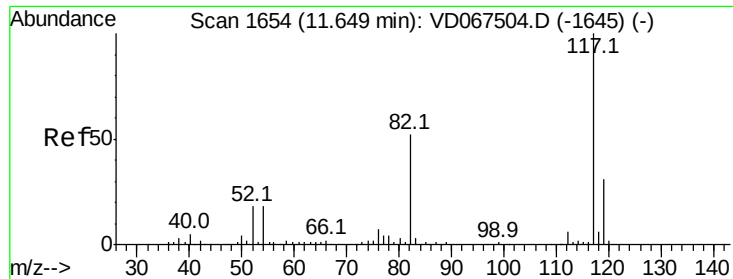
Tot Ion: 98 Resp: 493012
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.135 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Tgt Ion: 95 Resp: 198151
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.8
176 89.5 0.0 172.0

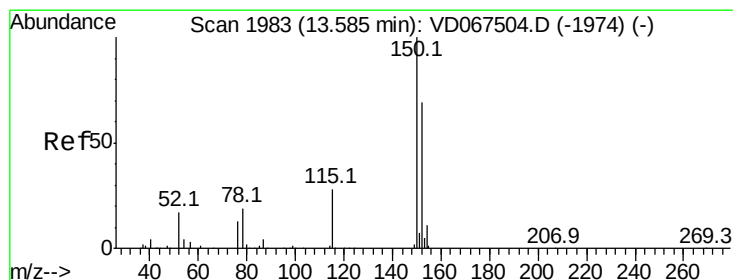
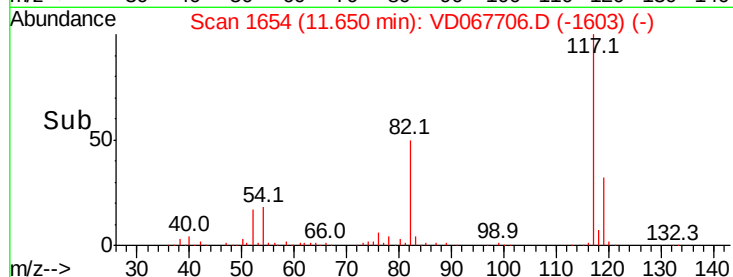
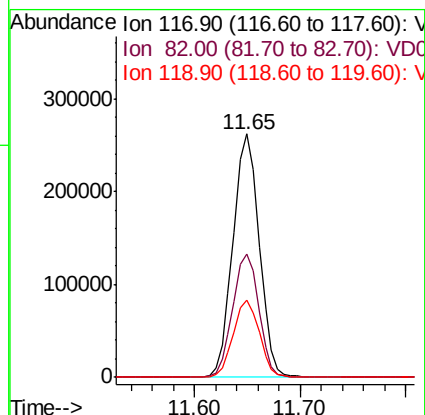
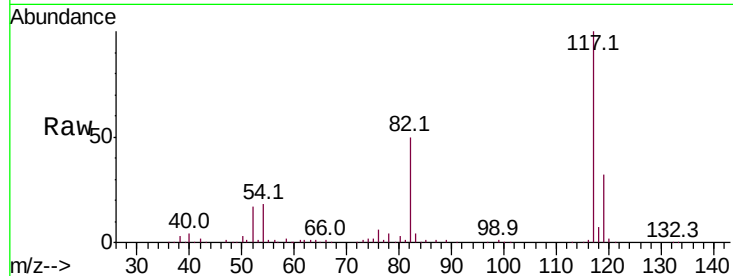




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

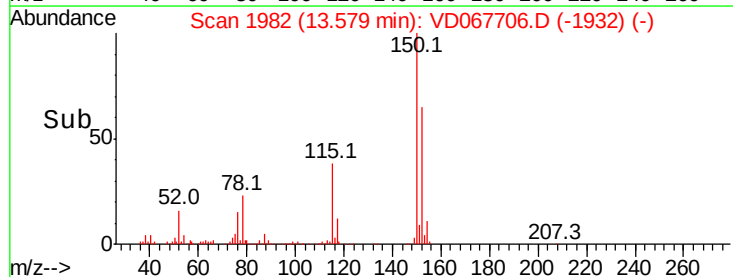
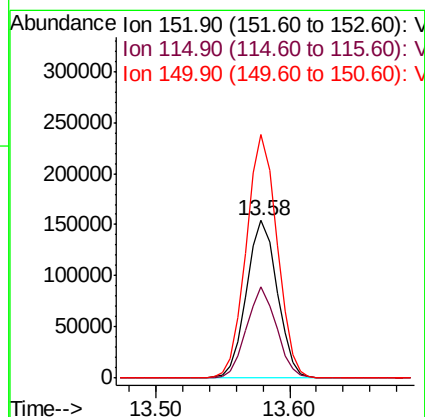
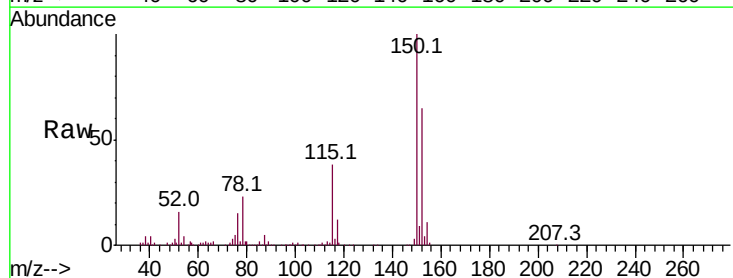
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C5-D5-C5A-D5A

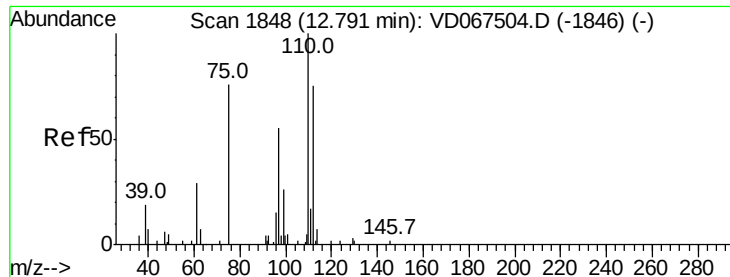
Tot Ion:117 Resp: 450534
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067706.D
Acq: 19 Nov 2020 14:15

Tgt Ion:152 Resp: 245621
Ion Ratio Lower Upper
152 100
115 56.2 29.3 88.0
150 154.9 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 72.496 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067706.D

Acq: 19 Nov 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

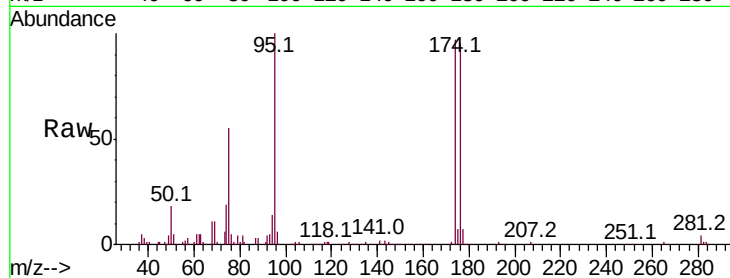
FK-BPM-01-C5-D5-C5A-D5A

Tot Ion: 75 Resp: 107419

Ion Ratio Lower Upper

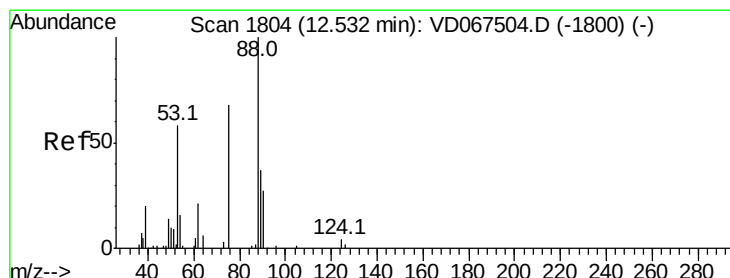
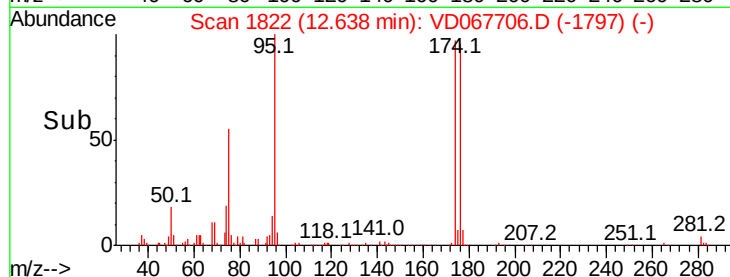
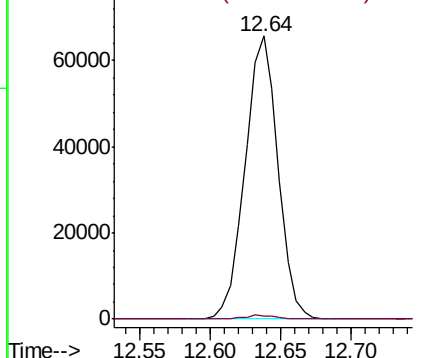
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 147.186 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067706.D

Acq: 19 Nov 2020 14:15

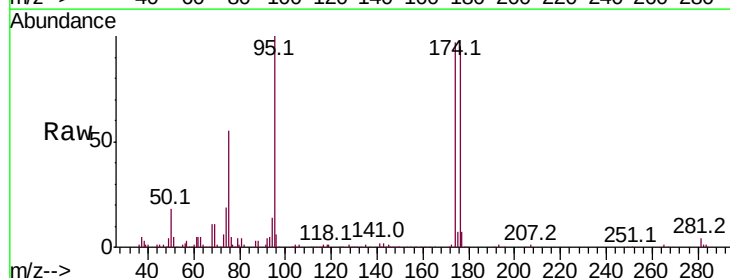
Tgt Ion: 75 Resp: 107419

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

