

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062200.D
 Acq On : 9 May 2019 20:50
 Operator : FY/SY
 Sample : K2717-12
 Misc : 5.13g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-02

Quant Time: May 10 05:05:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	208190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	362743	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	274964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	136494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	241476	124.81	ug/l	0.00
Spiked Amount			Recovery	=	249.62%	
35) Dibromofluoromethane	6.91	113	218950	72.75	ug/l	0.02
Spiked Amount			Recovery	=	145.50%	
50) Toluene-d8	10.40	98	360352	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	13.55	95	160681	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	

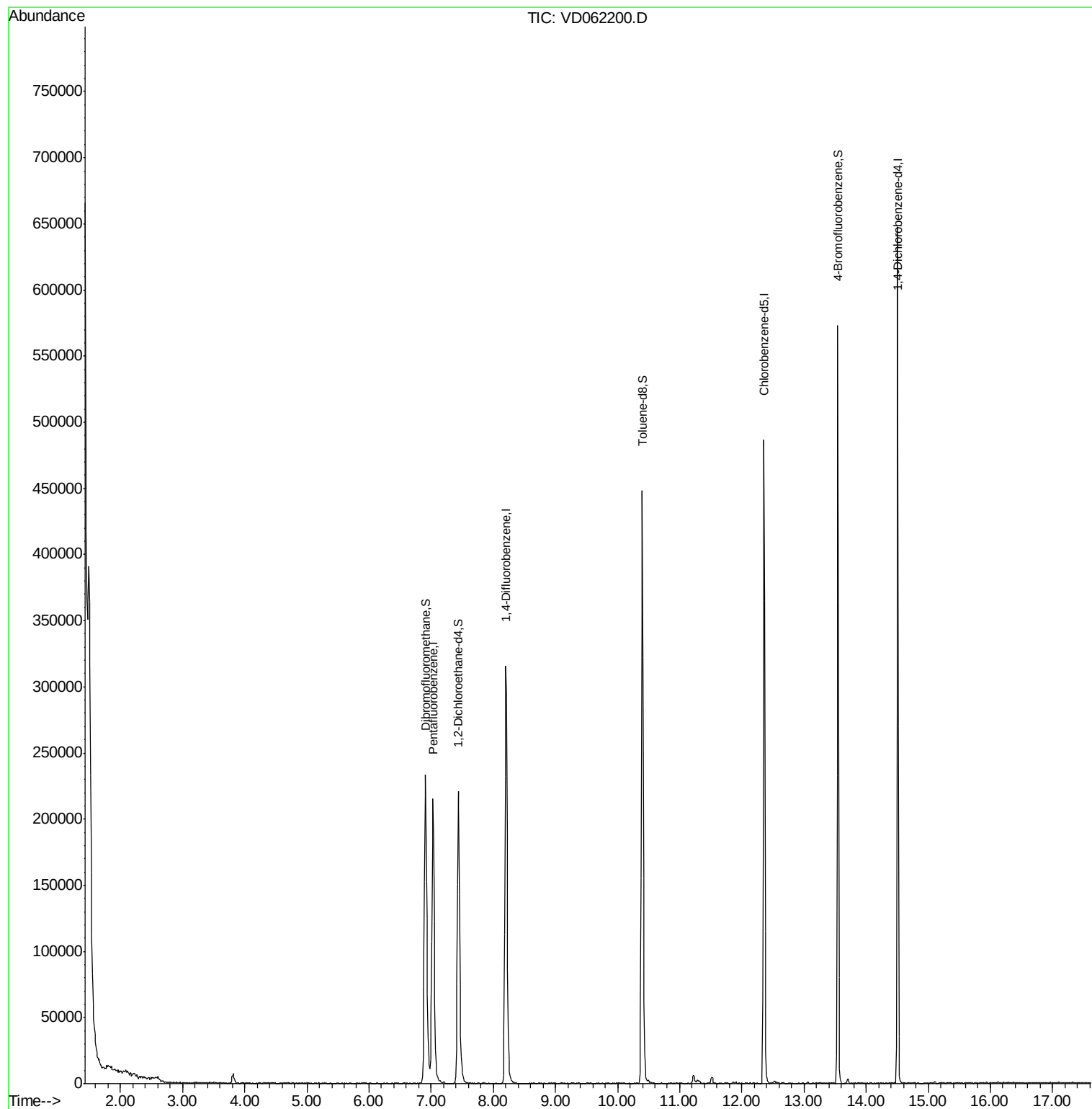
Target Compounds	Qvalue
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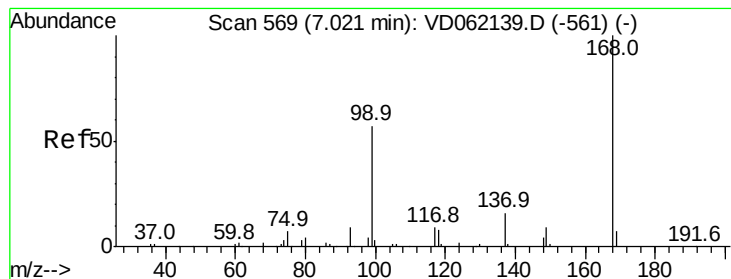
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

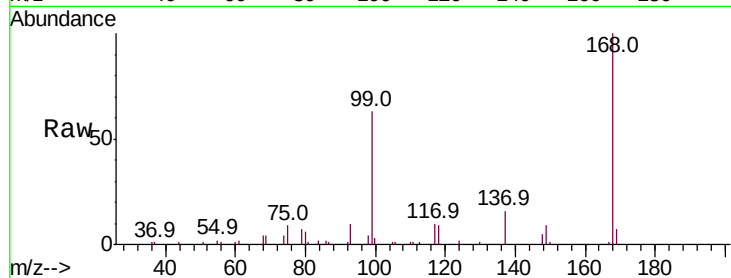
P026-SS002-1218-02

Tot Ion:168 Resp: 208190

Ion Ratio Lower Upper

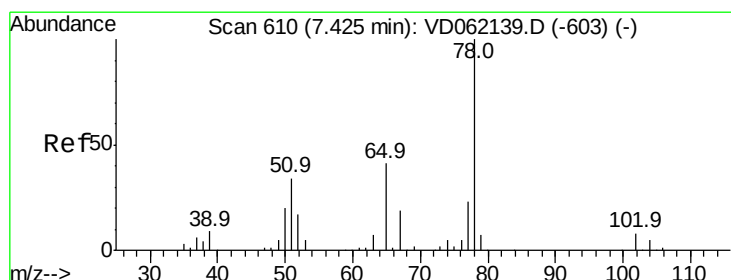
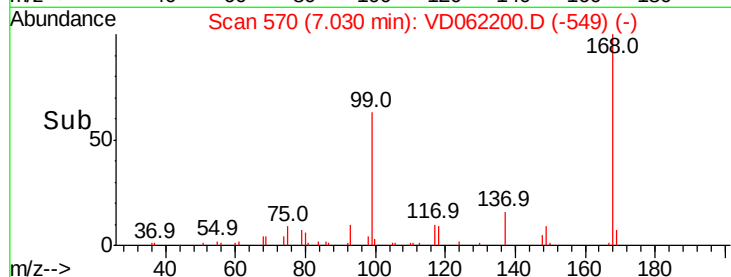
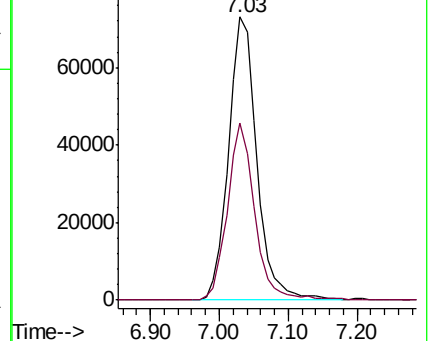
168 100

99 62.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 124.811 ug/l

RT: 7.43 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062200.D

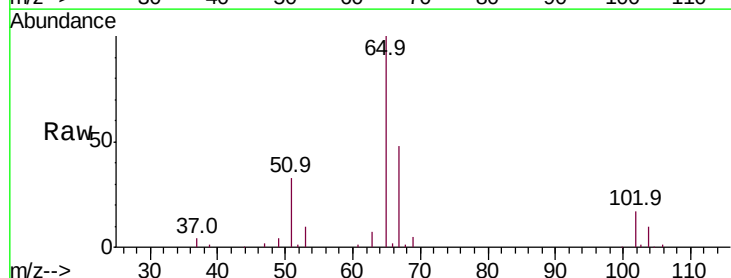
Acq: 9 May 2019 20:50

Tgt Ion: 65 Resp: 241476

Ion Ratio Lower Upper

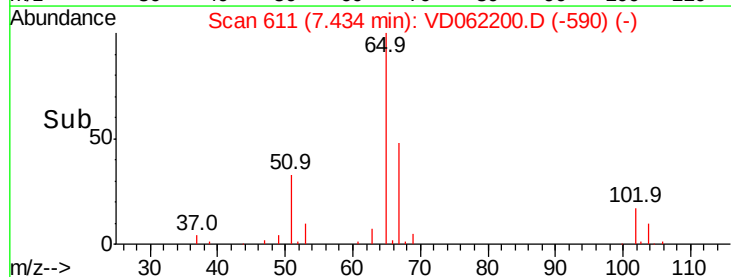
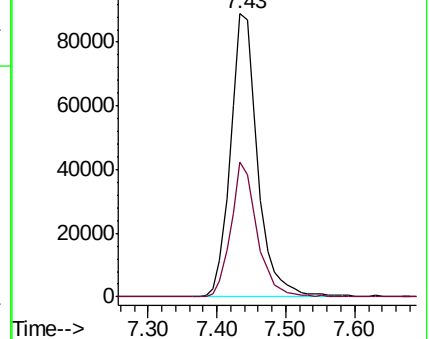
65 100

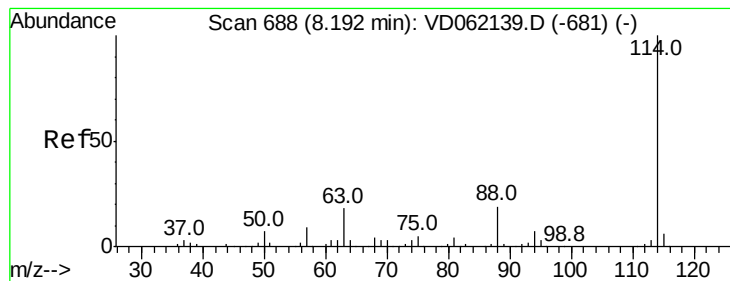
67 47.6 0.0 98.0



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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

Instrument :

MSVOA_D

ClientSampleId :

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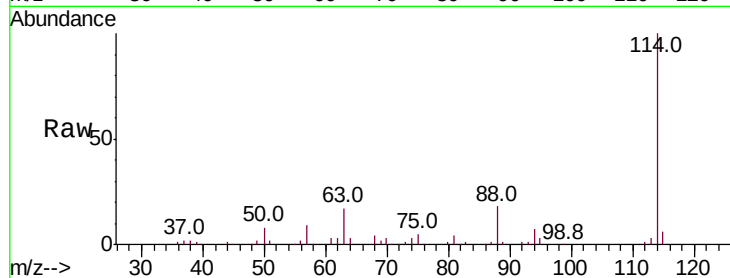
Tot Ion:114 Resp: 362743

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.4

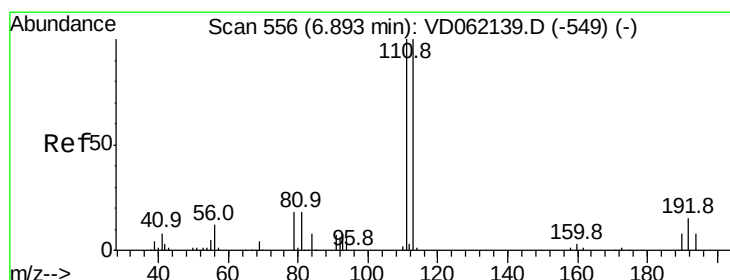
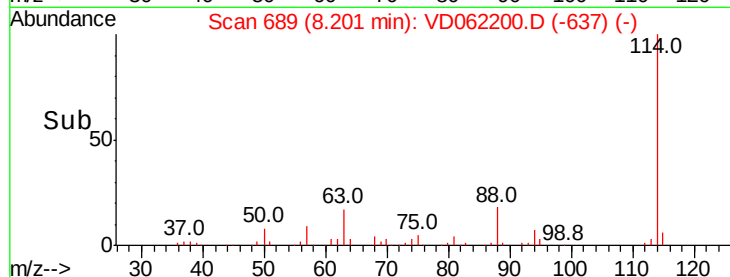
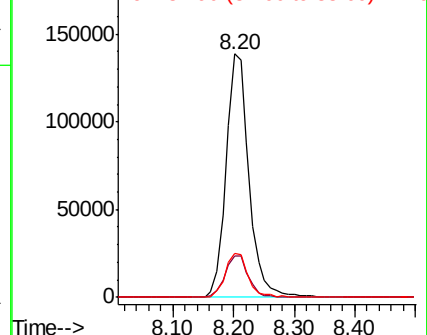
88 17.9 0.0 33.6



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: 72.748 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062200.D

Acq: 9 May 2019 20:50

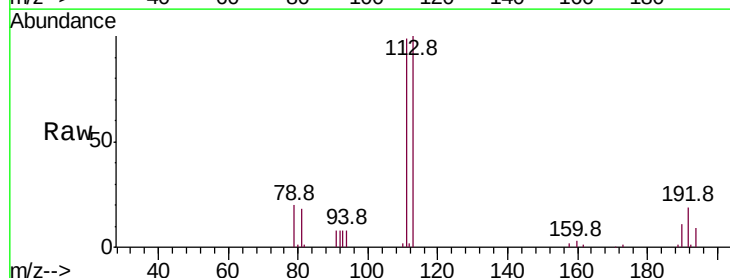
Tgt Ion:113 Resp: 218950

Ion Ratio Lower Upper

113 100

111 98.6 78.5 117.7

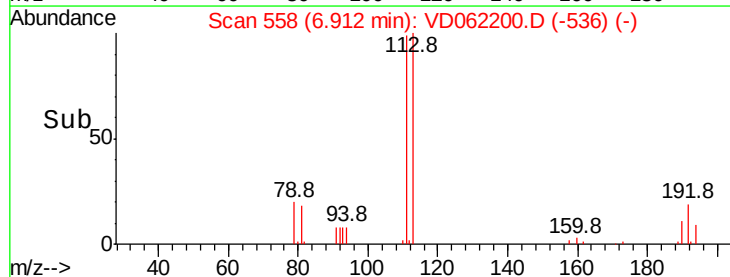
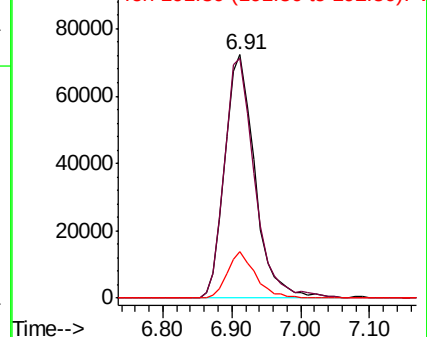
192 19.2 13.0 19.4

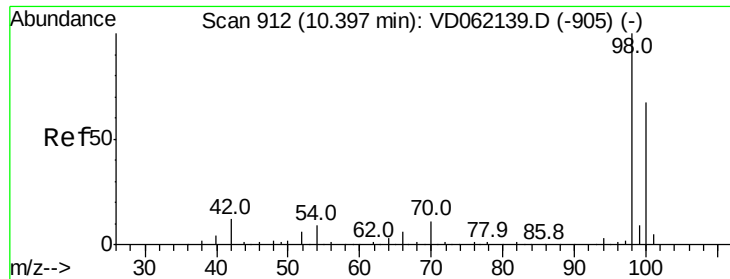


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

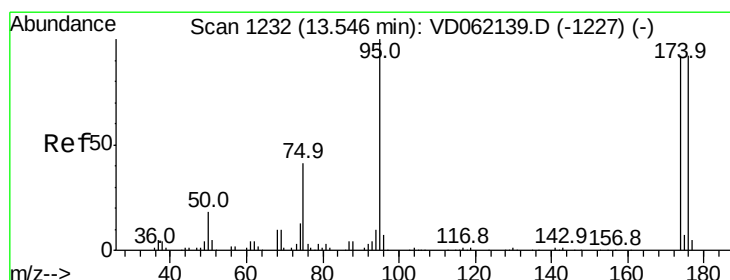
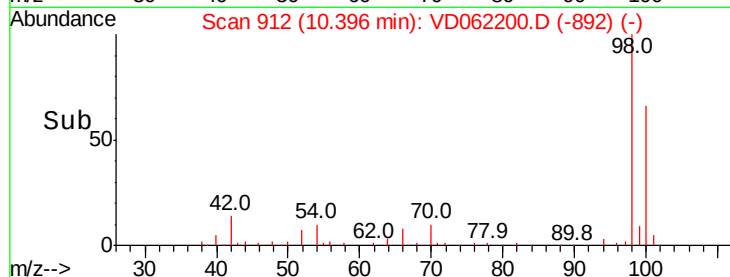
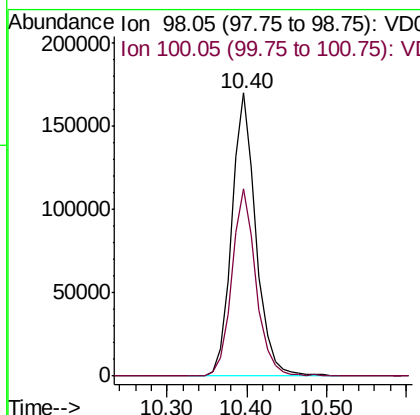
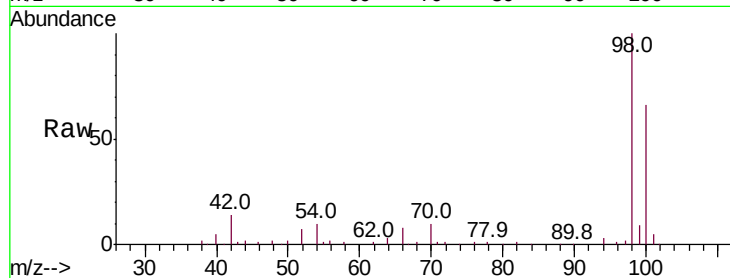




#50
Toluene-d8
Concen: 49.658 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

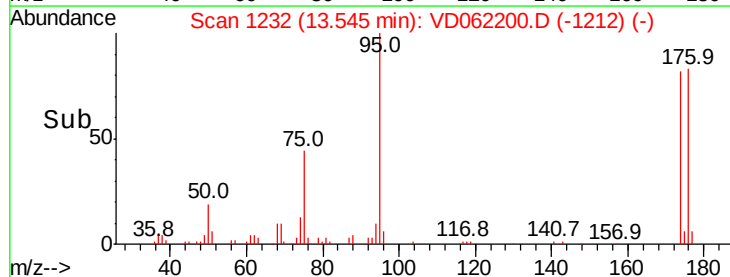
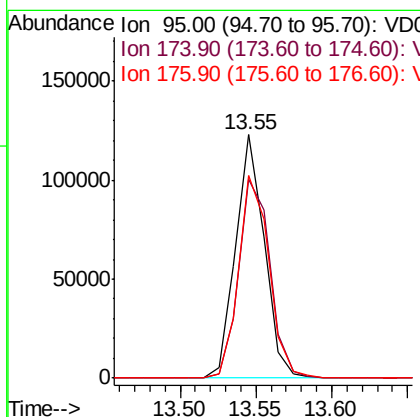
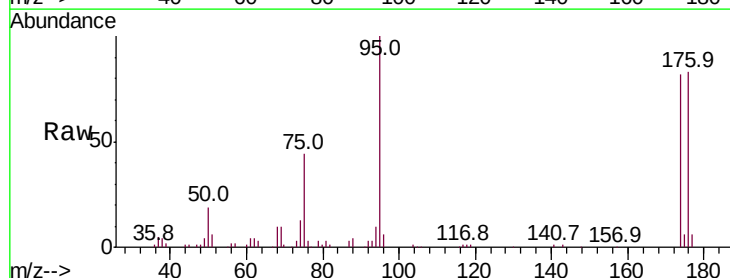
Instrument :
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P026-SS002-1218-02

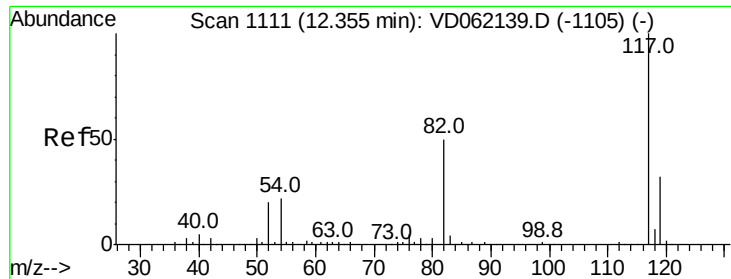
Tot Ion: 98 Resp: 360352
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 55.141 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

Tgt Ion: 95 Resp: 160681
Ion Ratio Lower Upper
95 100
174 81.7 0.0 181.8
176 83.1 0.0 174.4

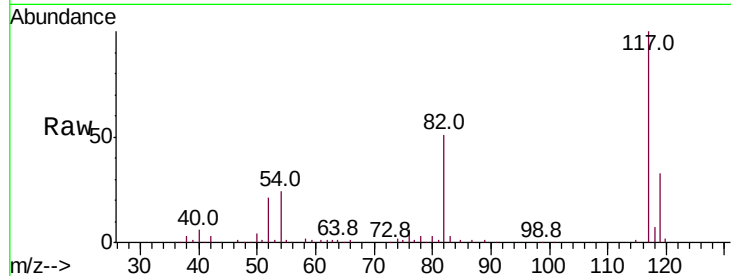




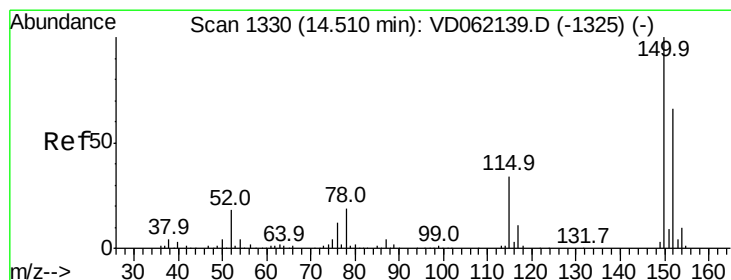
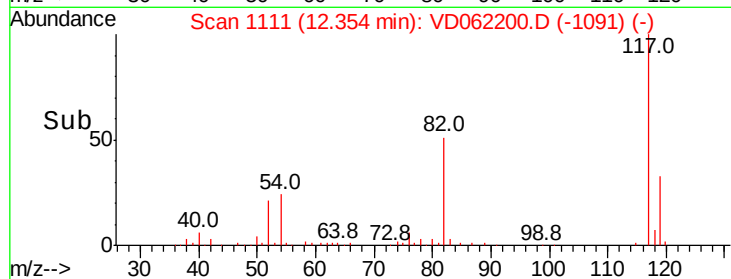
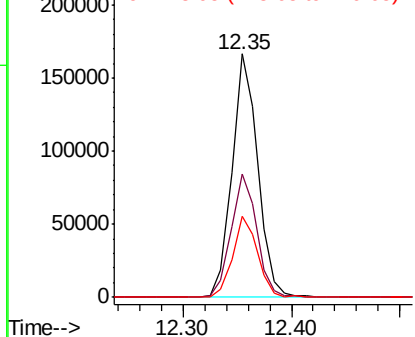
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-02

Tot Ion:117 Resp: 274964
Ion Ratio Lower Upper
117 100
82 50.7 36.2 54.2
119 33.1 26.2 39.4

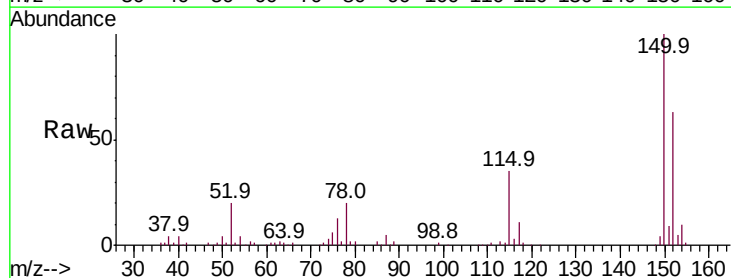


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062200.D
Acq: 9 May 2019 20:50

Tgt Ion:152 Resp: 136494
Ion Ratio Lower Upper
152 100
115 54.9 30.9 92.7
150 157.9 0.0 314.8



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

