

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067869.D
 Acq On : 03 Dec 2020 15:50
 Operator : VA/SY
 Sample : L4910-07
 Misc : 4.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B47-113020-12-12.75

Quant Time: Dec 04 01:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	235281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	329232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	258771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	82336	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114998	45.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.06%
35) Dibromofluoromethane	7.92	113	100617	45.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.34%
50) Toluene-d8	10.34	98	361907	45.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.26%
62) 4-Bromofluorobenzene	12.64	95	88733	32.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.72%

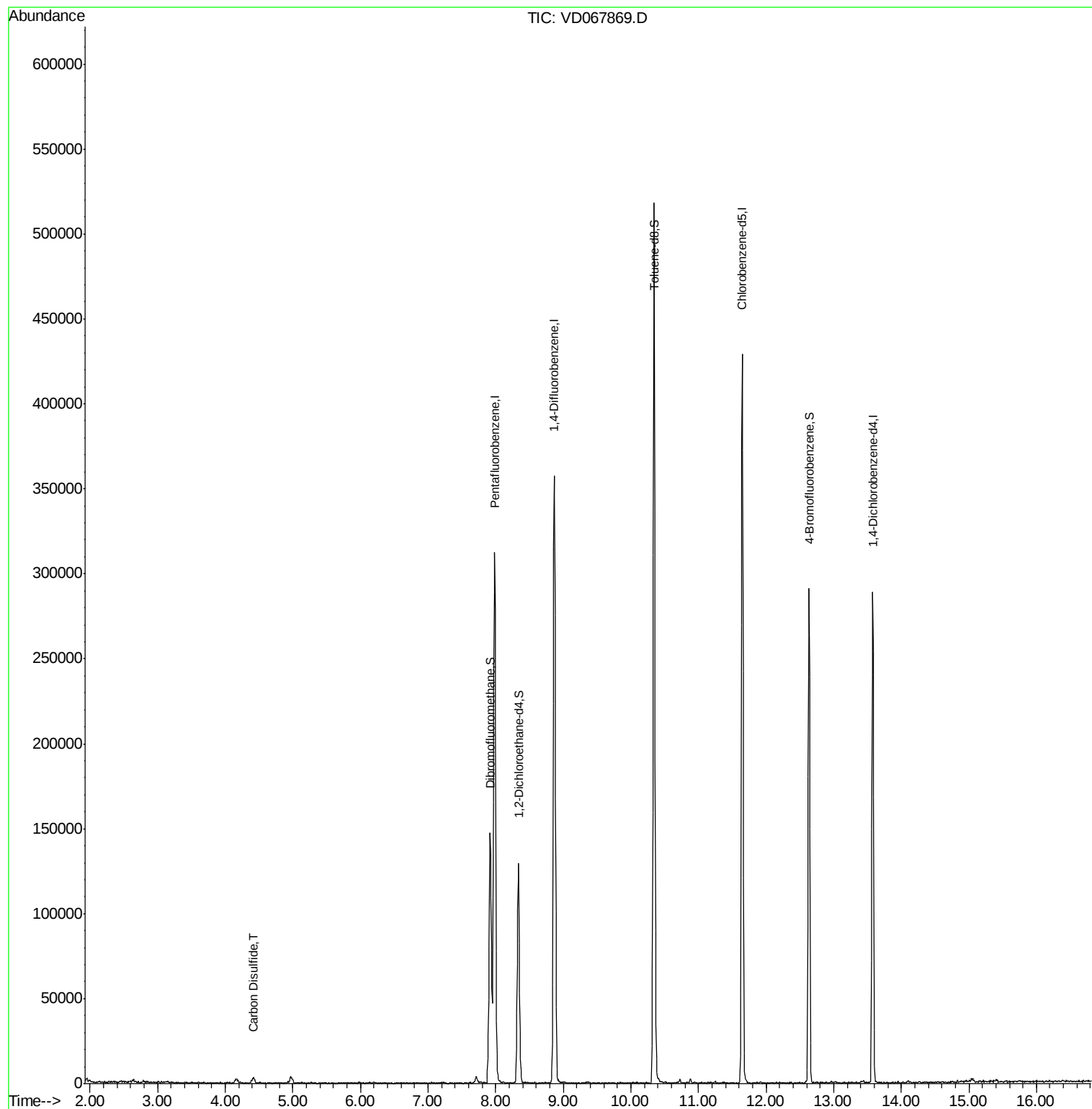
Target Compounds					Qvalue
17) Carbon Disulfide	4.42	76	6914	1.270 ug/l #	83

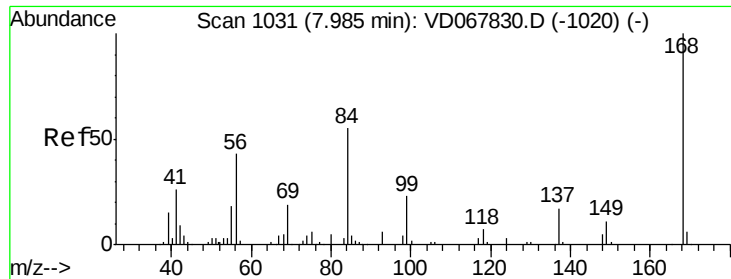
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067869.D

Acq: 03 Dec 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

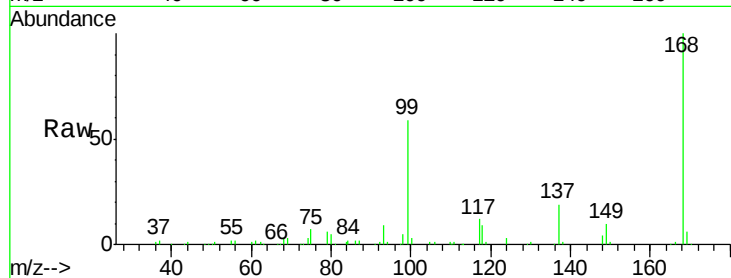
PAV-B47-113020-12-12.75

Tot Ion:168 Resp: 235281

Ion Ratio Lower Upper

168 100

99 59.3 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

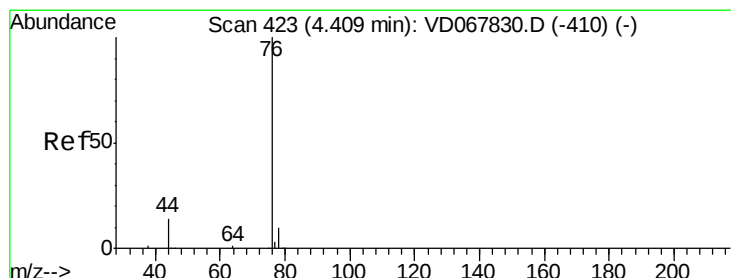
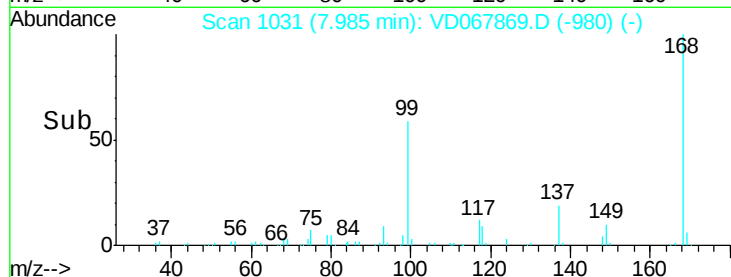
40000

20000

0

Time-->

7.90 8.00 8.10



#17

Carbon Disulfide

Concen: 1.270 ug/l

RT: 4.42 min Scan# 425

Delta R.T. 0.01 min

Lab File: VD067869.D

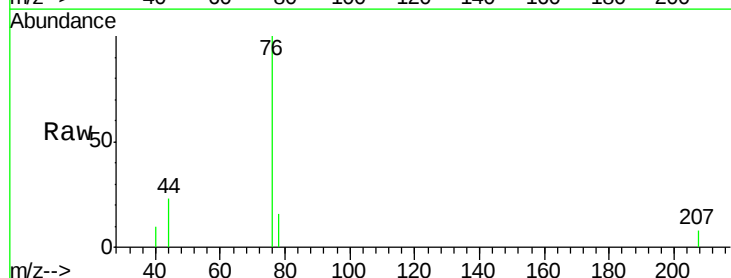
Acq: 03 Dec 2020 15:50

Tgt Ion: 76 Resp: 6914

Ion Ratio Lower Upper

76 100

78 16.1 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.42

3000

2500

2000

1500

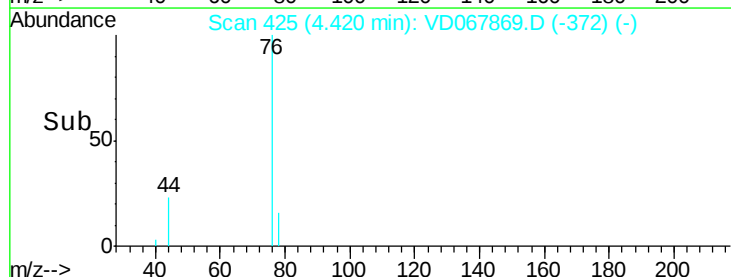
1000

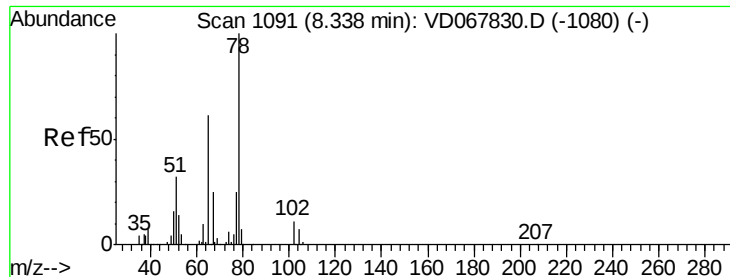
500

0

Time-->

4.35 4.40 4.45 4.50





#33

1,2-Dichloroethane-d4

Concen: 45.529 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067869.D

Acq: 03 Dec 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

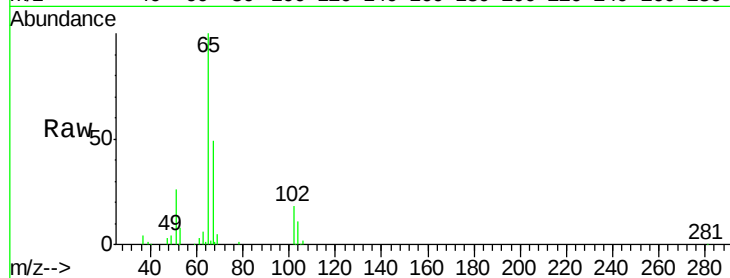
PAV-B47-113020-12-12.75

Tot Ion: 65 Resp: 114998

Ion Ratio Lower Upper

65 100

67 47.2 0.0 92.0



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

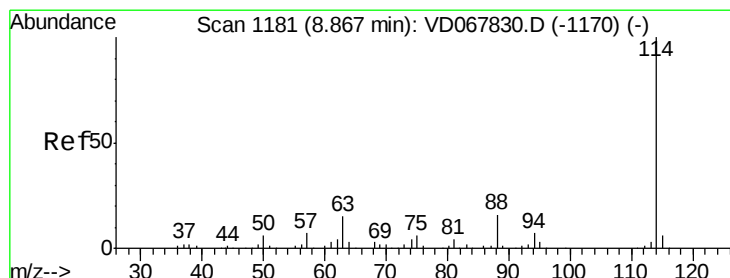
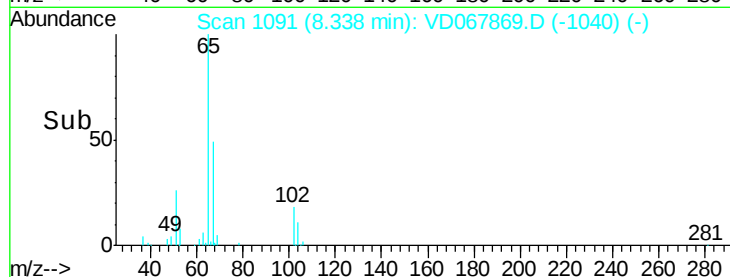
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067869.D

Acq: 03 Dec 2020 15:50

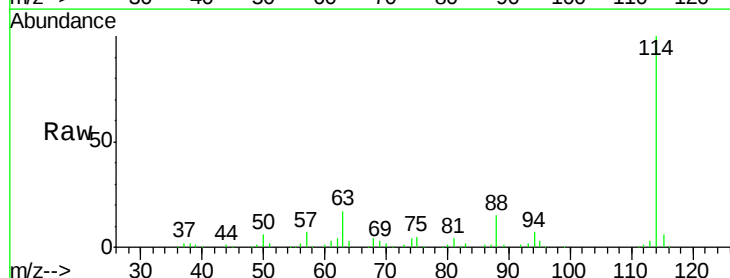
Tgt Ion: 114 Resp: 329232

Ion Ratio Lower Upper

114 100

63 16.5 0.0 30.8

88 15.1 0.0 31.8



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

200000

150000

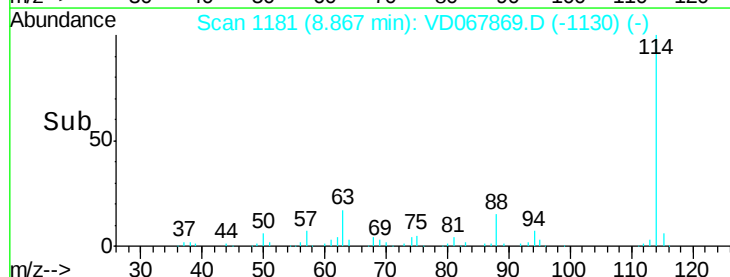
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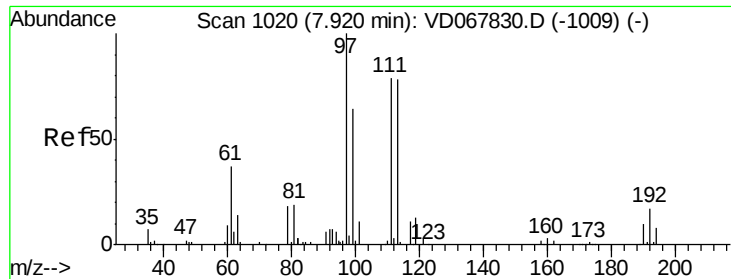
50000

0

8.80 8.90 9.00

Time-->

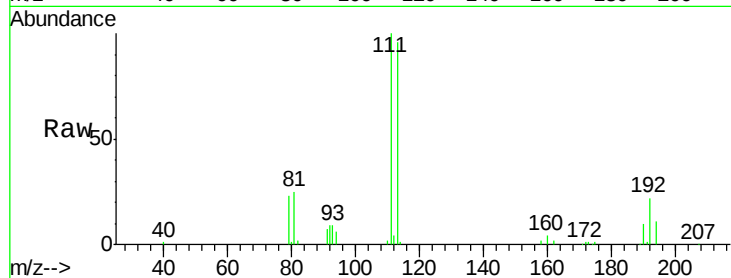




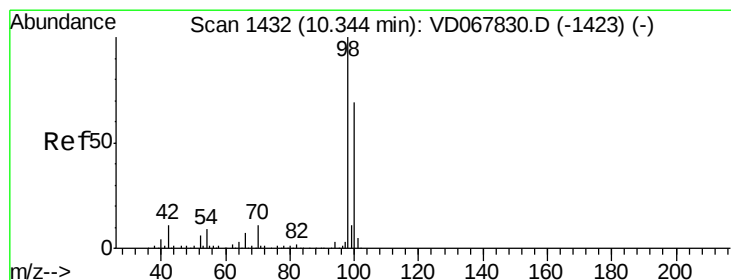
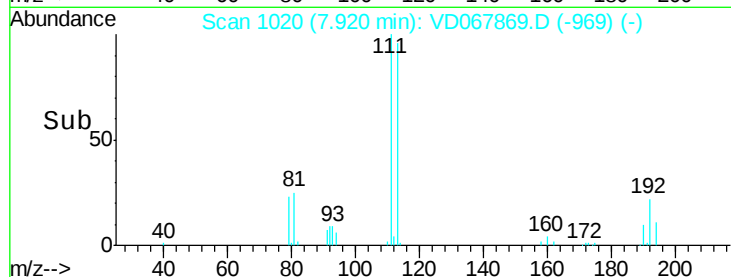
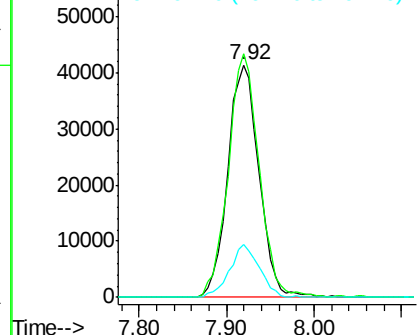
#35
Dibromofluoromethane
Concen: 45.672 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067869.D
Acq: 03 Dec 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :
PAV-B47-113020-12-12.75

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.2	121.8
192	21.5	16.8	25.2

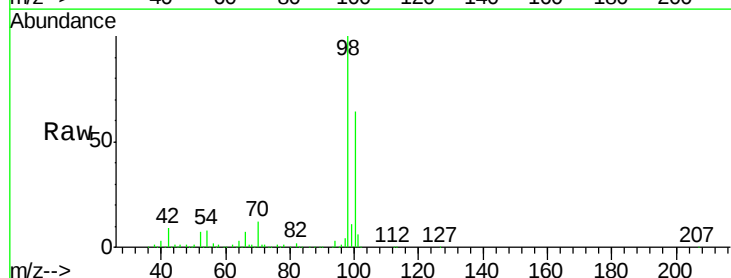


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

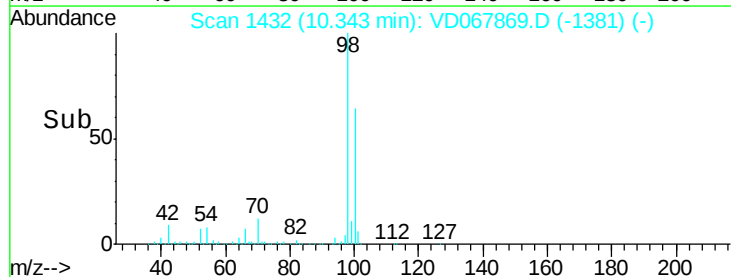
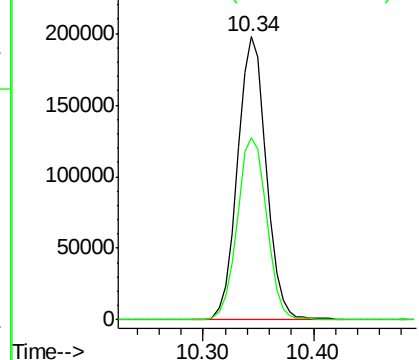


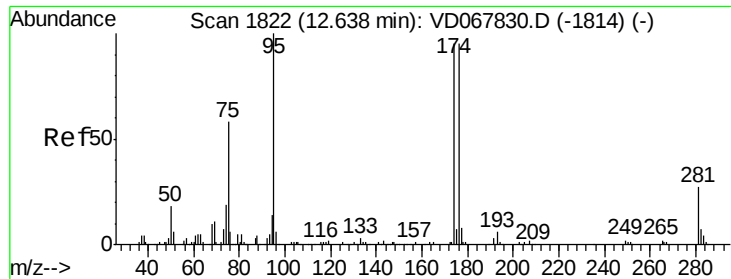
#50
Toluene-d8
Concen: 45.635 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067869.D
Acq: 03 Dec 2020 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

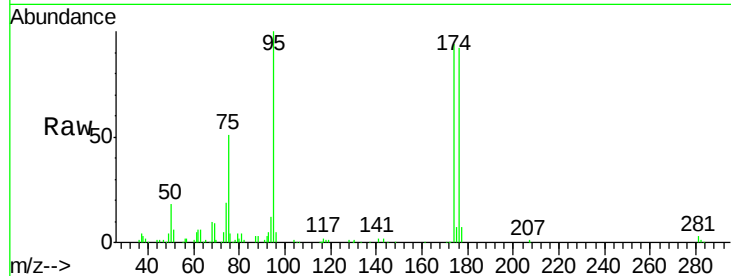




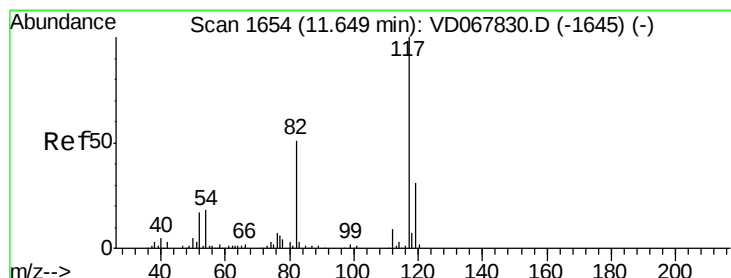
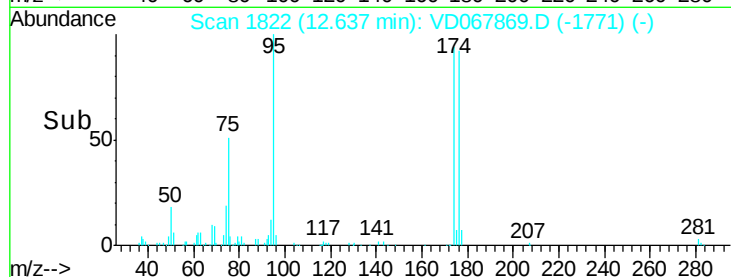
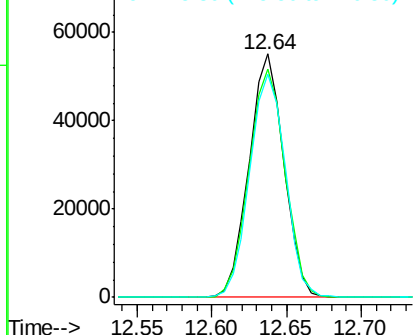
#62
4-Bromofluorobenzene
Concen: 32.363 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067869.D
Acq: 03 Dec 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :
PAV-B47-113020-12-12.75

Tot Ion: 95 Resp: 88733
Ion Ratio Lower Upper
95 100
174 97.2 0.0 186.0
176 93.5 0.0 184.2

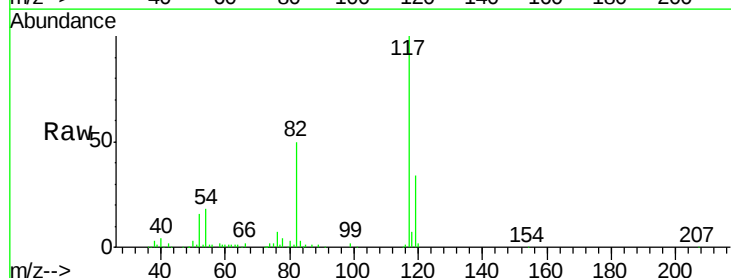


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

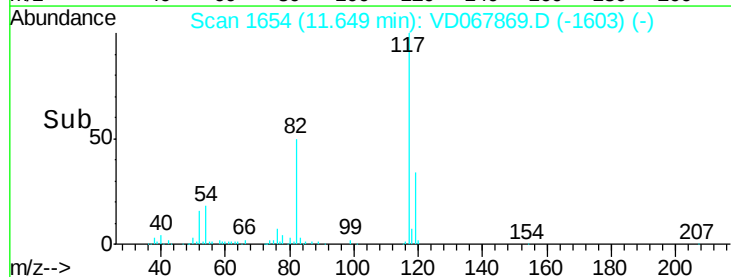
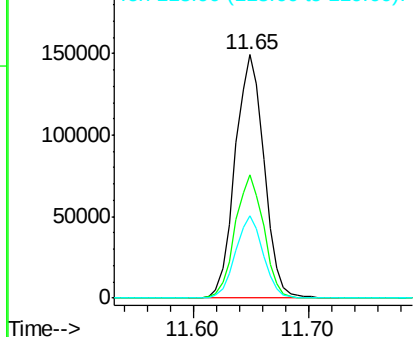


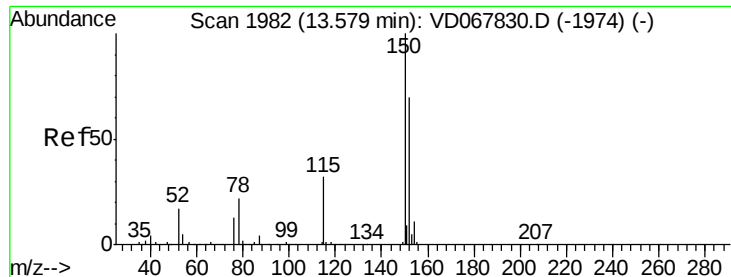
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067869.D
Acq: 03 Dec 2020 15:50

Tgt Ion: 117 Resp: 258771
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 33.7 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067869.D

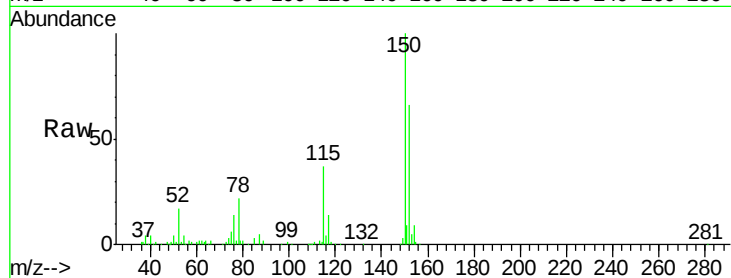
Acq: 03 Dec 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

PAV-B47-113020-12-12.75



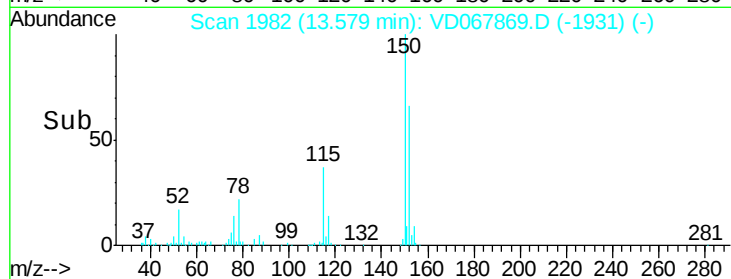
Tot Ion:152 Resp: 82336

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 154.0 0.0 339.0



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

