

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067684.D
 Acq On : 18 Nov 2020 14:30
 Operator : VA/SY
 Sample : L4770-22
 Misc : 3.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-04-2-3

Quant Time: Nov 19 00:27:17 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

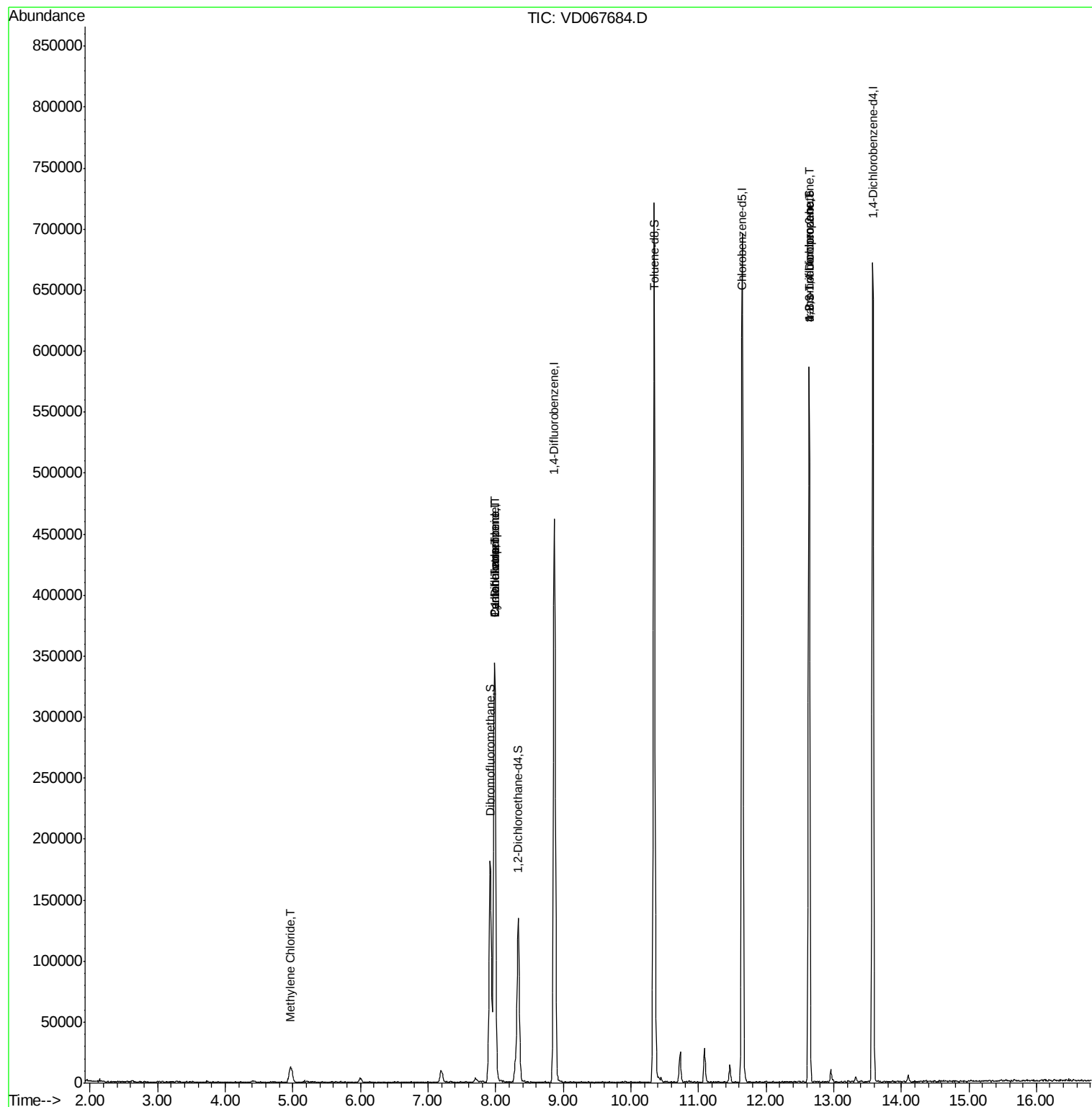
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	270731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	426345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	424362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	187564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117027	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.93	113	128445	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.34	98	484903	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.64	95	173173	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	223	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	125	Below Cal	#	79
20) Methylene Chloride	4.97	84	12436	4.970	ug/l #	86
31) Cyclohexane	7.99	56	5649	1.645	ug/l #	45
36) 1,1-Dichloropropene	7.98	75	19243	5.273	ug/l #	50
38) Carbon Tetrachloride	7.98	117	28047	5.915	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	92800	82.016	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	92800	166.513	ug/l #	10

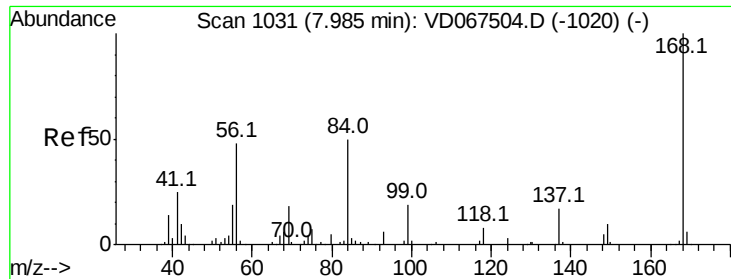
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
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FJ-BH-04-2-3

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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: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

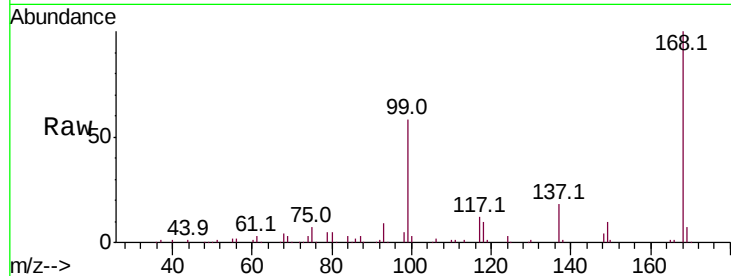
FJ-BH-04-2-3

Tot Ion:168 Resp: 270731

Ion Ratio Lower Upper

168 100

99 58.3 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

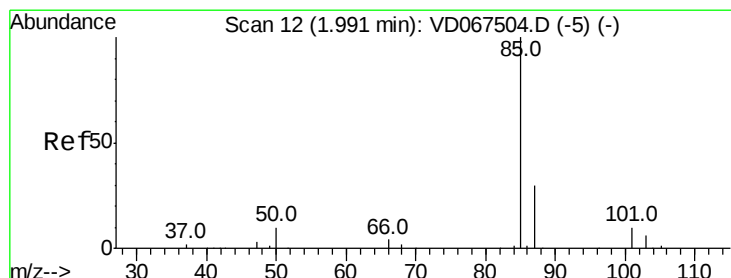
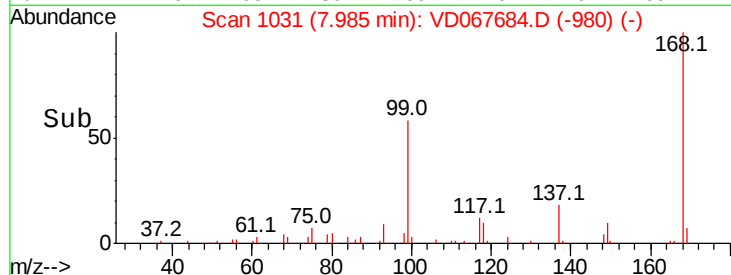
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067684.D

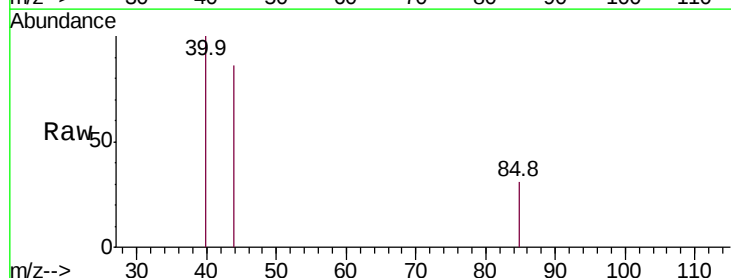
Acq: 18 Nov 2020 14:30

Tgt Ion: 85 Resp: 223

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

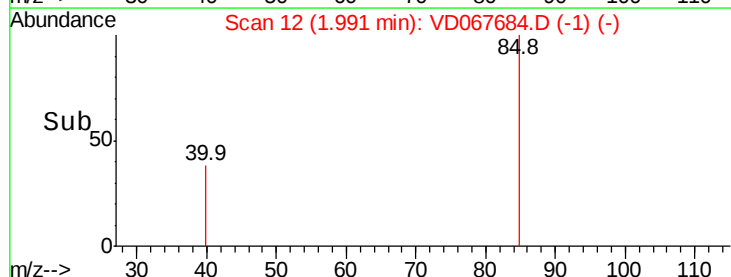
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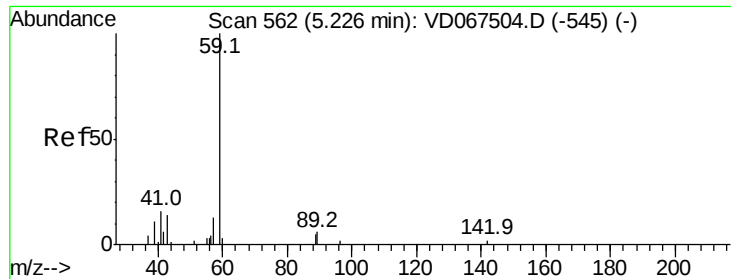
50

0

Time-->

1.98 2.00 2.02

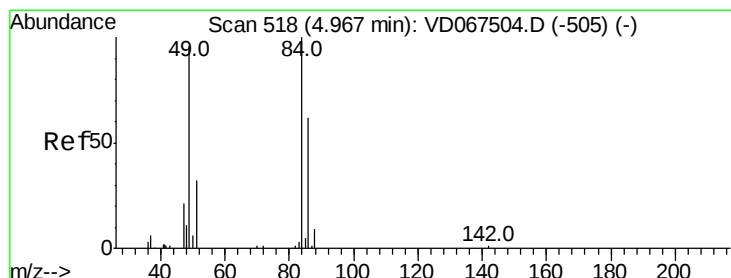
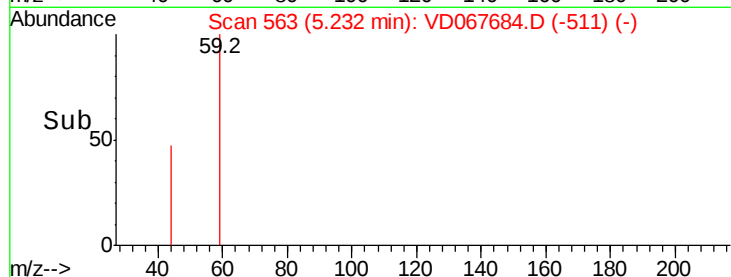
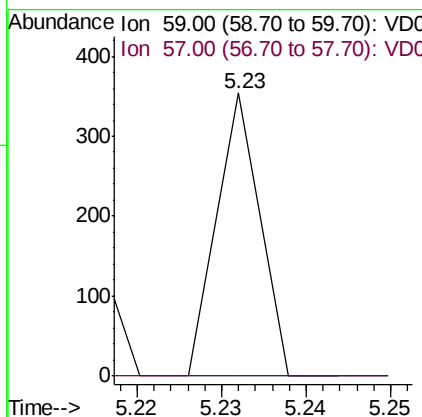
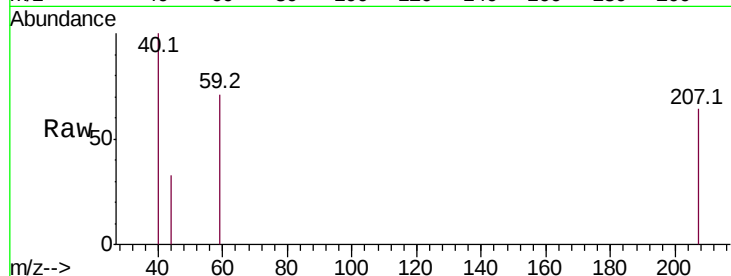




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

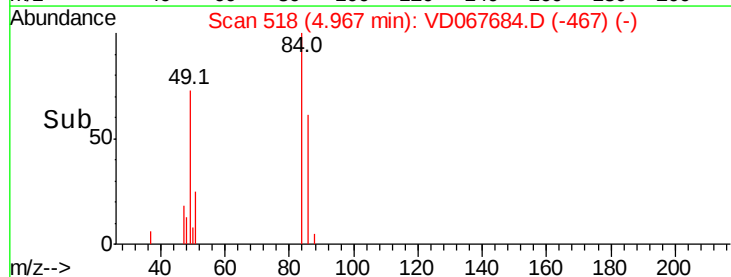
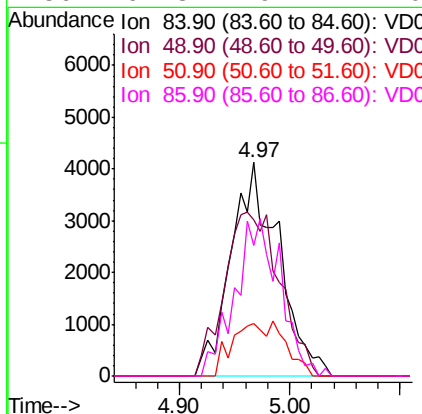
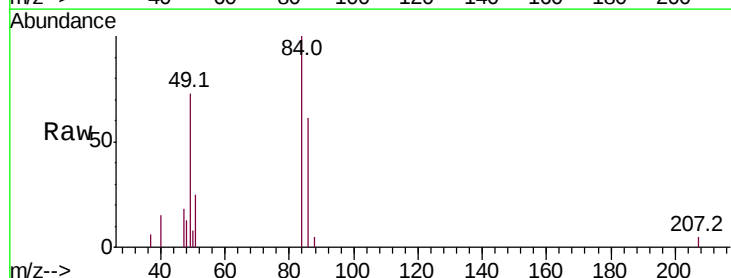
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-04-2-3

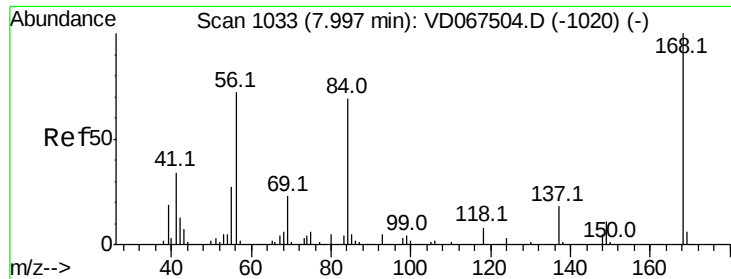
Tot Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#20
Methylene Chloride
Concen: 4.970 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Tgt Ion: 84 Resp: 12436
Ion Ratio Lower Upper
84 100
49 73.2 77.0 115.4#
51 24.6 25.4 38.2#
86 61.3 49.4 74.0

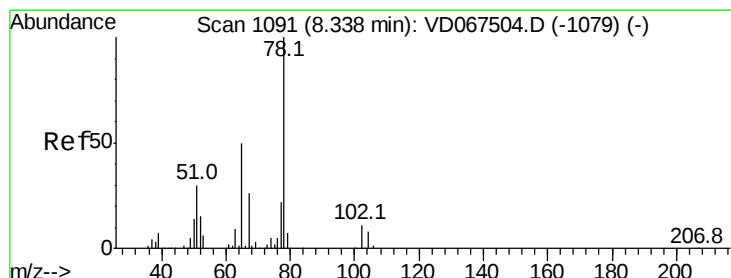
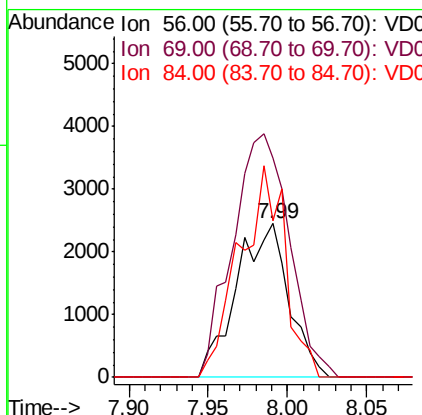
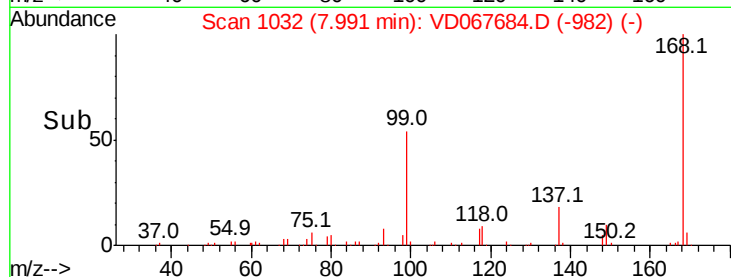
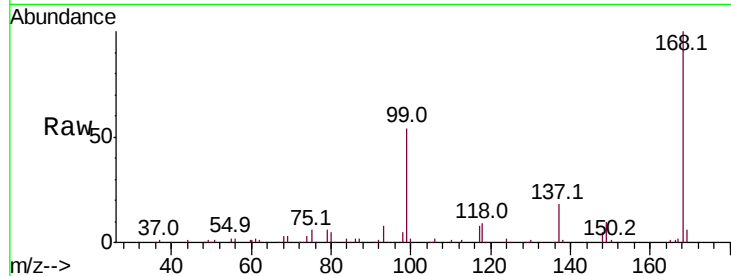




#31
Cyclohexane
Concen: 1.645 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

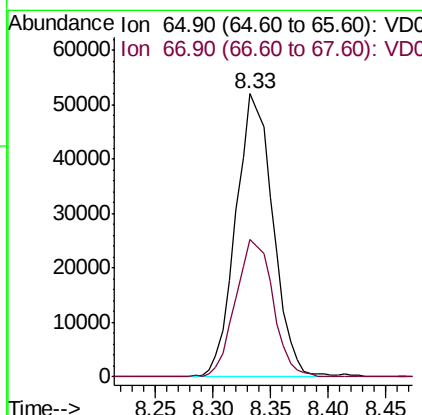
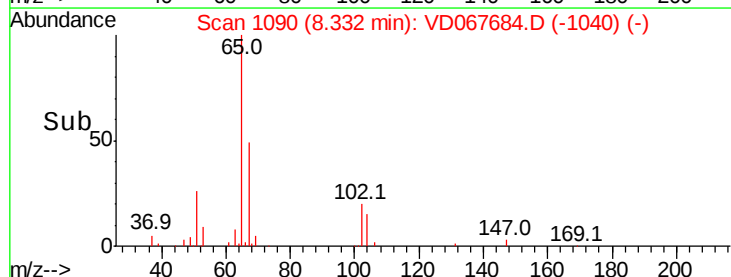
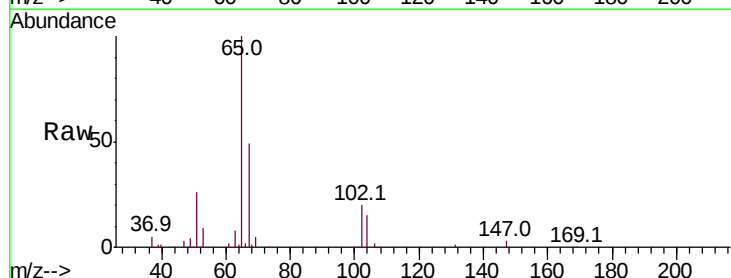
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-04-2-3

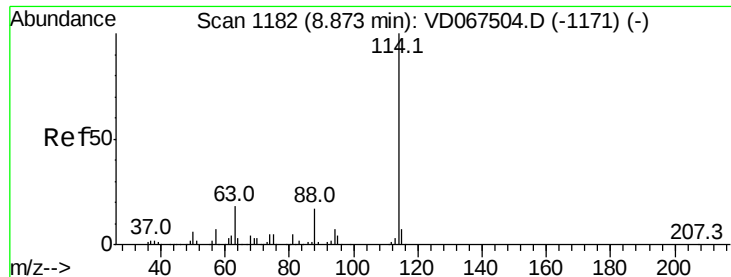
Tot Ion: 56 Resp: 5649
Ion Ratio Lower Upper
56 100
69 143.3 25.9 38.9#
84 101.9 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 49.436 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Tgt Ion: 65 Resp: 117027
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4

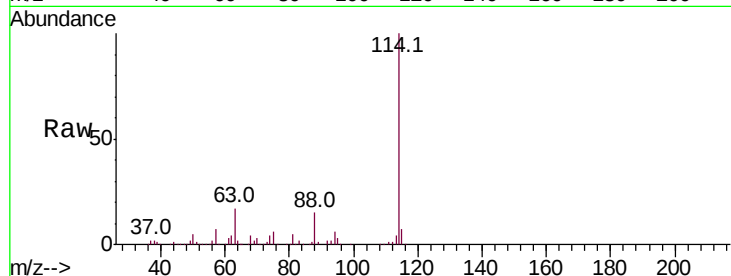




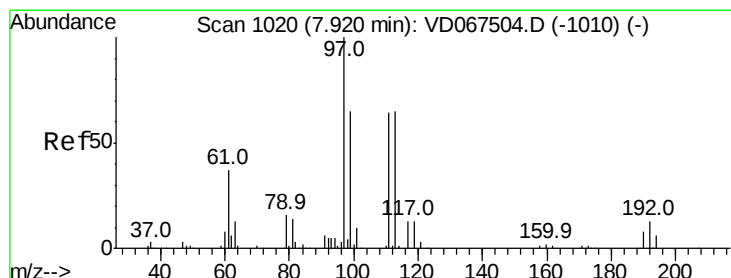
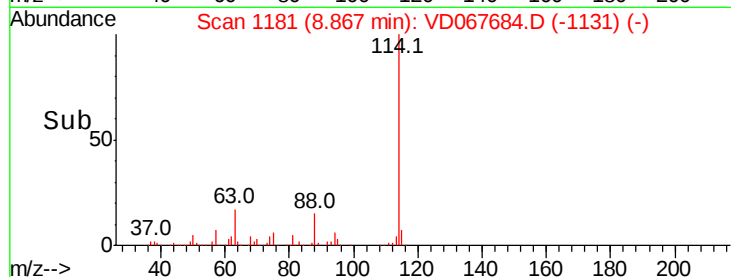
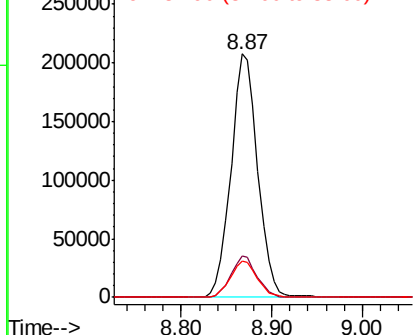
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-04-2-3

Tot Ion:114 Resp: 426345
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.9 0.0 33.0

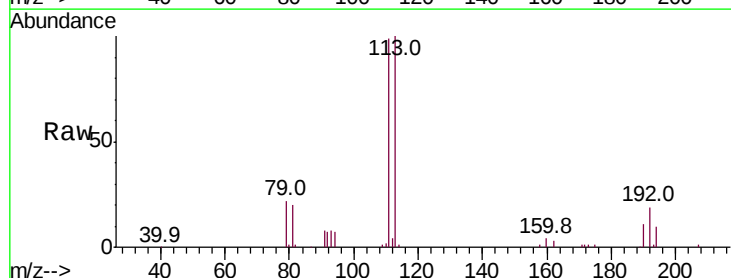


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

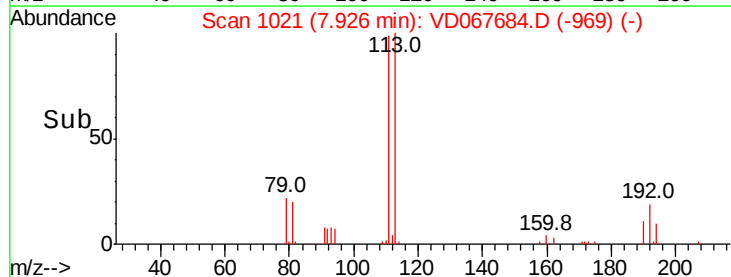
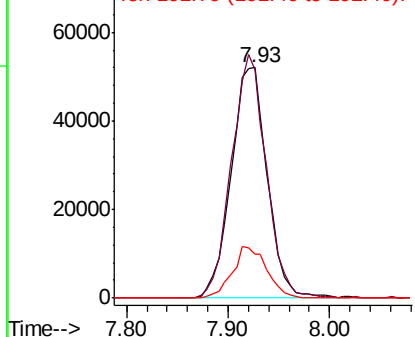


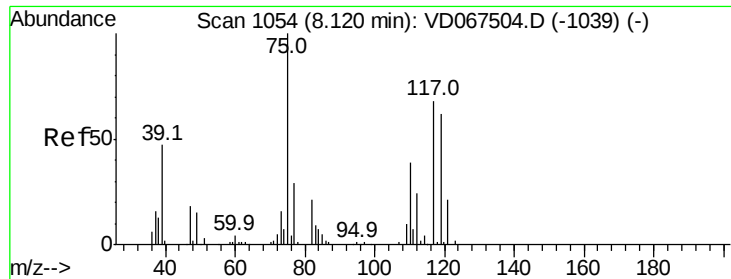
#35
Dibromofluoromethane
Concen: 50.004 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Tgt Ion:113 Resp: 128445
Ion Ratio Lower Upper
113 100
111 101.5 80.0 120.0
192 21.2 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

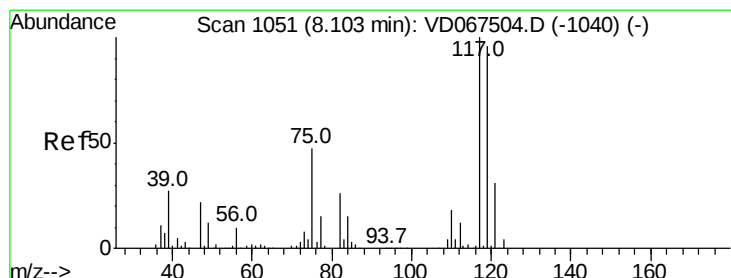
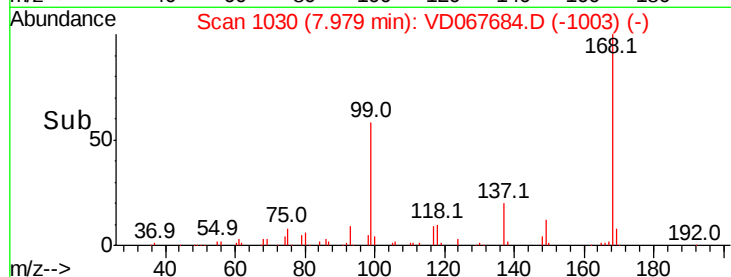
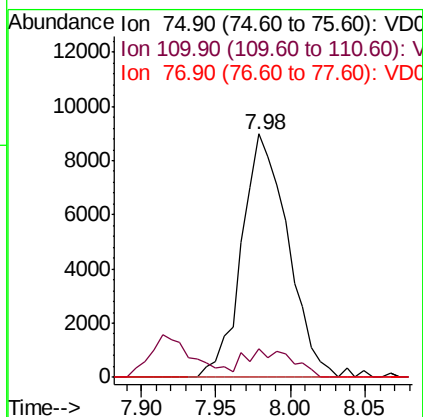
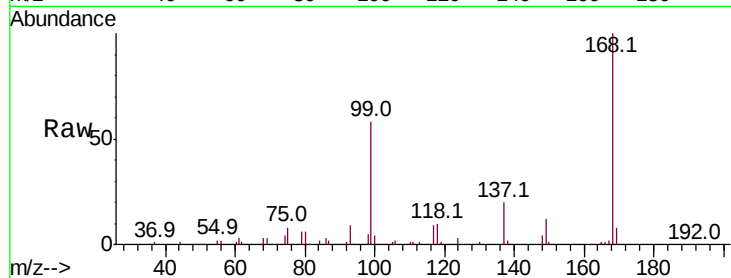




#36
 1,1-Dichloropropene
 Concen: 5.273 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067684.D
 Acq: 18 Nov 2020 14:30

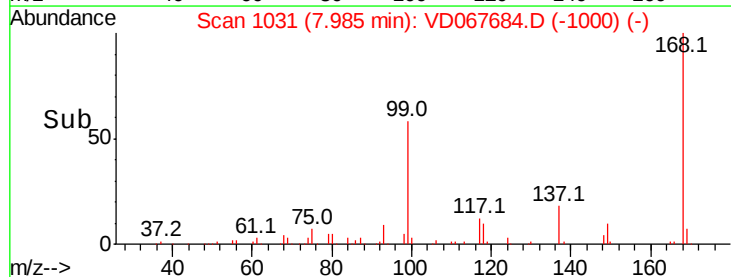
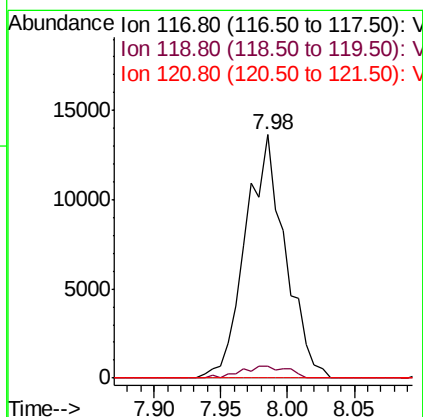
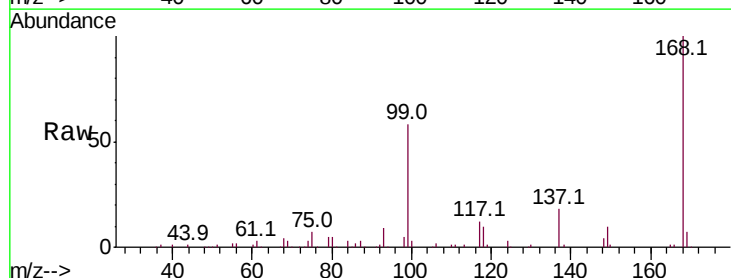
Instrument :
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 ClientSampleId :
 FJ-BH-04-2-3

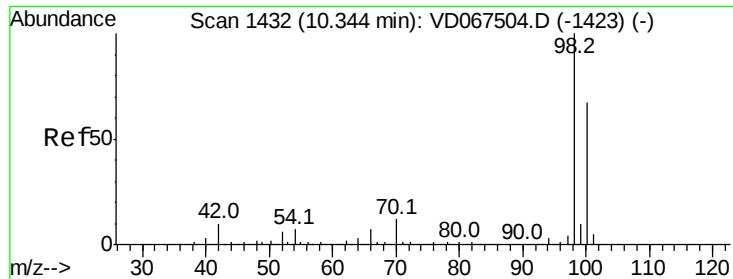
Tot Ion: 75 Resp: 19243
 Ion Ratio Lower Upper
 75 100
 110 11.7 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.915 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067684.D
 Acq: 18 Nov 2020 14:30

Tgt Ion: 117 Resp: 28047
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.9 115.3#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 53.716 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

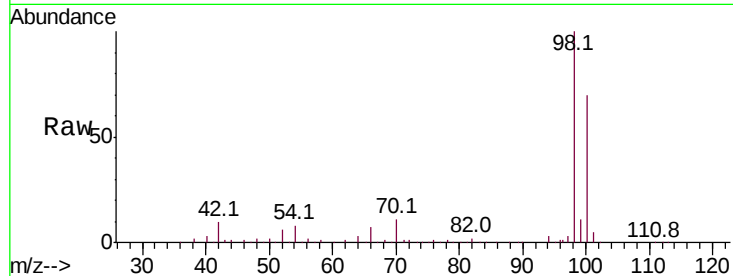
FJ-BH-04-2-3

Tot Ion: 98 Resp: 484903

Ion Ratio Lower Upper

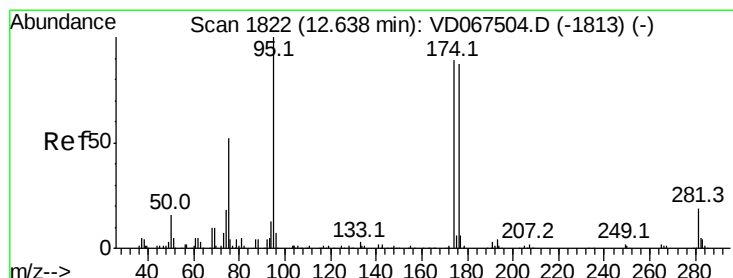
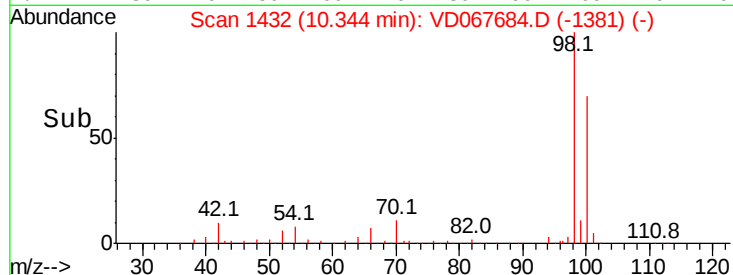
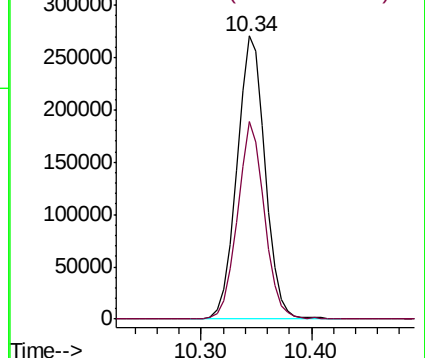
98 100

100 66.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.565 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

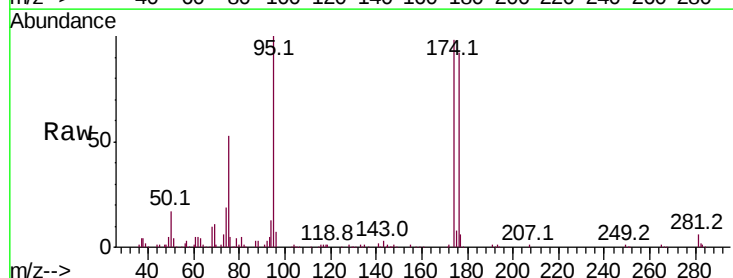
Tgt Ion: 95 Resp: 173173

Ion Ratio Lower Upper

95 100

174 94.3 0.0 177.8

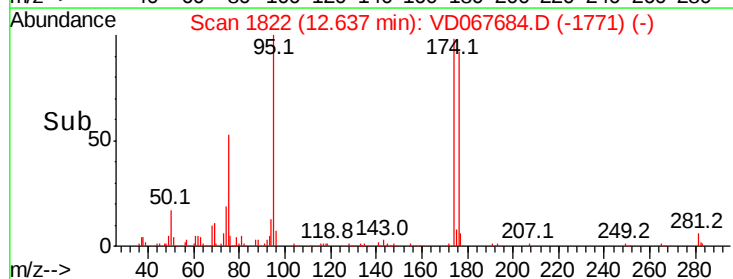
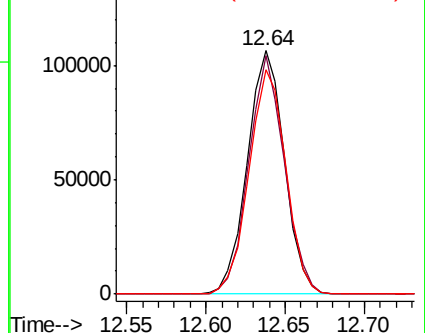
176 91.6 0.0 172.0

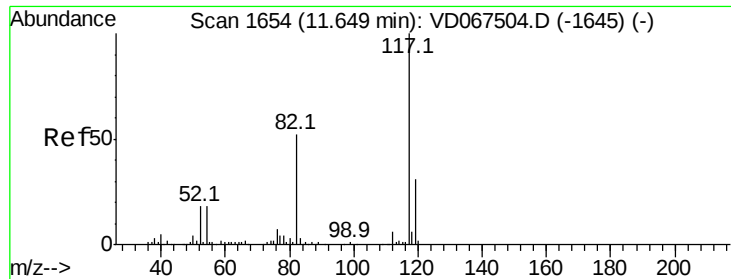


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

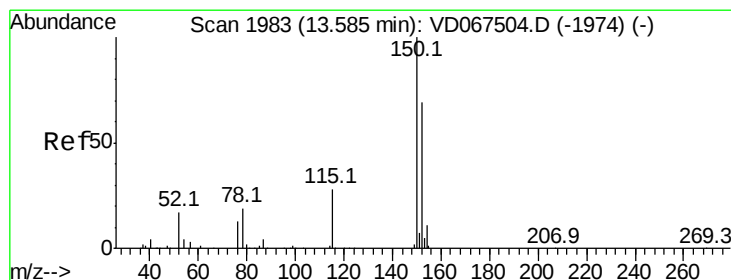
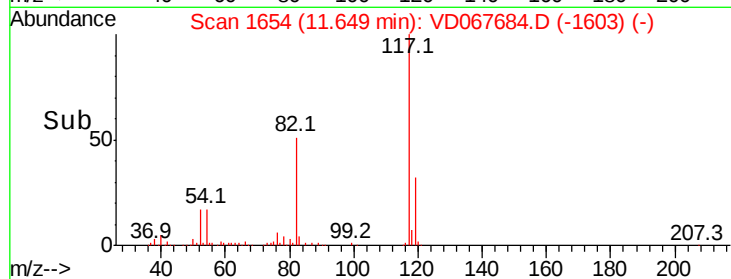
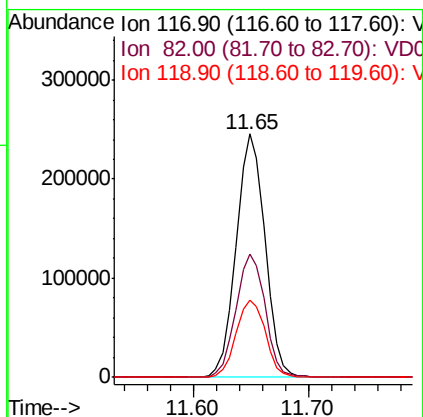
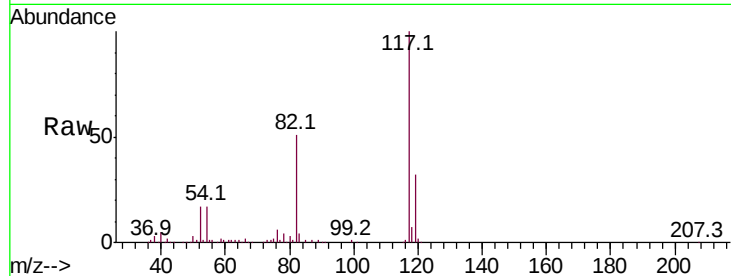




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

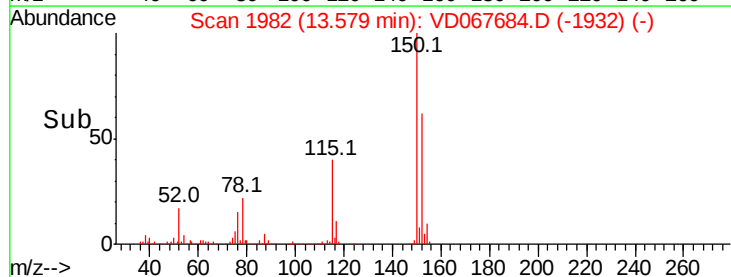
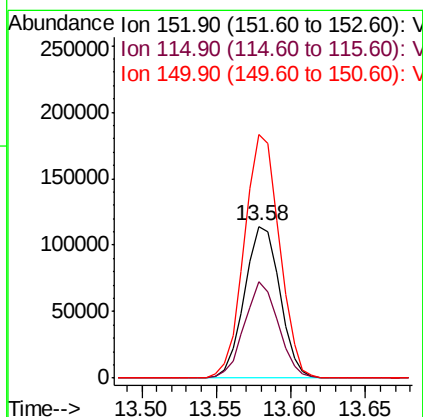
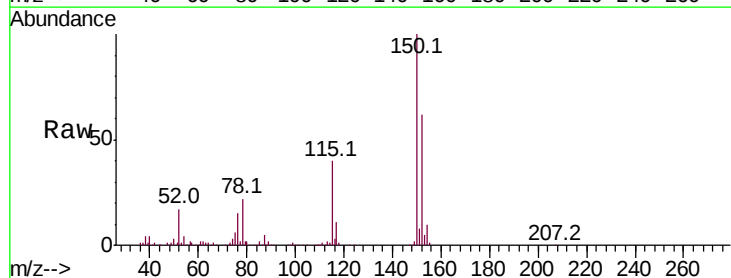
Instrument :
MSVOA_D
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FJ-BH-04-2-3

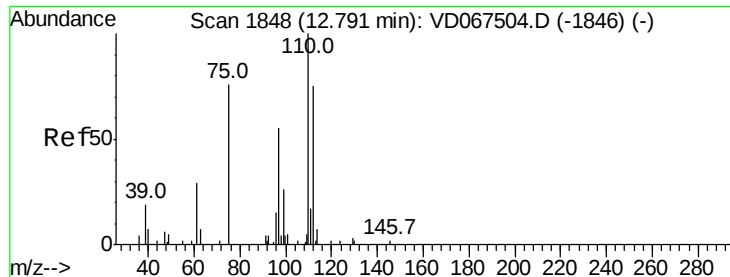
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.6	62.4
119	31.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067684.D
Acq: 18 Nov 2020 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.3	88.0
150	159.1	0.0	338.2





#76

1,2,3-Trichloropropane

Concen: 82.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

Instrument :

MSVOA_D

ClientSampleId :

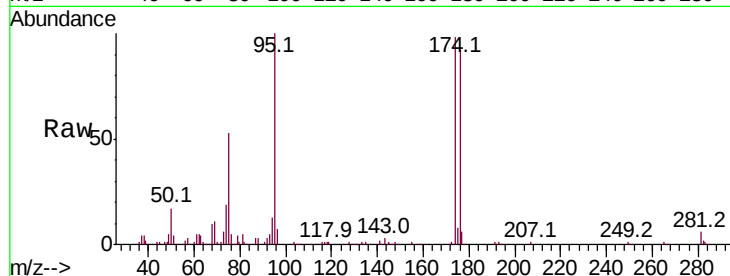
FJ-BH-04-2-3

Tot Ion: 75 Resp: 92800

Ion Ratio Lower Upper

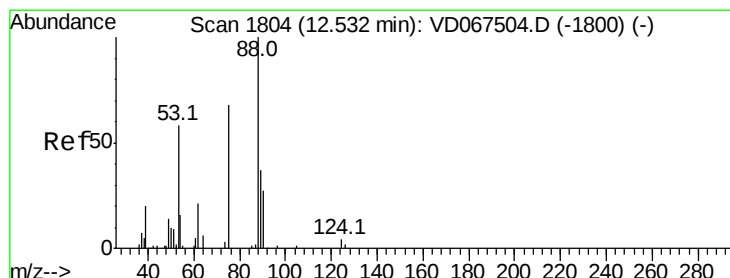
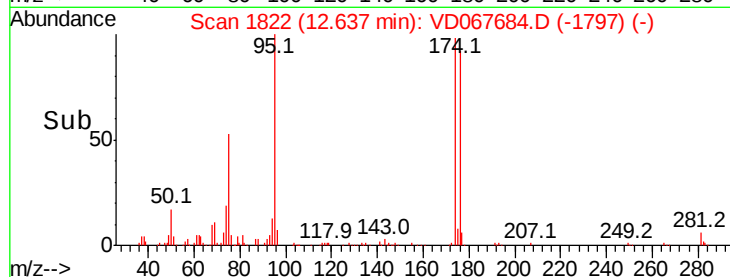
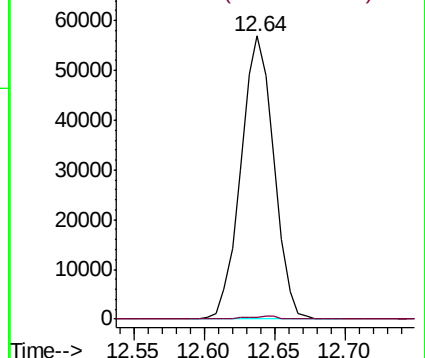
75 100

77 1.0 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: 166.513 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067684.D

Acq: 18 Nov 2020 14:30

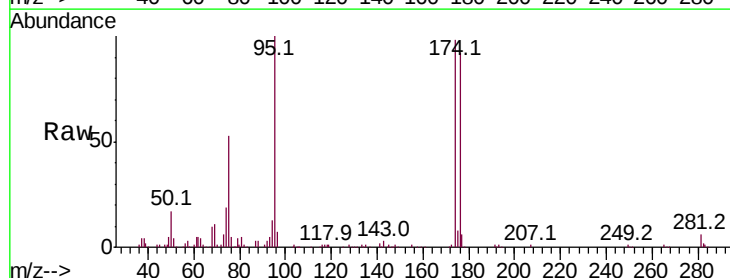
Tgt Ion: 75 Resp: 92800

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.1 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

