

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062878.D
 Acq On : 25 Jun 2019 14:47
 Operator : VA/AP
 Sample : K3512-01RE
 Misc : 4.90g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7RE

Quant Time: Jun 26 06:11:41 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

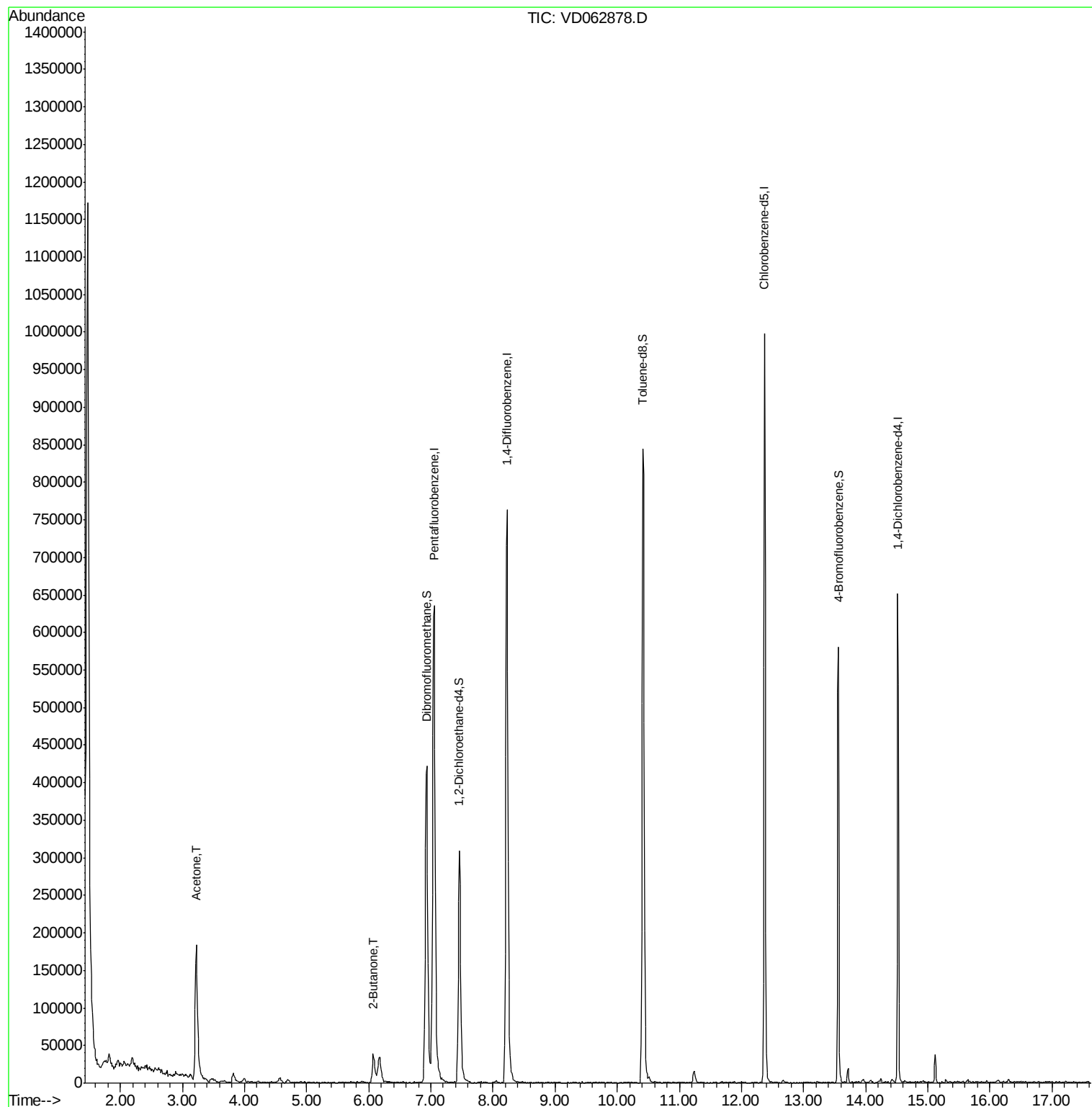
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	622037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	817264	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	503874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	144434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	346008	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	6.93	113	362761	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.41	98	690180	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	13.55	95	171688	25.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.34%	
Target Compounds						
16) Acetone	3.23	43	363847	265.799	ug/l	99
25) 2-Butanone	6.07	43	79299	62.707	ug/l #	90

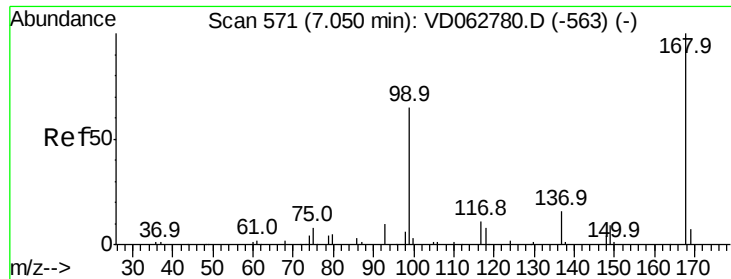
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062878.D

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Instrument :

MSVOA_D

ClientSampleId :

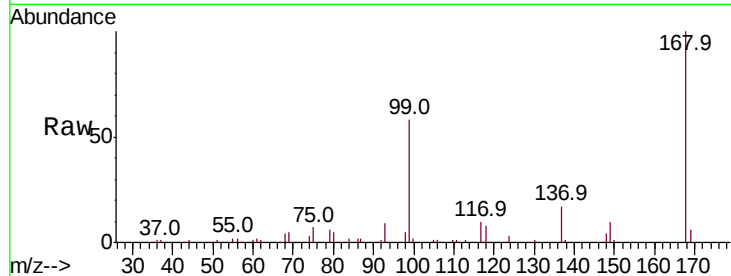
SAMPLE-7RE

Tot Ion:168 Resp: 622037

Ion Ratio Lower Upper

168 100

99 58.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

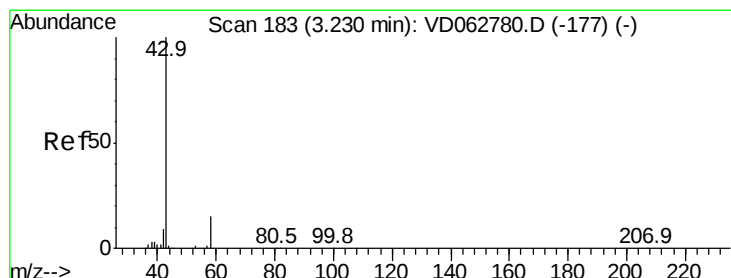
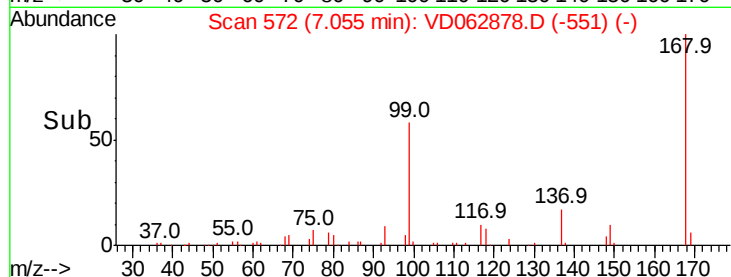
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 265.799 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062878.D

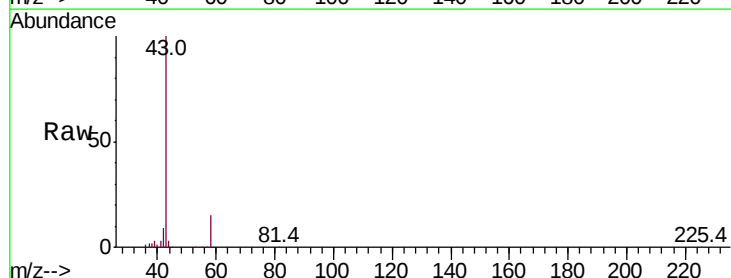
Acq: 25 Jun 2019 14:47

Tgt Ion: 43 Resp: 363847

Ion Ratio Lower Upper

43 100

58 15.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

150000

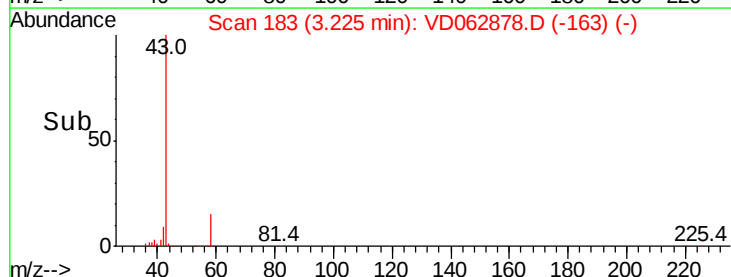
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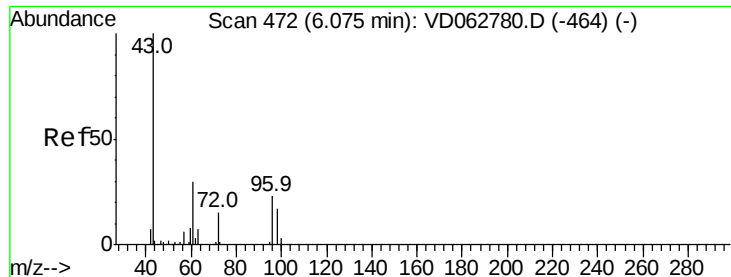
50000

0

Time-->

3.10 3.20 3.30 3.40





#25

2-Butanone

Concen: 62.707 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD062878.D

Acq: 25 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

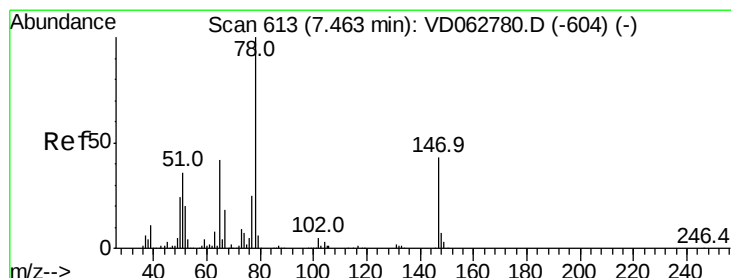
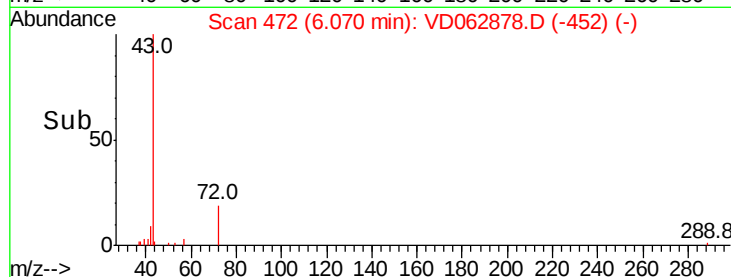
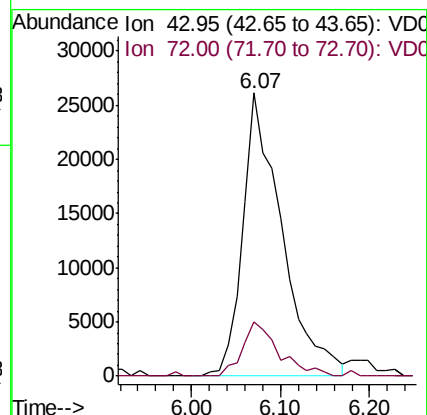
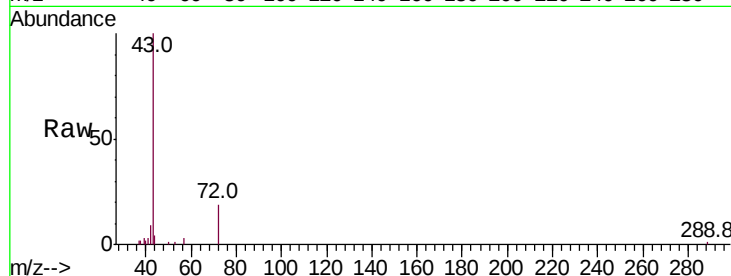
SAMPLE-7RE

Tot Ion: 43 Resp: 79299

Ion Ratio Lower Upper

43 100

72 19.2 11.9 17.9#



#33

1,2-Dichloroethane-d4

Concen: 51.174 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062878.D

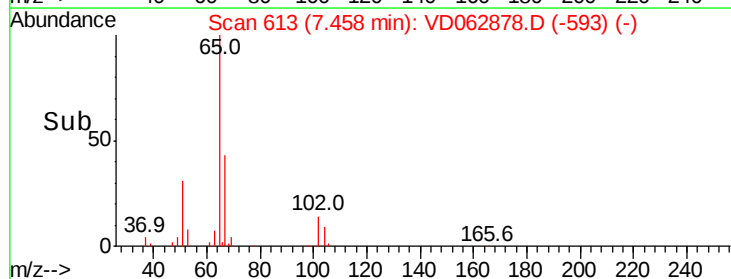
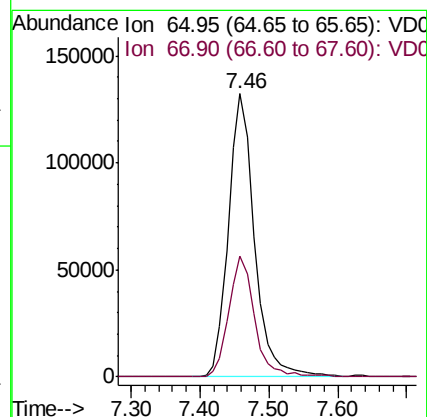
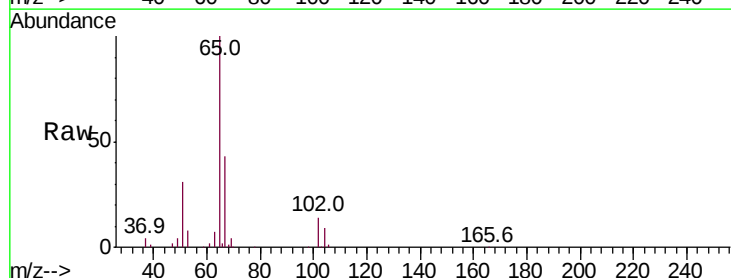
Acq: 25 Jun 2019 14:47

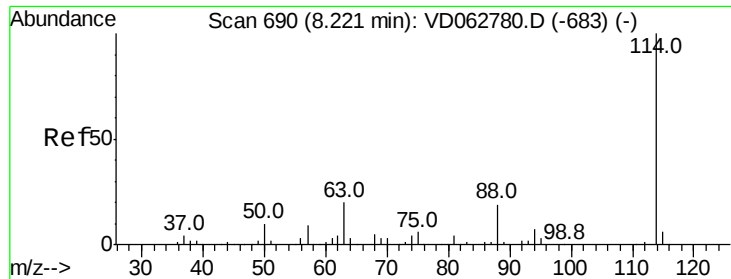
Tgt Ion: 65 Resp: 346008

Ion Ratio Lower Upper

65 100

67 42.7 0.0 87.4

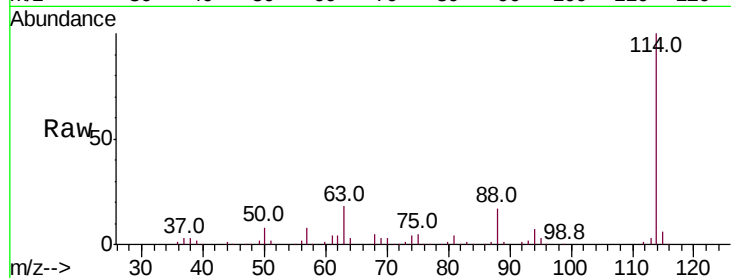




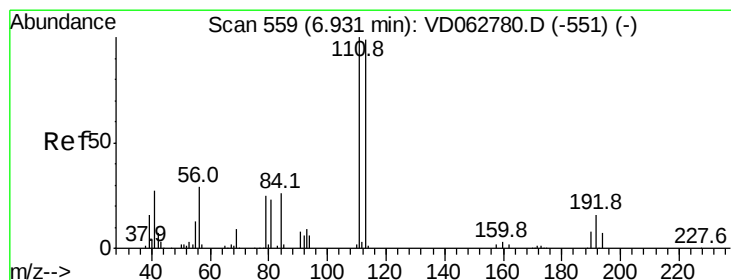
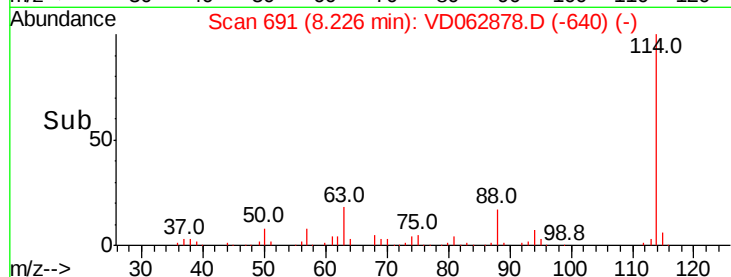
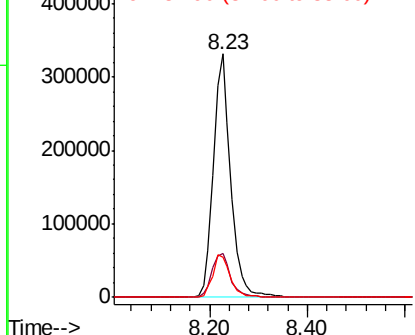
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062878.D
 Acq: 25 Jun 2019 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-7RE

Tot Ion:114 Resp: 817264
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 16.6 0.0 38.8

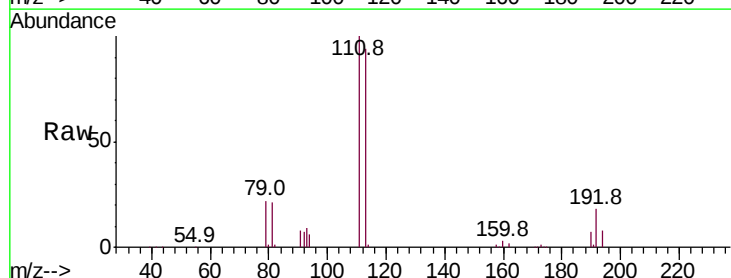


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

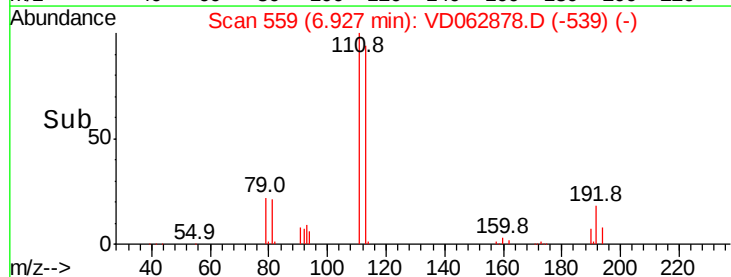
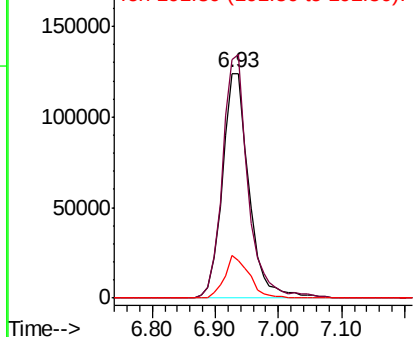


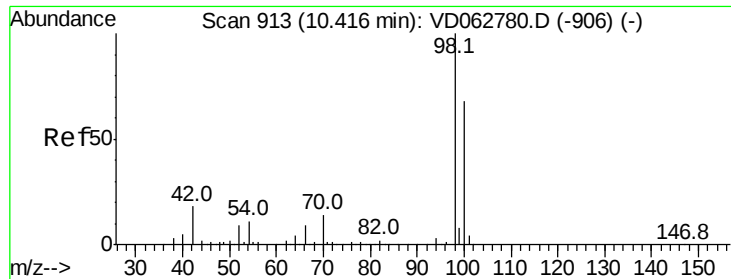
#35
 Dibromofluoromethane
 Concen: 52.642 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062878.D
 Acq: 25 Jun 2019 14:47

Tgt Ion:113 Resp: 362761
 Ion Ratio Lower Upper
 113 100
 111 106.1 81.2 121.8
 192 18.9 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

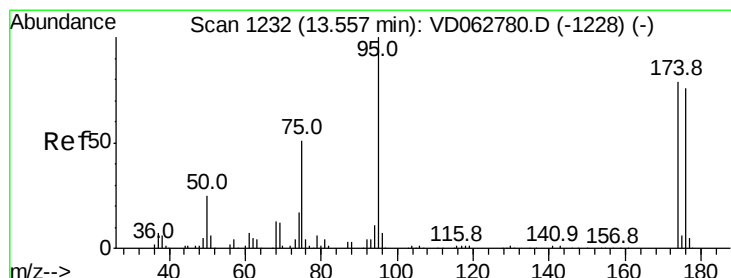
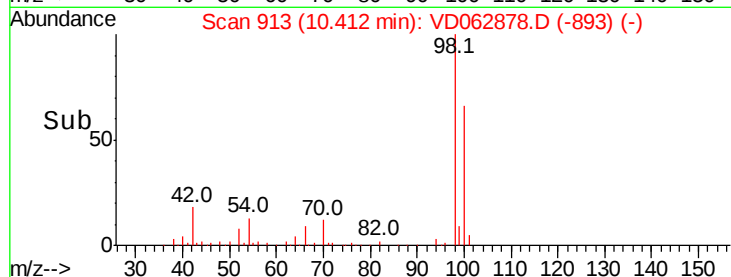
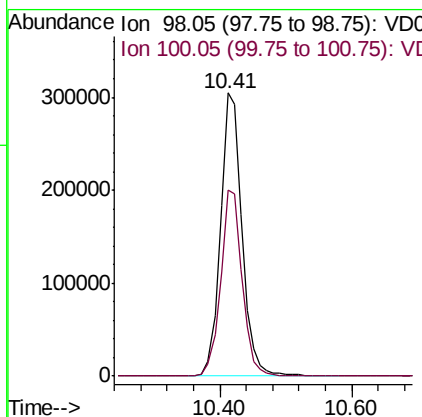
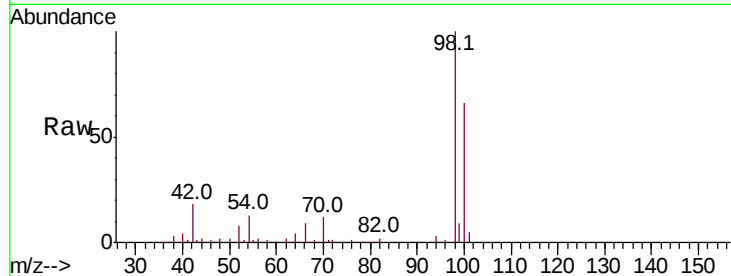




#50
Toluene-d8
Concen: 46.017 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062878.D
Acq: 25 Jun 2019 14:47

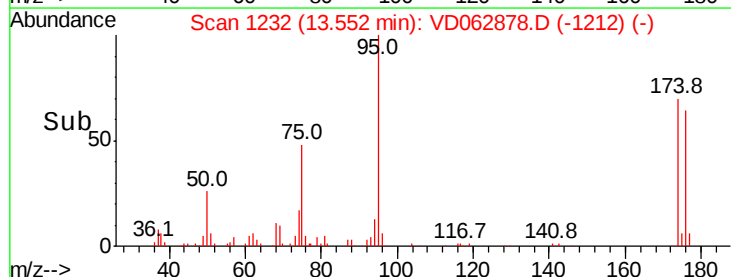
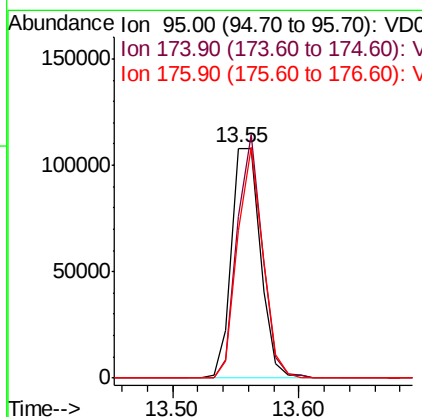
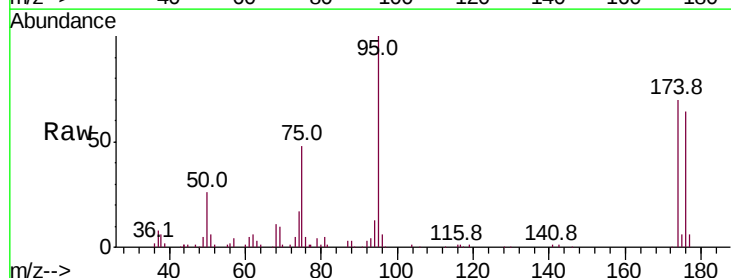
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7RE

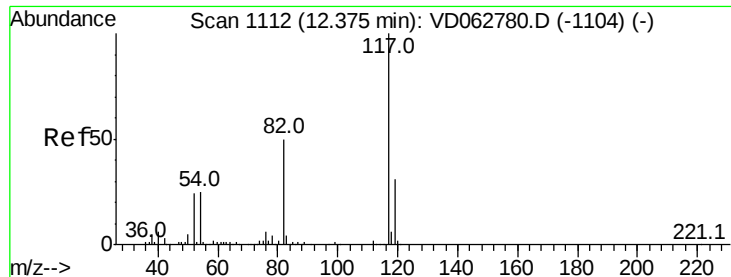
Tot Ion: 98 Resp: 690180
Ion Ratio Lower Upper
98 100
100 65.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 25.175 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062878.D
Acq: 25 Jun 2019 14:47

Tgt Ion: 95 Resp: 171688
Ion Ratio Lower Upper
95 100
174 70.0 0.0 158.0
176 64.3 0.0 151.6

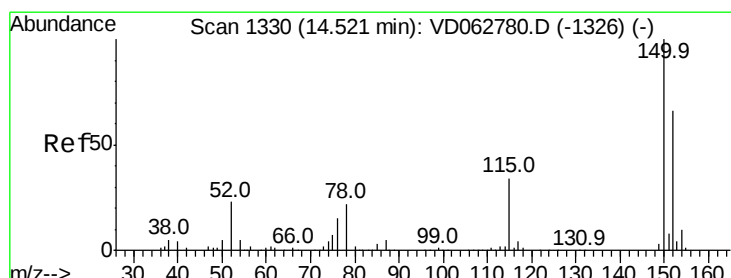
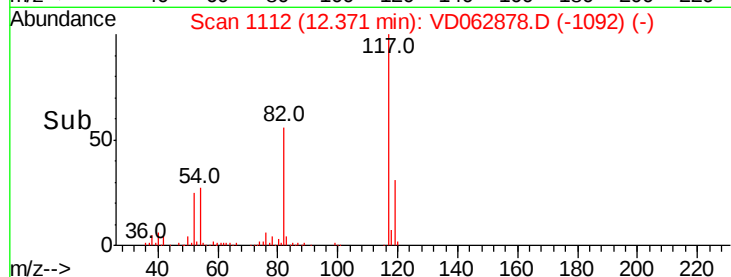
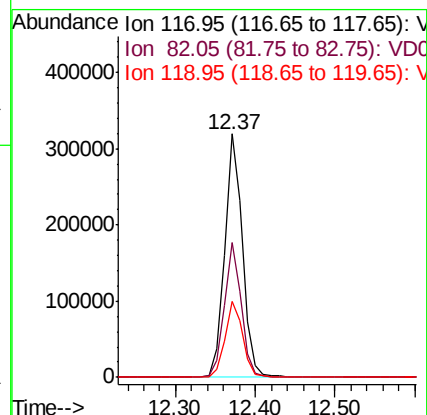
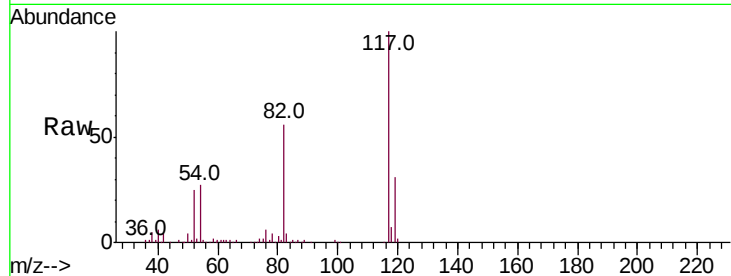




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062878.D
Acq: 25 Jun 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-7RE

Tot Ion:117 Resp: 503874
Ion Ratio Lower Upper
117 100
82 55.5 40.4 60.6
119 31.0 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: VD062878.D
Acq: 25 Jun 2019 14:47

Tgt Ion:152 Resp: 144434
Ion Ratio Lower Upper
152 100
115 63.7 29.2 87.6
150 155.1 0.0 305.8

