

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067680.D
 Acq On : 18 Nov 2020 12:41
 Operator : VA/SY
 Sample : L4770-14
 Misc : 2.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-0-1

Quant Time: Nov 19 00:26:34 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

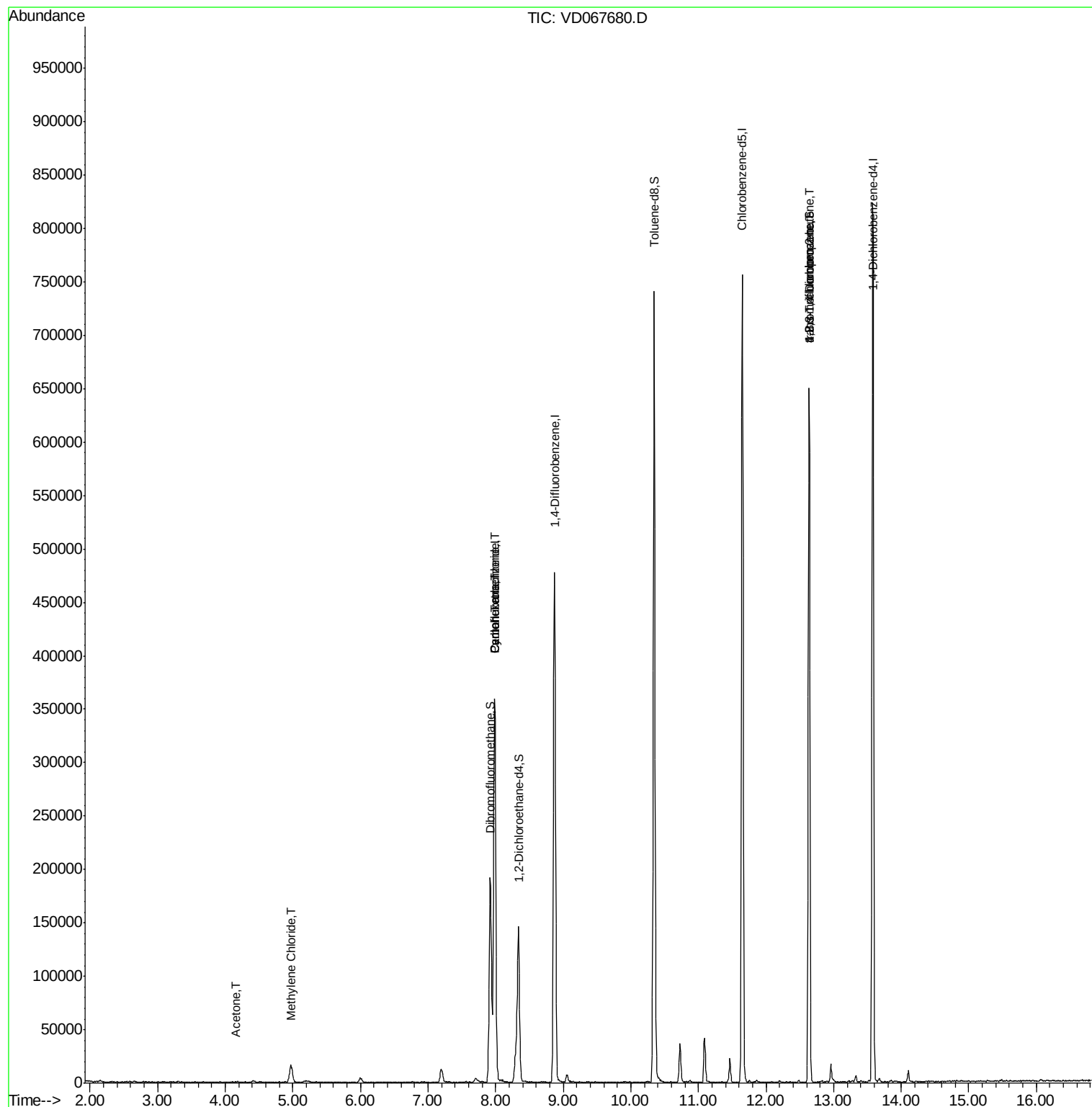
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	276773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	431226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	461266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	122777	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.92	113	132016	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.34	98	513773	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
62) 4-Bromofluorobenzene	12.64	95	203302	64.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.98%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	711	Below Cal	#	44
11) Tert butyl alcohol	5.19	59	1145	Below Cal	#	79
16) Acetone	4.16	43	932	2.574	ug/l #	62
20) Methylene Chloride	4.97	84	12624	4.935	ug/l	90
31) Cyclohexane	7.98	56	5123	1.460	ug/l #	40
38) Carbon Tetrachloride	7.99	117	28635	5.971	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	105836	73.338	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	105836	148.896	ug/l #	10

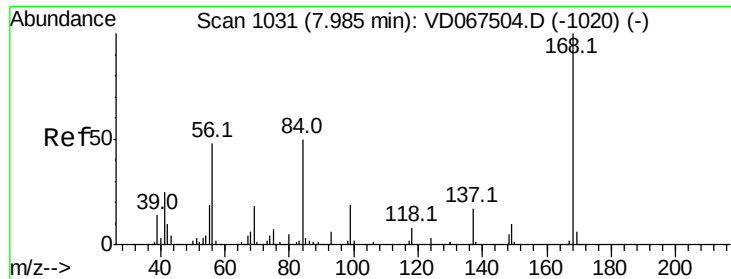
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 19 00:26:34 2020
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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: VD067680.D

Acq: 18 Nov 2020 12:41

Instrument :

MSVOA_D

ClientSampleId :

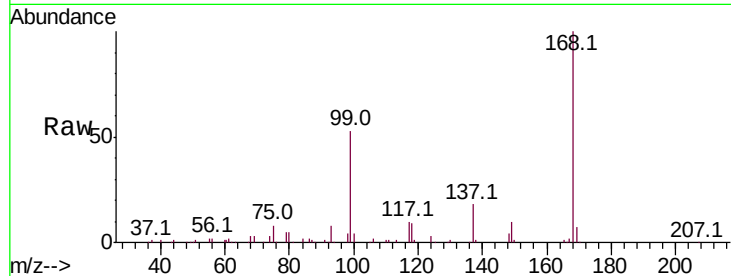
FJ-BH-03-0-1

Tot Ion:168 Resp: 276773

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

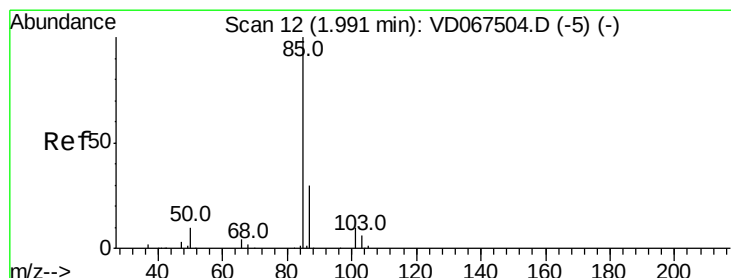
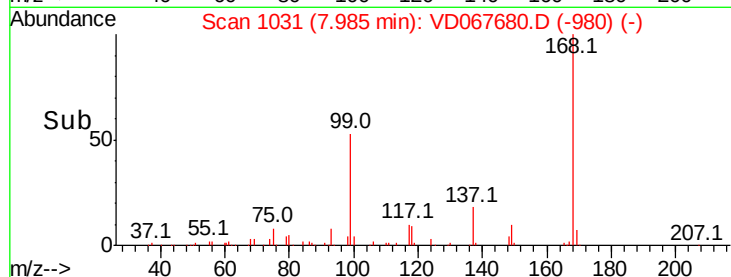
7.98

100000

50000

0

Time--> 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067680.D

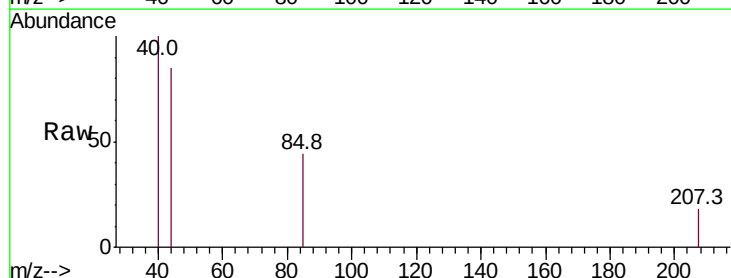
Acq: 18 Nov 2020 12:41

Tgt Ion: 85 Resp: 711

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

1.99

500

400

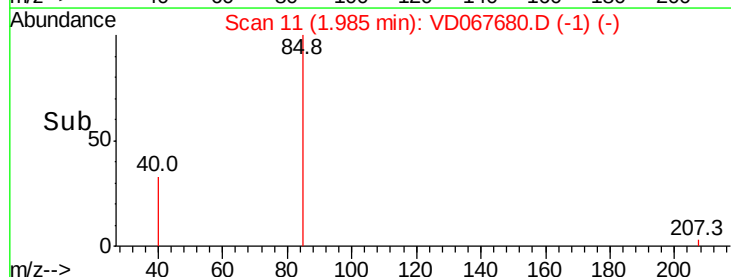
300

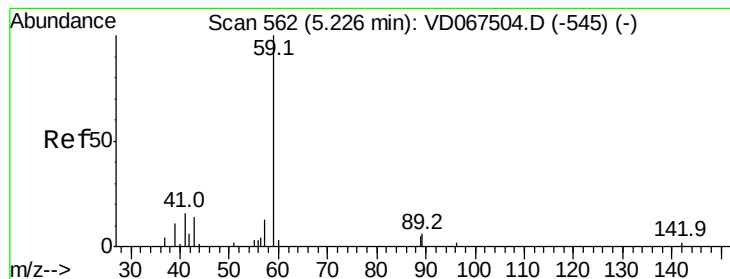
200

100

0

Time--> 1.94 1.96 1.98 2.00 2.02



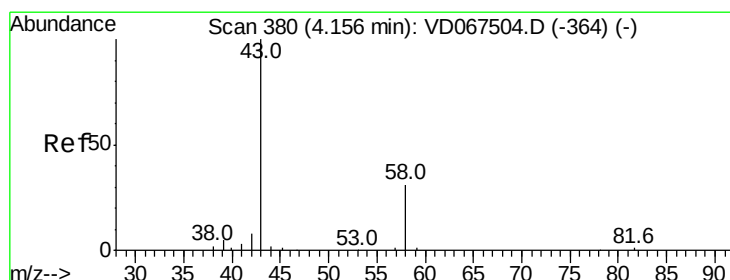
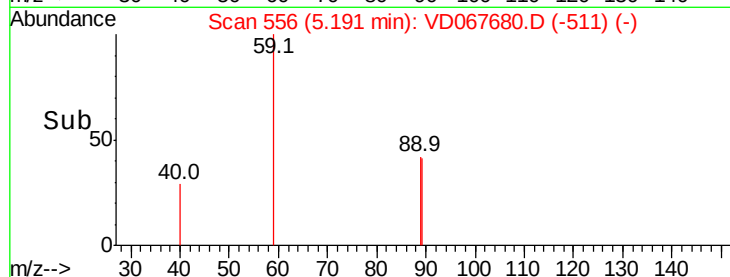
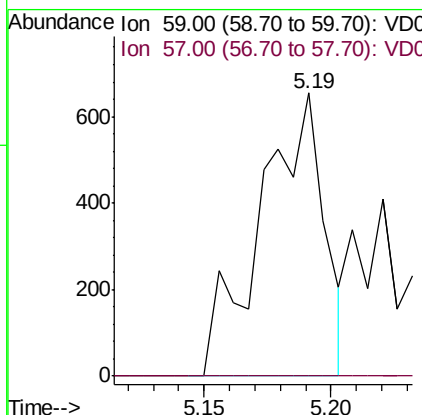
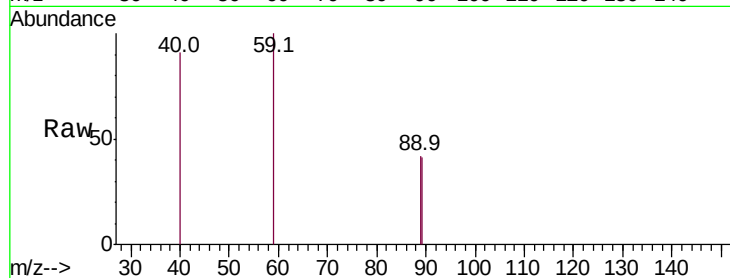


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-0-1

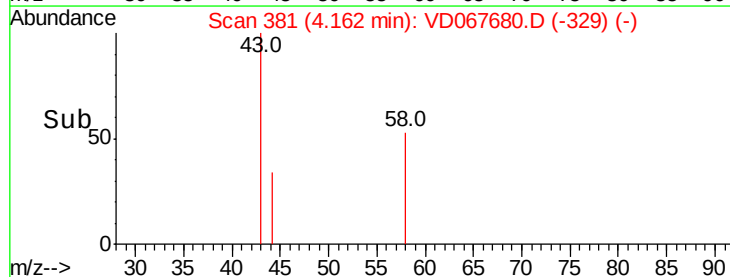
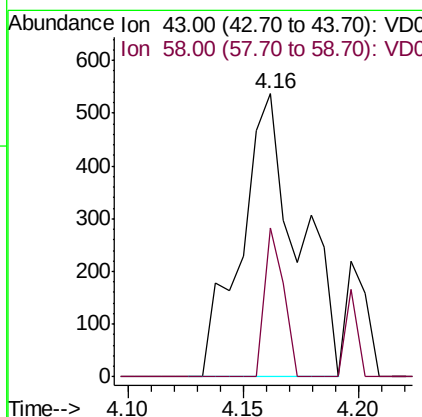
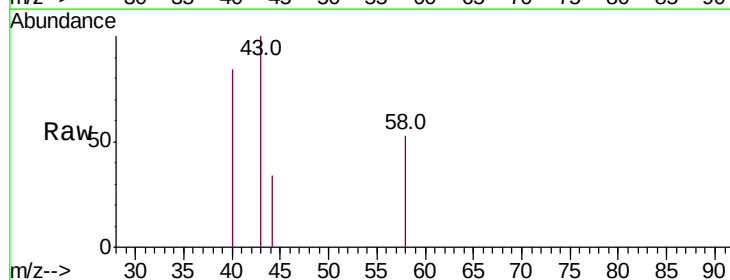
Tot Ion: 59 Resp: 1145
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

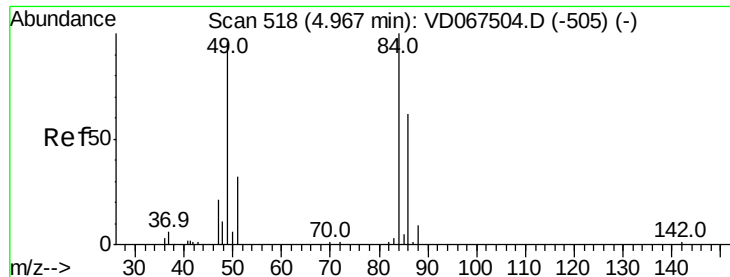


#16

Acetone
 Concen: 2.574 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Tgt Ion: 43 Resp: 932
 Ion Ratio Lower Upper
 43 100
 58 52.7 25.2 37.8#

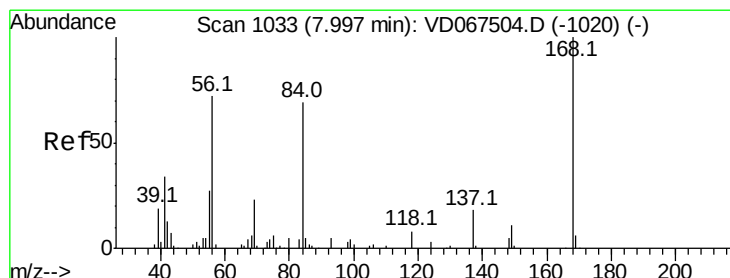
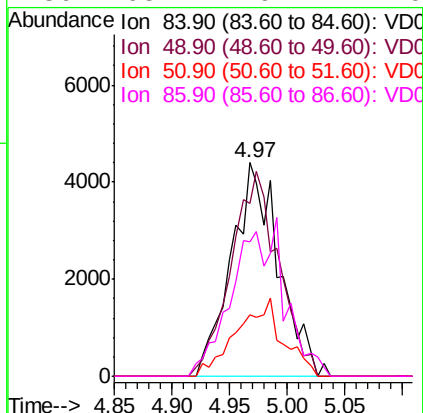
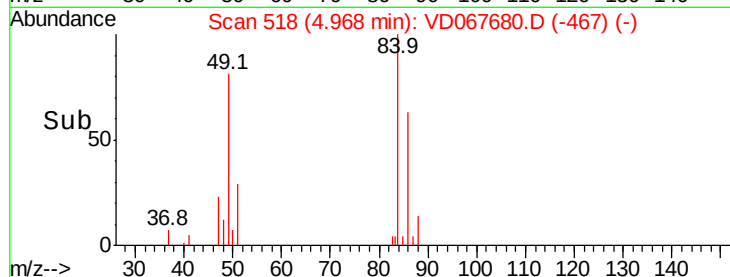
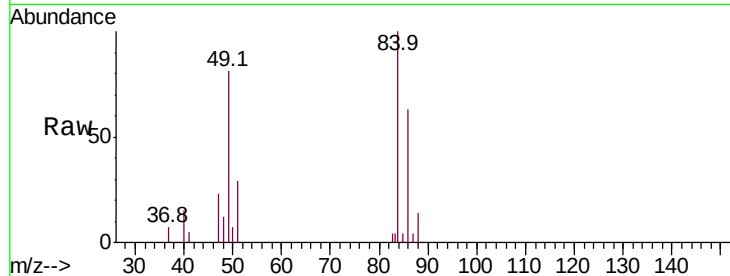




#20
Methvlene Chloride
Concen: 4.935 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

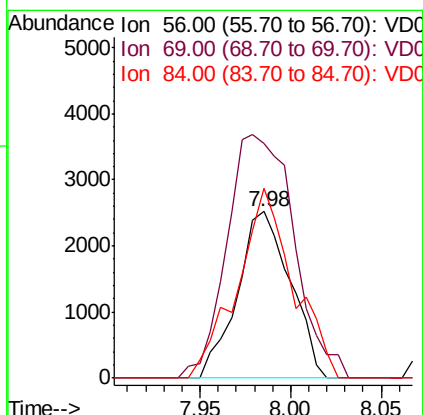
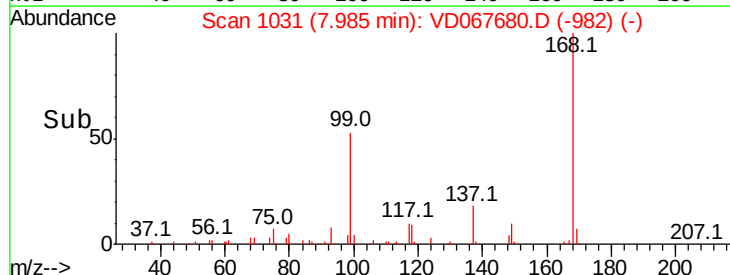
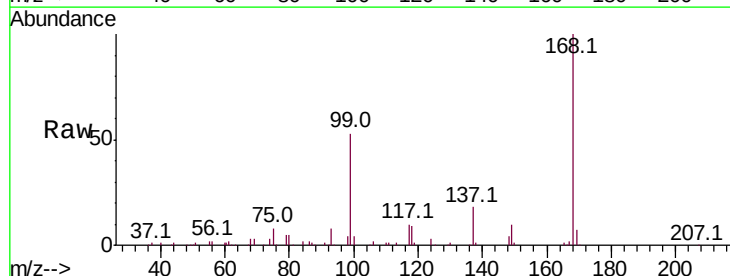
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-03-0-1

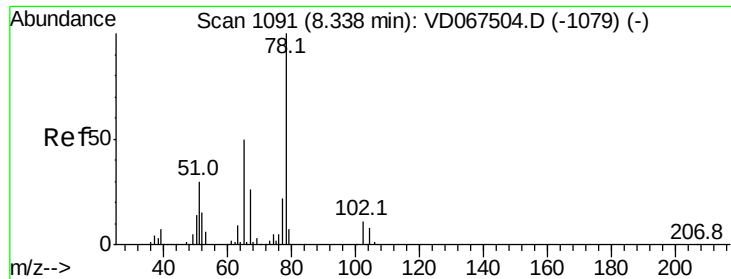
Tot Ion:	84	Resp:	12624
Ion	Ratio	Lower	Upper
84	100		
49	80.7	77.0	115.4
51	28.8	25.4	38.2
86	63.1	49.4	74.0



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

Tgt Ion:	56	Resp:	5123
Ion	Ratio	Lower	Upper
56	100		
69	133.7	25.9	38.9#
84	114.2	76.2	114.4

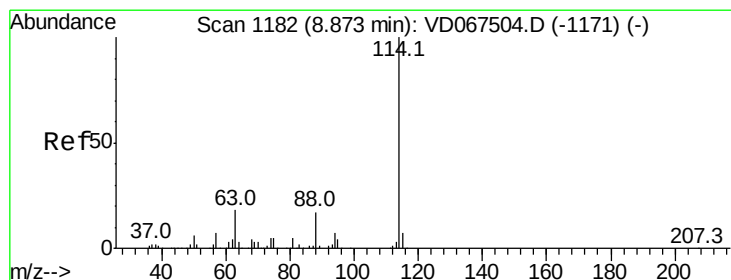
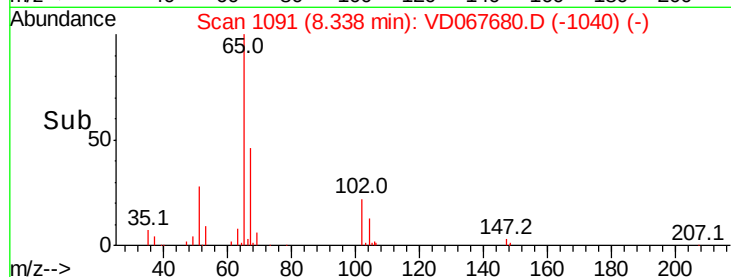
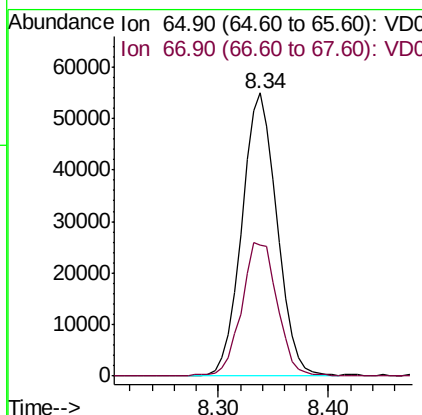
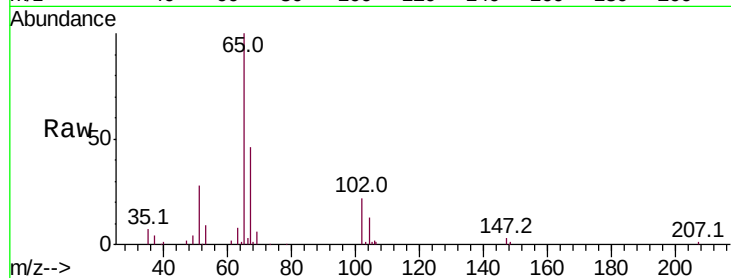




#33
 1,2-Dichloroethane-d4
 Concen: 50.733 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

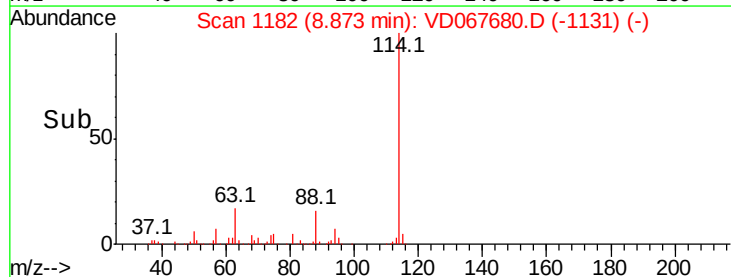
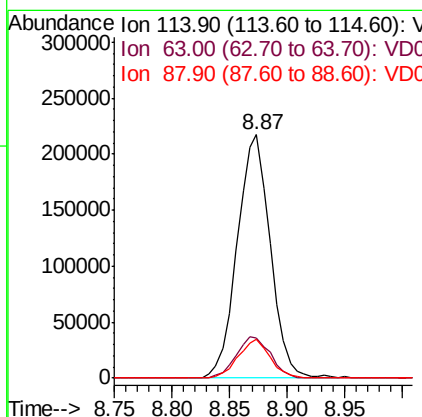
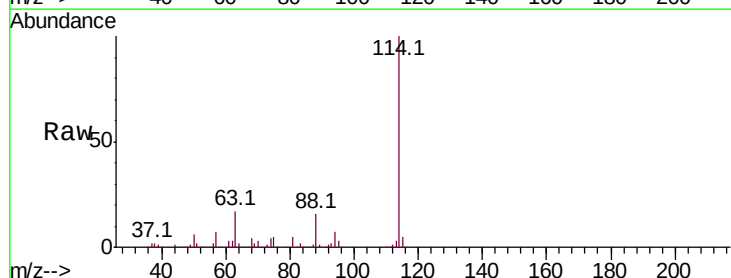
Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-0-1

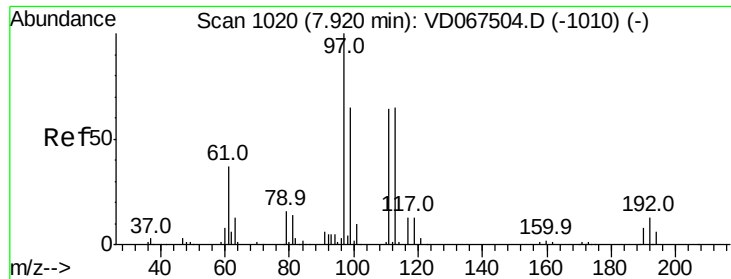
Tot Ion: 65 Resp: 122777
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Tgt Ion: 114 Resp: 431226
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 35.0
 88 15.9 0.0 33.0

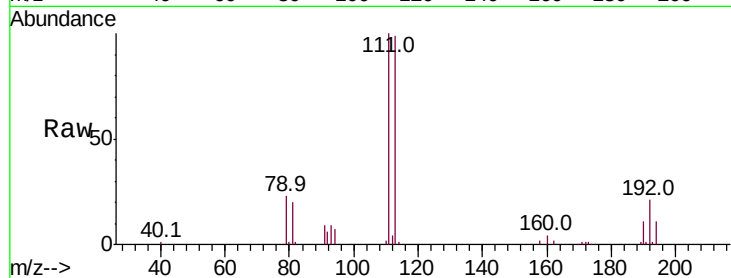




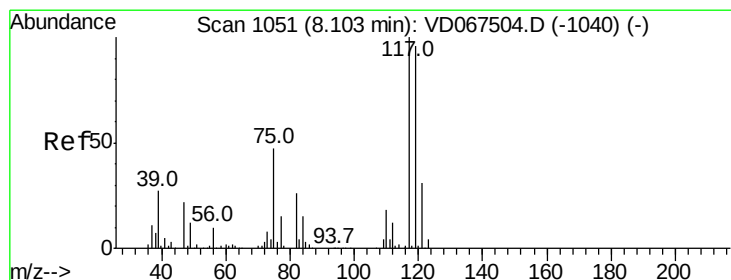
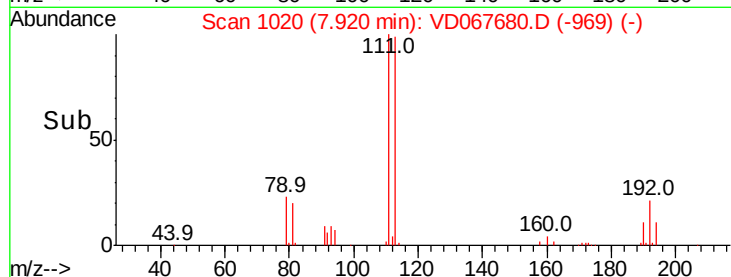
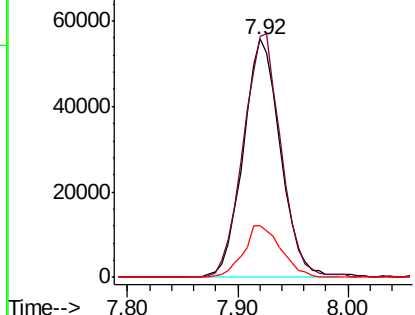
#35
 Dibromofluoromethane
 Concen: 50.812 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-0-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.0	120.0
192	21.7	16.3	24.5

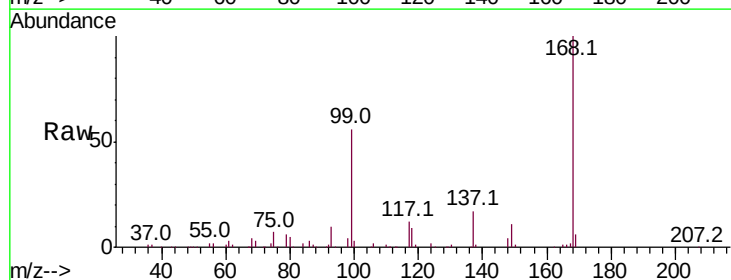


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

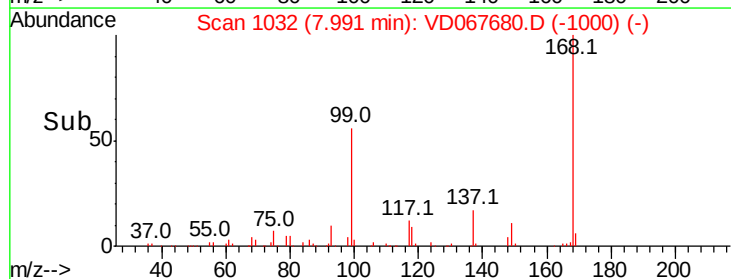
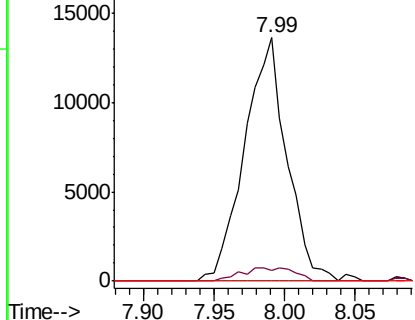


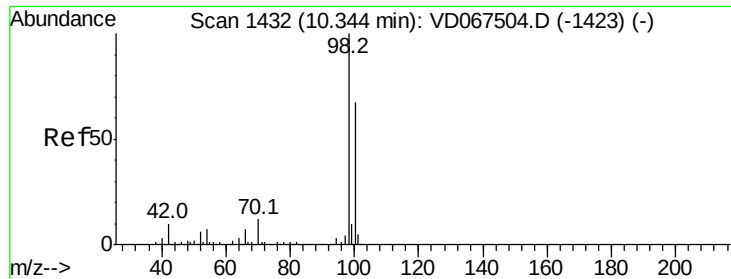
#38
 Carbon Tetrachloride
 Concen: 5.971 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	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

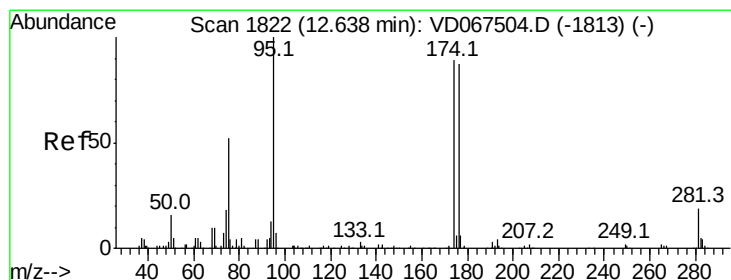
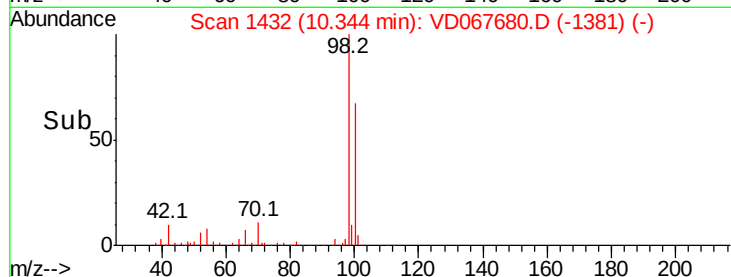
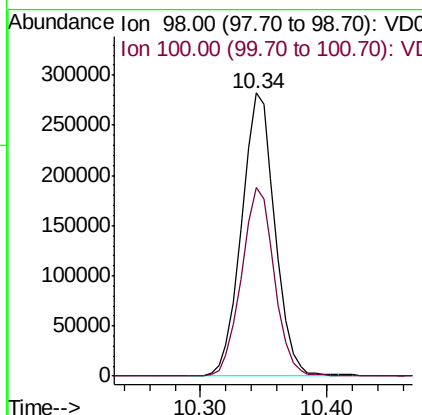
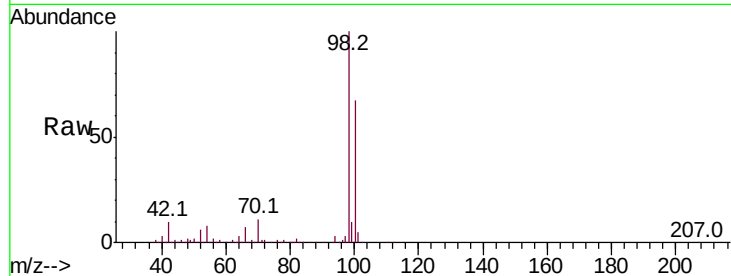




#50
Toluene-d8
Concen: 56.270 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

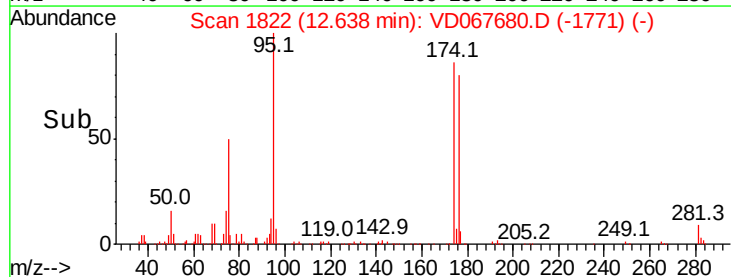
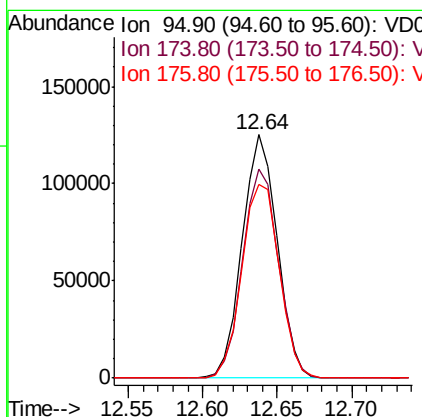
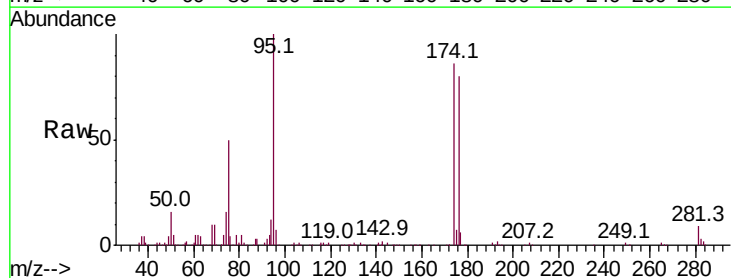
Instrument :
MSVOA_D
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FJ-BH-03-0-1

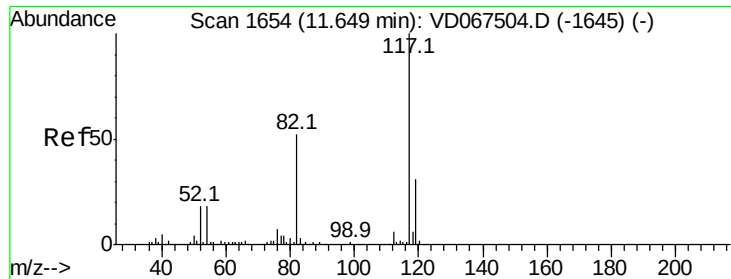
Tot Ion: 98 Resp: 513773
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.494 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

Tgt Ion: 95 Resp: 203302
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.8
176 85.5 0.0 172.0

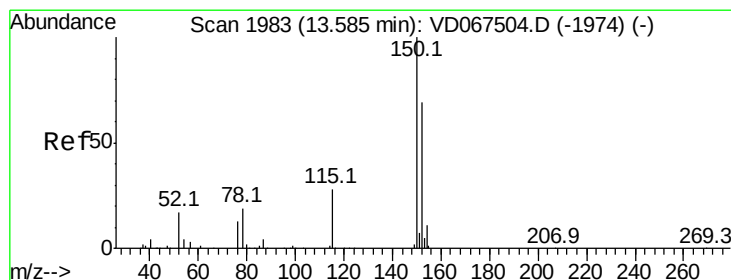
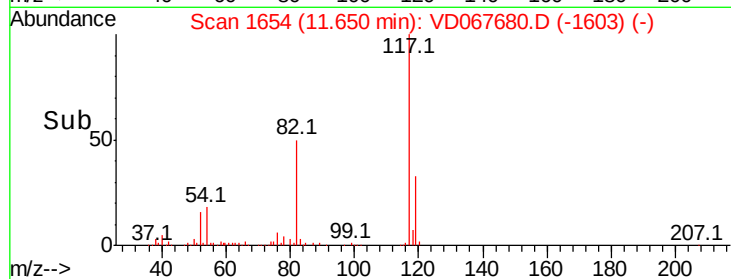
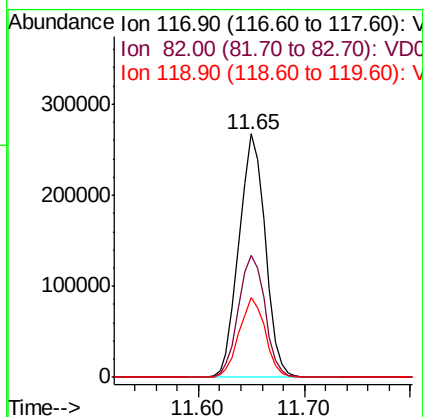
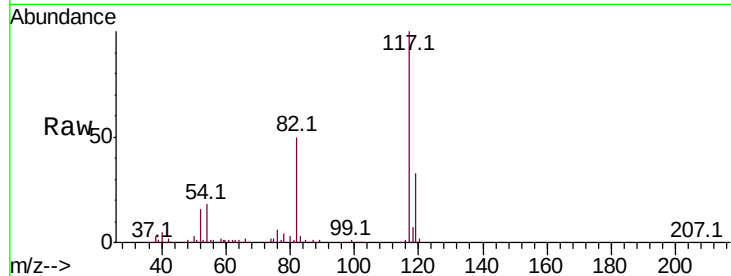




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

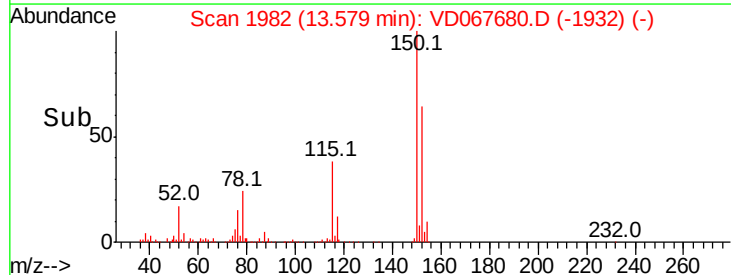
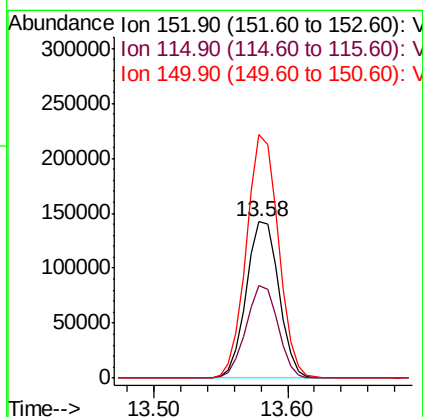
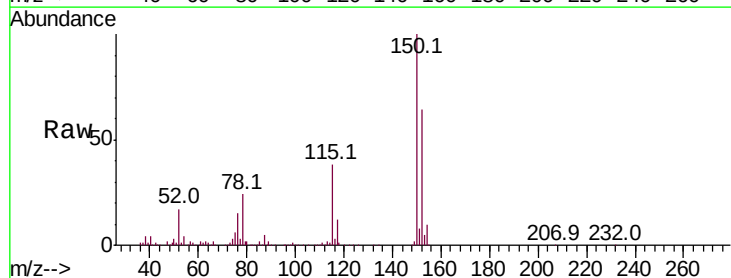
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-03-0-1

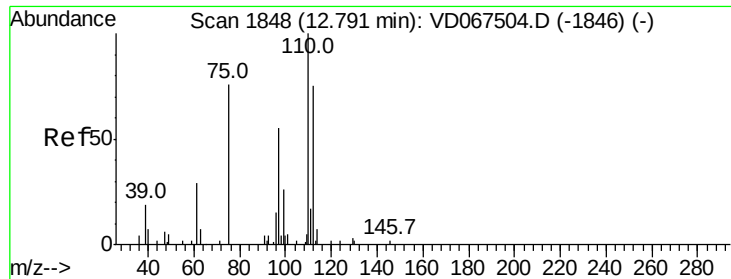
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.6	62.4
119	32.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067680.D
Acq: 18 Nov 2020 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	152.9	0.0	338.2

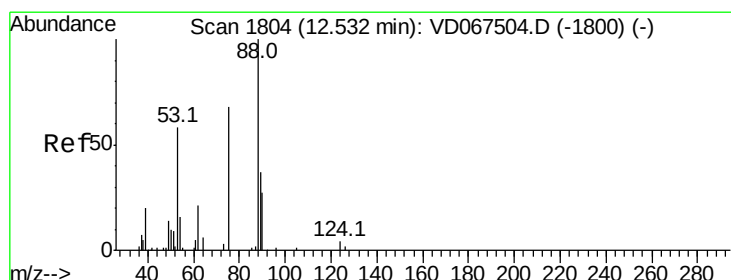
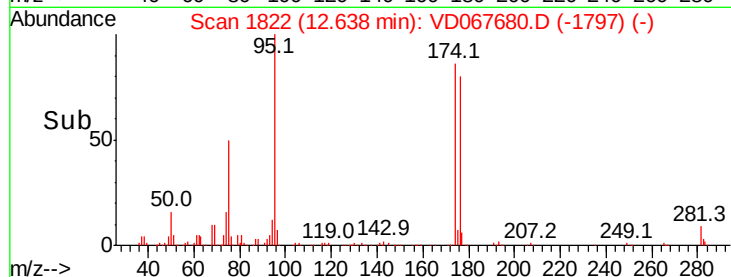
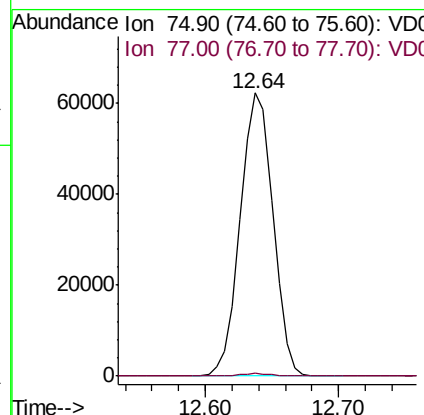
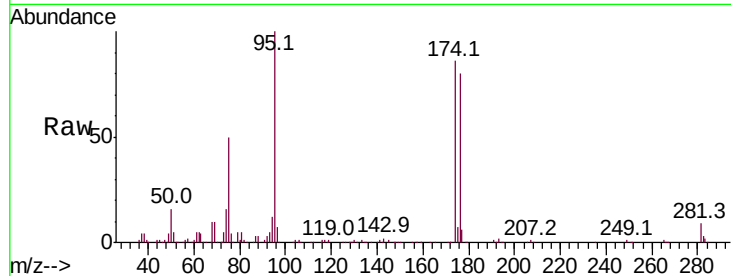




#76
 1,2,3-Trichloropropane
 Concen: 73.338 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-0-1

Tot Ion: 75 Resp: 105836
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.896 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067680.D
 Acq: 18 Nov 2020 12:41

Tgt Ion: 75 Resp: 105836
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.0 44.6 67.0#

