

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062607.D
 Acq On : 4 Jun 2019 19:20
 Operator : FY/SY
 Sample : K3165-04RE
 Misc : 5.06g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Quant Time: Jun 05 04:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	53732	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	78456	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	80432	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	40996	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	82513	130.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	261.94%	
35) Dibromofluoromethane	6.92	113	60358	84.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	168.84%	
50) Toluene-d8	10.41	98	92669	59.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.32%	
62) 4-Bromofluorobenzene	13.55	95	45895	64.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.94%	

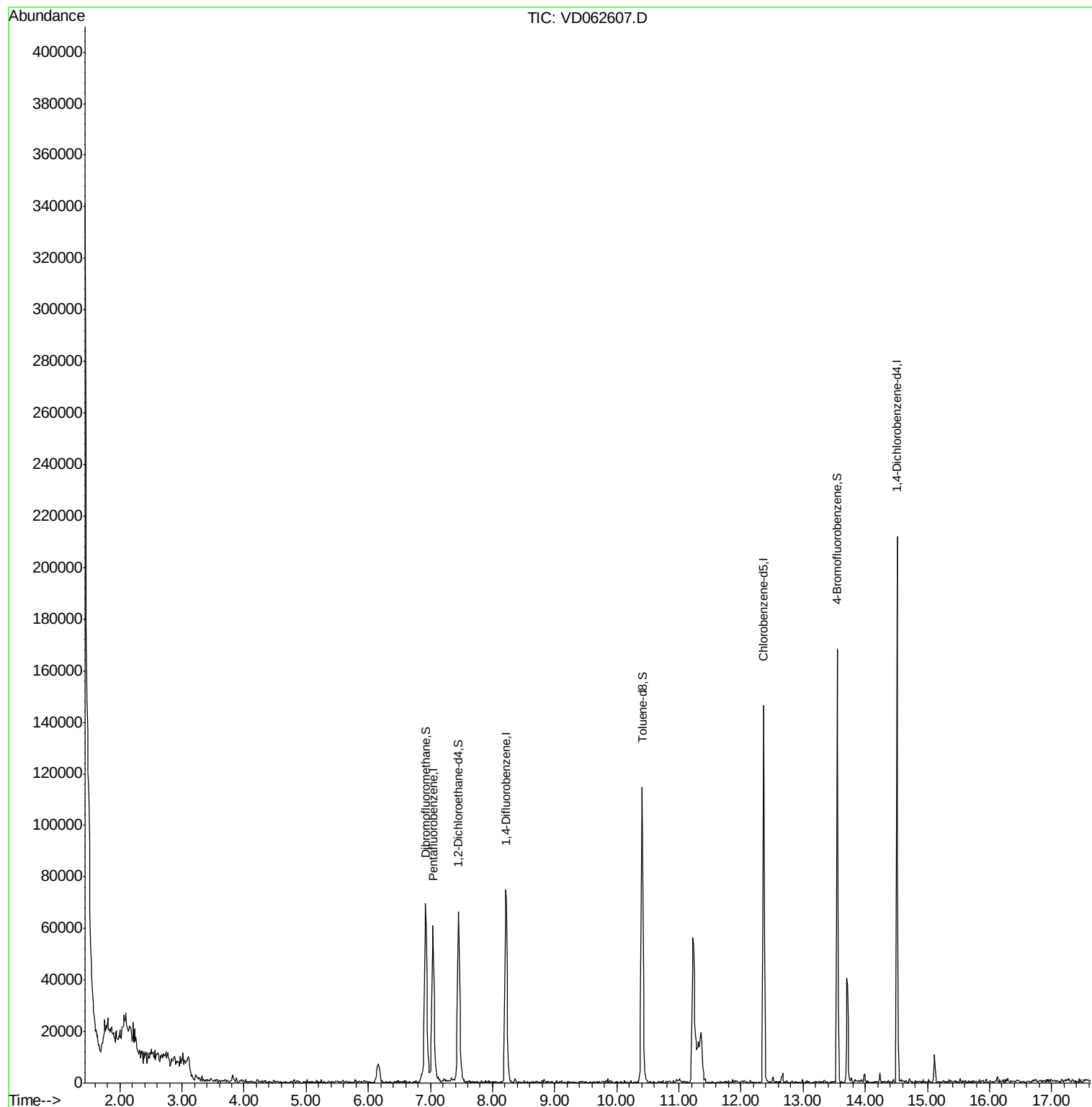
Target Compounds	Qvalue
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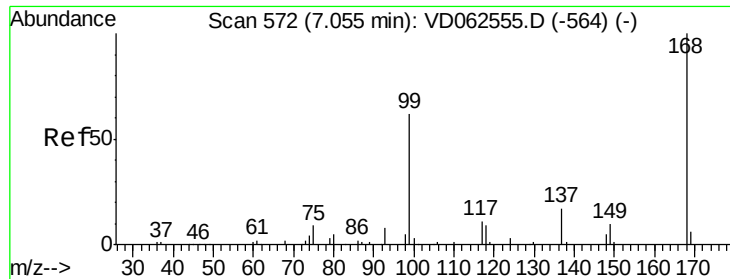
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062607.D

Acq: 4 Jun 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

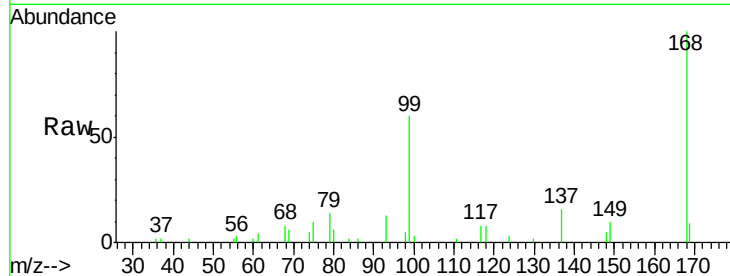
COMP-2RE

Tot Ion:168 Resp: 53732

Ion Ratio Lower Upper

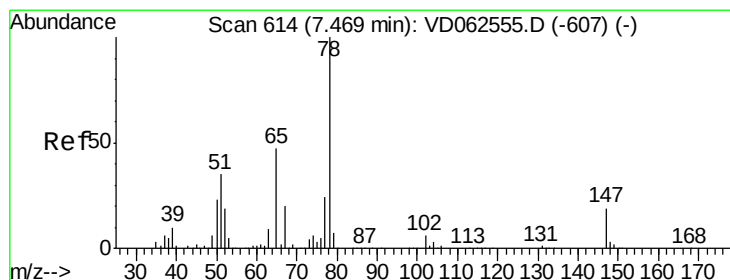
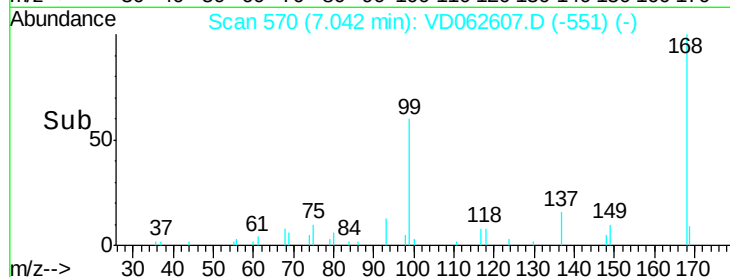
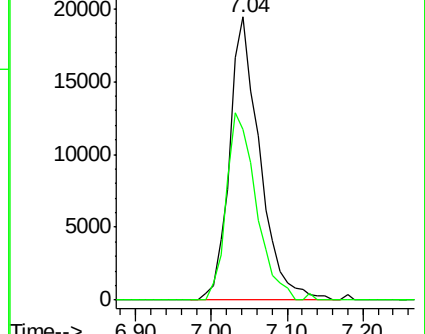
168 100

99 60.1 50.8 76.2



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: 130.968 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062607.D

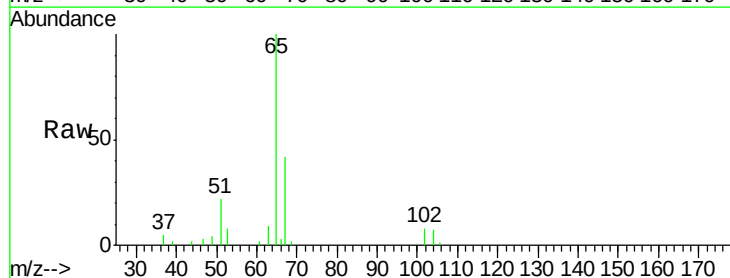
Acq: 4 Jun 2019 19:20

Tgt Ion: 65 Resp: 82513

Ion Ratio Lower Upper

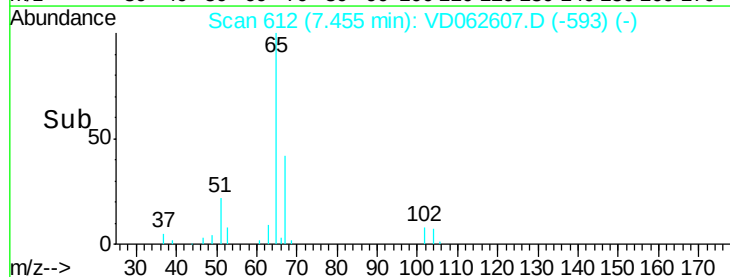
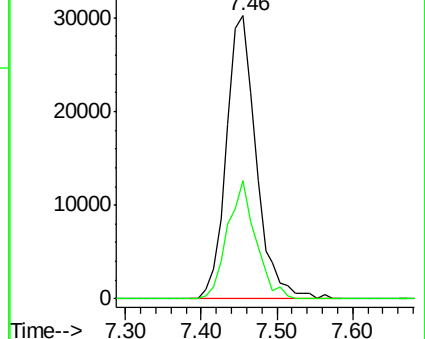
65 100

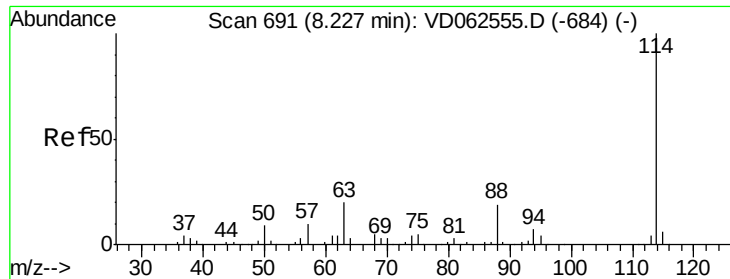
67 41.8 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

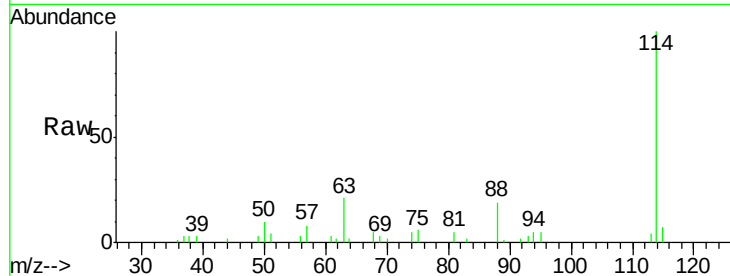




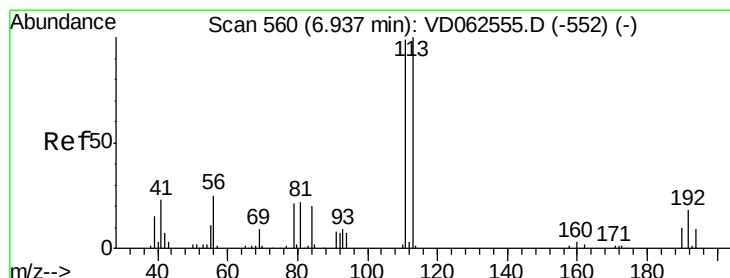
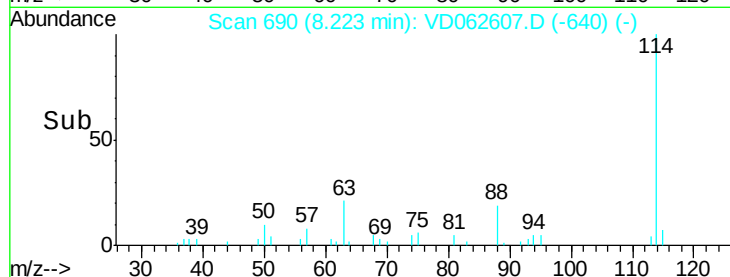
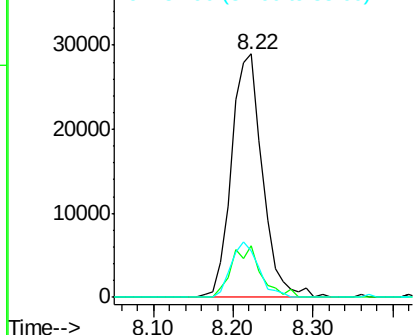
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062607.D
 Acq: 4 Jun 2019 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Tot Ion:114 Resp: 78456
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 19.3 0.0 37.6

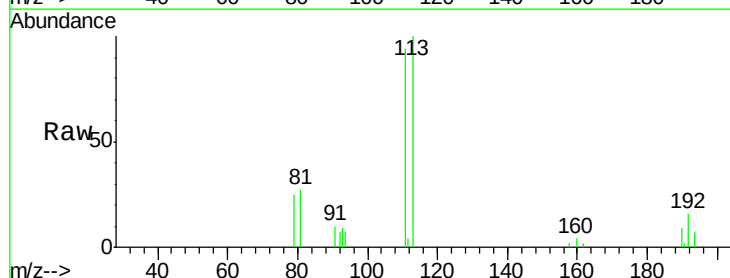


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

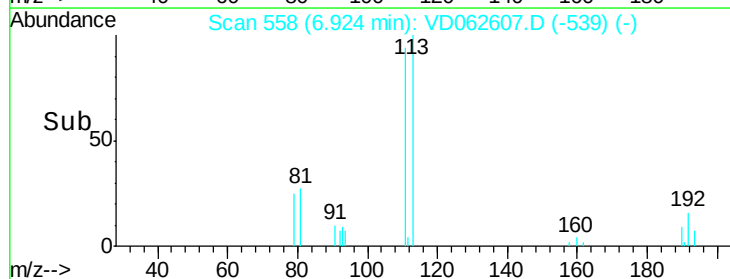
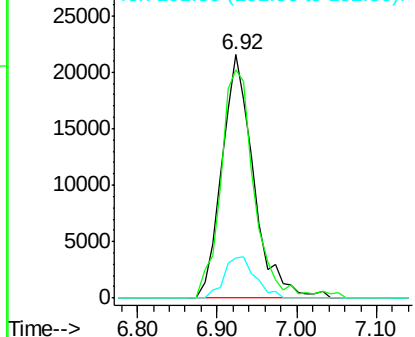


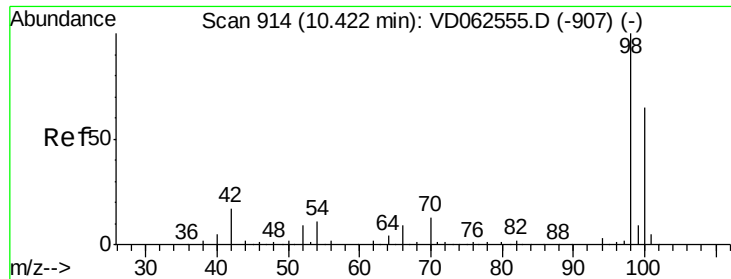
#35
 Dibromofluoromethane
 Concen: 84.424 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062607.D
 Acq: 4 Jun 2019 19:20

Tgt Ion:113 Resp: 60358
 Ion Ratio Lower Upper
 113 100
 111 93.8 78.8 118.2
 192 16.3 14.6 22.0



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

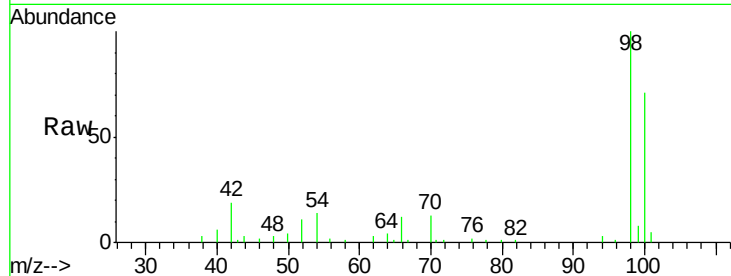




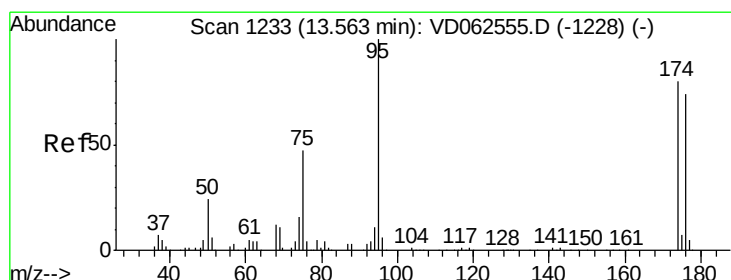
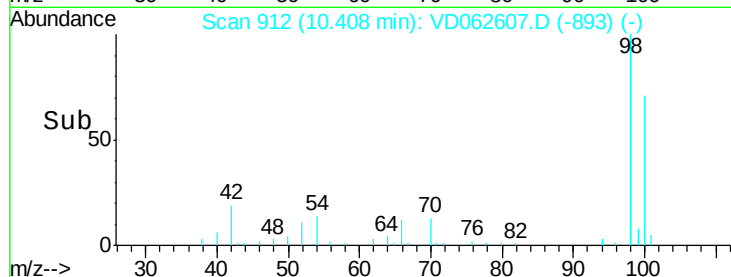
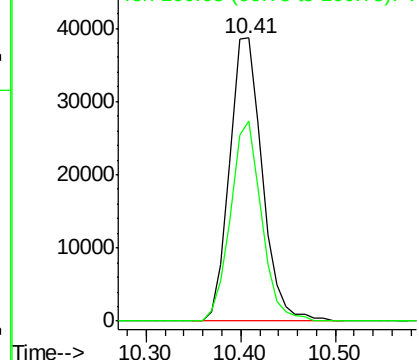
#50
Toluene-d8
Concen: 59.159 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062607.D
Acq: 4 Jun 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

Tot Ion: 98 Resp: 92669
Ion Ratio Lower Upper
98 100
100 70.7 52.3 78.5

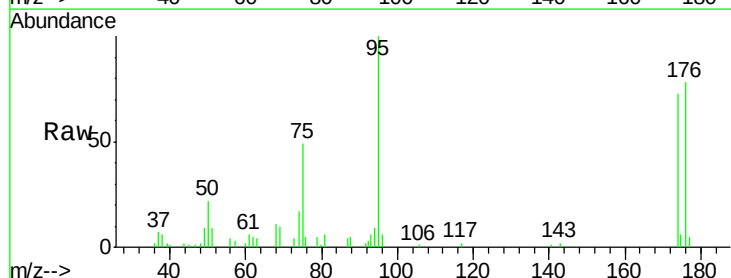


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

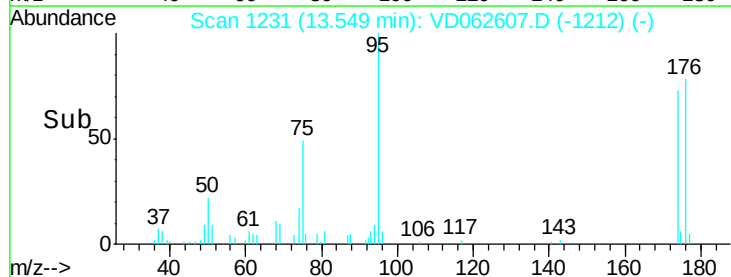
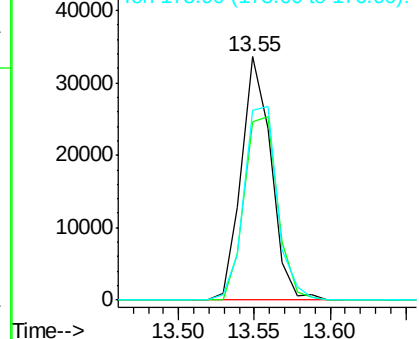


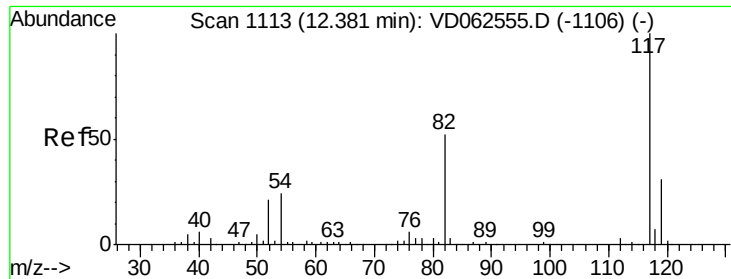
#62
4-Bromofluorobenzene
Concen: 64.968 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062607.D
Acq: 4 Jun 2019 19:20

Tgt Ion: 95 Resp: 45895
Ion Ratio Lower Upper
95 100
174 73.2 0.0 160.2
176 77.7 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

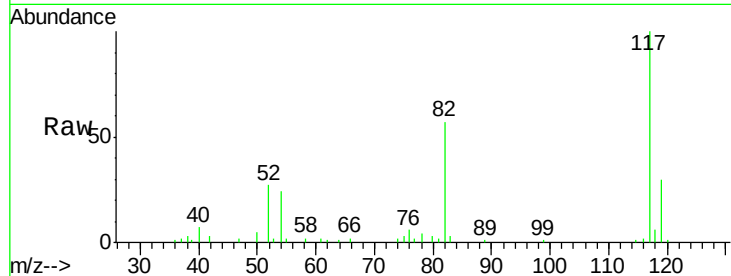




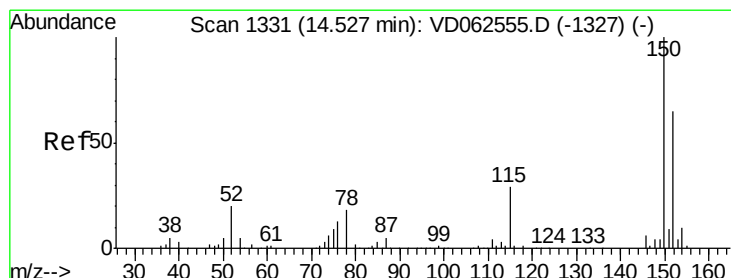
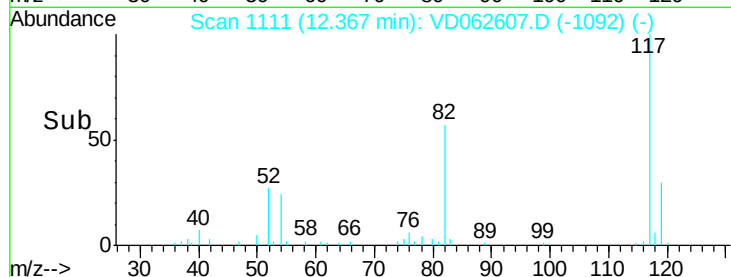
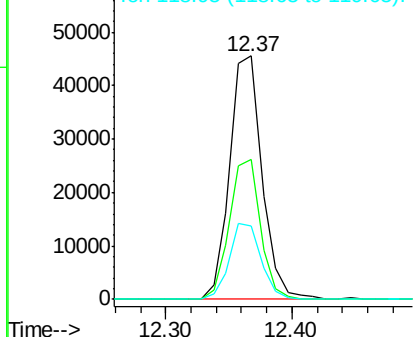
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062607.D
Acq: 4 Jun 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

Tot Ion:117 Resp: 80432
Ion Ratio Lower Upper
117 100
82 57.4 41.4 62.2
119 30.1 24.9 37.3

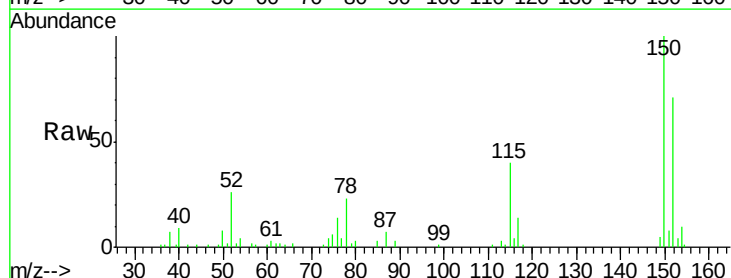


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062607.D
Acq: 4 Jun 2019 19:20

Tgt Ion:152 Resp: 40996
Ion Ratio Lower Upper
152 100
115 55.9 28.4 85.3
150 141.2 0.0 310.4



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

