

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063036.D
 Acq On : 8 Jul 2019 15:10
 Operator : VA/AP
 Sample : K3622-01
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-070319-A

Quant Time: Jul 09 05:37:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1121186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1583663	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1261932	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	555531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	500764	41.09	ug/l	-0.01
Spiked Amount						
			Recovery	=		82.18%
35) Dibromofluoromethane	6.93	113	535745	40.12	ug/l	0.00
Spiked Amount						
			Recovery	=		80.24%
50) Toluene-d8	10.41	98	1095449	37.69	ug/l	0.00
Spiked Amount						
			Recovery	=		75.38%
62) 4-Bromofluorobenzene	13.55	95	450463	34.09	ug/l	0.00
Spiked Amount						
			Recovery	=		68.18%

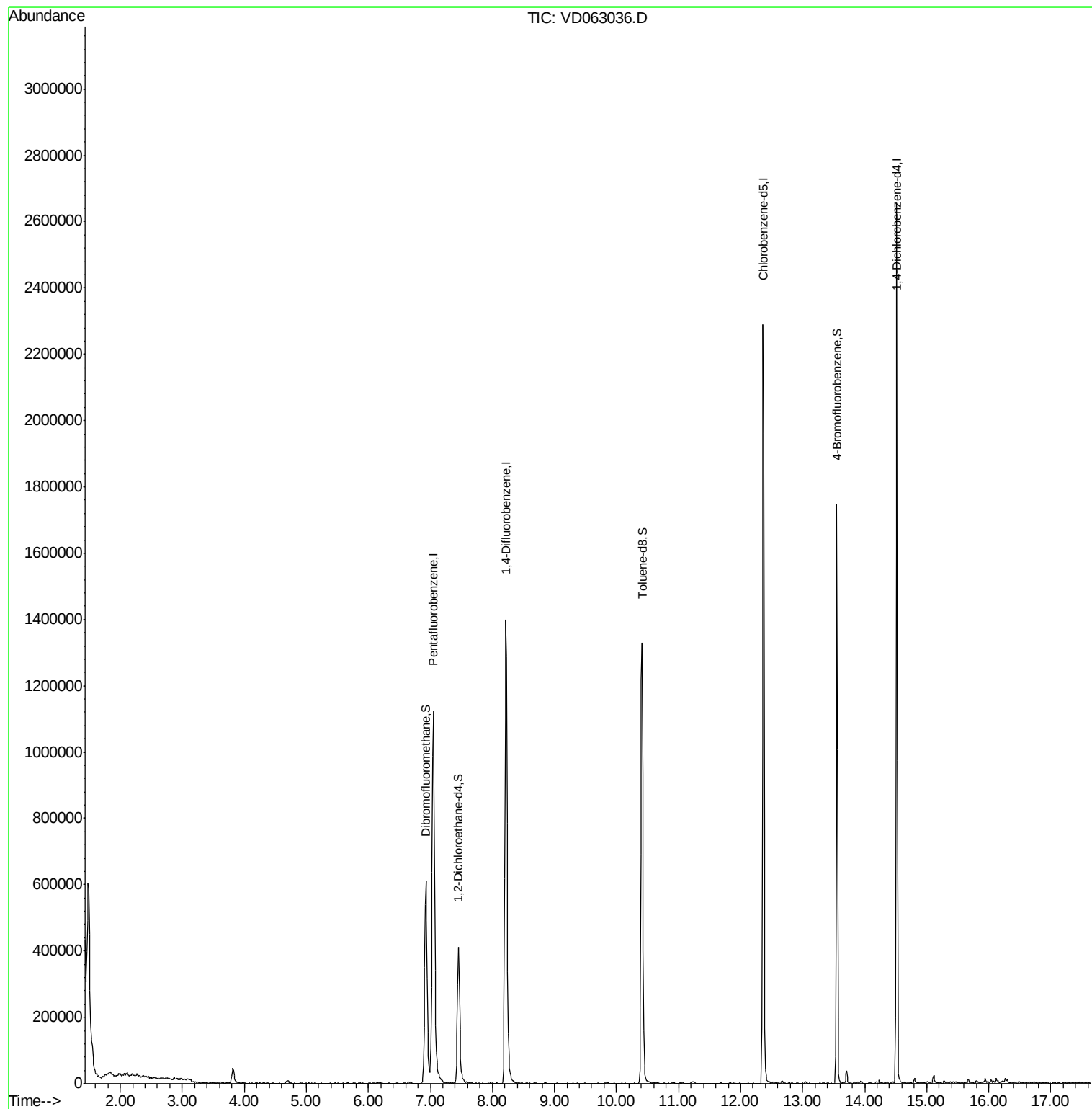
Target Compounds	Qvalue
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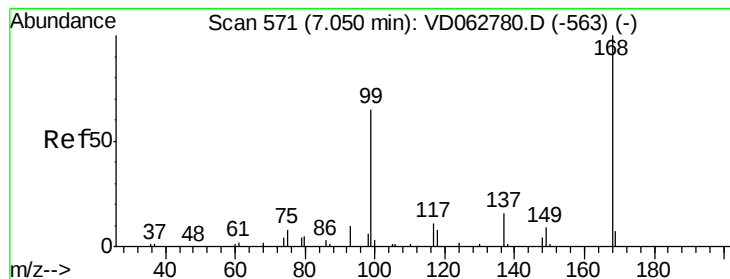
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063036.D

Acq: 8 Jul 2019 15:10

Instrument :

MSVOA_D

ClientSampleId :

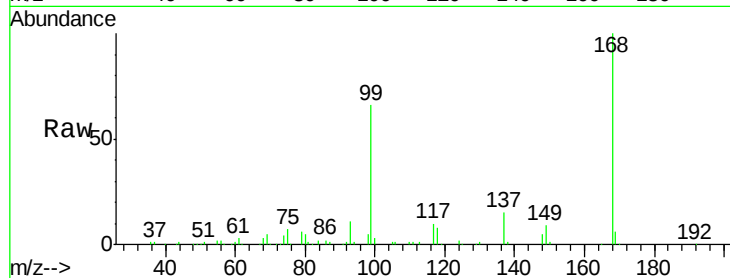
OR-02-070319-A

Tot Ion:168 Resp: 1121186

Ion Ratio Lower Upper

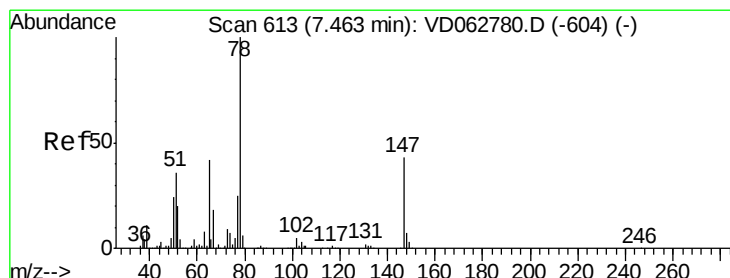
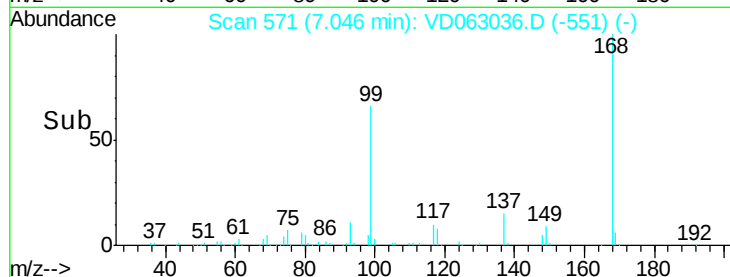
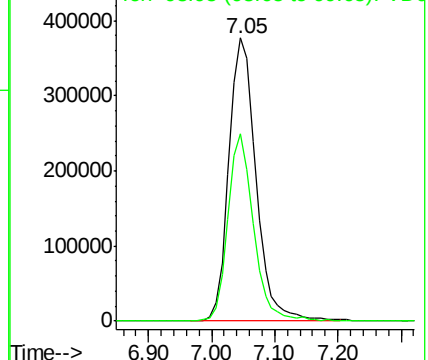
168 100

99 66.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 41.090 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063036.D

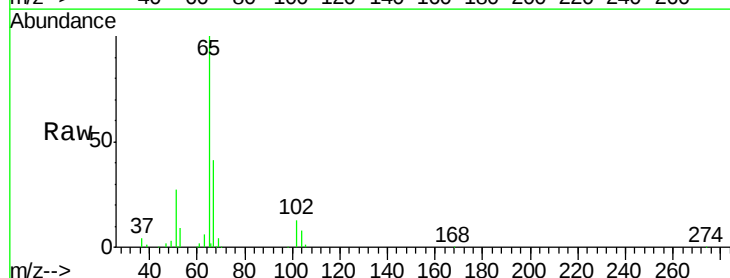
Acq: 8 Jul 2019 15:10

Tgt Ion: 65 Resp: 500764

Ion Ratio Lower Upper

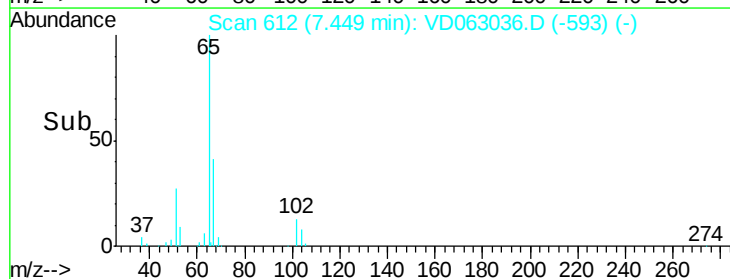
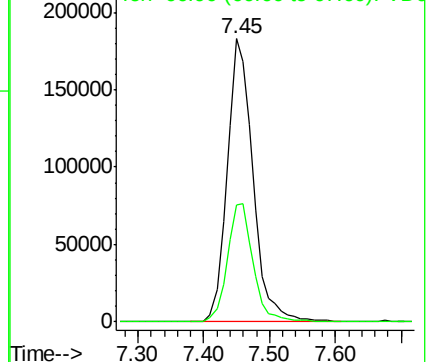
65 100

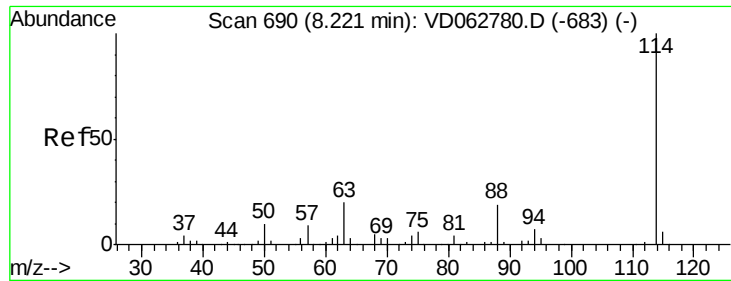
67 41.5 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

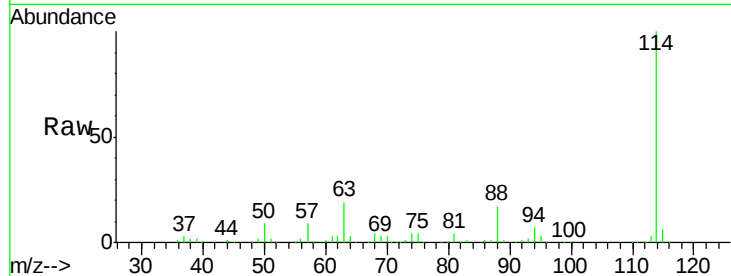




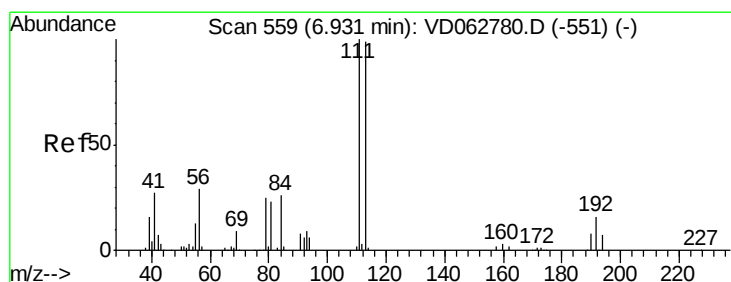
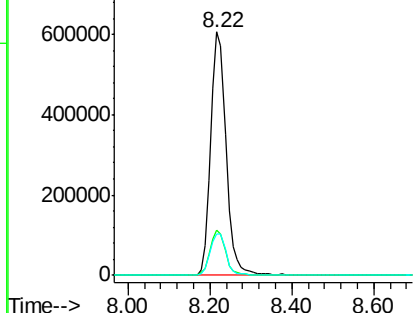
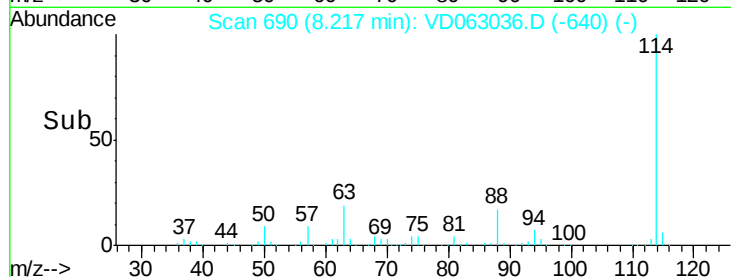
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD063036.D
 Acq: 8 Jul 2019 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-070319-A

Tot Ion:114 Resp: 1583663
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 16.8 0.0 38.8

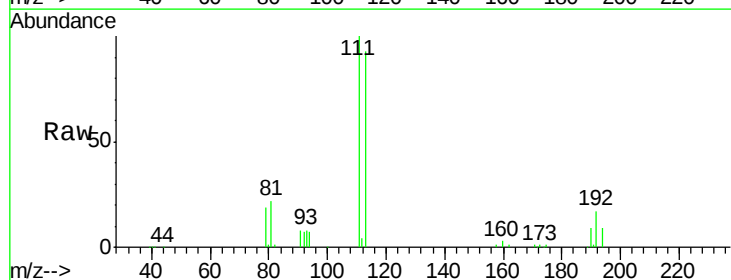


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

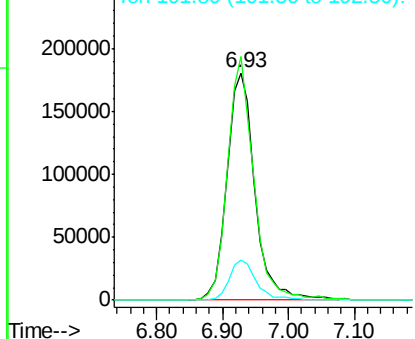
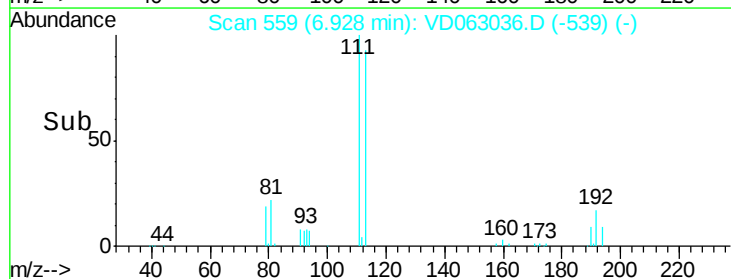


#35
 Dibromofluoromethane
 Concen: 40.121 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD063036.D
 Acq: 8 Jul 2019 15:10

Tgt Ion:113 Resp: 535745
 Ion Ratio Lower Upper
 113 100
 111 107.0 81.2 121.8
 192 17.8 12.9 19.3



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

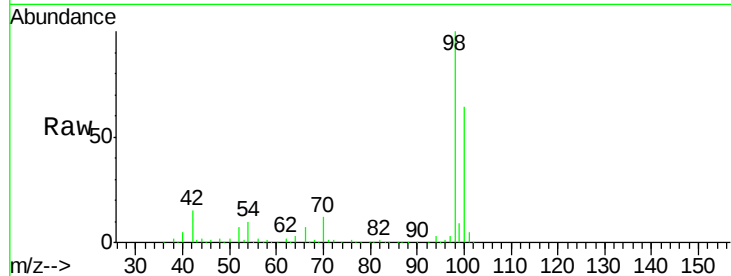




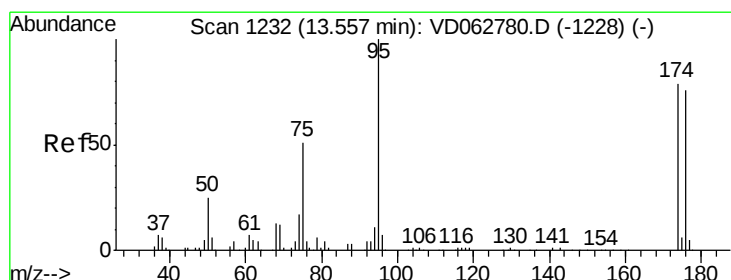
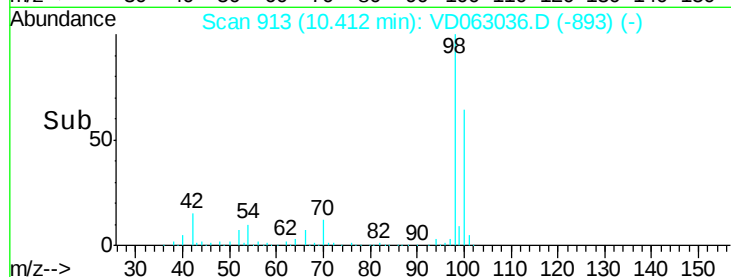
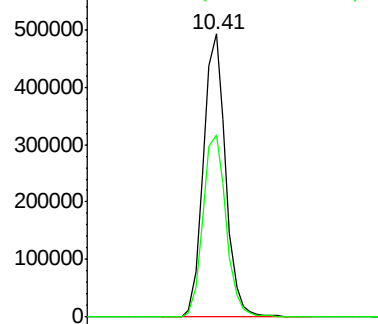
#50
Toluene-d8
Concen: 37.692 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063036.D
Acq: 8 Jul 2019 15:10

Instrument :
MSVOA_D
ClientSampleId :
OR-02-070319-A

Tot Ion: 98 Resp: 1095449
Ion Ratio Lower Upper
98 100
100 64.4 54.7 82.1

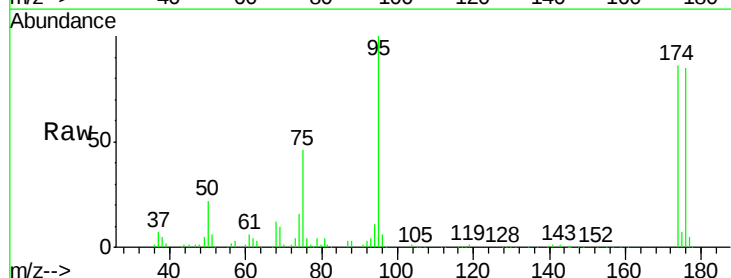


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

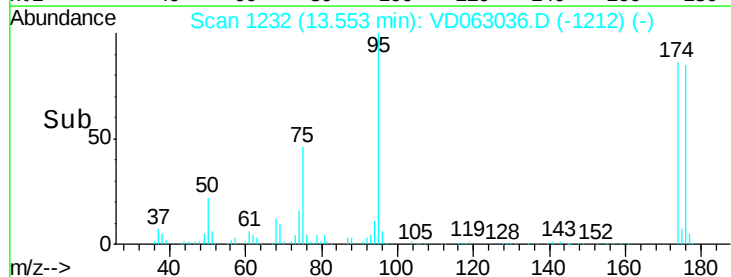
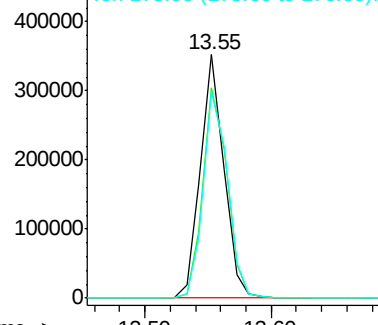


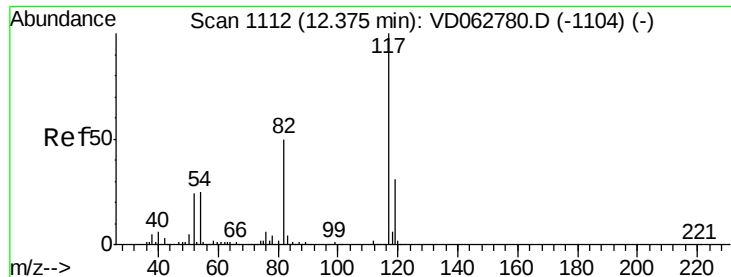
#62
4-Bromofluorobenzene
Concen: 34.087 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063036.D
Acq: 8 Jul 2019 15:10

Tgt Ion: 95 Resp: 450463
Ion Ratio Lower Upper
95 100
174 86.2 0.0 158.0
176 84.6 0.0 151.6



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

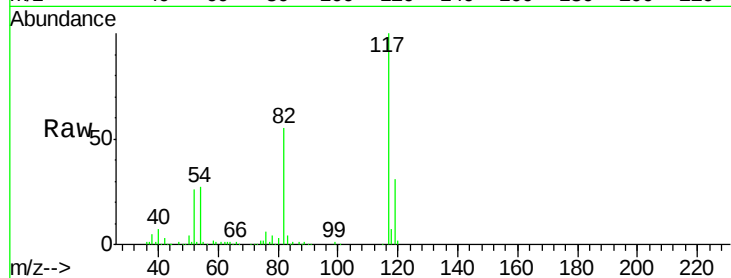




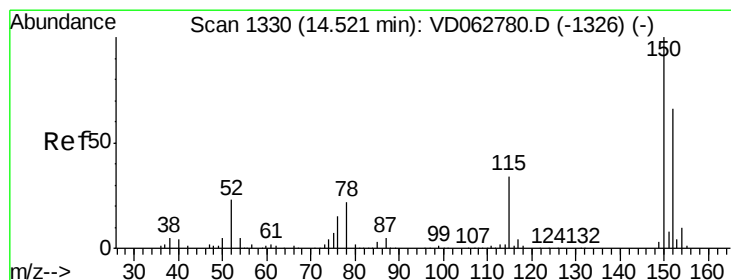
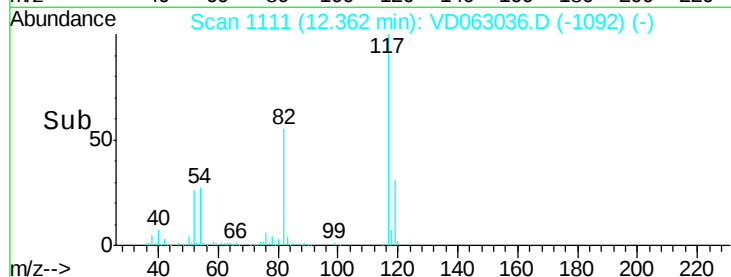
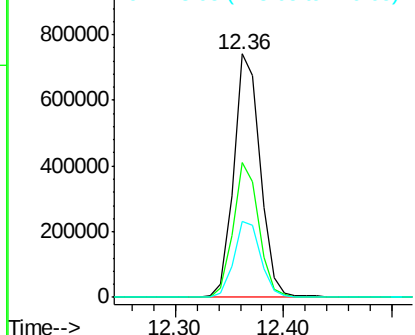
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063036.D
Acq: 8 Jul 2019 15:10

Instrument :
MSVOA_D
ClientSampleId :
OR-02-070319-A

Tot Ion:117 Resp: 1261932
Ion Ratio Lower Upper
117 100
82 55.3 40.4 60.6
119 31.3 25.2 37.8

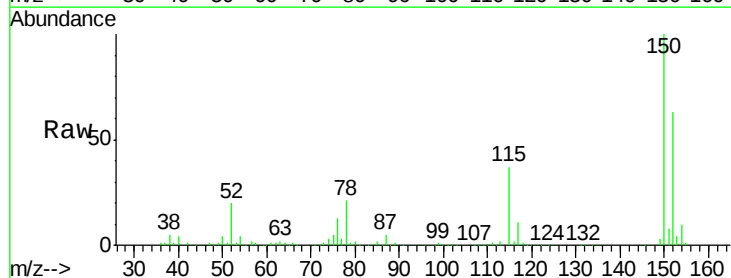


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063036.D
Acq: 8 Jul 2019 15:10

Tgt Ion:152 Resp: 555531
Ion Ratio Lower Upper
152 100
115 59.3 29.2 87.6
150 159.2 0.0 305.8



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

