

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064777.D
 Acq On : 06 Jan 2020 17:11
 Operator : VA/SY
 Sample : L1039-01
 Misc : 9.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 301-305

Quant Time: Jan 07 01:16:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

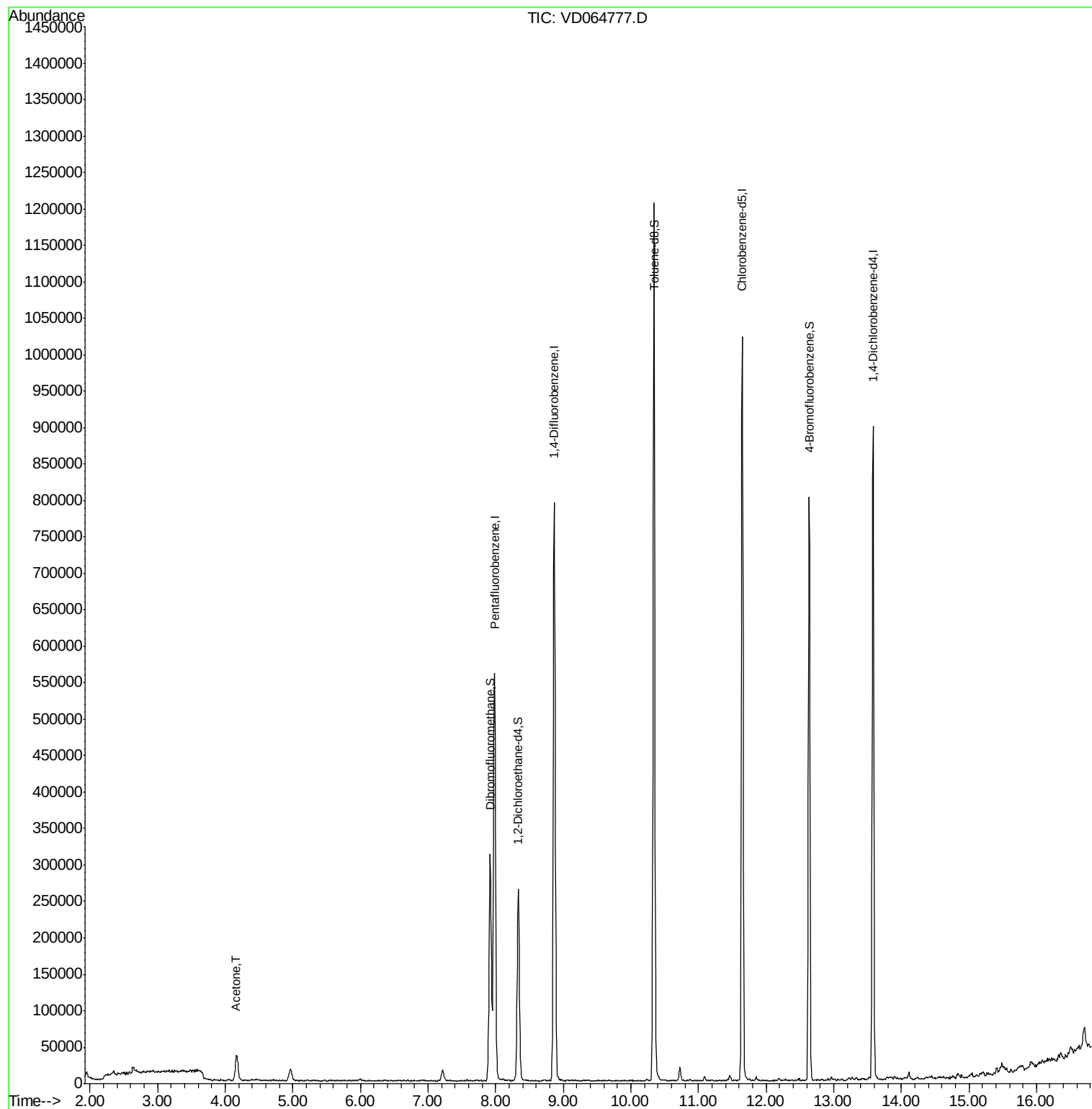
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	428164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	666137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	575455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219504	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	7.92	113	208556	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.34	98	787649	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.64	95	231449	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
16) Acetone	4.16	43	63618	76.705	ug/l	Qvalue 98

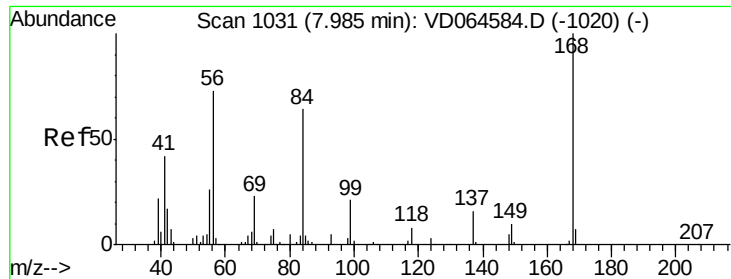
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064777.D

Acq: 06 Jan 2020 17:11

Instrument :

MSVOA_D

ClientSampleId :

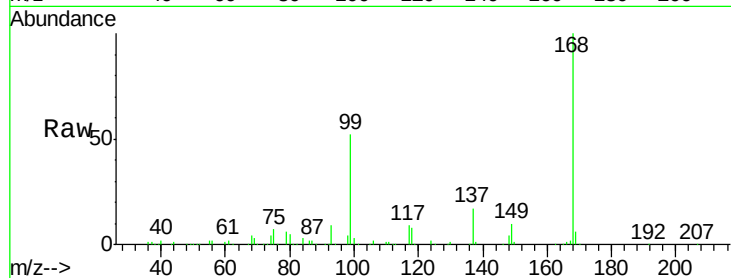
301-305

Tgt Ion:168 Resp: 428164

Ion Ratio Lower Upper

168 100

99 52.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

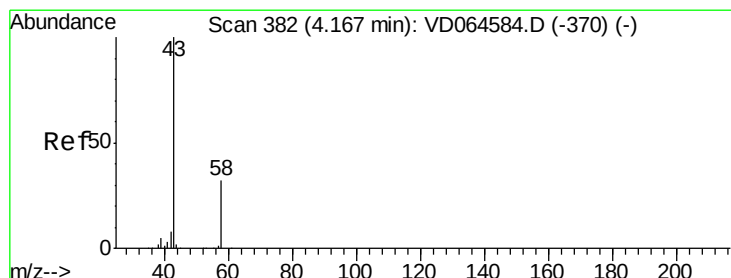
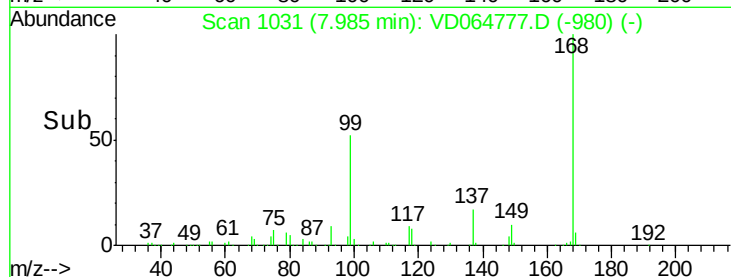
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 76.705 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064777.D

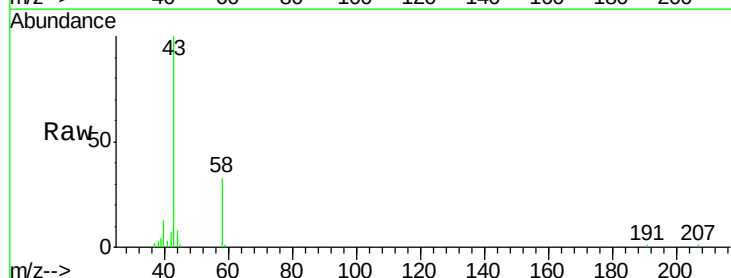
Acq: 06 Jan 2020 17:11

Tgt Ion: 43 Resp: 63618

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

25000

20000

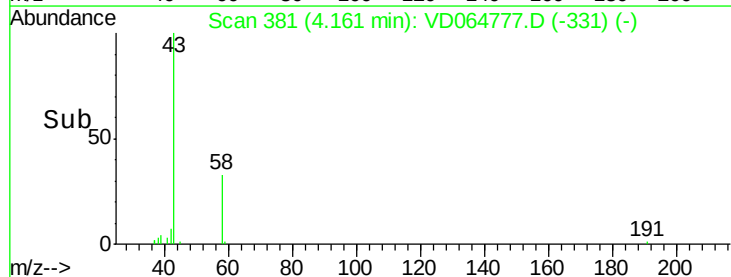
15000

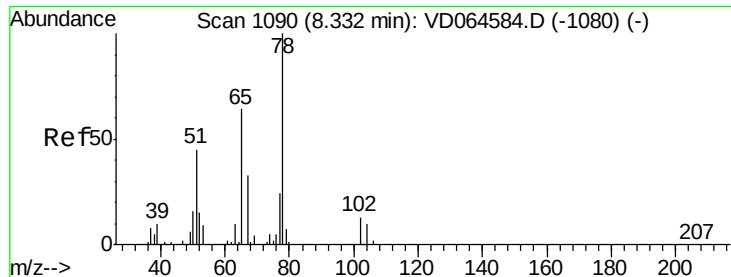
10000

5000

0

Time-->

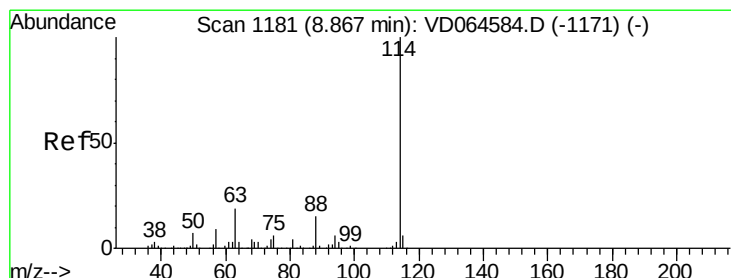
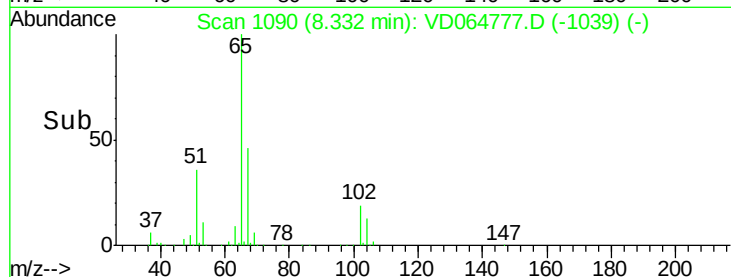
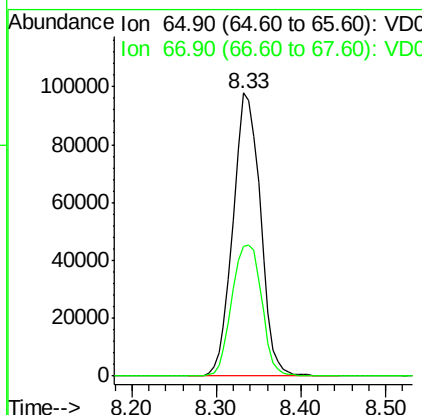
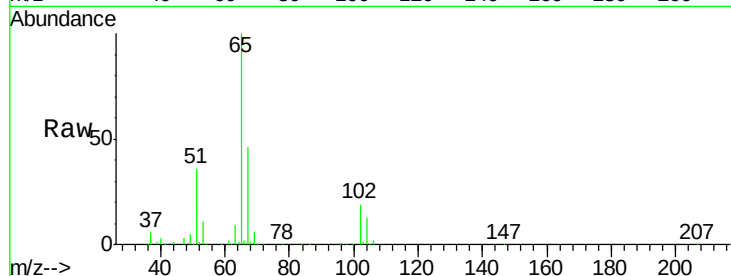




#33
 1,2-Dichloroethane-d4
 Concen: 58.139 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064777.D
 Acq: 06 Jan 2020 17:11

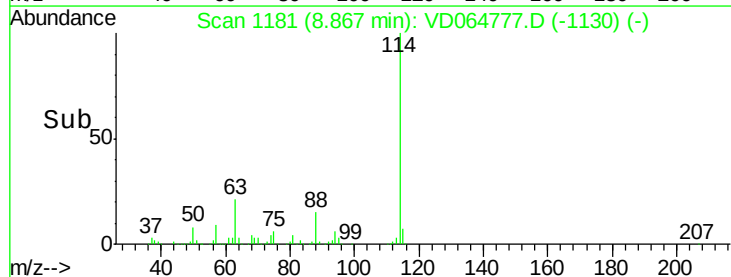
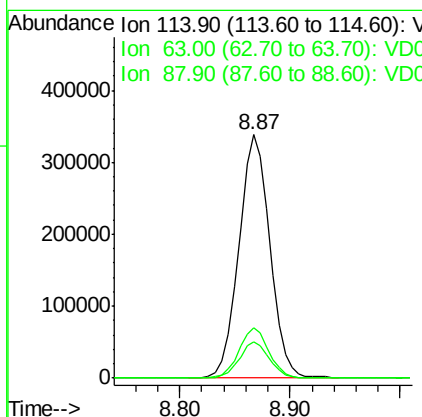
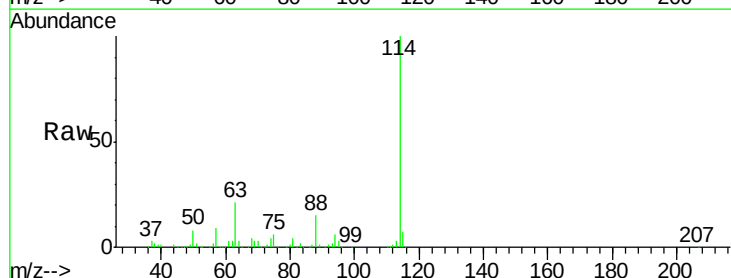
Instrument :
 MSVOA_D
 ClientSampled :
 301-305

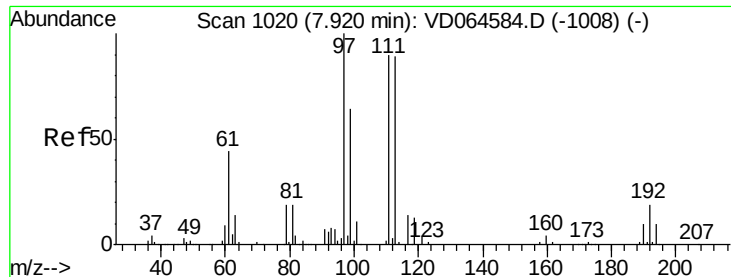
Tgt Ion: 65 Resp: 219504
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064777.D
 Acq: 06 Jan 2020 17:11

Tgt Ion: 114 Resp: 666137
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 15.0 0.0 29.2

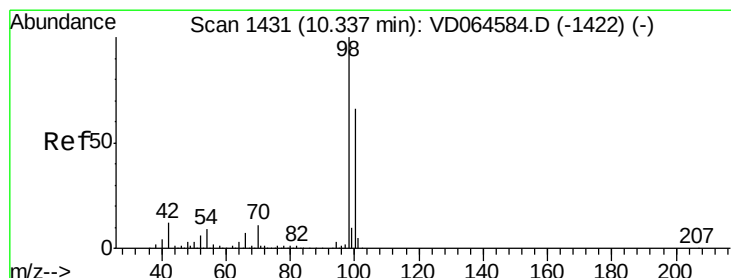
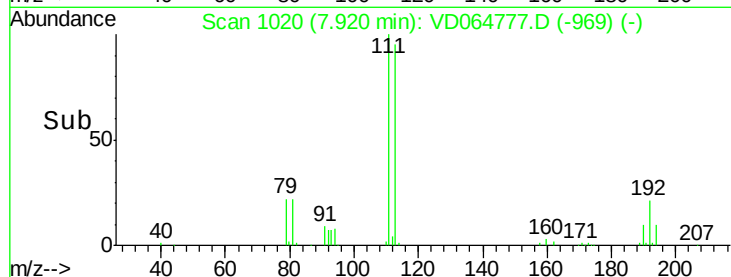
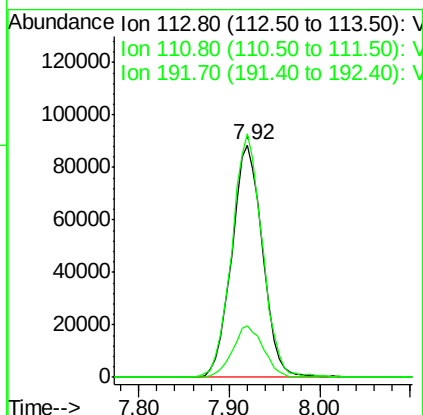
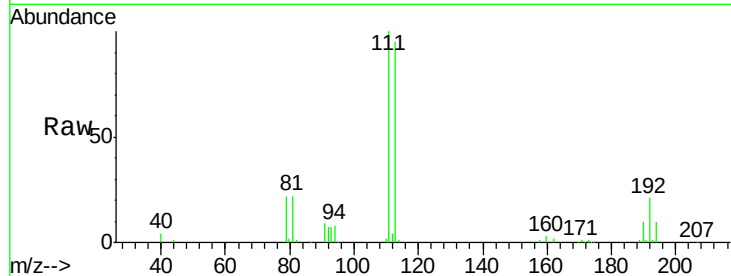




#35
 Dibromofluoromethane
 Concen: 51.031 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064777.D
 Acq: 06 Jan 2020 17:11

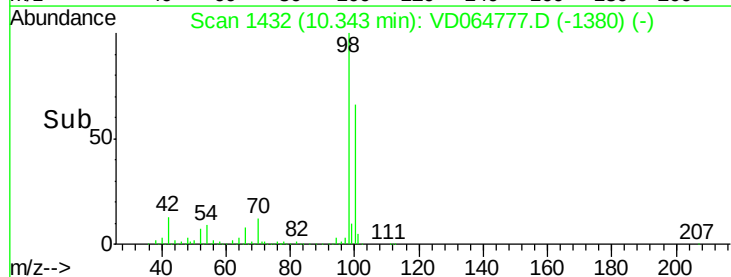
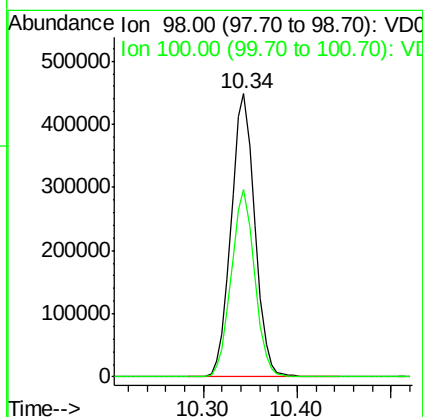
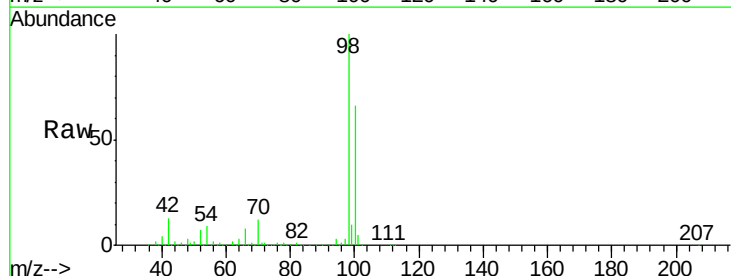
Instrument :
 MSVOA_D
 ClientSampleId :
 301-305

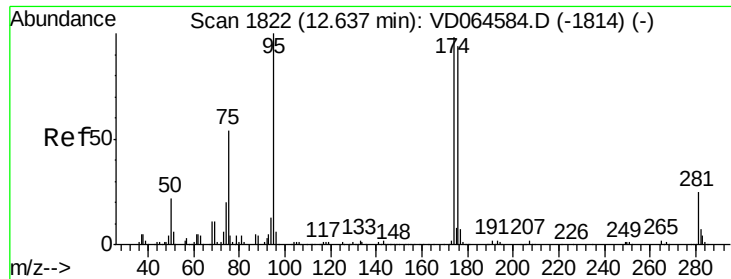
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.6	121.0
192	22.2	17.9	26.9



#50
 Toluene-d8
 Concen: 50.322 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064777.D
 Acq: 06 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5

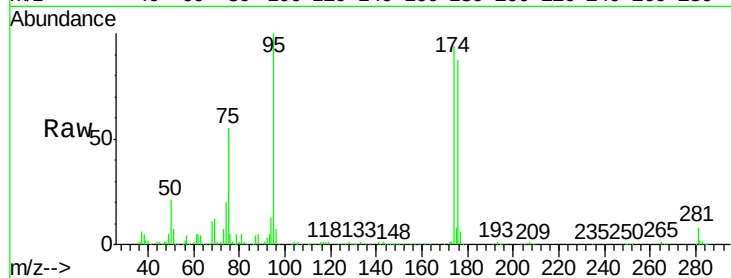




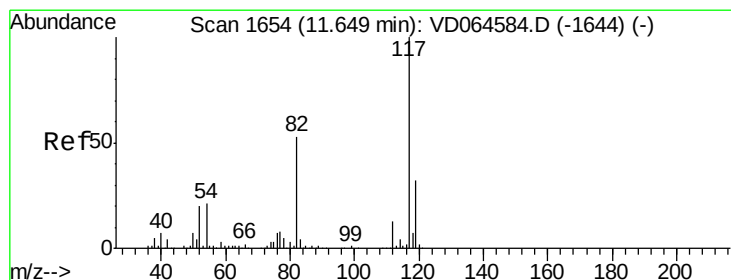
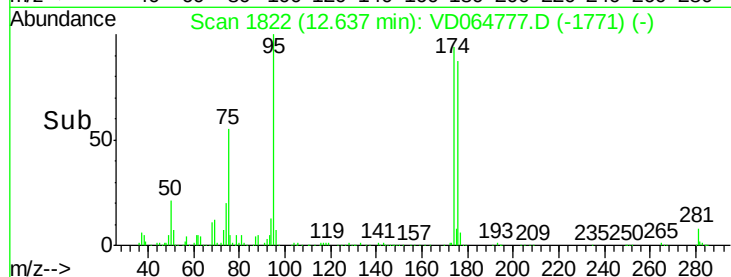
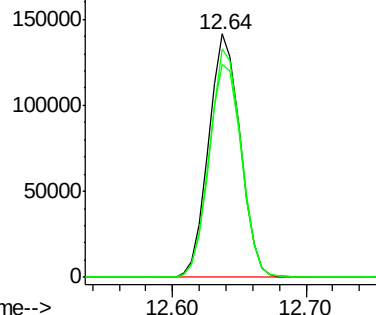
#62
4-Bromofluorobenzene
Concen: 46.763 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064777.D
Acq: 06 Jan 2020 17:11

Instrument :
MSVOA_D
ClientSampleId :
301-305

Tgt Ion: 95 Resp: 231449
Ion Ratio Lower Upper
95 100
174 93.9 0.0 193.2
176 91.1 0.0 184.2

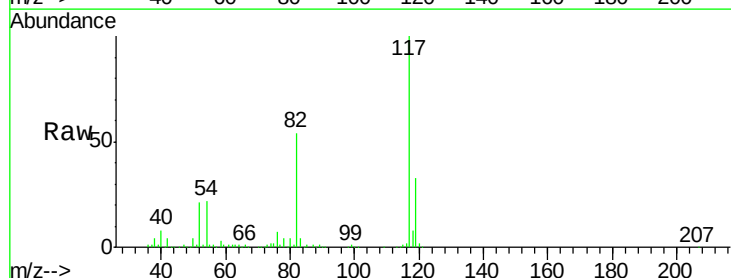


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

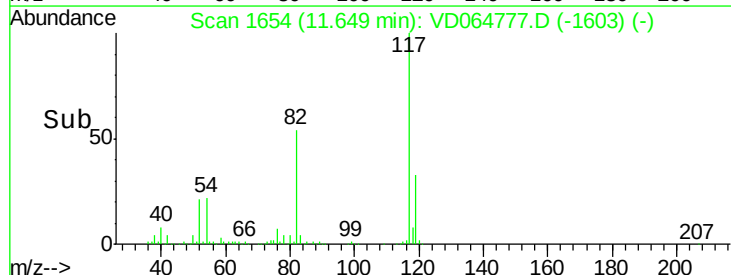
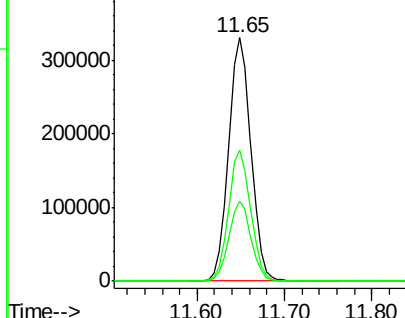


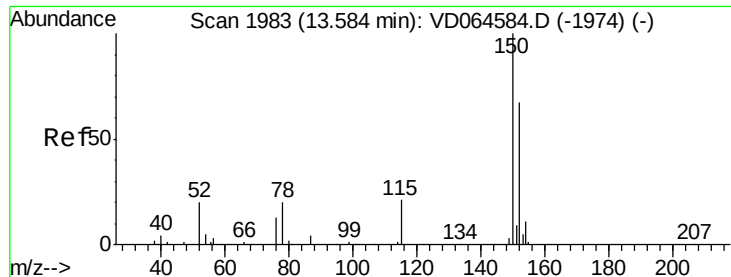
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064777.D
Acq: 06 Jan 2020 17:11

Tgt Ion: 117 Resp: 575455
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.9 26.0 39.0



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# 1983

Delta R.T. 0.00 min

Lab File: VD064777.D

Acq: 06 Jan 2020 17:11

Instrument :

MSVOA_D

ClientSampleId :

301-305

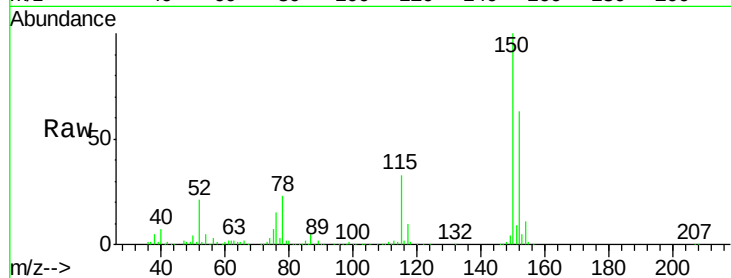
Tgt Ion:152 Resp: 239899

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 154.7 0.0 351.4



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

