

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062655.D
 Acq On : 10 Jun 2019 16:00
 Operator : VA/AP
 Sample : K3273-16
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7_9.5-10.0_060719

Quant Time: Jun 11 07:57:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	266186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	380927	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	331703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	206690	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	209491	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
35) Dibromofluoromethane	6.91	113	176137	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
50) Toluene-d8	10.40	98	315621	37.35	ug/l	0.00
Spiked Amount			Recovery	=	74.70%	
62) 4-Bromofluorobenzene	13.55	95	168525	42.74	ug/l	0.00
Spiked Amount			Recovery	=	85.48%	

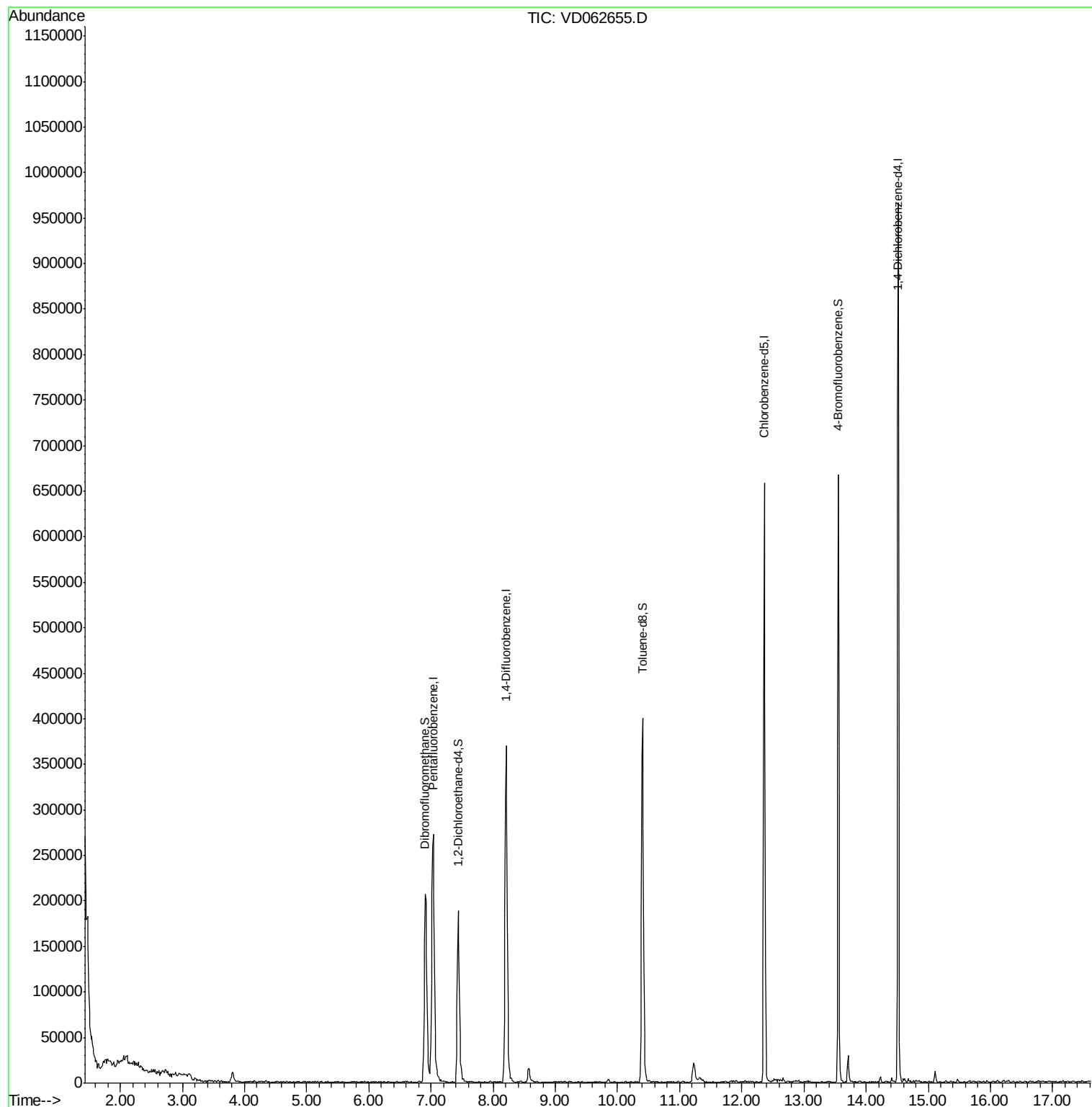
Target Compounds	Qvalue
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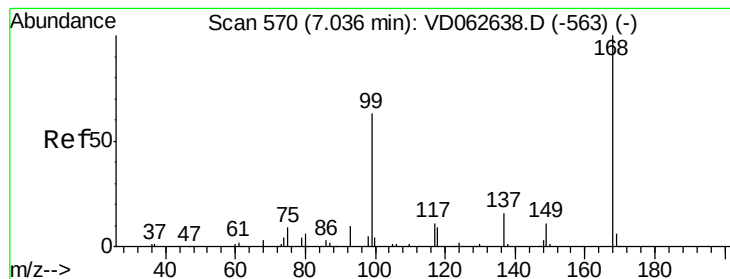
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062655.D

Acq: 10 Jun 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

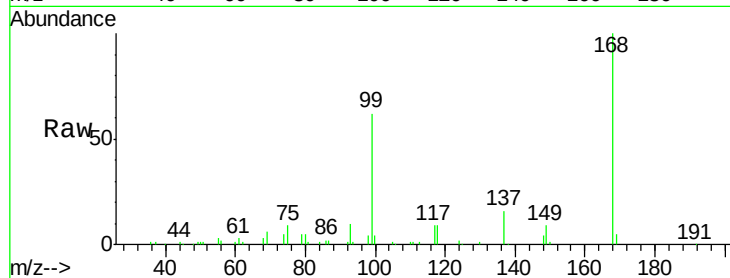
SB-7_9.5-10.0_060719

Tot Ion:168 Resp: 266186

Ion Ratio Lower Upper

168 100

99 62.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

100000

80000

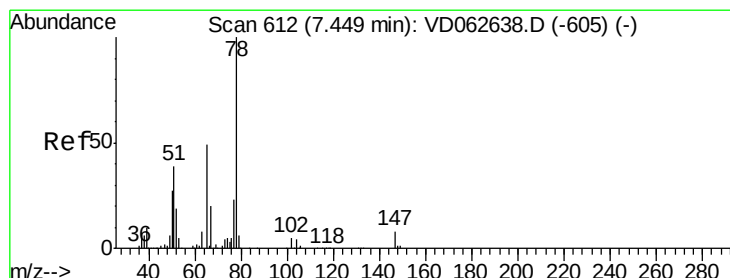
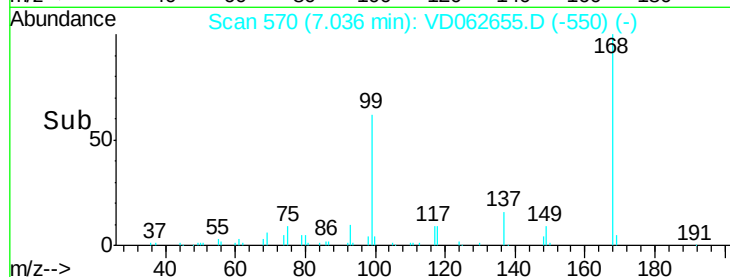
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.540 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062655.D

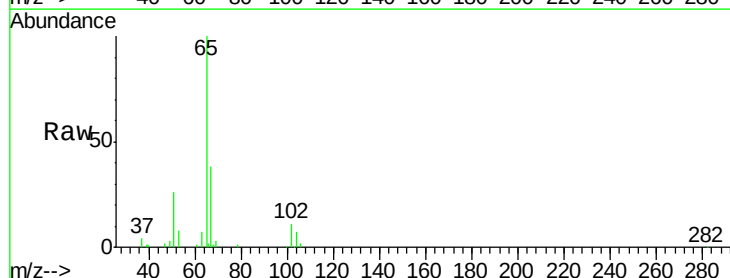
Acq: 10 Jun 2019 16:00

Tgt Ion: 65 Resp: 209491

Ion Ratio Lower Upper

65 100

67 37.6 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

100000

80000

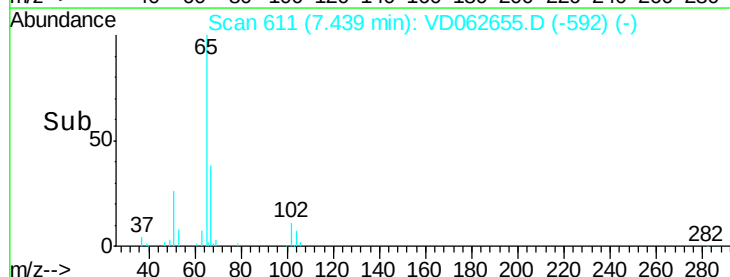
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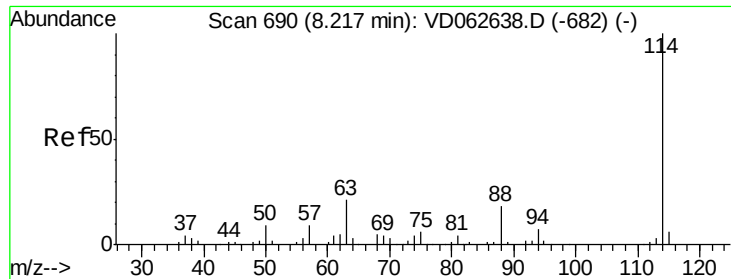
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Time-->

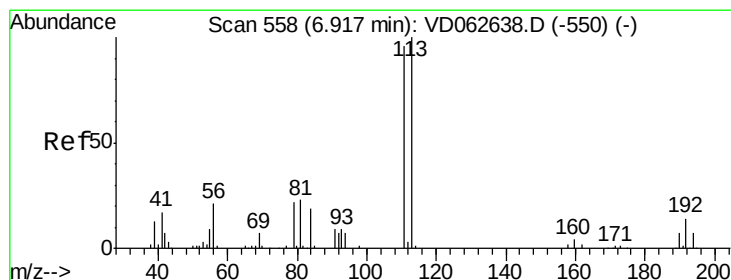
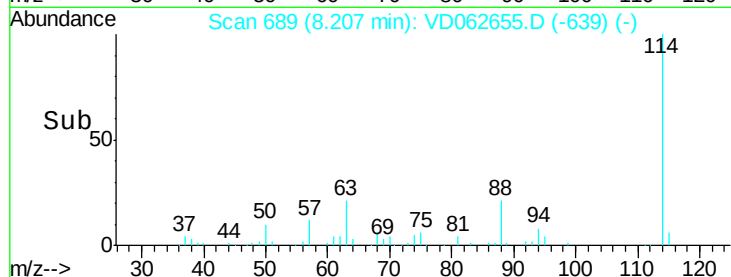
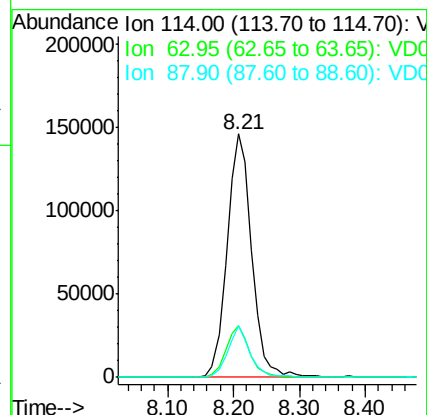
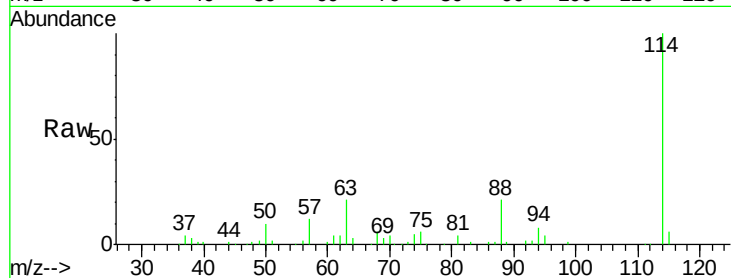




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062655.D
 Acq: 10 Jun 2019 16:00

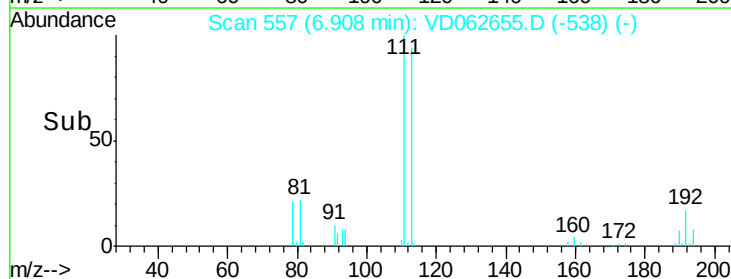
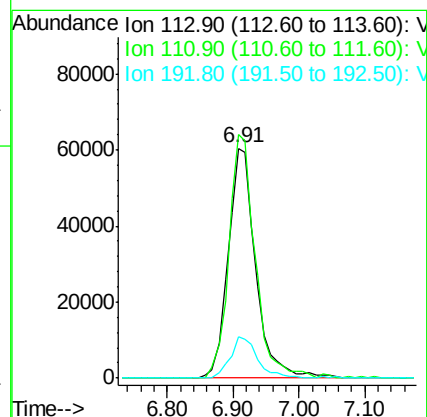
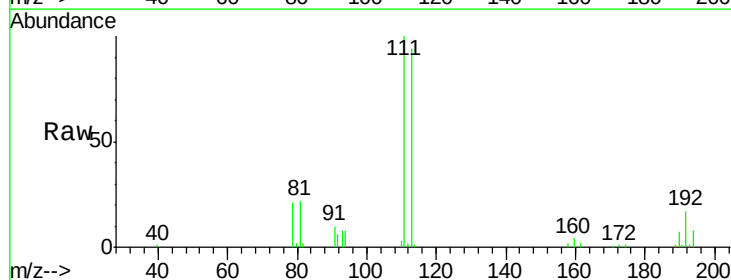
Instrument :
 MSVOA_D
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 SB-7_9.5-10.0_060719

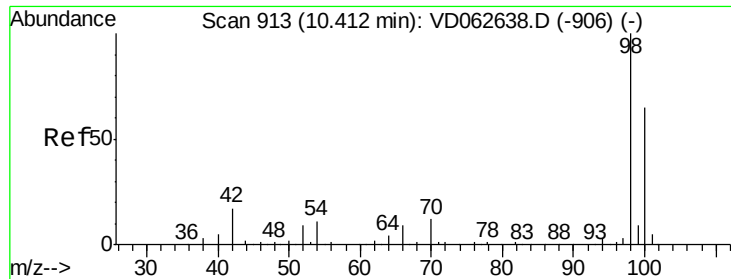
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	21.0	0.0	36.8



#35
 Dibromofluoromethane
 Concen: 43.844 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD062655.D
 Acq: 10 Jun 2019 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.0	76.4	114.6
192	17.7	11.4	17.0#

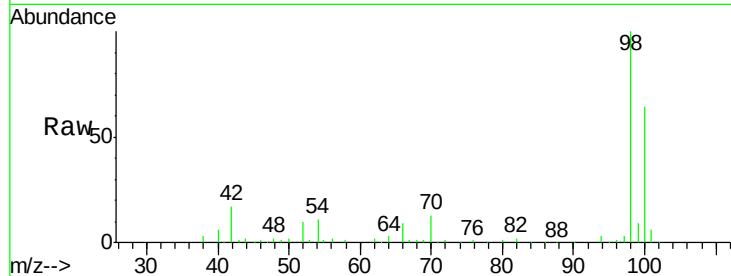




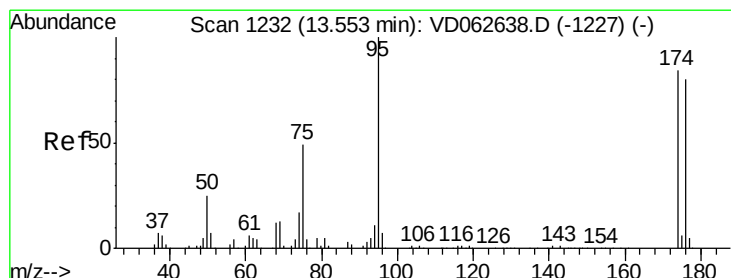
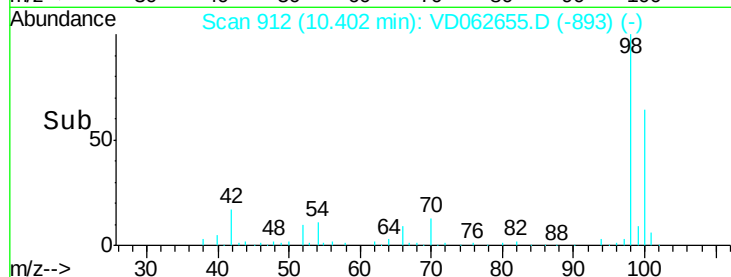
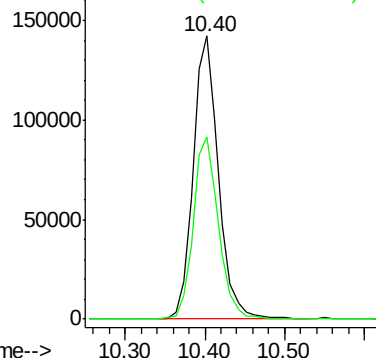
#50
Toluene-d8
Concen: 37.346 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062655.D
Acq: 10 Jun 2019 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-7_9.5-10.0_060719

Tot Ion: 98 Resp: 315621
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

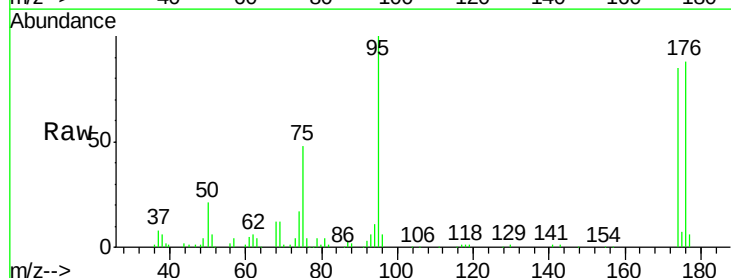


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

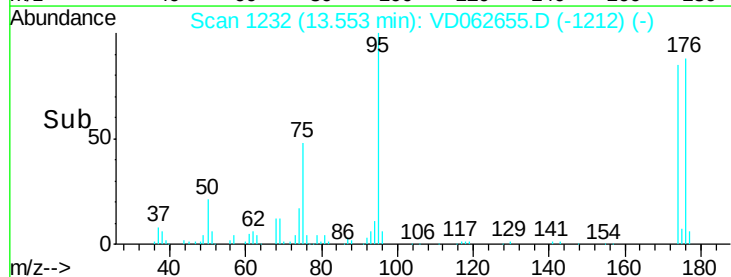
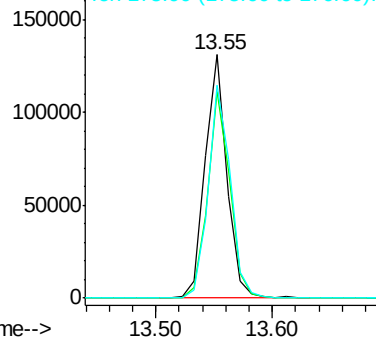


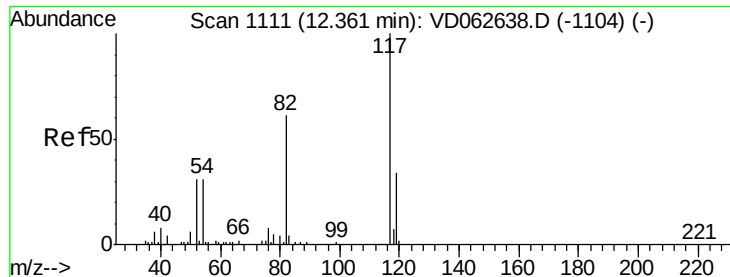
#62
4-Bromofluorobenzene
Concen: 42.743 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062655.D
Acq: 10 Jun 2019 16:00

Tgt Ion: 95 Resp: 168525
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.0
176 87.5 0.0 159.2



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

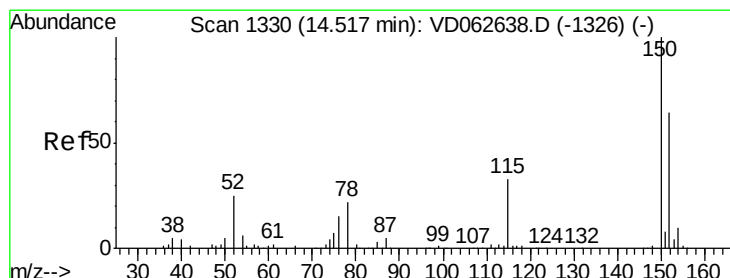
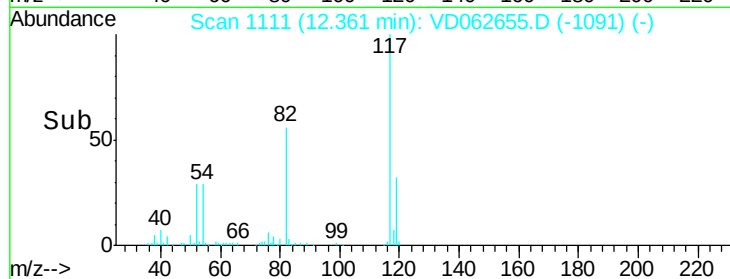
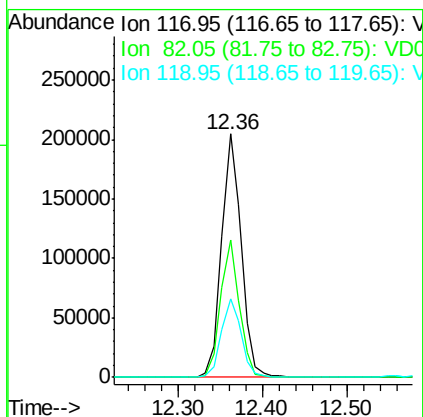
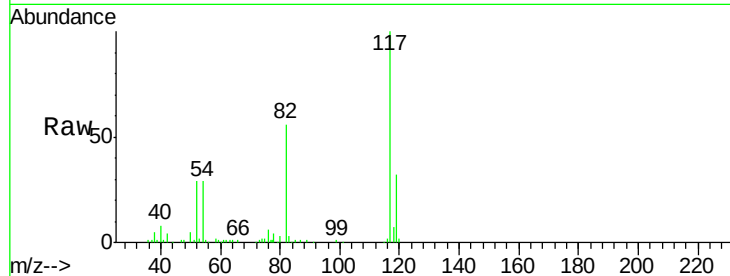




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062655.D
Acq: 10 Jun 2019 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-7_9.5-10.0_060719

Tot Ion:117 Resp: 331703
Ion Ratio Lower Upper
117 100
82 56.2 48.7 73.1
119 32.0 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062655.D
Acq: 10 Jun 2019 16:00

Tgt Ion:152 Resp: 206690
Ion Ratio Lower Upper
152 100
115 56.2 30.1 90.5
150 151.3 0.0 314.0

