

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062046.D
 Acq On : 25 Apr 2019 18:52
 Operator : VA/AP
 Sample : K2553-04
 Misc : 6.06g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 01:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

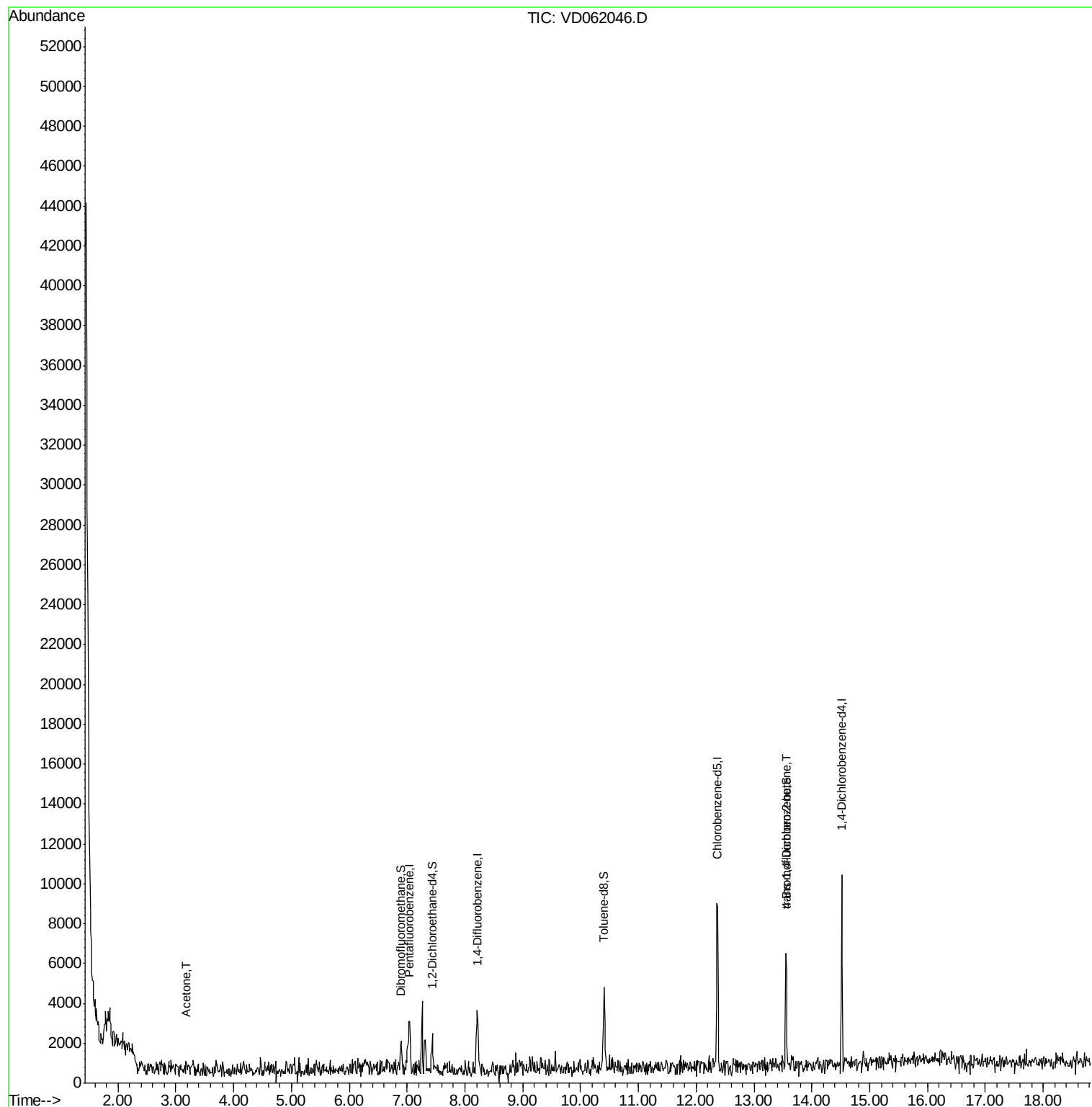
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	3179	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	6466	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	6240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	2365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	1712	68.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	137.62%	
35) Dibromofluoromethane	6.90	113	1402	31.35	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	62.70%	
50) Toluene-d8	10.41	98	5084	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	13.55	95	2276	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
Target Compounds						
16) Acetone	3.18	43	192	32.319	ug/l #	50
81) trans-1,4-Dichloro-2-buten	13.55	75	633	69.554	ug/l #	16

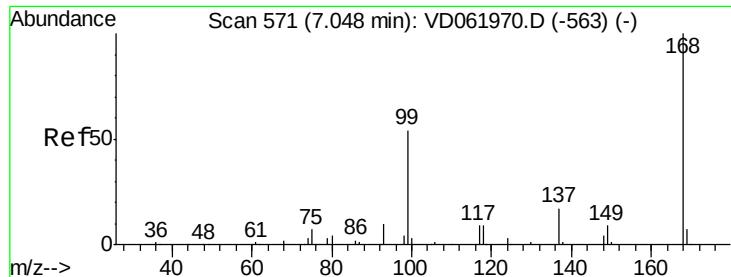
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042519\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062046.D

Acq: 25 Apr 2019 18:52

Instrument :

MSVOA_D

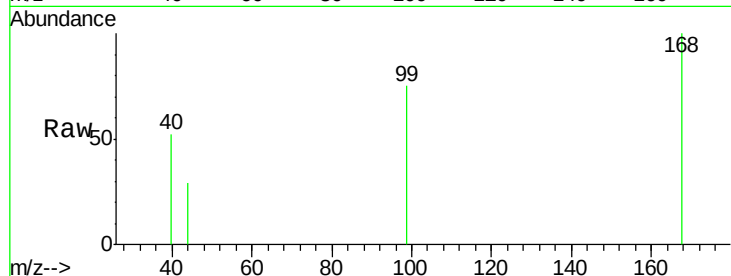
ClientSampleId :

Tot Ion:168 Resp: 3179

Ion Ratio Lower Upper

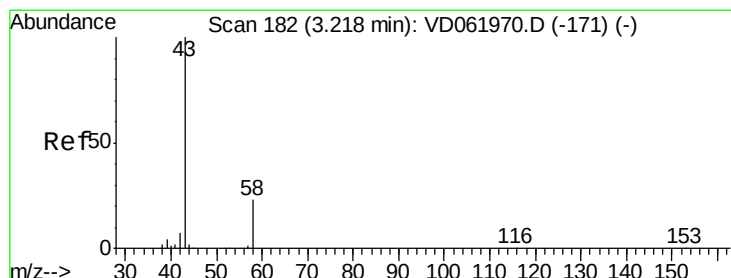
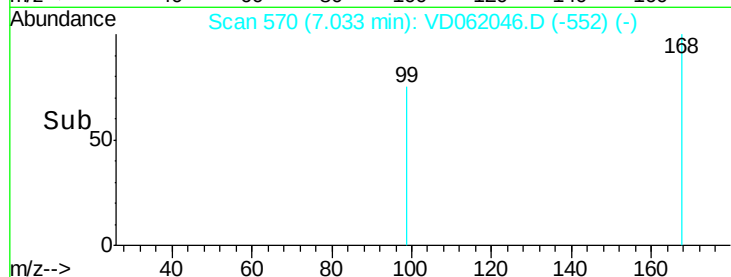
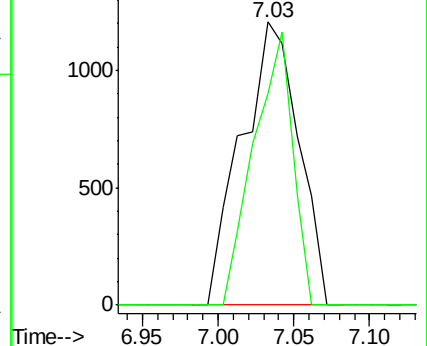
168 100

99 75.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 32.319 ug/l

RT: 3.18 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD062046.D

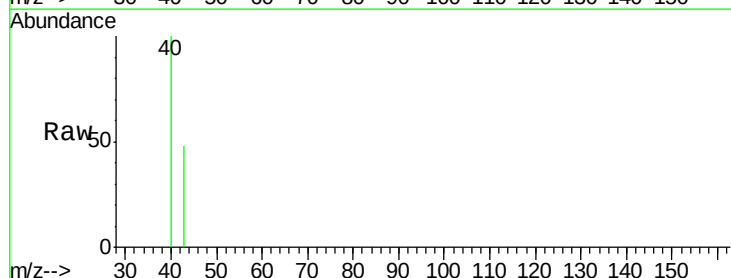
Acq: 25 Apr 2019 18:52

Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

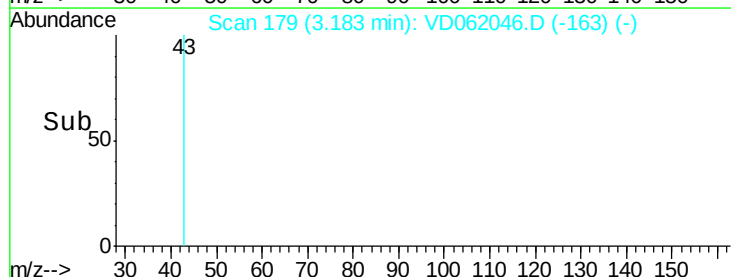
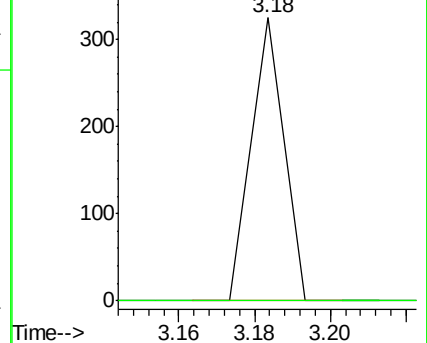
43 100

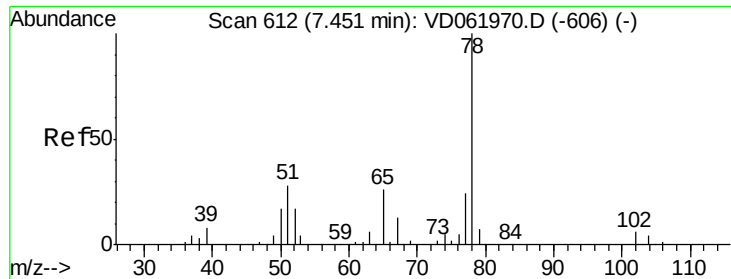
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

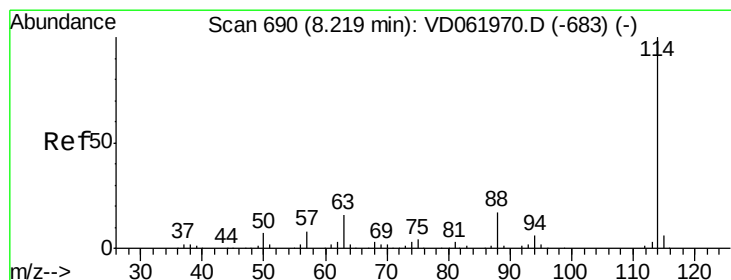
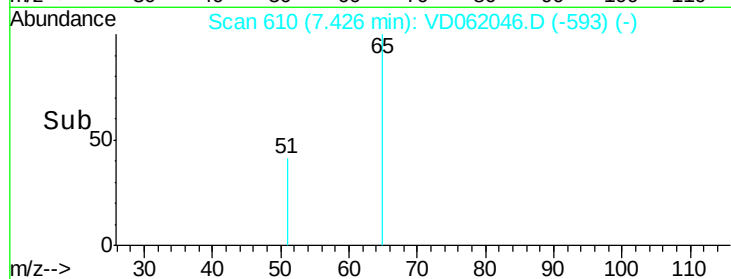
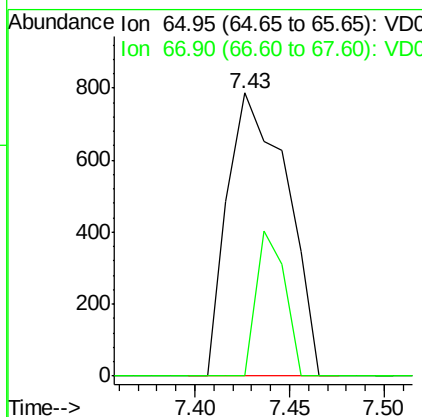
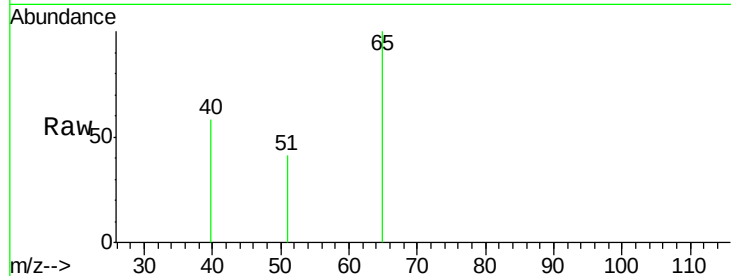




#33
 1,2-Dichloroethane-d4
 Concen: 68.808 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062046.D
 Acq: 25 Apr 2019 18:52

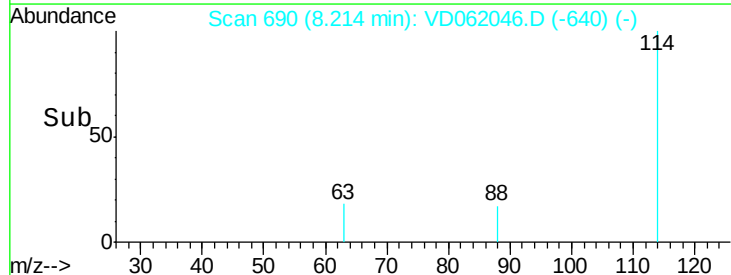
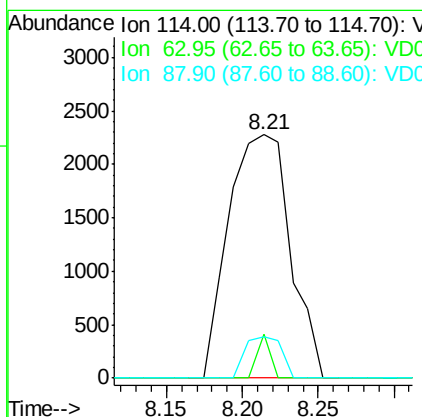
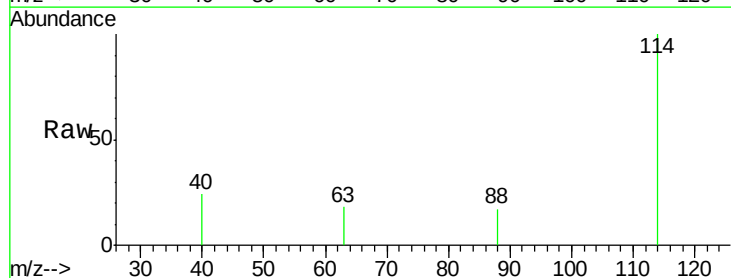
Instrument :
 MSVOA_D
 ClientSampled :

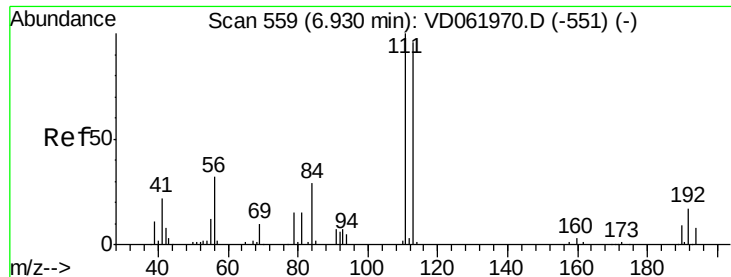
Tot Ion: 65 Resp: 1712
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062046.D
 Acq: 25 Apr 2019 18:52

Tgt Ion: 114 Resp: 6466
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 32.4
 88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 31.352 ug/l

RT: 6.90 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD062046.D

Acq: 25 Apr 2019 18:52

Instrument :

MSVOA_D

ClientSampleId :

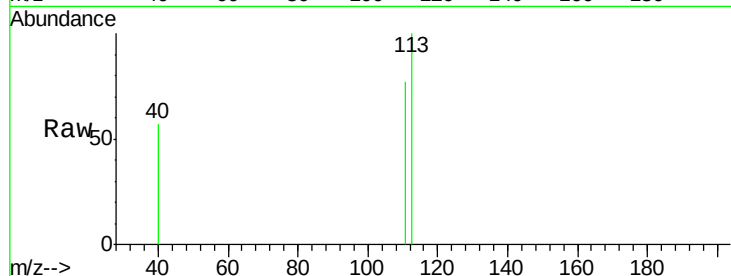
Tot Ion:113 Resp: 1402

Ion Ratio Lower Upper

113 100

111 77.0 78.5 117.7#

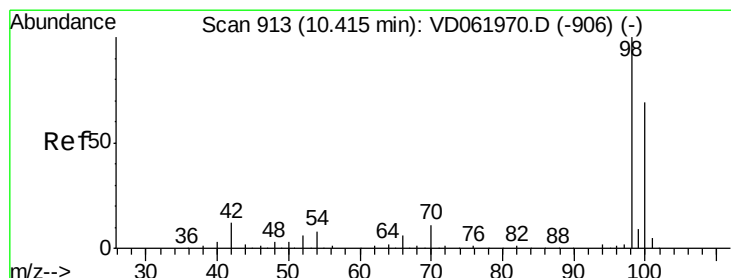
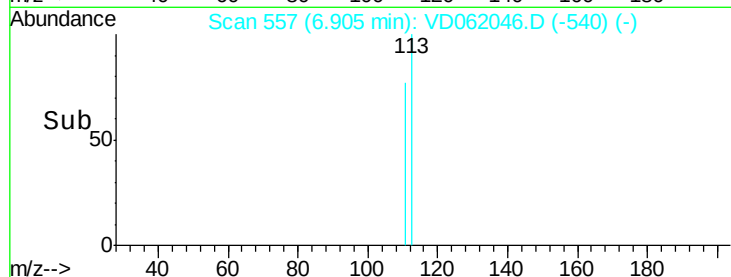
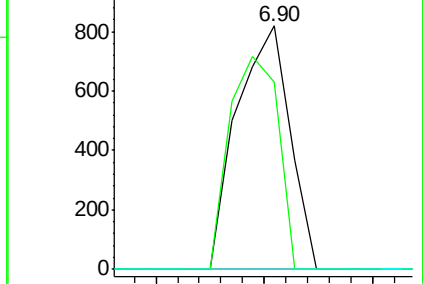
192 0.0 13.0 19.4#



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: 47.778 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062046.D

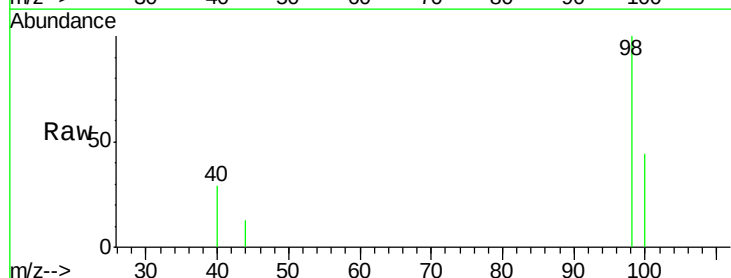
Acq: 25 Apr 2019 18:52

Tgt Ion: 98 Resp: 5084

Ion Ratio Lower Upper

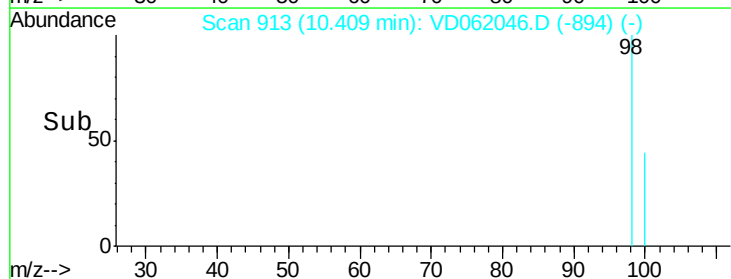
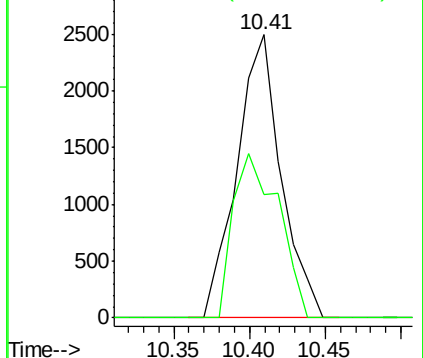
98 100

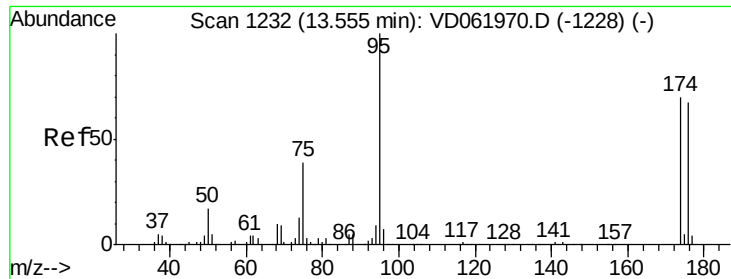
100 43.6 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

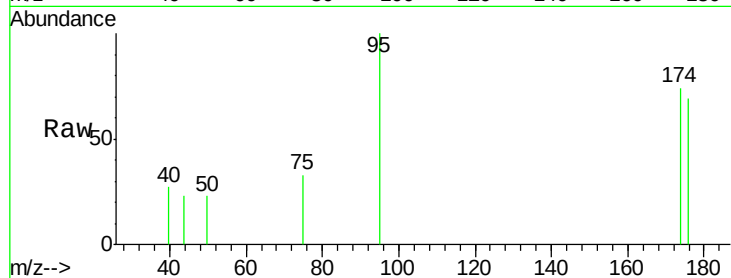




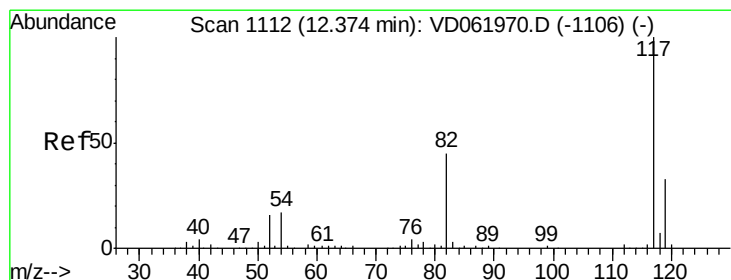
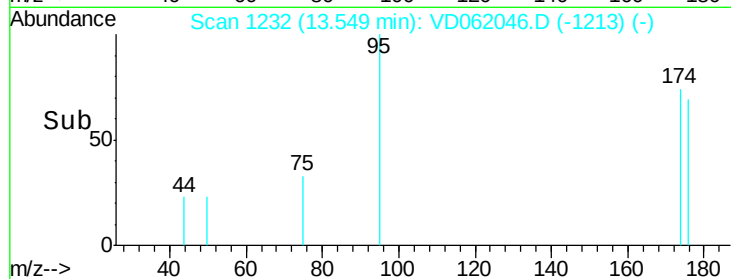
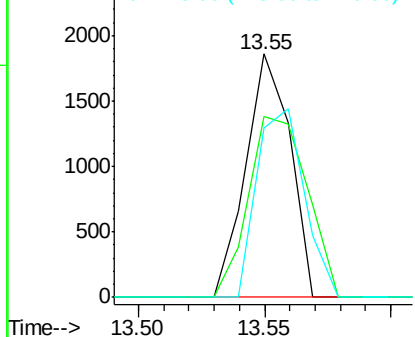
#62
4-Bromofluorobenzene
Concen: 53.328 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062046.D
Acq: 25 Apr 2019 18:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 2276
Ion Ratio Lower Upper
95 100
174 74.0 0.0 181.8
176 69.3 0.0 174.4

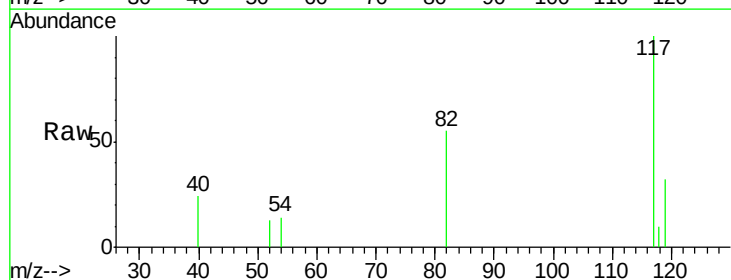


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

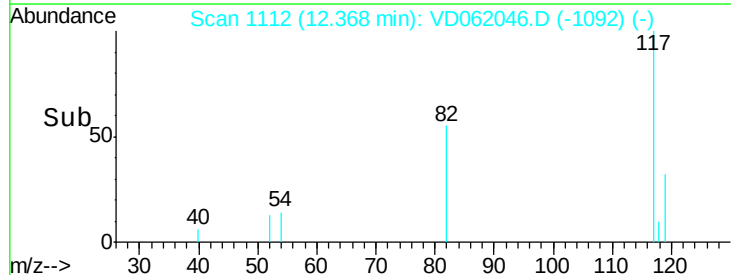
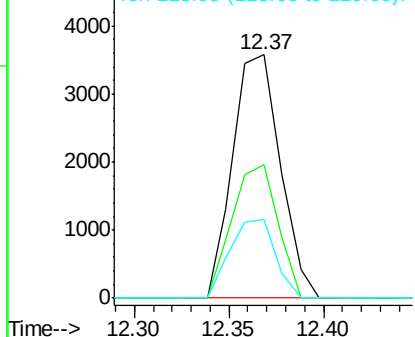


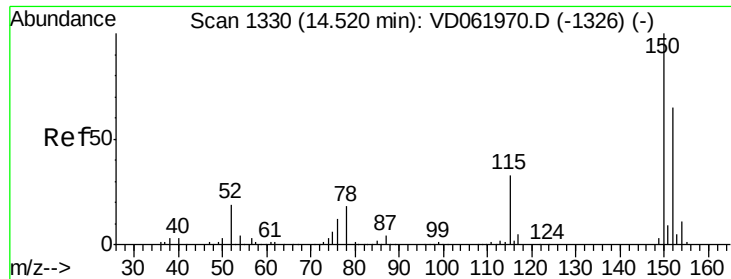
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062046.D
Acq: 25 Apr 2019 18:52

Tgt Ion: 117 Resp: 6240
Ion Ratio Lower Upper
117 100
82 55.0 36.2 54.2#
119 32.3 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

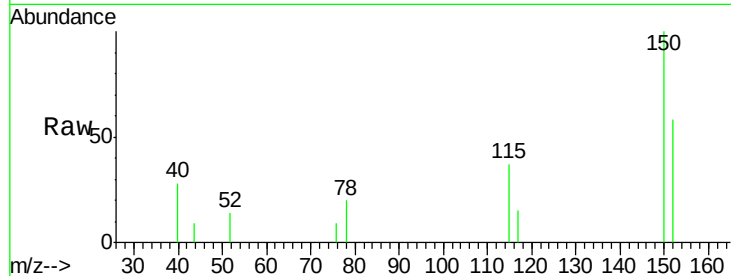




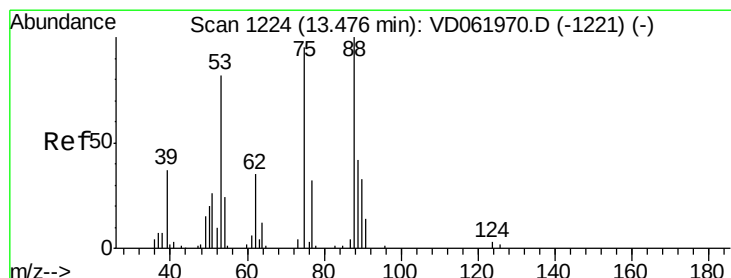
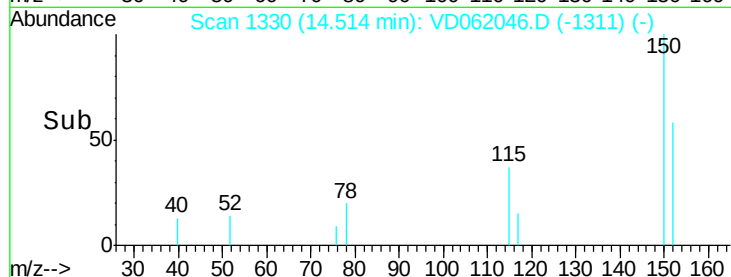
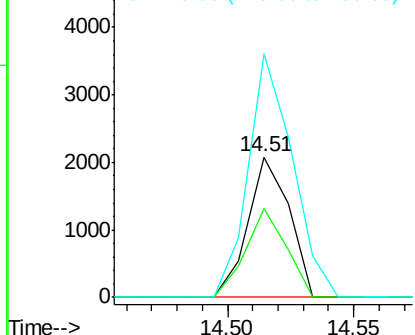
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062046.D
 Acq: 25 Apr 2019 18:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 2365
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.9 92.7
 150 173.9 0.0 314.8

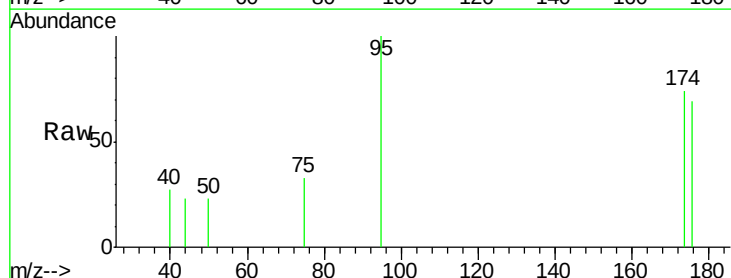


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.554 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062046.D
 Acq: 25 Apr 2019 18:52

Tgt Ion: 75 Resp: 633
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC

