

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062519\
 Data File : VD062876.D
 Acq On : 25 Jun 2019 13:53
 Operator : VA/AP
 Sample : K3500-04
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4(9-10)

Quant Time: Jul 03 15:02:55 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	7.06	168	846832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1210796	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	931024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	363912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	411745	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	
35) Dibromofluoromethane	6.94	113	438639	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	
50) Toluene-d8	10.41	98	877042	39.47	ug/l	0.00
Spiked Amount			Recovery	=	78.94%	
62) 4-Bromofluorobenzene	13.55	95	312597	30.94	ug/l	0.00
Spiked Amount			Recovery	=	61.88%	

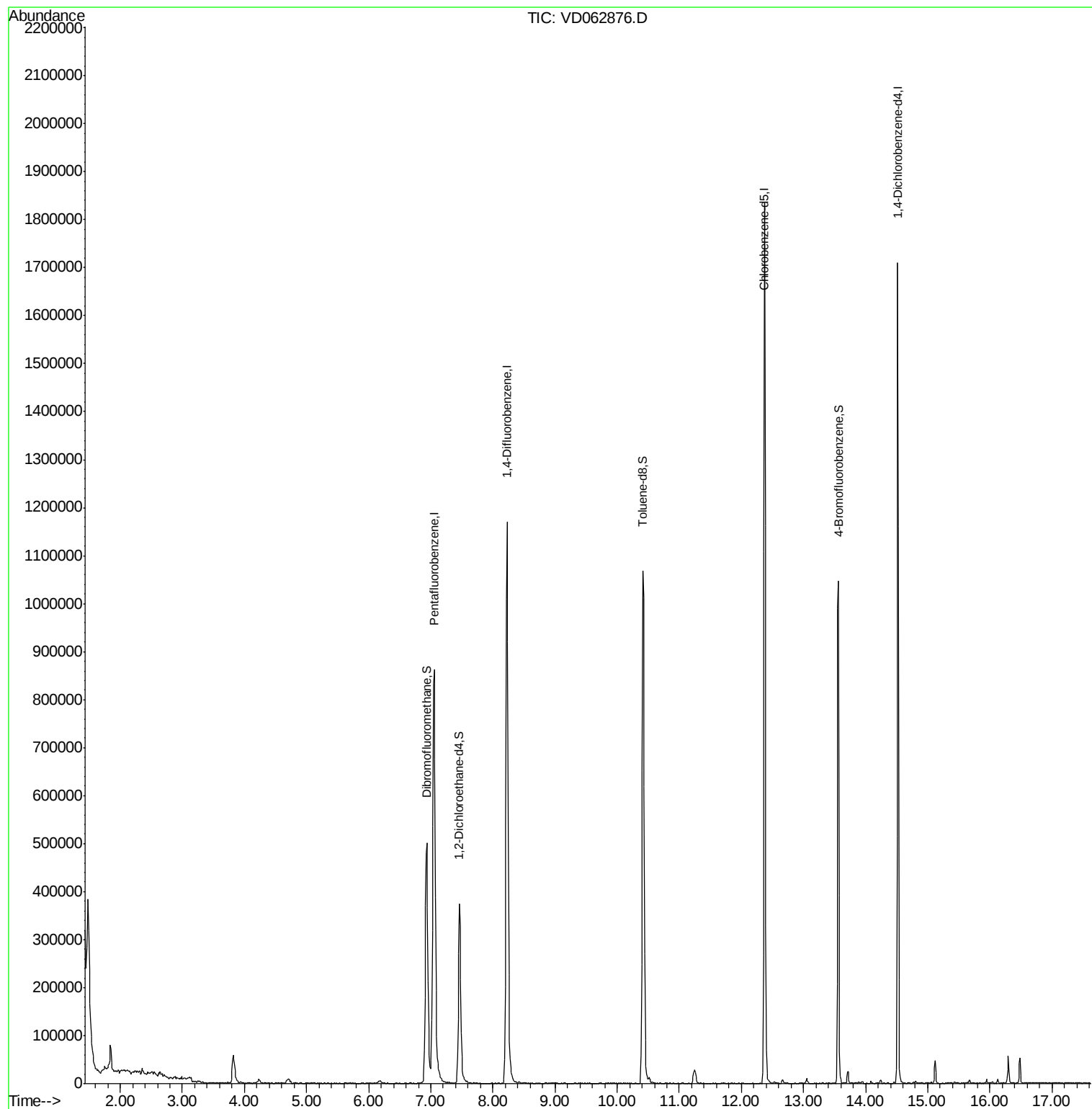
Target Compounds	Qvalue
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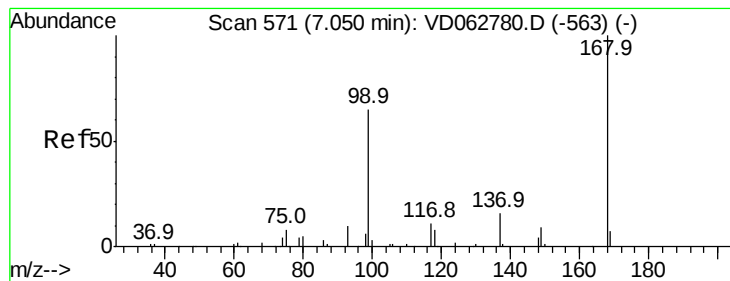
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062876.D

Acq: 25 Jun 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

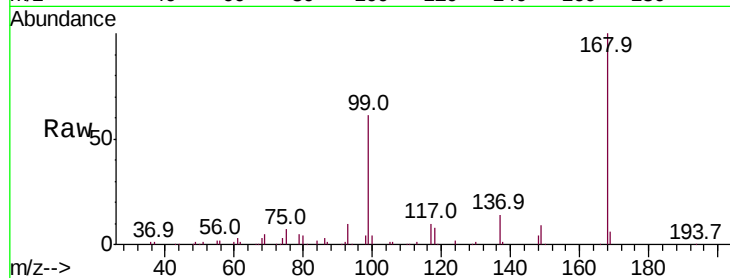
B-4(9-10)

Tot Ion:168 Resp: 846832

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

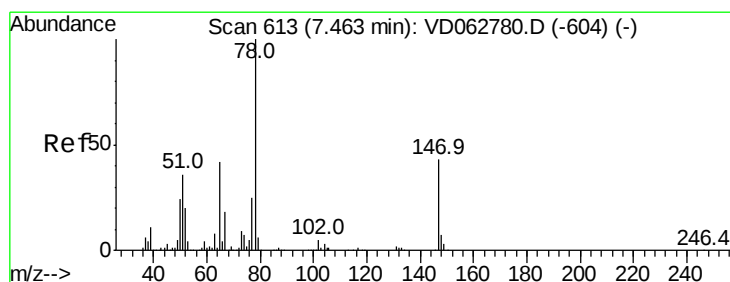
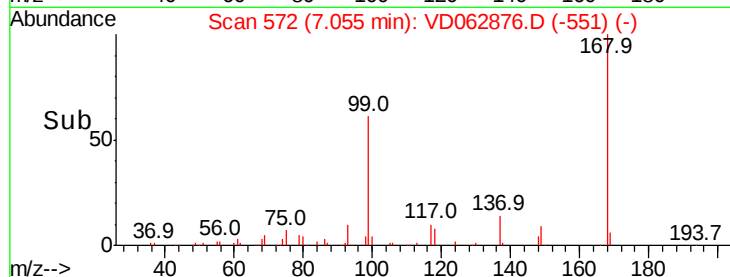
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.731 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062876.D

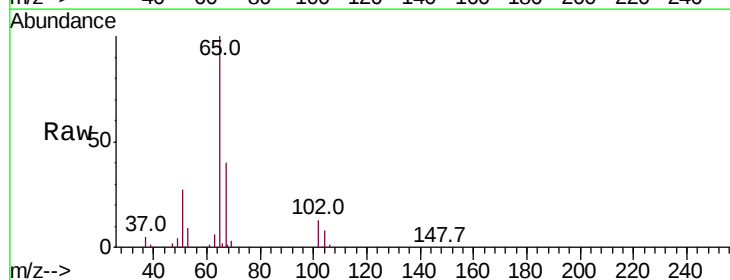
Acq: 25 Jun 2019 13:53

Tgt Ion: 65 Resp: 411745

Ion Ratio Lower Upper

65 100

67 40.4 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

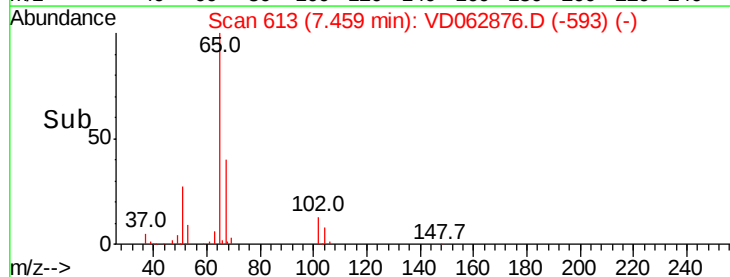
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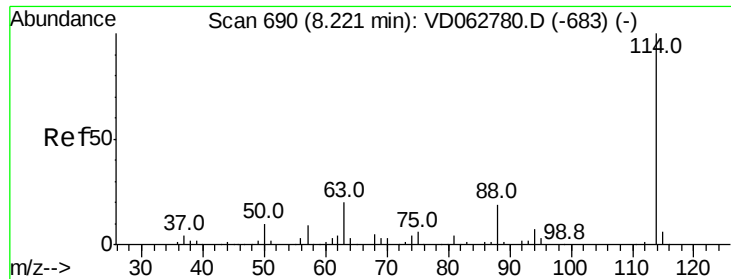
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50000

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Time-->

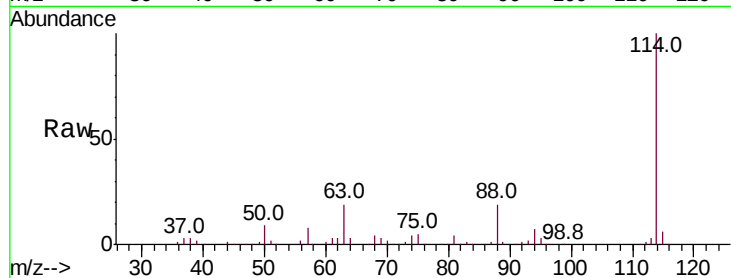




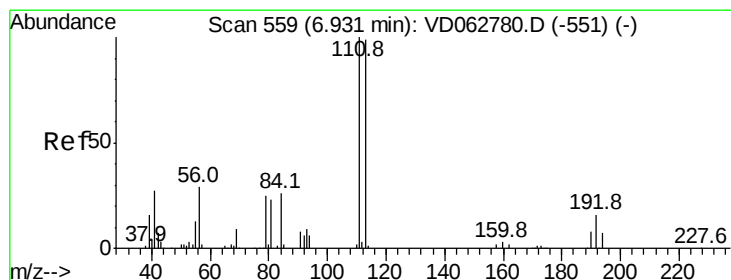
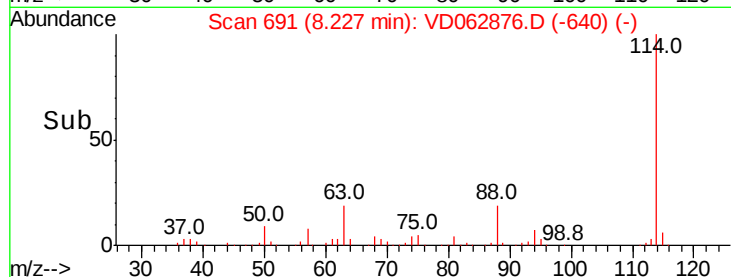
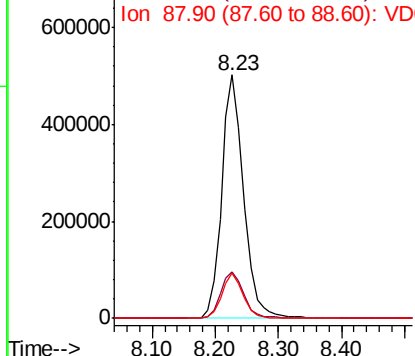
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062876.D
 Acq: 25 Jun 2019 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4(9-10)

Tot Ion:114 Resp: 1210796
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 18.8 0.0 38.8

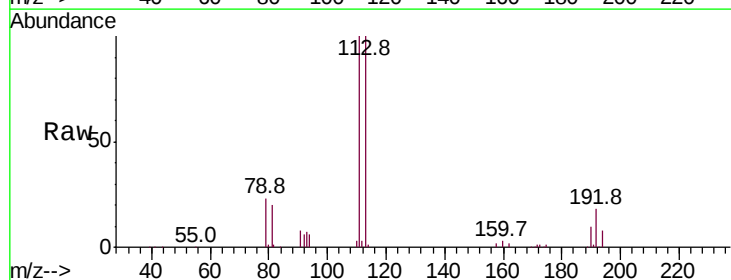


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

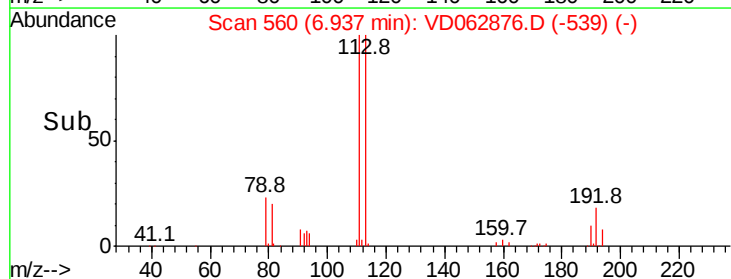
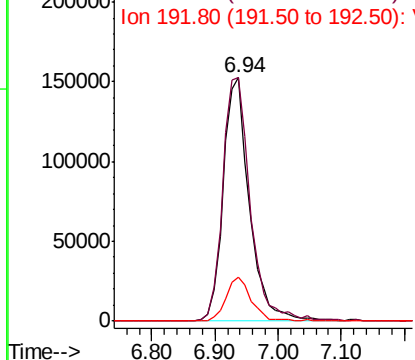


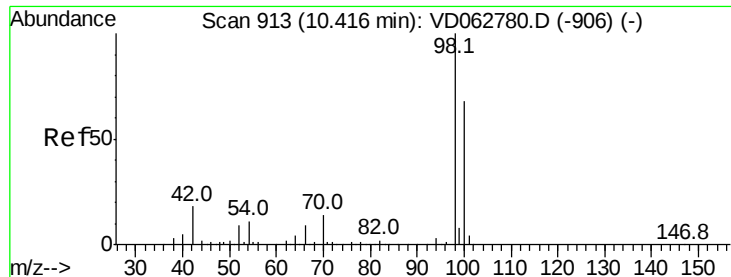
#35
 Dibromofluoromethane
 Concen: 42.964 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062876.D
 Acq: 25 Jun 2019 13:53

Tgt Ion:113 Resp: 438639
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.2 121.8
 192 18.2 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

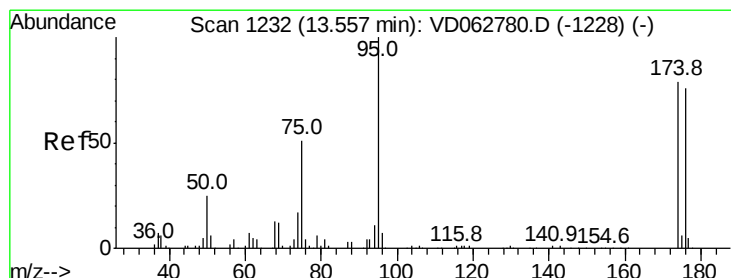
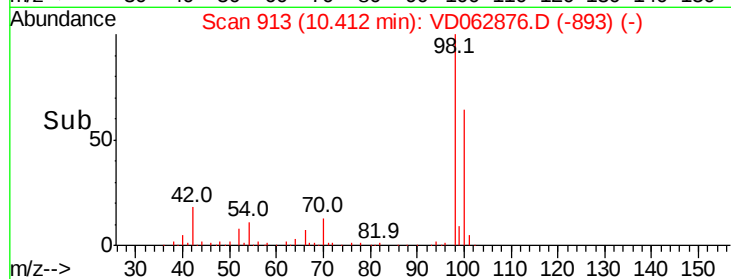
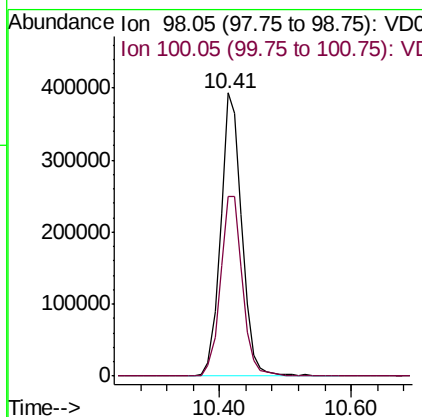
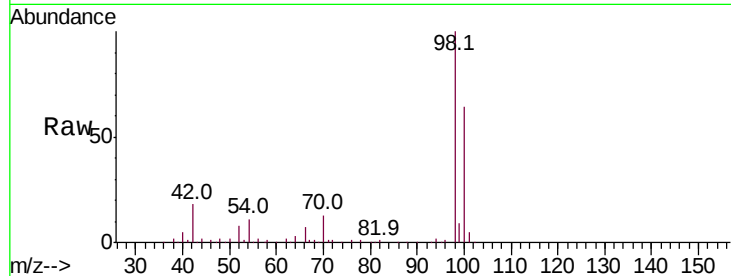




#50
Toluene-d8
Concen: 39.470 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

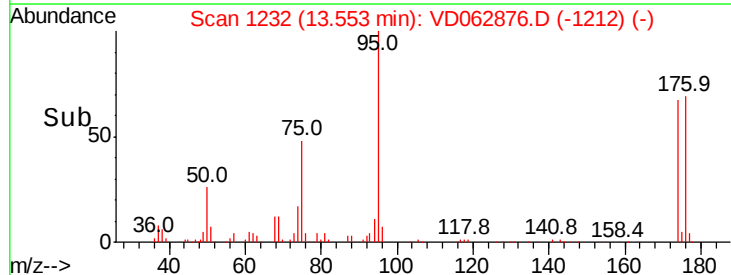
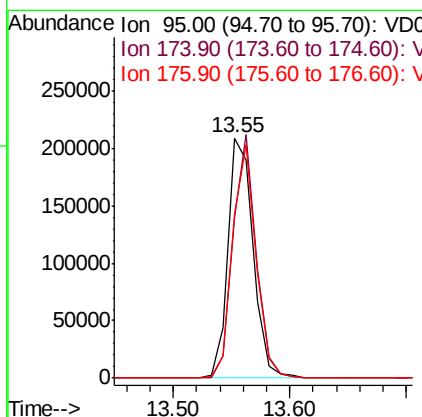
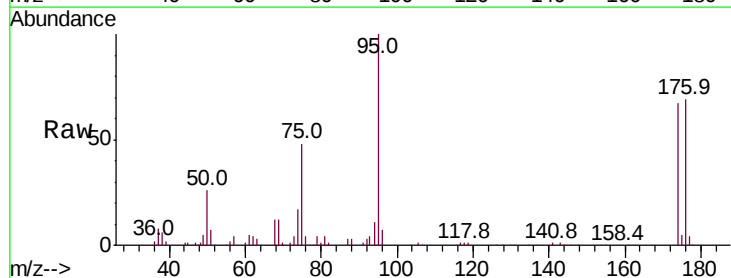
Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

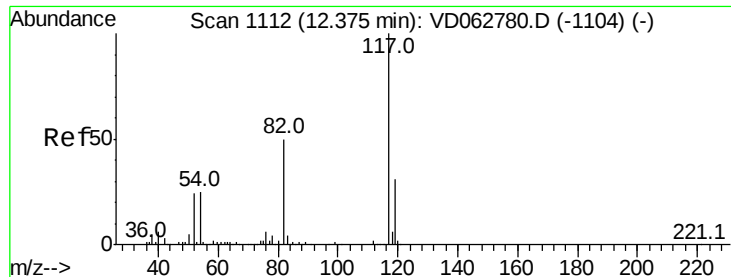
Tot Ion: 98 Resp: 877042
Ion Ratio Lower Upper
98 100
100 63.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 30.939 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 95 Resp: 312597
Ion Ratio Lower Upper
95 100
174 66.8 0.0 158.0
176 68.6 0.0 151.6

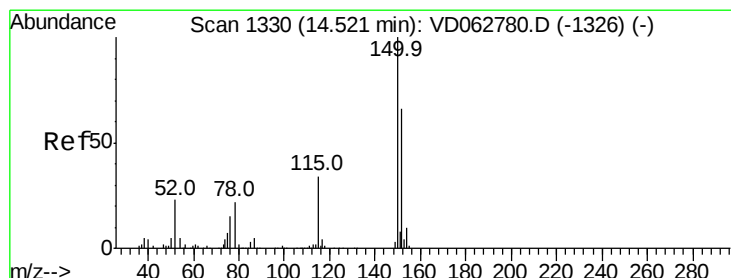
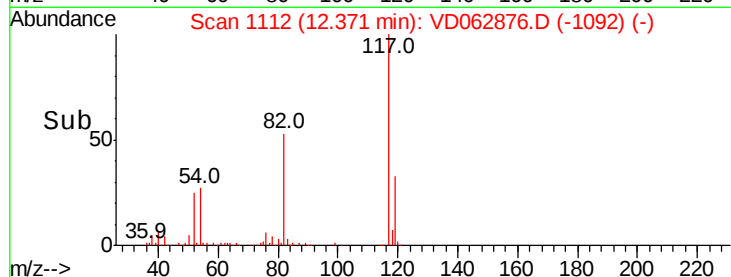
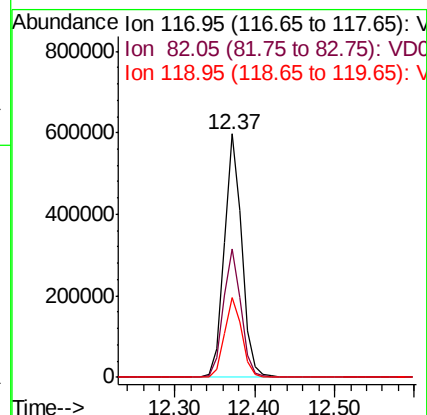
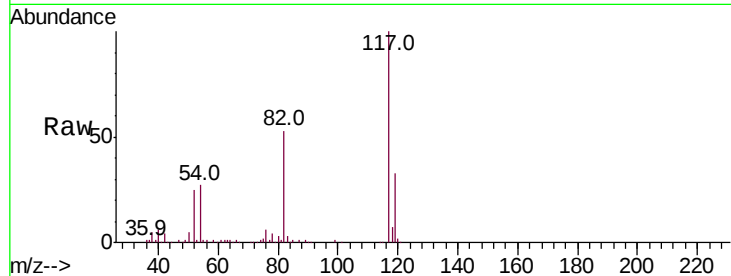




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.4	60.6
119	32.7	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.2	87.6
150	152.6	0.0	305.8

