

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062245.D
 Acq On : 11 May 2019 18:49
 Operator : FY/SY
 Sample : K2719-12
 Misc : 6.20g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-1824-01

Quant Time: May 15 02:54:26 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	7.05	168	635003	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	893101	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	615794	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	257144	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	339398	57.51	ug/l	0.02
Spiked Amount			Recovery	=	115.02%	
35) Dibromofluoromethane	6.93	113	402227	54.28	ug/l	0.03
Spiked Amount			Recovery	=	108.56%	
50) Toluene-d8	10.41	98	769530	43.07	ug/l	0.01
Spiked Amount			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	13.55	95	255419	35.60	ug/l	0.00
Spiked Amount			Recovery	=	71.20%	

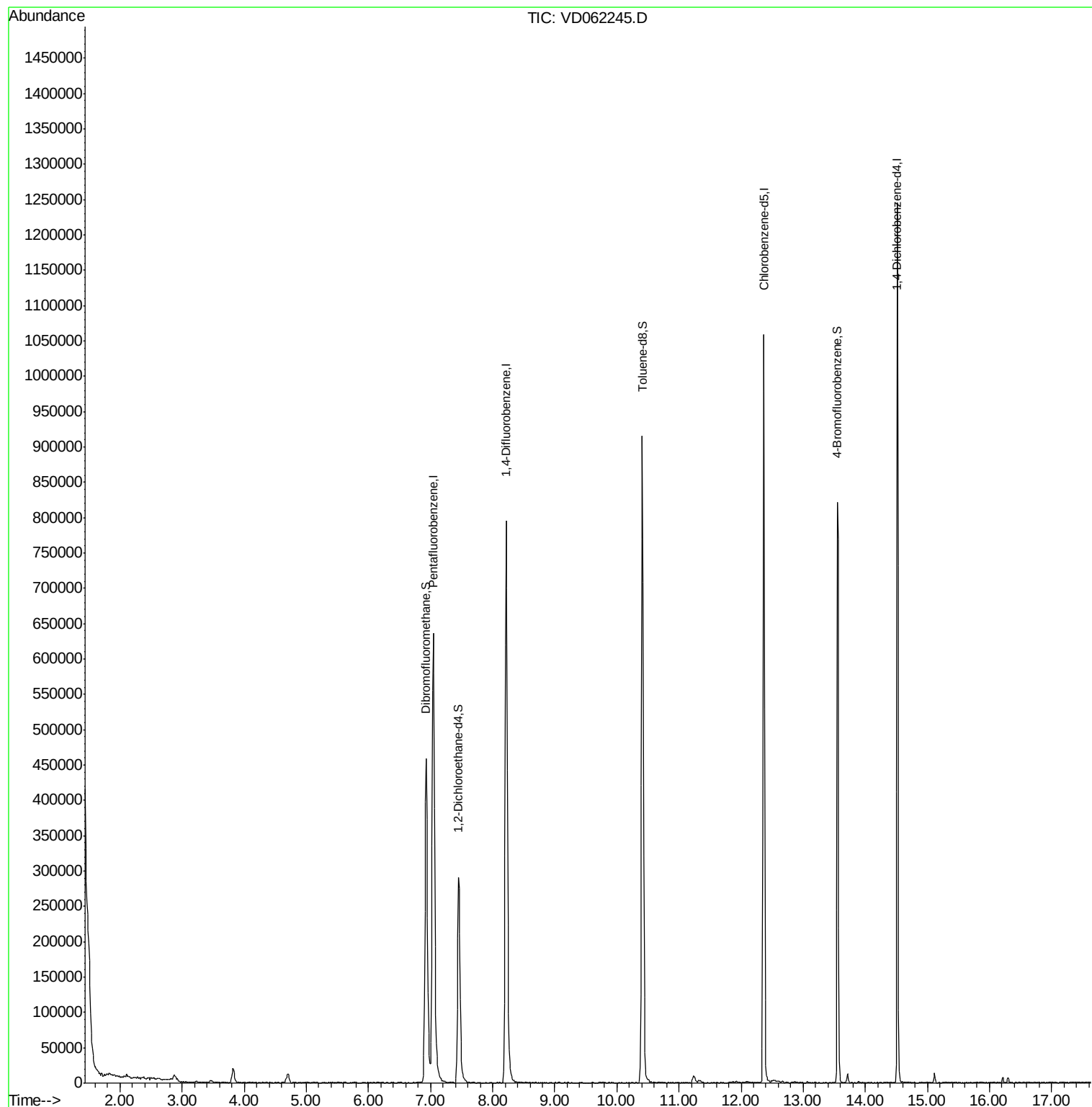
Target Compounds	Qvalue
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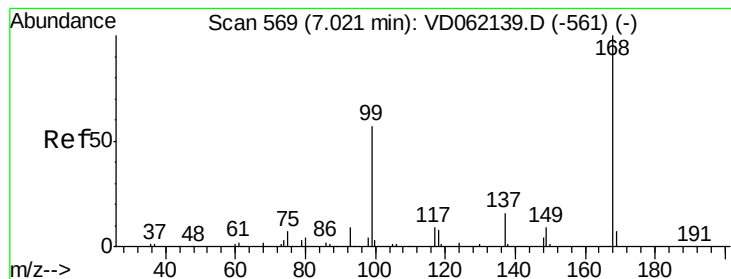
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062245.D

Acq: 11 May 2019 18:49

Instrument :

MSVOA_D

ClientSampleId :

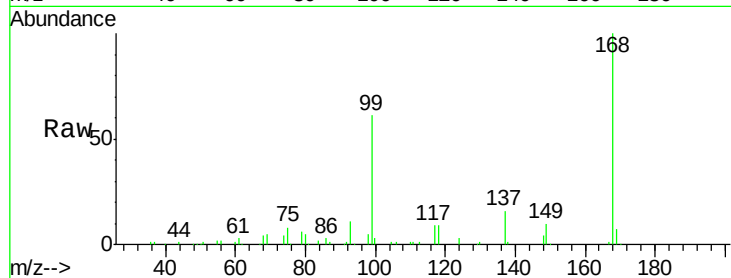
P026-SS009-1824-01

Tot Ion:168 Resp: 635003

Ion Ratio Lower Upper

168 100

99 61.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

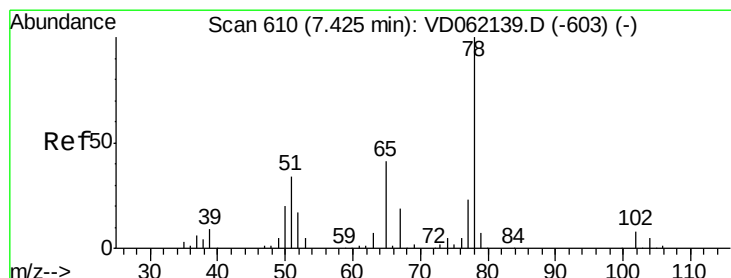
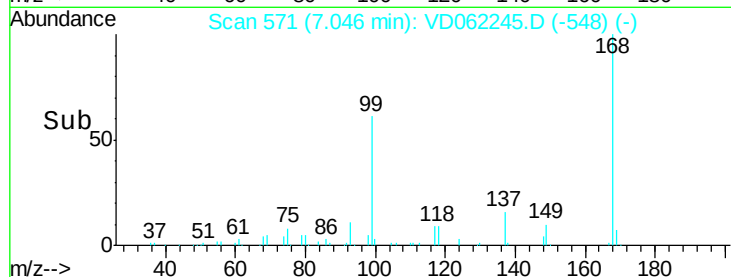
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.514 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062245.D

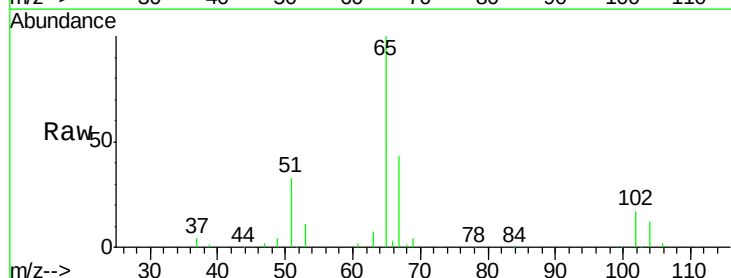
Acq: 11 May 2019 18:49

Tgt Ion: 65 Resp: 339398

Ion Ratio Lower Upper

65 100

67 43.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

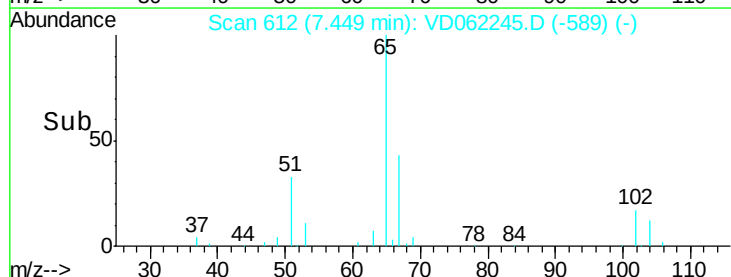
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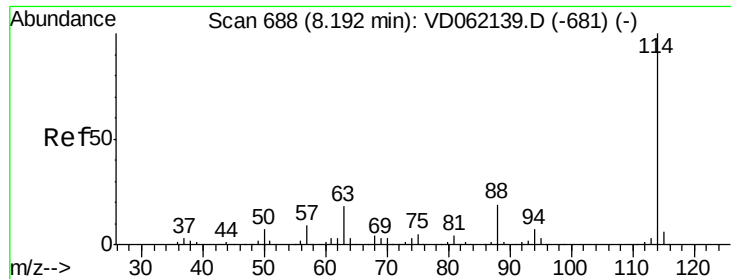
50000

0

7.30 7.40 7.50 7.60

Time-->

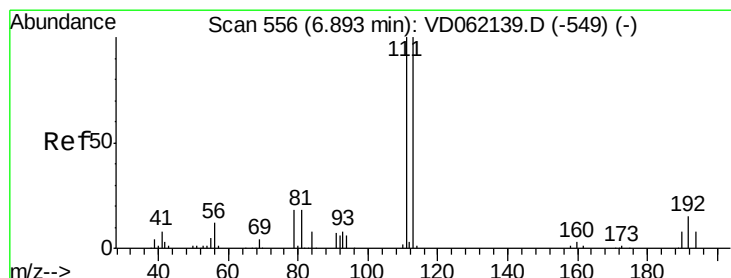
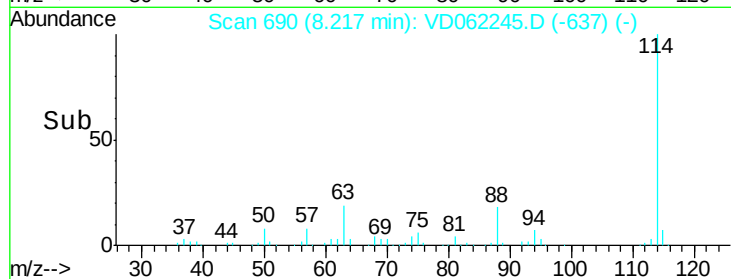
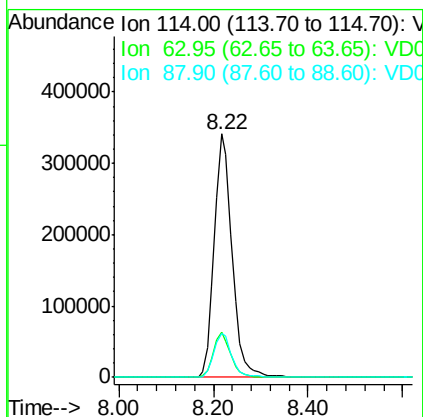
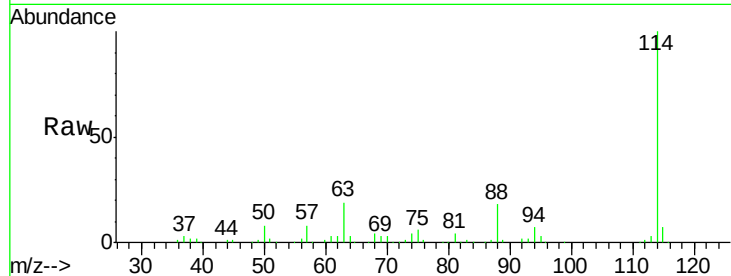




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062245.D
 Acq: 11 May 2019 18:49

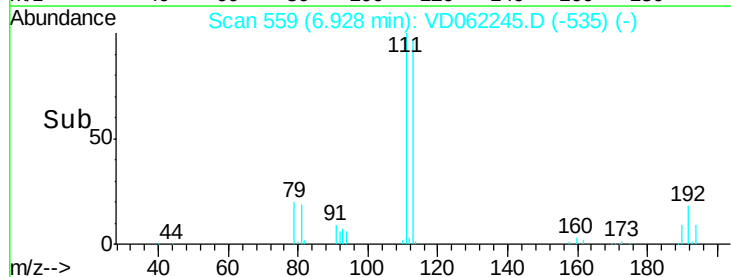
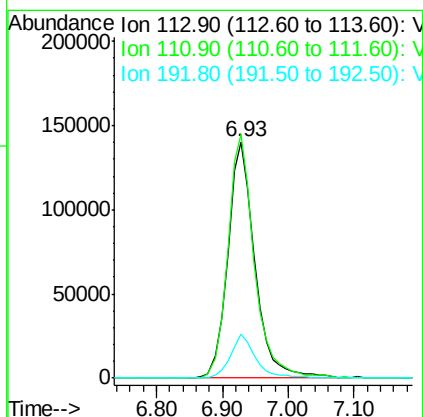
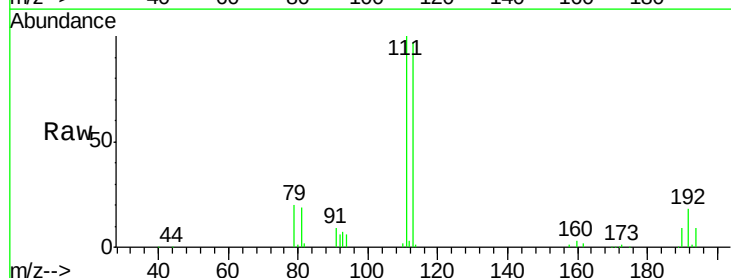
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS009-1824-01

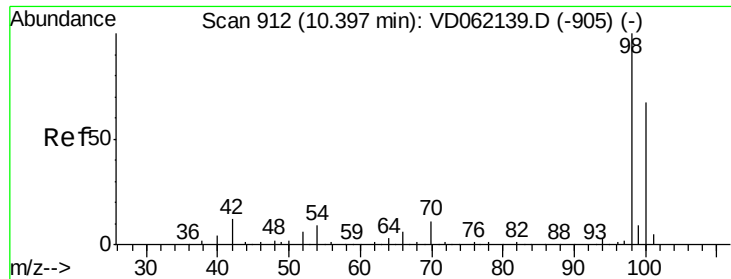
Tot Ion:114 Resp: 893101
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 32.4
 88 17.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 54.280 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062245.D
 Acq: 11 May 2019 18:49

Tgt Ion:113 Resp: 402227
 Ion Ratio Lower Upper
 113 100
 111 103.0 78.5 117.7
 192 18.6 13.0 19.4

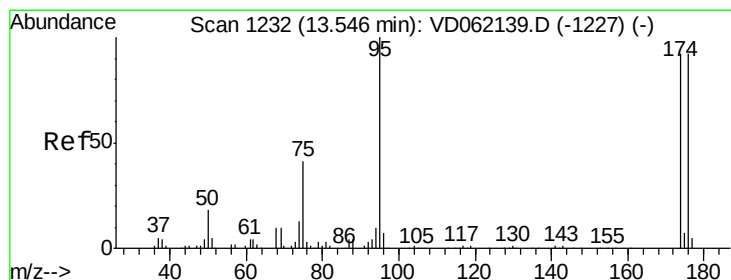
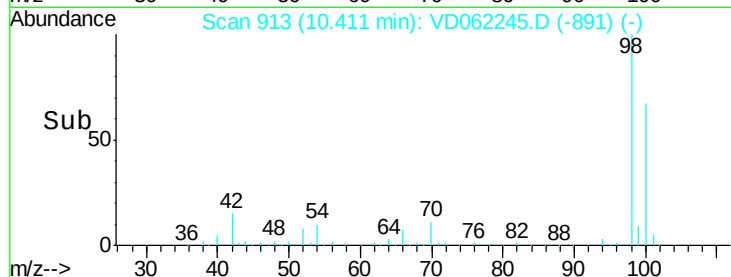
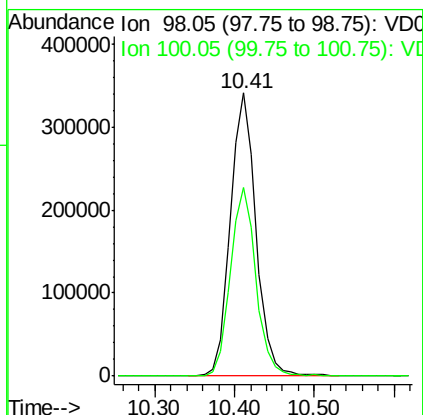
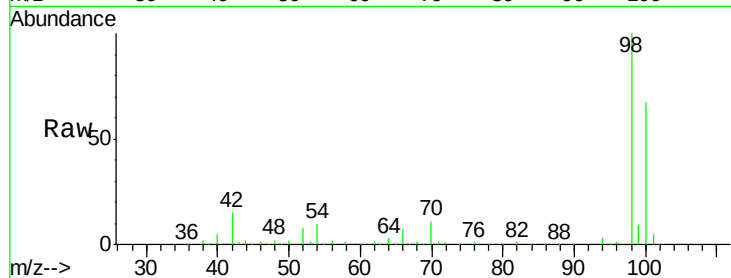




#50
Toluene-d8
Concen: 43.071 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062245.D
Acq: 11 May 2019 18:49

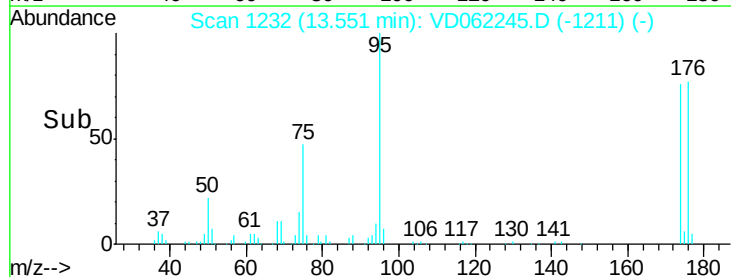
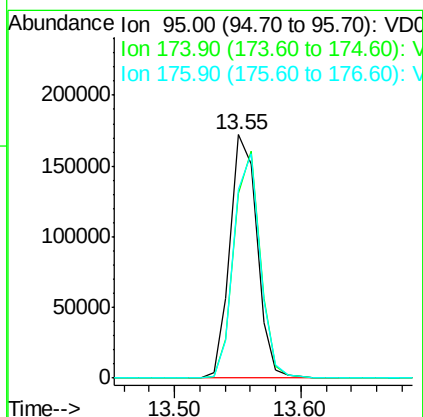
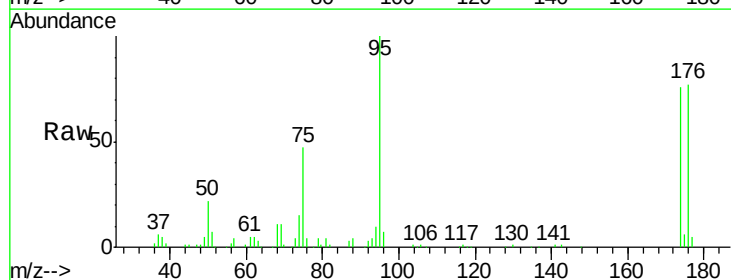
Instrument :
MSVOA_D
ClientSampleId :
P026-SS009-1824-01

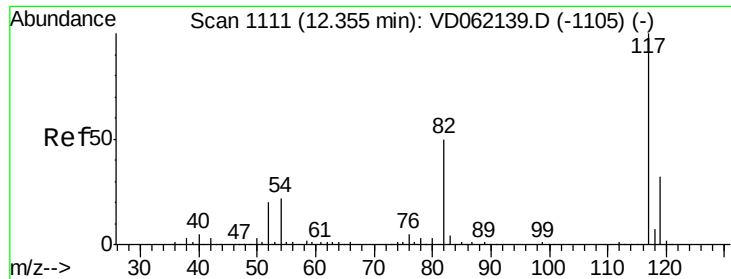
Tot Ion: 98 Resp: 769530
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 35.601 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062245.D
Acq: 11 May 2019 18:49

Tgt Ion: 95 Resp: 255419
Ion Ratio Lower Upper
95 100
174 75.7 0.0 181.8
176 77.3 0.0 174.4

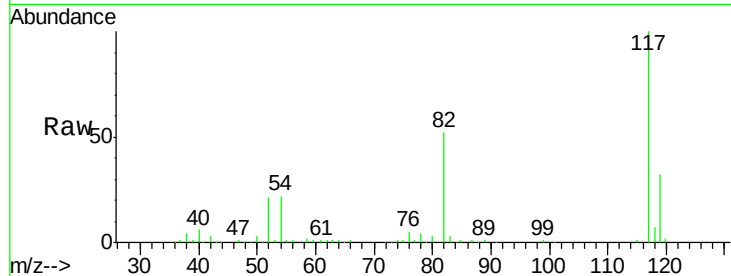




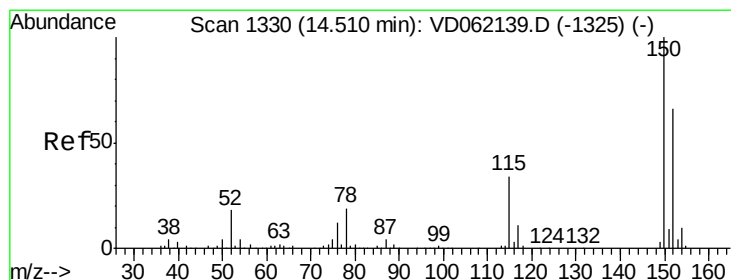
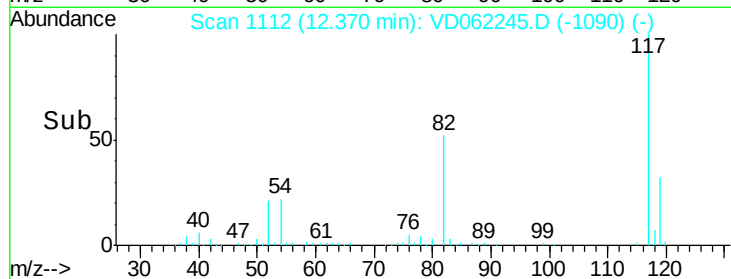
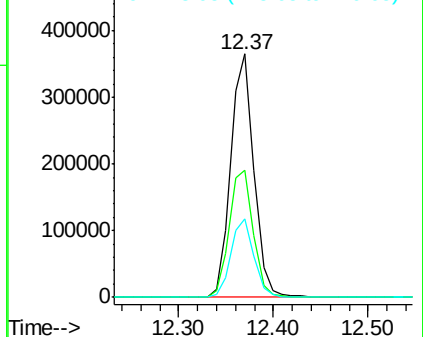
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062245.D
Acq: 11 May 2019 18:49

Instrument :
MSVOA_D
ClientSampleId :
P026-SS009-1824-01

Tot Ion:117 Resp: 615794
Ion Ratio Lower Upper
117 100
82 52.1 36.2 54.2
119 32.2 26.2 39.4

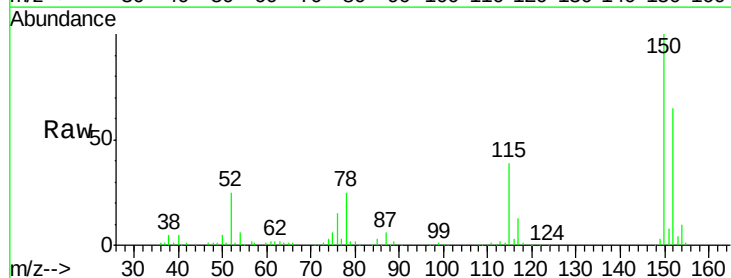


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062245.D
Acq: 11 May 2019 18:49

Tgt Ion:152 Resp: 257144
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.7
150 154.0 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

