

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062879.D
 Acq On : 25 Jun 2019 15:14
 Operator : VA/AP
 Sample : k3512-05RE
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-8RE

Quant Time: Jun 26 06:35:14 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

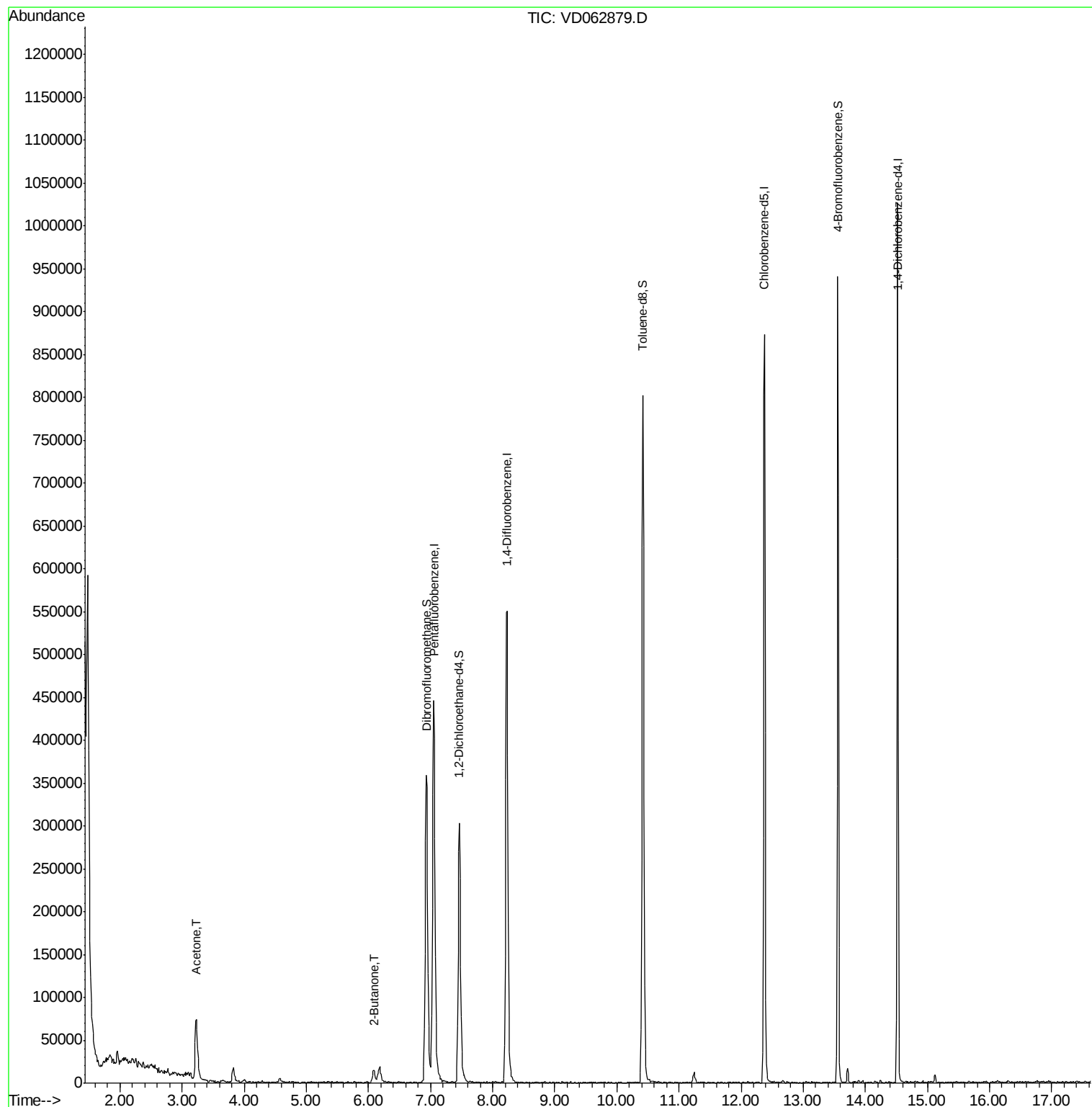
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	412489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	599860	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	480032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	208708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	350997	78.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.56%	
35) Dibromofluoromethane	6.93	113	312845	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
50) Toluene-d8	10.42	98	626981	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
62) 4-Bromofluorobenzene	13.56	95	257958	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
16) Acetone	3.22	43	155437	168.674	ug/l	97
25) 2-Butanone	6.09	43	33800	40.306	ug/l #	73

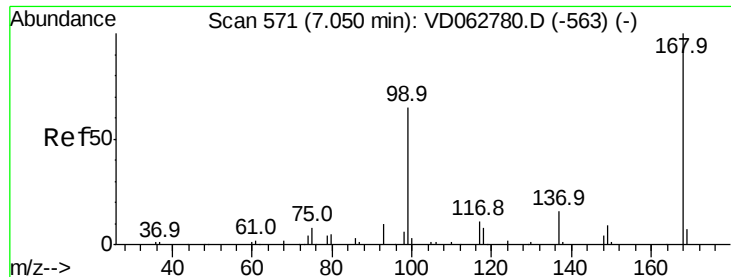
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

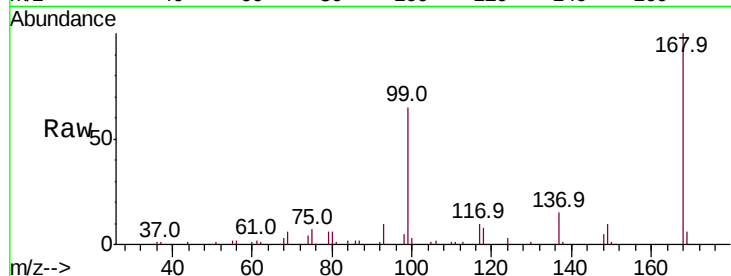
SAMPLE-8RE

Tot Ion:168 Resp: 412489

Ion Ratio Lower Upper

168 100

99 65.2 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

150000

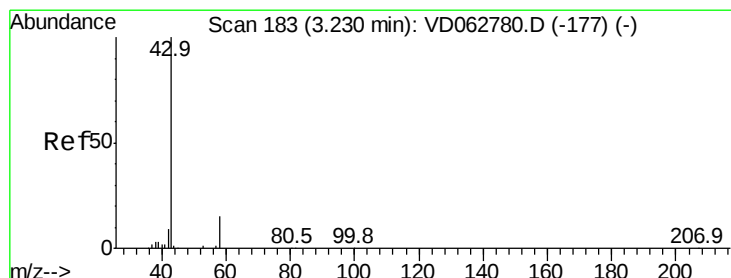
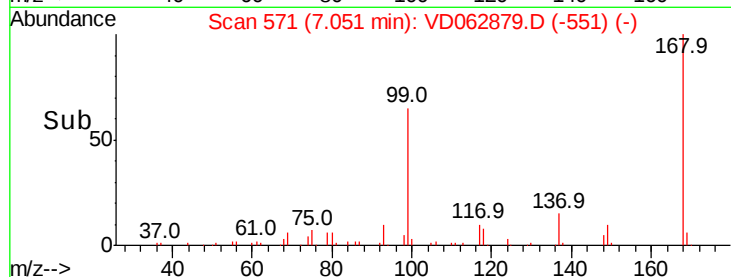
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 168.674 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062879.D

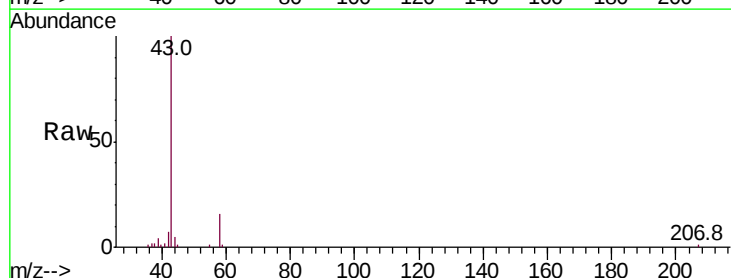
Acq: 25 Jun 2019 15:14

Tgt Ion: 43 Resp: 155437

Ion Ratio Lower Upper

43 100

58 16.0 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

60000

50000

40000

30000

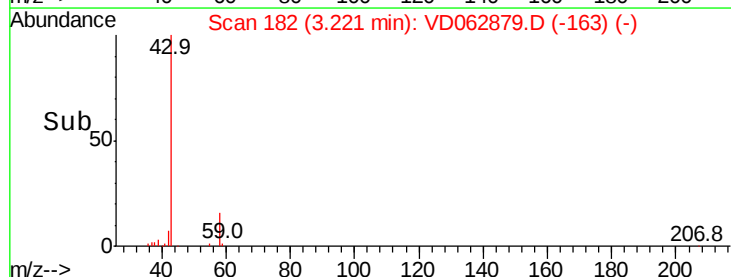
20000

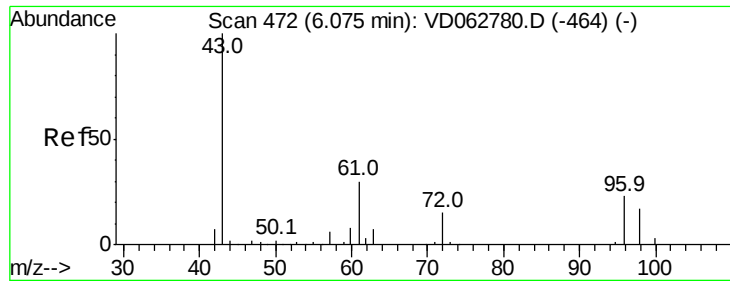
10000

0

Time-->

3.10 3.20 3.30 3.40





#25

2-Butanone

Concen: 40.306 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062879.D

Acq: 25 Jun 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

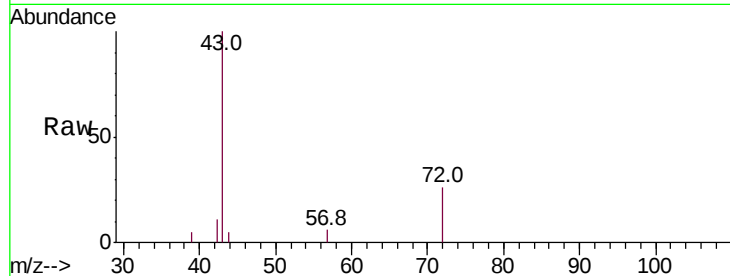
SAMPLE-8RE

Tot Ion: 43 Resp: 33800

Ion Ratio Lower Upper

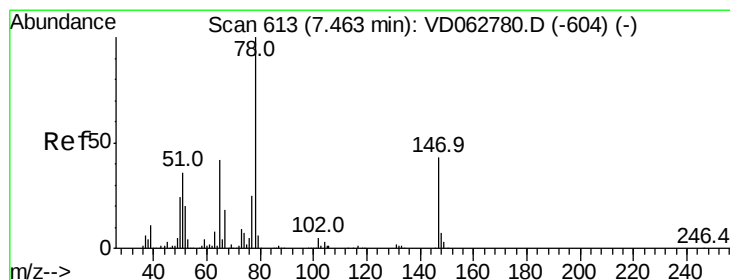
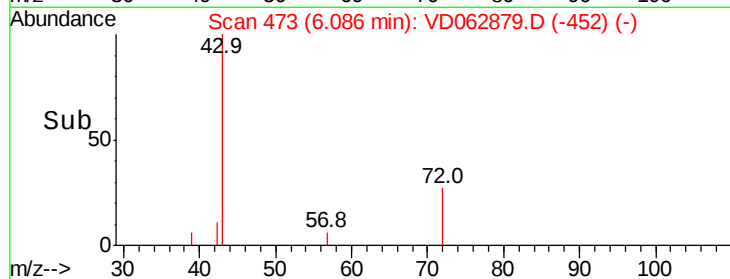
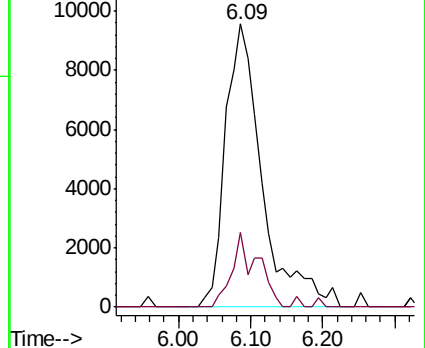
43 100

72 26.2 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 78.283 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062879.D

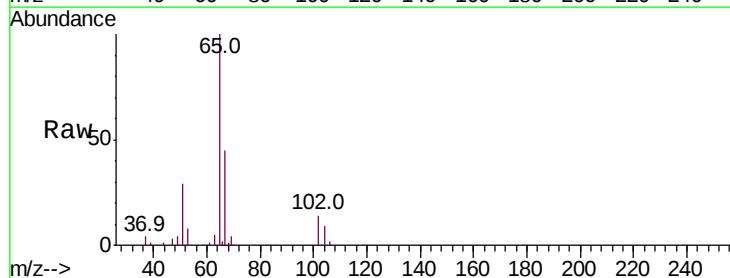
Acq: 25 Jun 2019 15:14

Tgt Ion: 65 Resp: 350997

Ion Ratio Lower Upper

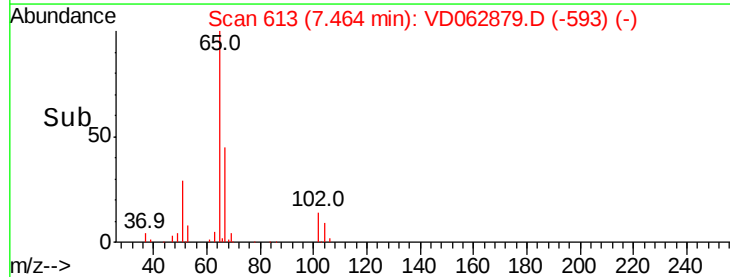
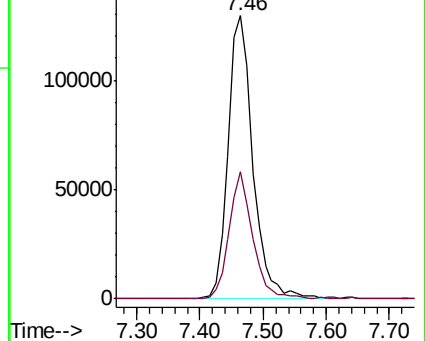
65 100

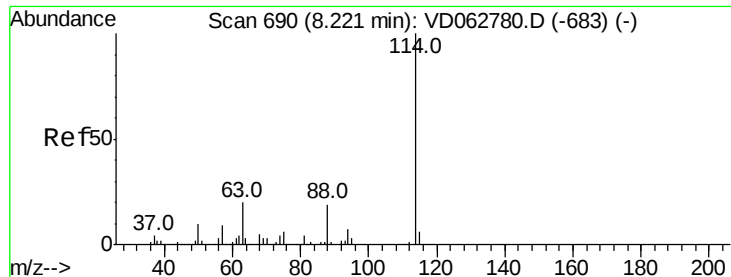
67 45.0 0.0 87.4



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062879.D

Acq: 25 Jun 2019 15:14

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-8RE

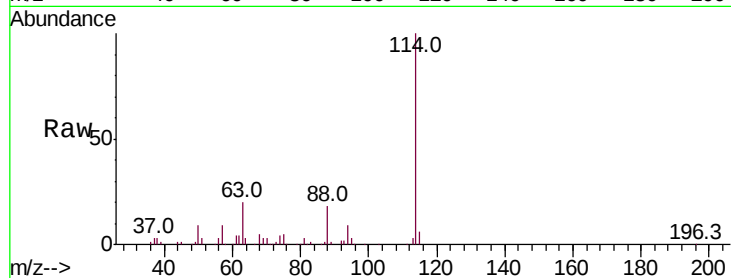
Tot Ion:114 Resp: 599860

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

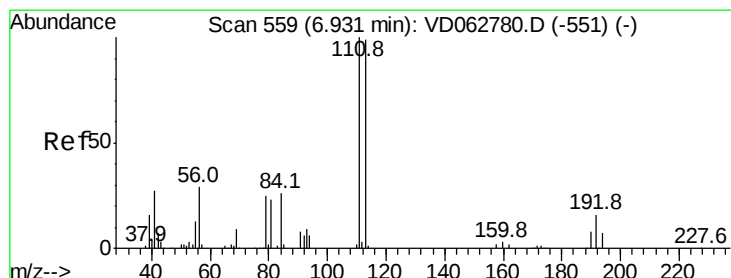
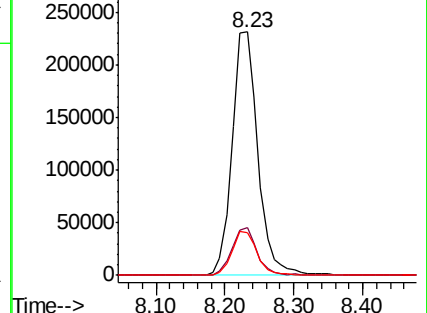
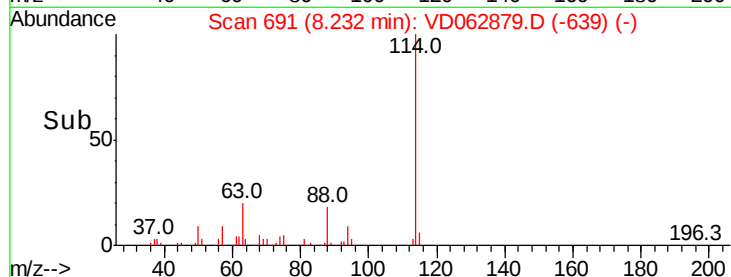
88 17.6 0.0 38.8



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: 61.852 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062879.D

Acq: 25 Jun 2019 15:14

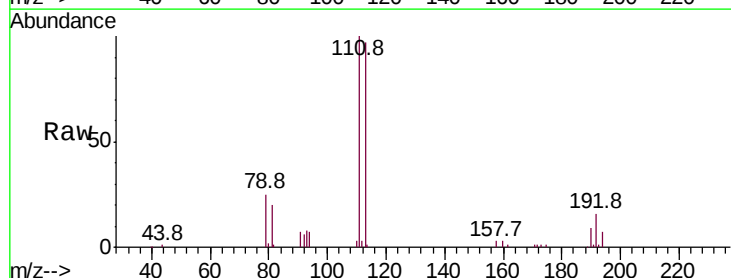
Tgt Ion:113 Resp: 312845

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

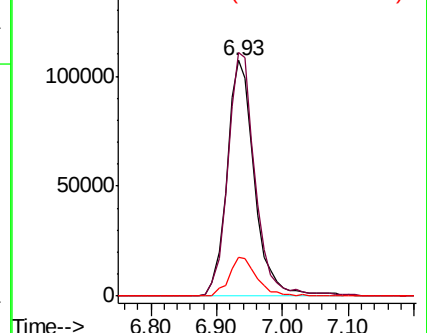
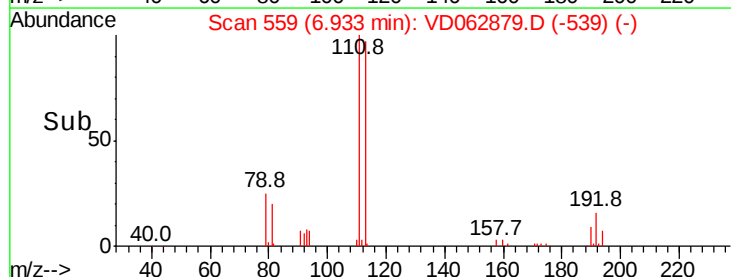
192 16.2 12.9 19.3

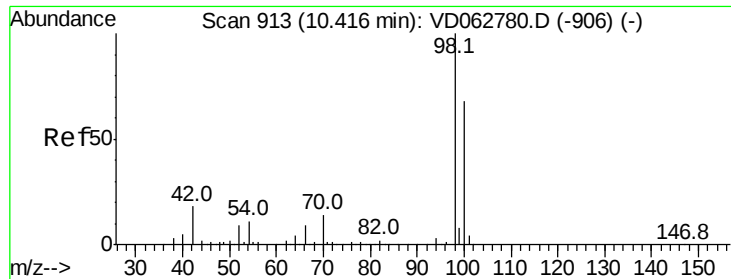


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

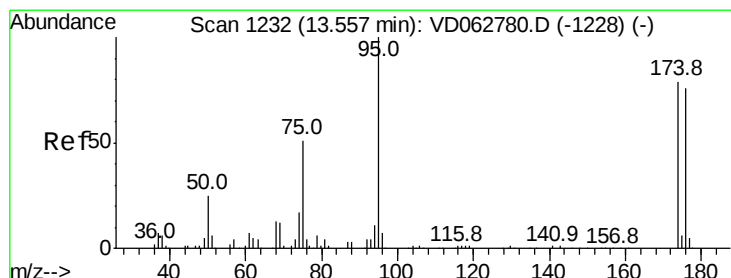
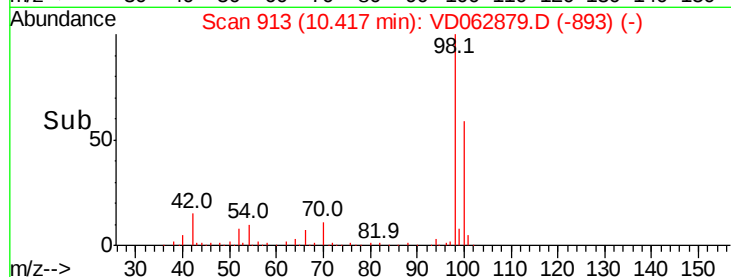
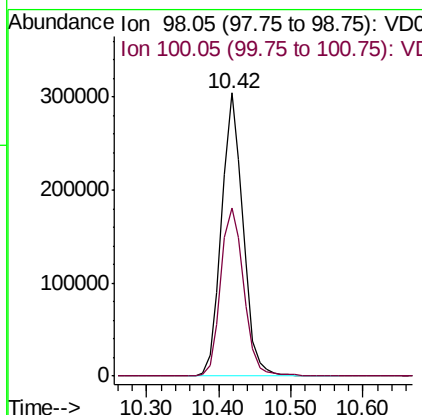
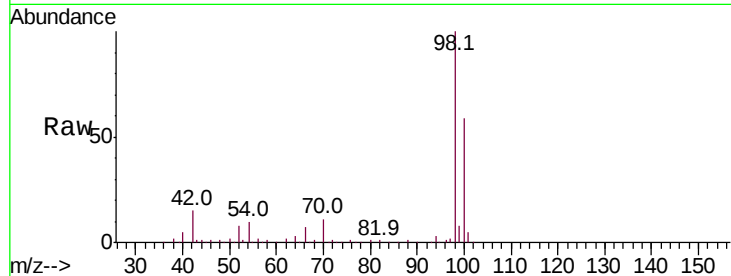




#50
Toluene-d8
Concen: 56.954 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062879.D
Acq: 25 Jun 2019 15:14

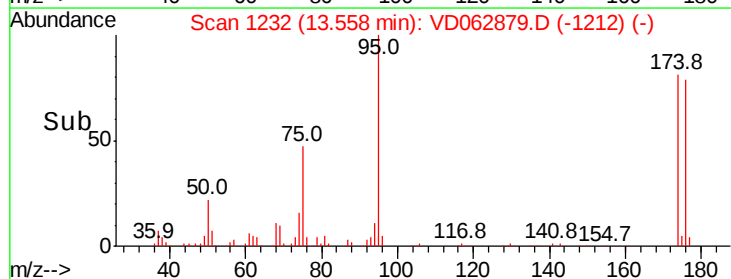
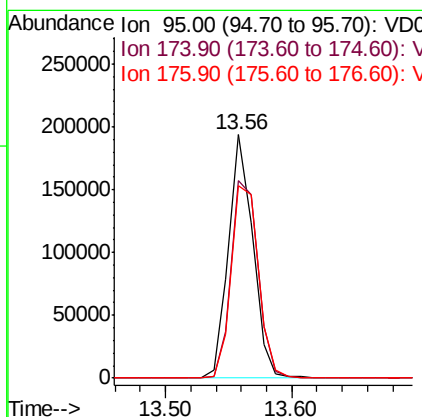
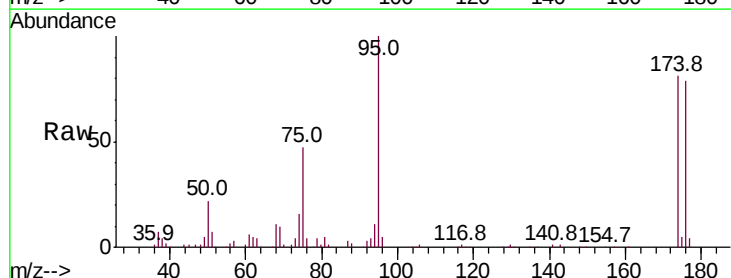
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-8RE

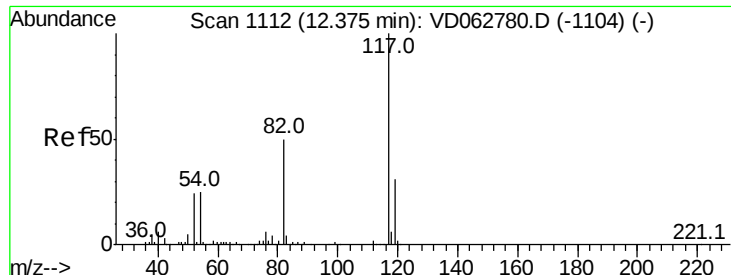
Tot Ion: 98 Resp: 626981
Ion Ratio Lower Upper
98 100
100 59.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 51.533 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062879.D
Acq: 25 Jun 2019 15:14

Tgt Ion: 95 Resp: 257958
Ion Ratio Lower Upper
95 100
174 81.2 0.0 158.0
176 78.8 0.0 151.6

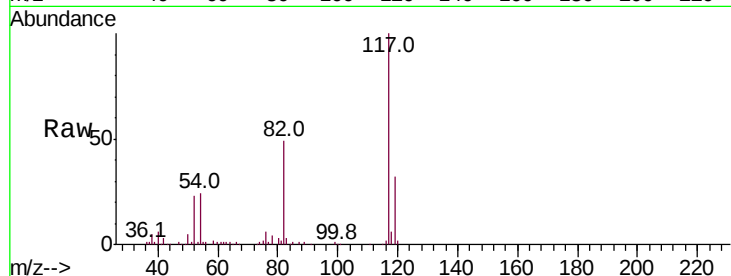




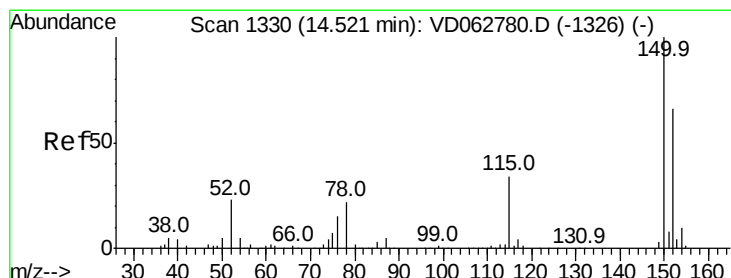
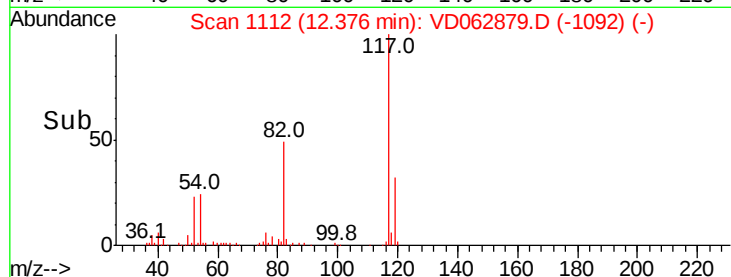
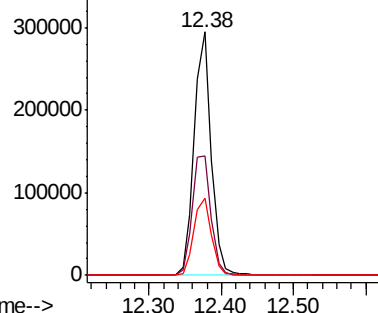
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062879.D
Acq: 25 Jun 2019 15:14

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-8RE

Tot Ion:117 Resp: 480032
Ion Ratio Lower Upper
117 100
82 48.9 40.4 60.6
119 31.7 25.2 37.8

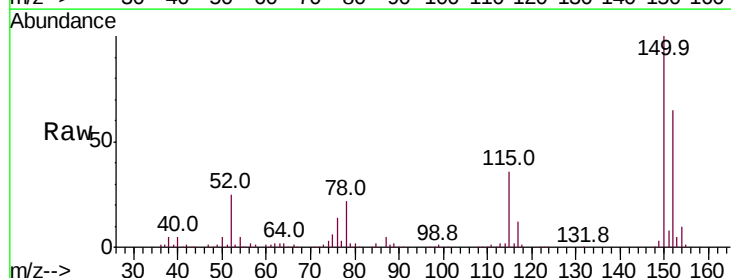


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062879.D
Acq: 25 Jun 2019 15:14

Tgt Ion:152 Resp: 208708
Ion Ratio Lower Upper
152 100
115 55.5 29.2 87.6
150 153.8 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

