

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062377.D
 Acq On : 15 May 2019 6:46
 Operator : FY/SY
 Sample : K2779-01
 Misc : 6.84g/5mL/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-5124

Quant Time: May 15 08:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

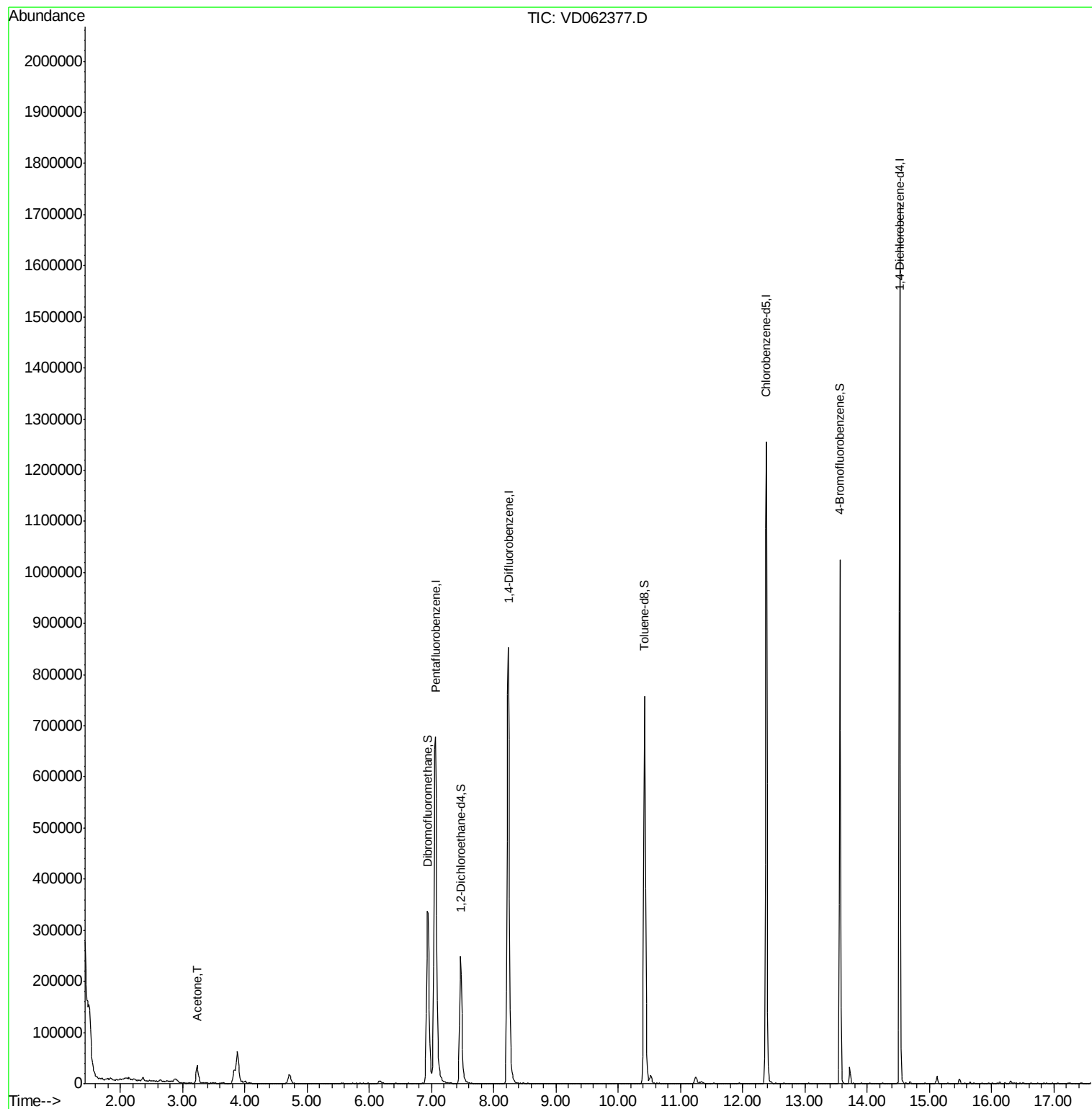
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	643491	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	890376	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	673450	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	337844	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	288131	48.18	ug/l	0.04
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	6.94	113	308078	41.70	ug/l	0.04
Spiked Amount 50.000			Recovery	=	83.40%	
50) Toluene-d8	10.42	98	616312	34.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.20%	
62) 4-Bromofluorobenzene	13.56	95	274247	38.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.68%	
Target Compounds						
16) Acetone	3.24	43	65642	52.343	ug/l #	Qvalue 83

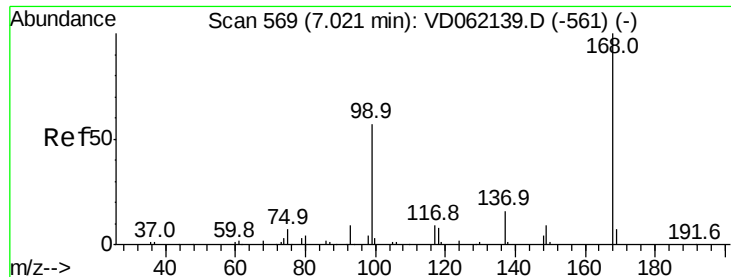
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062377.D

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MSVOA_D

ClientSampleId :

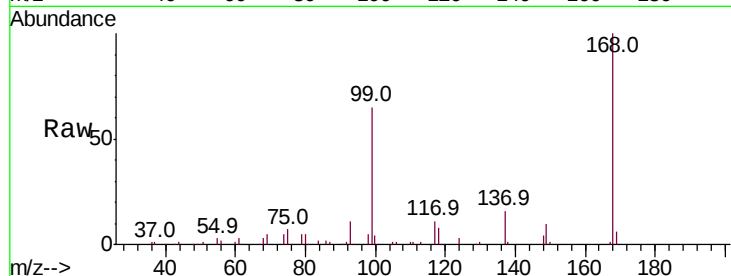
RT-5124

Tot Ion:168 Resp: 643491

Ion Ratio Lower Upper

168 100

99 65.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

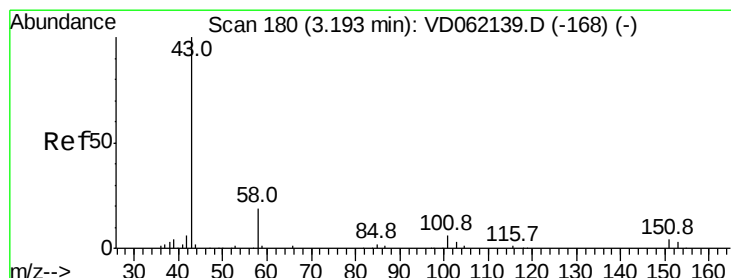
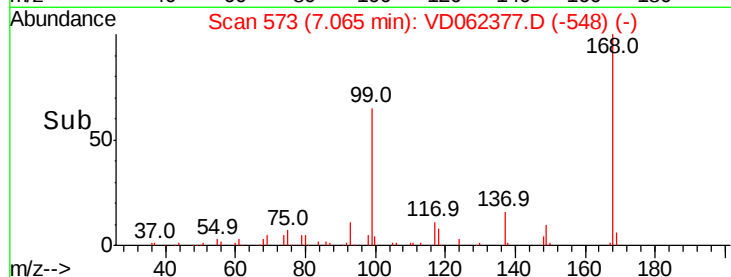
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 52.343 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062377.D

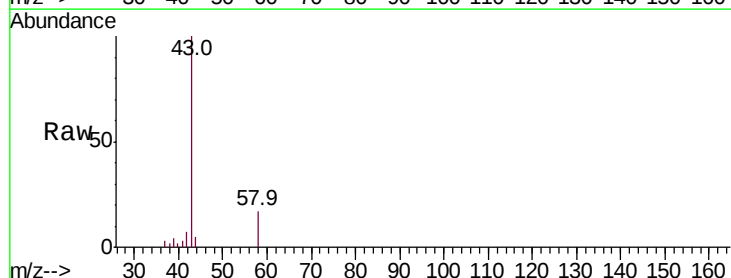
Acq: 15 May 2019 6:46

Tgt Ion: 43 Resp: 65642

Ion Ratio Lower Upper

43 100

58 16.6 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

25000

20000

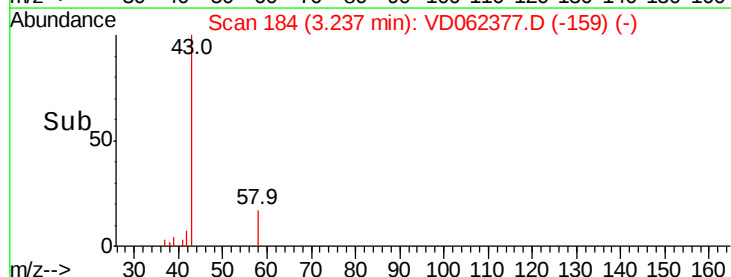
15000

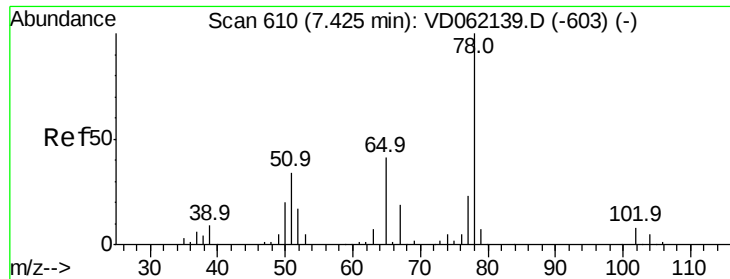
10000

5000

0

Time--> 3.15 3.20 3.25 3.30 3.35





#33

1,2-Dichloroethane-d4

Concen: 48.182 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062377.D

Acq: 15 May 2019 6:46

Instrument :

MSVOA_D

ClientSampleId :

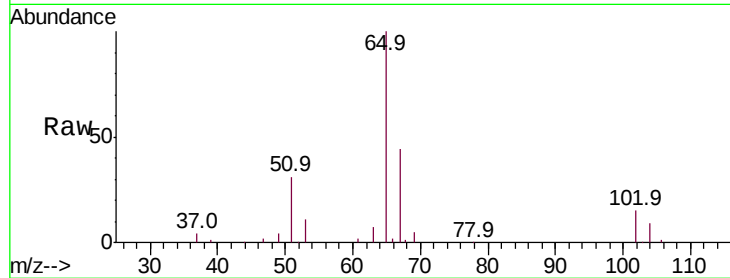
RT-5124

Tot Ion: 65 Resp: 288131

Ion Ratio Lower Upper

65 100

67 44.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

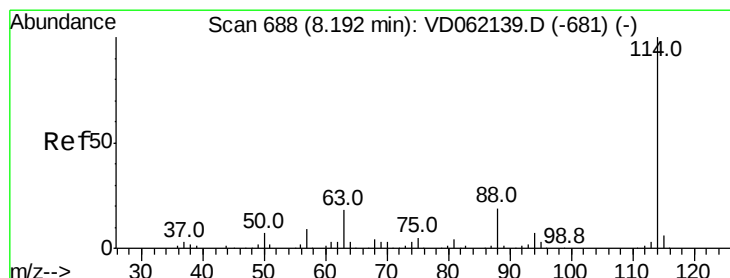
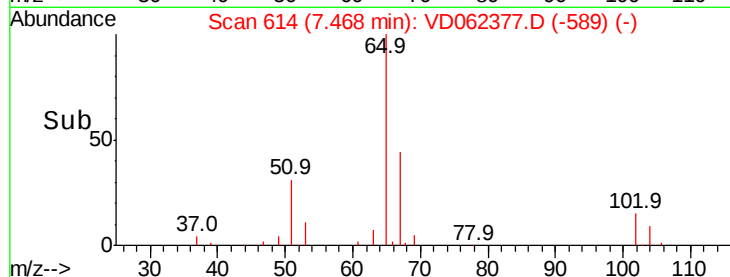
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062377.D

Acq: 15 May 2019 6:46

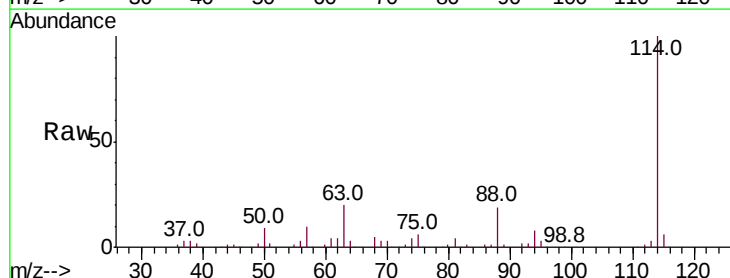
Tgt Ion: 114 Resp: 890376

Ion Ratio Lower Upper

114 100

63 20.0 0.0 32.4

88 19.4 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.24

400000

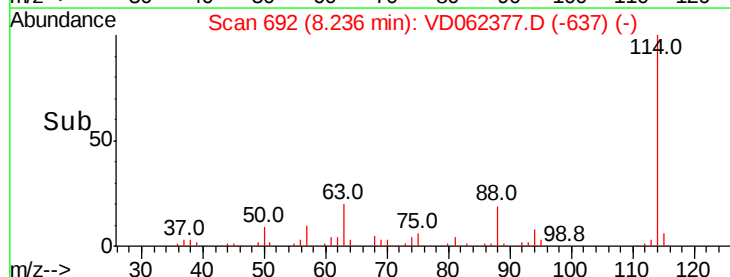
300000

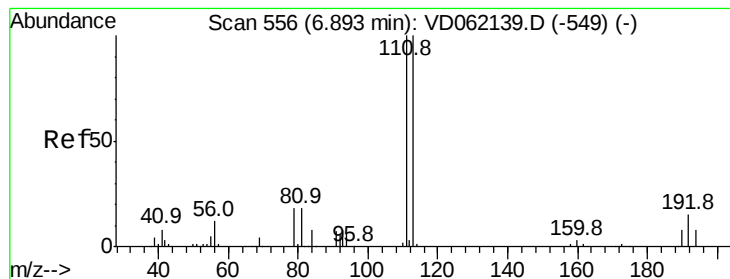
200000

100000

0

Time--> 8.10 8.20 8.30 8.40 8.50





#35

Dibromofluoromethane

Concen: 41.702 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062377.D

Acq: 15 May 2019 6:46

Instrument :

MSVOA_D

ClientSampleId :

RT-5124

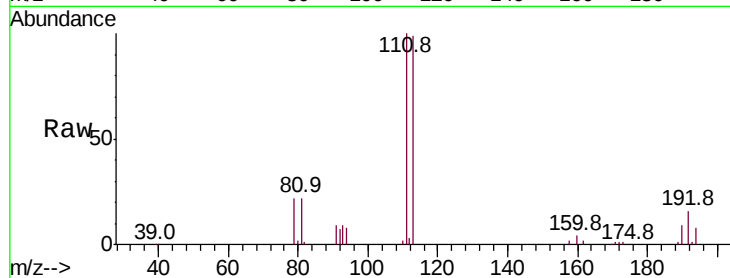
Tot Ion:113 Resp: 308078

Ion Ratio Lower Upper

113 100

111 100.8 78.5 117.7

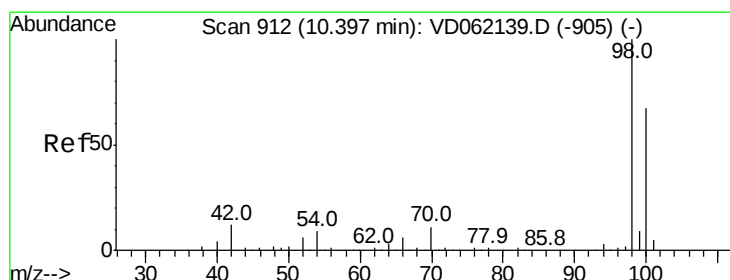
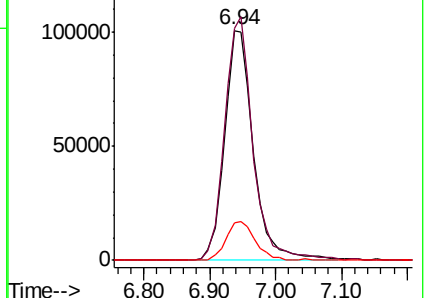
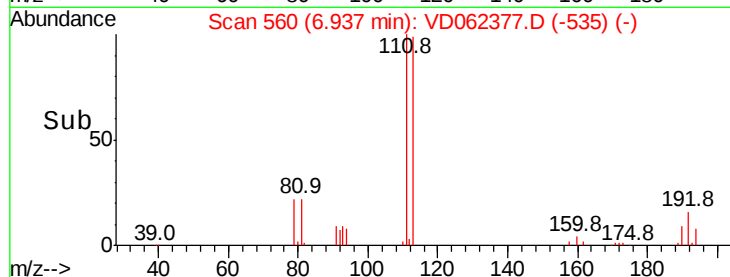
192 16.5 13.0 19.4



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: 34.601 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062377.D

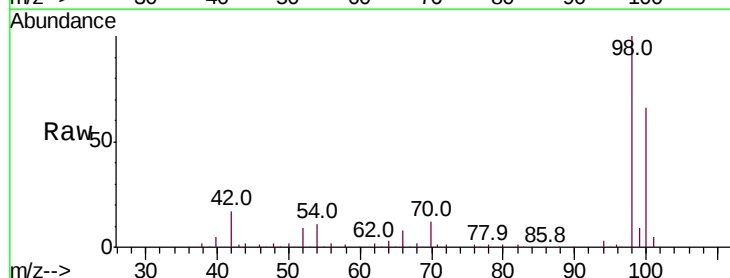
Acq: 15 May 2019 6:46

Tgt Ion: 98 Resp: 616312

Ion Ratio Lower Upper

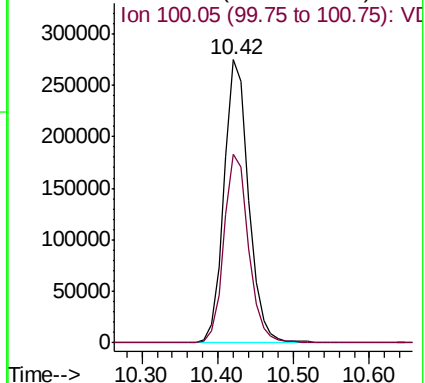
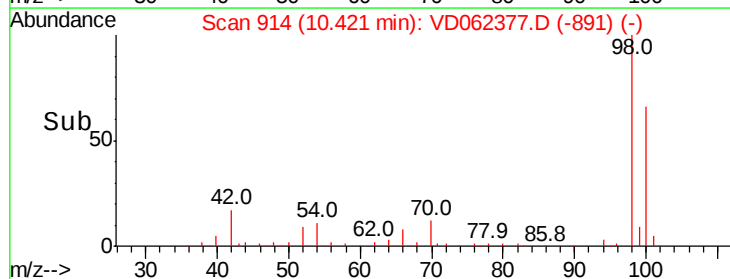
98 100

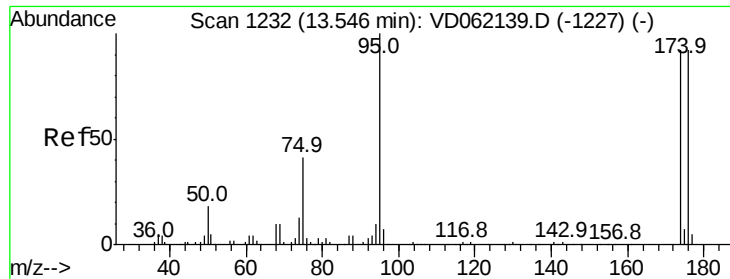
100 66.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

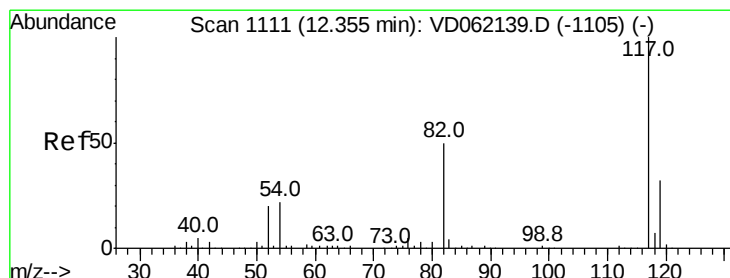
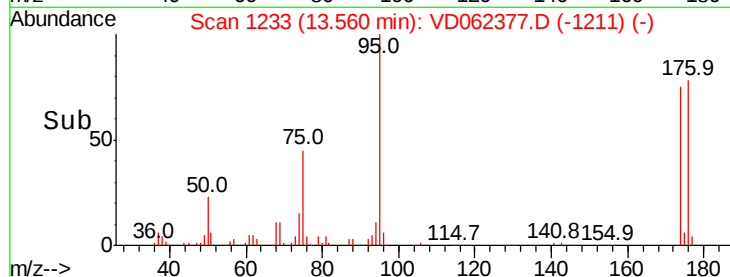
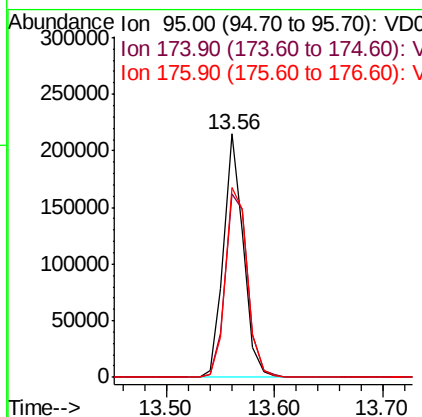
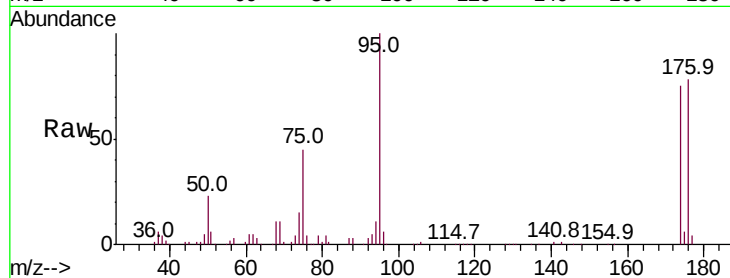




#62
 4-Bromofluorobenzene
 Concen: 38.342 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD062377.D
 Acq: 15 May 2019 6:46

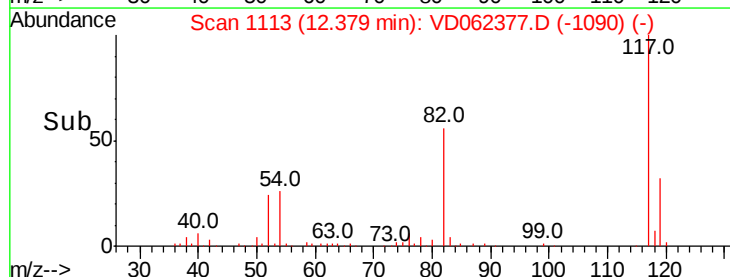
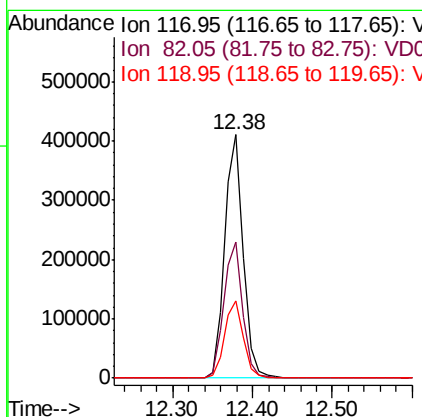
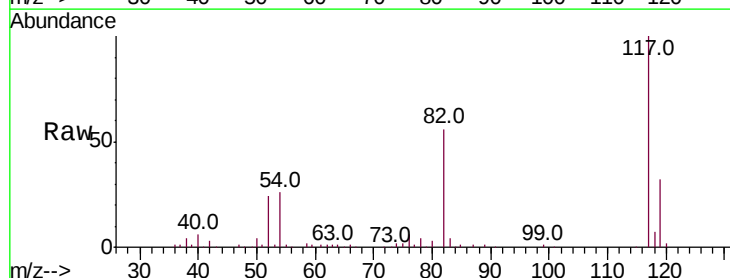
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-5124

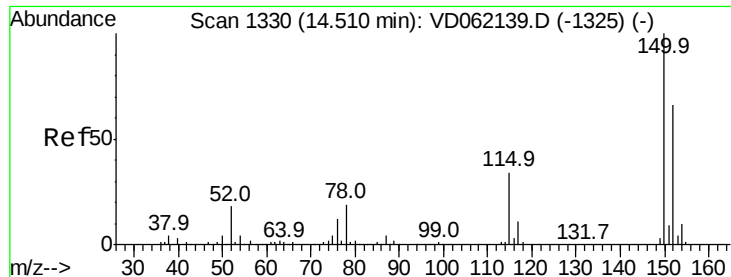
Tot Ion:	95	Resp:	274247
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	181.8
176	78.2	0.0	174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD062377.D
 Acq: 15 May 2019 6:46

Tgt Ion:	117	Resp:	673450
Ion	Ratio	Lower	Upper
117	100		
82	55.9	36.2	54.2#
119	32.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062377.D

Acq: 15 May 2019 6:46

Instrument :

MSVOA_D

ClientSampleId :

RT-5124

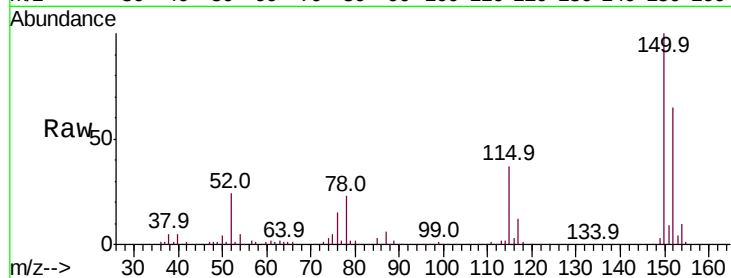
Tot Ion:152 Resp: 337844

Ion Ratio Lower Upper

152 100

115 56.2 30.9 92.7

150 153.0 0.0 314.8



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

