

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067681.D
 Acq On : 18 Nov 2020 13:08
 Operator : VA/SY
 Sample : L4770-16
 Misc : 4.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-2-3

Quant Time: Nov 19 00:26:42 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

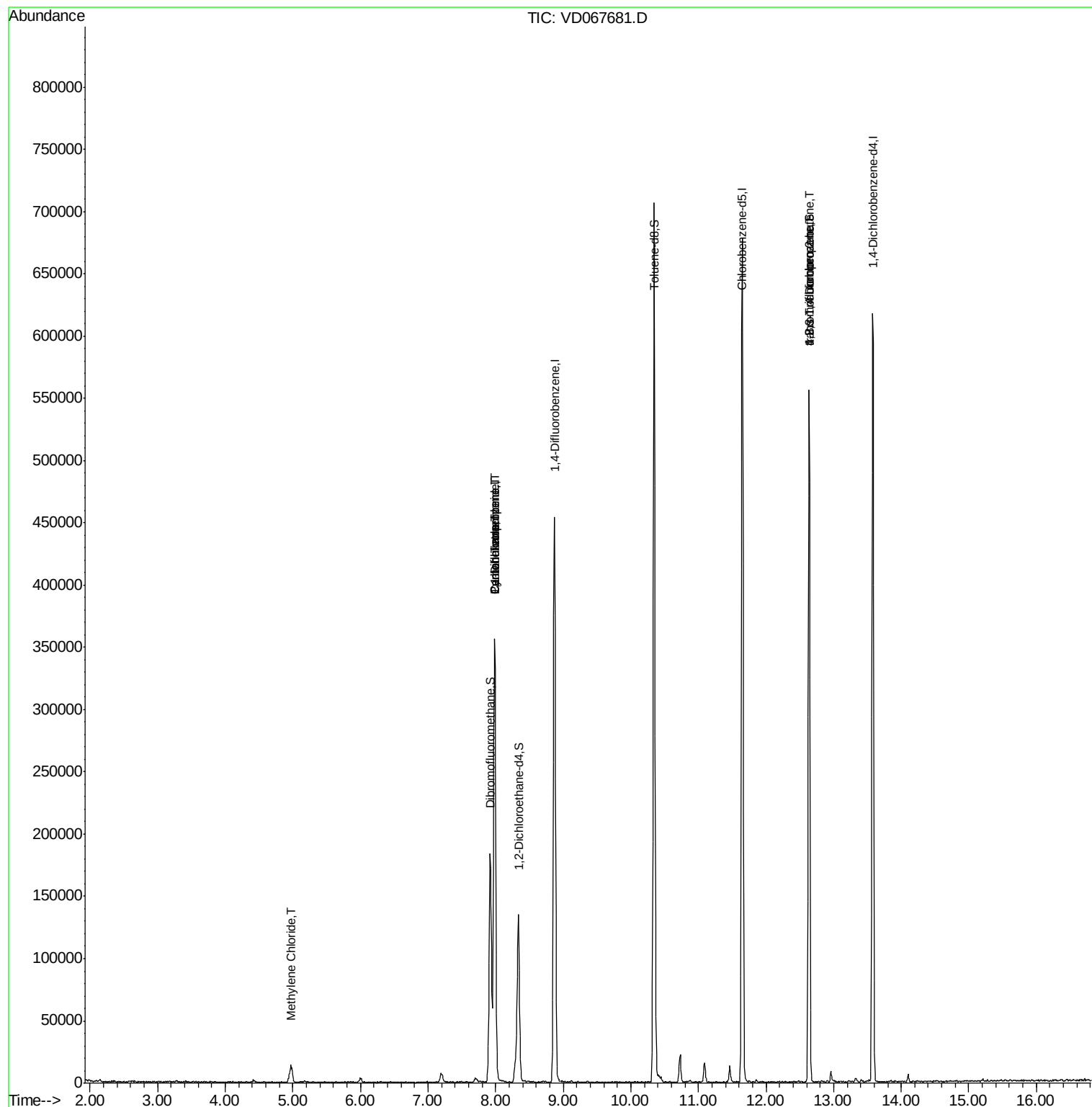
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	271982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	423716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117908	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.92	113	128261	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.34	98	489337	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	169554	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
Target Compounds						
2) Dichlorodifluoromethane	2.00	85	478	Below Cal	#	44
11) Tert butyl alcohol	5.22	59	271	Below Cal	#	79
20) Methylene Chloride	4.97	84	11638	4.629	ug/l #	95
31) Cyclohexane	7.99	56	5212	1.511	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	18578	5.199	ug/l #	50
38) Carbon Tetrachloride	7.99	117	28942	6.233	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	90127	85.802	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	90127	174.201	ug/l #	10

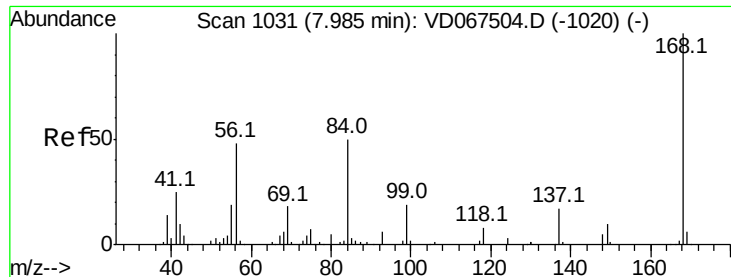
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
Data File : VD067681.D
Acq On : 18 Nov 2020 13:08
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ALS Vial : 9 Sample Multiplier: 1

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FJ-BH-03-2-3

Quant Time: Nov 19 00:26:42 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: VD067681.D

Acq: 18 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

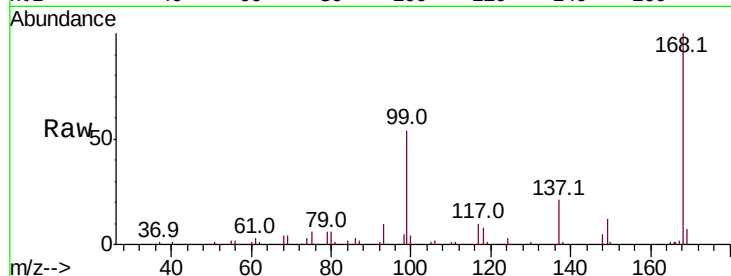
FJ-BH-03-2-3

Tot Ion:168 Resp: 271982

Ion Ratio Lower Upper

168 100

99 53.7 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

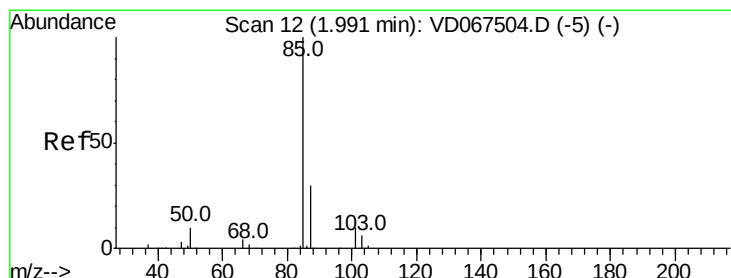
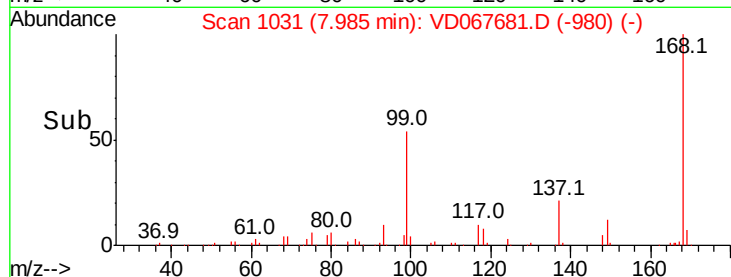
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067681.D

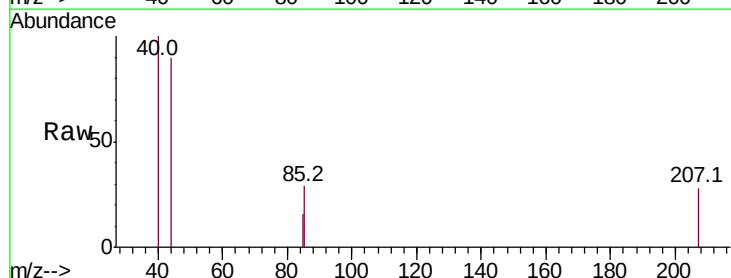
Acq: 18 Nov 2020 13:08

Tgt Ion: 85 Resp: 478

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

2.00

500

400

300

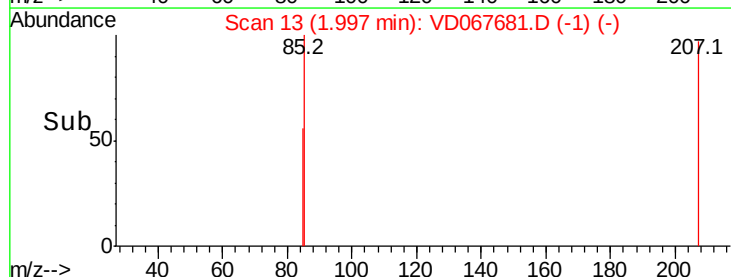
200

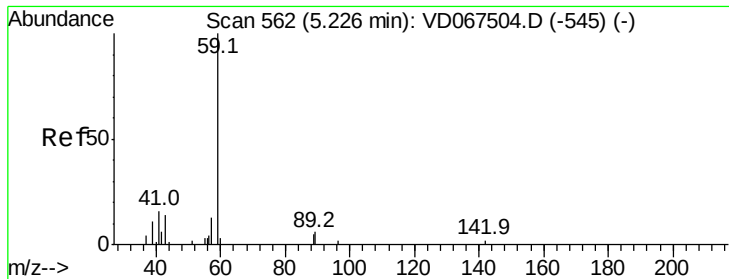
100

0

Time-->

1.96 1.98 2.00 2.02



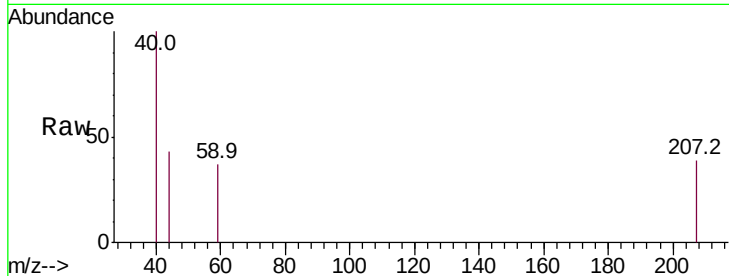


#11

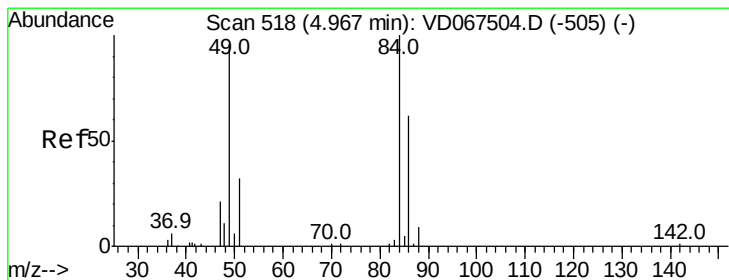
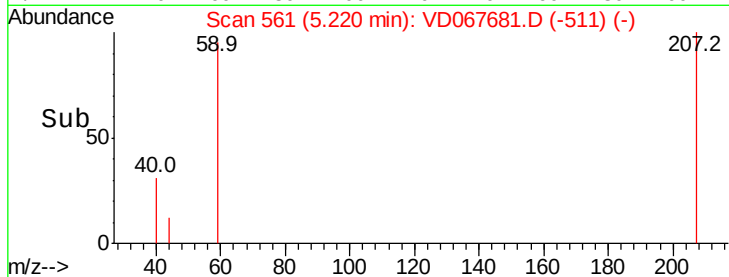
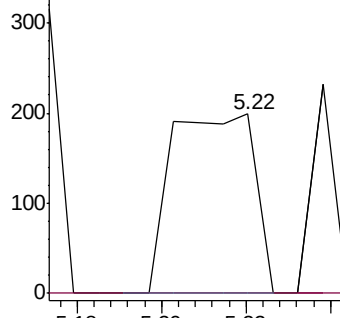
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-03-2-3

Tot Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



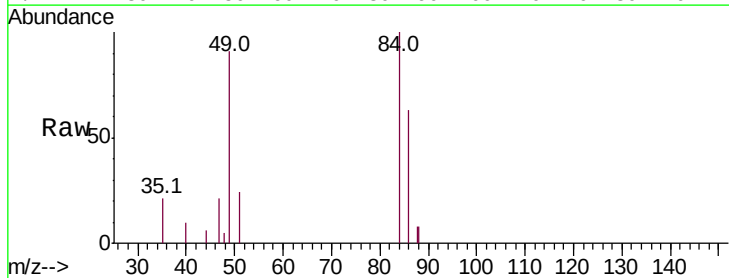
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



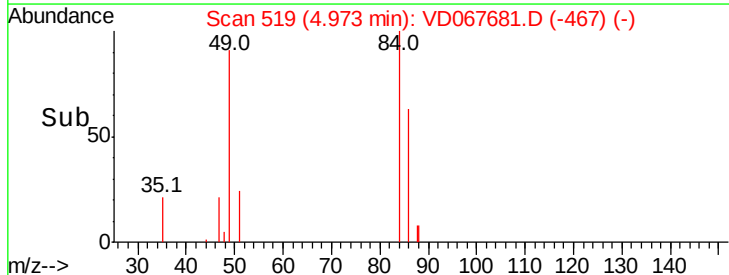
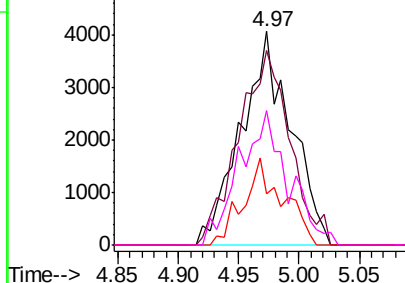
#20

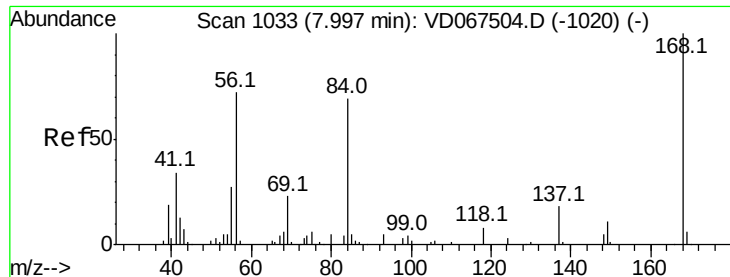
Methylene Chloride
Concen: 4.629 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

Tgt Ion: 84 Resp: 11638
Ion Ratio Lower Upper
84 100
49 91.3 77.0 115.4
51 23.8 25.4 38.2#
86 63.0 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

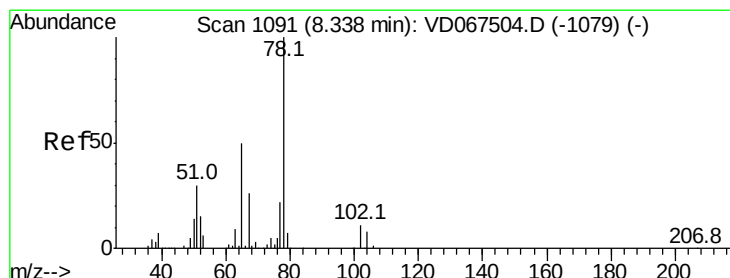
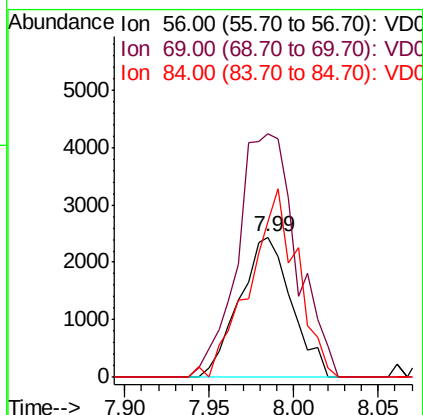
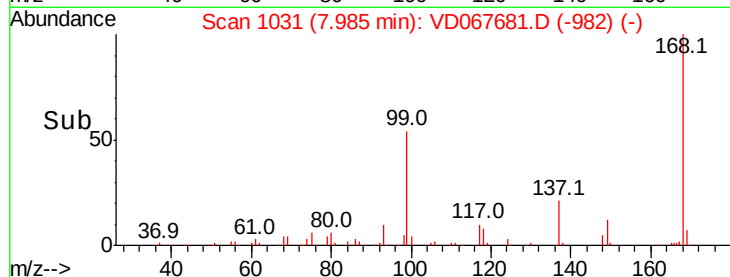
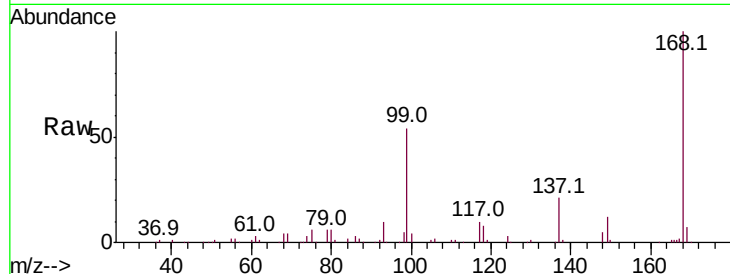




#31
Cyclohexane
Concen: 1.511 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

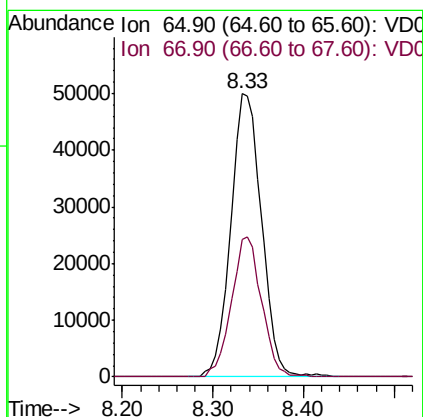
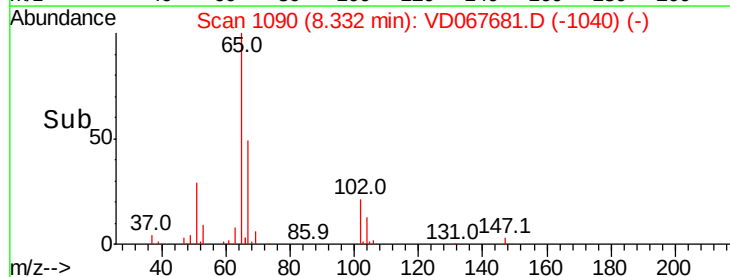
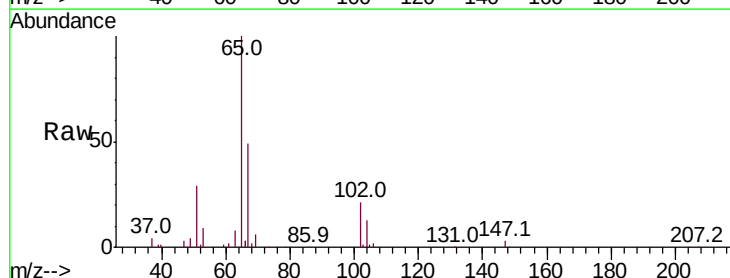
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-03-2-3

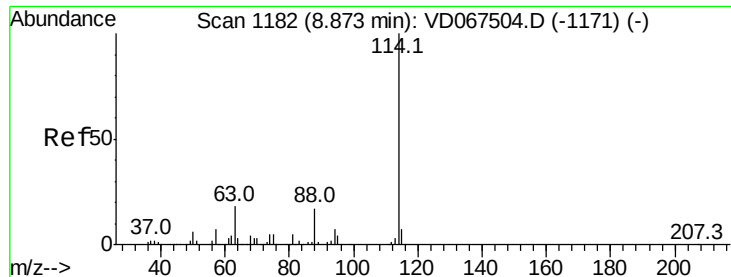
Tot Ion: 56 Resp: 5212
Ion Ratio Lower Upper
56 100
69 173.8 25.9 38.9#
84 111.2 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 49.579 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

Tgt Ion: 65 Resp: 117908
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.4

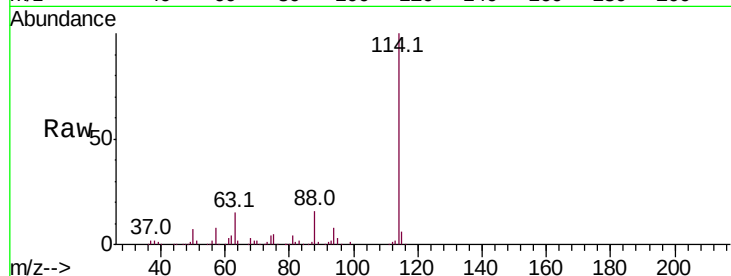




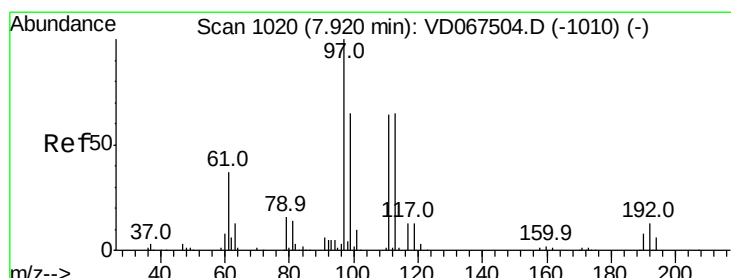
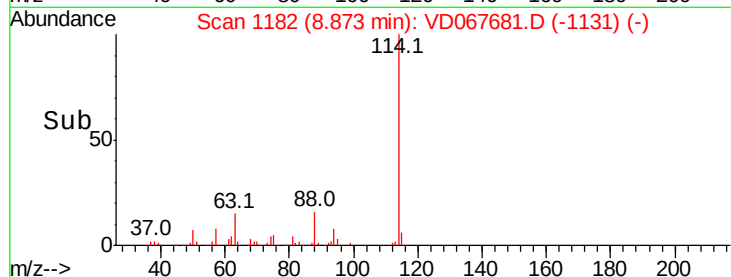
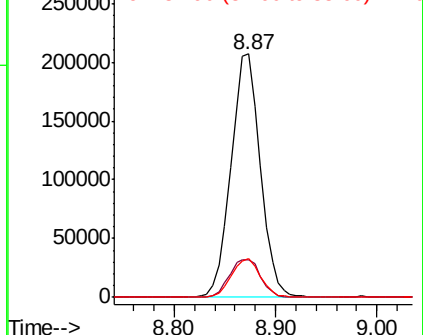
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067681.D
 Acq: 18 Nov 2020 13:08

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-2-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	35.0
88	16.2	0.0	33.0

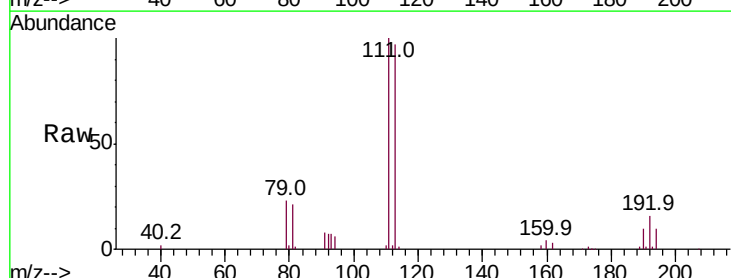


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

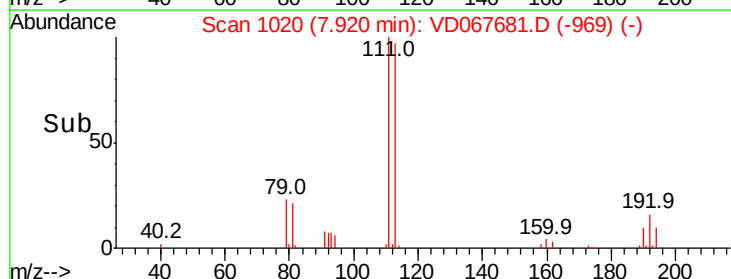
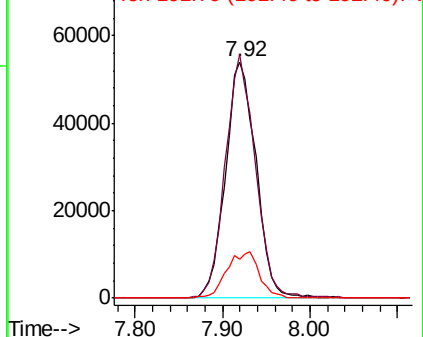


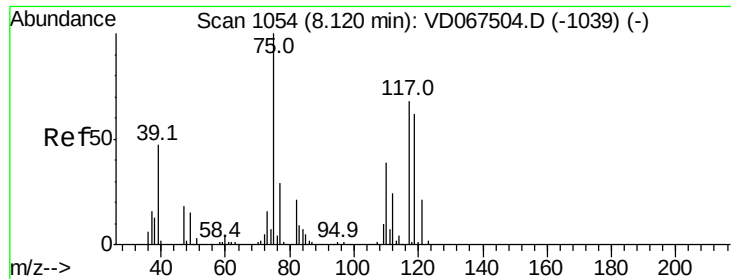
#35
 Dibromofluoromethane
 Concen: 50.992 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067681.D
 Acq: 18 Nov 2020 13:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.0	120.0
192	20.7	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: 5.199 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067681.D

Acq: 18 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-03-2-3

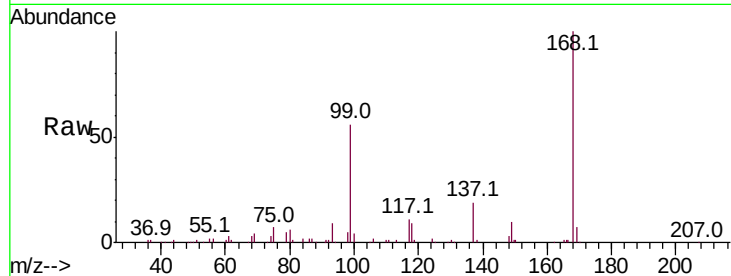
Tot Ion: 75 Resp: 18578

Ion Ratio Lower Upper

75 100

110 12.1 19.9 59.7#

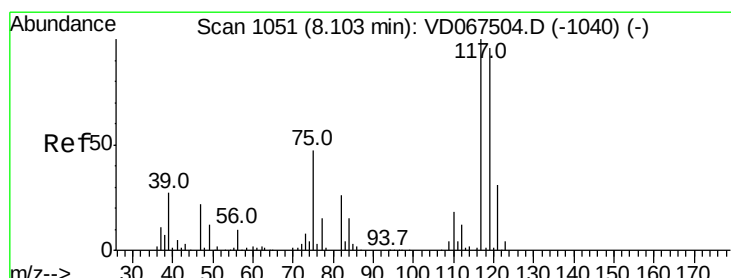
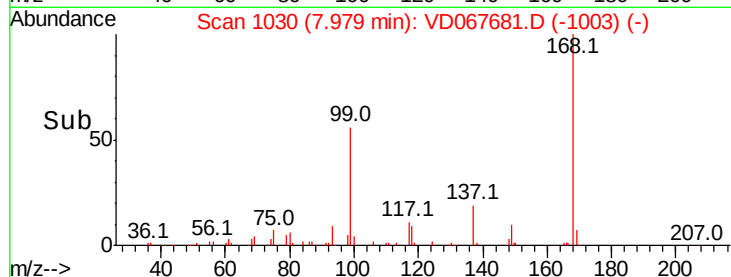
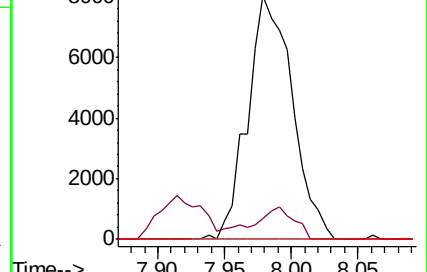
77 0.0 24.8 37.2#



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: 6.233 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067681.D

Acq: 18 Nov 2020 13:08

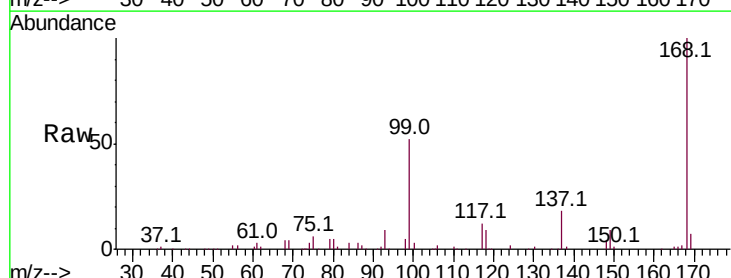
Tgt Ion: 117 Resp: 28942

Ion Ratio Lower Upper

117 100

119 5.2 76.9 115.3#

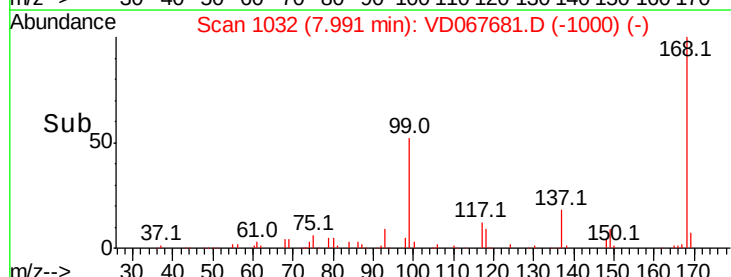
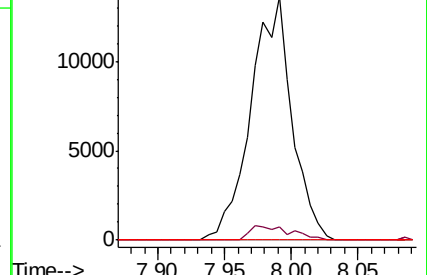
121 0.0 24.5 36.7#

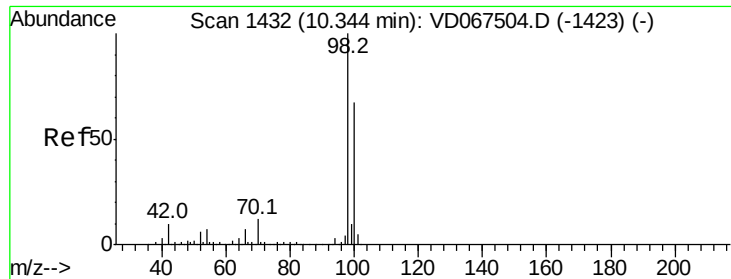


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

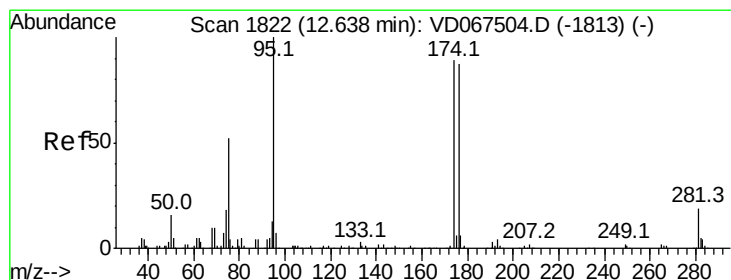
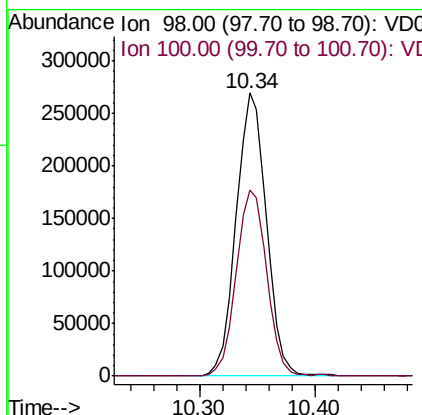
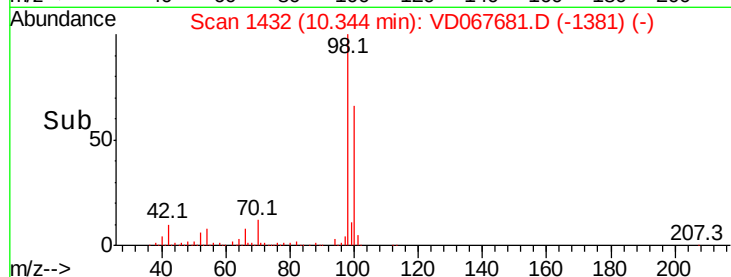
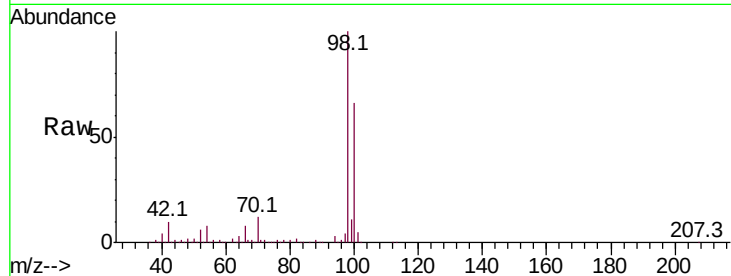




#50
Toluene-d8
Concen: 55.359 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

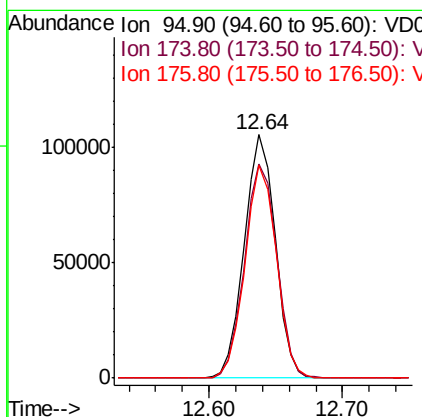
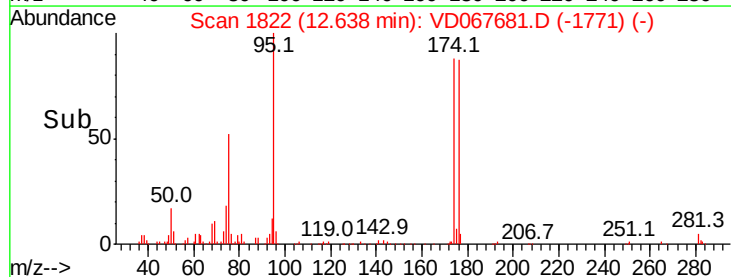
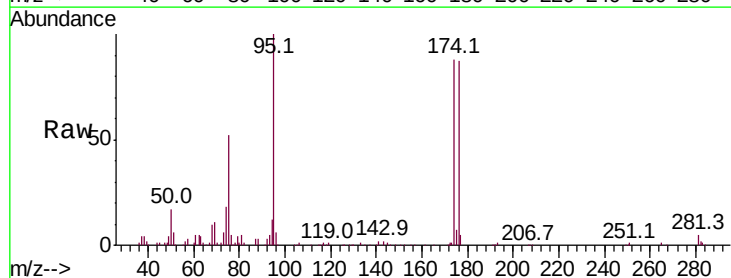
Instrument :
MSVOA_D
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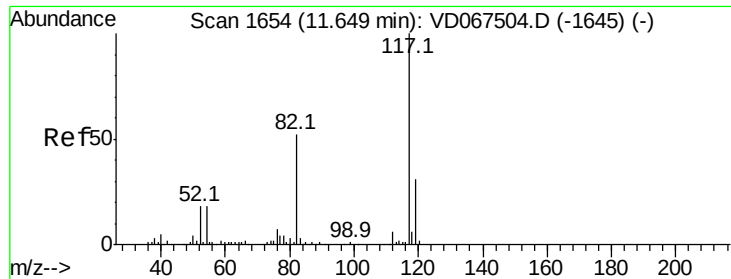
Tot Ion: 98 Resp: 489337
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 55.559 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

Tgt Ion: 95 Resp: 169554
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.8
176 88.3 0.0 172.0

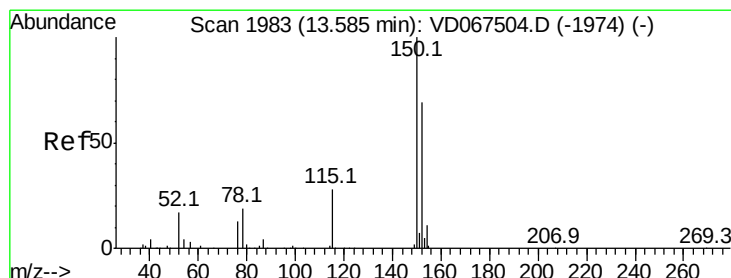
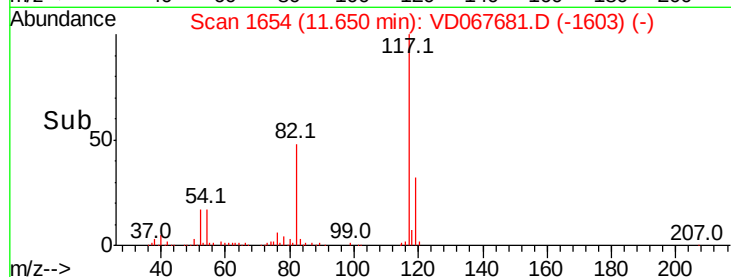
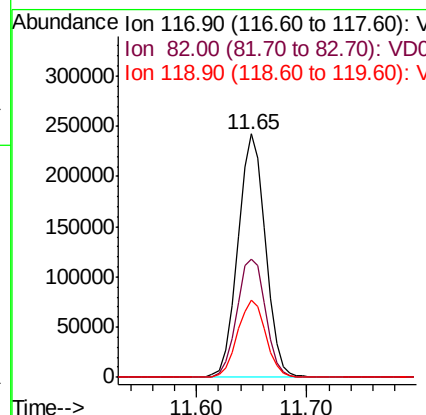
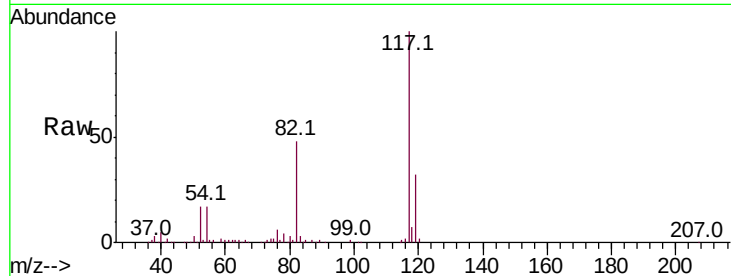




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

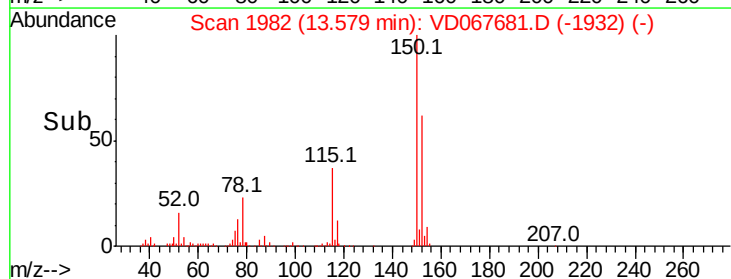
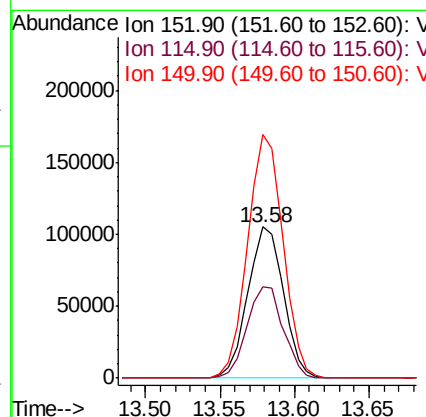
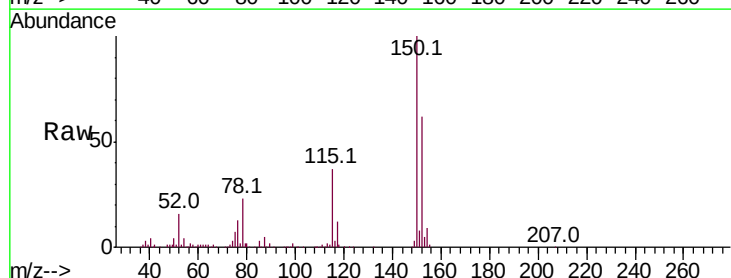
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-03-2-3

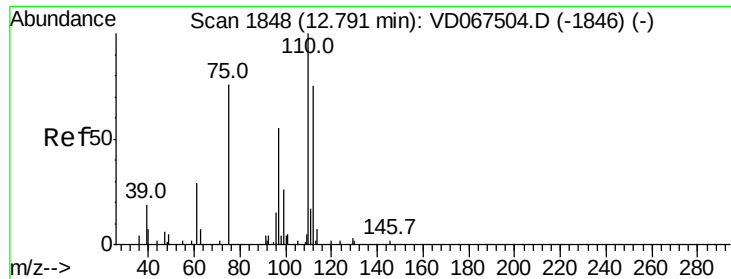
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.4	41.6	62.4
119	31.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067681.D
Acq: 18 Nov 2020 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.3	88.0
150	159.5	0.0	338.2

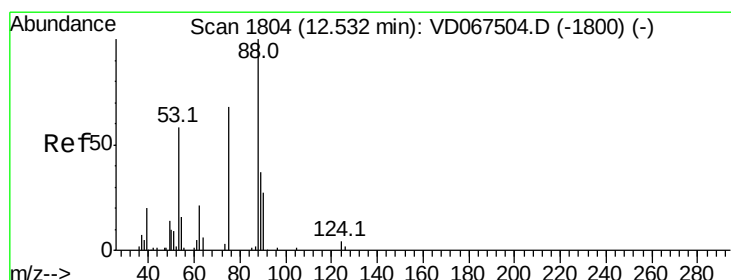
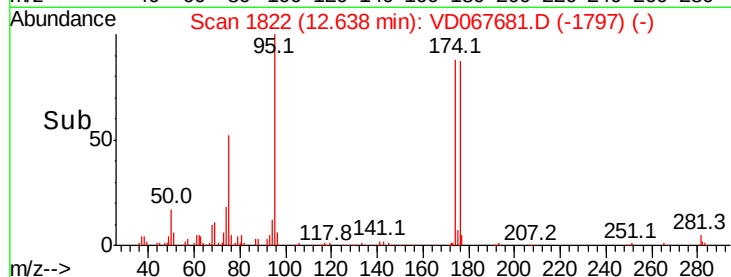
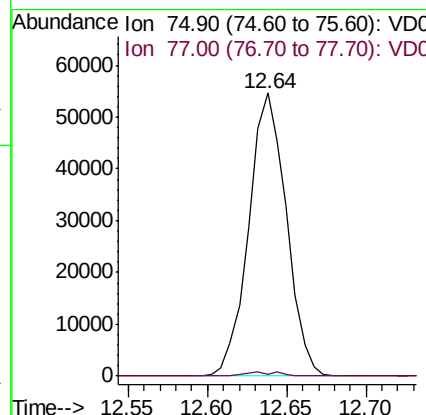
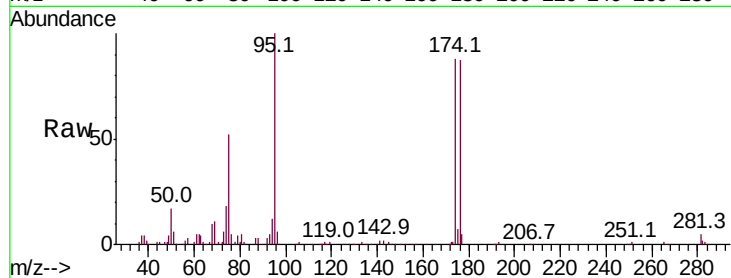




#76
 1,2,3-Trichloropropane
 Concen: 85.802 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067681.D
 Acq: 18 Nov 2020 13:08

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-2-3

Tot Ion: 75 Resp: 90127
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 174.201 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067681.D
 Acq: 18 Nov 2020 13:08

Tgt Ion: 75 Resp: 90127
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.9 113.9#
 89 0.0 44.6 67.0#

