

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061881.D
 Acq On : 18 Apr 2019 18:31
 Operator : VA/AP
 Sample : K2203-09
 Misc : 7.13g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-A

Quant Time: Apr 18 19:01:52 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	7.04	168	3459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	7105	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	4859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	1175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	1386	47.81	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	6.90	113	1495	27.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	55.70%	
50) Toluene-d8	10.41	98	5752	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	13.56	95	1883	36.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.06%	

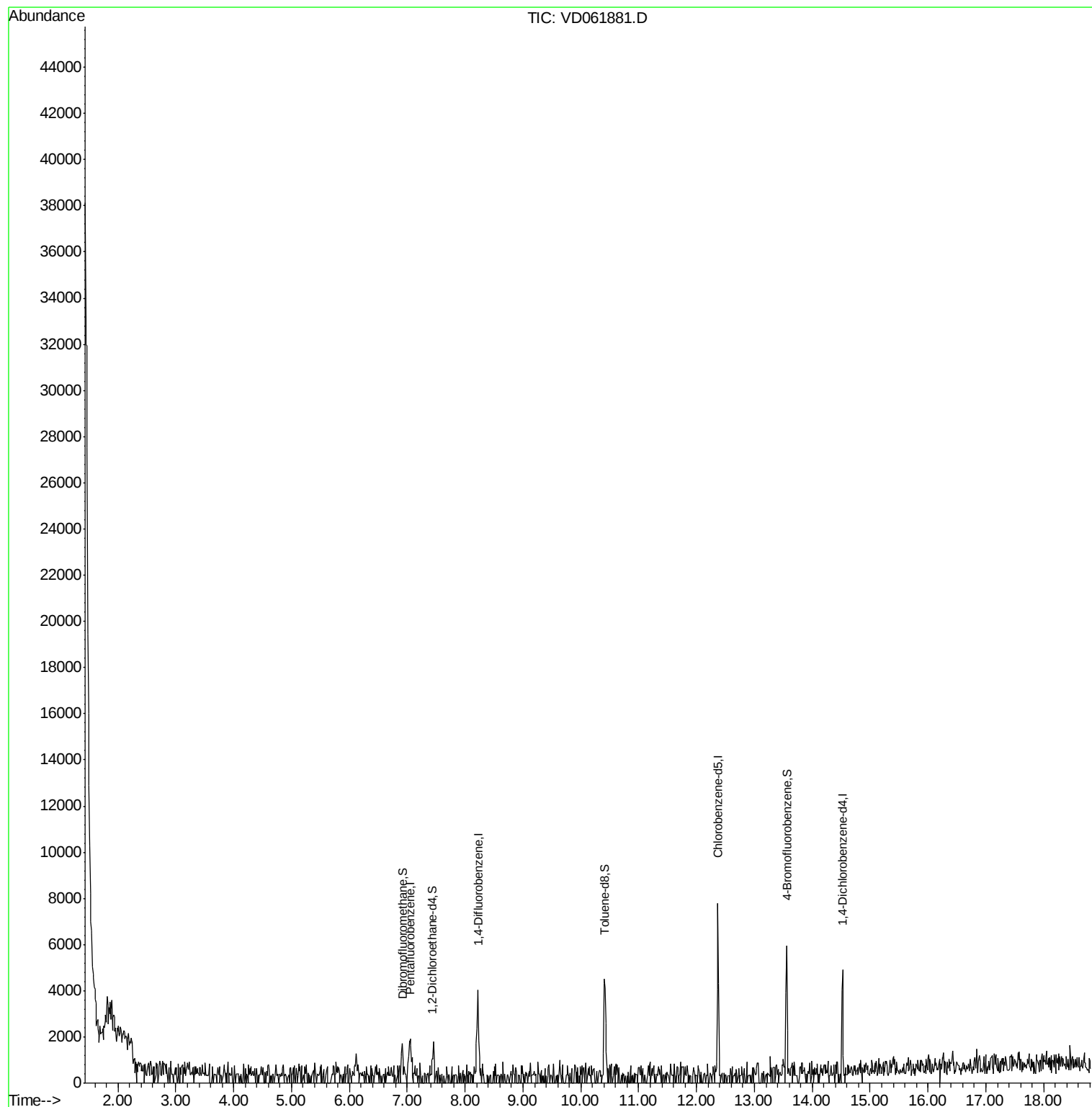
Target Compounds	Qvalue
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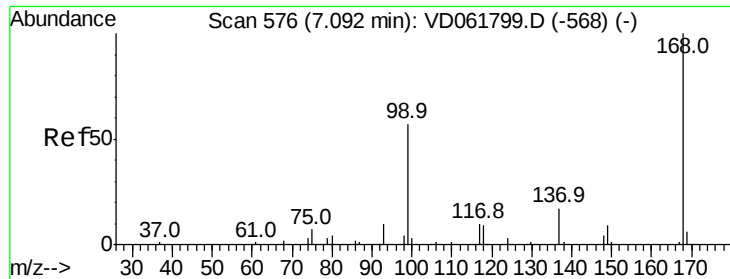
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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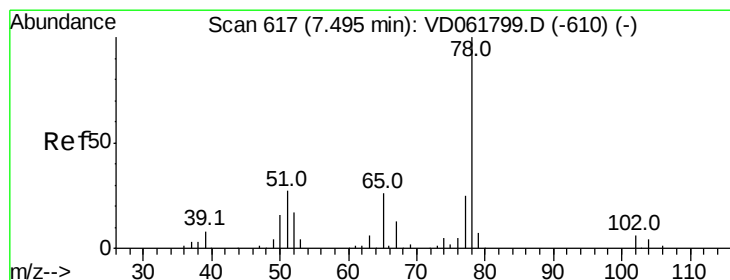
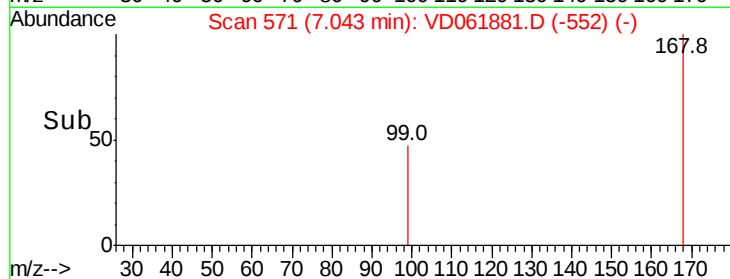
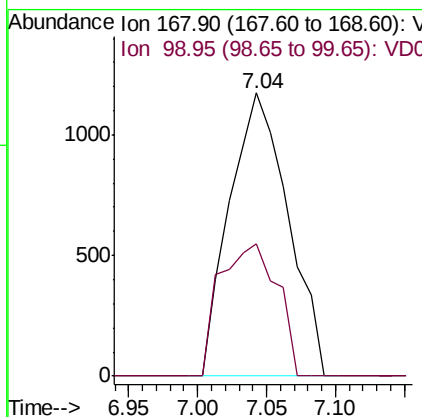
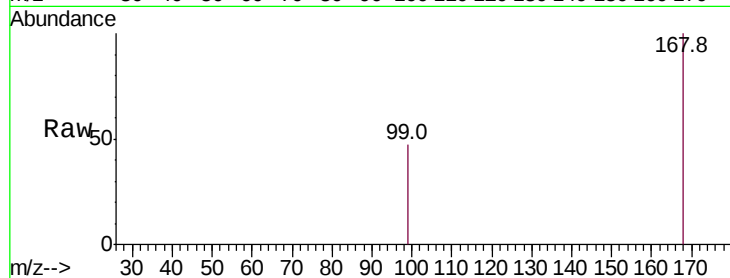




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD061881.D
Acq: 18 Apr 2019 18:31

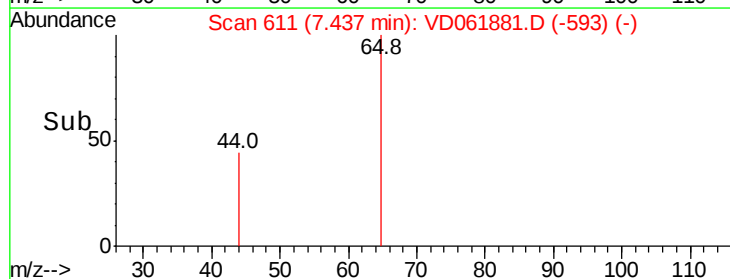
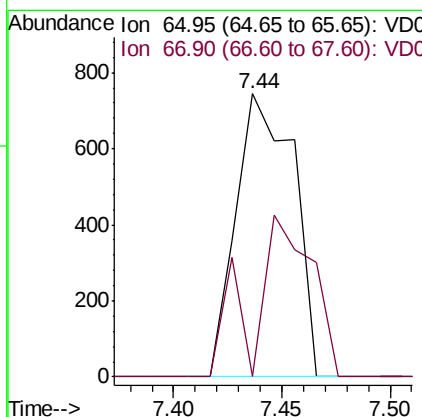
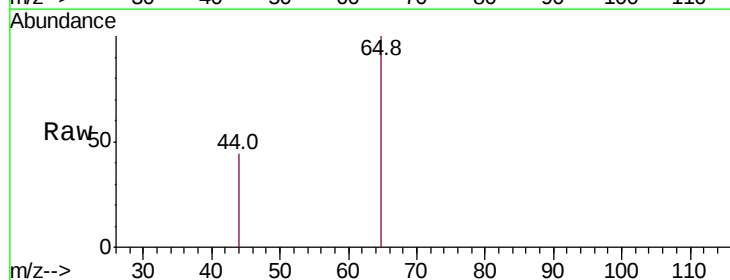
Instrument :
MSVOA_D
ClientSampleId :
SU-01-041519-A

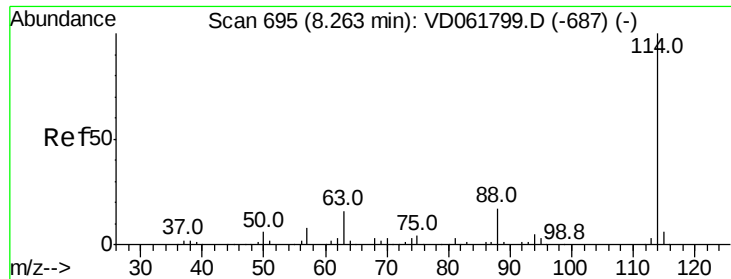
Tot Ion:168 Resp: 3459
Ion Ratio Lower Upper
168 100
99 46.7 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD061881.D
Acq: 18 Apr 2019 18:31

Tgt Ion: 65 Resp: 1386
Ion Ratio Lower Upper
65 100
67 0.0 0.0 98.0

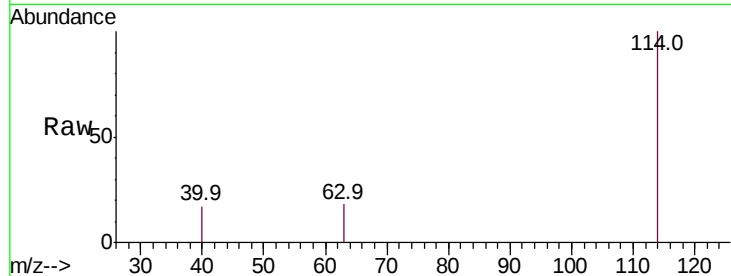




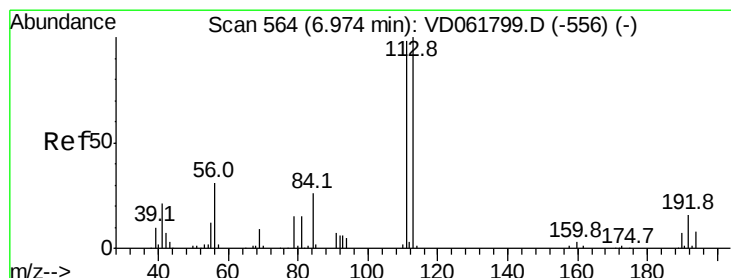
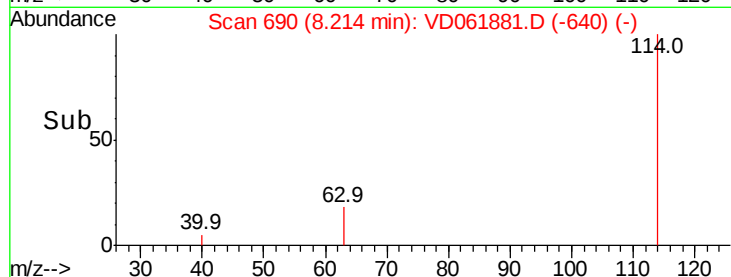
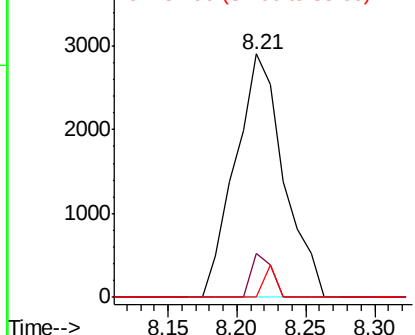
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061881.D
 Acq: 18 Apr 2019 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-A

Tot Ion:114 Resp: 7105
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 0.0 0.0 33.6

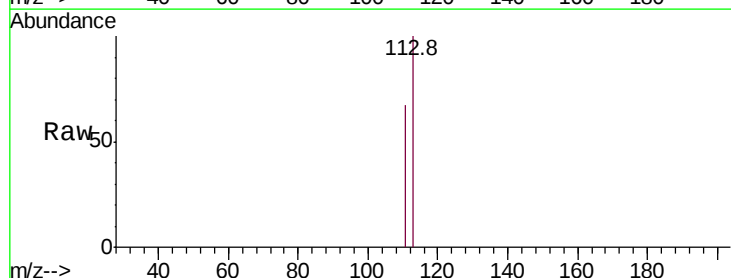


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

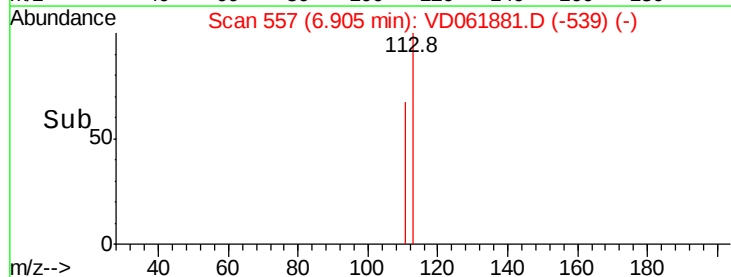
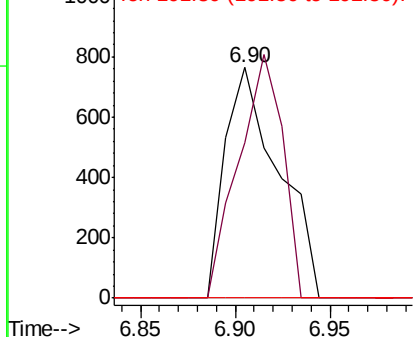


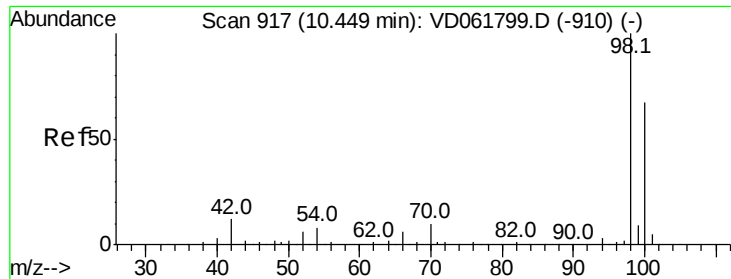
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061881.D
 Acq: 18 Apr 2019 18:31

Tgt Ion:113 Resp: 1495
 Ion Ratio Lower Upper
 113 100
 111 67.1 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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061881.D

Acq: 18 Apr 2019 18:31

Instrument :

MSVOA_D

ClientSampleId :

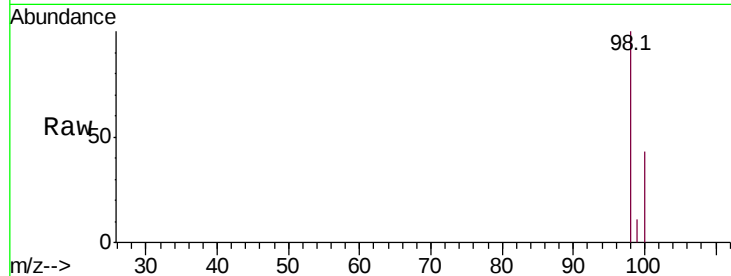
SU-01-041519-A

Tot Ion: 98 Resp: 5752

Ion Ratio Lower Upper

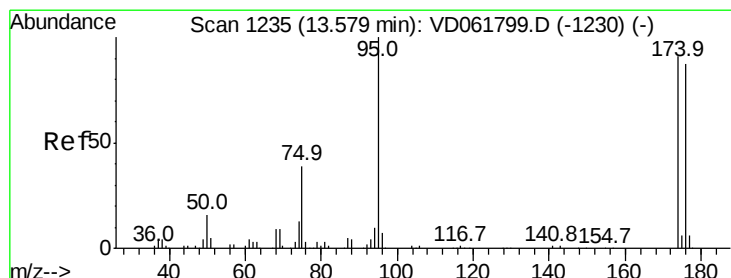
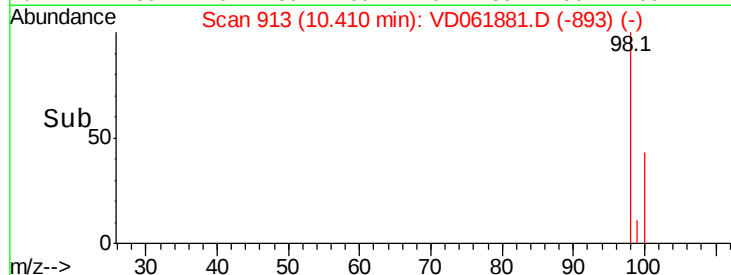
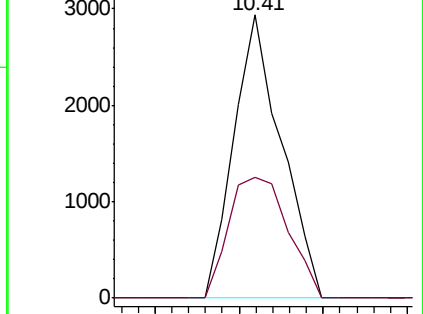
98 100

100 42.6 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061881.D

Acq: 18 Apr 2019 18:31

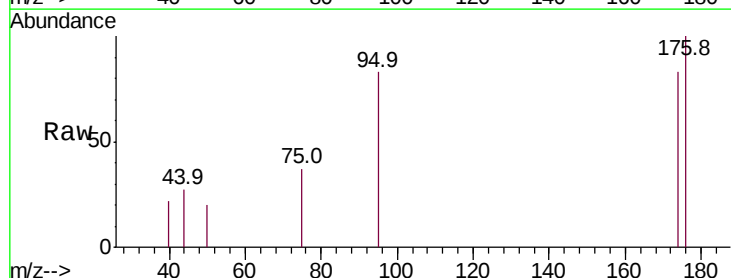
Tgt Ion: 95 Resp: 1883

Ion Ratio Lower Upper

95 100

174 99.7 0.0 181.8

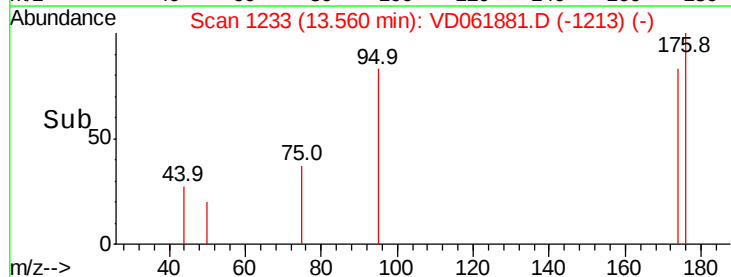
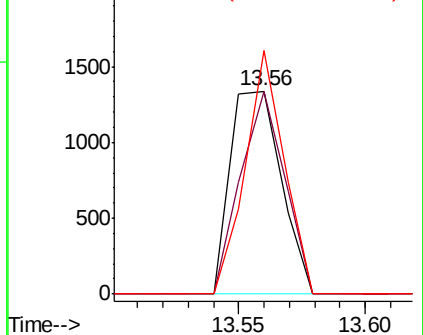
176 120.1 0.0 174.4

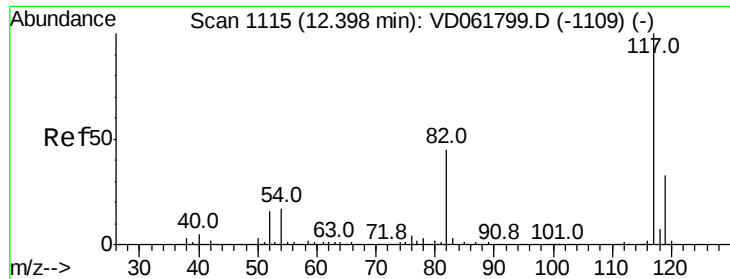


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

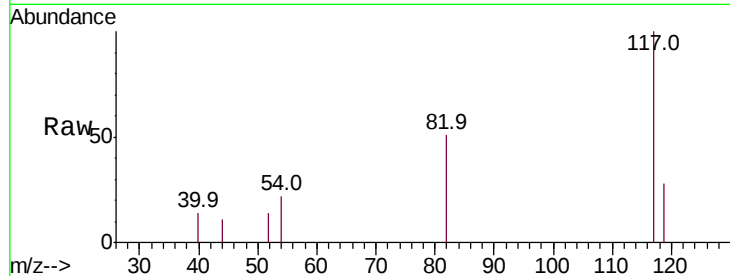




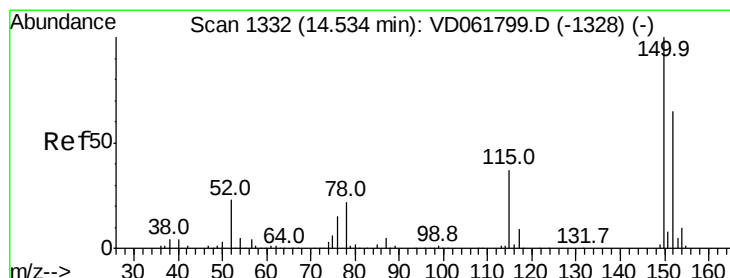
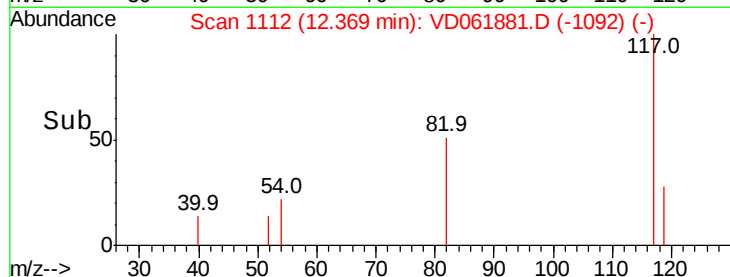
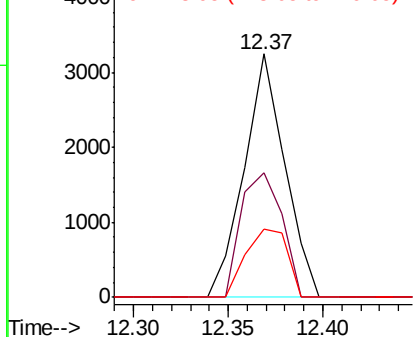
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061881.D
Acq: 18 Apr 2019 18:31

Instrument :
MSVOA_D
ClientSampleId :
SU-01-041519-A

Tot Ion:117 Resp: 4859
Ion Ratio Lower Upper
117 100
82 51.2 36.2 54.2
119 27.8 26.2 39.4

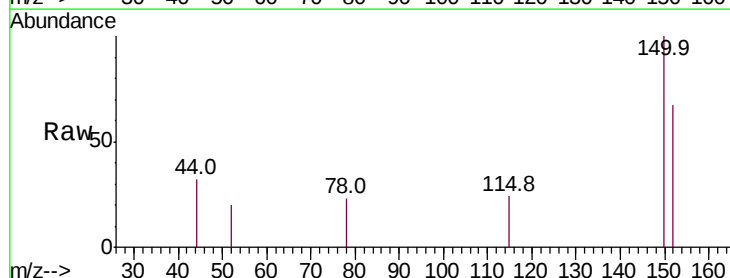


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061881.D
Acq: 18 Apr 2019 18:31

Tgt Ion:152 Resp: 1175
Ion Ratio Lower Upper
152 100
115 36.1 30.9 92.7
150 149.8 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

