

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061624.D
 Acq On : 5 Apr 2019 16:45
 Operator : VA/AP
 Sample : K2257-17
 Misc : 4.36g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-C

Quant Time: Apr 06 00:49:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

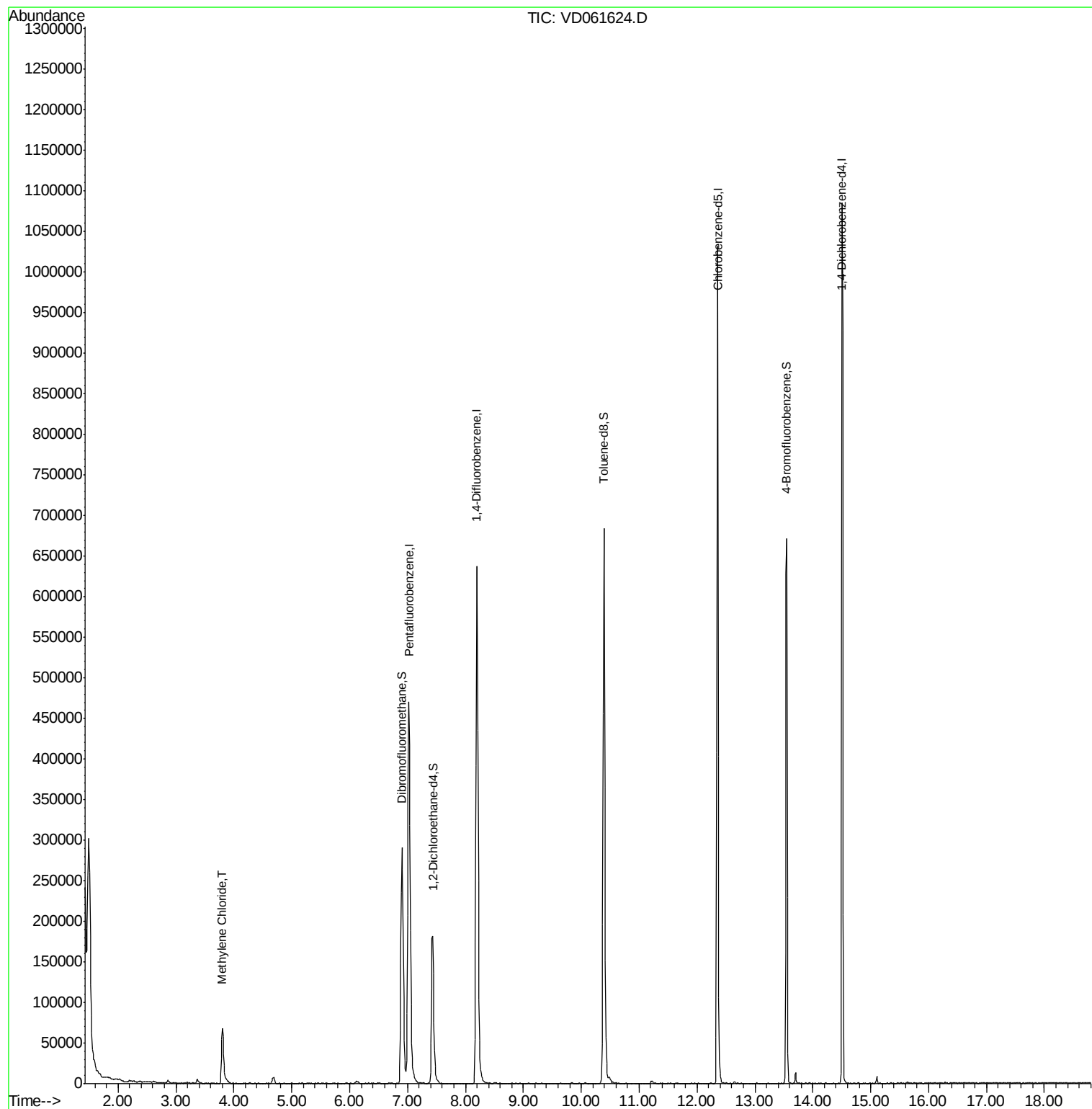
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	490434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	808286	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	668486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	271546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	184122	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
35) Dibromofluoromethane	6.90	113	286249	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	10.39	98	612674	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
62) 4-Bromofluorobenzene	13.54	95	229105	40.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.66%	
Target Compounds						
20) Methylene Chloride	3.80	84	48178	6.308	ug/l	Qvalue 89

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

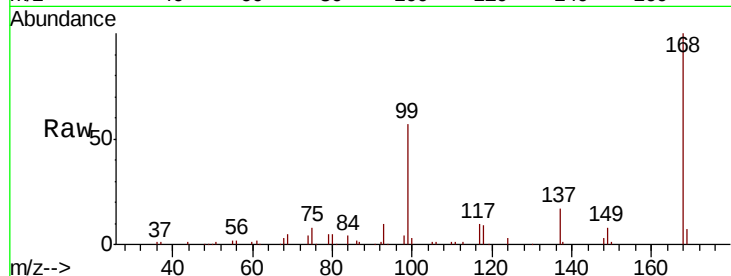
SP-1-C

Tot Ion:168 Resp: 490434

Ion Ratio Lower Upper

168 100

99 57.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

150000

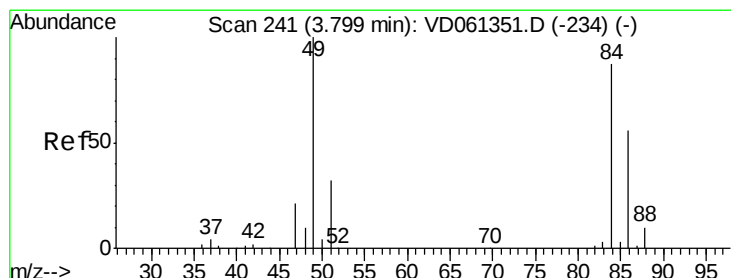
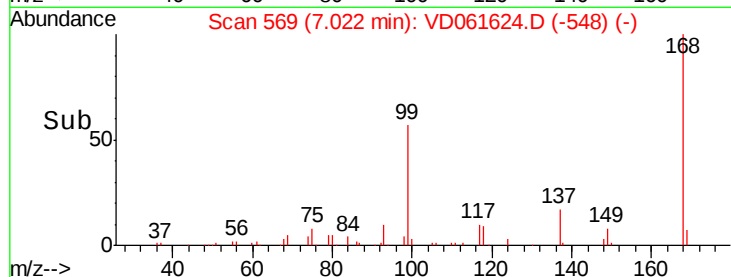
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 6.308 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

Tgt Ion: 84 Resp: 48178

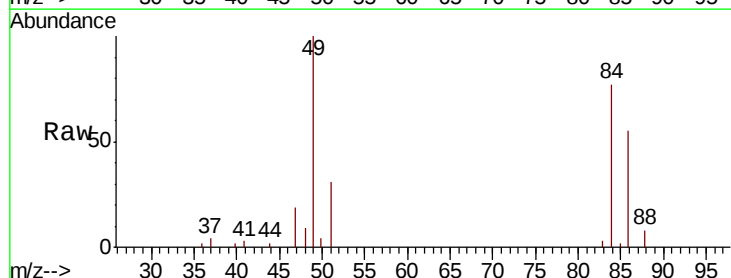
Ion Ratio Lower Upper

84 100

49 130.1 91.8 137.8

51 40.6 29.8 44.8

86 71.7 51.8 77.6



Abundance Ion 83.95 (83.65 to 84.65): 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

3.80

30000

25000

20000

15000

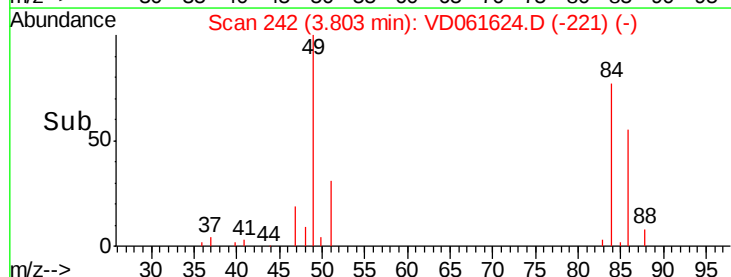
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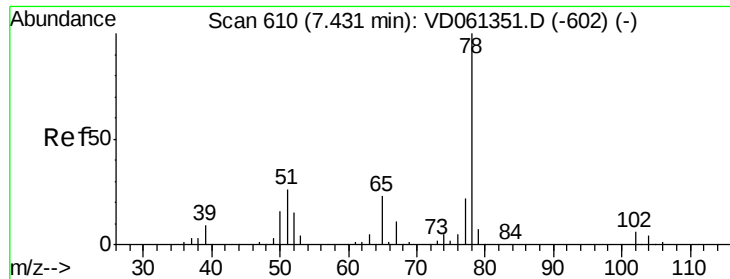
5000

0

3.70 3.80 3.90 4.00

Time-->

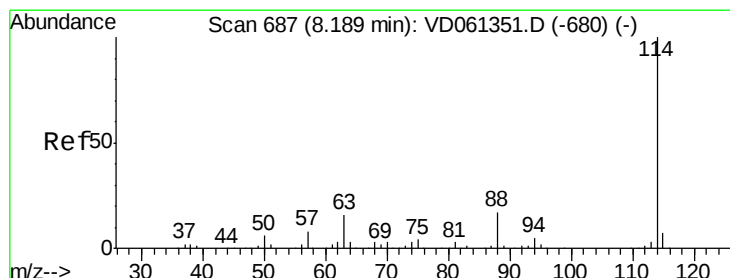
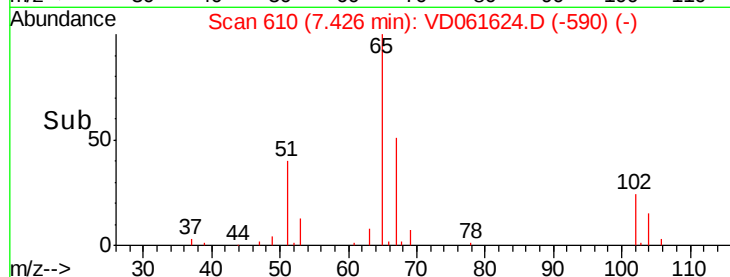
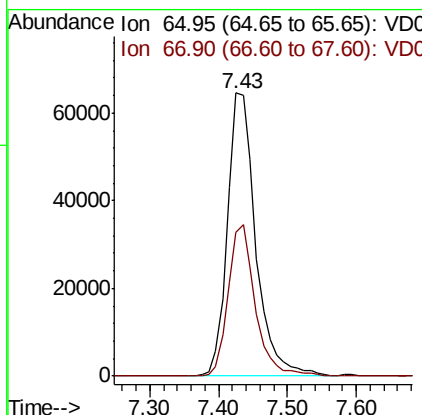
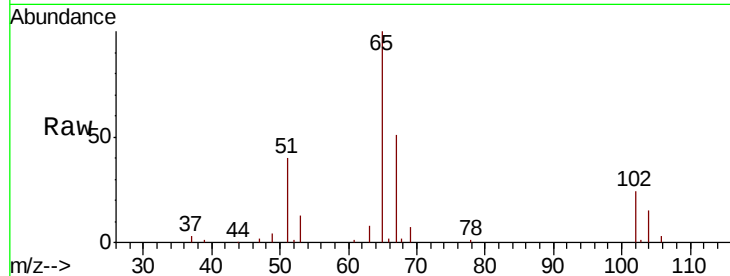




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD061624.D
 Acq: 5 Apr 2019 16:45

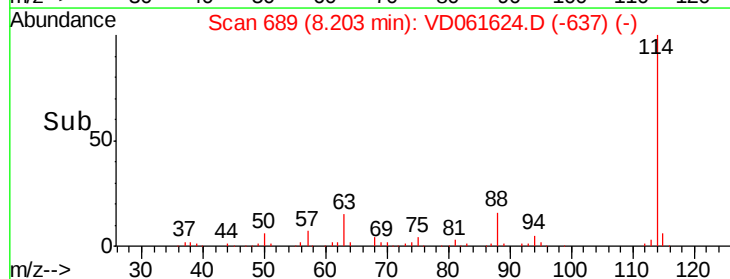
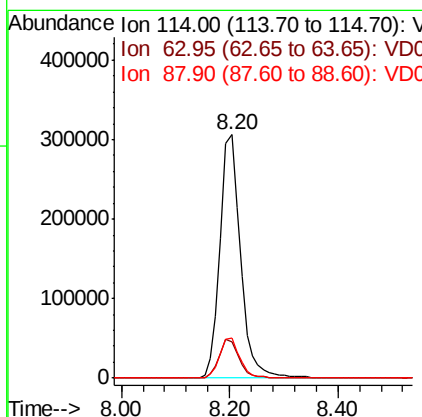
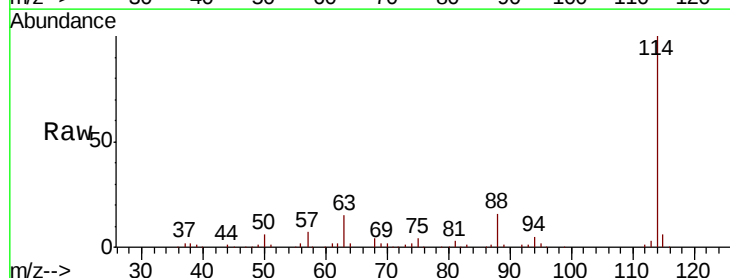
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-C

Tot Ion: 65 Resp: 184122
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061624.D
 Acq: 5 Apr 2019 16:45

Tgt Ion: 114 Resp: 808286
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.6
 88 16.3 0.0 33.4

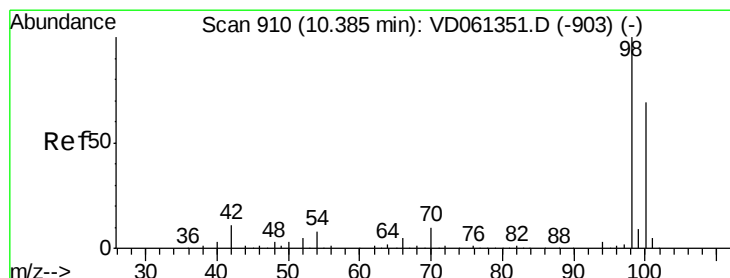
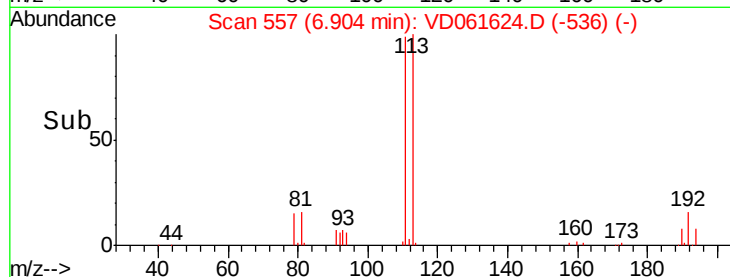
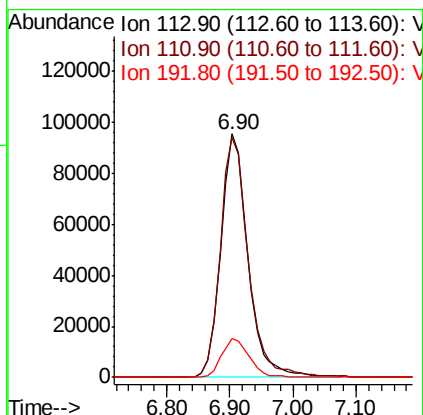
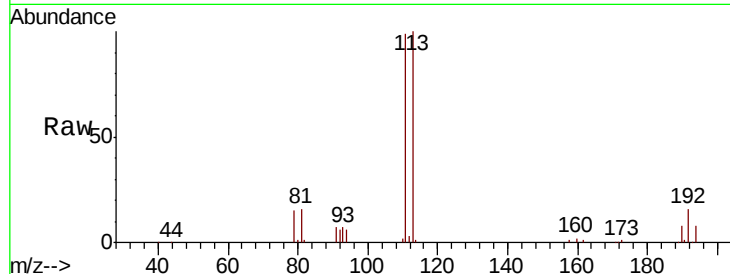




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061624.D
 Acq: 5 Apr 2019 16:45

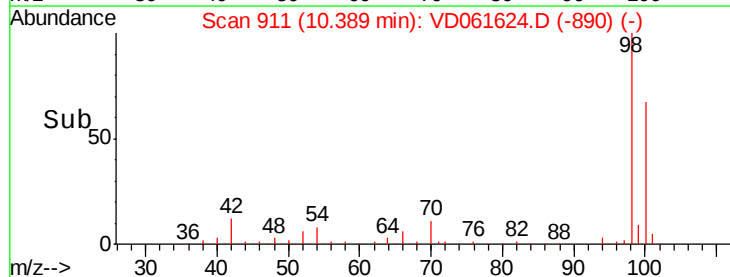
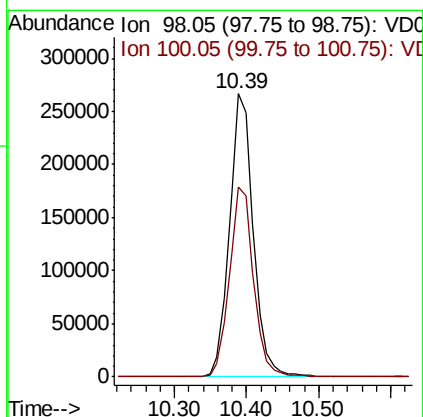
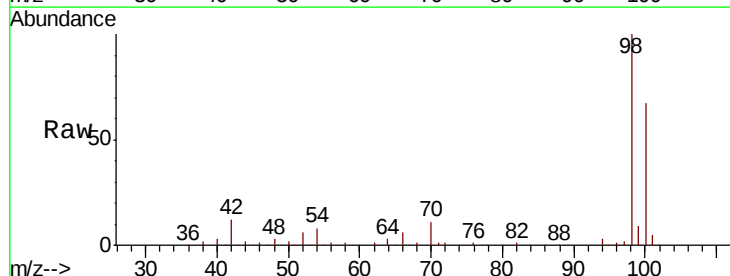
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-C

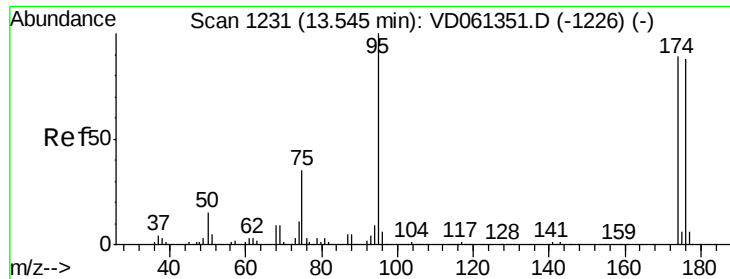
Tot Ion:113 Resp: 286249
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.0 121.6
 192 15.9 14.4 21.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: VD061624.D
 Acq: 5 Apr 2019 16:45

Tgt Ion: 98 Resp: 612674
 Ion Ratio Lower Upper
 98 100
 100 67.2 56.2 84.2

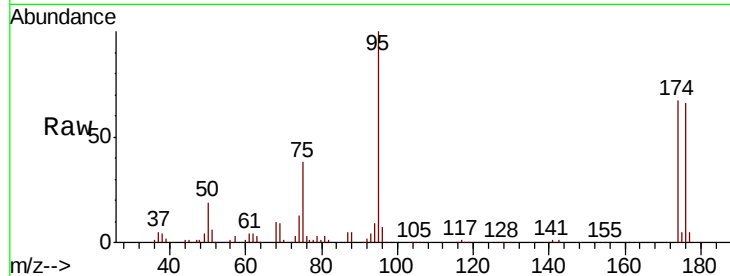




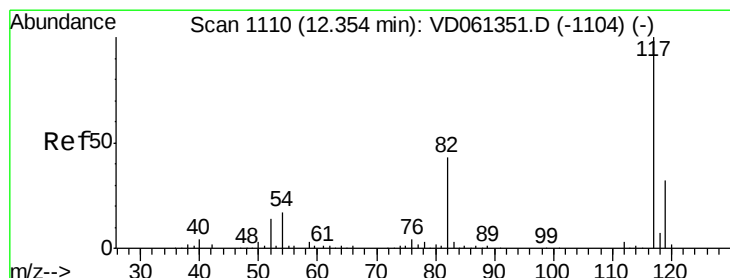
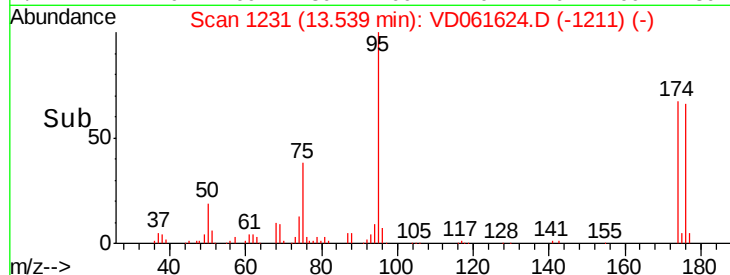
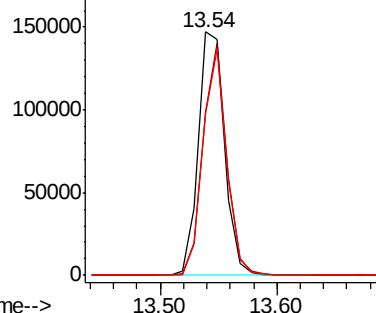
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :
SP-1-C

Tot Ion: 95 Resp: 229105
Ion Ratio Lower Upper
95 100
174 66.9 0.0 178.0
176 66.2 0.0 175.0

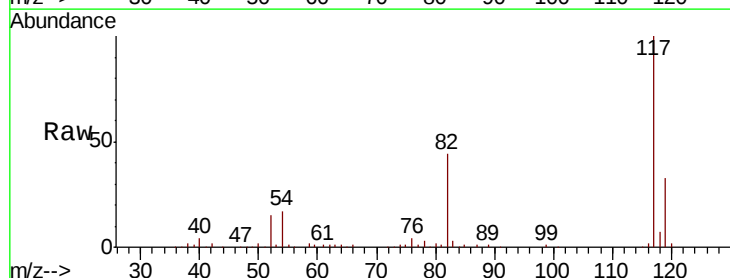


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

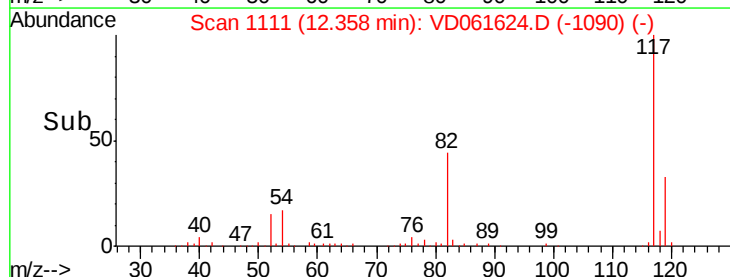
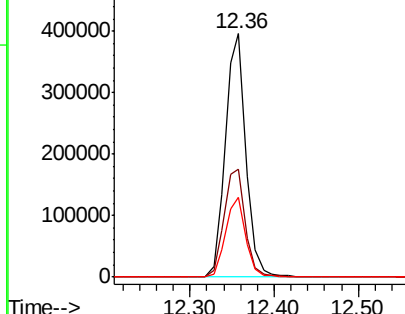


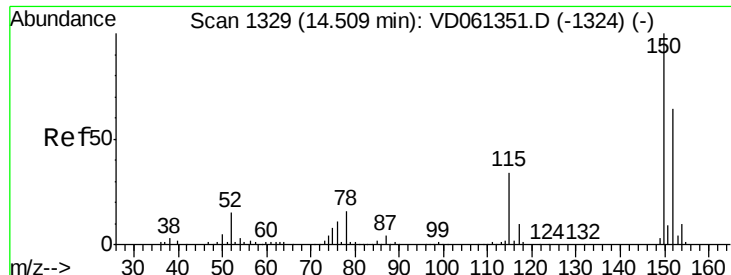
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Tgt Ion: 117 Resp: 668486
Ion Ratio Lower Upper
117 100
82 44.1 34.4 51.6
119 32.7 25.8 38.6



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

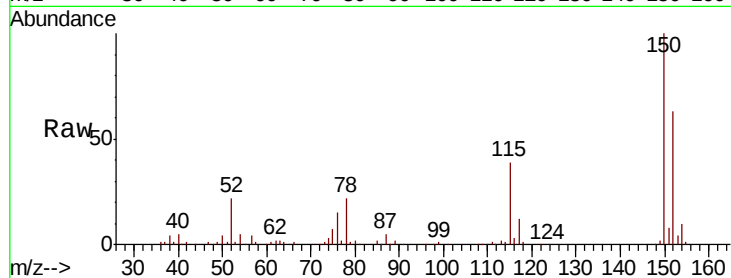




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061624.D
 Acq: 5 Apr 2019 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-C

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	26.9	80.6
150	157.6	0.0	318.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

