

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067885.D
 Acq On : 04 Dec 2020 15:04
 Operator : VA/SY
 Sample : L4952-01
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-275

Quant Time: Dec 05 00:30:45 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	240952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	333823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	286838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	114630	44.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.62%
35) Dibromofluoromethane	7.92	113	97233	43.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.06%
50) Toluene-d8	10.34	98	370281	46.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.10%
62) 4-Bromofluorobenzene	12.64	95	116473	41.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.80%

Target Compounds

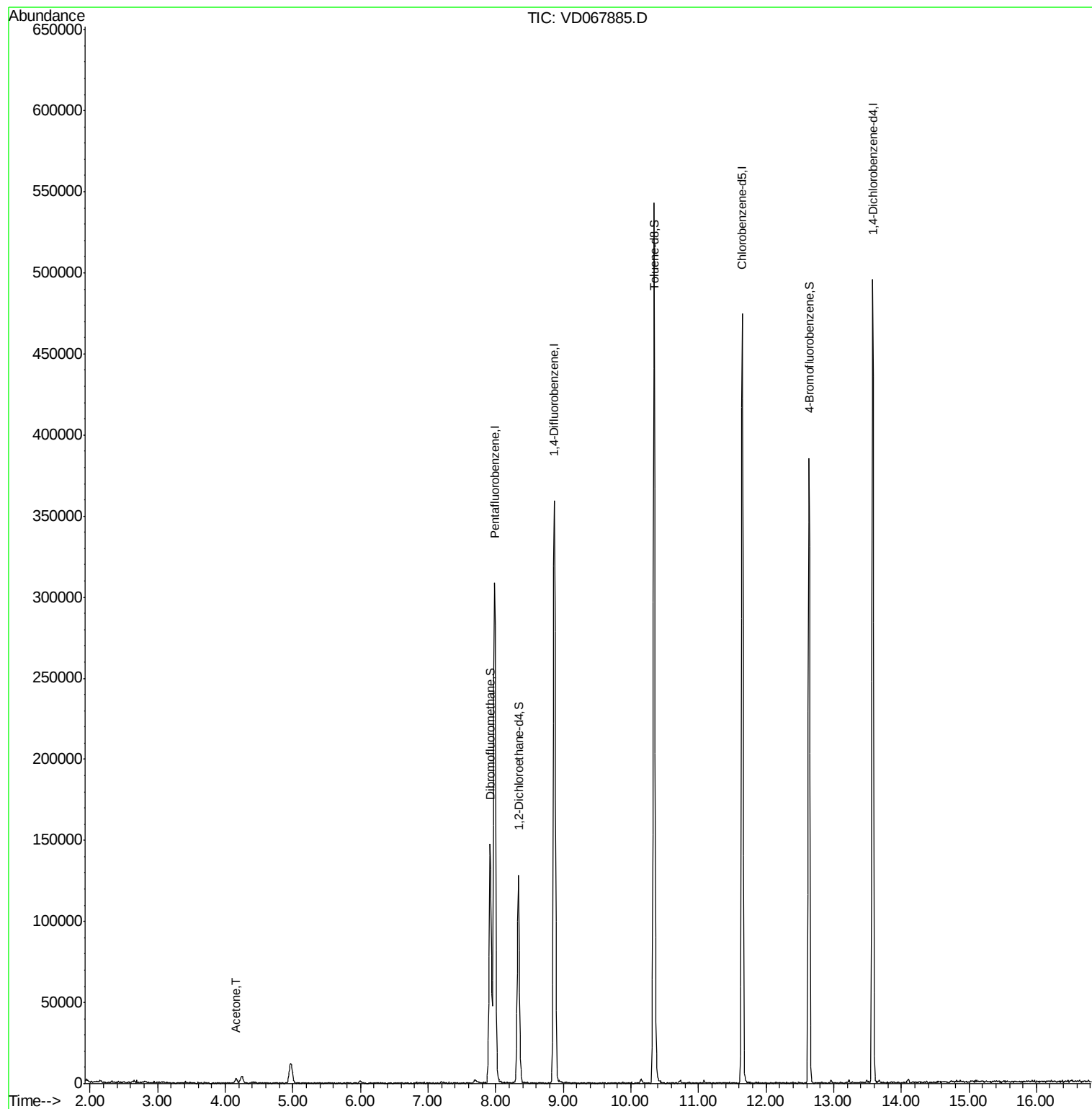
					Qvalue
16) Acetone	4.16	43	4937	15.446	ug/l 96

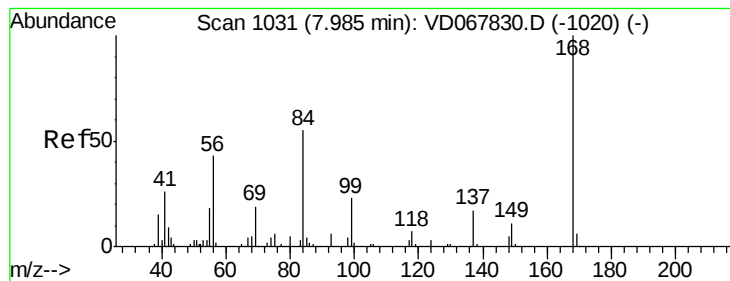
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067885.D

Acq: 04 Dec 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

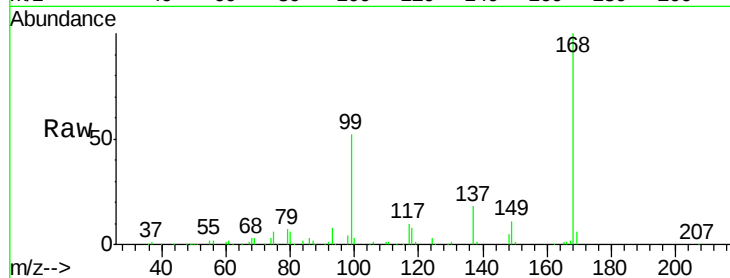
RO-275

Tot Ion:168 Resp: 240952

Ion Ratio Lower Upper

168 100

99 52.0 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

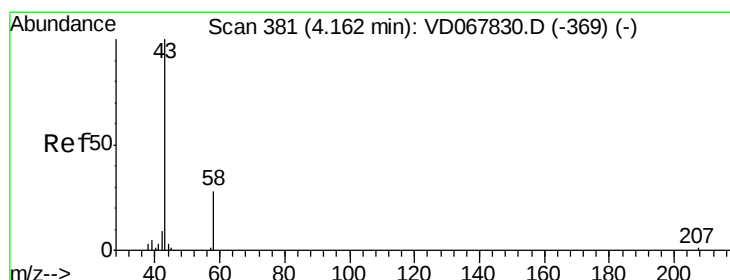
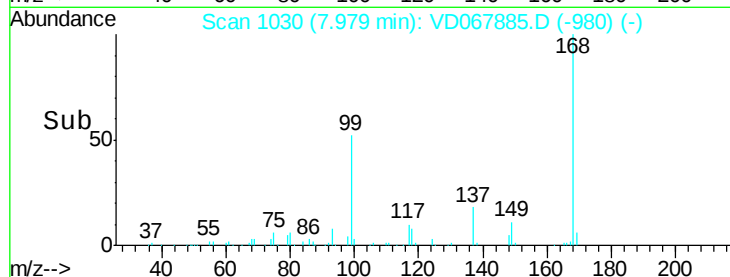
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 15.446 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD067885.D

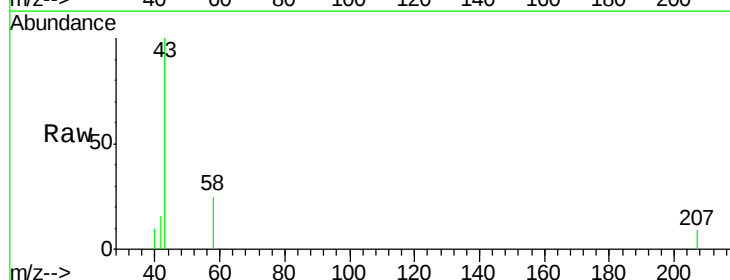
Acq: 04 Dec 2020 15:04

Tgt Ion: 43 Resp: 4937

Ion Ratio Lower Upper

43 100

58 25.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

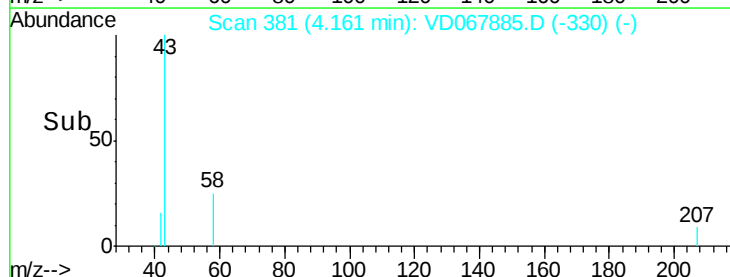
1500

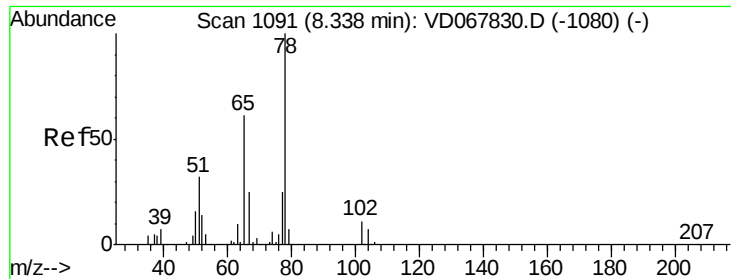
1000

500

0

Time-->

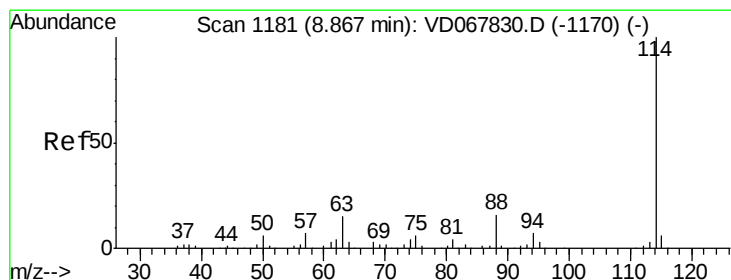
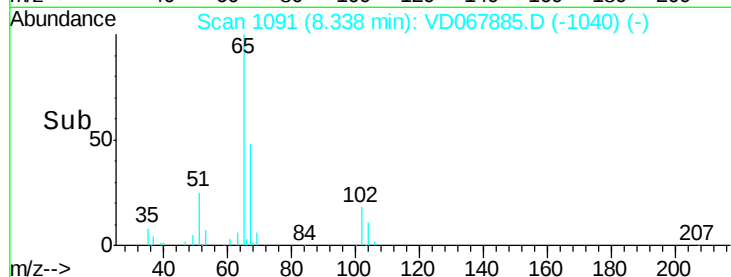
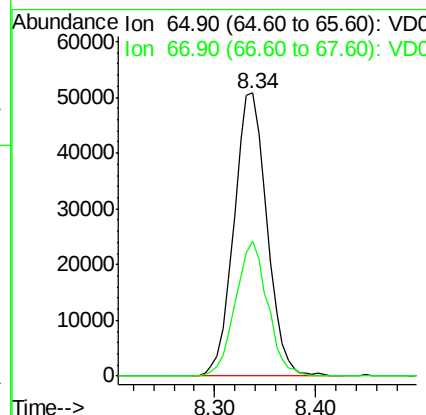
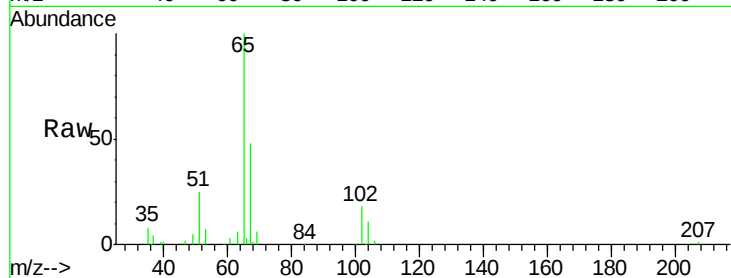




#33
 1,2-Dichloroethane-d4
 Concen: 44.315 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067885.D
 Acq: 04 Dec 2020 15:04

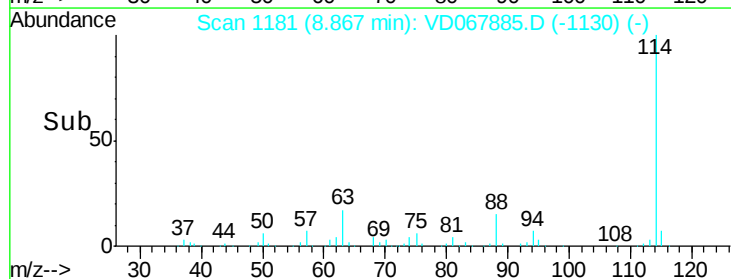
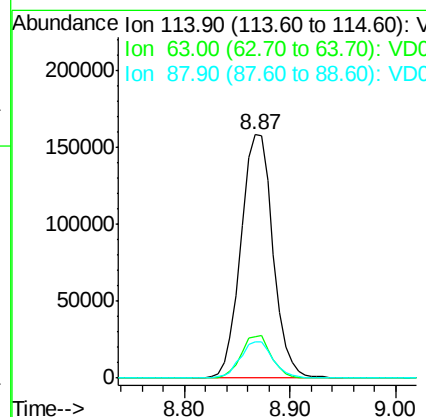
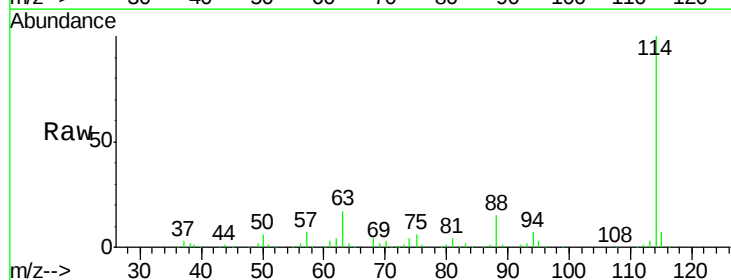
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-275

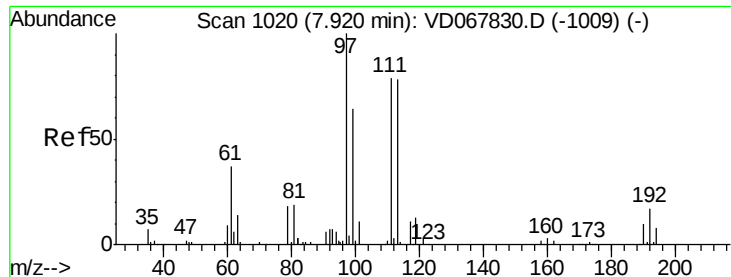
Tot Ion: 65 Resp: 114630
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067885.D
 Acq: 04 Dec 2020 15:04

Tgt Ion: 114 Resp: 333823
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 30.8
 88 14.9 0.0 31.8

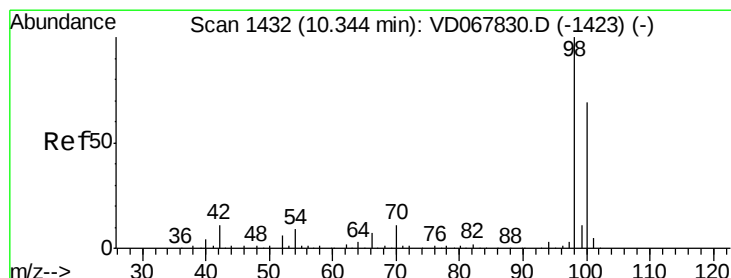
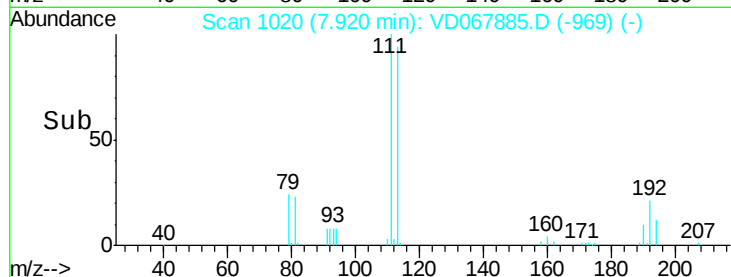
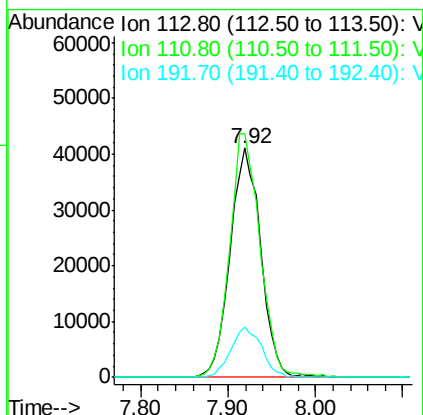
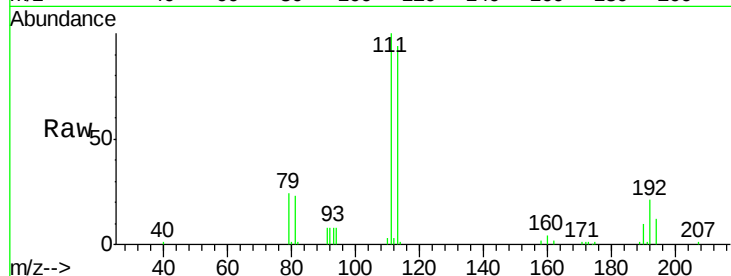




#35
 Dibromofluoromethane
 Concen: 43.529 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067885.D
 Acq: 04 Dec 2020 15:04

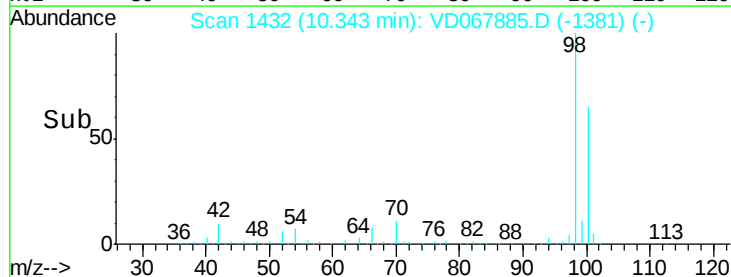
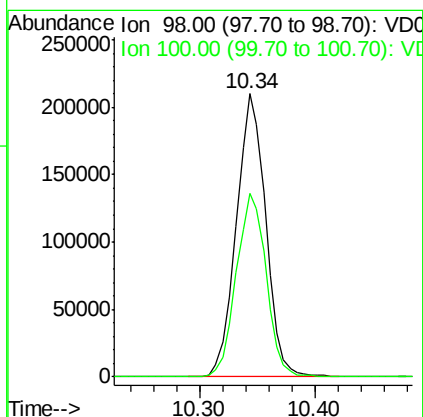
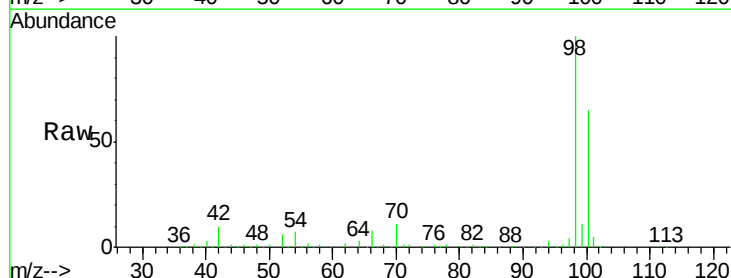
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-275

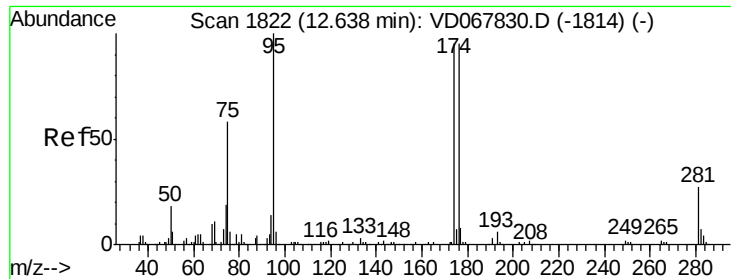
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.2	121.8
192	22.2	16.8	25.2



#50
 Toluene-d8
 Concen: 46.048 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067885.D
 Acq: 04 Dec 2020 15:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 41.896 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067885.D

Acq: 04 Dec 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

RO-275

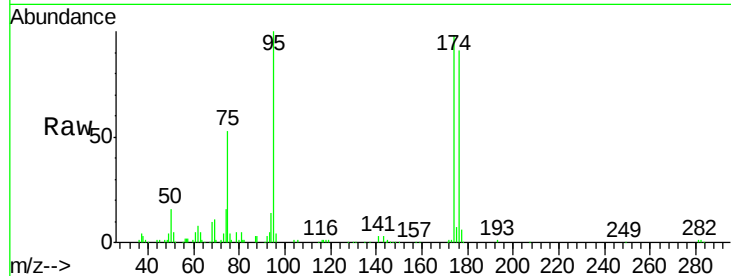
Tot Ion: 95 Resp: 116473

Ion Ratio Lower Upper

95 100

174 99.0 0.0 186.0

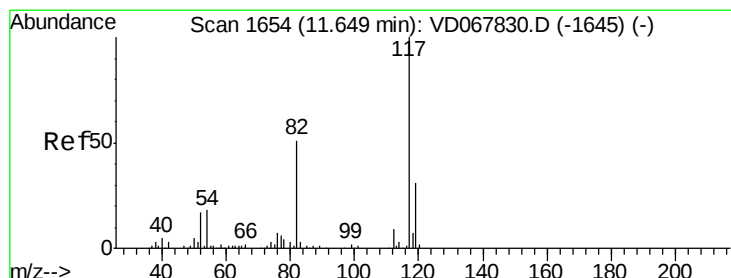
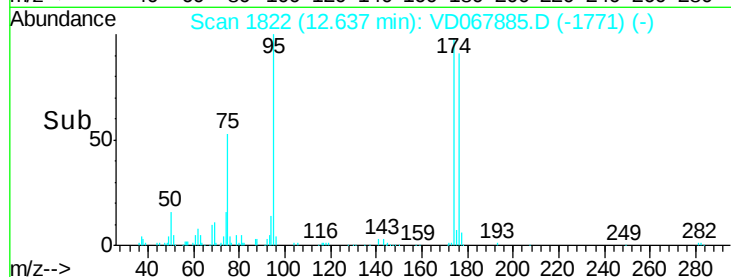
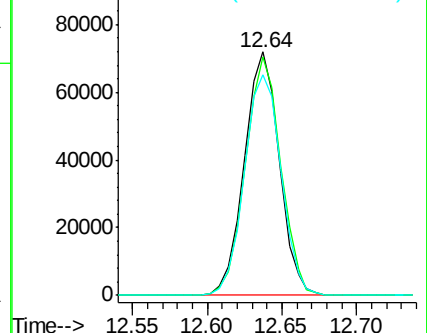
176 95.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD067885.D

Acq: 04 Dec 2020 15:04

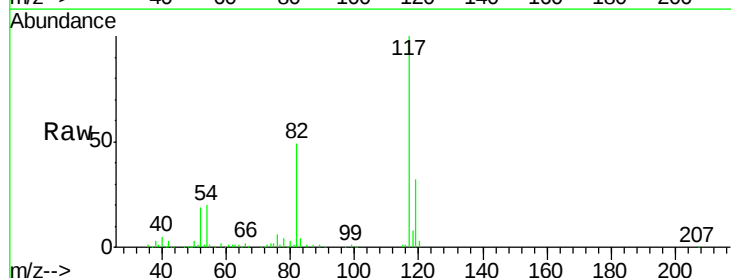
Tgt Ion: 117 Resp: 286838

Ion Ratio Lower Upper

117 100

82 48.8 40.6 60.8

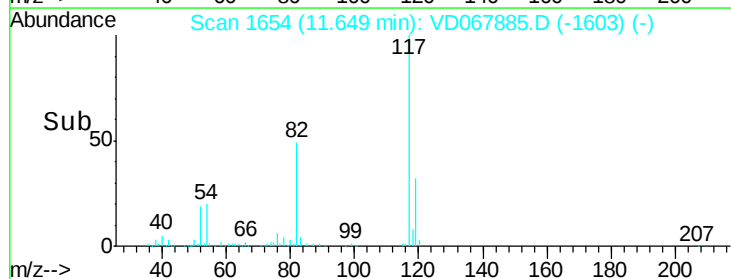
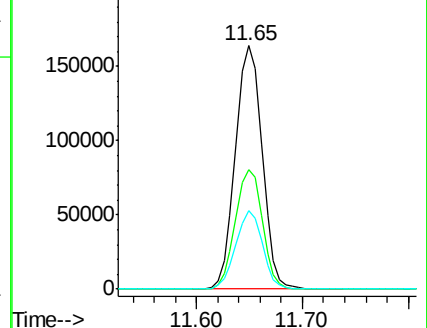
119 32.0 25.1 37.7

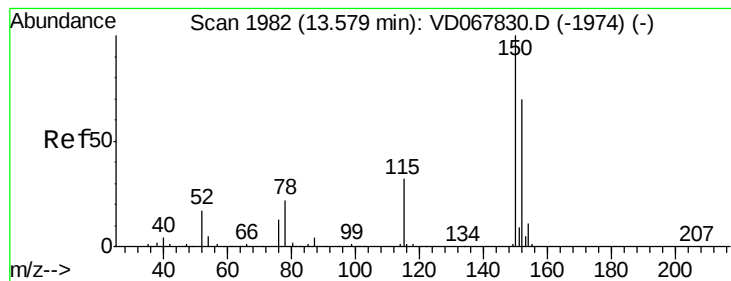


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VD067885.D

Acq: 04 Dec 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

RO-275

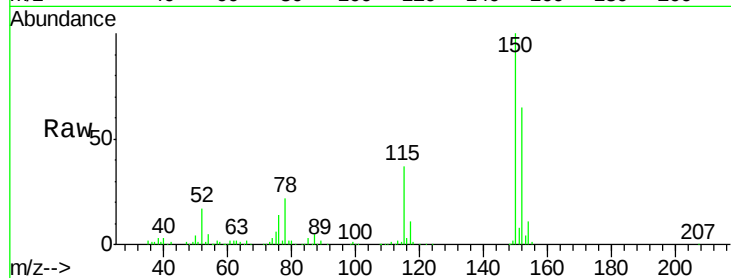
Tot Ion:152 Resp: 140058

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.4

150 156.6 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

