

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061927.D
 Acq On : 20 Apr 2019 2:33
 Operator : VA/AP
 Sample : VD9419SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD9419SBL02

Quant Time: Apr 20 04:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

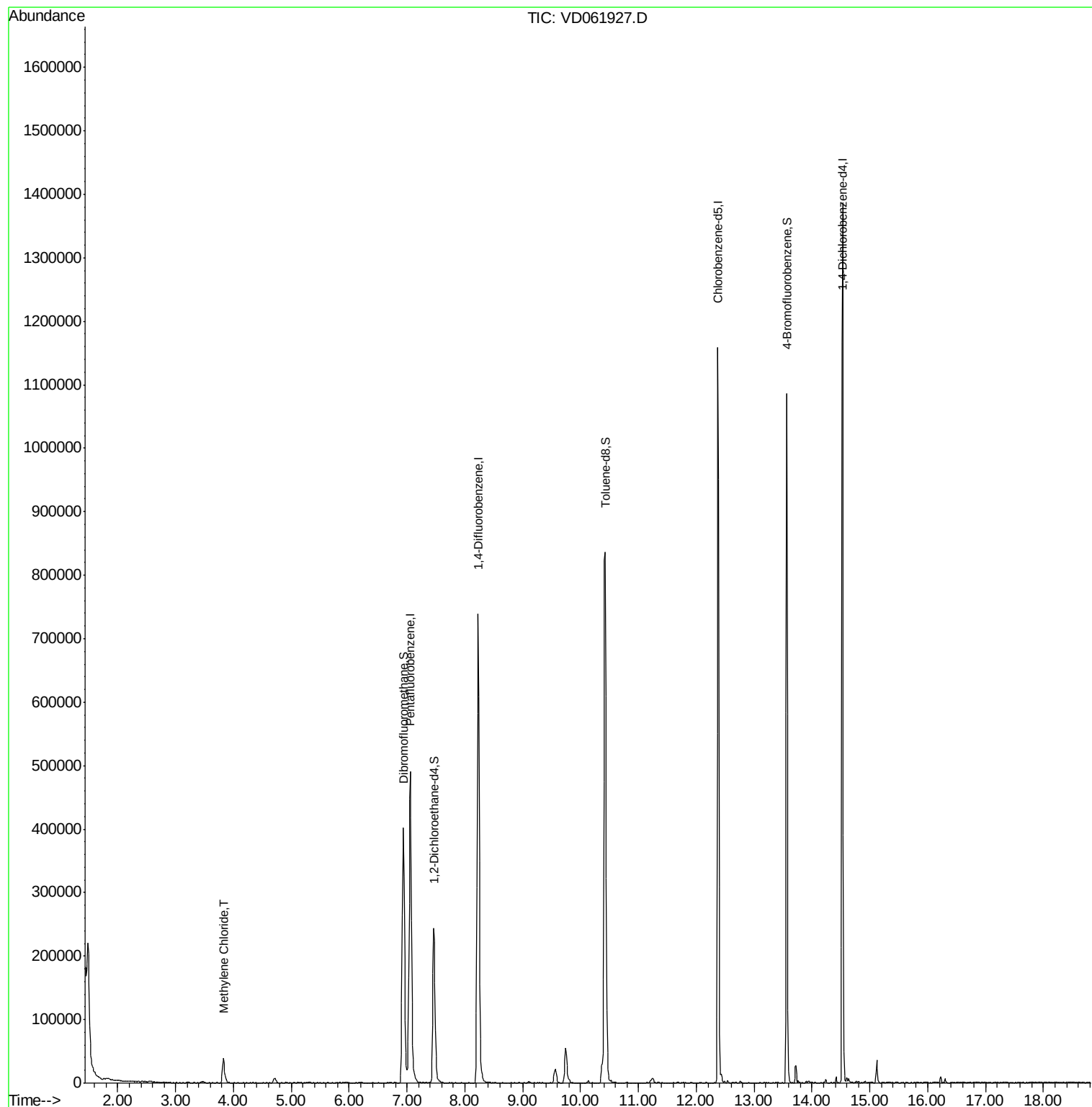
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	509953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	862448	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	703766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	336143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	250909	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	6.94	113	378723	58.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.24%	
50) Toluene-d8	10.42	98	786450	50.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	13.56	95	318730	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
20) Methylene Chloride	3.83	84	30529	1.369	ug/l	Qvalue 93

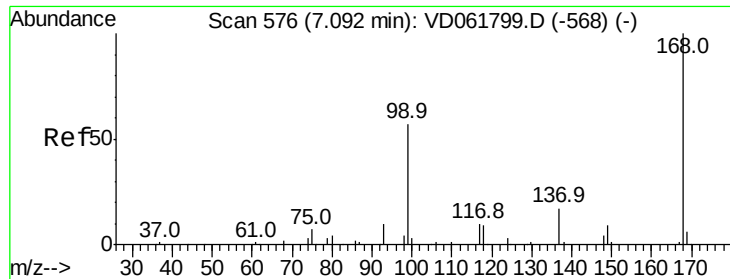
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061927.D

Acq: 20 Apr 2019 2:33

Instrument :

MSVOA_D

ClientSampleId :

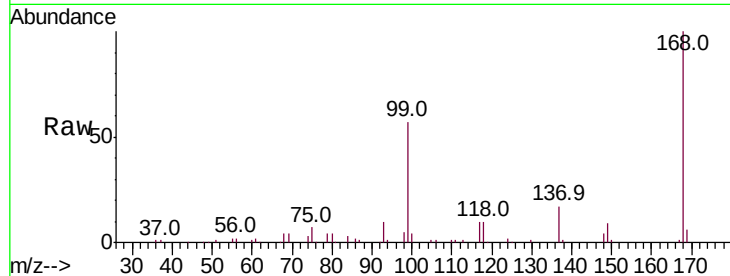
VD9419SBL02

Tot Ion:168 Resp: 509953

Ion Ratio Lower Upper

168 100

99 56.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

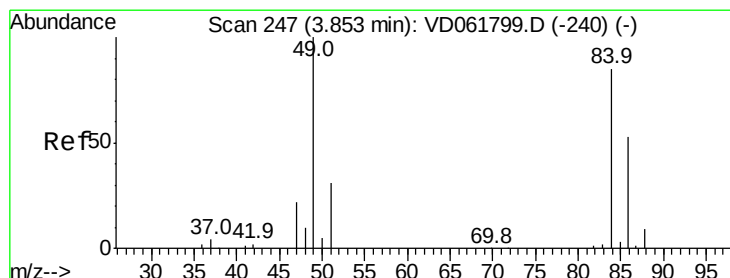
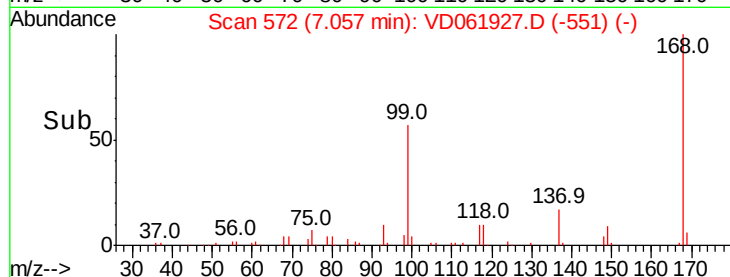
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20 7.30



#20

Methylene Chloride

Concen: 1.369 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061927.D

Acq: 20 Apr 2019 2:33

Tgt Ion: 84 Resp: 30529

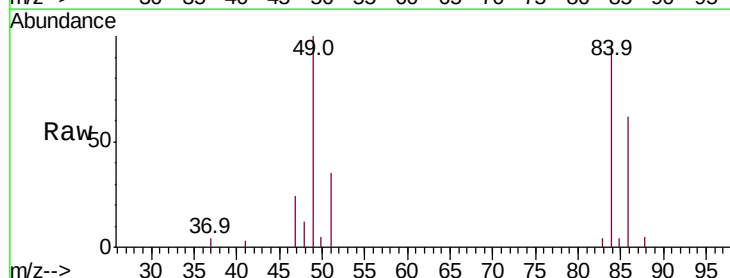
Ion Ratio Lower Upper

84 100

49 105.0 94.0 141.0

51 36.7 29.0 43.4

86 65.1 49.8 74.6



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

3.83

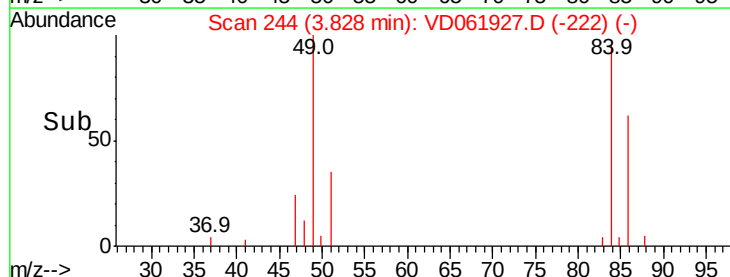
15000

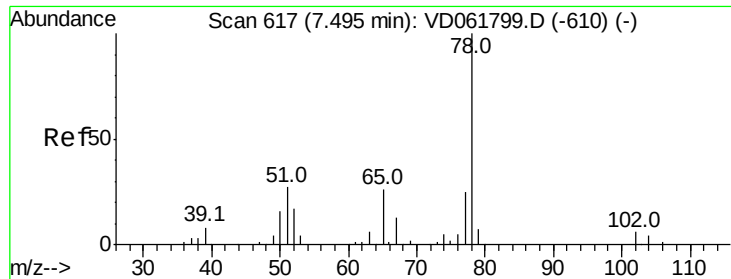
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

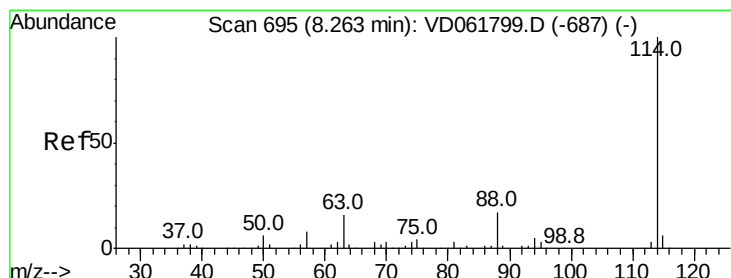
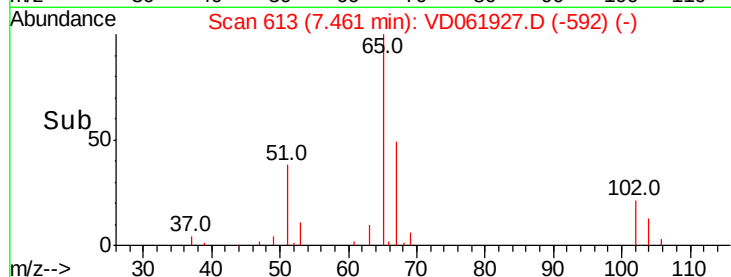
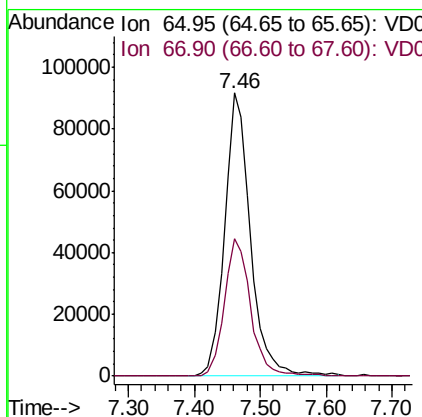
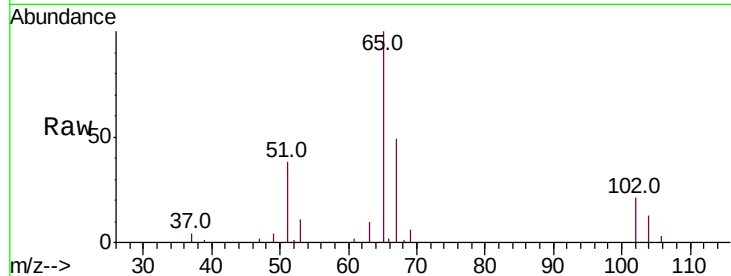




#33
 1,2-Dichloroethane-d4
 Concen: 58.707 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061927.D
 Acq: 20 Apr 2019 2:33

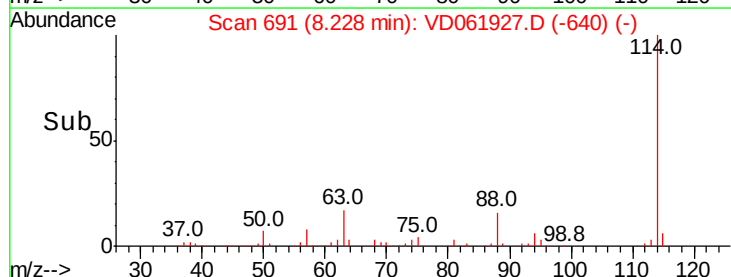
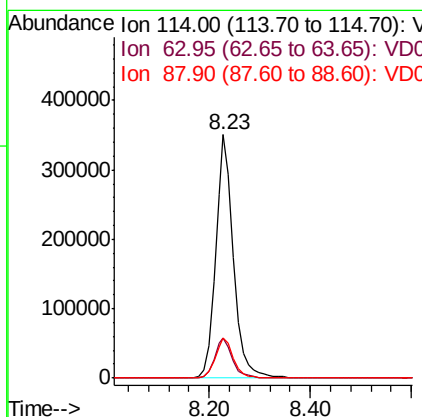
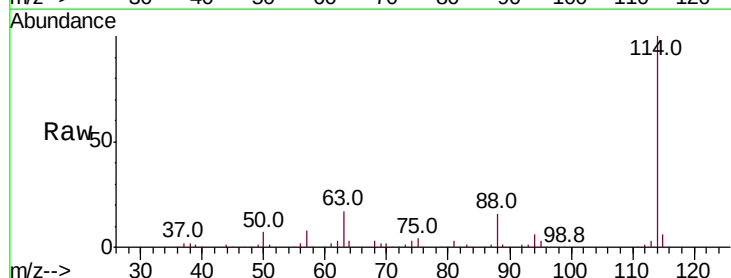
Instrument :
 MSVOA_D
 ClientSampleId :
 VD9419SBL02

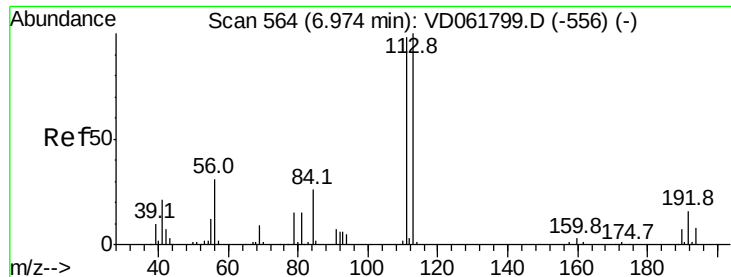
Tot Ion: 65 Resp: 250909
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061927.D
 Acq: 20 Apr 2019 2:33

Tgt Ion: 114 Resp: 862448
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 32.4
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 58.124 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD061927.D

Acq: 20 Apr 2019 2:33

Instrument :

MSVOA_D

ClientSampleId :

VD9419SBL02

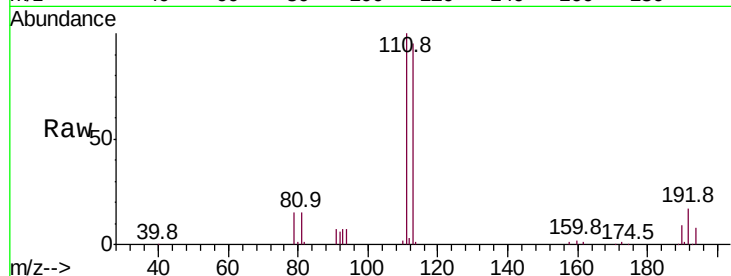
Tot Ion:113 Resp: 378723

Ion Ratio Lower Upper

113 100

111 105.2 78.5 117.7

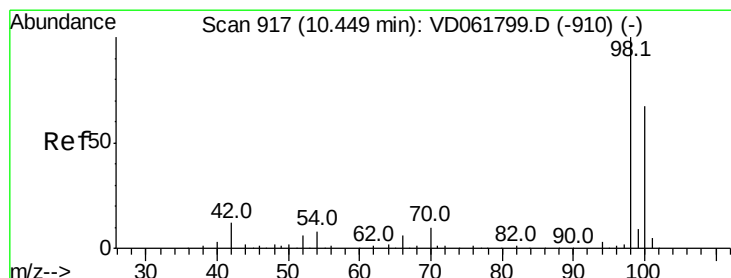
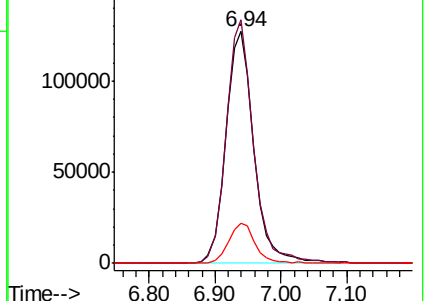
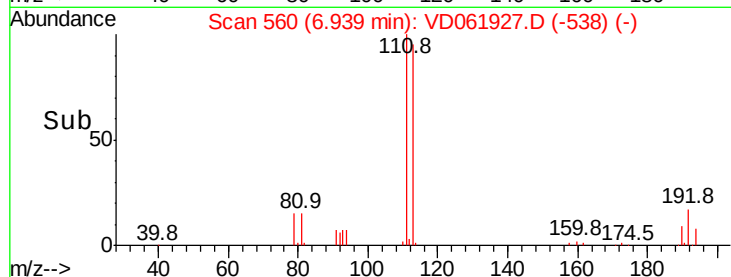
192 17.5 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 50.940 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061927.D

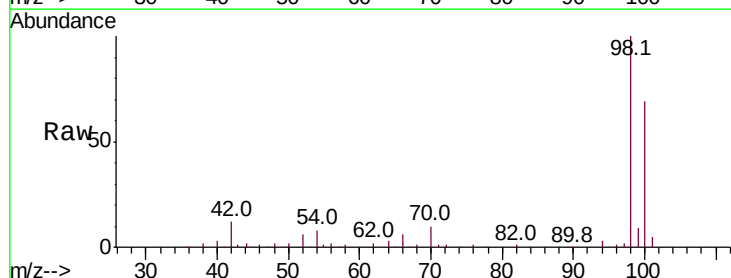
Acq: 20 Apr 2019 2:33

Tgt Ion: 98 Resp: 786450

Ion Ratio Lower Upper

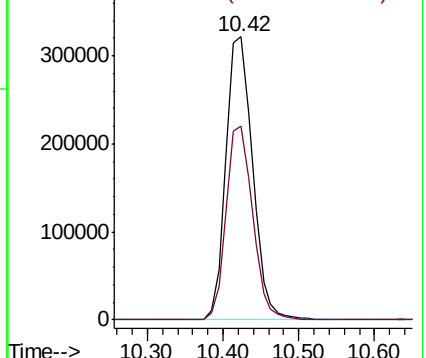
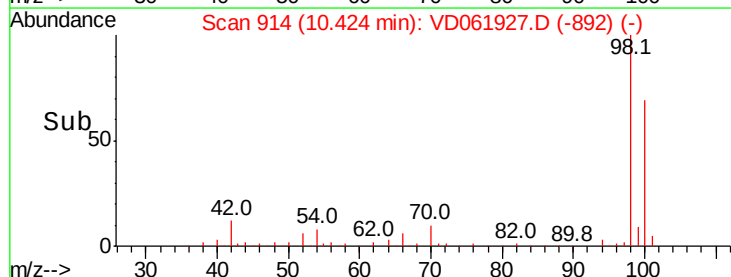
98 100

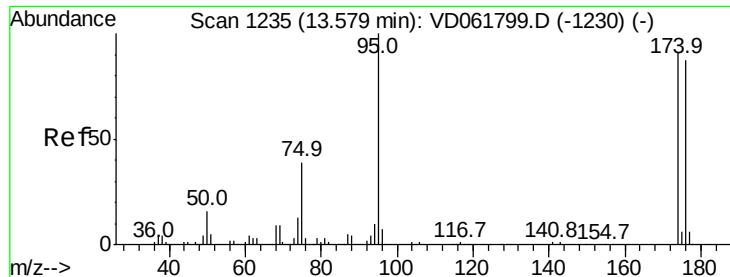
100 68.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 50.935 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061927.D

Acq: 20 Apr 2019 2:33

Instrument :

MSVOA_D

ClientSampleId :

VD9419SBL02

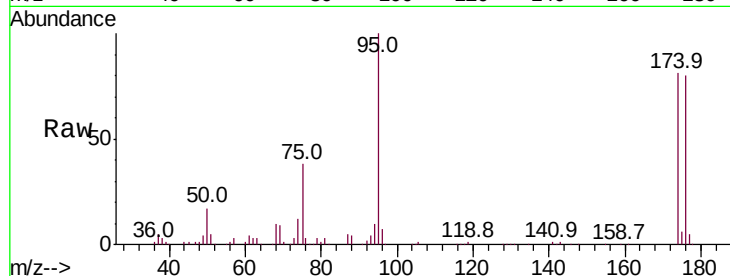
Tot Ion: 95 Resp: 318730

Ion Ratio Lower Upper

95 100

174 81.1 0.0 181.8

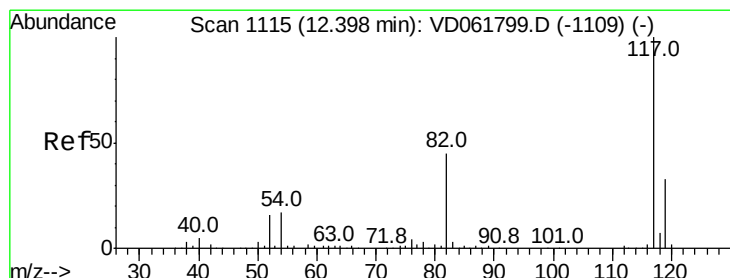
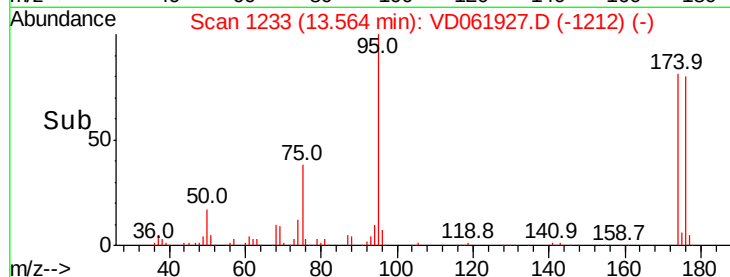
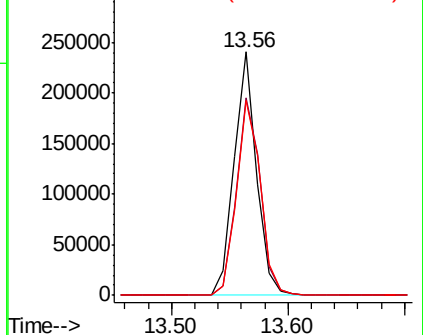
176 79.9 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061927.D

Acq: 20 Apr 2019 2:33

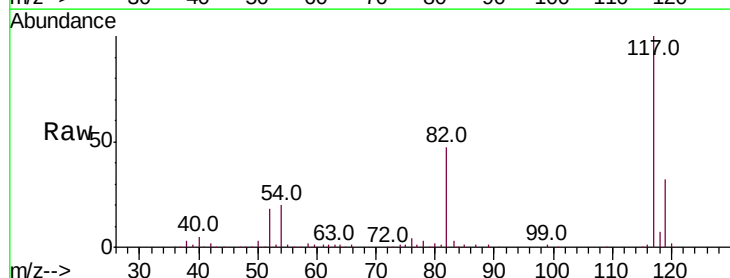
Tgt Ion: 117 Resp: 703766

Ion Ratio Lower Upper

117 100

82 47.2 36.2 54.2

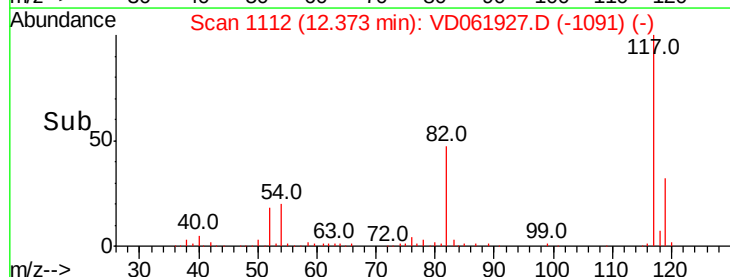
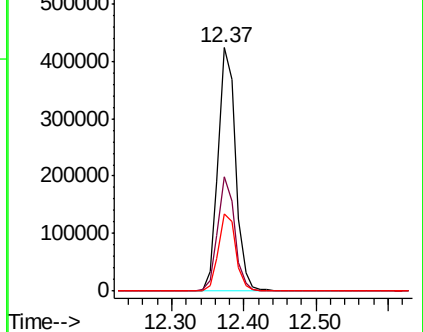
119 31.7 26.2 39.4

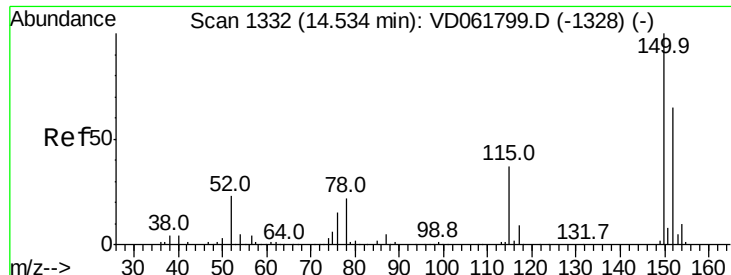


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061927.D
 Acq: 20 Apr 2019 2:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD9419SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	30.9	92.7
150	154.4	0.0	314.8

