

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067679.D
 Acq On : 18 Nov 2020 12:14
 Operator : VA/SY
 Sample : L4770-12
 Misc : 4.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-4-5

Quant Time: Nov 19 00:26:26 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	281163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	449952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	470992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243943	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	125253	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	7.92	113	136669	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
50) Toluene-d8	10.34	98	526380	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.64	95	205944	62.61	ug/l	0.00
Spiked Amount			Recovery	=	125.22%	

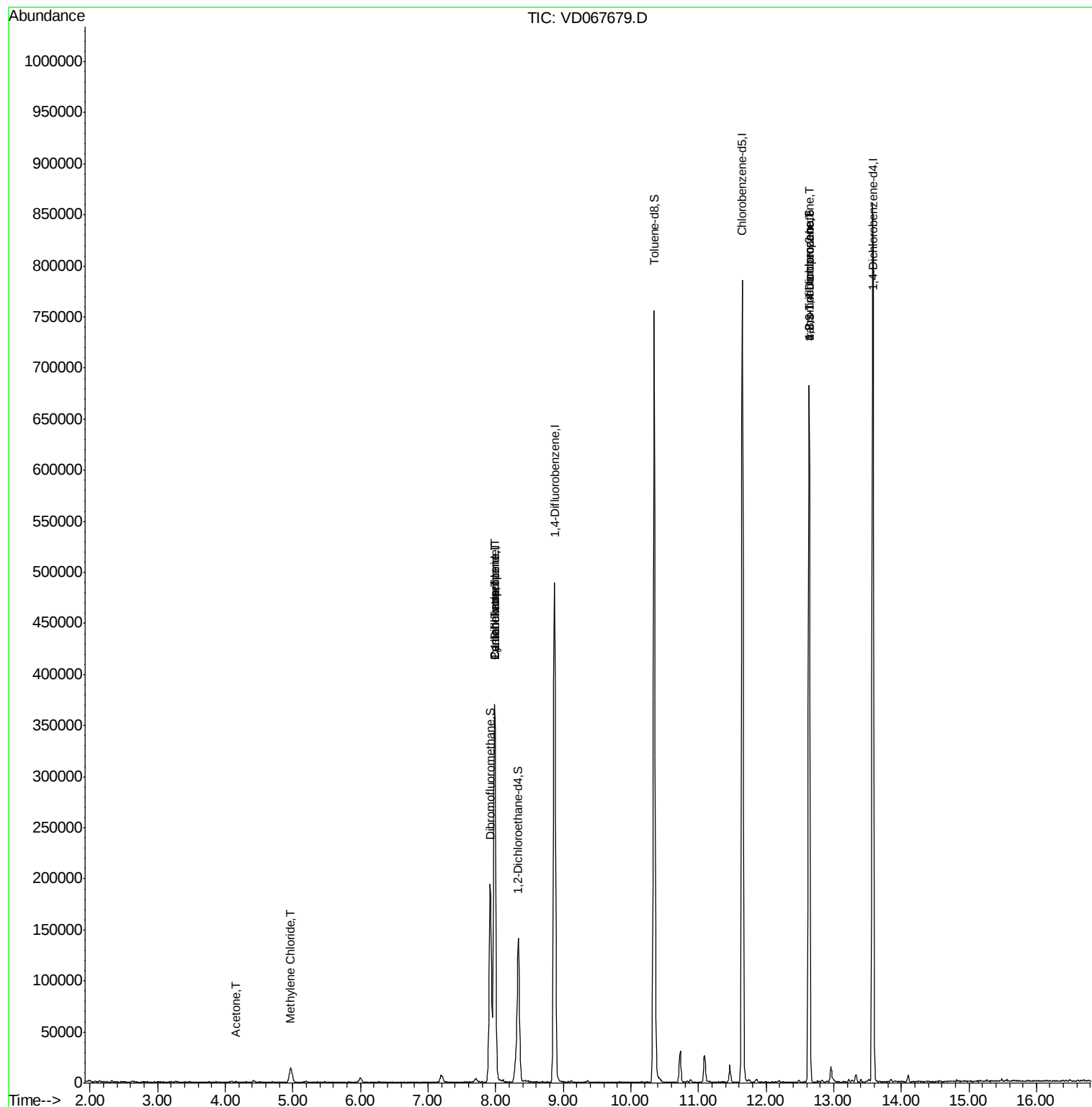
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	779	Below Cal	#	8
11) Tert butyl alcohol	5.20	59	251	Below Cal	#	79
16) Acetone	4.16	43	929	2.525	ug/l #	43
20) Methylene Chloride	4.97	84	12325	4.743	ug/l	92
31) Cyclohexane	7.98	56	6229	1.747	ug/l #	42
36) 1,1-Dichloropropene	7.99	75	19469	5.055	ug/l #	49
38) Carbon Tetrachloride	7.98	117	29241	5.843	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	109827	74.631	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	109827	151.520	ug/l #	10

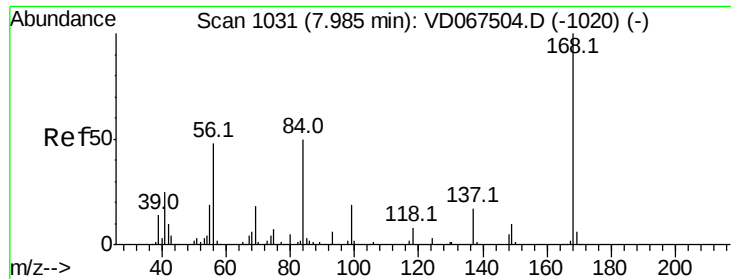
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
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FJ-BH-02-4-5

Quant Time: Nov 19 00:26:26 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: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

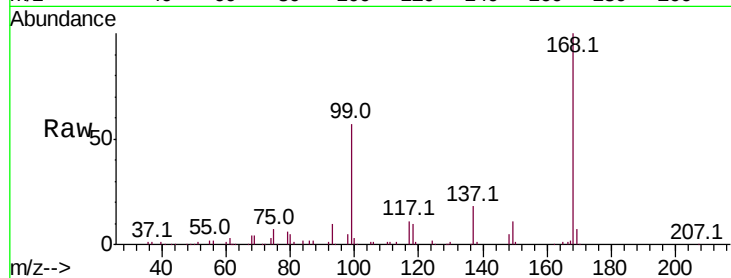
FJ-BH-02-4-5

Tot Ion:168 Resp: 281163

Ion Ratio Lower Upper

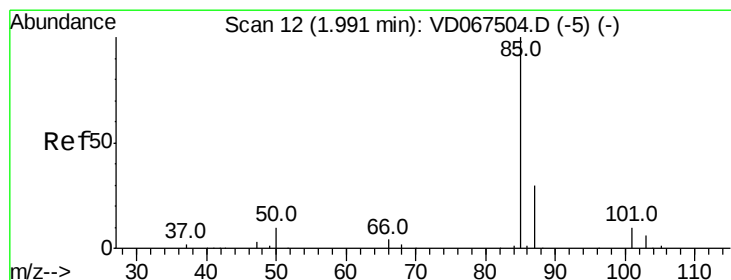
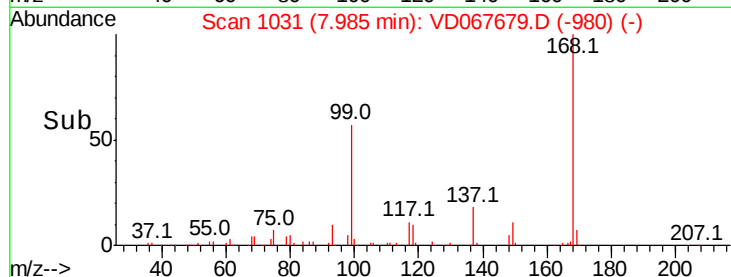
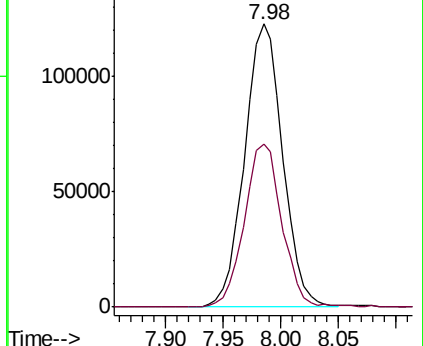
168 100

99 57.3 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: VD067679.D

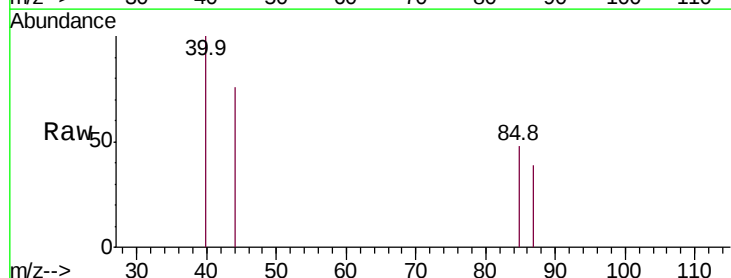
Acq: 18 Nov 2020 12:14

Tgt Ion: 85 Resp: 779

Ion Ratio Lower Upper

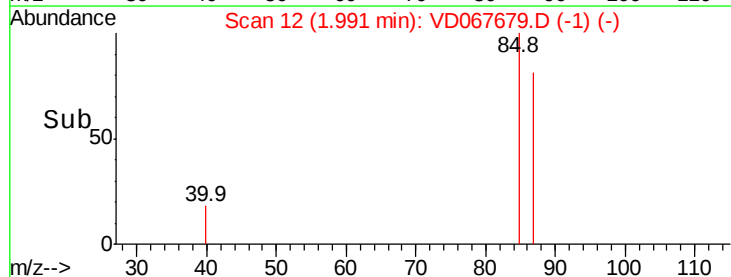
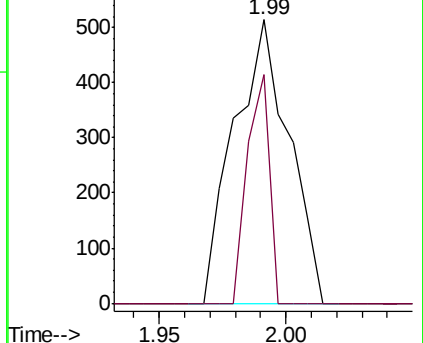
85 100

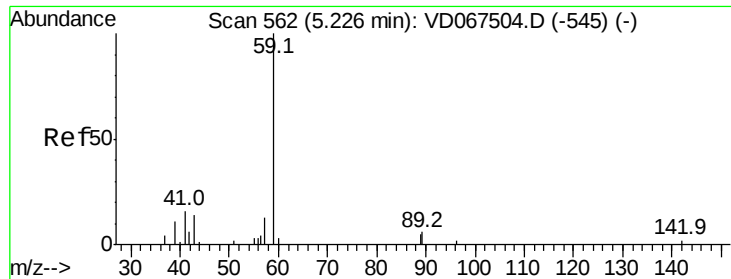
87 80.5 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



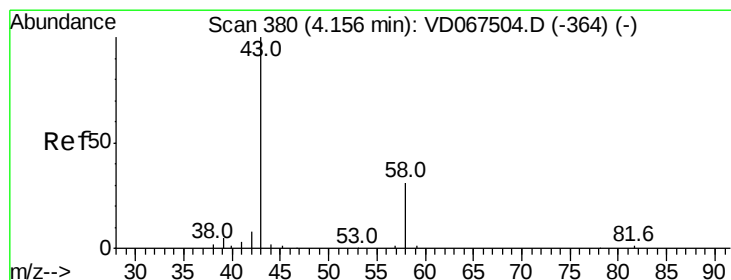
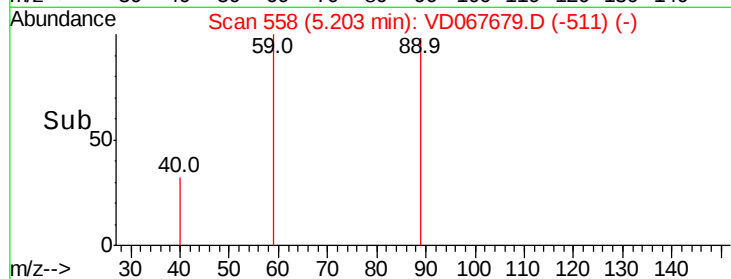
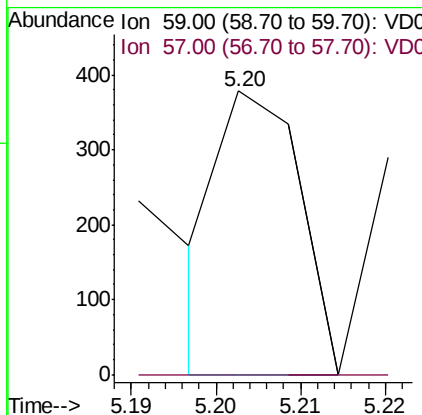
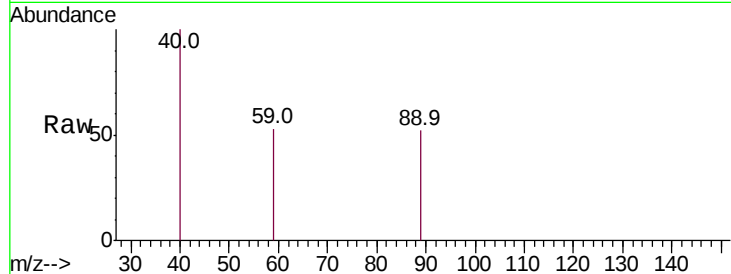


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067679.D
 Acq: 18 Nov 2020 12:14

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-4-5

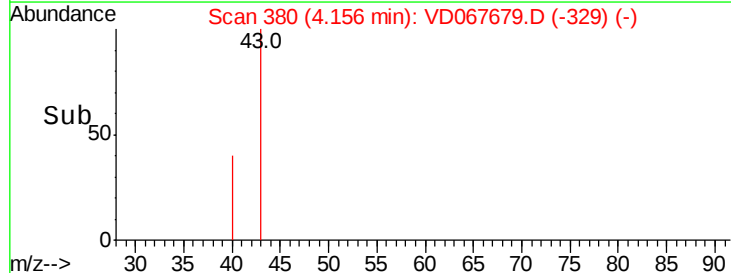
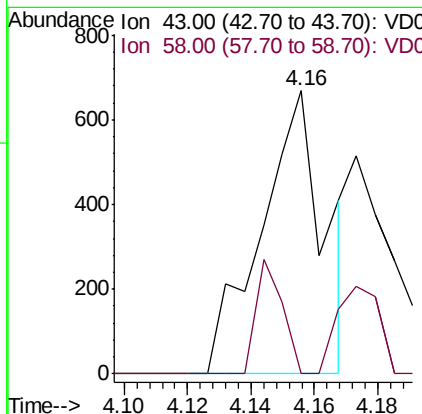
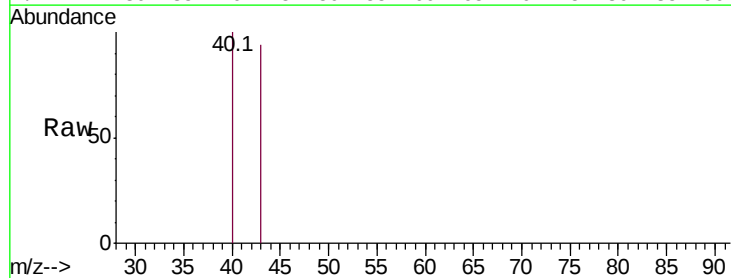
Tot Ion: 59 Resp: 251
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

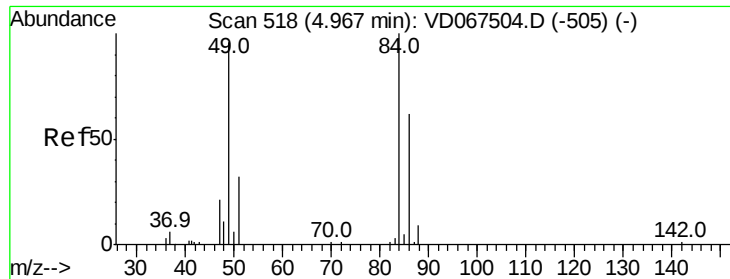


#16

Acetone
 Concen: 2.525 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD067679.D
 Acq: 18 Nov 2020 12:14

Tgt Ion: 43 Resp: 929
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

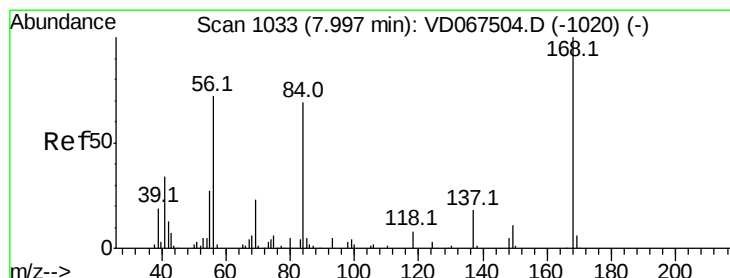
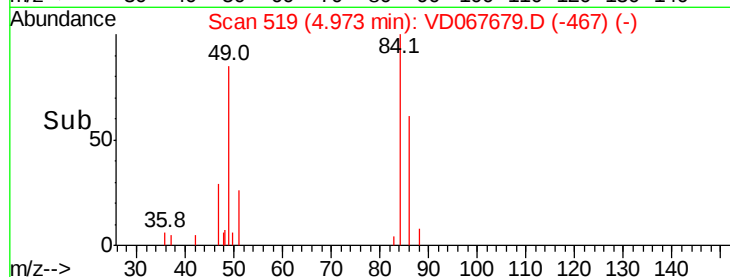
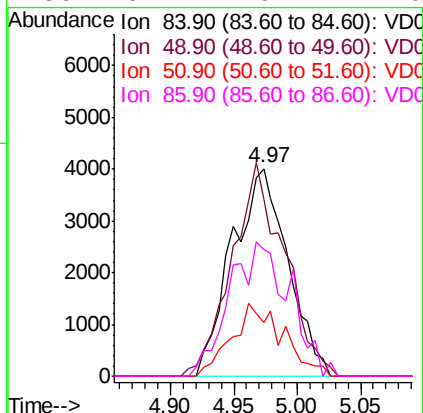
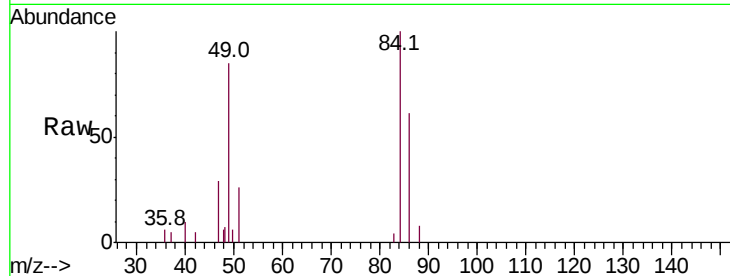




#20
Methvlene Chloride
Concen: 4.743 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

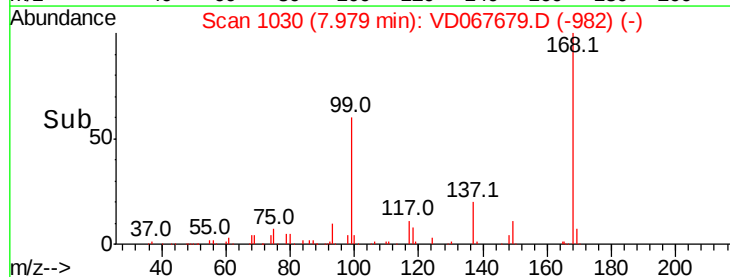
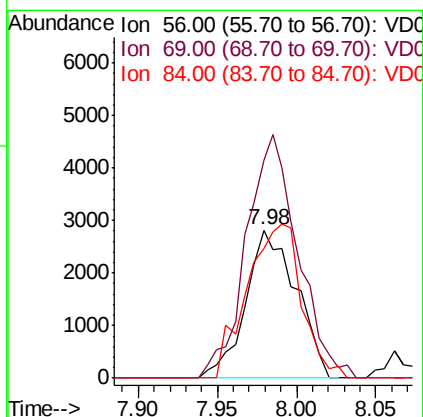
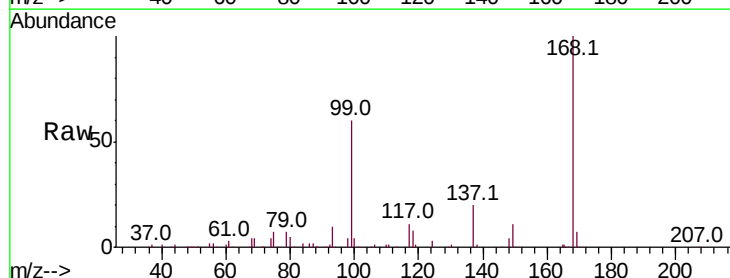
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-4-5

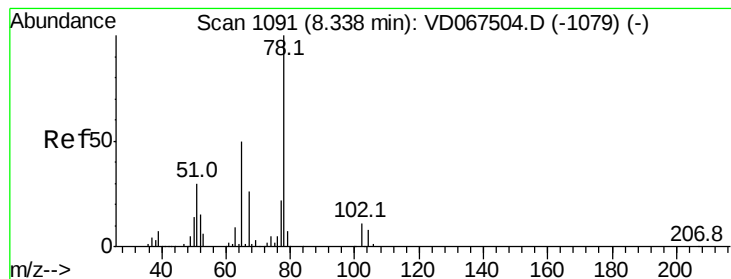
Tot Ion:	84	Resp:	12325
Ion	Ratio	Lower	Upper
84	100		
49	84.7	77.0	115.4
51	26.0	25.4	38.2
86	61.1	49.4	74.0



#31
Cyclohexane
Concen: 1.747 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

Tgt Ion:	56	Resp:	6229
Ion	Ratio	Lower	Upper
56	100		
69	147.0	25.9	38.9#
84	87.8	76.2	114.4





#33

1,2-Dichloroethane-d4

Concen: 50.948 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

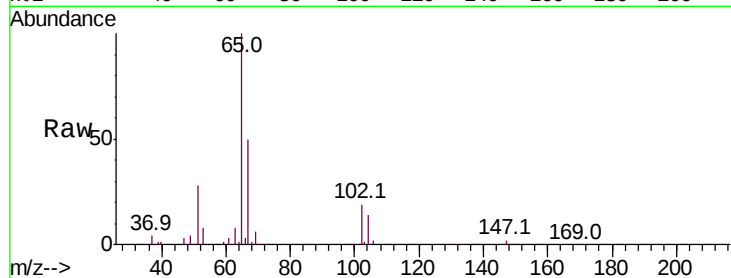
FJ-BH-02-4-5

Tot Ion: 65 Resp: 125253

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

30000

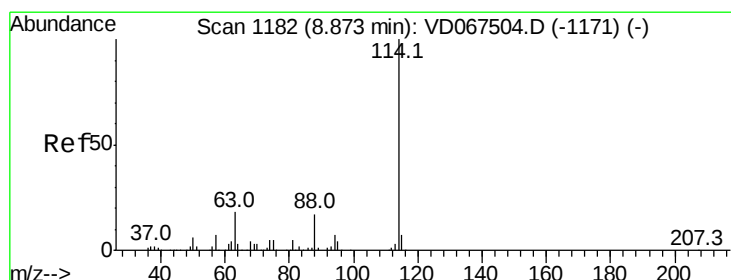
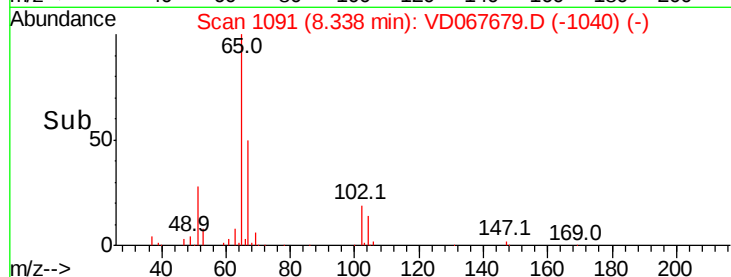
20000

10000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

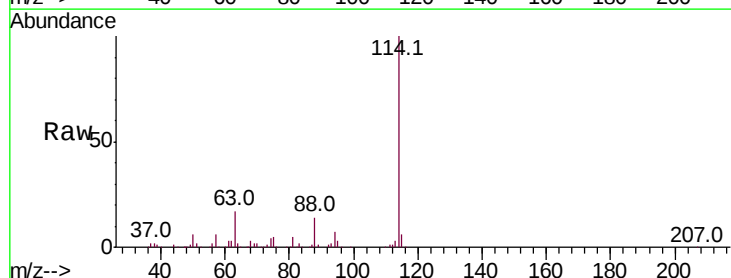
Tgt Ion:114 Resp: 449952

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

250000

200000

150000

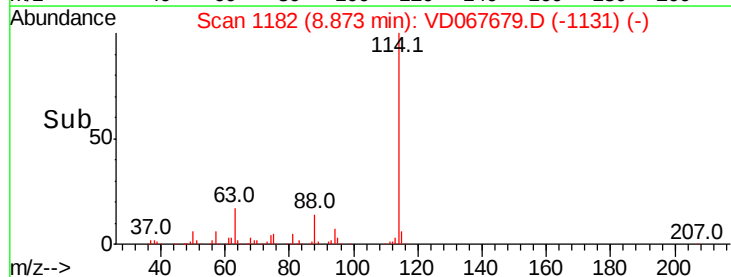
100000

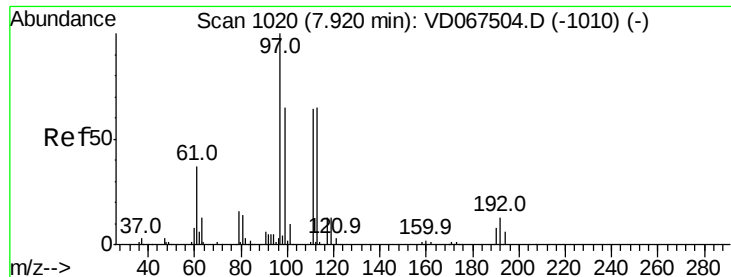
50000

0

8.80 8.90 9.00

Time-->

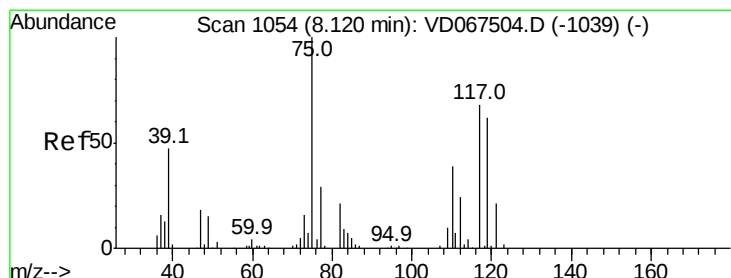
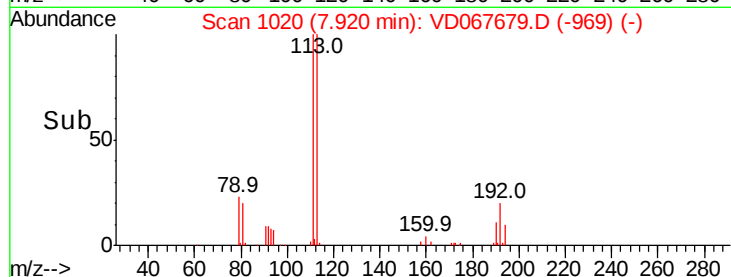
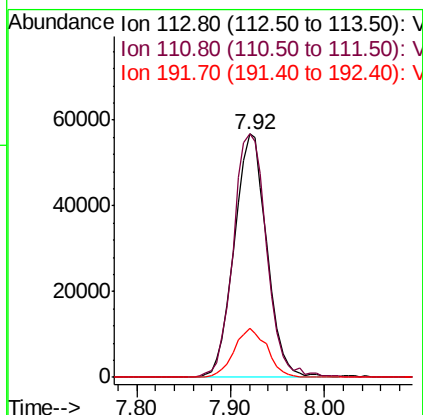
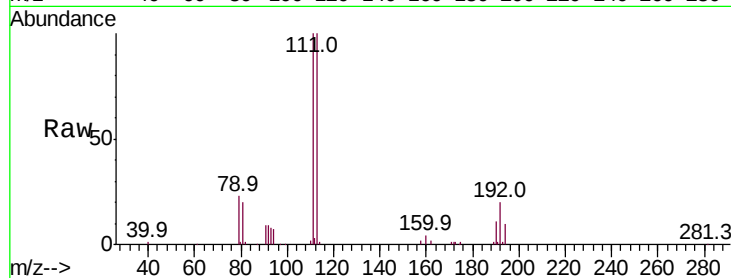




#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

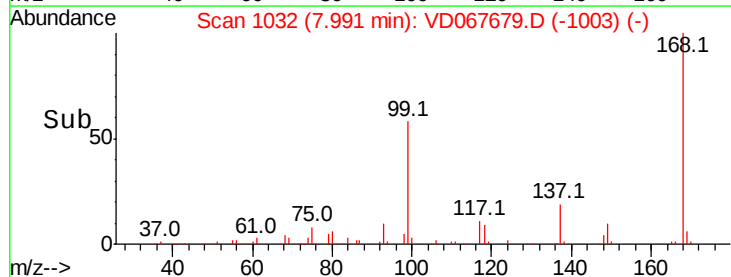
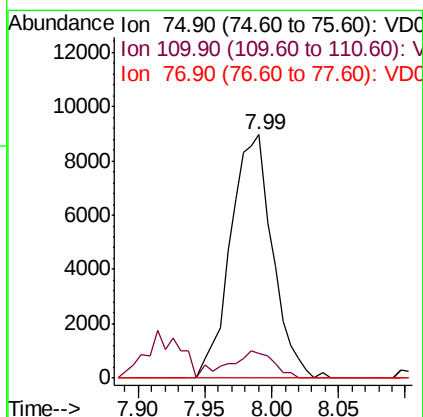
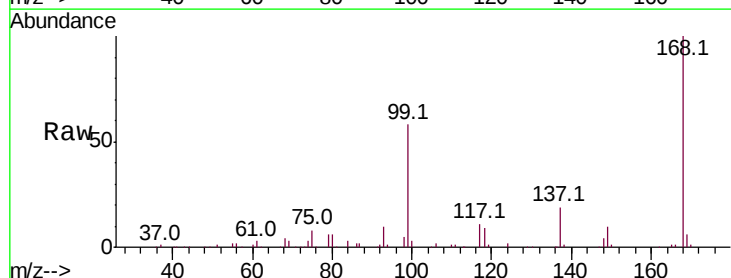
Instrument :
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FJ-BH-02-4-5

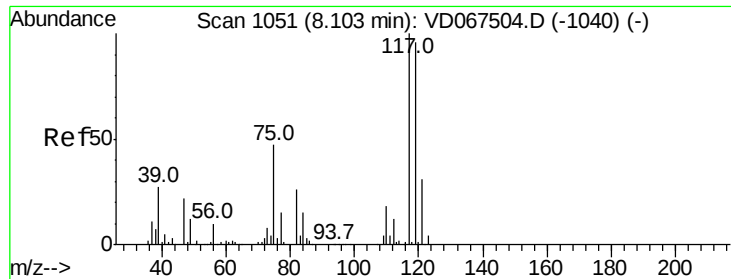
Tot Ion:113 Resp: 136669
Ion Ratio Lower Upper
113 100
111 102.7 80.0 120.0
192 20.3 16.3 24.5



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.13 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

Tgt Ion: 75 Resp: 19469
Ion Ratio Lower Upper
75 100
110 10.7 19.9 59.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.843 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-4-5

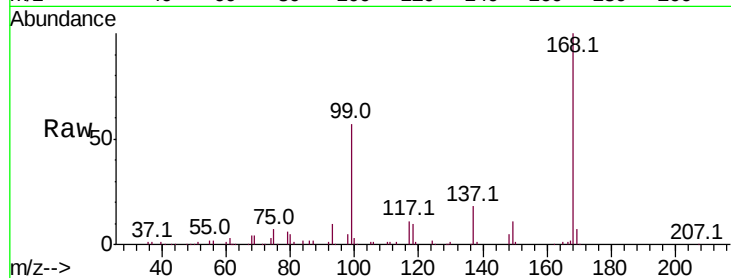
Tot Ion:117 Resp: 29241

Ion Ratio Lower Upper

117 100

119 7.0 76.9 115.3#

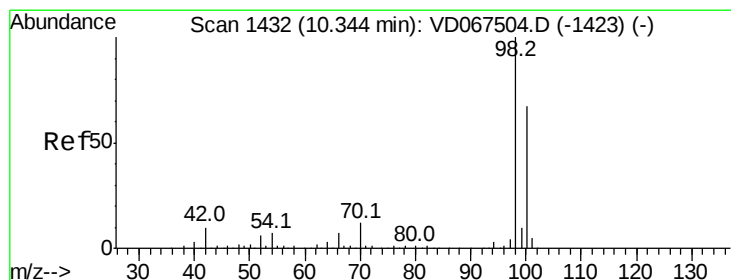
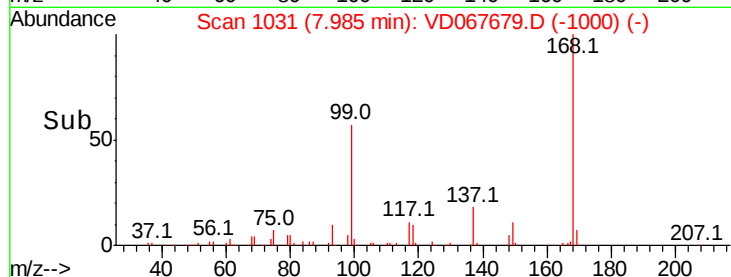
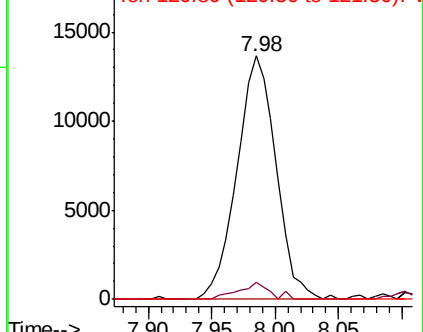
121 0.0 24.5 36.7#



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: 55.252 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067679.D

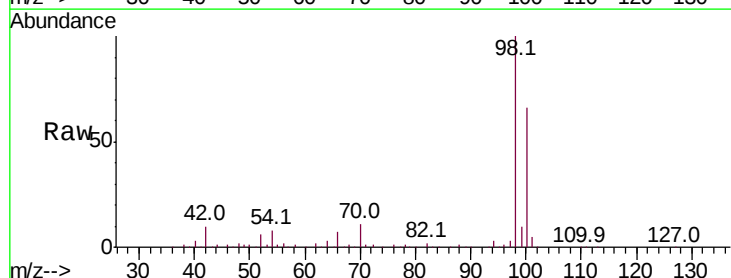
Acq: 18 Nov 2020 12:14

Tgt Ion: 98 Resp: 526380

Ion Ratio Lower Upper

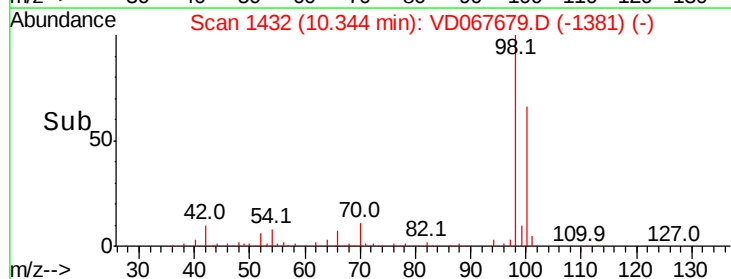
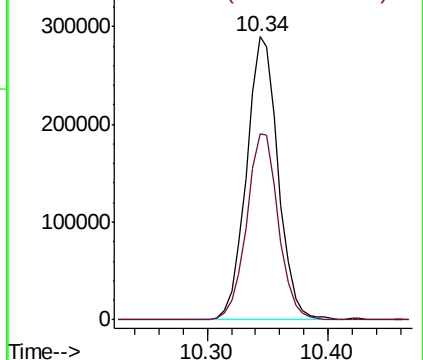
98 100

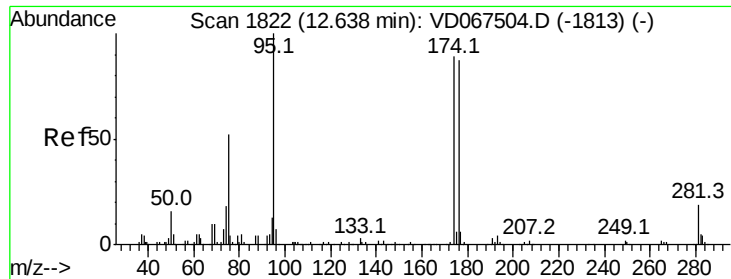
100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

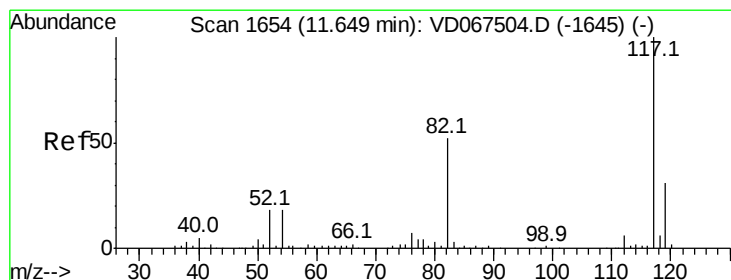
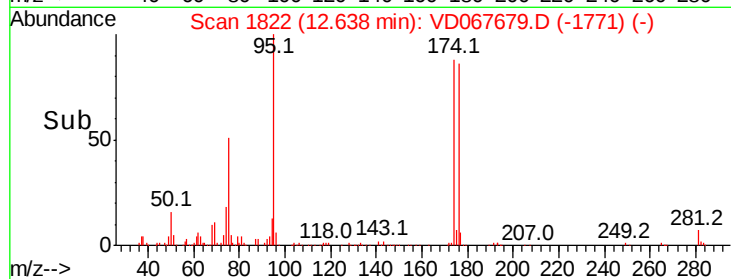
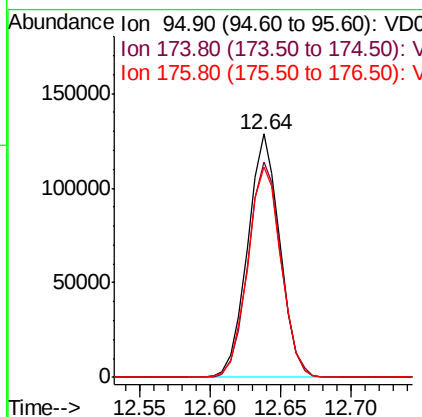
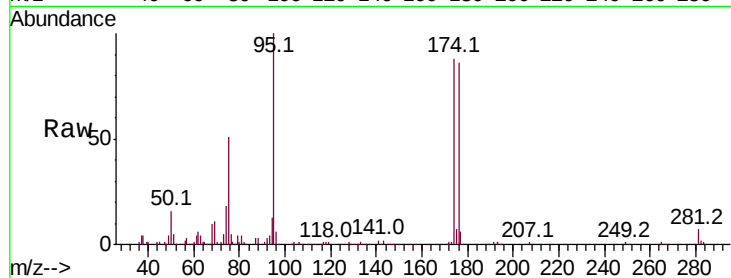




#62
4-Bromofluorobenzene
Concen: 62.614 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

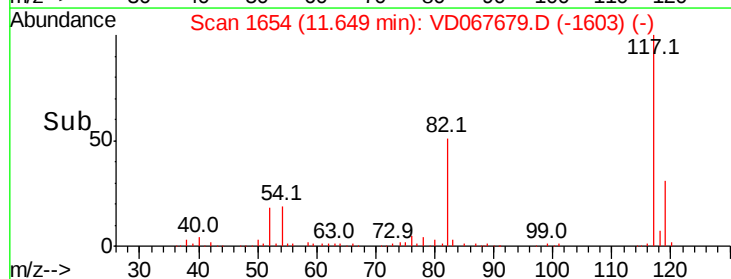
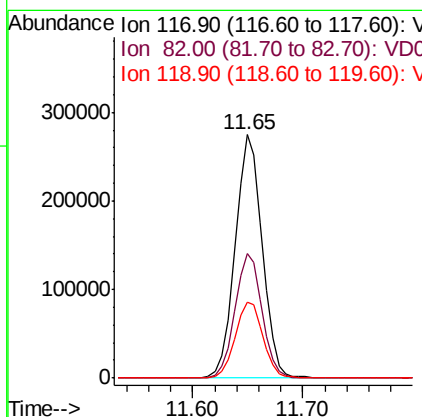
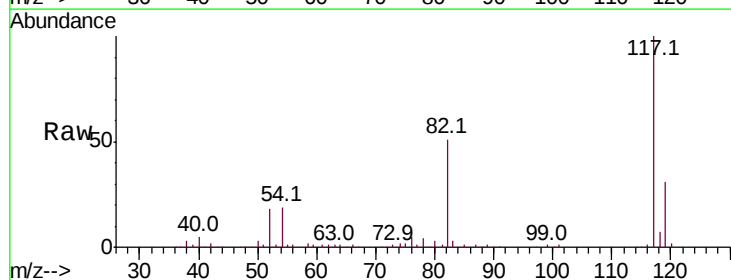
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-4-5

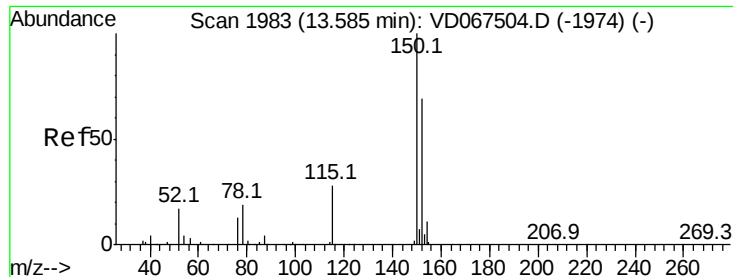
Tot Ion: 95 Resp: 205944
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.8
176 89.2 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067679.D
Acq: 18 Nov 2020 12:14

Tgt Ion: 117 Resp: 470992
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 31.4 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: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-4-5

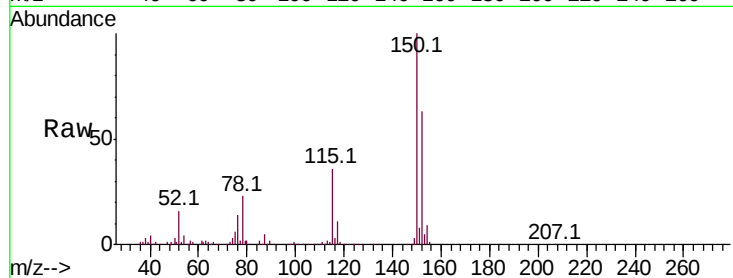
Tot Ion:152 Resp: 243943

Ion Ratio Lower Upper

152 100

115 57.2 29.3 88.0

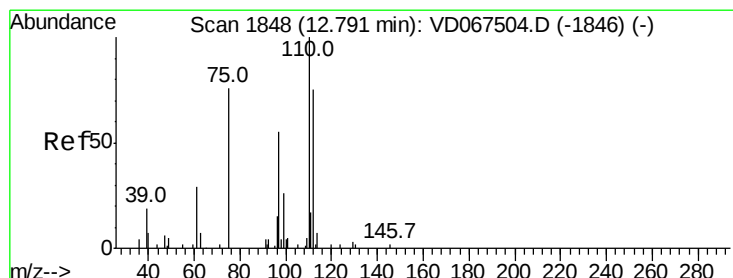
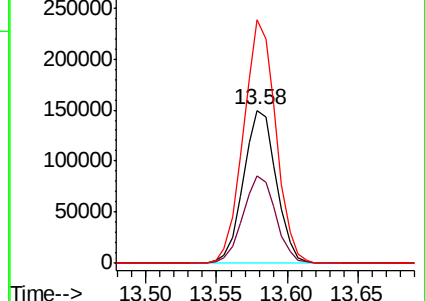
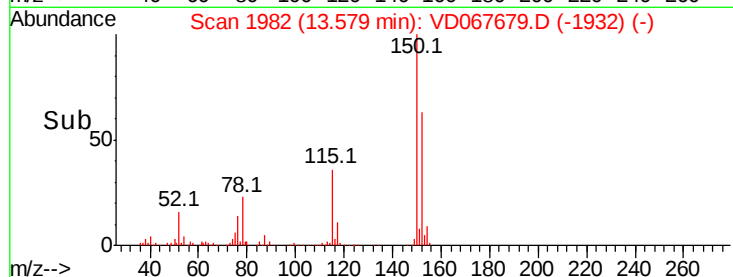
150 156.6 0.0 338.2



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: 74.631 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067679.D

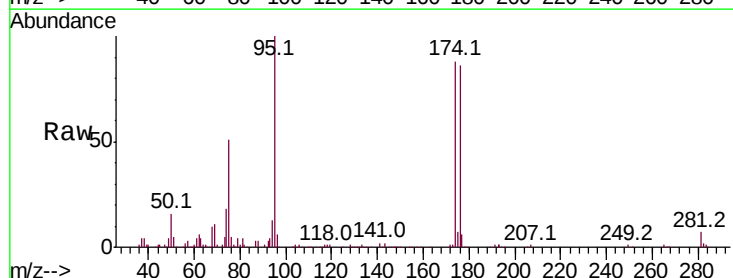
Acq: 18 Nov 2020 12:14

Tgt Ion: 75 Resp: 109827

Ion Ratio Lower Upper

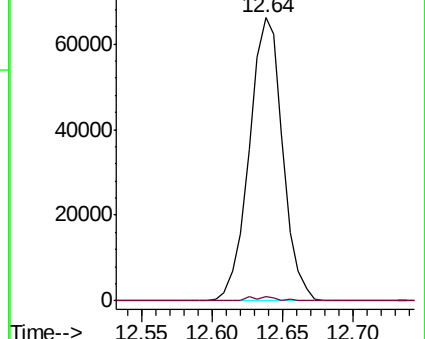
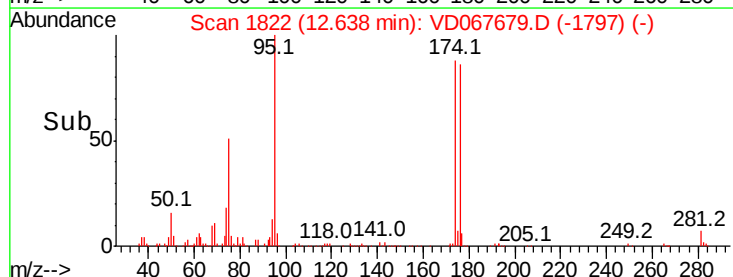
75 100

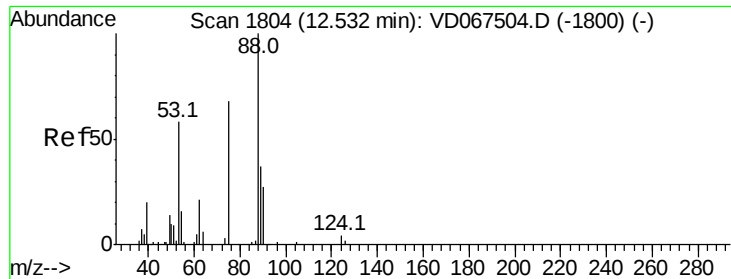
77 1.2 0.0 0.0#



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: 151.520 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067679.D

Acq: 18 Nov 2020 12:14

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-4-5

Tot Ion: 75 Resp: 109827

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#

