

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062402.D
 Acq On : 15 May 2019 21:45
 Operator : FY/SY
 Sample : K2865-09
 Misc : 4.14g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-D1

Quant Time: May 16 04:52:36 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

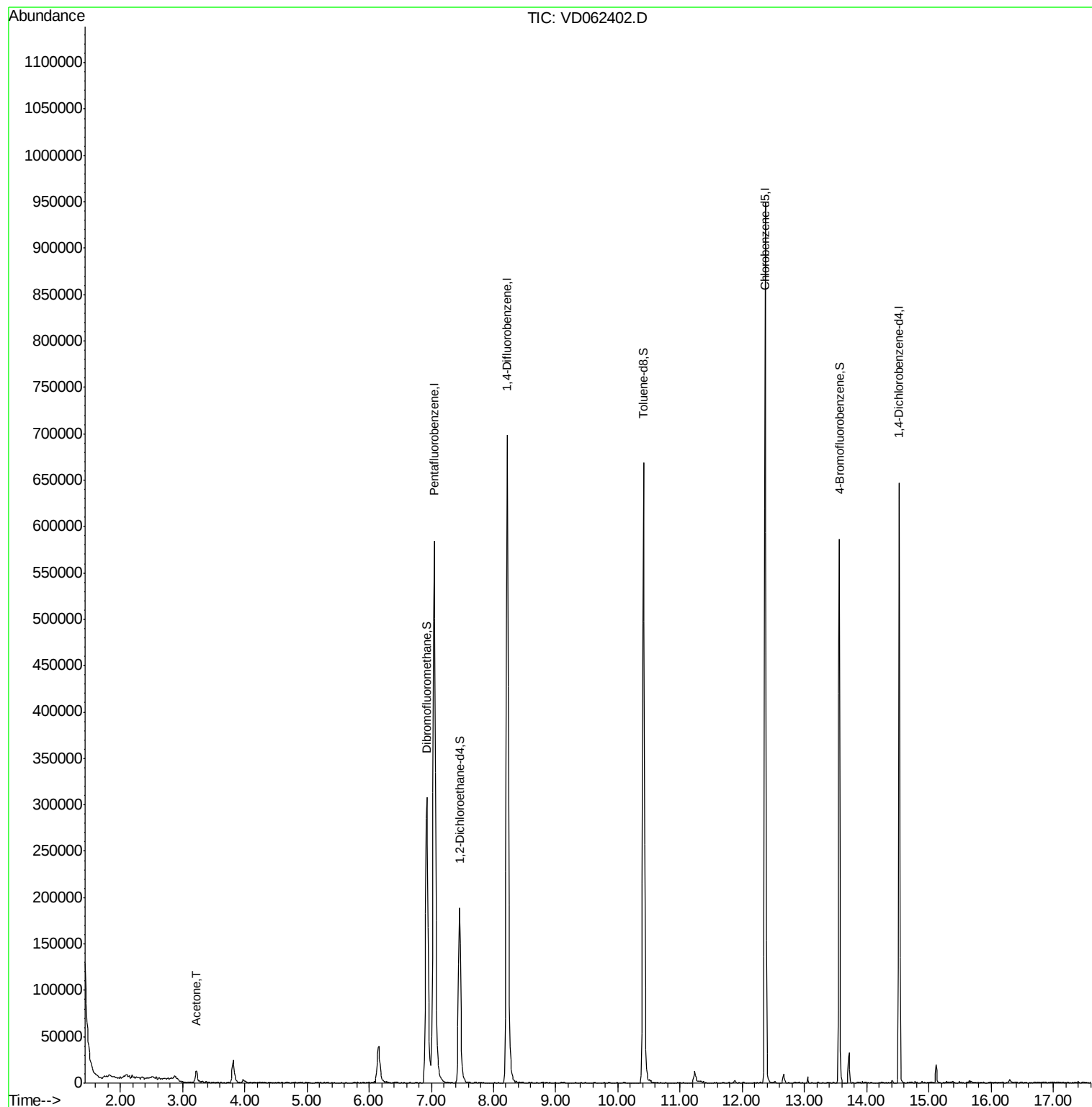
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	540424	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	744974	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	479725	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	151759	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	229659	45.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	6.93	113	276065	44.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.32%	
50) Toluene-d8	10.41	98	519243	34.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.68%	
62) 4-Bromofluorobenzene	13.56	95	164929	27.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	55.12%	
Target Compounds						
16) Acetone	3.23	43	25821	24.516	ug/l #	Qvalue 76

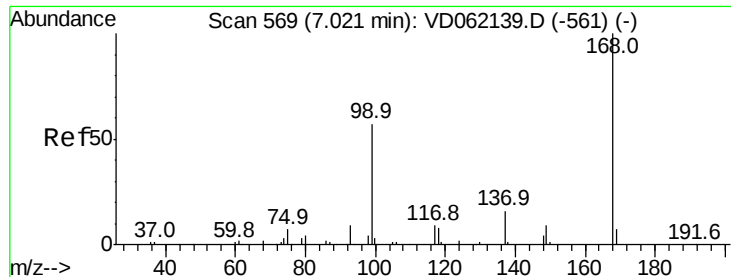
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062402.D

Acq: 15 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

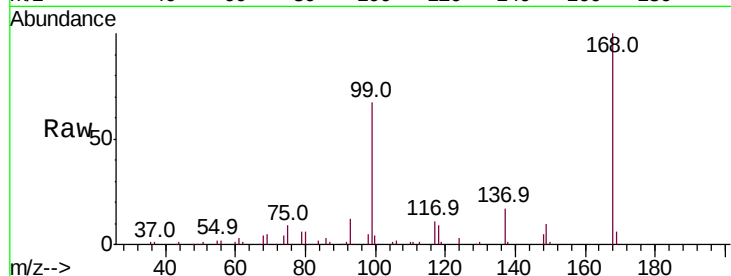
TP-22-D1

Tot Ion:168 Resp: 540424

Ion Ratio Lower Upper

168 100

99 66.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

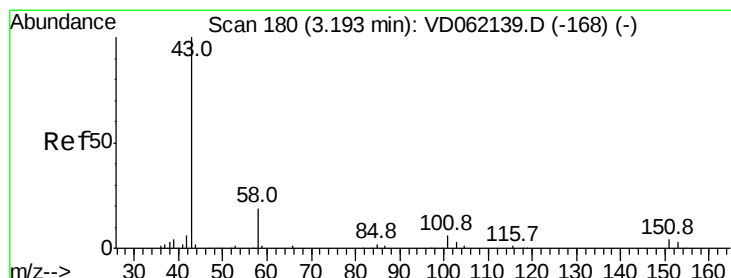
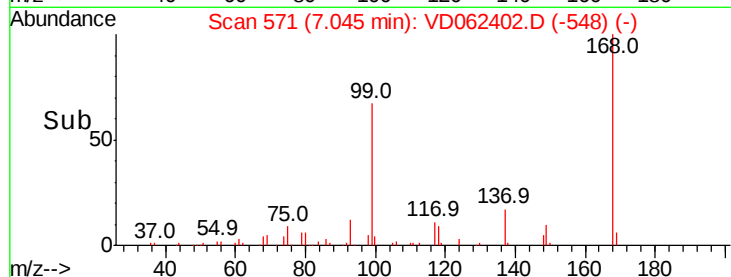
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.516 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062402.D

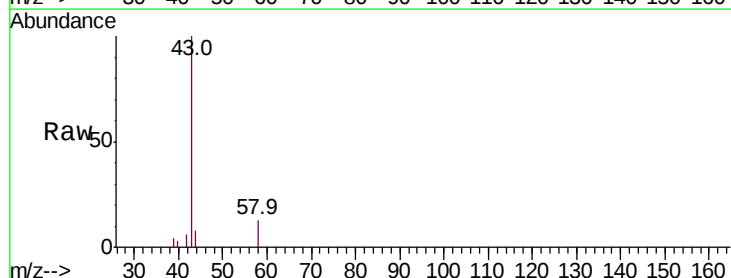
Acq: 15 May 2019 21:45

Tgt Ion: 43 Resp: 25821

Ion Ratio Lower Upper

43 100

58 12.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

10000

8000

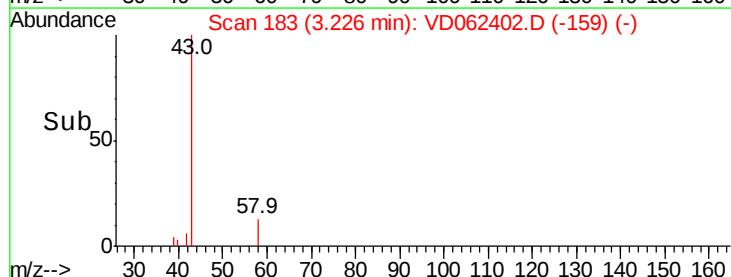
6000

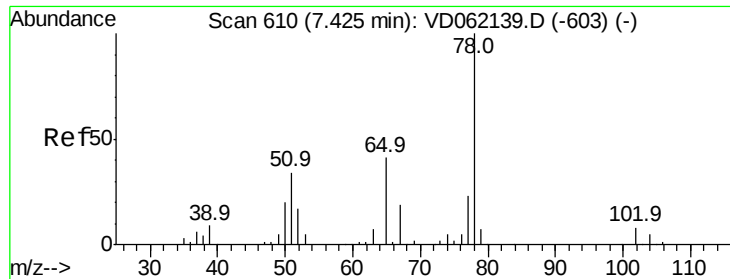
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.729 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062402.D

Acq: 15 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

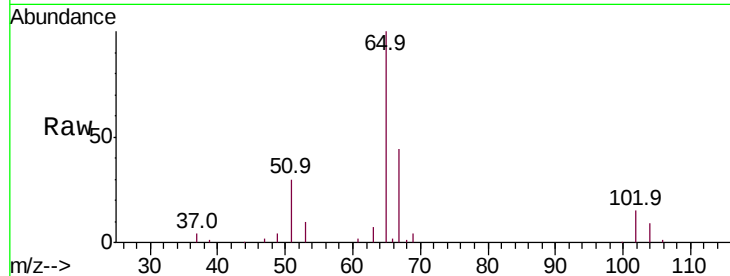
TP-22-D1

Tot Ion: 65 Resp: 229659

Ion Ratio Lower Upper

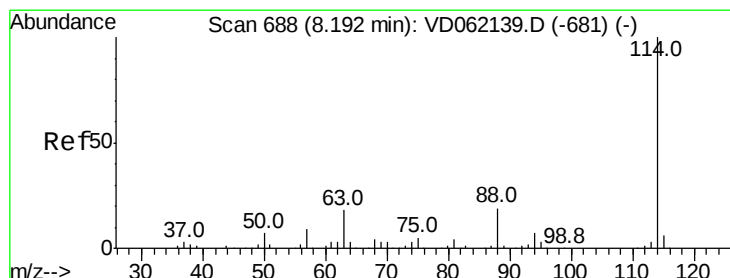
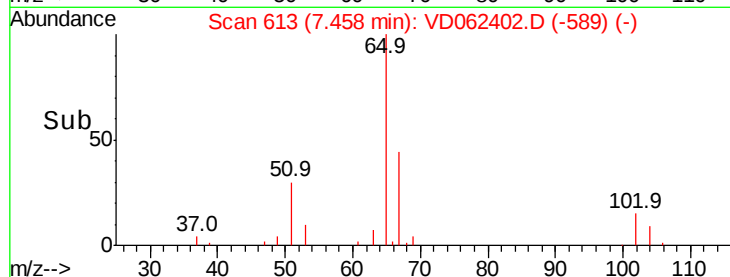
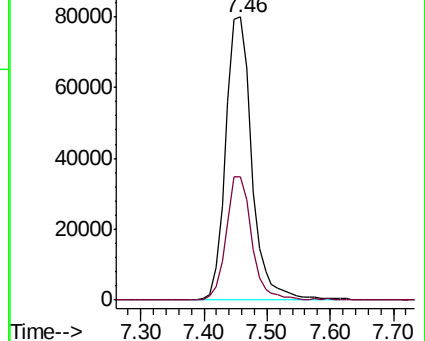
65 100

67 43.8 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: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062402.D

Acq: 15 May 2019 21:45

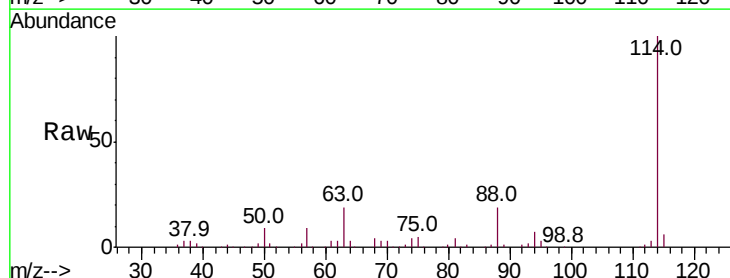
Tgt Ion: 114 Resp: 744974

Ion Ratio Lower Upper

114 100

63 19.4 0.0 32.4

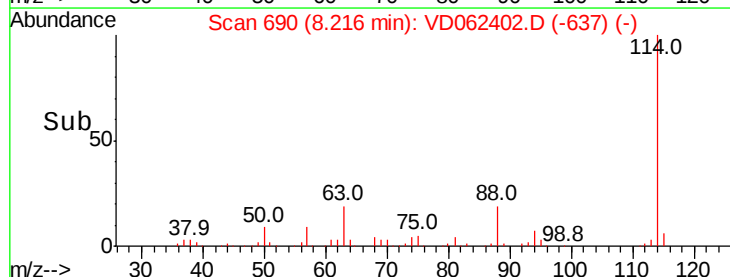
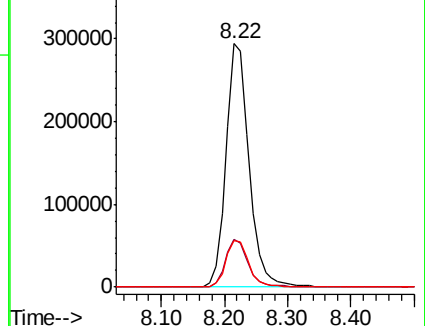
88 19.3 0.0 33.6

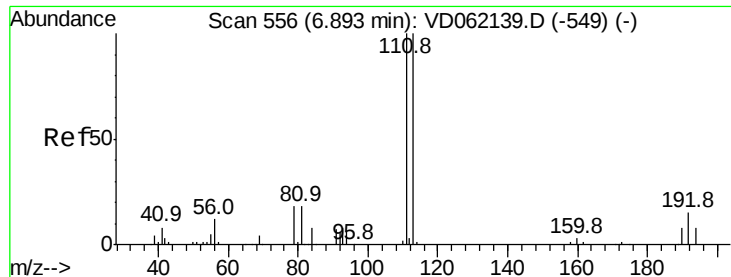


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 44.663 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062402.D

Acq: 15 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1

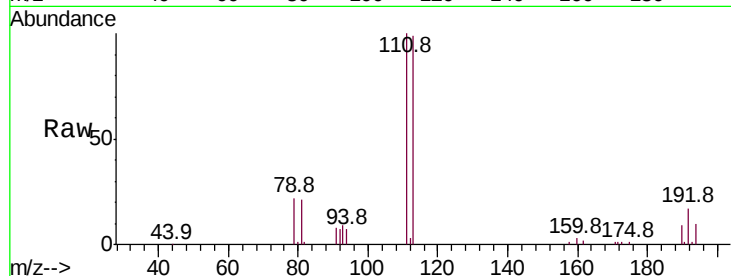
Tot Ion:113 Resp: 276065

Ion Ratio Lower Upper

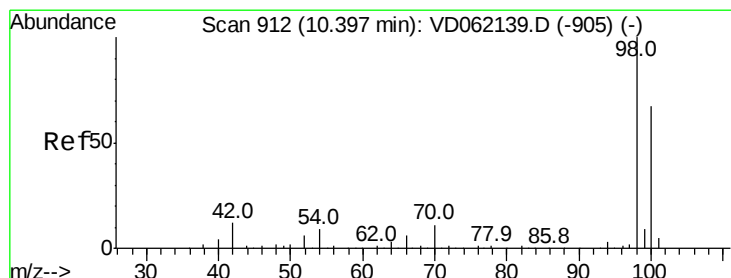
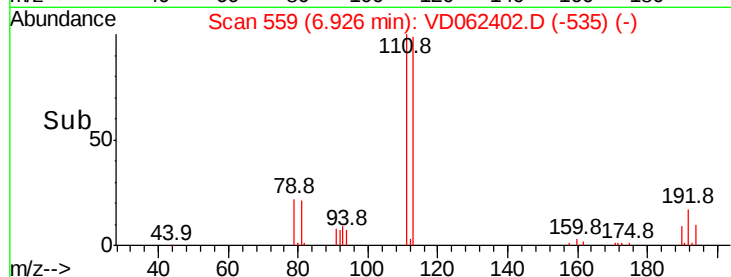
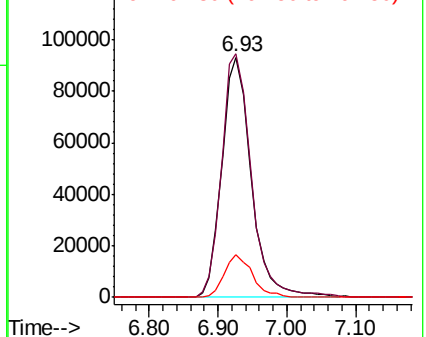
113 100

111 101.5 78.5 117.7

192 17.6 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: 34.841 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062402.D

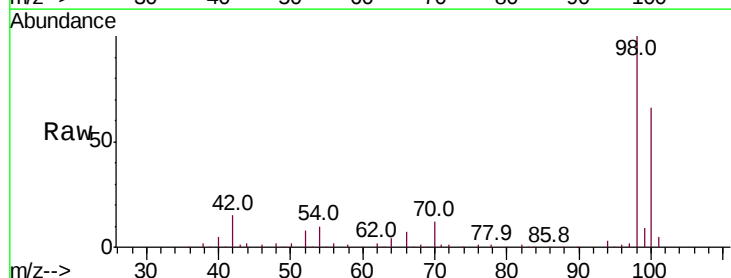
Acq: 15 May 2019 21:45

Tgt Ion: 98 Resp: 519243

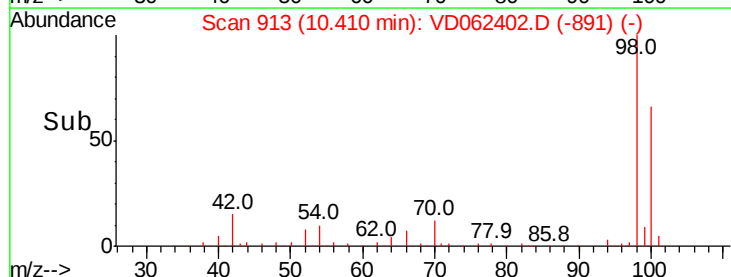
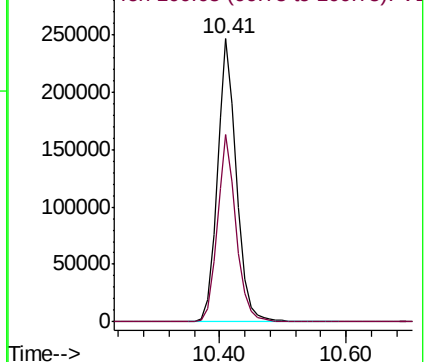
Ion Ratio Lower Upper

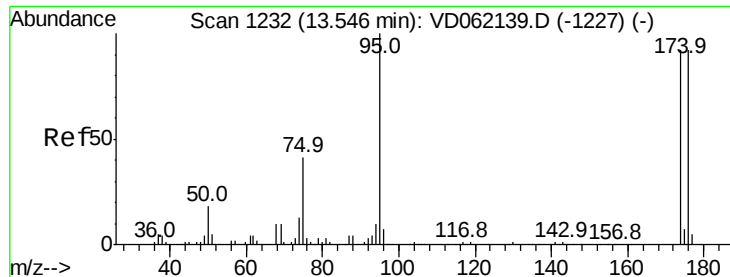
98 100

100 66.1 53.8 80.8



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

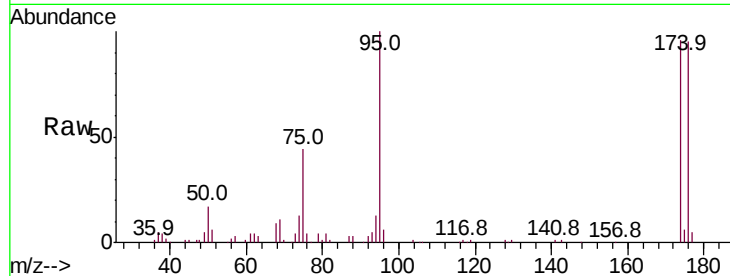




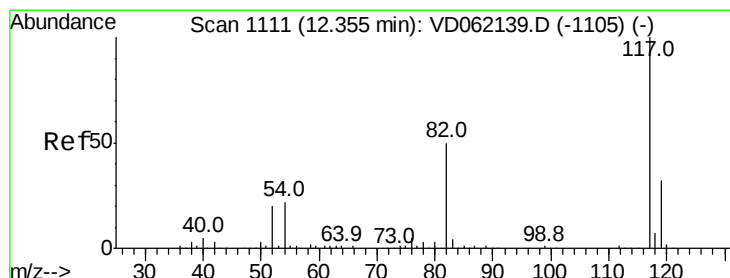
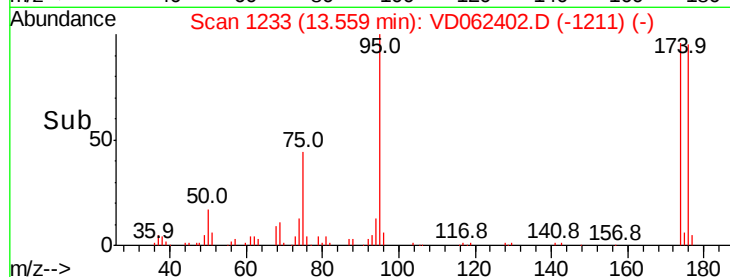
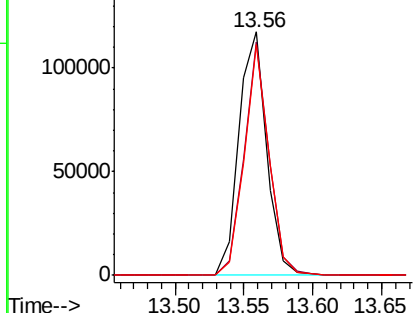
#62
4-Bromofluorobenzene
Concen: 27.559 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062402.D
Acq: 15 May 2019 21:45

Instrument :
MSVOA_D
ClientSampleId :
TP-22-D1

Tot Ion: 95 Resp: 164929
Ion Ratio Lower Upper
95 100
174 96.0 0.0 181.8
176 95.0 0.0 174.4

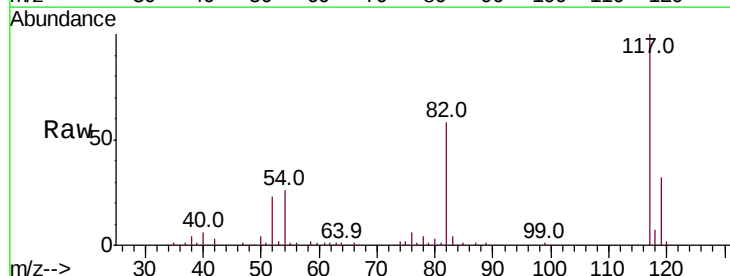


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

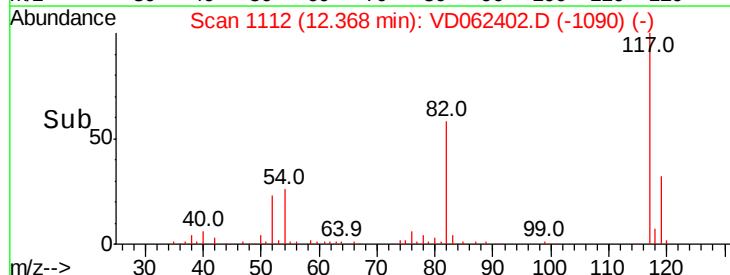
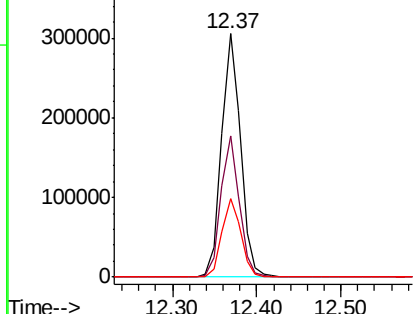


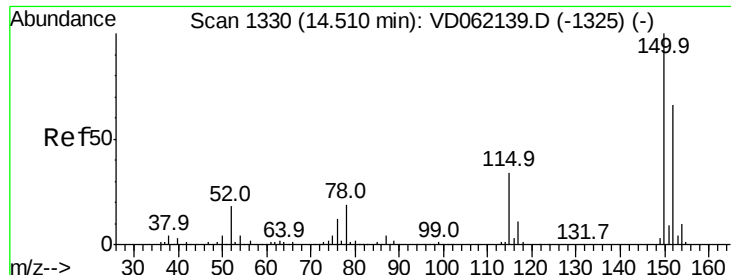
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062402.D
Acq: 15 May 2019 21:45

Tgt Ion: 117 Resp: 479725
Ion Ratio Lower Upper
117 100
82 58.0 36.2 54.2#
119 32.3 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# 1331

Delta R.T. 0.01 min

Lab File: VD062402.D

Acq: 15 May 2019 21:45

Instrument :

MSVOA_D

ClientSampleId :

TP-22-D1

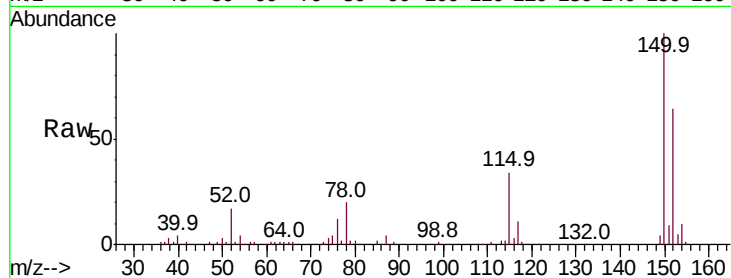
Tot Ion:152 Resp: 151759

Ion Ratio Lower Upper

152 100

115 52.4 30.9 92.7

150 156.2 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

