

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067793.D
 Acq On : 25 Nov 2020 18:00
 Operator : VA/SY
 Sample : L4899-01
 Misc : 6.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 26 02:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	512594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	801946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	769299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	262440	52.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	105.32%	
35) Dibromofluoromethane	7.92	113	249257	48.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	97.68%	
50) Toluene-d8	10.34	98	910003	48.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.64	95	340283	53.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	=	106.70%	

Target Compounds

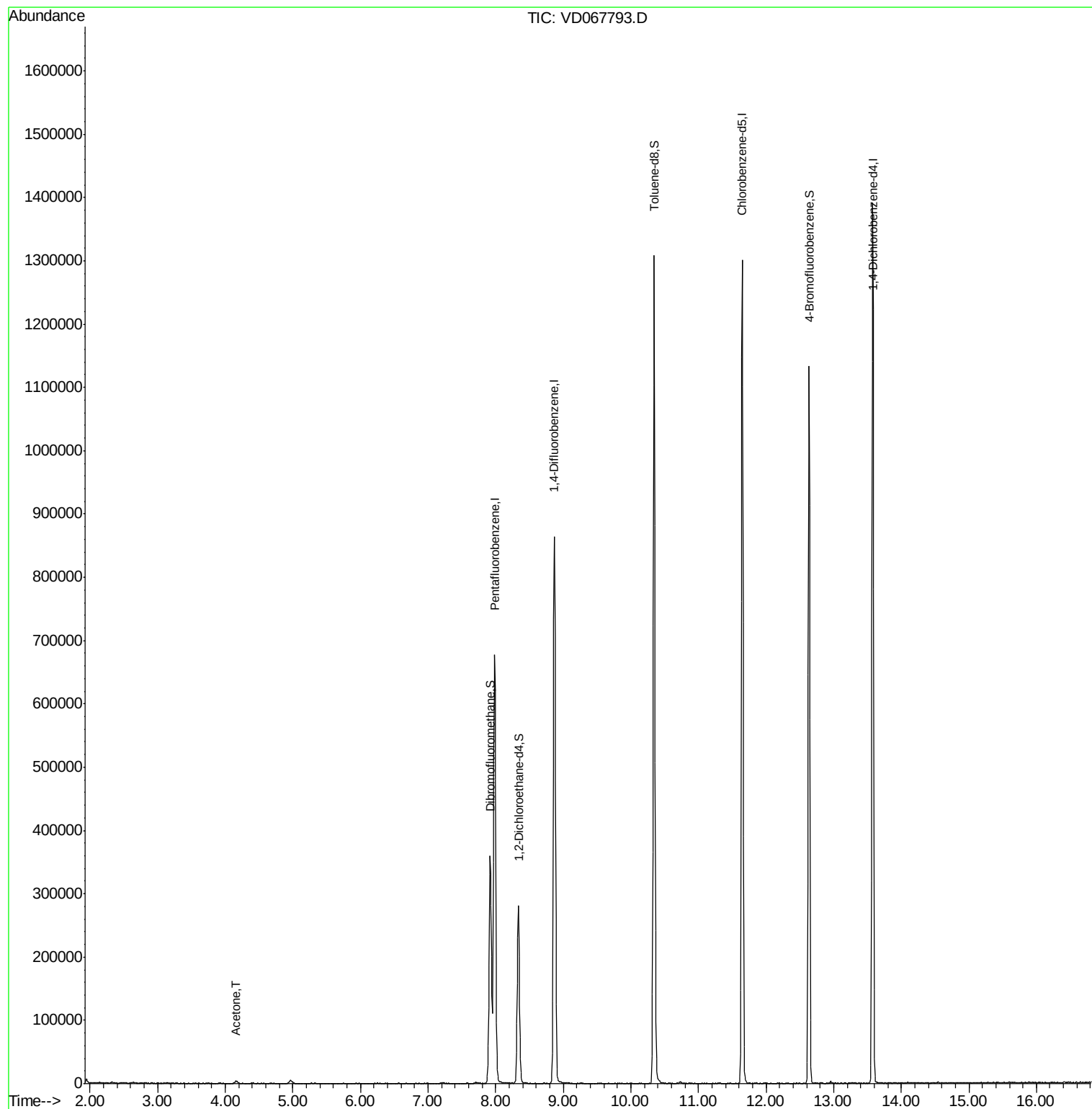
					Qvalue
16) Acetone	4.16	43	7123	11.063 ug/l #	81

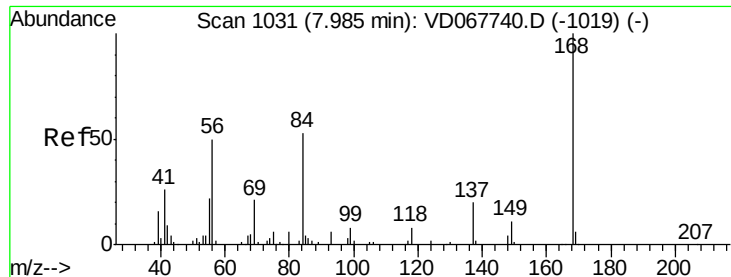
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067793.D

Acq: 25 Nov 2020 18:00

Instrument :

MSVOA_D

ClientSampleId :

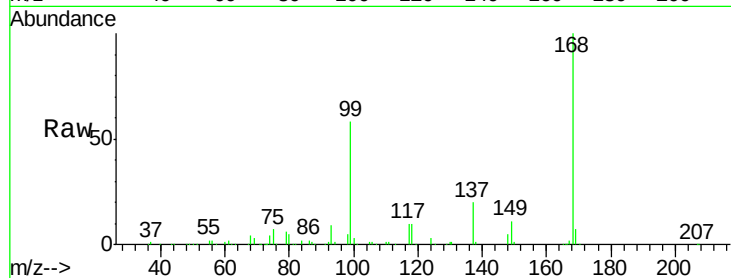
TP-1

Tot Ion:168 Resp: 512594

Ion Ratio Lower Upper

168 100

99 58.2 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

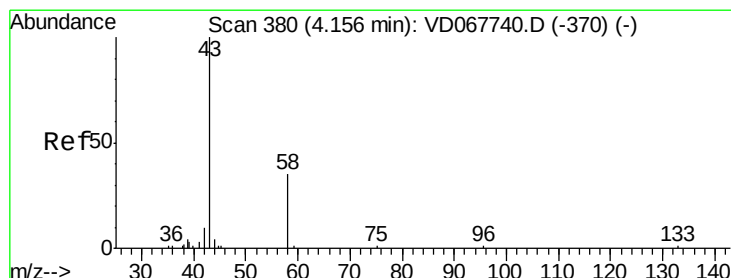
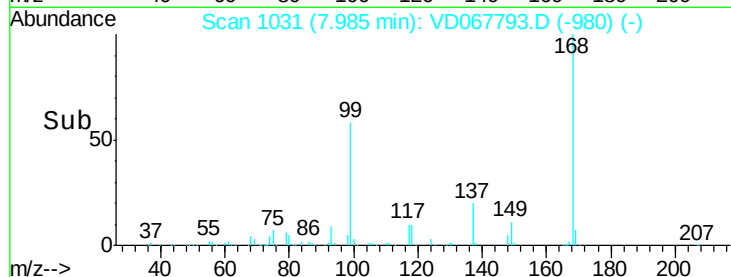
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.063 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067793.D

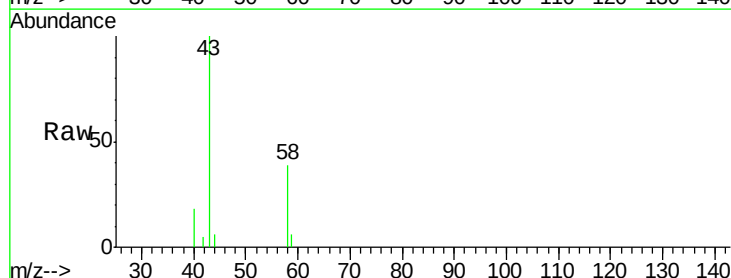
Acq: 25 Nov 2020 18:00

Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

58 45.7 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

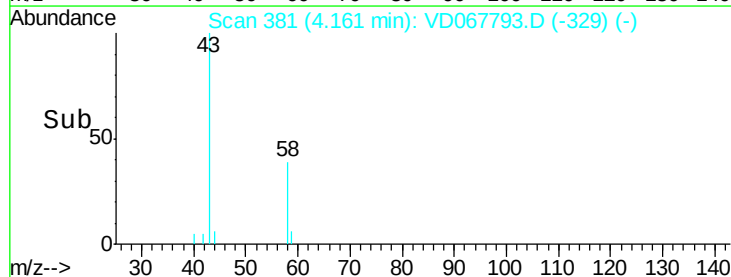
3000

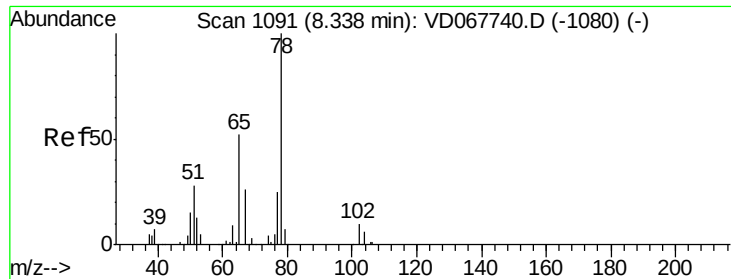
2000

1000

0

Time-->

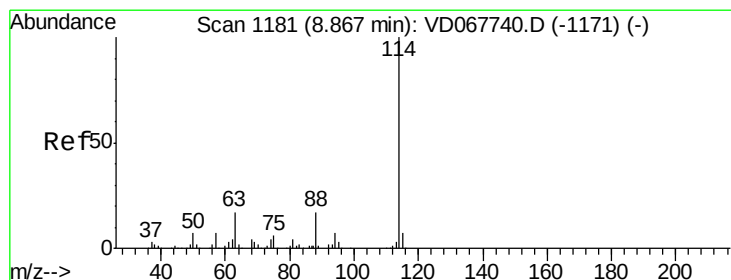
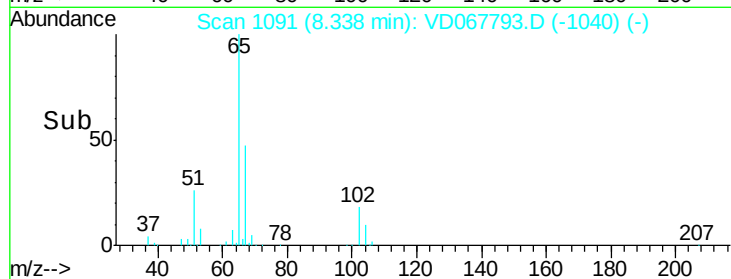
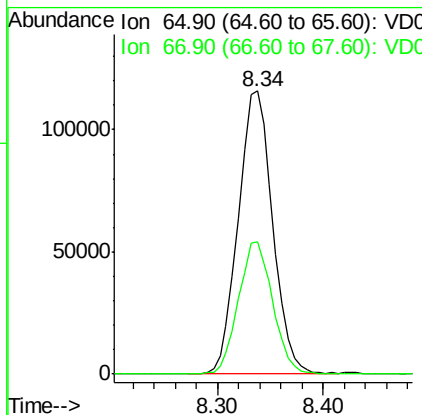
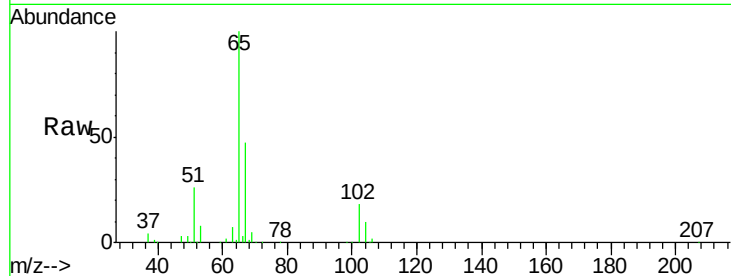




#33
 1,2-Dichloroethane-d4
 Concen: 52.656 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067793.D
 Acq: 25 Nov 2020 18:00

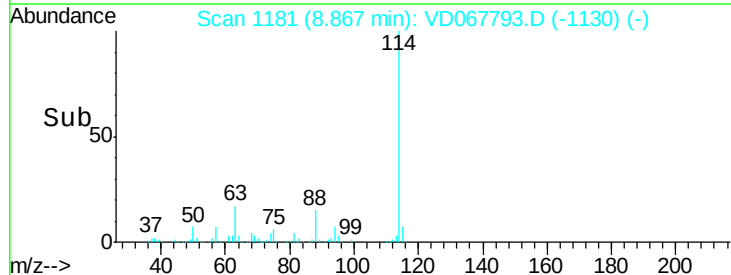
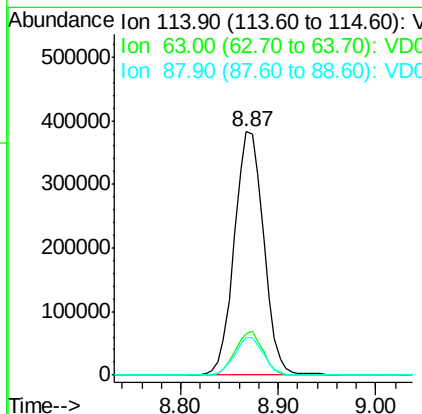
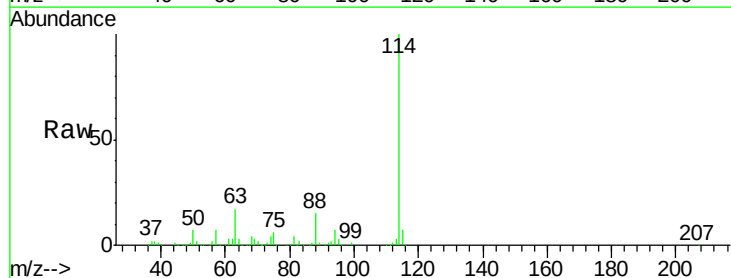
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

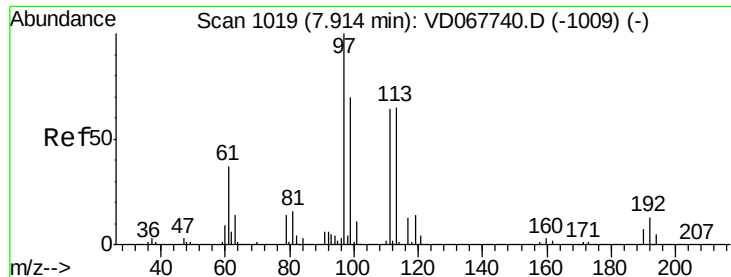
Tot Ion: 65 Resp: 262440
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067793.D
 Acq: 25 Nov 2020 18:00

Tgt Ion: 114 Resp: 801946
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.8
 88 15.2 0.0 34.4

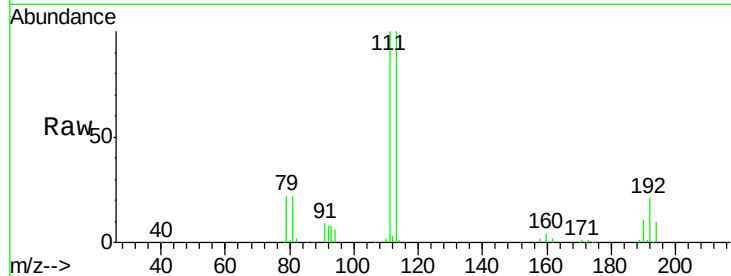




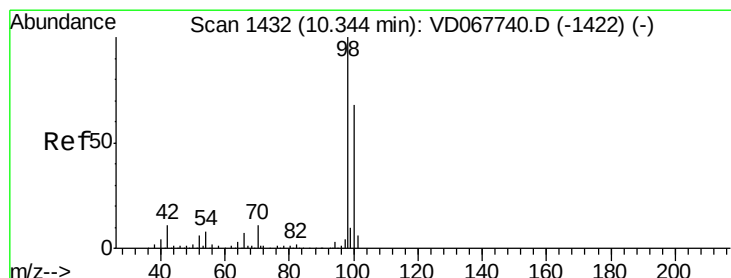
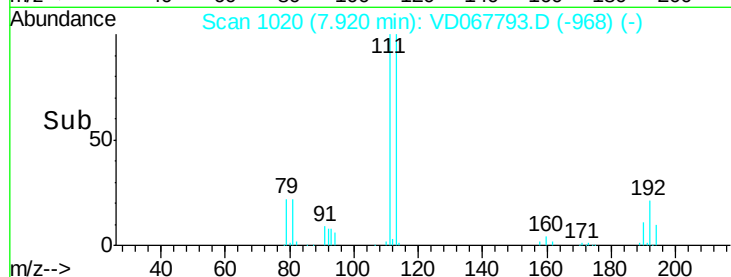
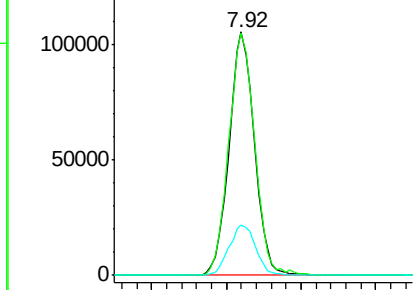
#35
 Dibromofluoromethane
 Concen: 48.840 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067793.D
 Acq: 25 Nov 2020 18:00

Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	21.7	17.0	25.4

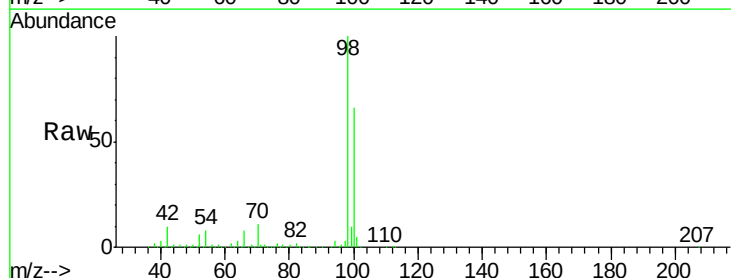


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

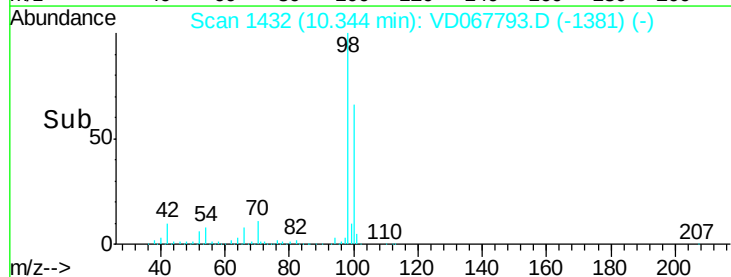
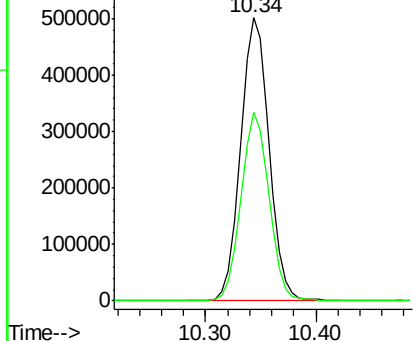


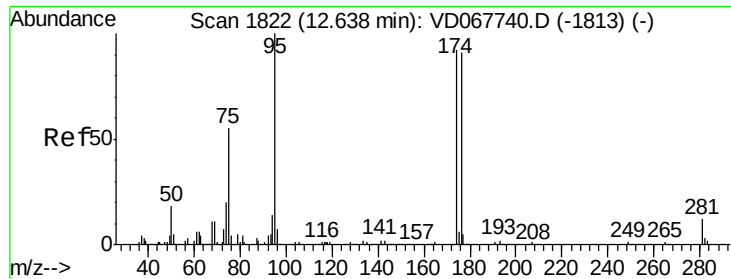
#50
 Toluene-d8
 Concen: 48.770 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067793.D
 Acq: 25 Nov 2020 18:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7



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





#62

4-Bromofluorobenzene

Concen: 53.355 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067793.D

Acq: 25 Nov 2020 18:00

Instrument :

MSVOA_D

ClientSampled :

TP-1

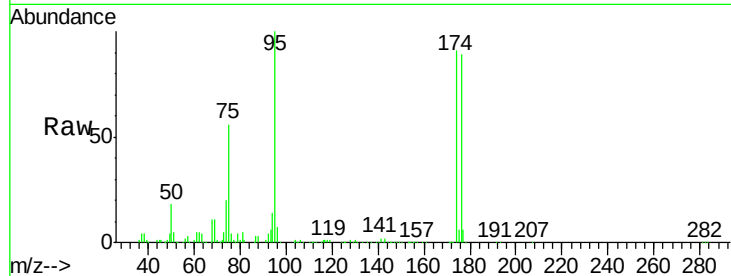
Tot Ion: 95 Resp: 340283

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.4

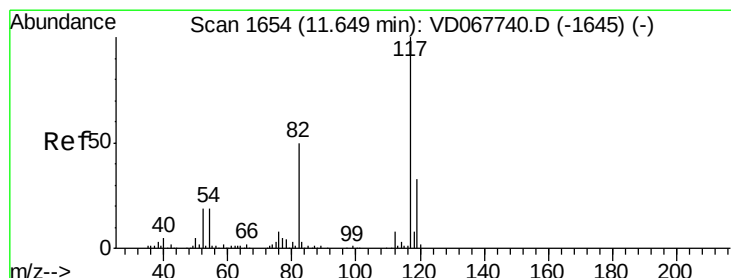
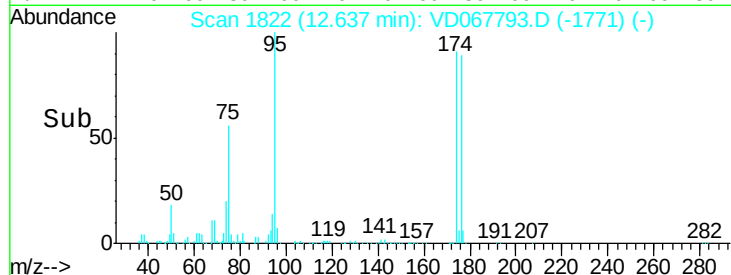
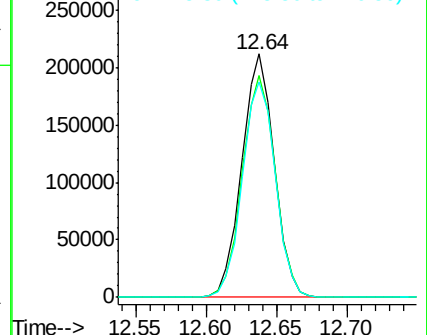
176 90.6 0.0 178.2



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: VD067793.D

Acq: 25 Nov 2020 18:00

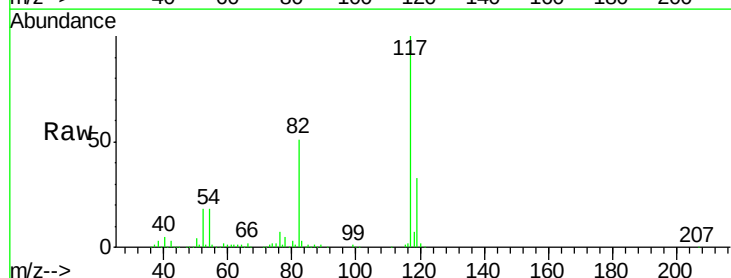
Tgt Ion: 117 Resp: 769299

Ion Ratio Lower Upper

117 100

82 50.8 40.2 60.4

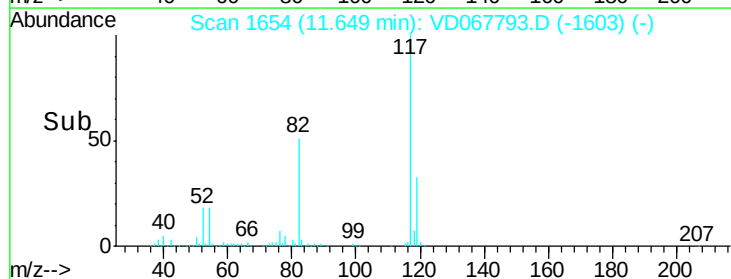
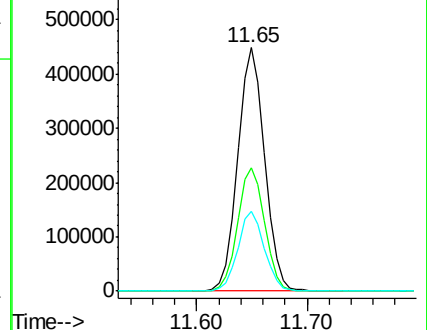
119 32.8 26.5 39.7

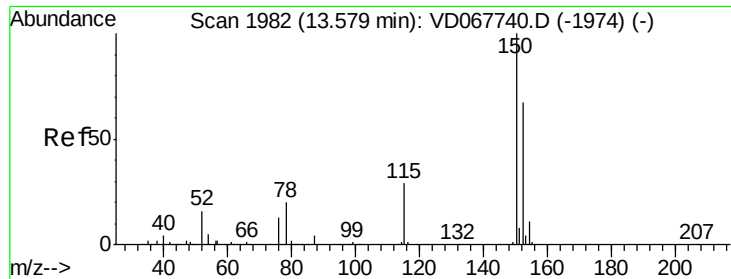


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067793.D

Acq: 25 Nov 2020 18:00

Instrument :

MSVOA_D

ClientSampleId :

TP-1

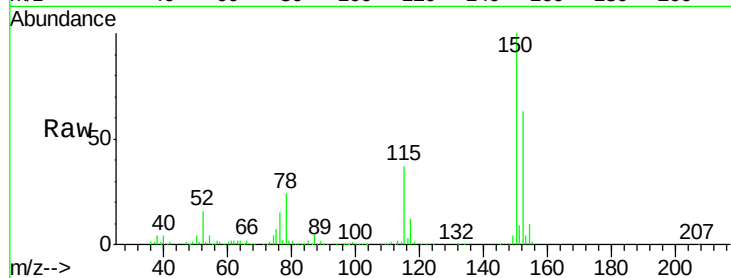
Tot Ion:152 Resp: 377745

Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.3

150 157.1 0.0 340.6



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

