

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062813.D
 Acq On : 21 Jun 2019 13:48
 Operator : VA/AP
 Sample : K3470-01
 Misc : 6.03g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4

Quant Time: Jun 22 04:41:20 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

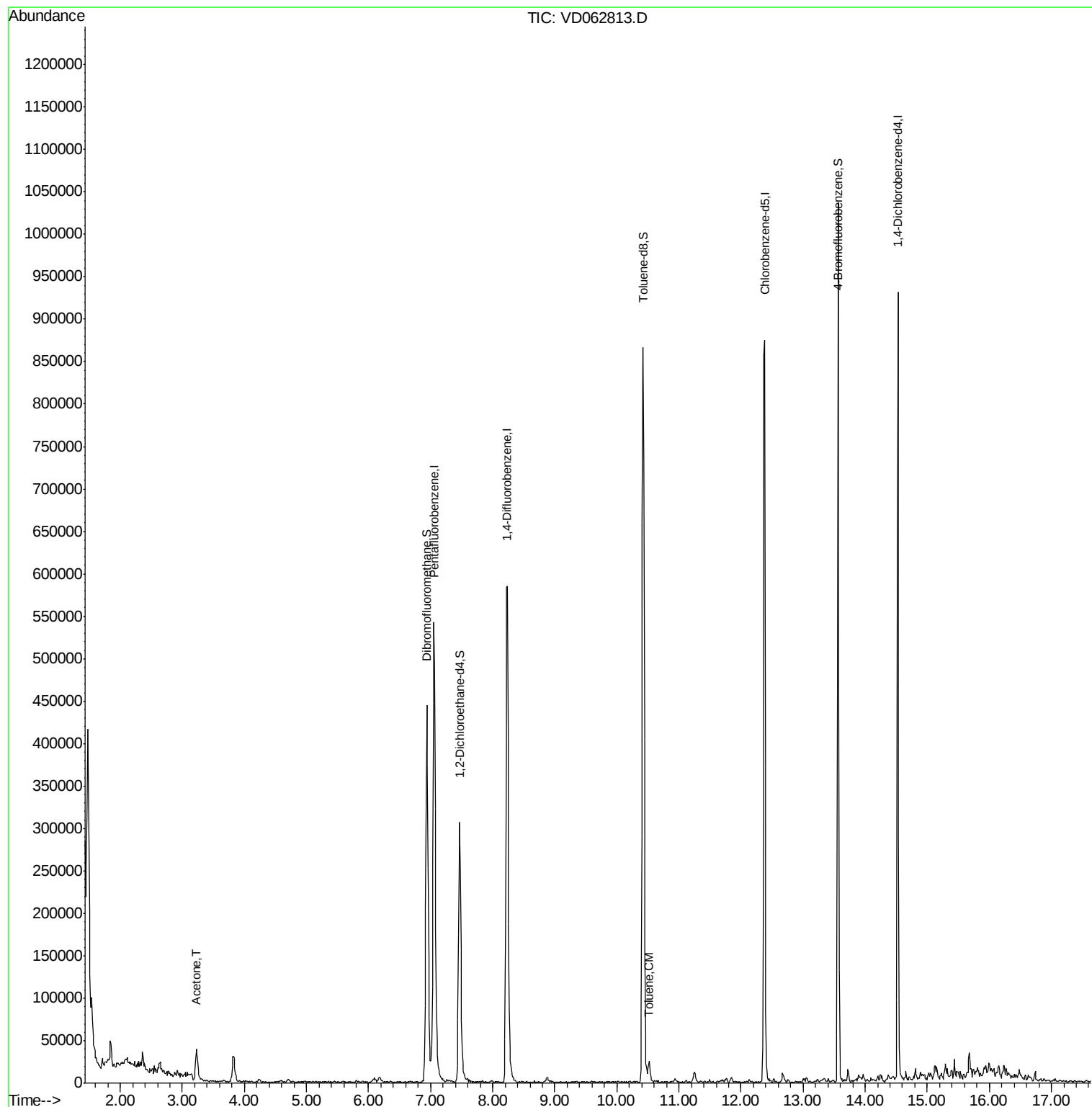
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	515224	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.24	114	625224	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	482817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	191529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	368704	65.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.68%	
35) Dibromofluoromethane	6.94	113	362880	68.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.66%	
50) Toluene-d8	10.42	98	689082	60.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.12%	
62) 4-Bromofluorobenzene	13.56	95	265020	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
Target Compounds						
16) Acetone	3.23	43	72215	58.219	ug/l #	86
52) Toluene	10.52	92	12220	1.530	ug/l	82

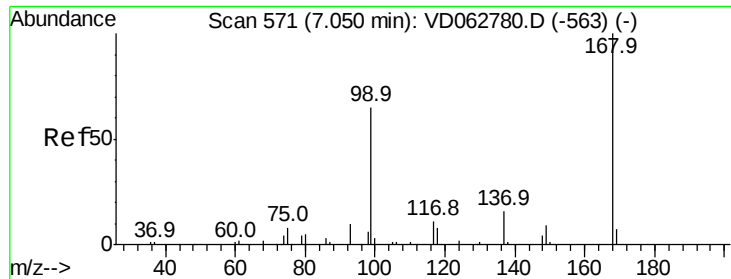
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062813.D

Acq: 21 Jun 2019 13:48

Instrument :

MSVOA_D

ClientSampleId :

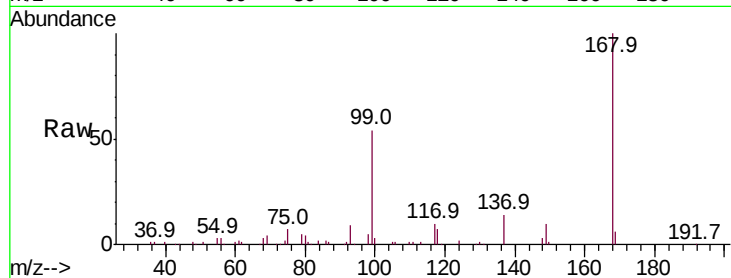
SAMPLE-4

Tot Ion:168 Resp: 515224

Ion Ratio Lower Upper

168 100

99 54.0 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

200000

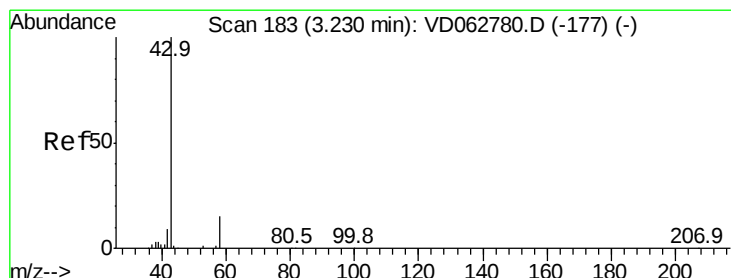
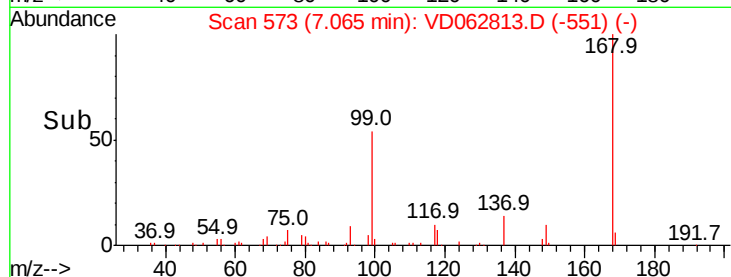
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 58.219 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062813.D

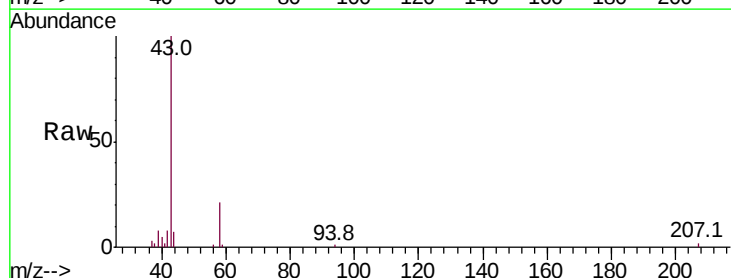
Acq: 21 Jun 2019 13:48

Tgt Ion: 43 Resp: 72215

Ion Ratio Lower Upper

43 100

58 20.9 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

25000

20000

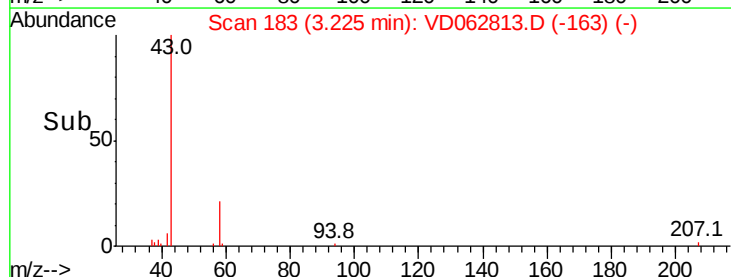
15000

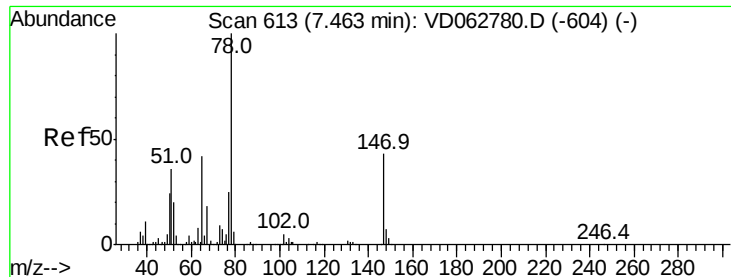
10000

5000

0

Time--> 3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 65.835 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062813.D

Acq: 21 Jun 2019 13:48

Instrument :

MSVOA_D

ClientSampleId :

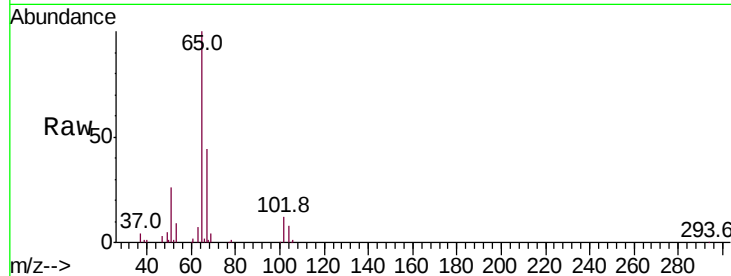
SAMPLE-4

Tot Ion: 65 Resp: 368704

Ion Ratio Lower Upper

65 100

67 44.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

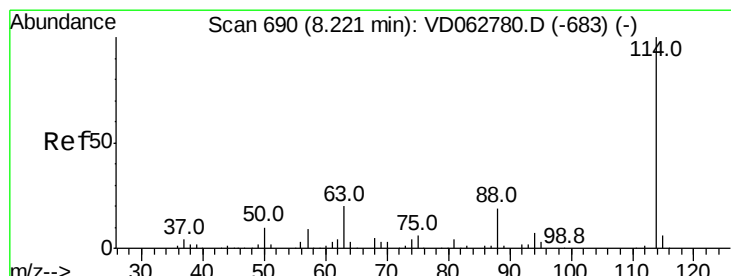
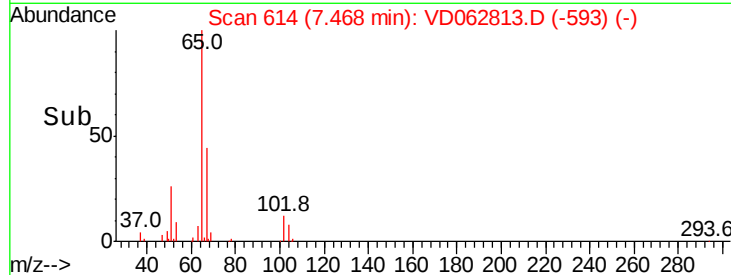
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062813.D

Acq: 21 Jun 2019 13:48

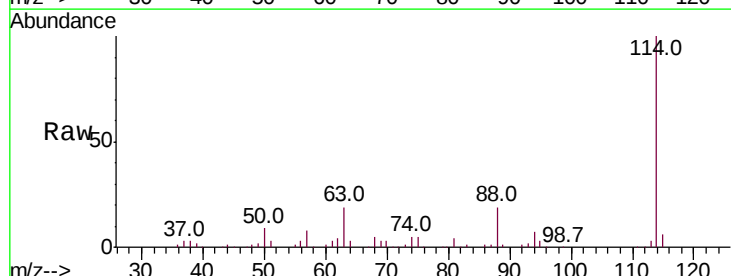
Tgt Ion: 114 Resp: 625224

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 19.4 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.24

300000

250000

200000

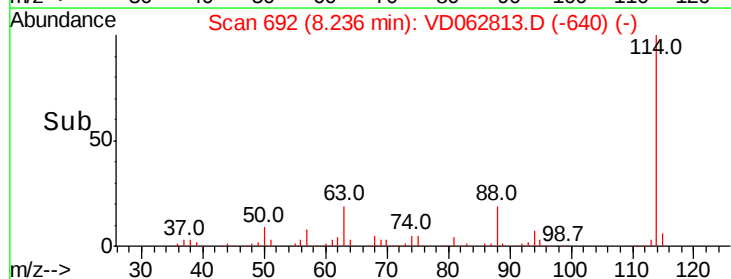
150000

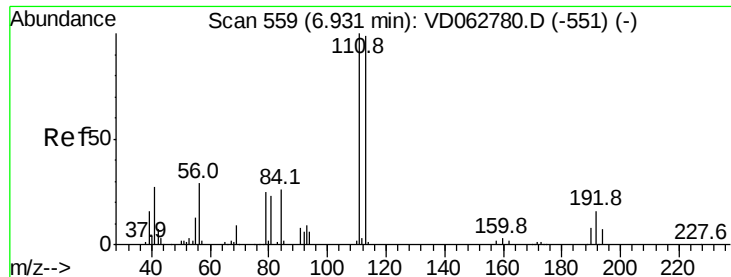
100000

50000

0

Time--> 8.10 8.20 8.30 8.40

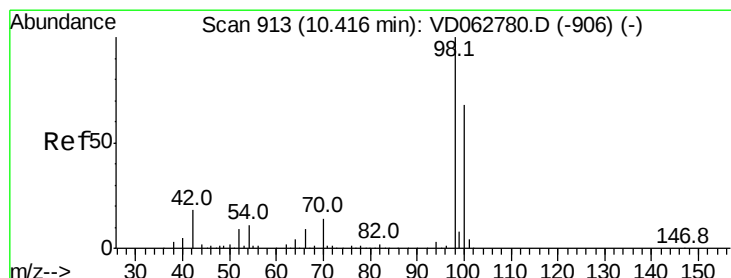
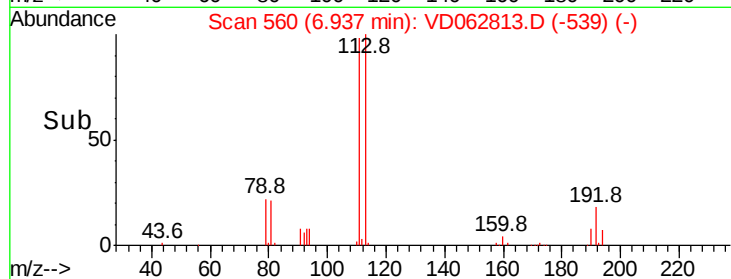
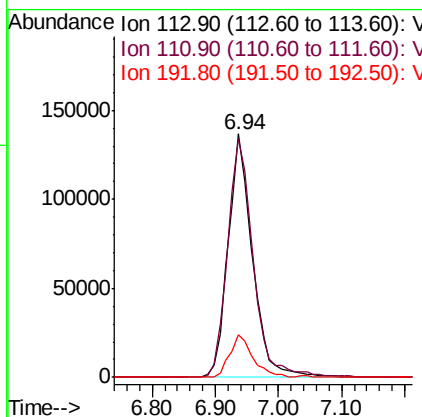
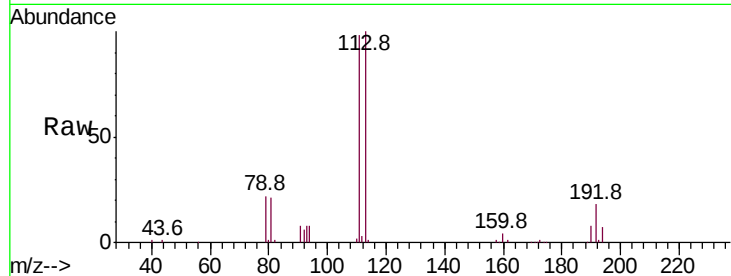




#35
 Dibromofluoromethane
 Concen: 68.833 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062813.D
 Acq: 21 Jun 2019 13:48

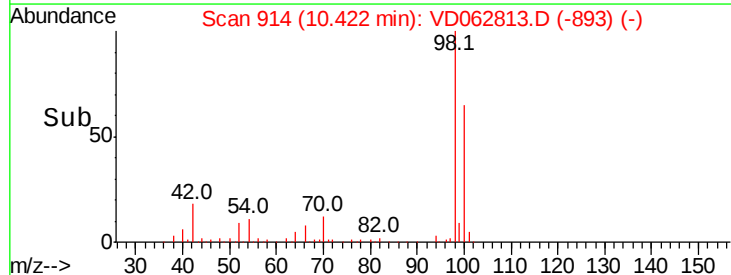
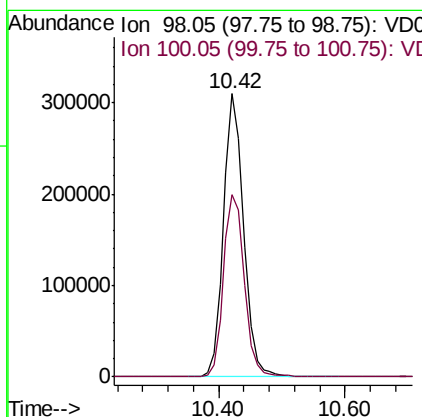
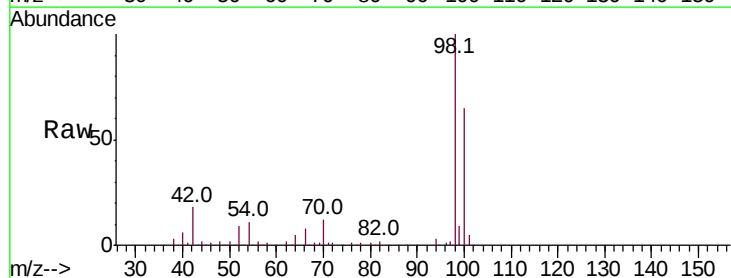
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4

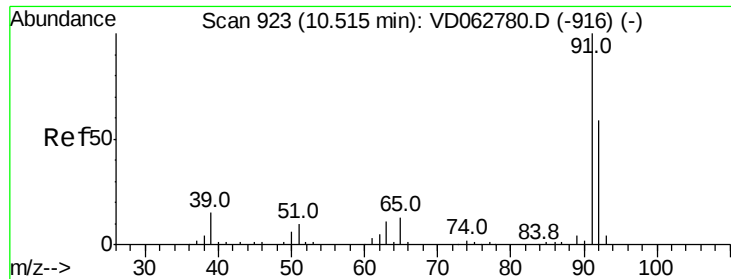
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.2	121.8
192	17.8	12.9	19.3



#50
 Toluene-d8
 Concen: 60.056 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD062813.D
 Acq: 21 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	54.7	82.1





#52

Toluene

Concen: 1.530 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD062813.D

Acq: 21 Jun 2019 13:48

Instrument :

MSVOA_D

ClientSampleId :

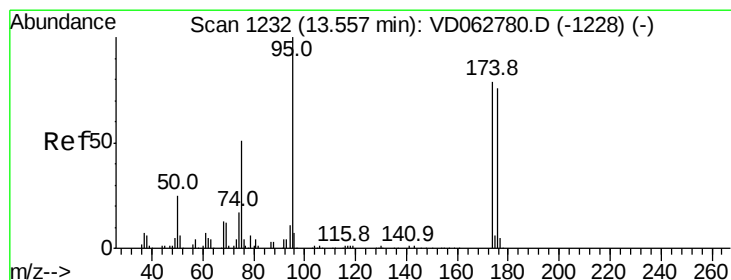
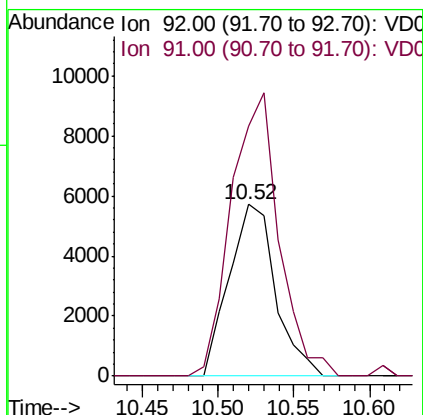
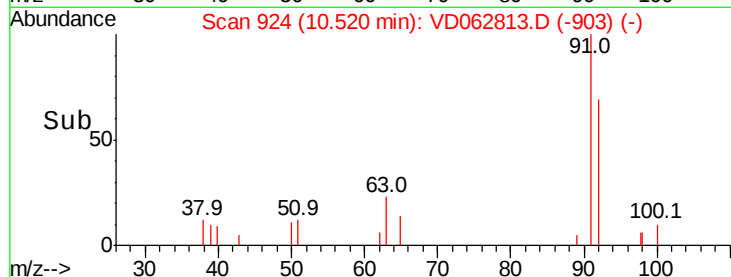
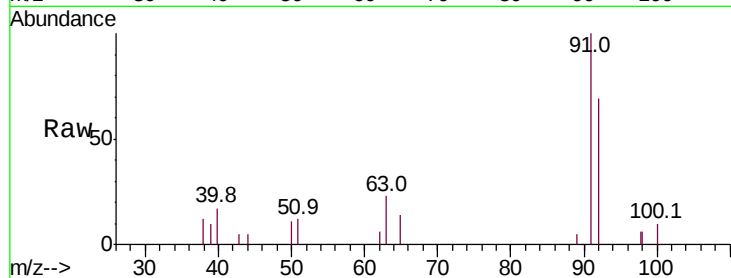
SAMPLE-4

Tot Ion: 92 Resp: 12220

Ion Ratio Lower Upper

92 100

91 145.2 136.3 204.5



#62

4-Bromofluorobenzene

Concen: 50.796 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062813.D

Acq: 21 Jun 2019 13:48

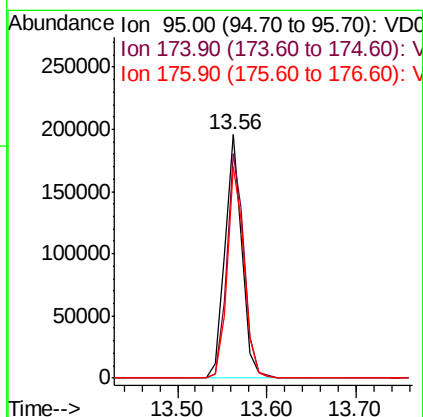
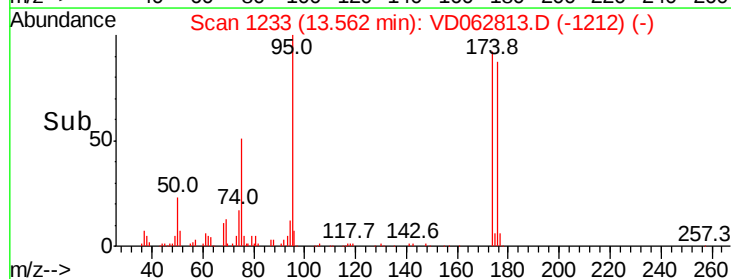
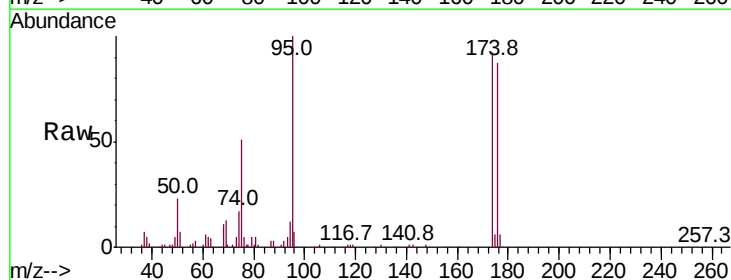
Tgt Ion: 95 Resp: 265020

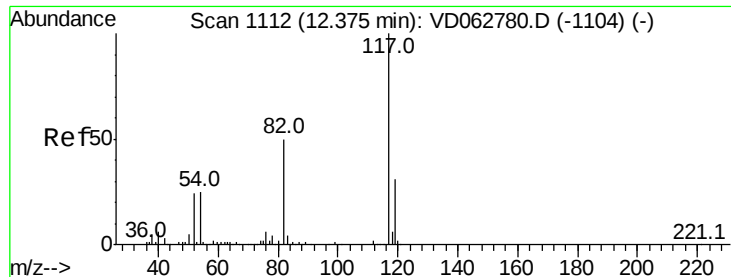
Ion Ratio Lower Upper

95 100

174 92.0 0.0 158.0

176 86.8 0.0 151.6

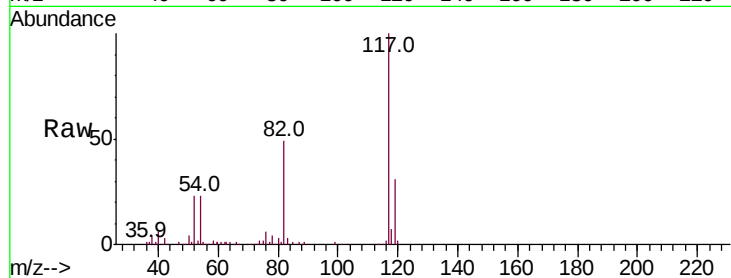




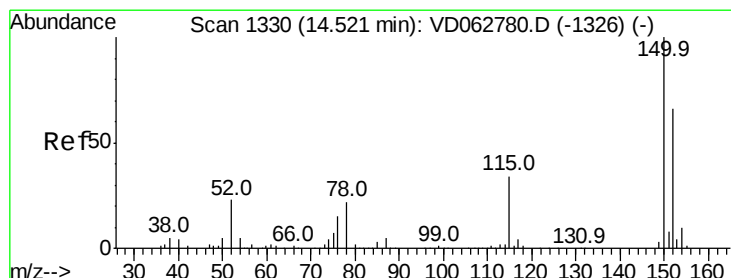
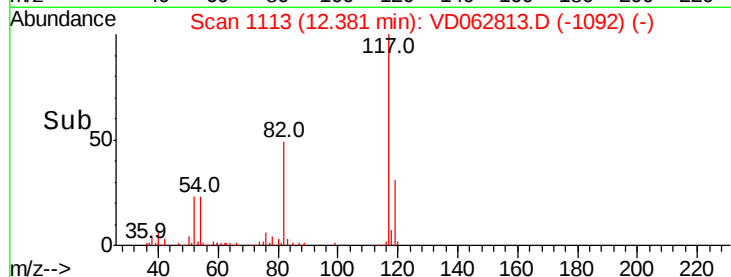
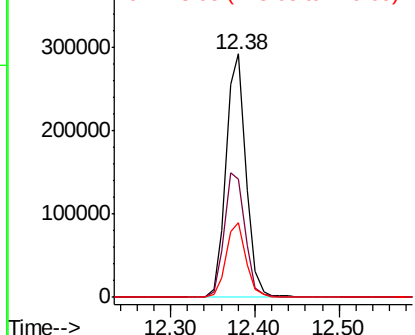
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062813.D
Acq: 21 Jun 2019 13:48

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.8	40.4	60.6
119	30.9	25.2	37.8

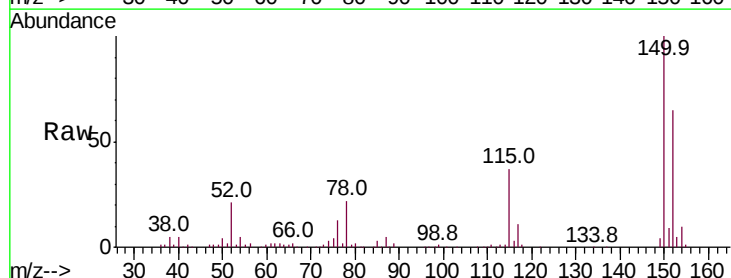


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062813.D
Acq: 21 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.2	87.6
150	152.8	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

