

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067667.D
 Acq On : 17 Nov 2020 17:20
 Operator : VA/SY
 Sample : L4770-02
 Misc : 2.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-0-1

Quant Time: Nov 17 23:59:34 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	7.99	168	242633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	396994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	329133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74147	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	114781	54.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.20%	
35) Dibromofluoromethane	7.92	113	123953	51.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	442477	52.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.64	95	103020	35.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.00%	

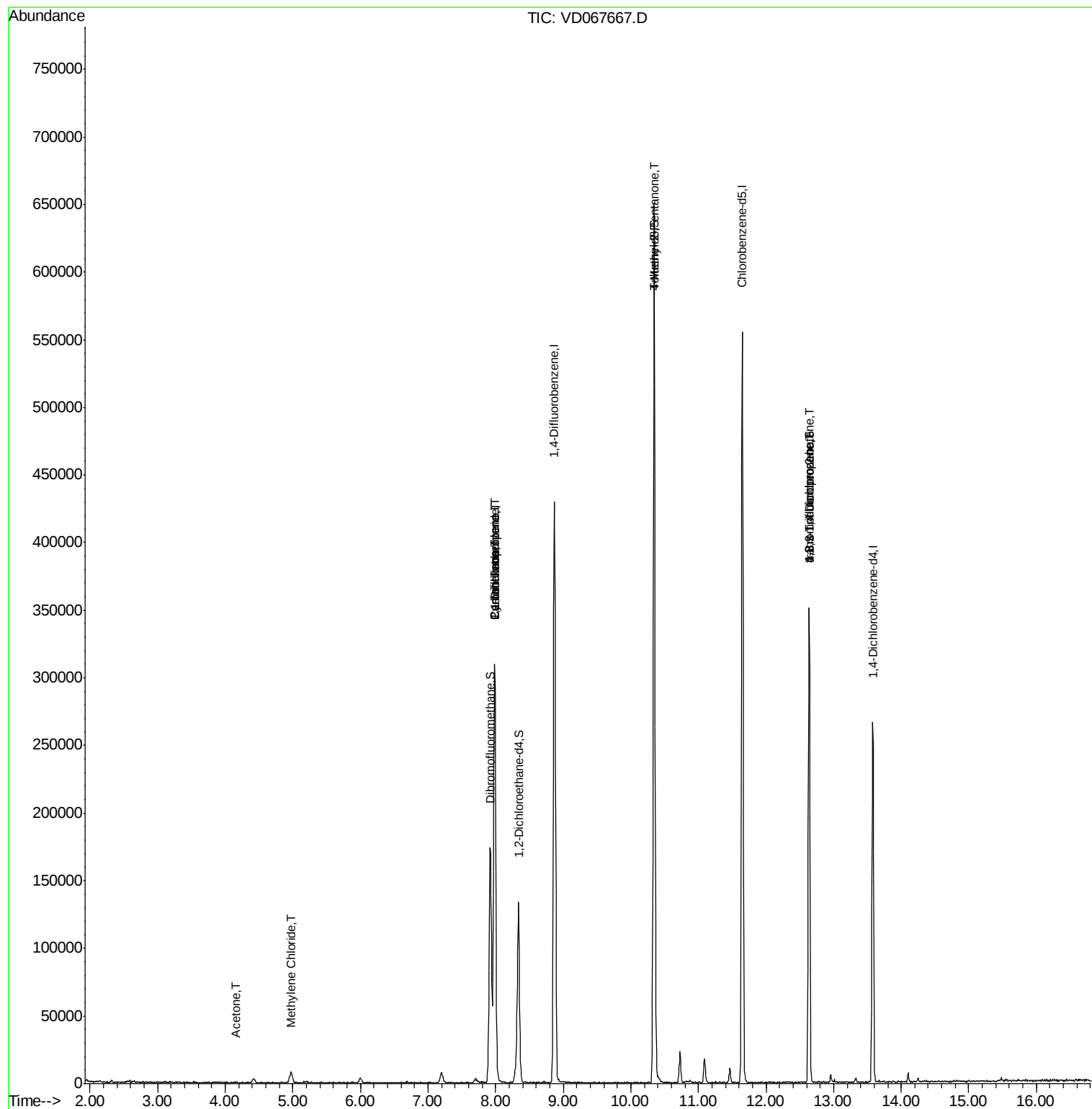
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	77	Below Cal	#	79
16) Acetone	4.16	43	408	1.285	ug/l #	43
20) Methylene Chloride	4.97	84	6870	3.063	ug/l #	65
31) Cyclohexane	7.99	56	5303	1.723	ug/l #	37
36) 1,1-Dichloropropene	7.98	75	16115	4.742	ug/l #	48
38) Carbon Tetrachloride	7.99	117	24523	5.554	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	1957	2.345	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	52080	116.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	52080	236.389	ug/l #	10

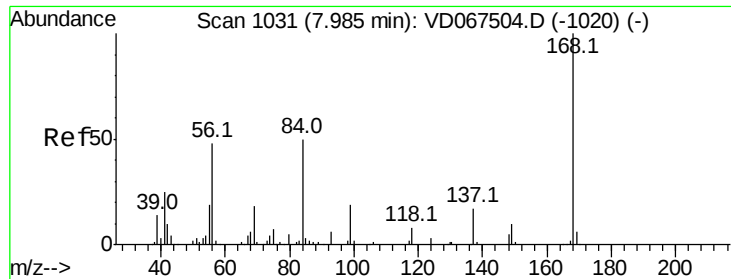
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067667.D
Acq On : 17 Nov 2020 17:20
Operator : VA/SY
Sample : L4770-02
Misc : 2.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
FJ-BH-01-0-1

Quant Time: Nov 17 23:59:34 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

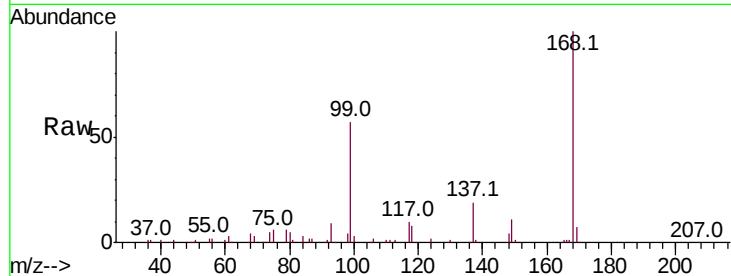




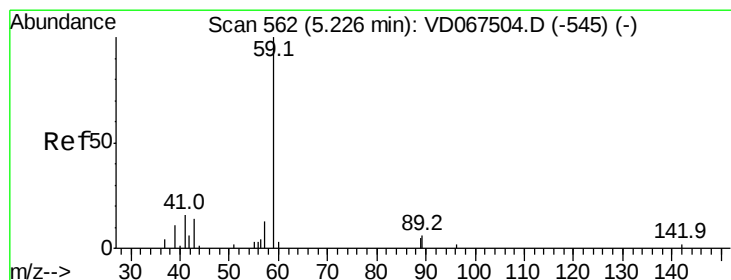
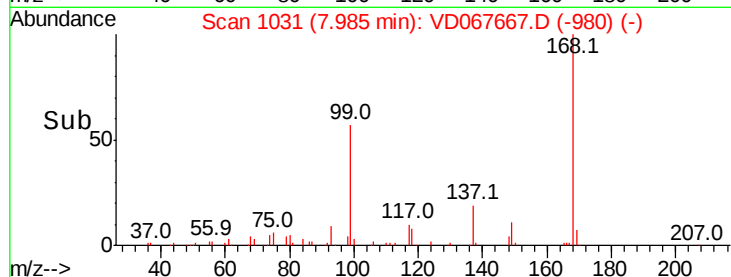
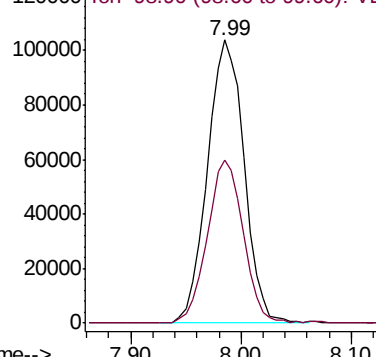
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-0-1

Tot Ion:168 Resp: 242633
Ion Ratio Lower Upper
168 100
99 57.4 45.0 67.6

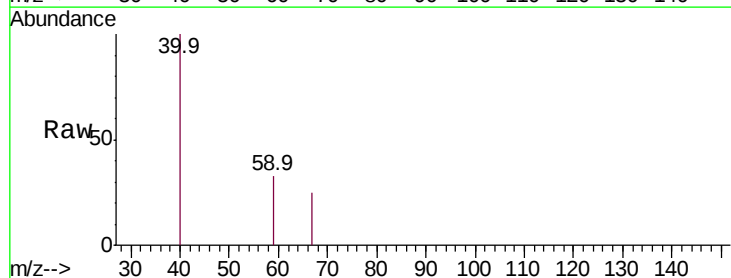


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

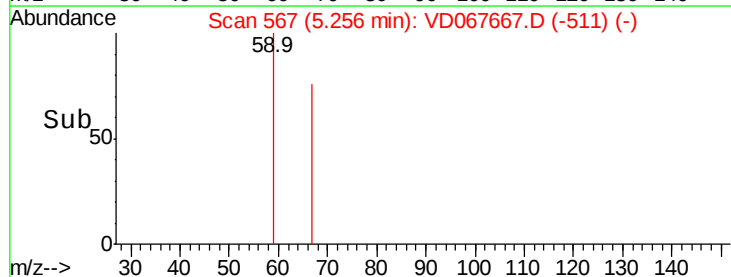
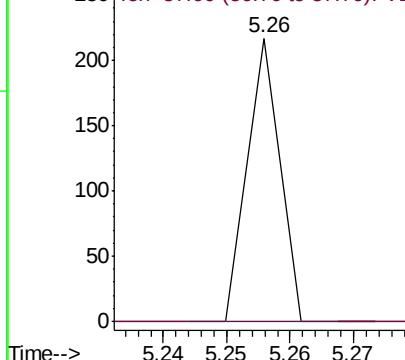


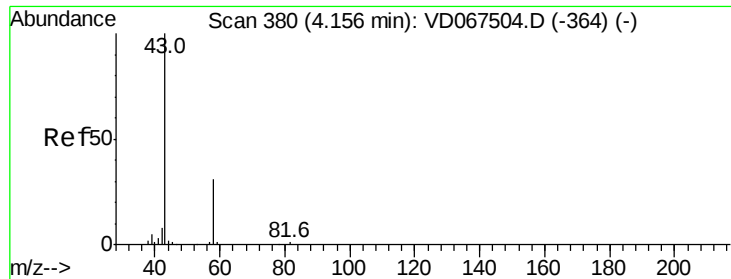
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.26 min Scan# 567
Delta R.T. 0.03 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC

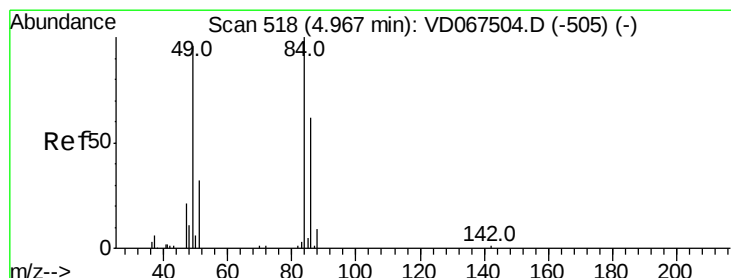
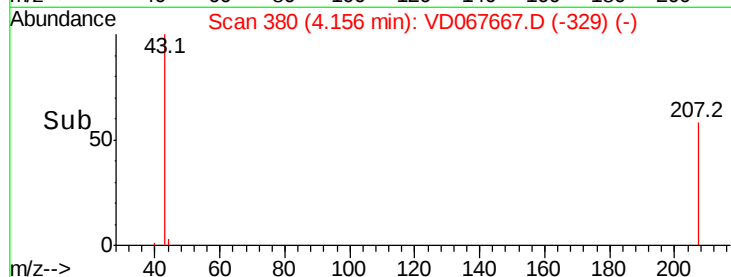
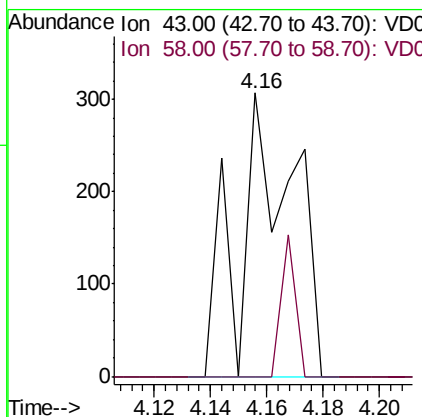
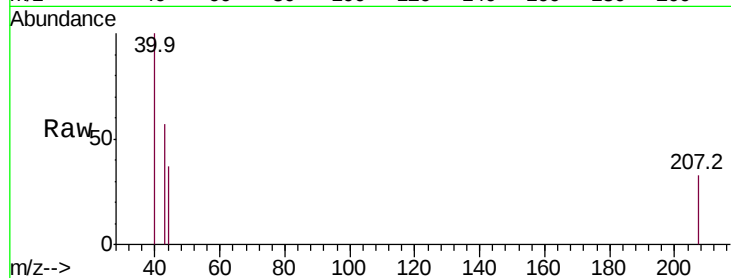




#16
Acetone
Concen: 1.285 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

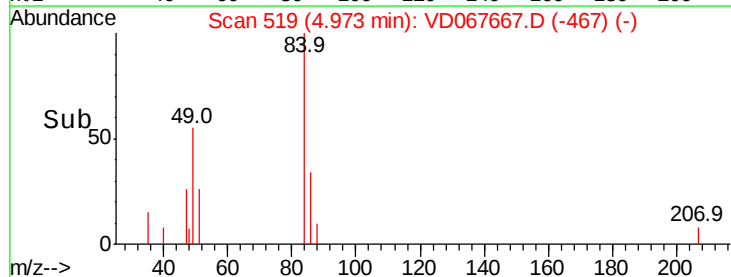
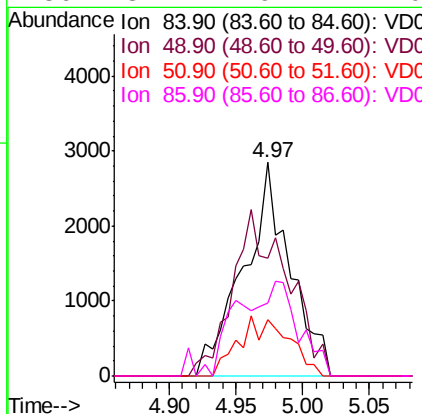
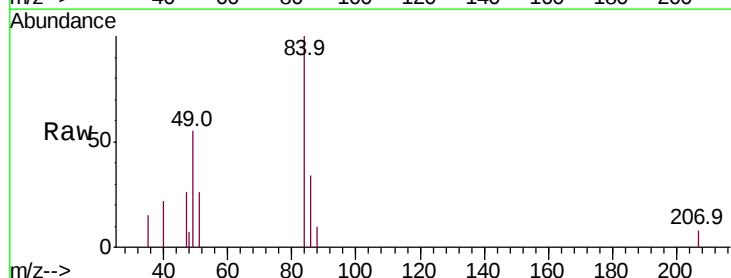
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-0-1

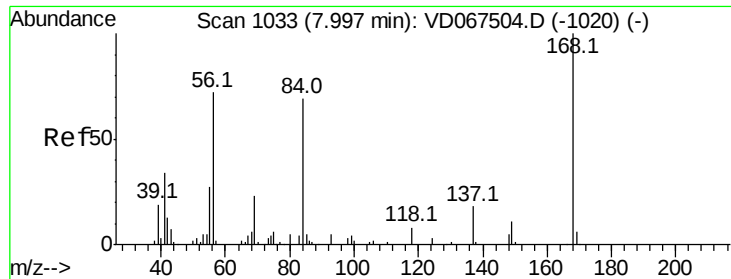
Tot Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 3.063 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Tgt Ion: 84 Resp: 6870
Ion Ratio Lower Upper
84 100
49 54.9 77.0 115.4#
51 26.4 25.4 38.2
86 34.2 49.4 74.0#

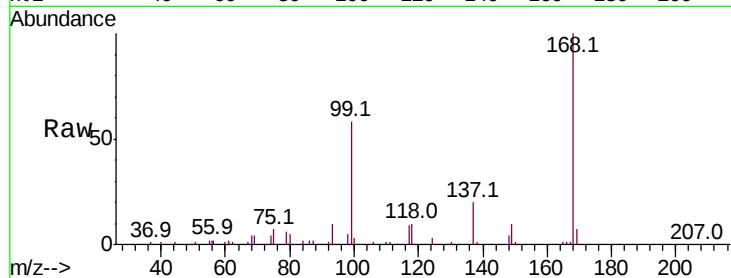




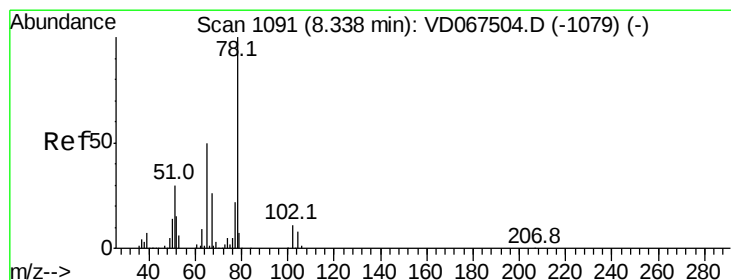
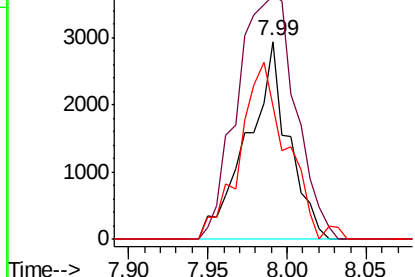
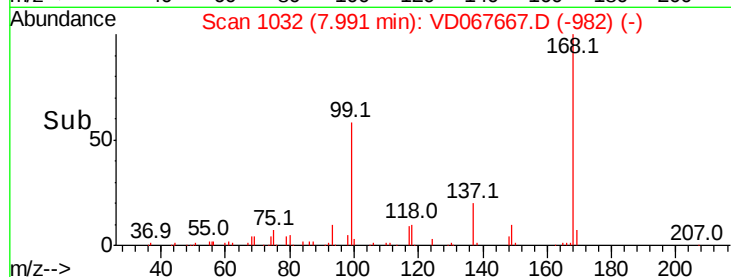
#31
Cyclohexane
Concen: 1.723 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-0-1

Tot Ion: 56 Resp: 5303
Ion Ratio Lower Upper
56 100
69 122.9 25.9 38.9#
84 67.2 76.2 114.4#

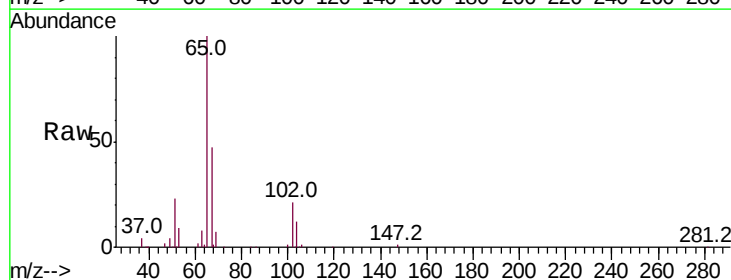


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

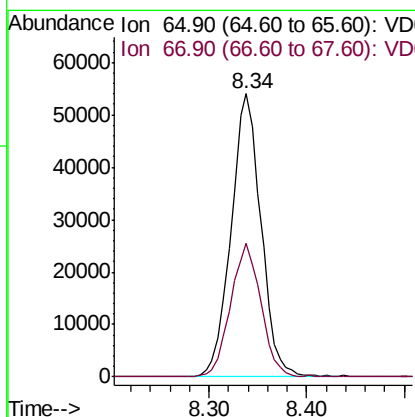
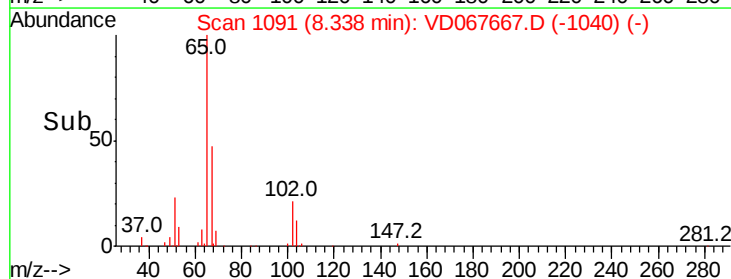


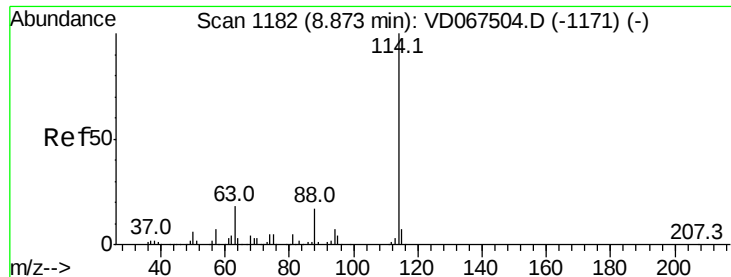
#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Tgt Ion: 65 Resp: 114781
Ion Ratio Lower Upper
65 100
67 47.6 0.0 99.4



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

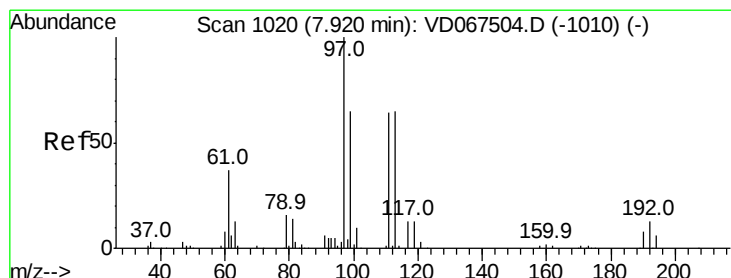
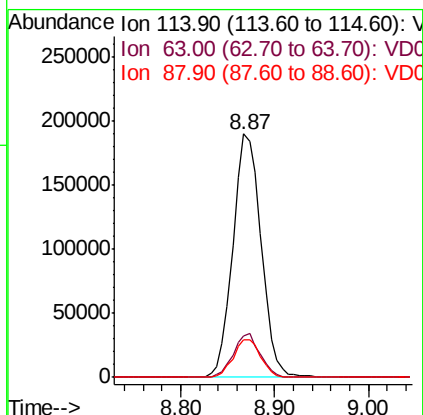
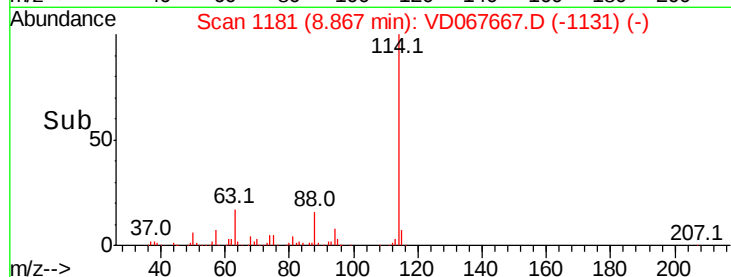
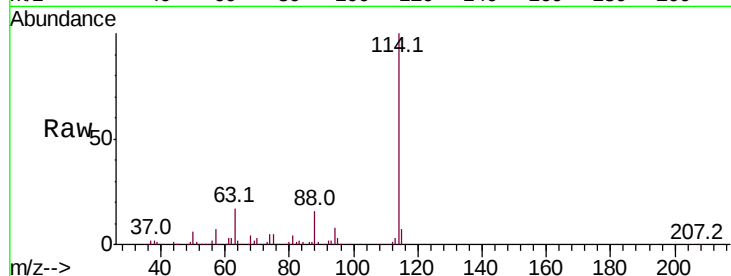




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

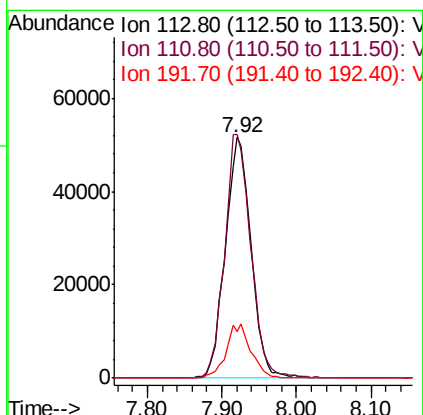
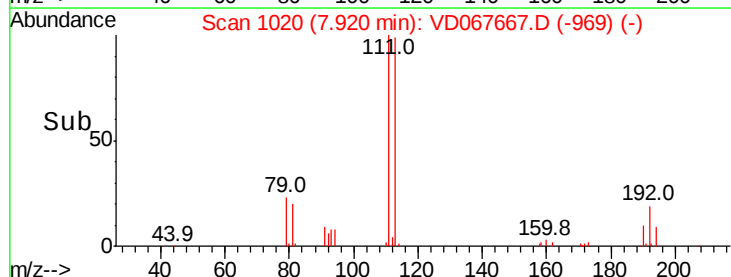
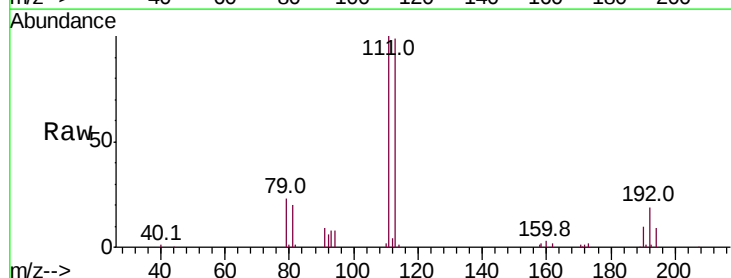
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-0-1

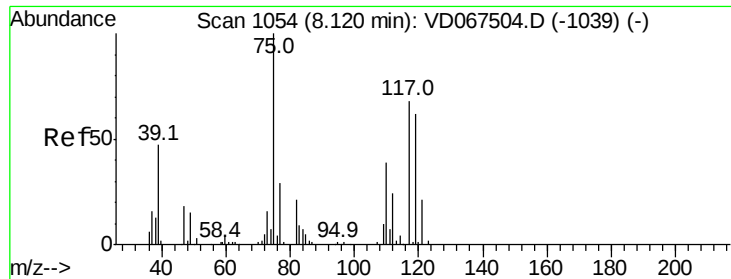
Tot Ion:114 Resp: 396994
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.822 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067667.D
Acq: 17 Nov 2020 17:20

Tgt Ion:113 Resp: 123953
Ion Ratio Lower Upper
113 100
111 102.9 80.0 120.0
192 21.3 16.3 24.5





#36

1,1-Dichloropropene

Concen: 4.742 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

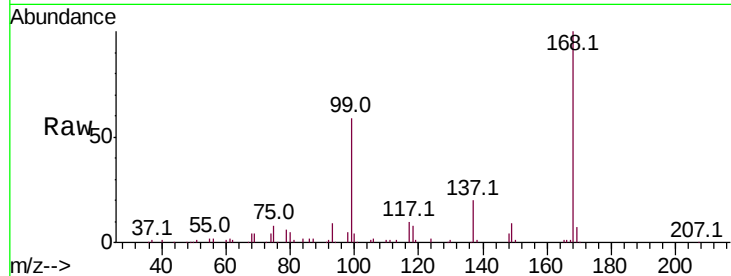
Tot Ion: 75 Resp: 16115

Ion Ratio Lower Upper

75 100

110 10.0 19.9 59.7#

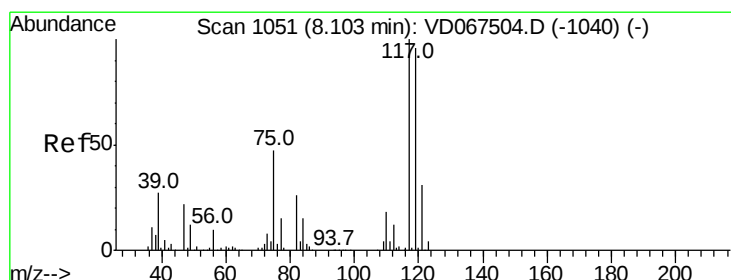
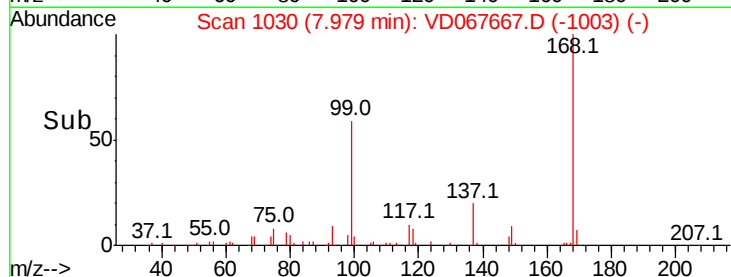
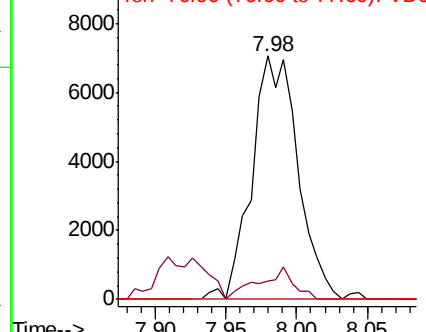
77 0.0 24.8 37.2#



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: 5.554 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

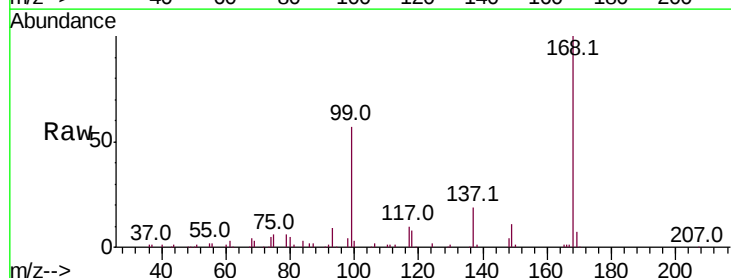
Tgt Ion: 117 Resp: 24523

Ion Ratio Lower Upper

117 100

119 4.5 76.9 115.3#

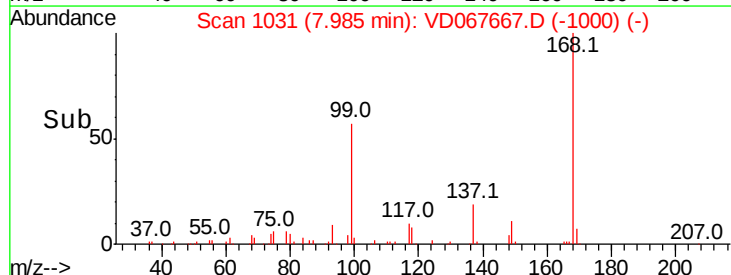
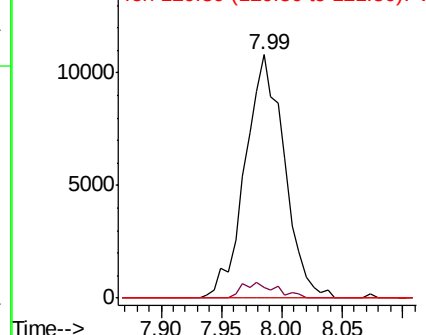
121 0.0 24.5 36.7#

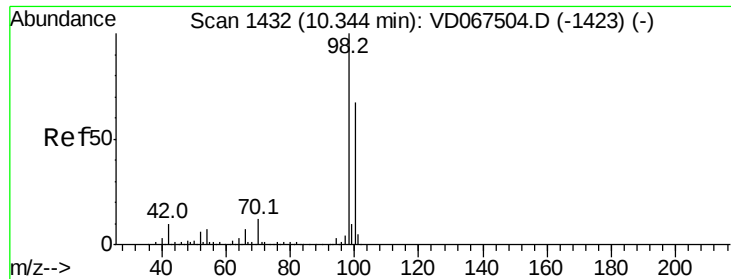


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.641 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

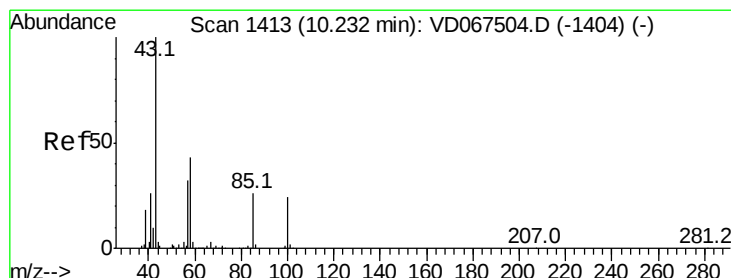
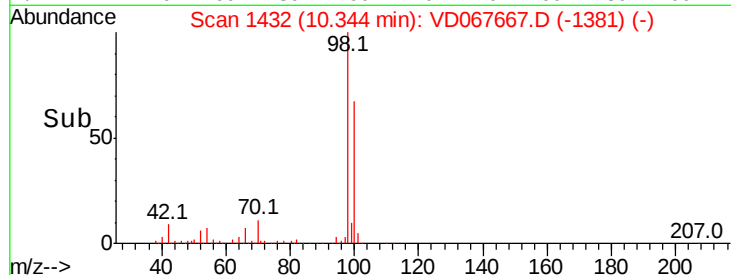
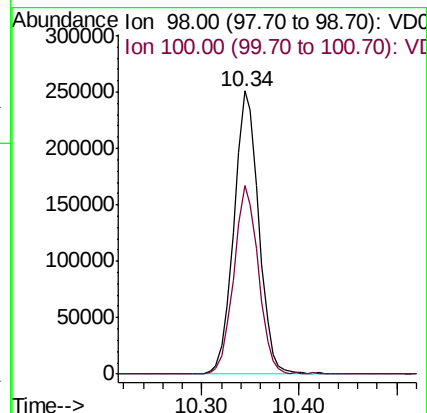
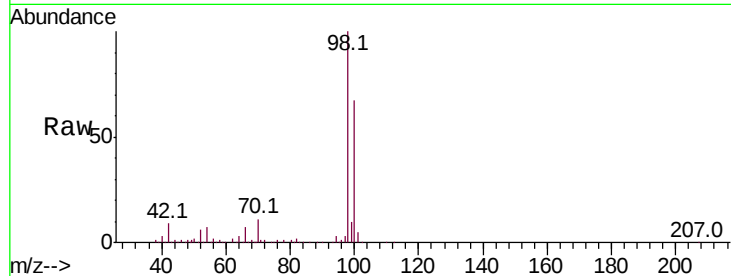
FJ-BH-01-0-1

Tot Ion: 98 Resp: 442477

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 2.345 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067667.D

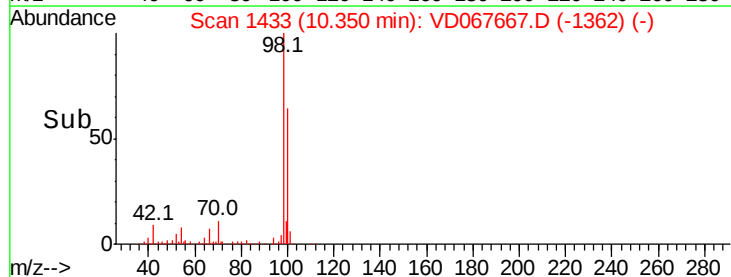
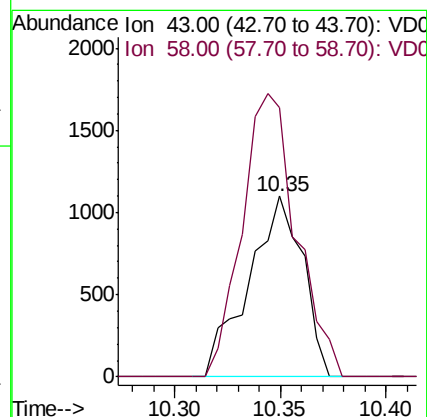
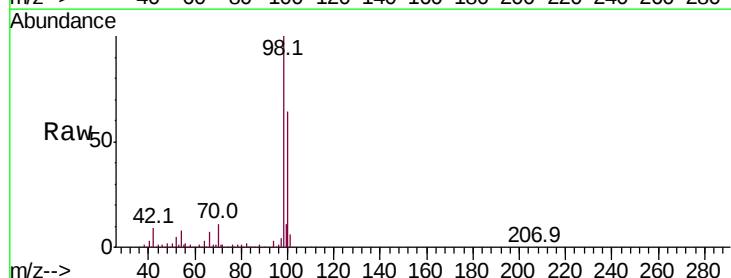
Acq: 17 Nov 2020 17:20

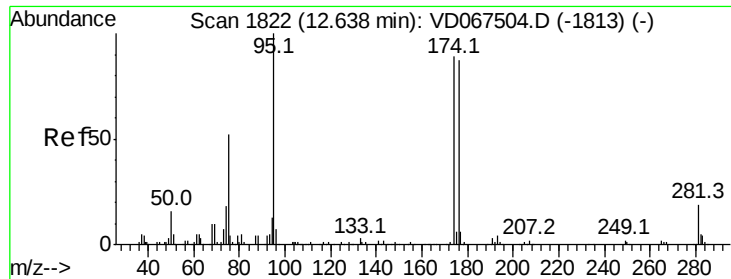
Tgt Ion: 43 Resp: 1957

Ion Ratio Lower Upper

43 100

58 157.4 35.6 53.4#





#62

4-Bromofluorobenzene

Concen: 35.500 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

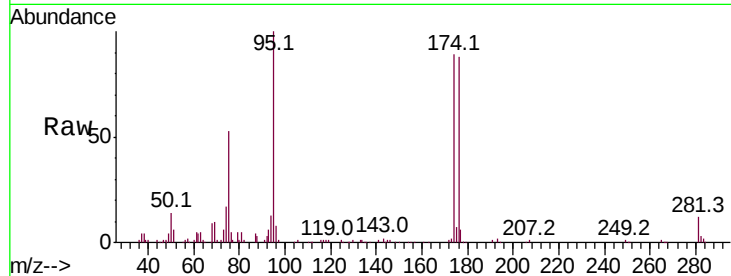
Tot Ion: 95 Resp: 103020

Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.8

176 89.5 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

12.64

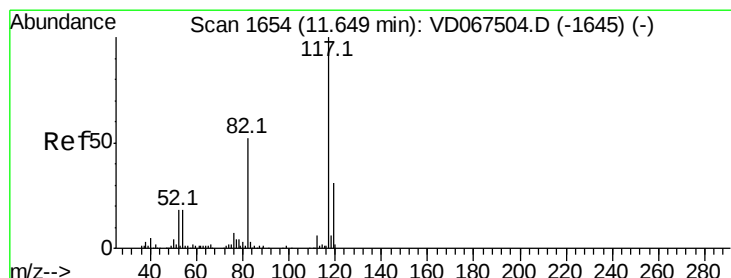
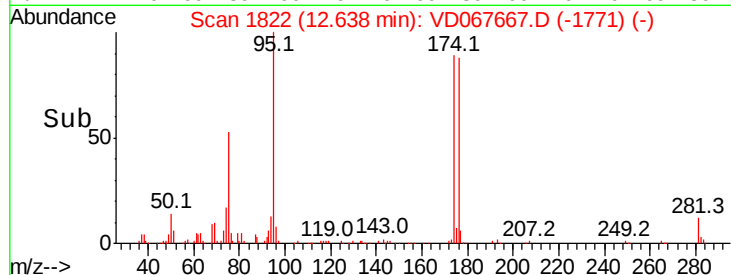
60000

40000

20000

0

Time--> 12.55 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: VD067667.D

Acq: 17 Nov 2020 17:20

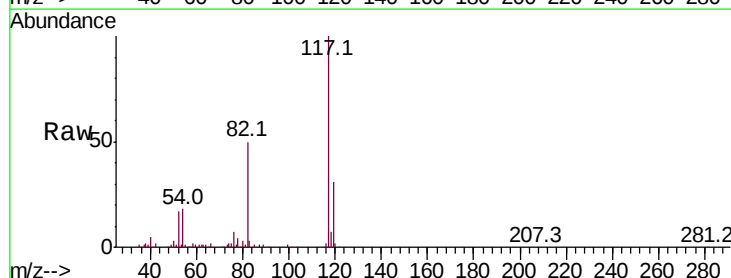
Tgt Ion: 117 Resp: 329133

Ion Ratio Lower Upper

117 100

82 49.7 41.6 62.4

119 30.5 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

250000

200000

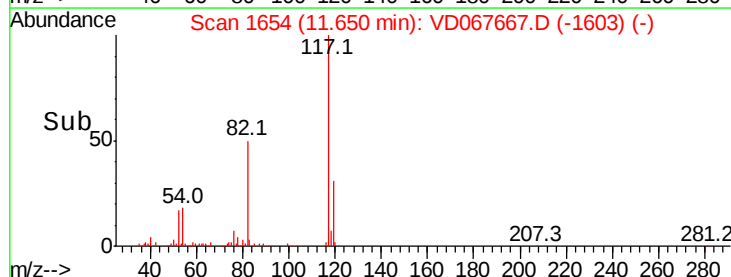
150000

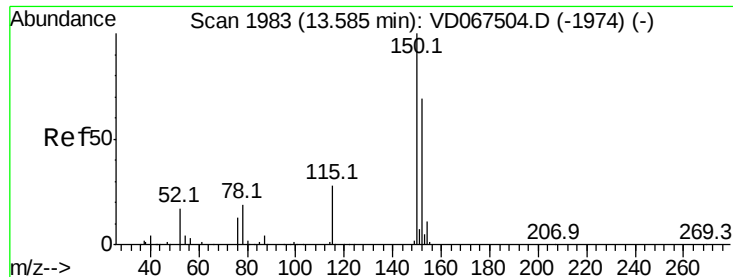
100000

50000

0

Time--> 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

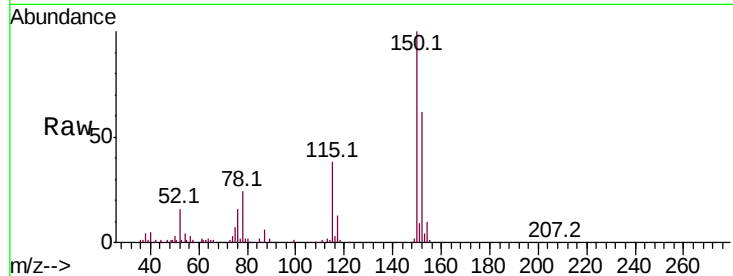
Tot Ion:152 Resp: 74147

Ion Ratio Lower Upper

152 100

115 59.8 29.3 88.0

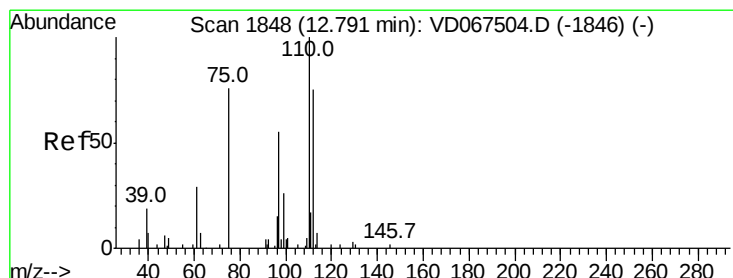
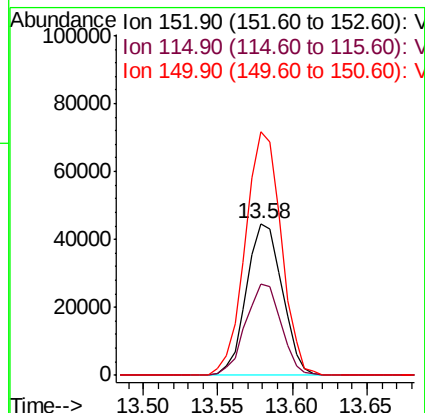
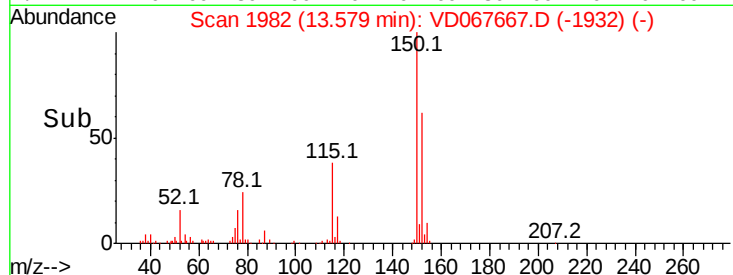
150 160.9 0.0 338.2



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: 116.433 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067667.D

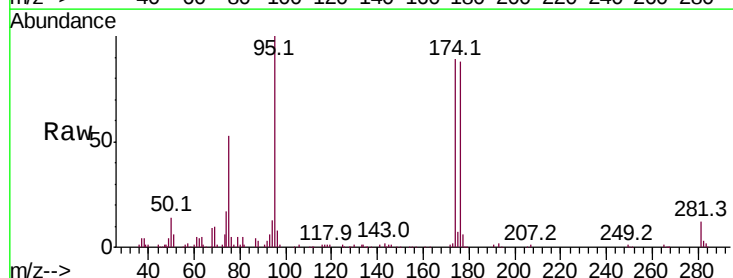
Acq: 17 Nov 2020 17:20

Tgt Ion: 75 Resp: 52080

Ion Ratio Lower Upper

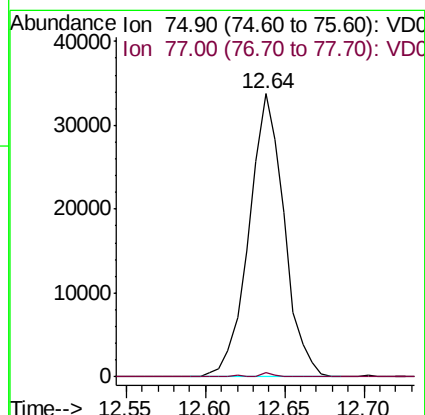
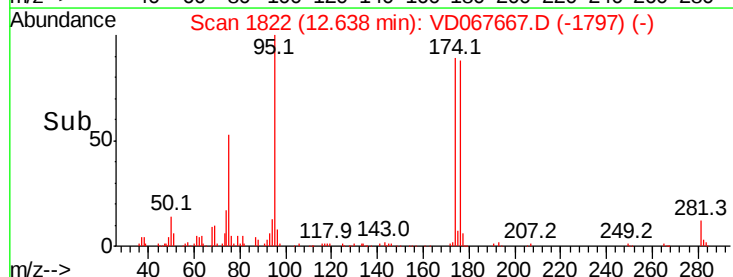
75 100

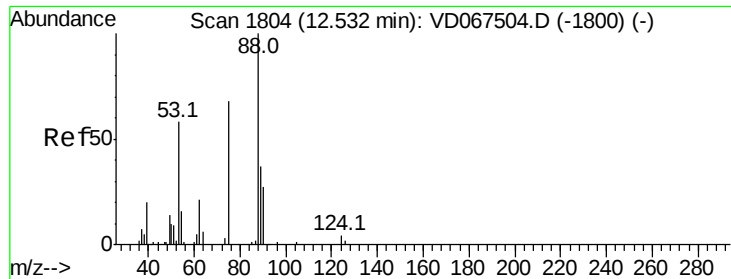
77 0.6 0.0 0.0#



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: 236.389 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067667.D

Acq: 17 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

Tot Ion: 75 Resp: 52080

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

