

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067670.D
 Acq On : 17 Nov 2020 18:42
 Operator : VA/SY
 Sample : L4770-08
 Misc : 3.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-0-1

Quant Time: Nov 17 23:59:58 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	240960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	113388	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	7.92	113	120575	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.34	98	456909	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.64	95	173345	62.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.46%	

Target Compounds

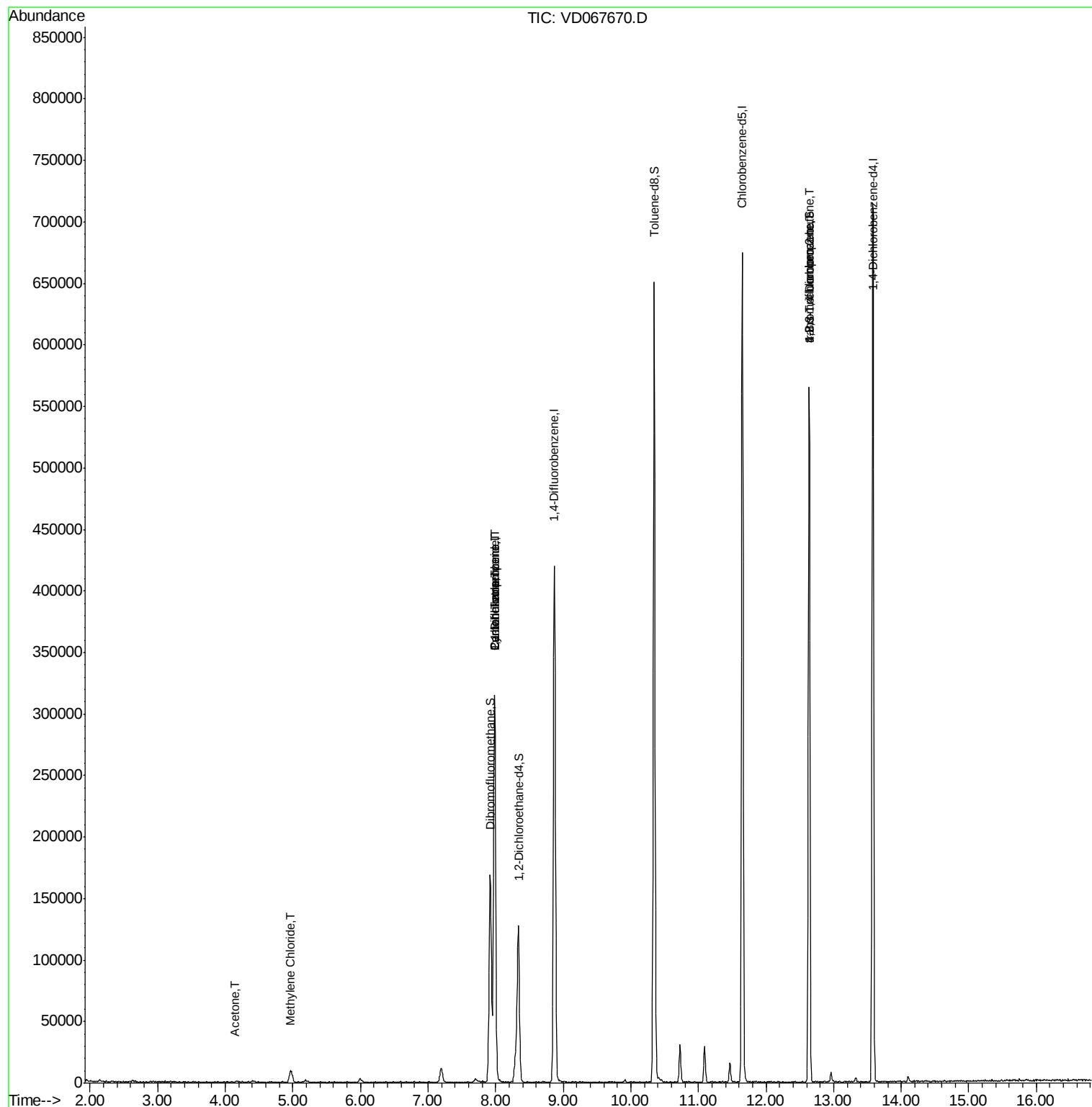
					Qvalue	
11) Tert butyl alcohol	5.17	59	1233	Below Cal	#	79
16) Acetone	4.15	43	1046	3.318	ug/l	91
20) Methylene Chloride	4.96	84	6006	2.697	ug/l #	86
31) Cyclohexane	7.99	56	4736	1.550	ug/l #	11
36) 1,1-Dichloropropene	7.99	75	15729	4.822	ug/l #	49
38) Carbon Tetrachloride	7.99	117	23117	5.455	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	91158	73.346	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	91158	148.913	ug/l #	10

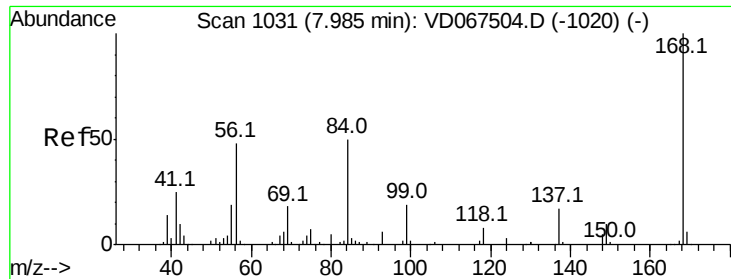
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

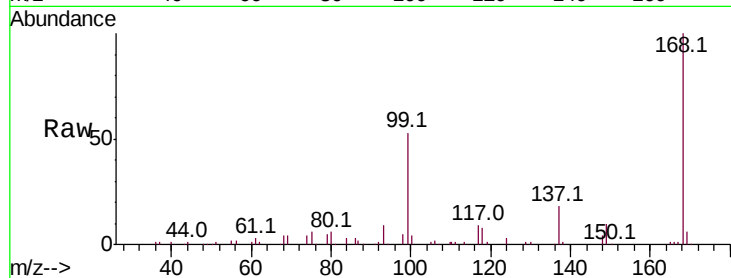
FJ-BH-02-0-1

Tot Ion:168 Resp: 240960

Ion Ratio Lower Upper

168 100

99 53.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

120000

100000

80000

60000

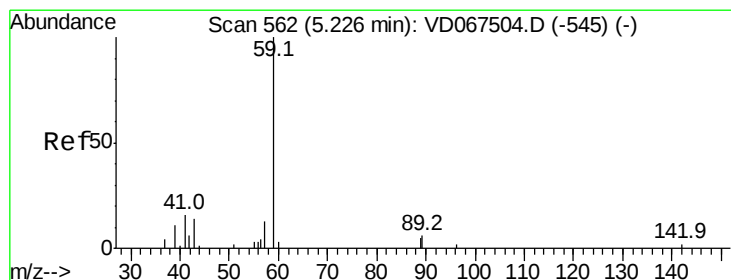
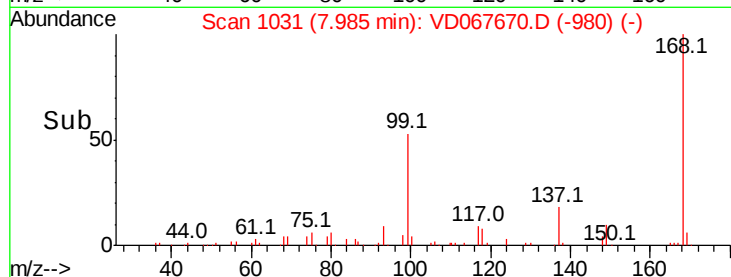
40000

20000

0

Time-->

7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 553

Delta R.T. -0.05 min

Lab File: VD067670.D

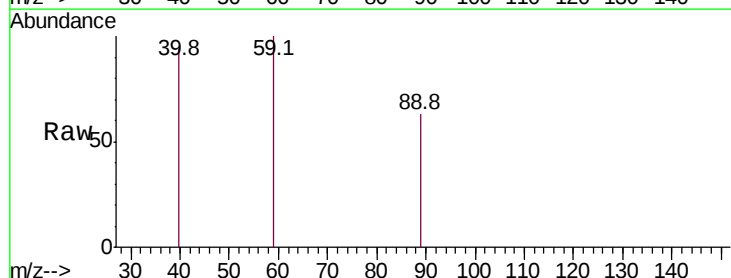
Acq: 17 Nov 2020 18:42

Tgt Ion: 59 Resp: 1233

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

5.17

500

400

300

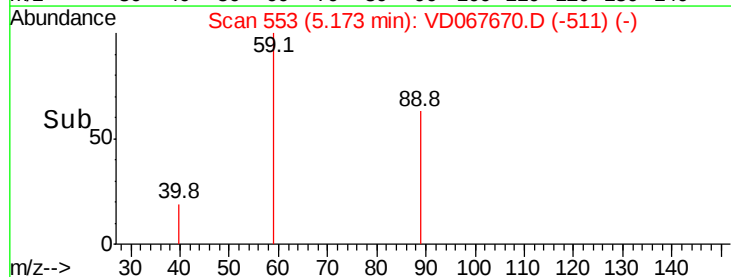
200

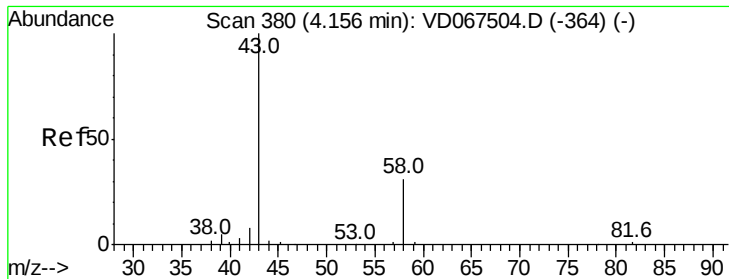
100

0

Time-->

5.15 5.20 5.25





#16

Acetone

Concen: 3.318 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

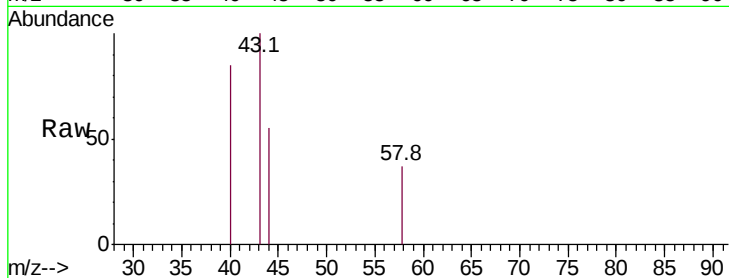
FJ-BH-02-0-1

Tot Ion: 43 Resp: 1046

Ion Ratio Lower Upper

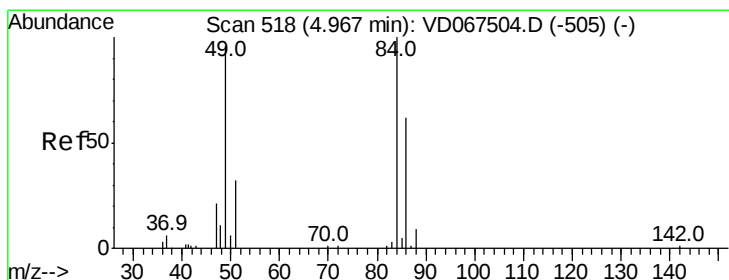
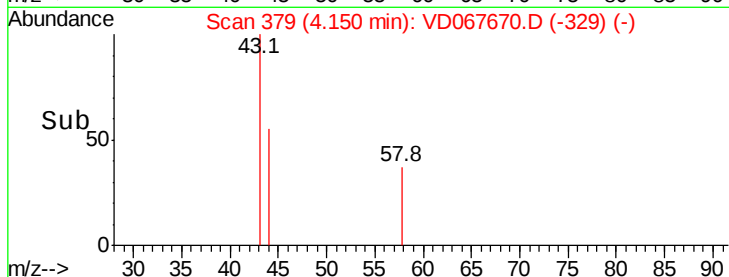
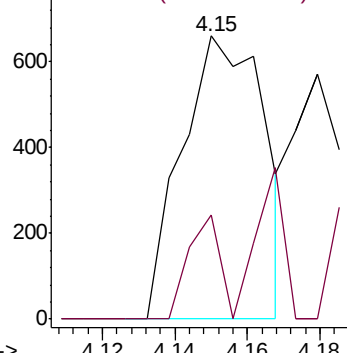
43 100

58 36.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 2.697 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Tgt Ion: 84 Resp: 6006

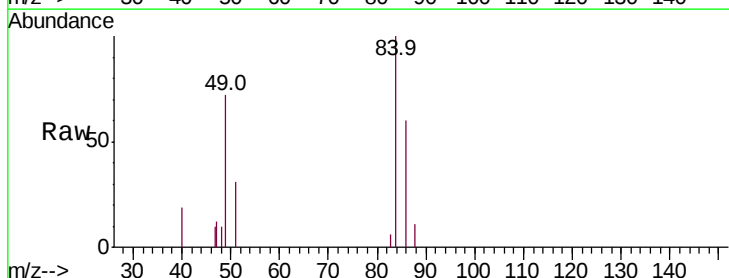
Ion Ratio Lower Upper

84 100

49 71.6 77.0 115.4#

51 31.4 25.4 38.2

86 60.0 49.4 74.0

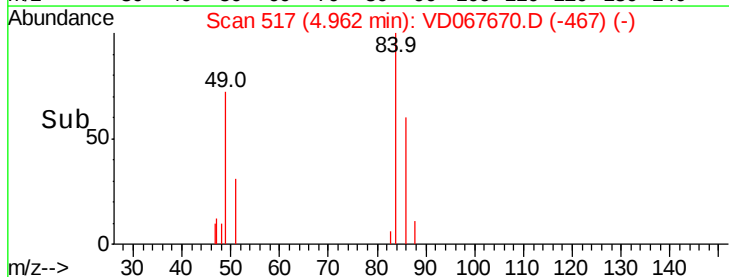
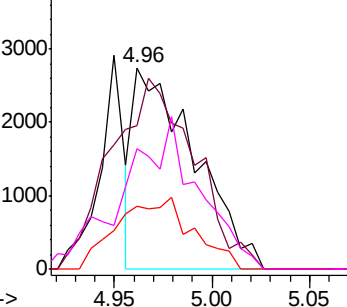


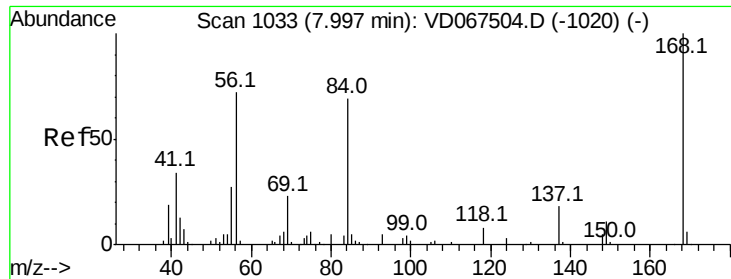
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

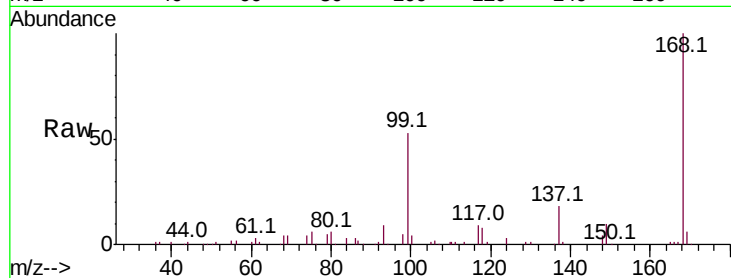




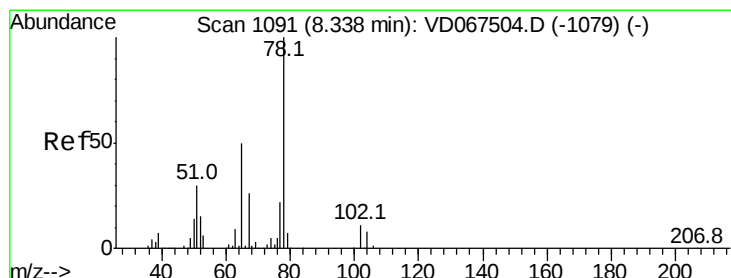
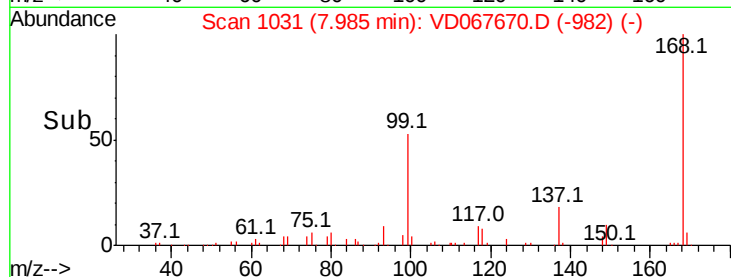
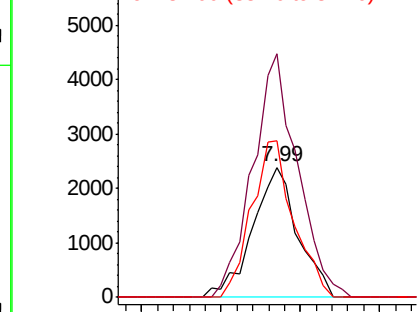
#31
 Cvclohexane
 Concen: 1.550 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: VD067670.D
 Acq: 17 Nov 2020 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-0-1

Tot Ion: 56 Resp: 4736
 Ion Ratio Lower Upper
 56 100
 69 187.1 25.9 38.9#
 84 120.4 76.2 114.4#

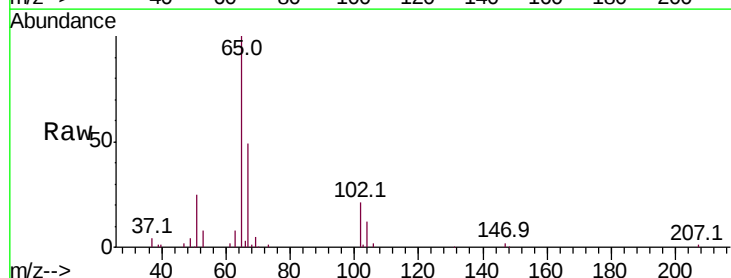


Abundance Ion 56.00 (55.70 to 56.70): VDC
 Ion 69.00 (68.70 to 69.70): VDC
 Ion 84.00 (83.70 to 84.70): VDC

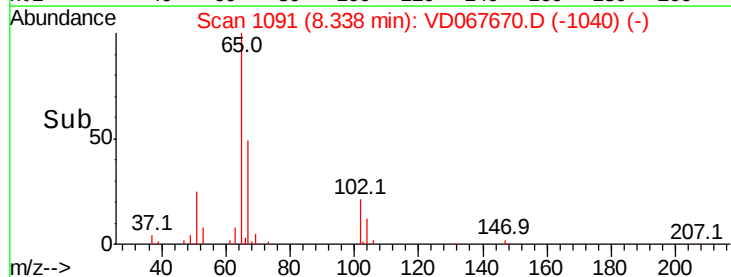
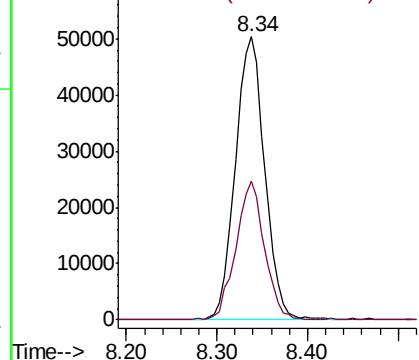


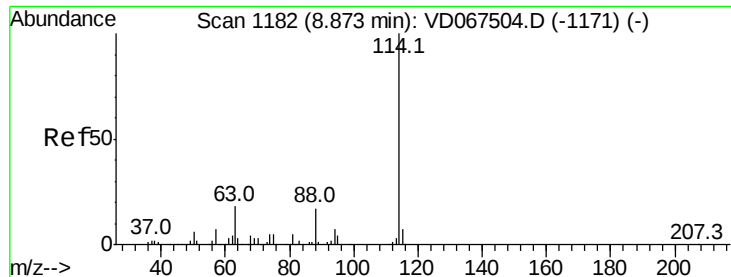
#33
 1,2-Dichloroethane-d4
 Concen: 53.817 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067670.D
 Acq: 17 Nov 2020 18:42

Tgt Ion: 65 Resp: 113388
 Ion Ratio Lower Upper
 65 100
 67 47.9 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: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-0-1

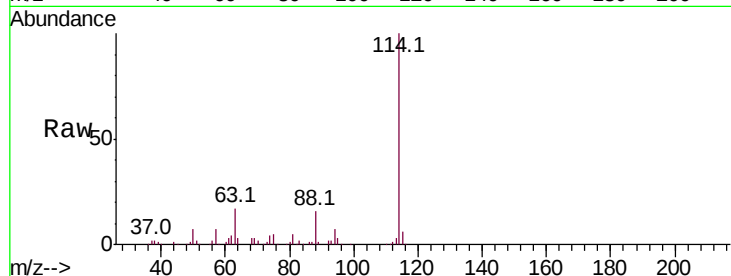
Tot Ion:114 Resp: 381052

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

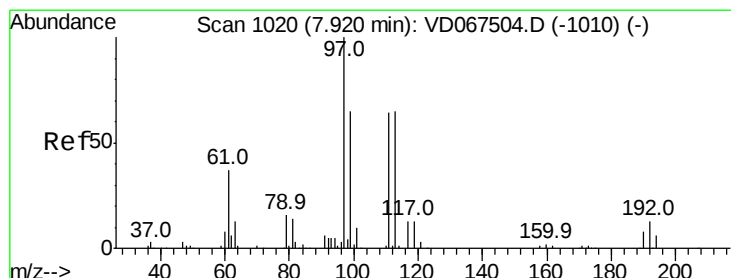
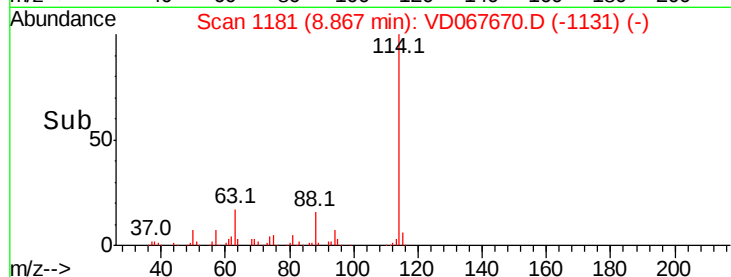
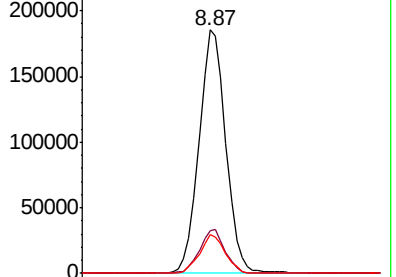
88 15.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.519 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

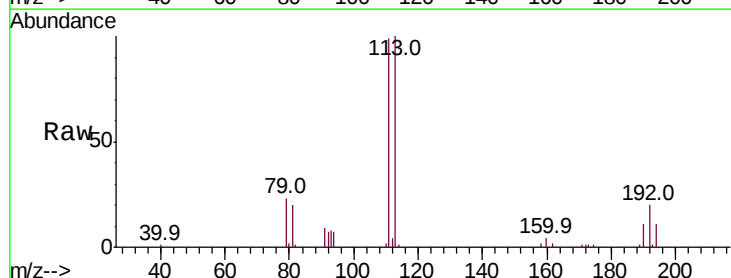
Tgt Ion:113 Resp: 120575

Ion Ratio Lower Upper

113 100

111 101.3 80.0 120.0

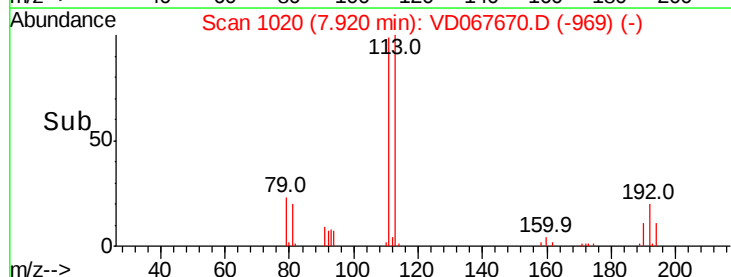
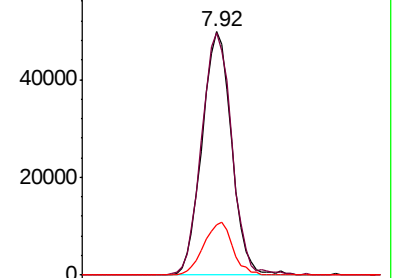
192 21.1 16.3 24.5

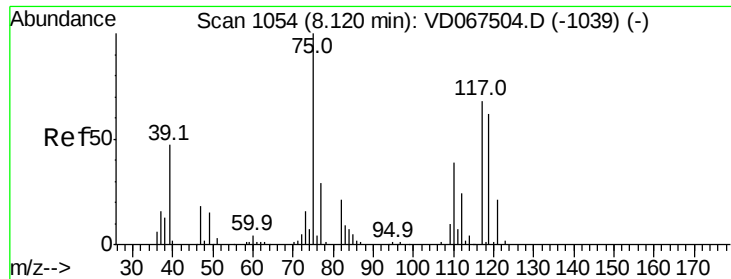


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.822 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.13 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-0-1

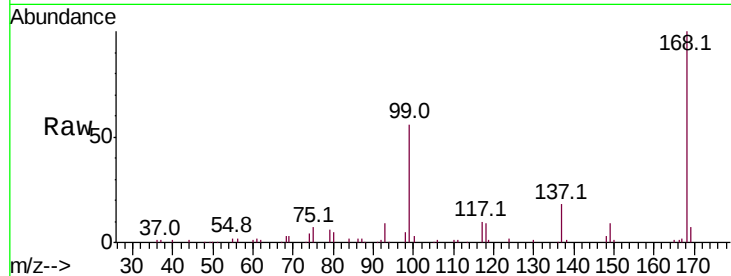
Tot Ion: 75 Resp: 15729

Ion Ratio Lower Upper

75 100

110 11.4 19.9 59.7#

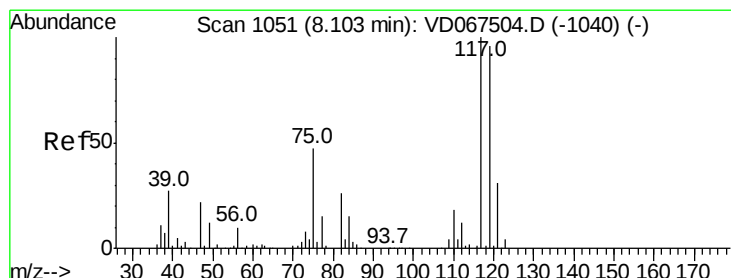
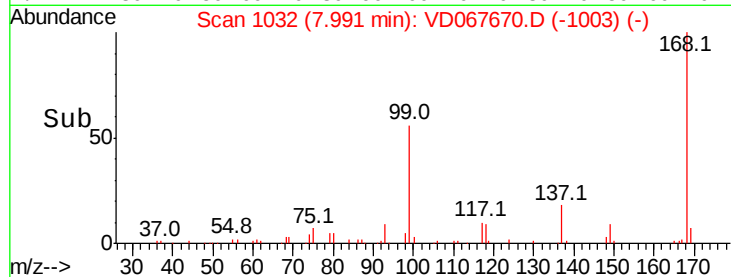
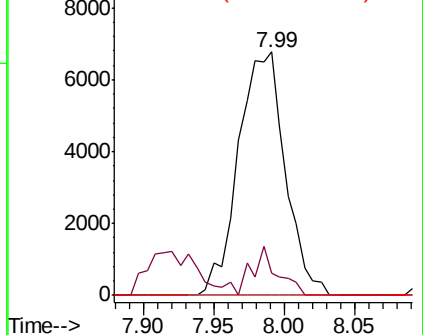
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.455 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

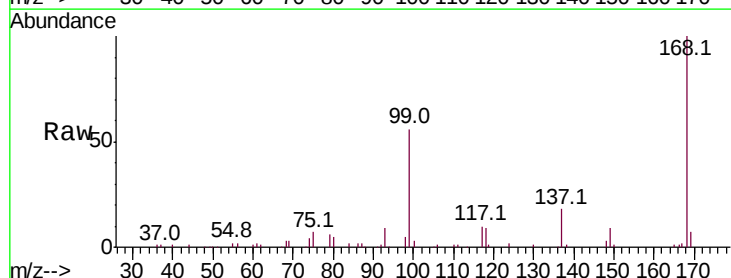
Tgt Ion: 117 Resp: 23117

Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

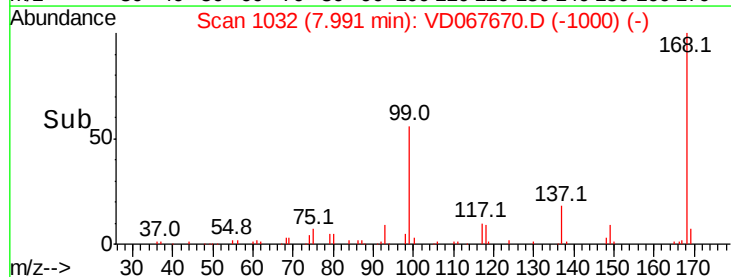
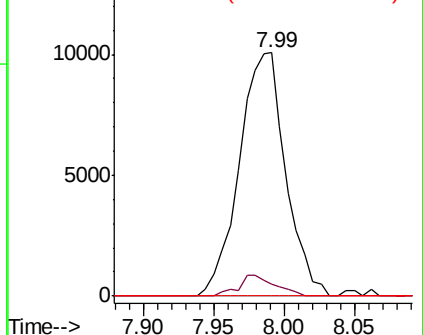
121 0.0 24.5 36.7#

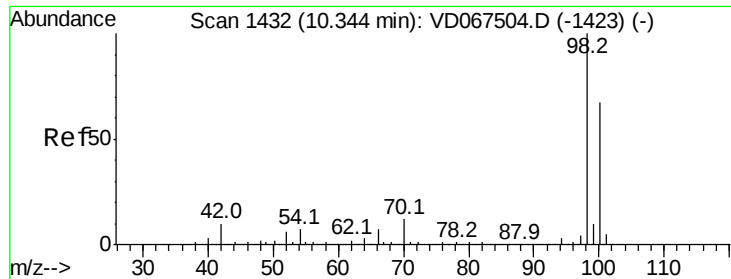


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC

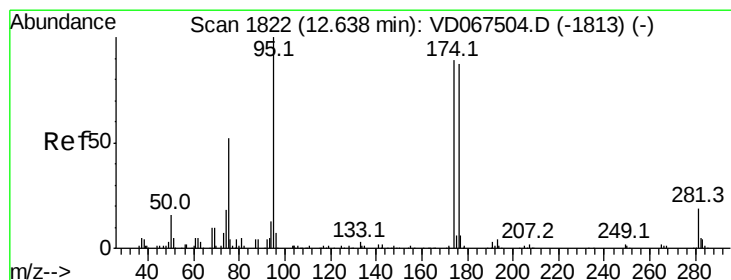
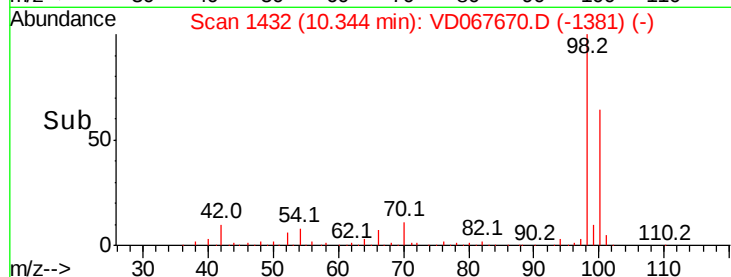
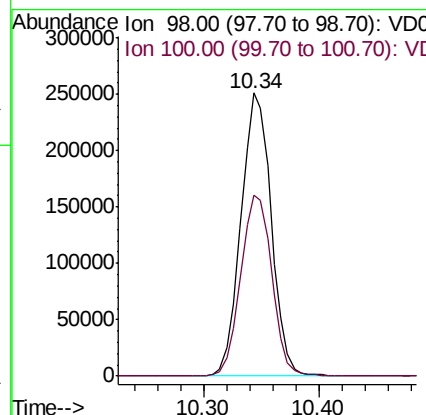
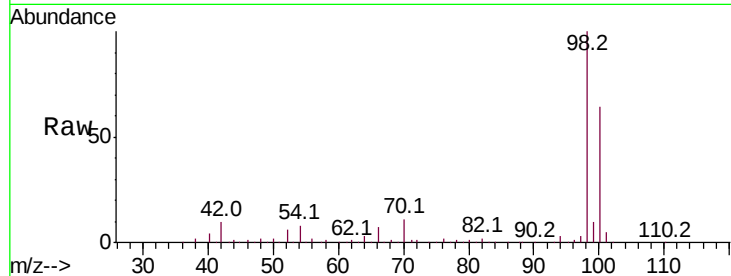




#50
Toluene-d8
Concen: 56.632 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067670.D
Acq: 17 Nov 2020 18:42

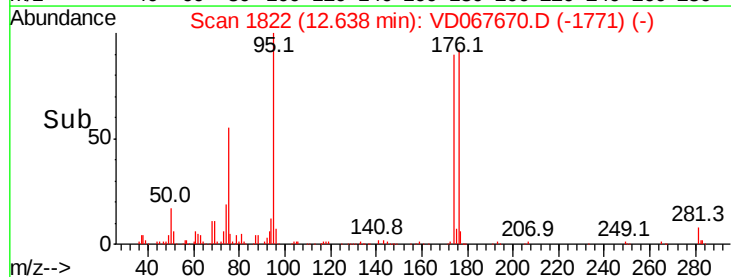
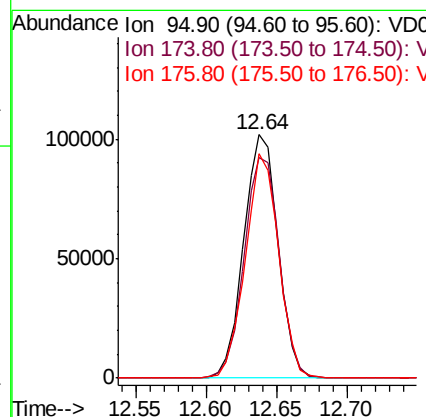
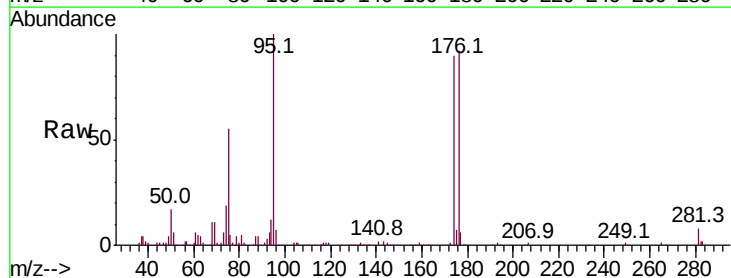
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-0-1

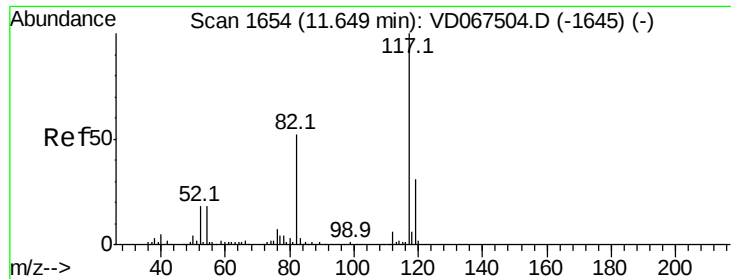
Tot Ion: 98 Resp: 456909
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 62.232 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067670.D
Acq: 17 Nov 2020 18:42

Tgt Ion: 95 Resp: 173345
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.8
176 89.5 0.0 172.0

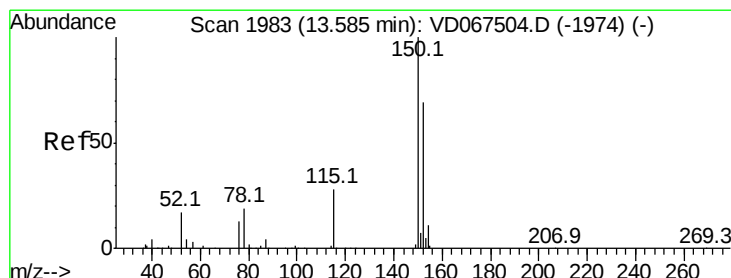
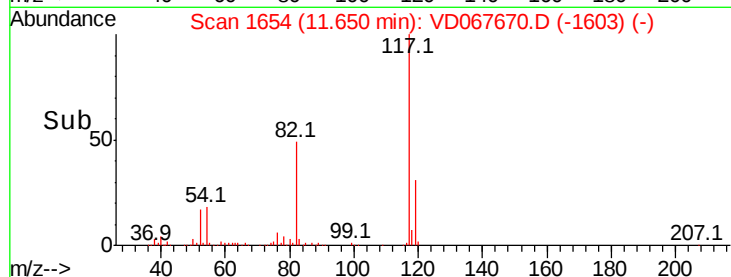
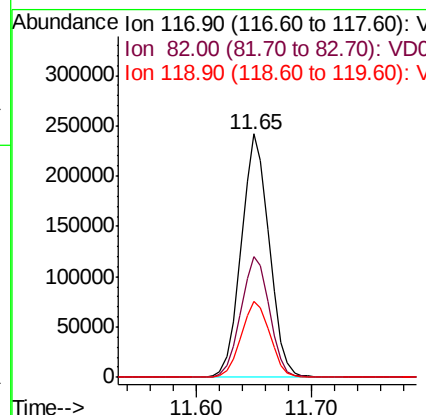
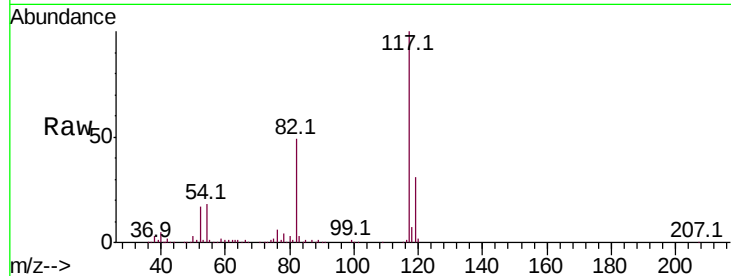




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067670.D
Acq: 17 Nov 2020 18:42

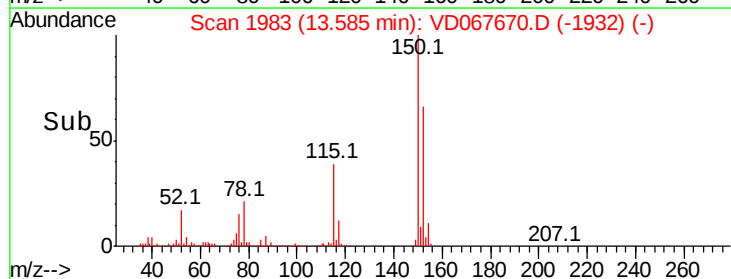
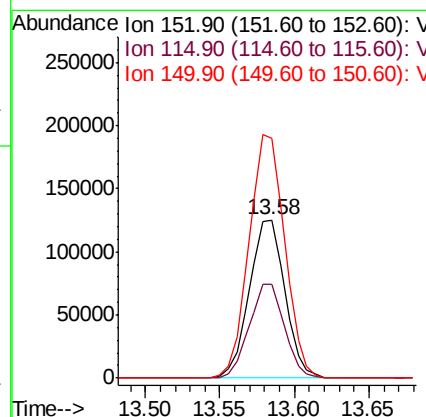
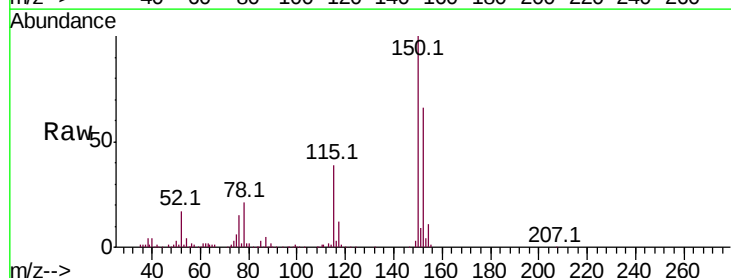
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-0-1

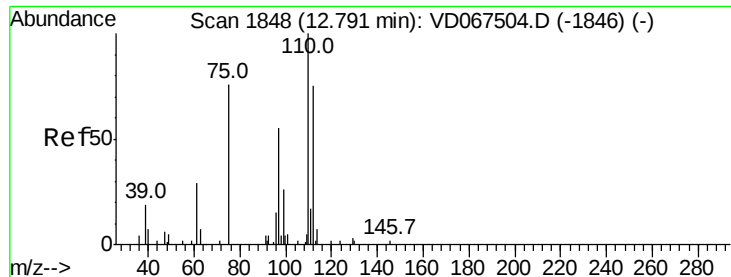
Tot Ion:117 Resp: 403953
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067670.D
Acq: 17 Nov 2020 18:42

Tgt Ion:152 Resp: 206022
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 155.0 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 73.346 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

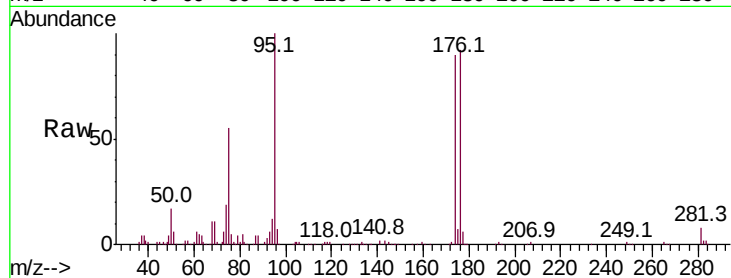
FJ-BH-02-0-1

Tot Ion: 75 Resp: 91158

Ion Ratio Lower Upper

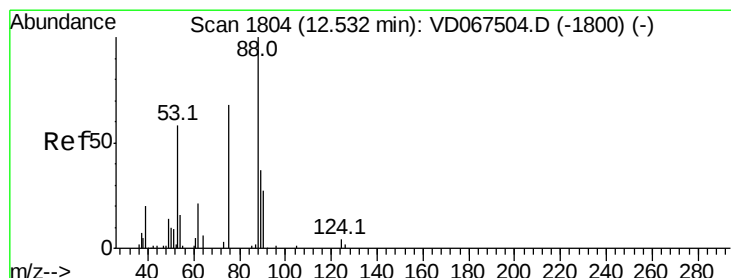
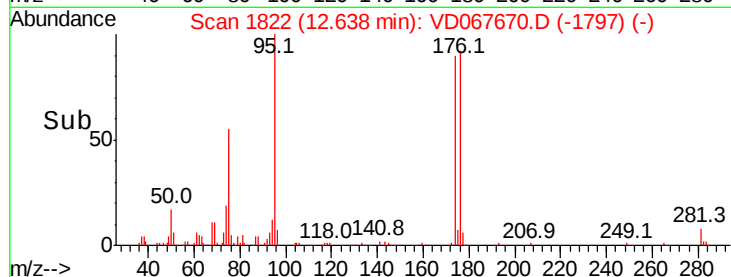
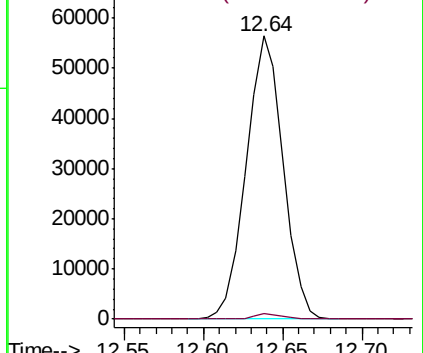
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 148.913 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067670.D

Acq: 17 Nov 2020 18:42

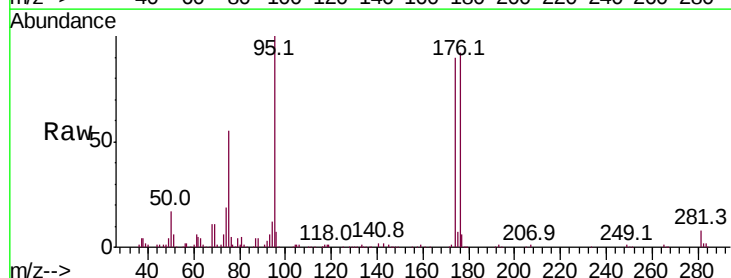
Tgt Ion: 75 Resp: 91158

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

