

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067689.D
 Acq On : 18 Nov 2020 16:46
 Operator : VA/SY
 Sample : L4770-02RE
 Misc : 3.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 19 00:28:04 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	263257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	390020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119777	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	118112	51.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.62%	
35) Dibromofluoromethane	7.92	113	126578	50.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.82%	
50) Toluene-d8	10.34	98	479203	54.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.64	95	143957	47.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.50%	

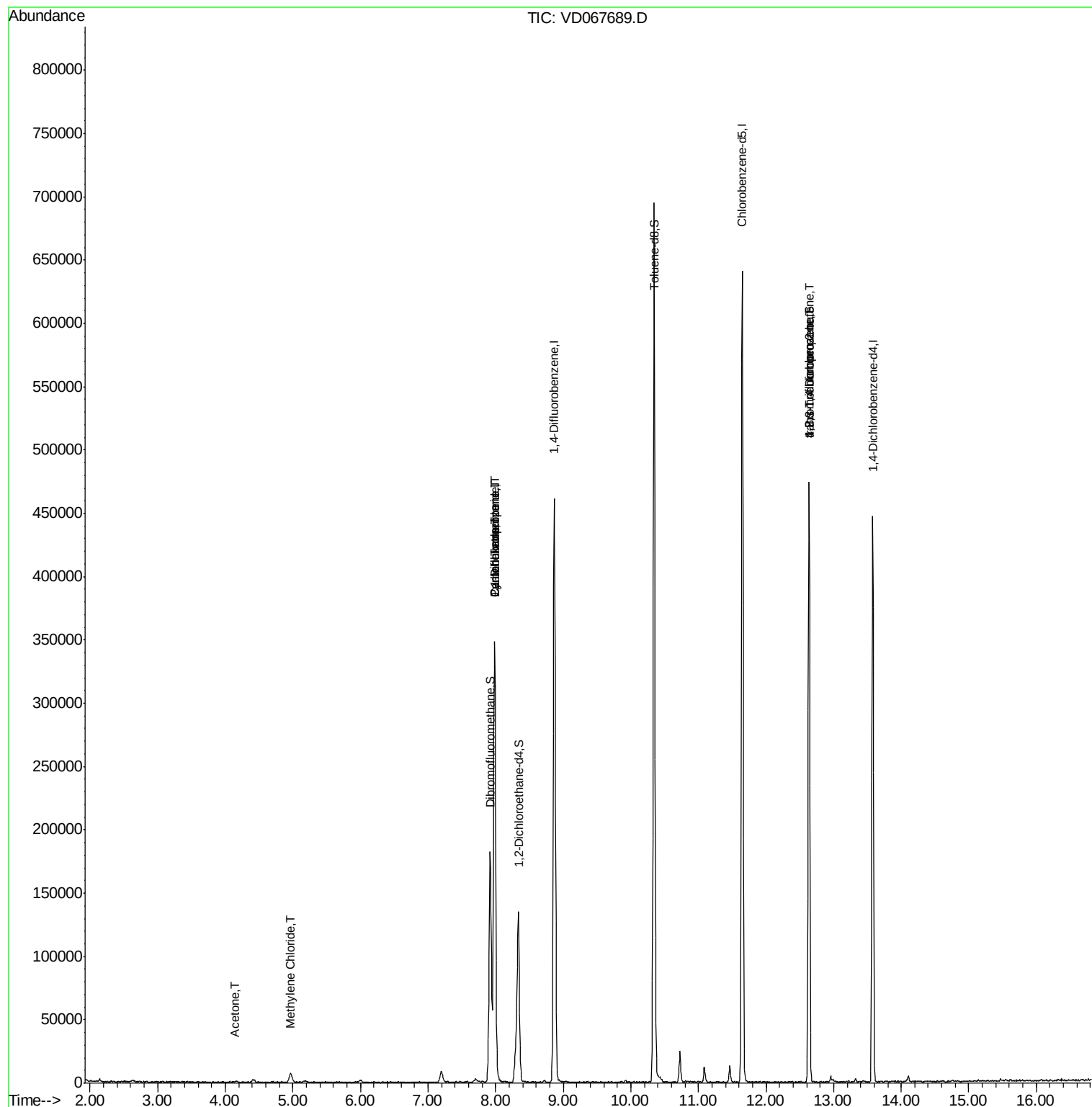
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	242	Below Cal	#	44
11) Tert butyl alcohol	5.22	59	87	Below Cal	#	79
16) Acetone	4.16	43	656	1.904	ug/l #	78
20) Methylene Chloride	4.96	84	6050	2.486	ug/l	93
31) Cyclohexane	7.98	56	5324	1.595	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	18278	5.124	ug/l #	50
38) Carbon Tetrachloride	7.98	117	27253	5.880	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	75648	104.694	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	75648	212.557	ug/l #	10

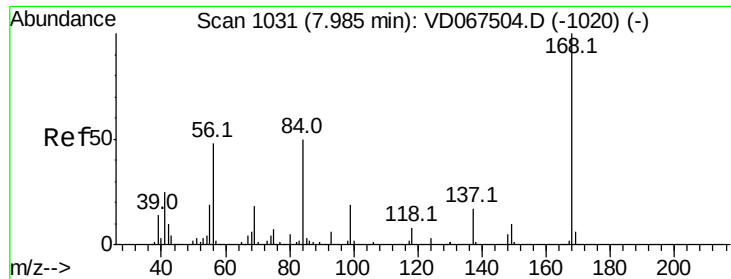
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067689.D

Acq: 18 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

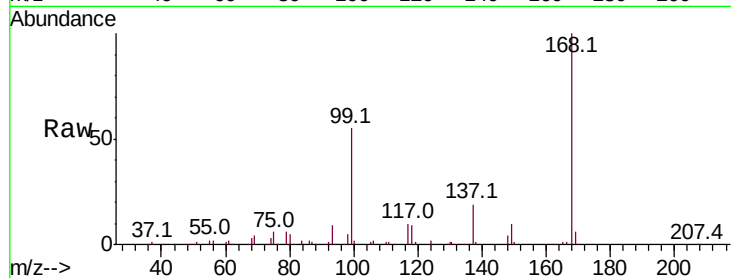
FJ-BH-01-0-1

Tot Ion:168 Resp: 263257

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

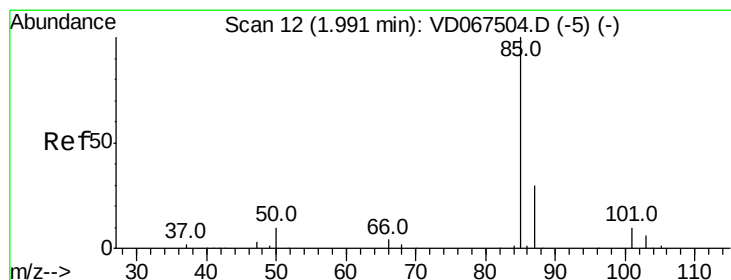
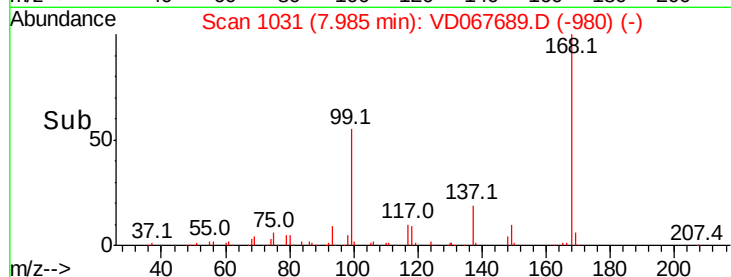
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067689.D

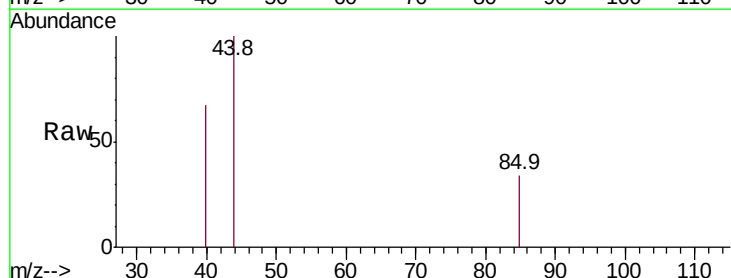
Acq: 18 Nov 2020 16:46

Tgt Ion: 85 Resp: 242

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

300

250

200

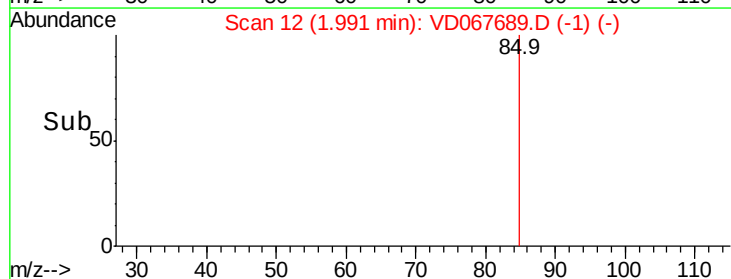
150

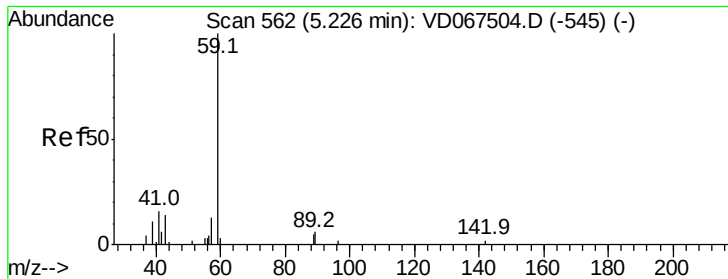
100

50

0

Time-->



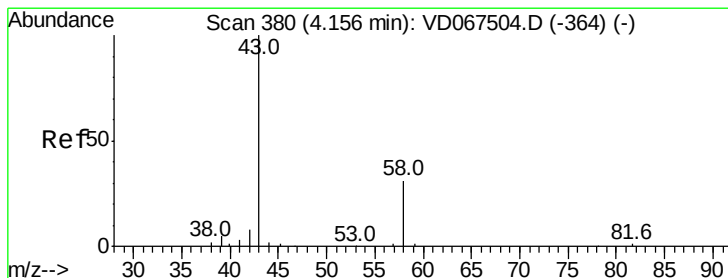
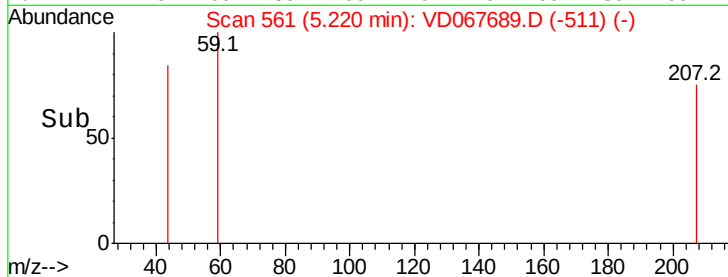
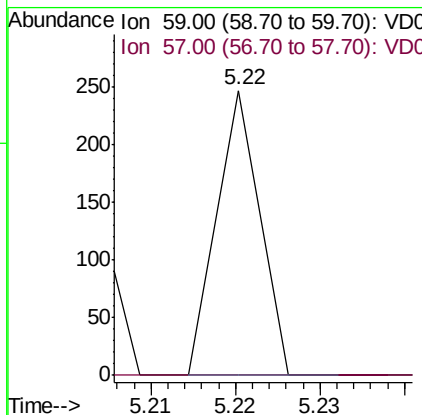
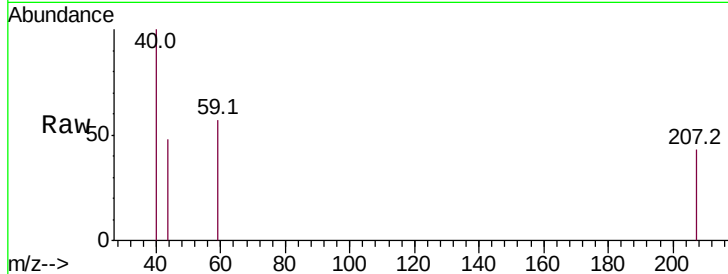


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

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

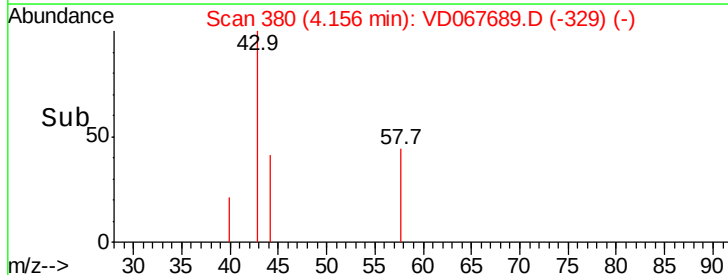
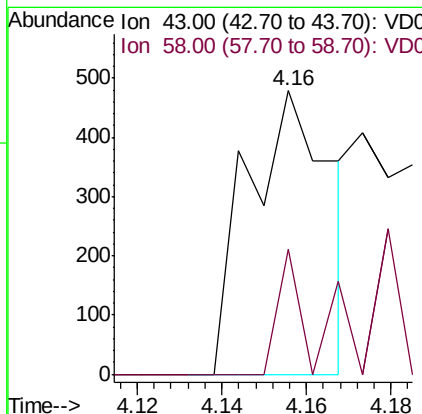
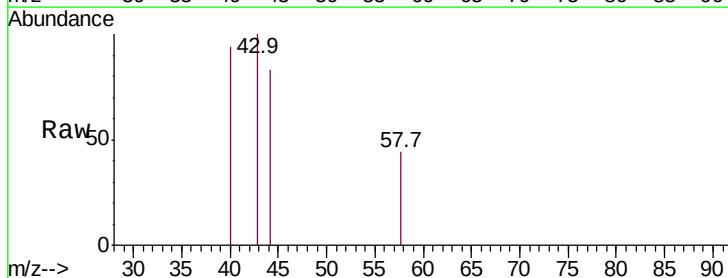
Tot Ion: 59 Resp: 87
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

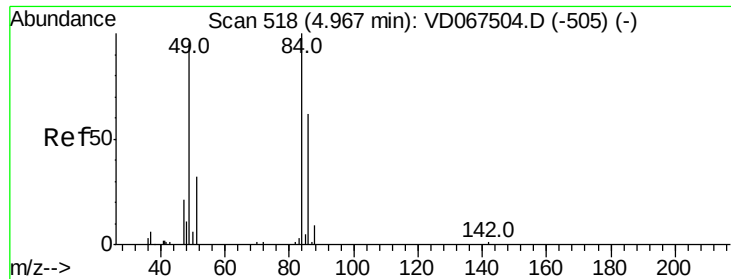


#16

Acetone
 Concen: 1.904 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

Tgt Ion: 43 Resp: 656
 Ion Ratio Lower Upper
 43 100
 58 43.9 25.2 37.8#

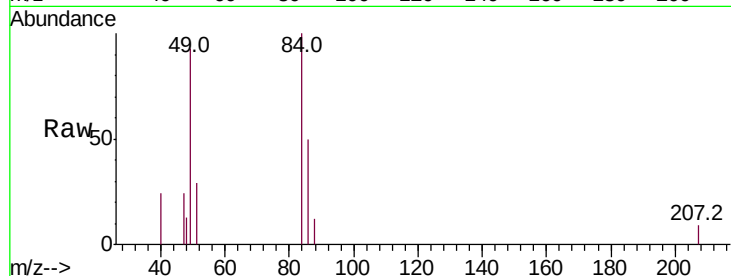




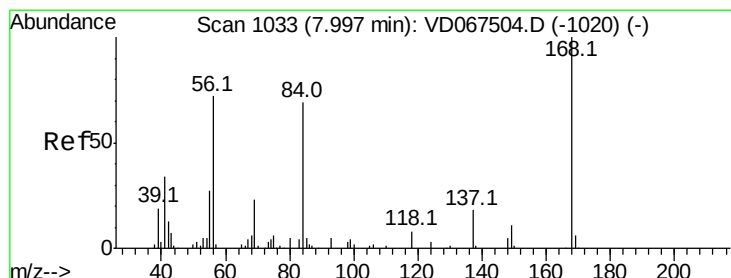
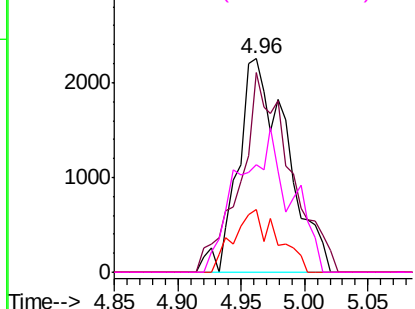
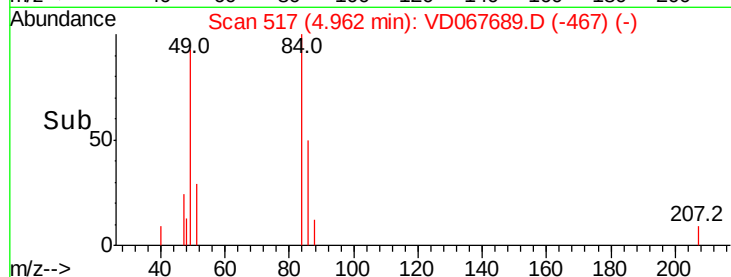
#20
Methylene Chloride
Concen: 2.486 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067689.D
Acq: 18 Nov 2020 16:46

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

Tot Ion: 84 Resp: 6050
Ion Ratio Lower Upper
84 100
49 93.4 77.0 115.4
51 29.2 25.4 38.2
86 50.4 49.4 74.0

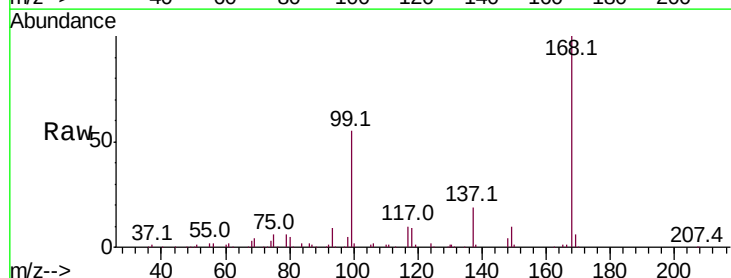


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

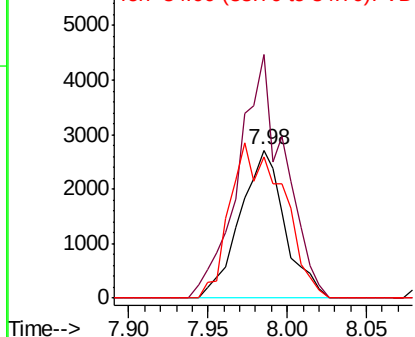
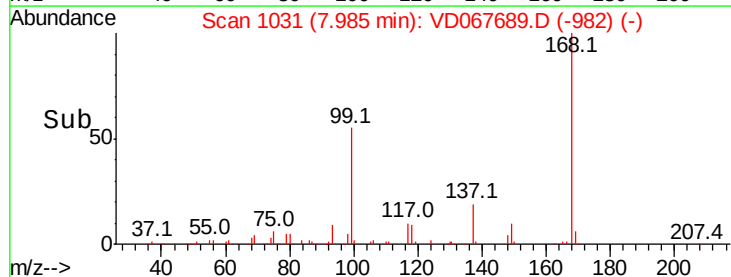


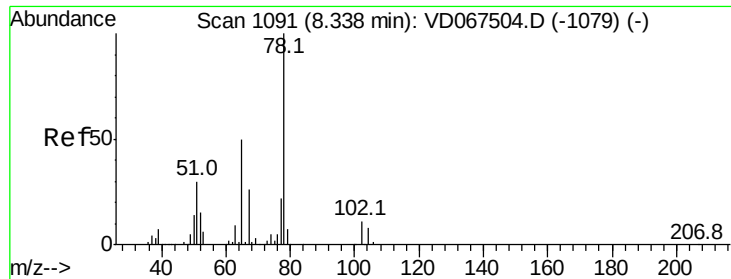
#31
Cyclohexane
Concen: 1.595 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067689.D
Acq: 18 Nov 2020 16:46

Tgt Ion: 56 Resp: 5324
Ion Ratio Lower Upper
56 100
69 164.7 25.9 38.9#
84 95.5 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

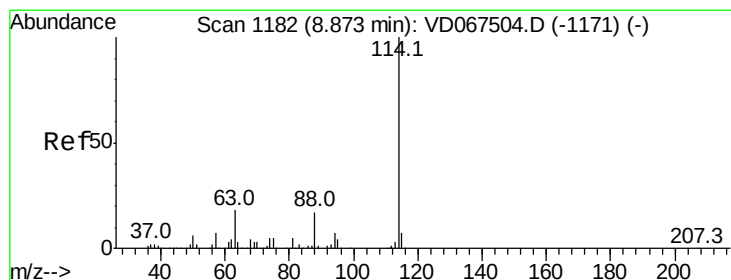
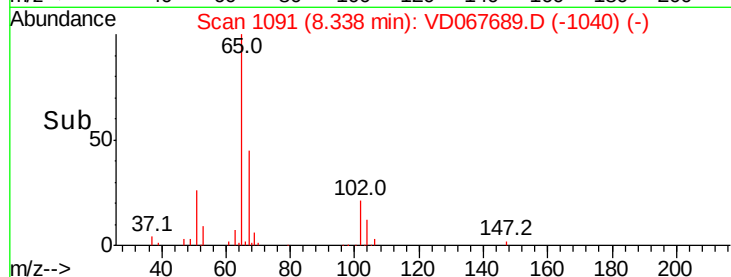
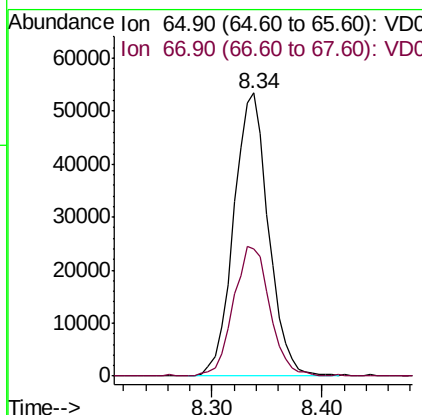
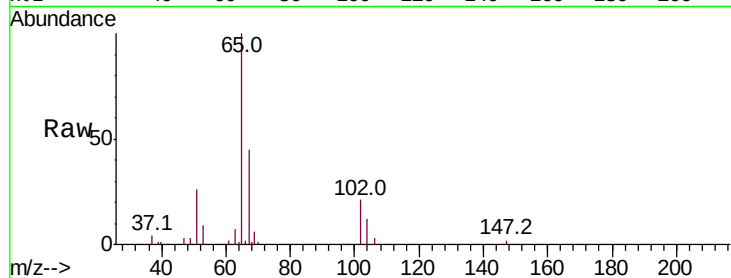




#33
 1,2-Dichloroethane-d4
 Concen: 51.311 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

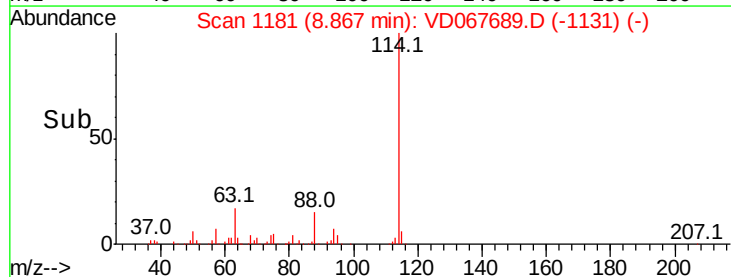
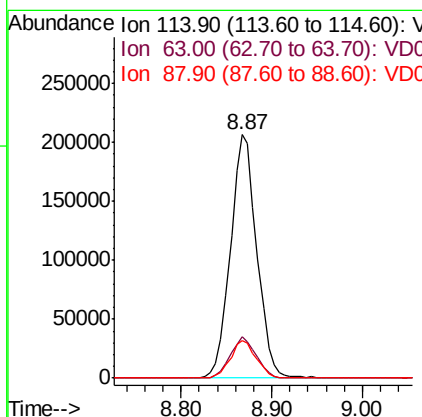
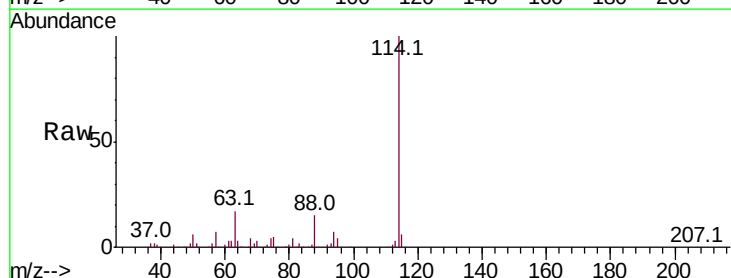
Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-0-1

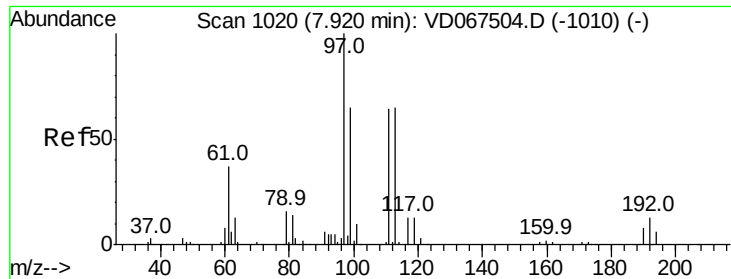
Tot Ion: 65 Resp: 118112
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

Tgt Ion: 114 Resp: 416765
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 15.4 0.0 33.0

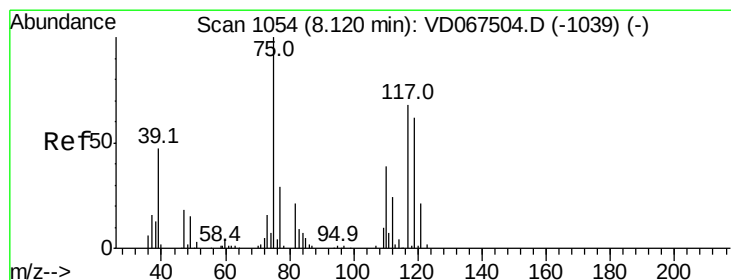
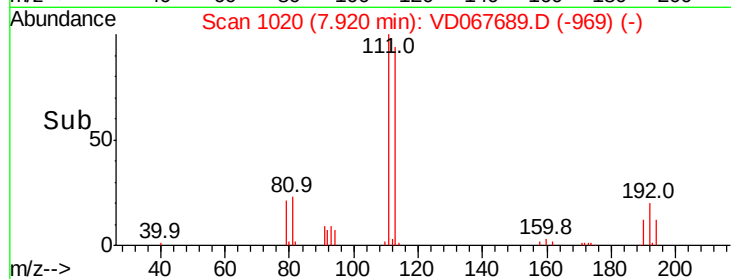
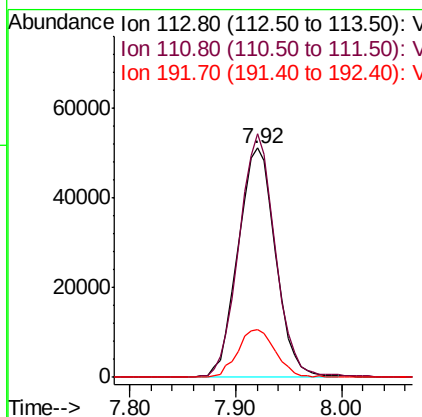
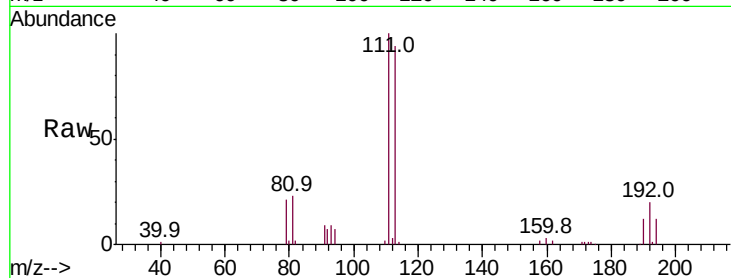




#35
 Dibromofluoromethane
 Concen: 50.409 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

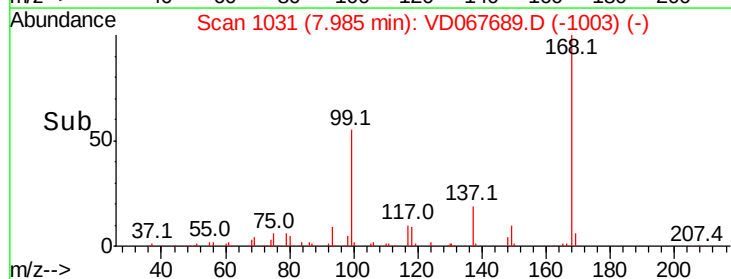
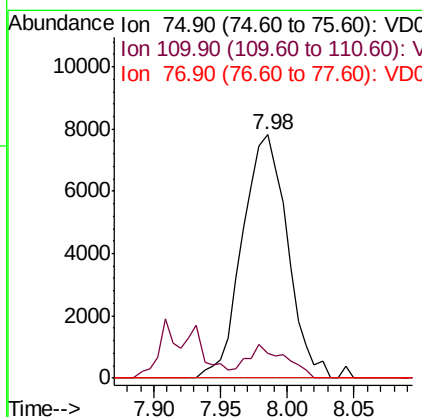
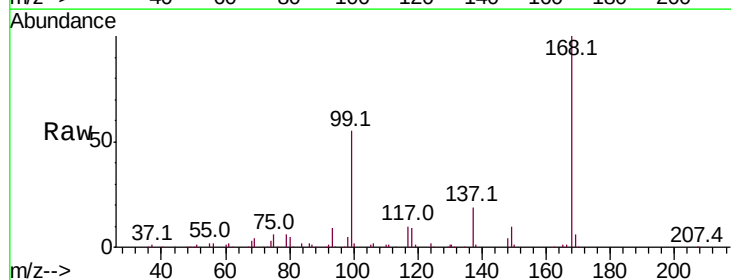
Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-01-0-1

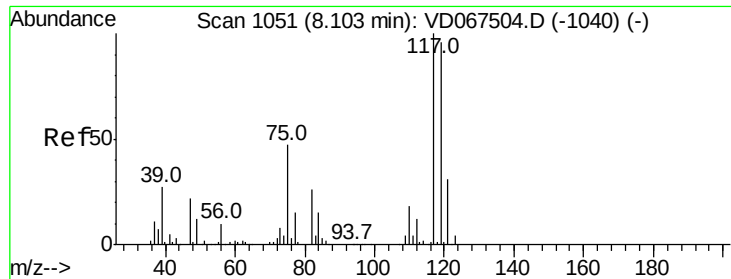
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.0	120.0
192	20.9	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 5.124 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067689.D
 Acq: 18 Nov 2020 16:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.9	19.9	59.7#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.880 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067689.D

Acq: 18 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

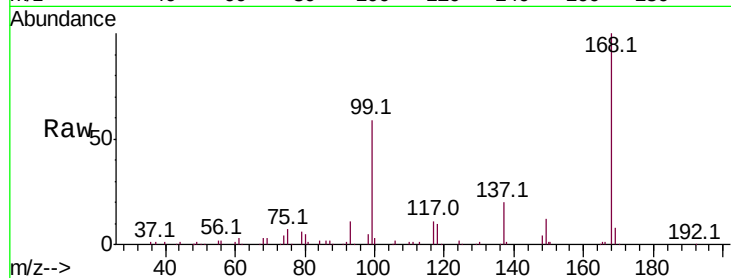
Tot Ion:117 Resp: 27253

Ion Ratio Lower Upper

117 100

119 2.8 76.9 115.3#

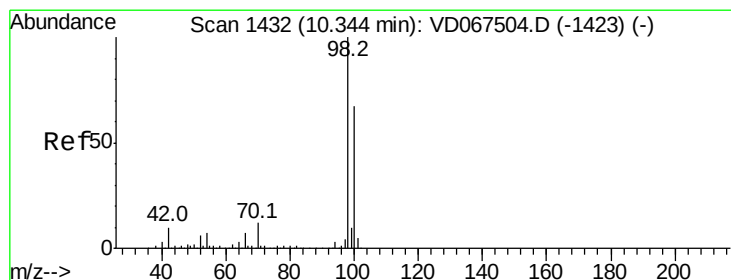
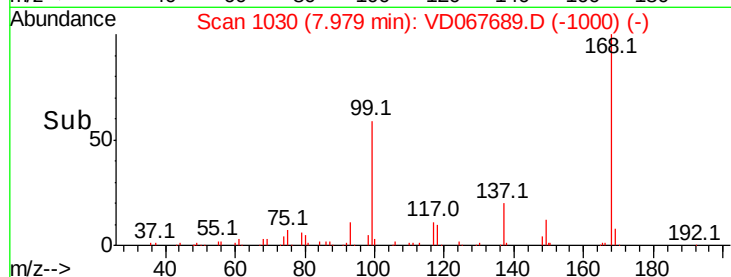
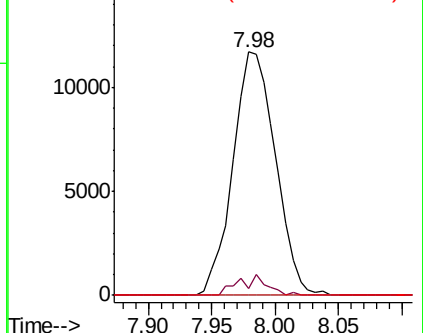
121 0.0 24.5 36.7#



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: 54.305 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067689.D

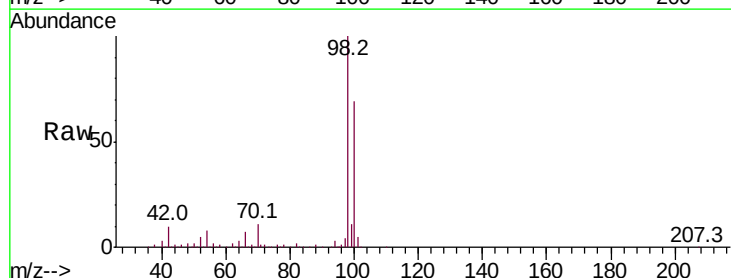
Acq: 18 Nov 2020 16:46

Tgt Ion: 98 Resp: 479203

Ion Ratio Lower Upper

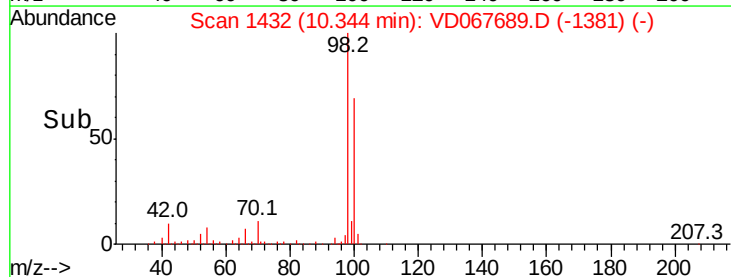
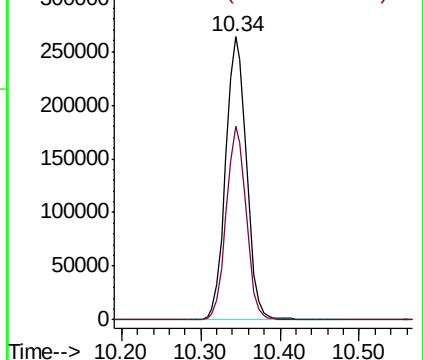
98 100

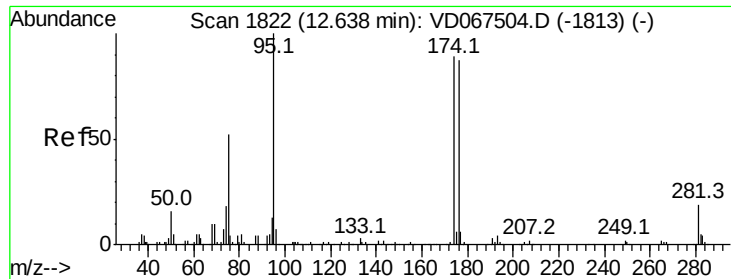
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

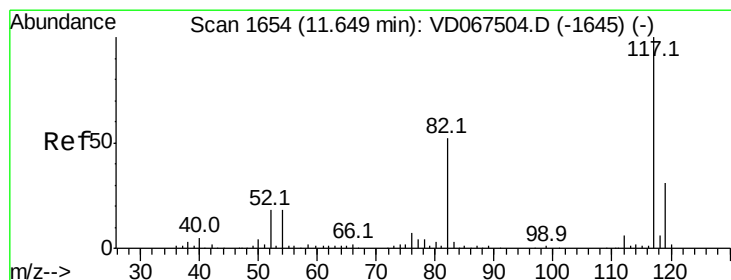
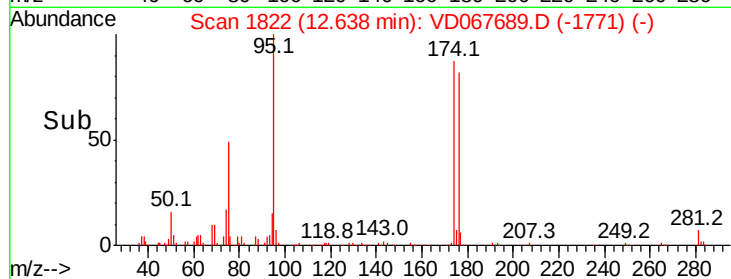
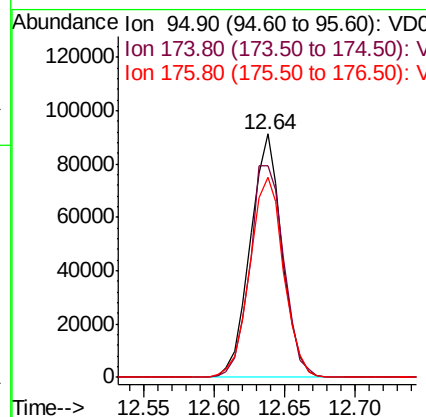
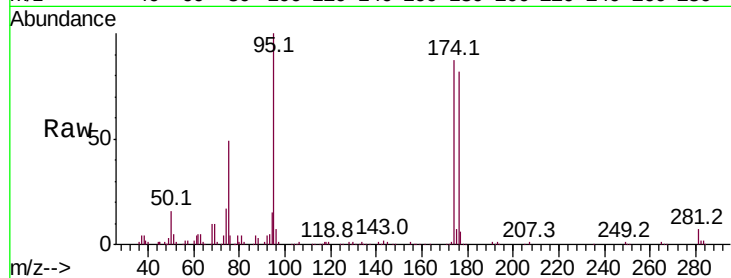




#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067689.D
Acq: 18 Nov 2020 16:46

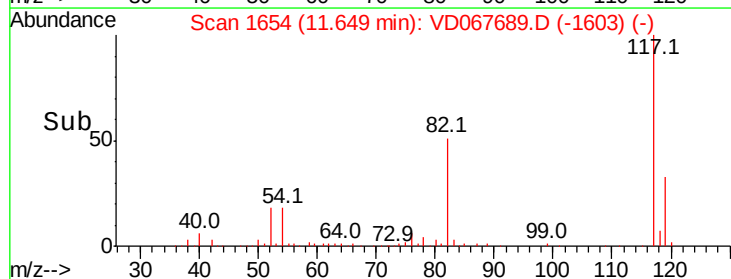
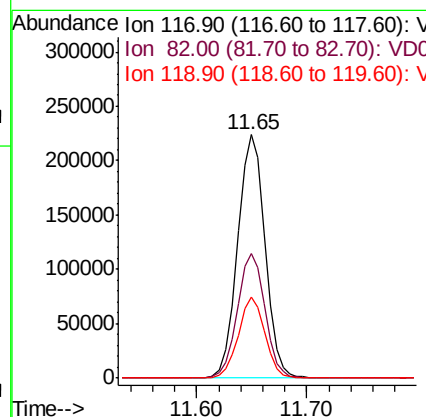
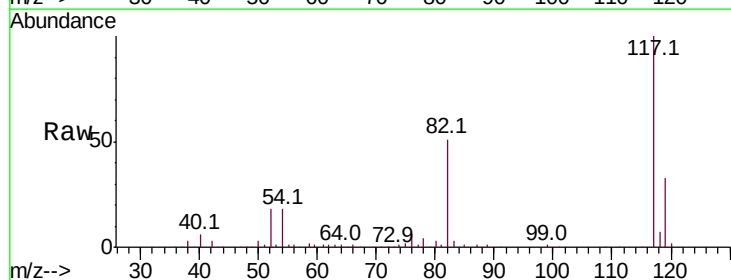
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-01-0-1

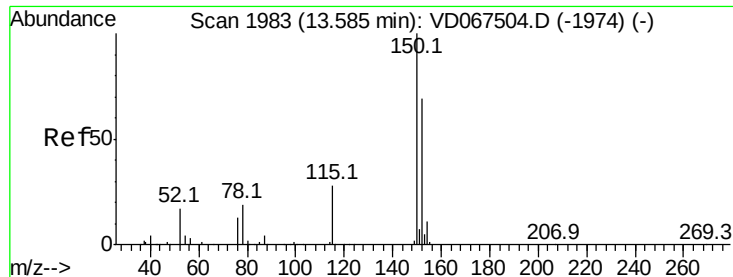
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	177.8
176	87.5	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067689.D
Acq: 18 Nov 2020 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	33.1	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: VD067689.D

Acq: 18 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

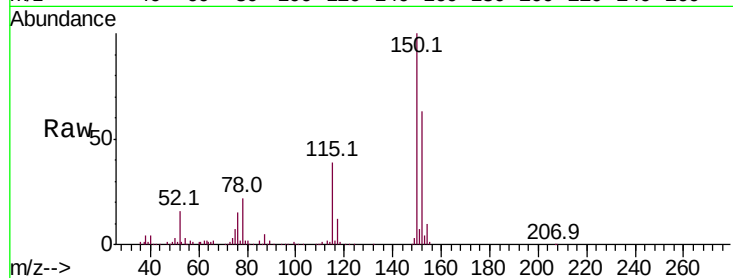
Tot Ion:152 Resp: 119777

Ion Ratio Lower Upper

152 100

115 61.6 29.3 88.0

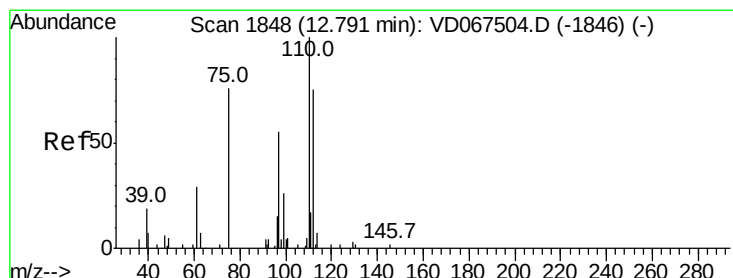
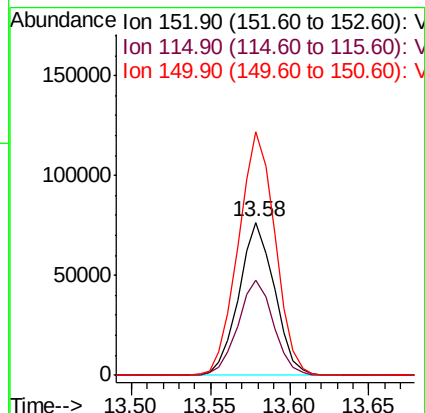
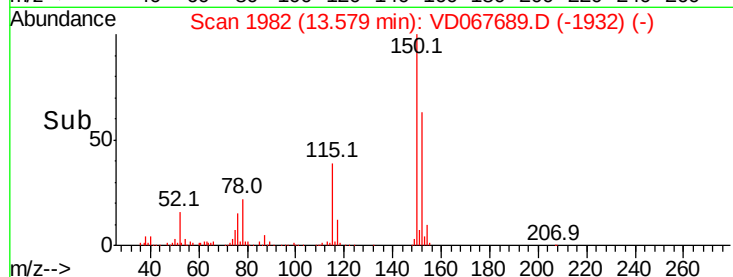
150 163.9 0.0 338.2



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: 104.694 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067689.D

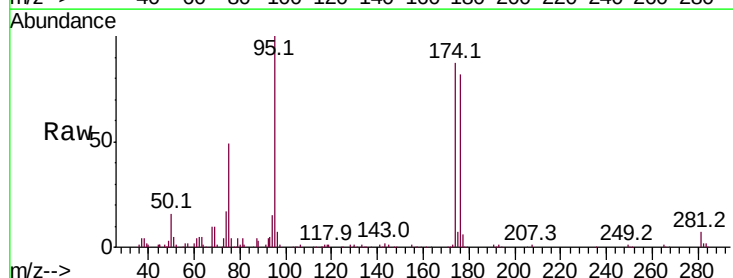
Acq: 18 Nov 2020 16:46

Tgt Ion: 75 Resp: 75648

Ion Ratio Lower Upper

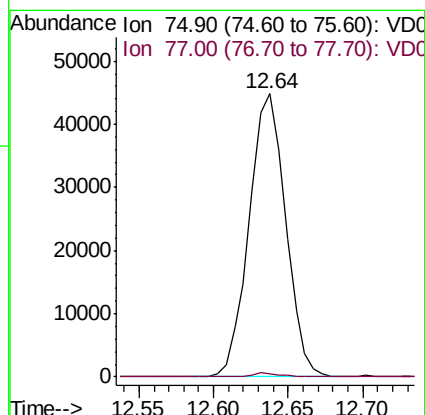
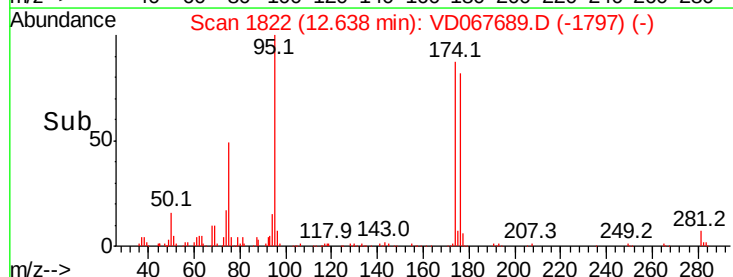
75 100

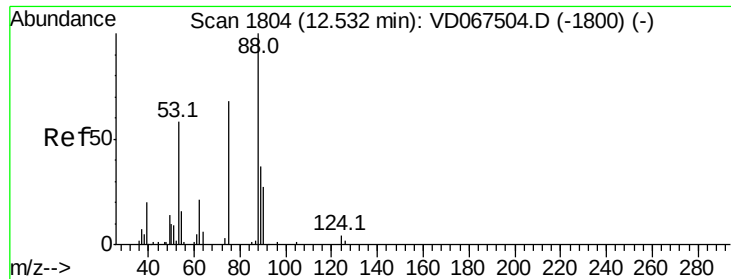
77 1.0 0.0 0.0#



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: 212.557 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067689.D

Acq: 18 Nov 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-01-0-1

Tot Ion: 75 Resp: 75648

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.0 44.6 67.0#

