

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067668.D
 Acq On : 17 Nov 2020 17:47
 Operator : VA/SY
 Sample : L4770-04
 Misc : 4.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-2-3

Quant Time: Nov 17 23:59:42 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

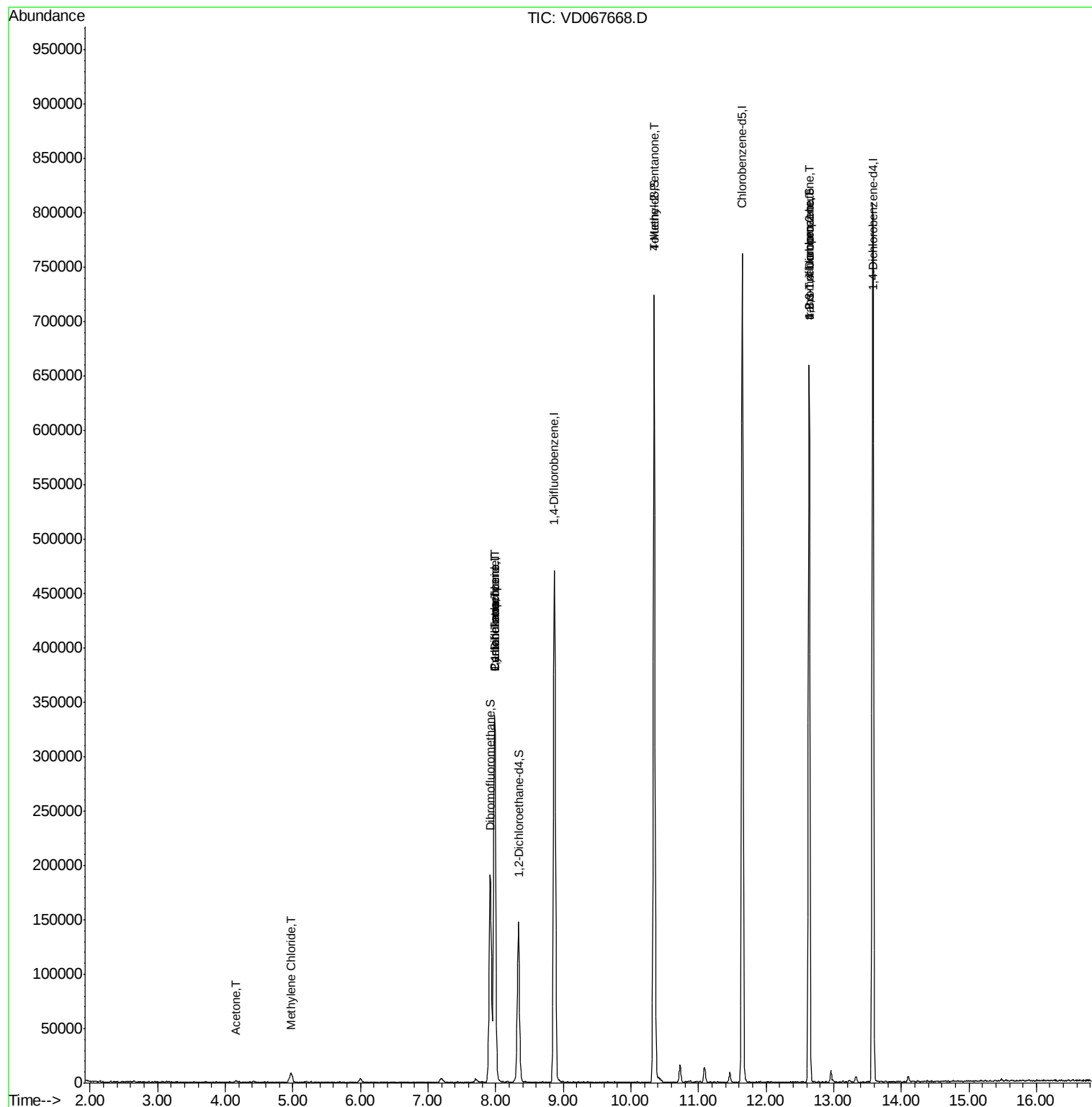
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	264780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	129168	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.92	113	135504	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	10.34	98	510935	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.64	95	198375	63.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	2045	5.903	ug/l #	73
20) Methylene Chloride	4.98	84	6476	2.646	ug/l #	76
31) Cyclohexane	7.99	56	4693	1.398	ug/l #	23
36) 1,1-Dichloropropene	7.99	75	18466	5.021	ug/l #	50
38) Carbon Tetrachloride	7.99	117	27698	5.796	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	1565	1.733	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	104154	75.247	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104154	152.771	ug/l #	10

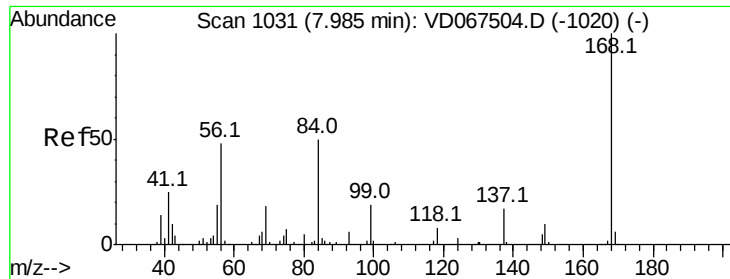
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067668.D
Acq On : 17 Nov 2020 17:47
Operator : VA/SY
Sample : L4770-04
Misc : 4.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-2-3

Quant Time: Nov 17 23:59:42 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: VD067668.D

Acq: 17 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

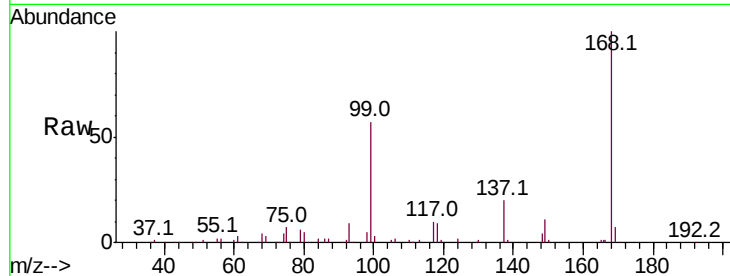
FJ-BH-01-2-3

Tot Ion:168 Resp: 264780

Ion Ratio Lower Upper

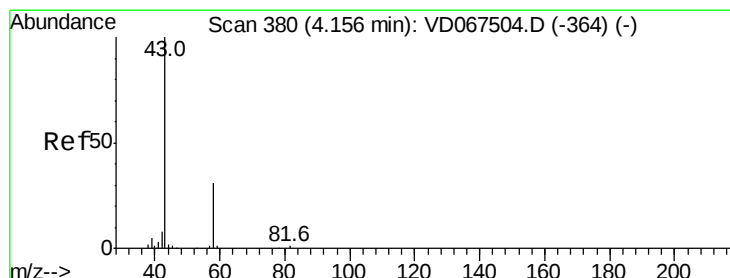
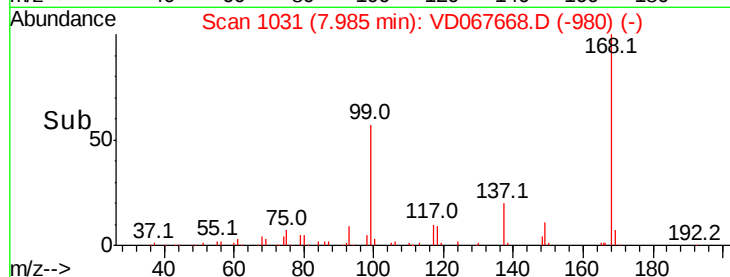
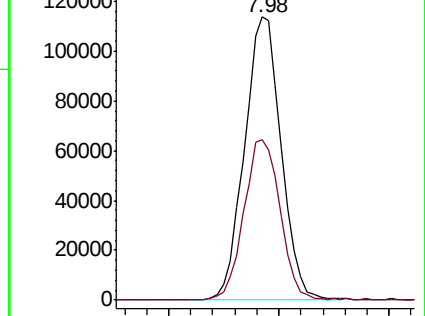
168 100

99 56.5 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: 5.903 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067668.D

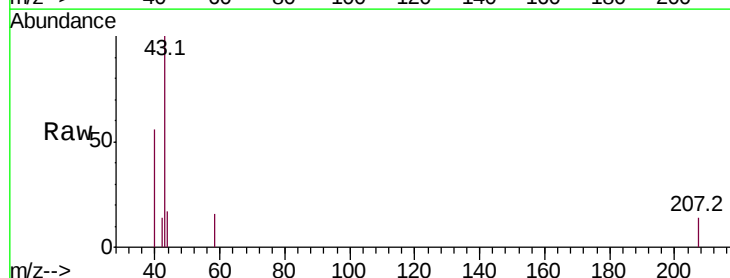
Acq: 17 Nov 2020 17:47

Tgt Ion: 43 Resp: 2045

Ion Ratio Lower Upper

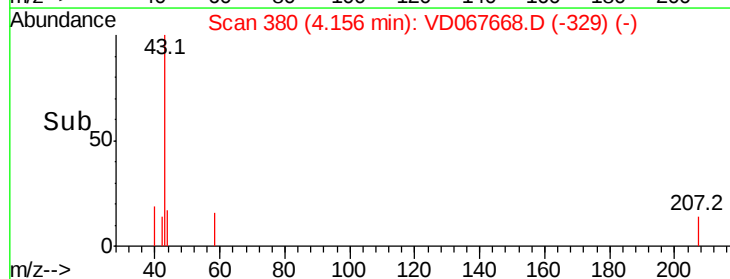
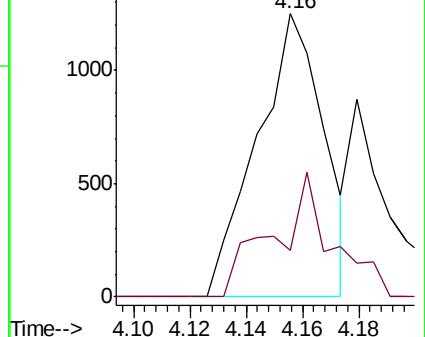
43 100

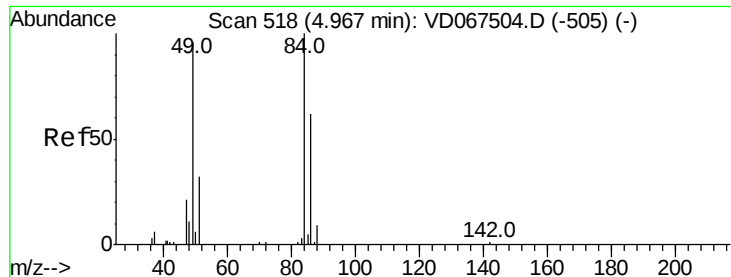
58 16.4 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

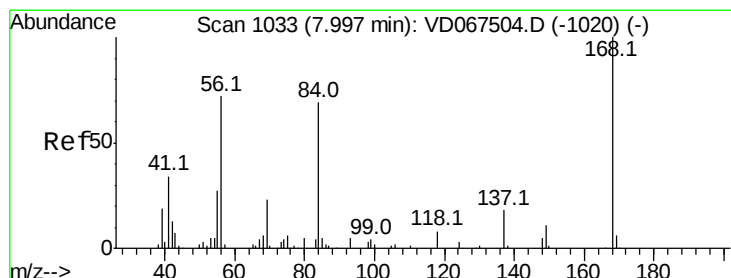
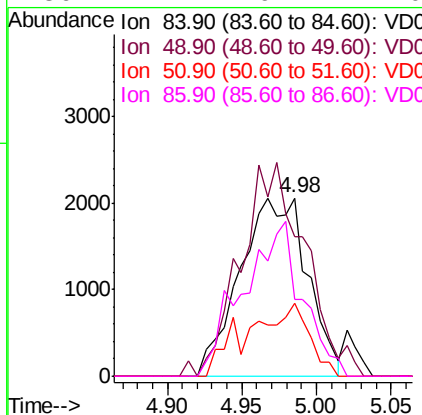
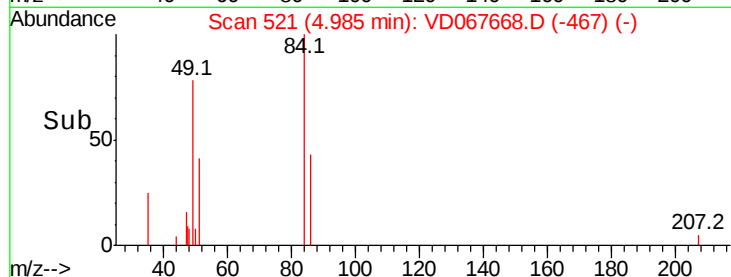
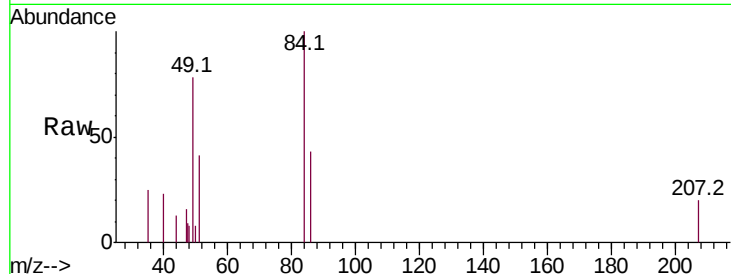




#20
Methvlene Chloride
Concen: 2.646 ug/l
RT: 4.98 min Scan# 521
Delta R.T. 0.02 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

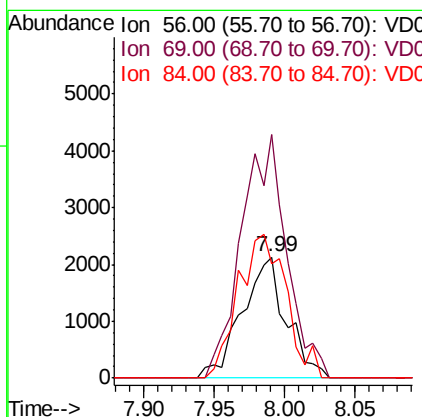
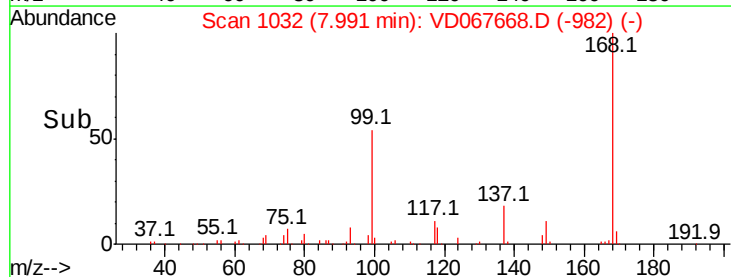
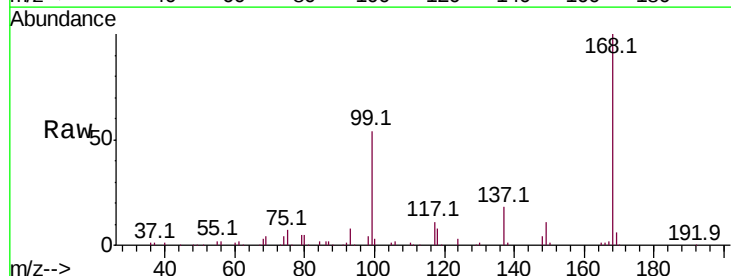
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-2-3

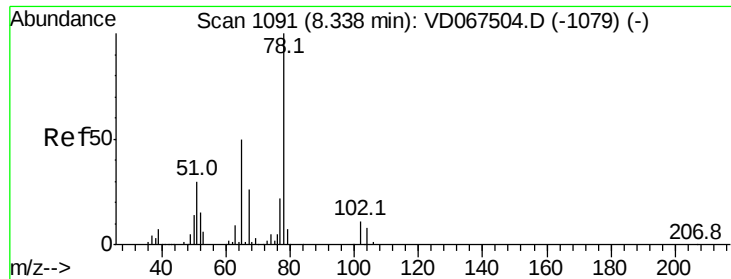
Tot Ion: 84 Resp: 6476
Ion Ratio Lower Upper
84 100
49 69.9 77.0 115.4#
51 40.6 25.4 38.2#
86 42.7 49.4 74.0#



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

Tgt Ion: 56 Resp: 4693
Ion Ratio Lower Upper
56 100
69 201.7 25.9 38.9#
84 94.3 76.2 114.4





#33

1,2-Dichloroethane-d4

Concen: 55.791 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067668.D

Acq: 17 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

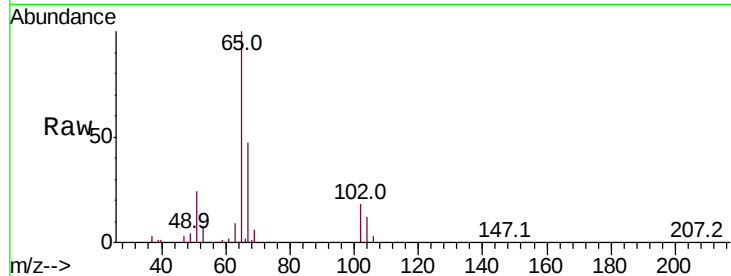
FJ-BH-01-2-3

Tot Ion: 65 Resp: 129168

Ion Ratio Lower Upper

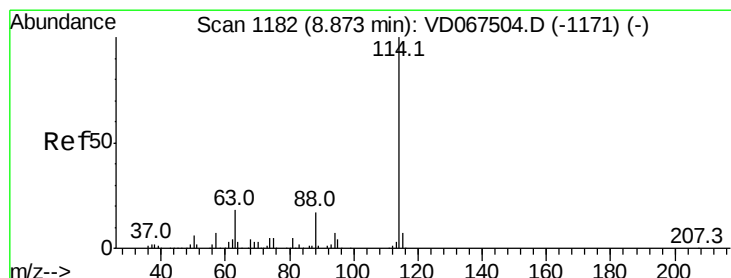
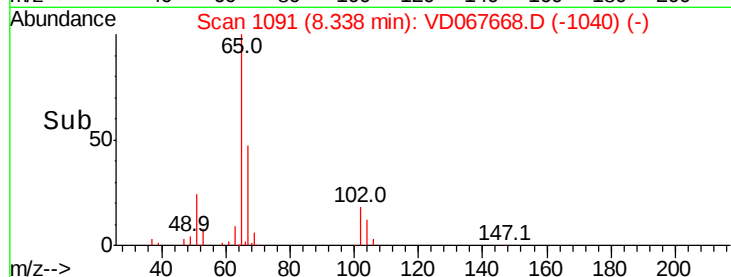
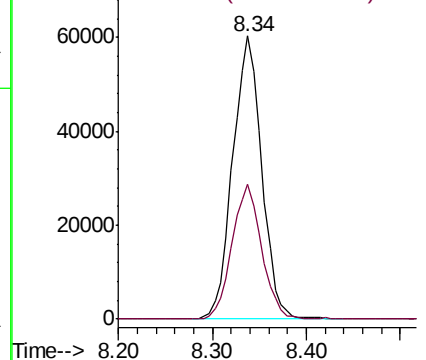
65 100

67 48.5 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# 1182

Delta R.T. -0.00 min

Lab File: VD067668.D

Acq: 17 Nov 2020 17:47

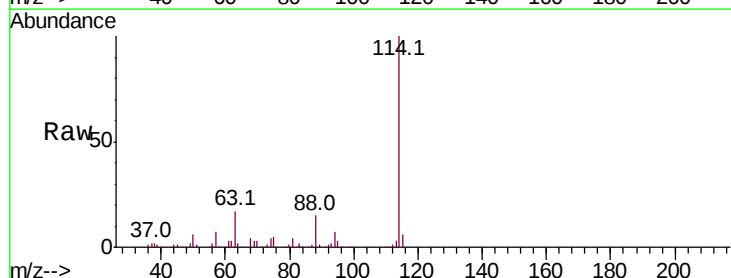
Tgt Ion:114 Resp: 429689

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

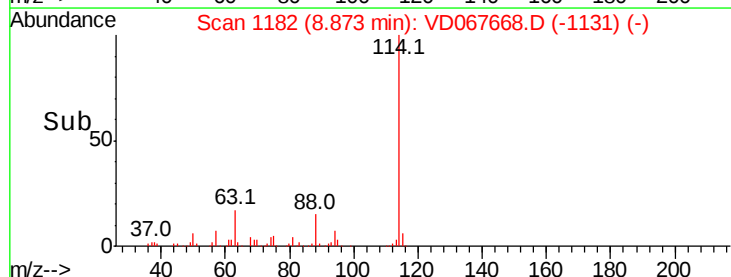
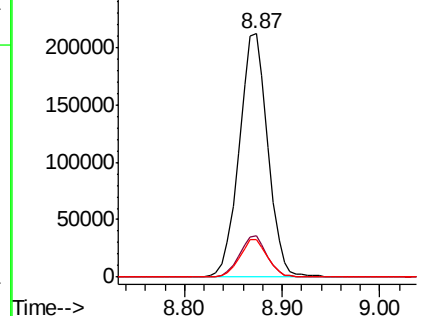
88 15.3 0.0 33.0

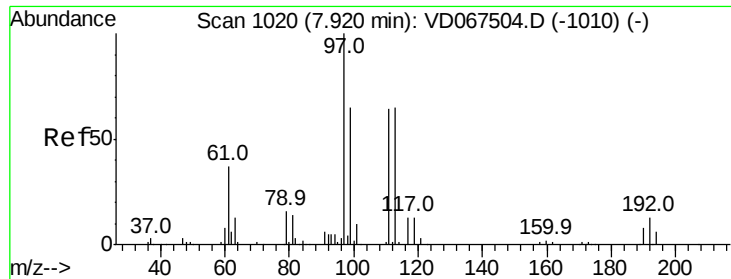


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

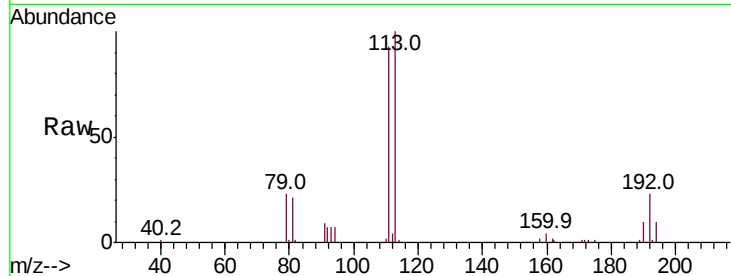




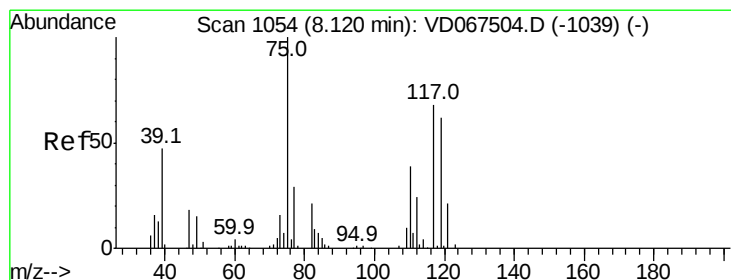
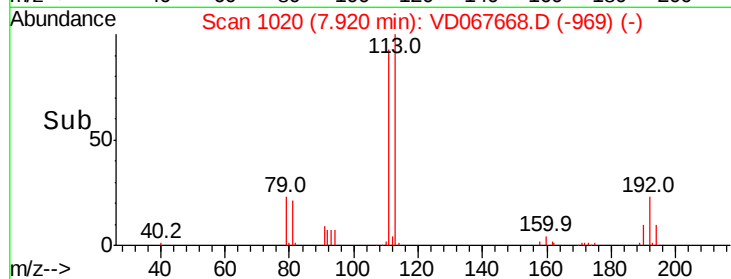
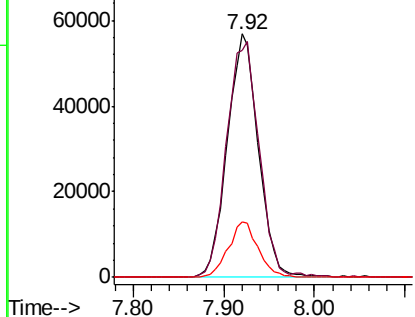
#35
 Dibromofluoromethane
 Concen: 52.341 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067668.D
 Acq: 17 Nov 2020 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-2-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.0	120.0
192	21.7	16.3	24.5

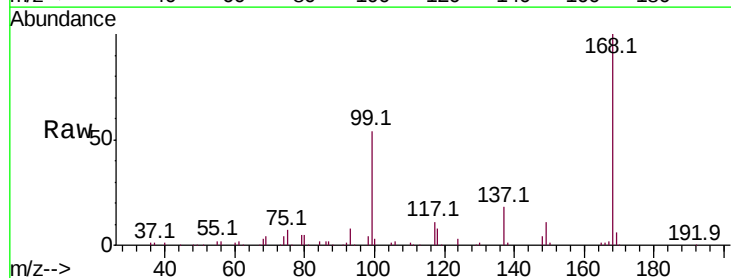


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

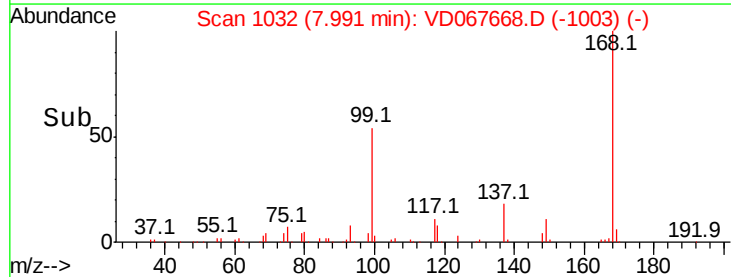
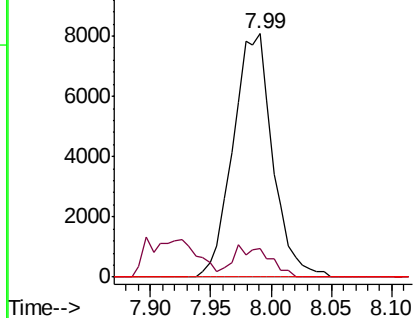


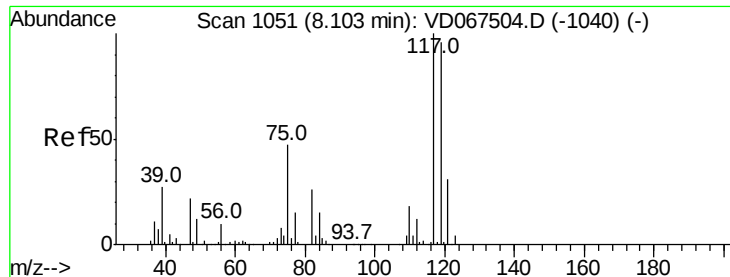
#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.13 min
 Lab File: VD067668.D
 Acq: 17 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	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): V
 Ion 76.90 (76.60 to 77.60): VDC

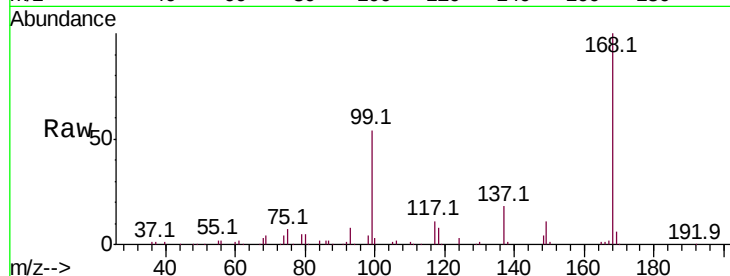




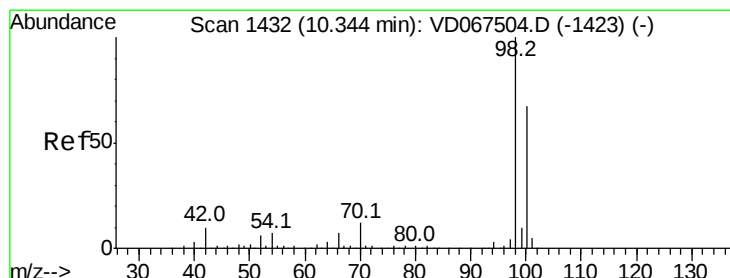
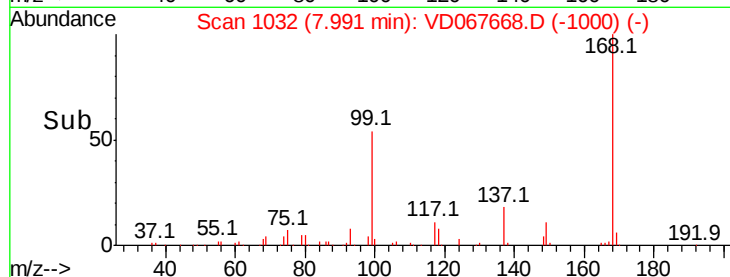
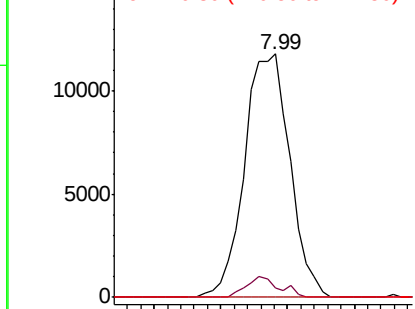
#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-2-3

Tot Ion:117 Resp: 27698
Ion Ratio Lower Upper
117 100
119 4.0 76.9 115.3#
121 0.0 24.5 36.7#

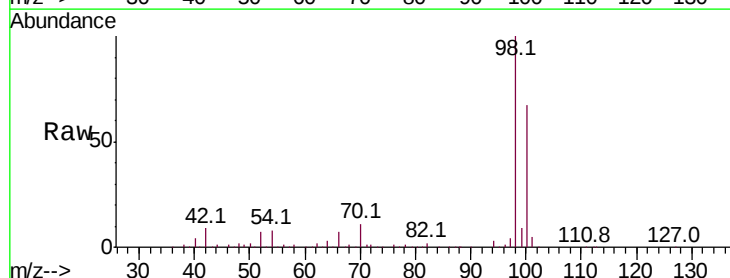


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

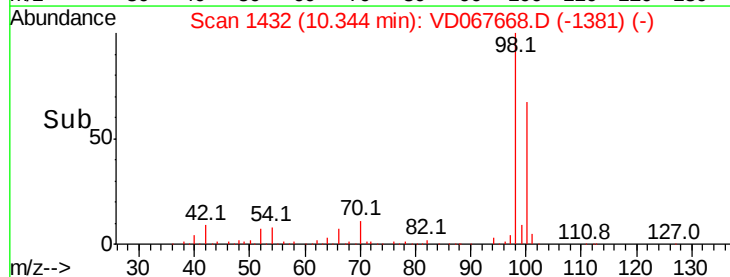
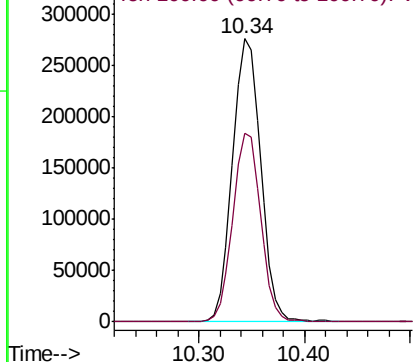


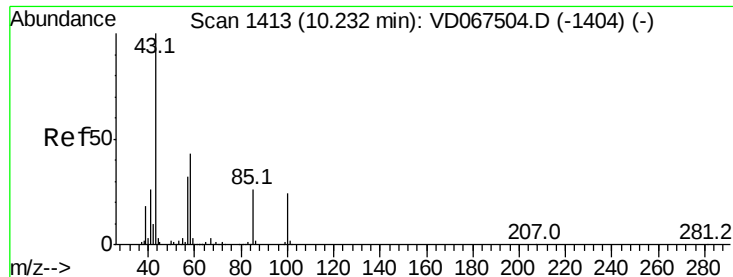
#50
Toluene-d8
Concen: 56.160 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

Tgt Ion: 98 Resp: 510935
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 1.733 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067668.D

Acq: 17 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

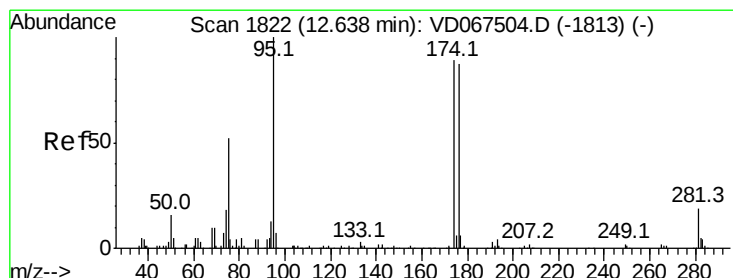
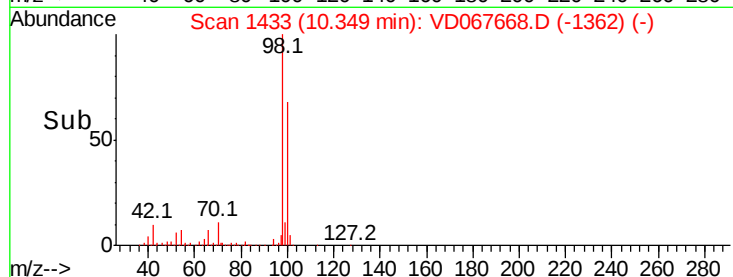
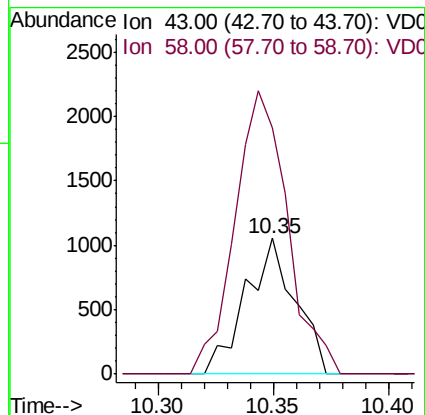
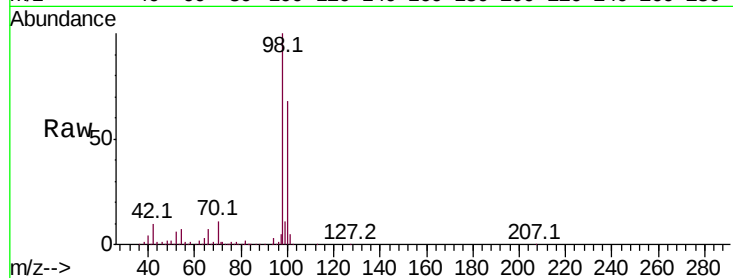
FJ-BH-01-2-3

Tot Ion: 43 Resp: 1565

Ion Ratio Lower Upper

43 100

58 223.4 35.6 53.4#



#62

4-Bromofluorobenzene

Concen: 63.156 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067668.D

Acq: 17 Nov 2020 17:47

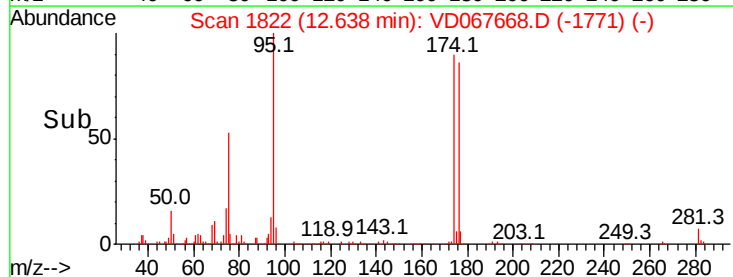
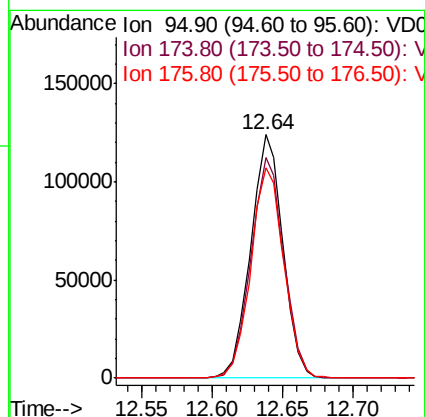
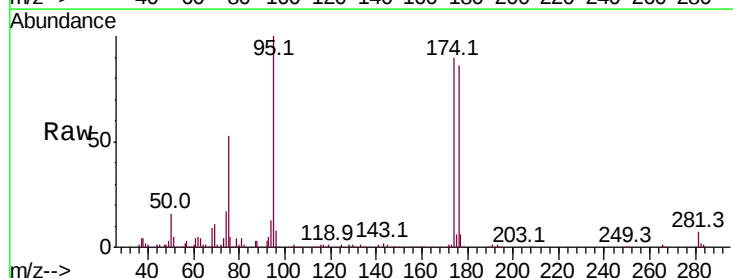
Tgt Ion: 95 Resp: 198375

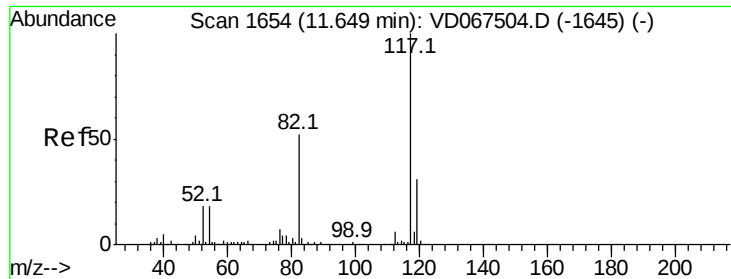
Ion Ratio Lower Upper

95 100

174 92.9 0.0 177.8

176 88.6 0.0 172.0

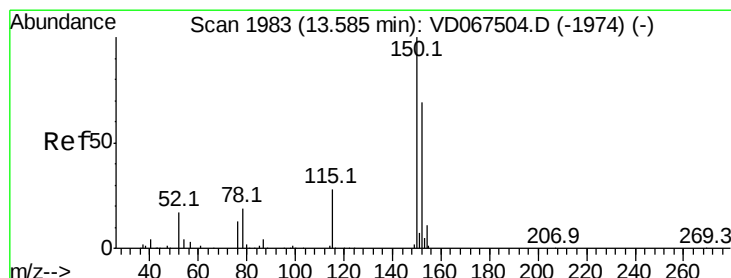
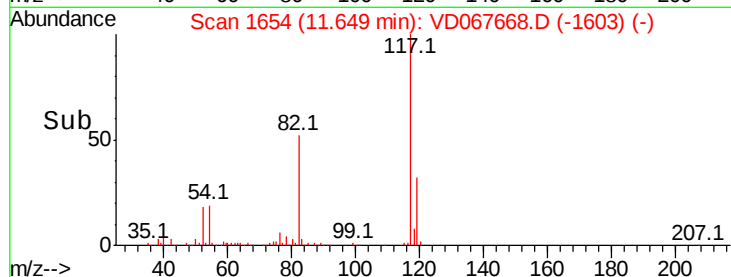
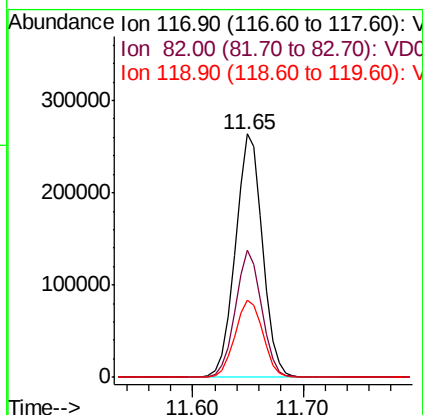
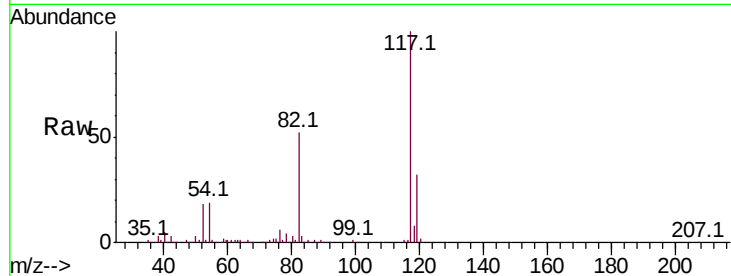




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

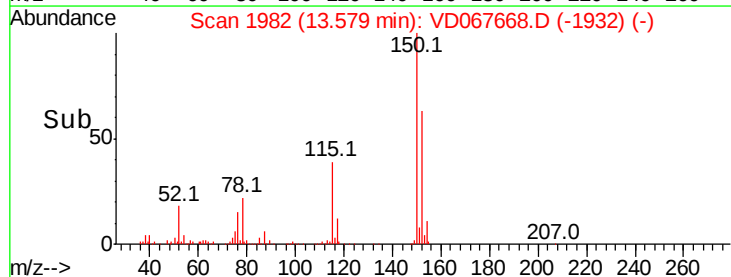
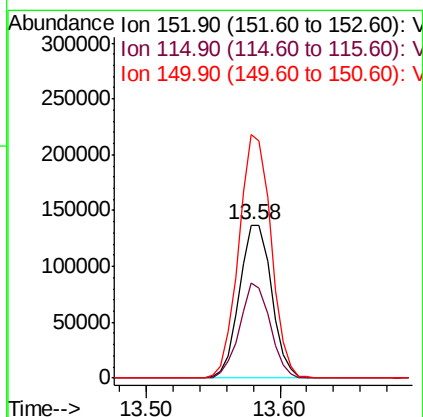
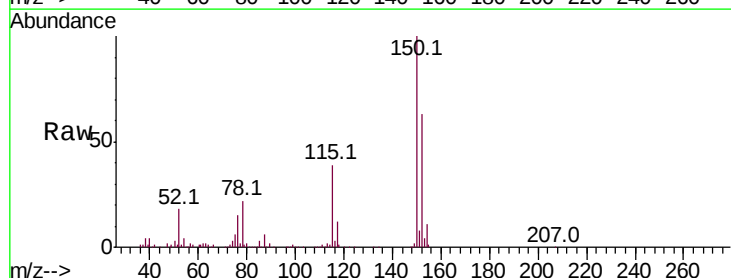
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-2-3

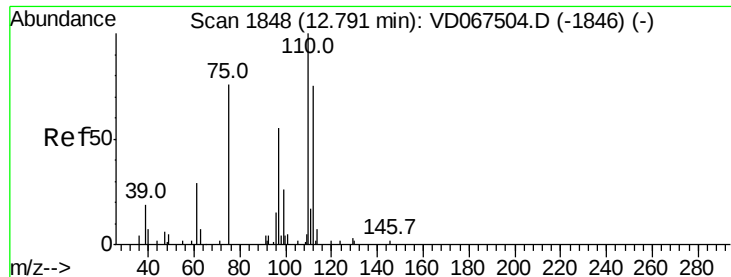
Tot Ion:117 Resp: 454131
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067668.D
Acq: 17 Nov 2020 17:47

Tgt Ion:152 Resp: 229448
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 158.4 0.0 338.2

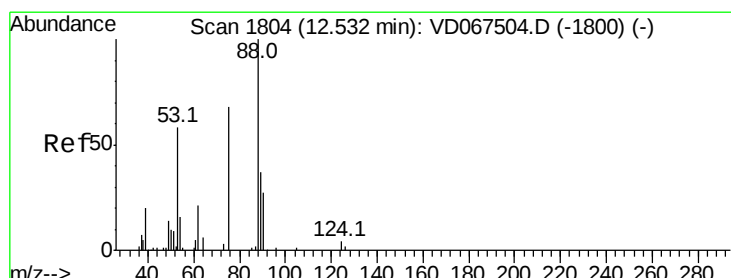
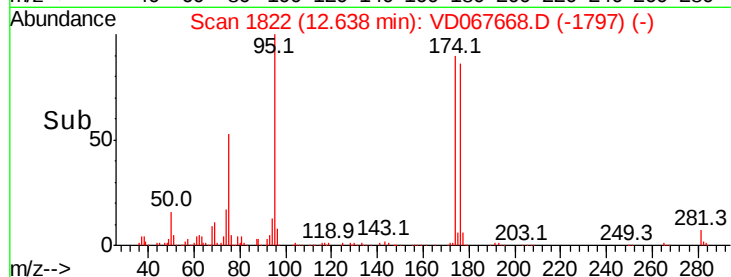
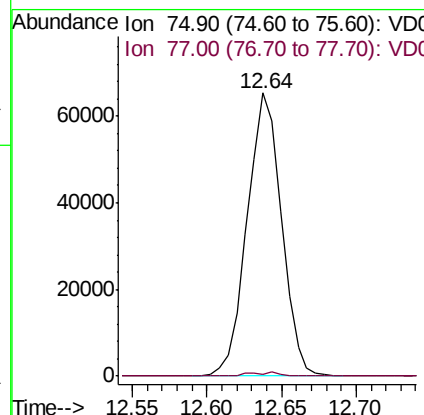
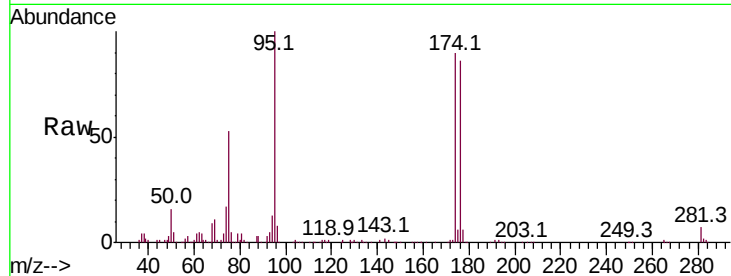




#76
 1,2,3-Trichloropropane
 Concen: 75.247 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067668.D
 Acq: 17 Nov 2020 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-2-3

Tot Ion: 75 Resp: 104154
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.771 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067668.D
 Acq: 17 Nov 2020 17:47

Tgt Ion: 75 Resp: 104154
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.9 113.9#
 89 0.1 44.6 67.0#

