

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062401.D
 Acq On : 15 May 2019 21:17
 Operator : FY/SY
 Sample : K2865-05
 Misc : 2.49g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22-S1

Quant Time: May 16 04:50:34 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

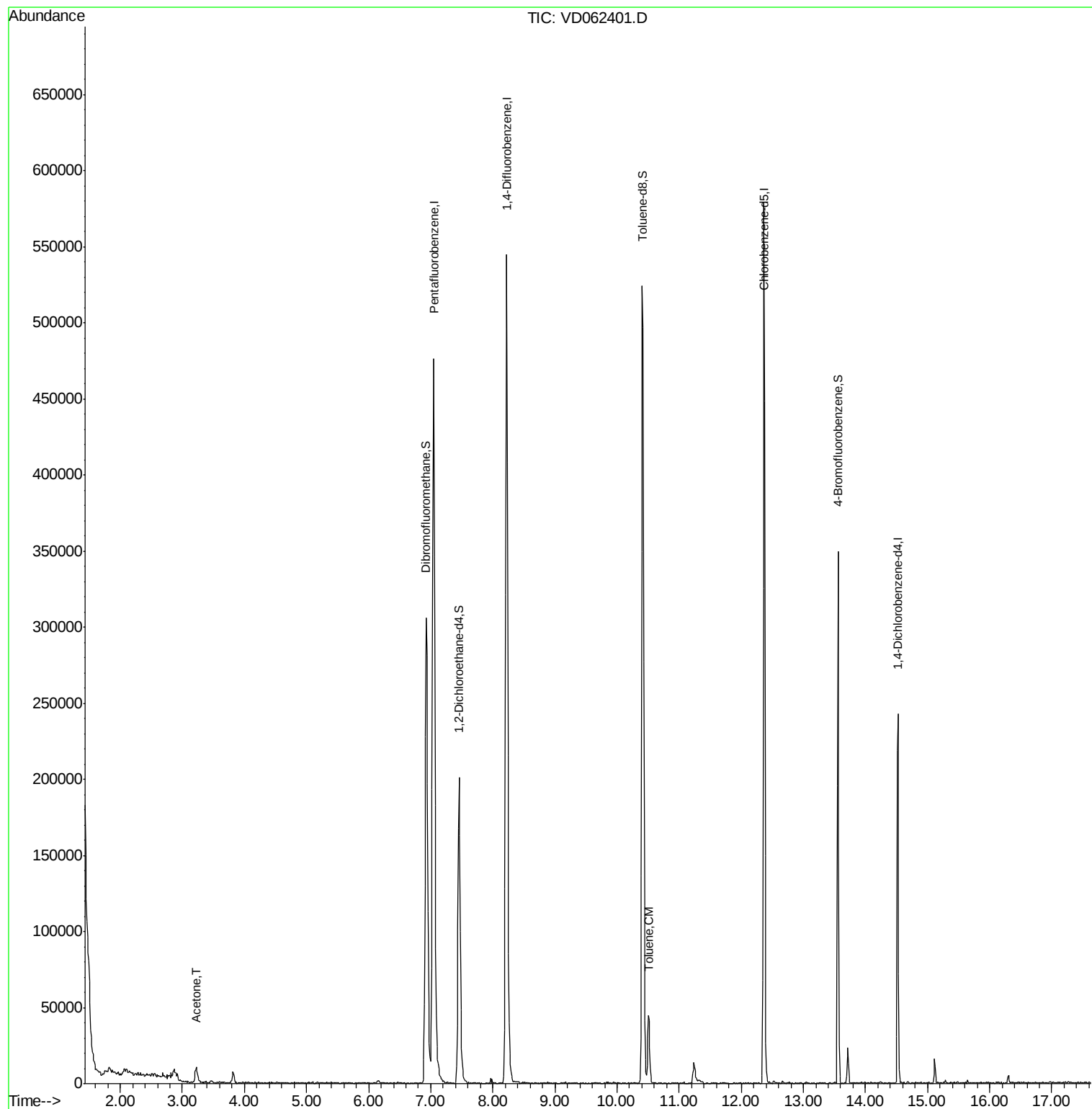
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	450464	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	583623	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	311857	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	58440	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220983	52.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	6.93	113	263917	54.50	ug/l	0.03
Spiked Amount 50.000			Recovery	=	109.00%	
50) Toluene-d8	10.41	98	436746	37.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.82%	
62) 4-Bromofluorobenzene	13.56	95	94517	20.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	40.32%	
Target Compounds						
16) Acetone	3.22	43	20890	23.796	ug/l #	87
52) Toluene	10.51	92	24626	3.503	ug/l	99

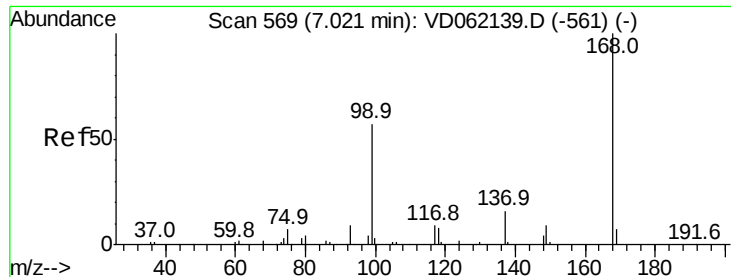
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
TP-22-S1

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

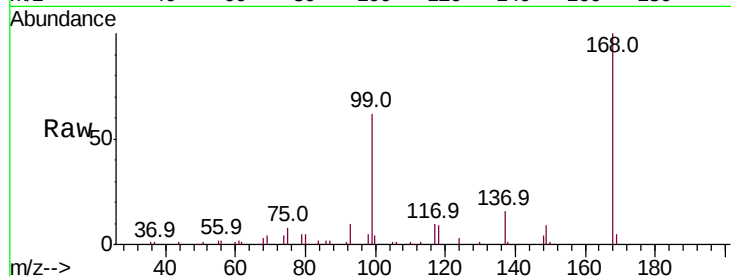
TP-22-S1

Tot Ion:168 Resp: 450464

Ion Ratio Lower Upper

168 100

99 61.9 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

150000

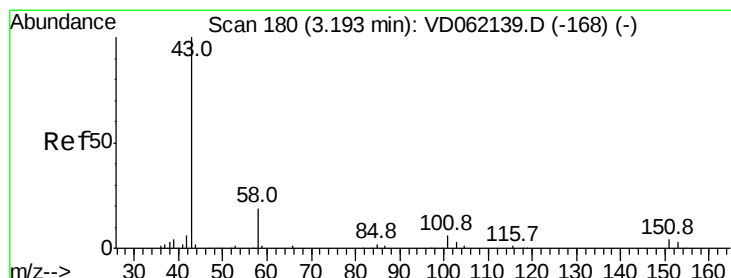
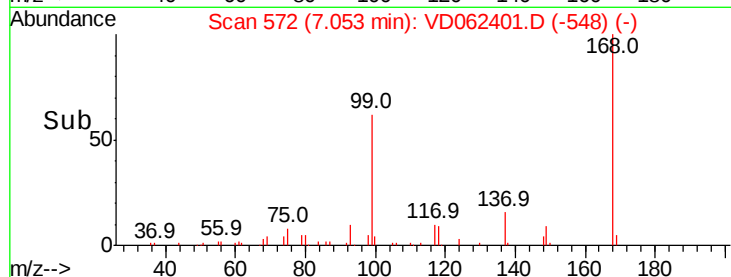
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 23.796 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062401.D

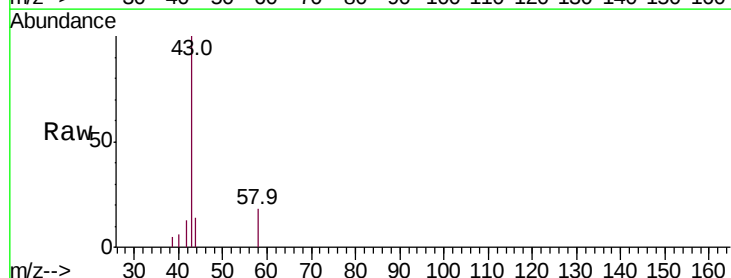
Acq: 15 May 2019 21:17

Tgt Ion: 43 Resp: 20890

Ion Ratio Lower Upper

43 100

58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

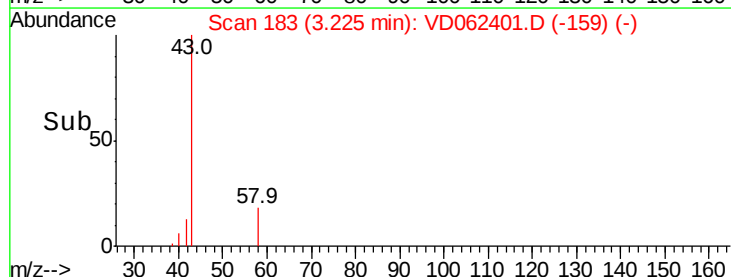
4000

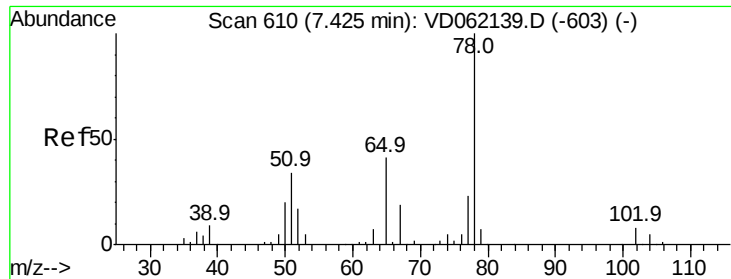
2000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 52.788 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

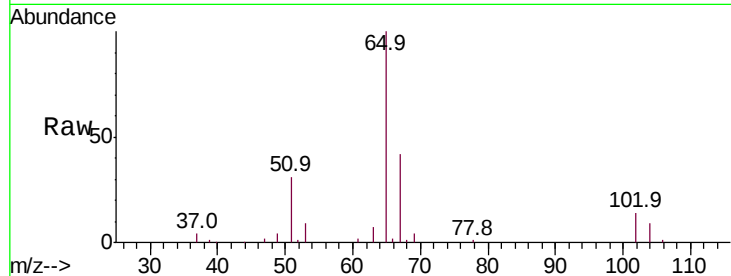
TP-22-S1

Tot Ion: 65 Resp: 220983

Ion Ratio Lower Upper

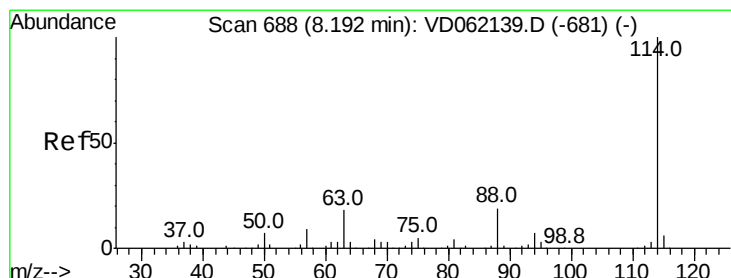
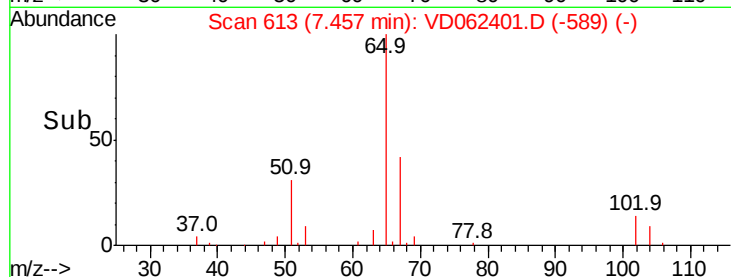
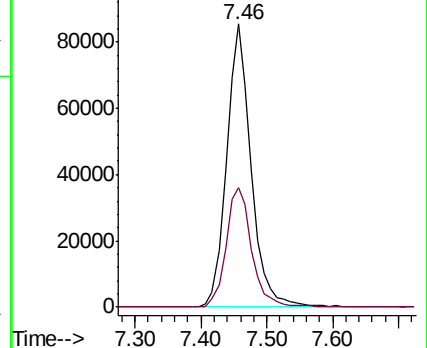
65 100

67 42.1 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# 691

Delta R.T. 0.03 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

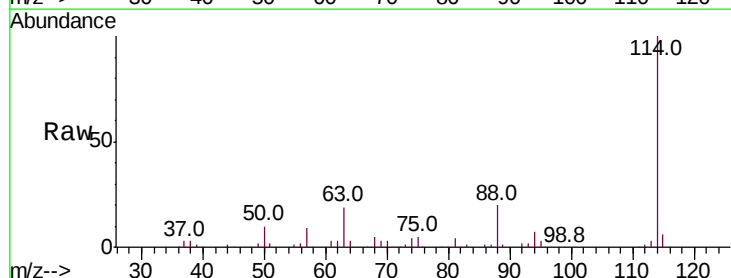
Tgt Ion: 114 Resp: 583623

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

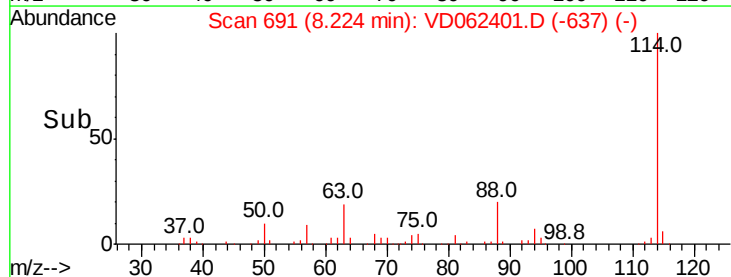
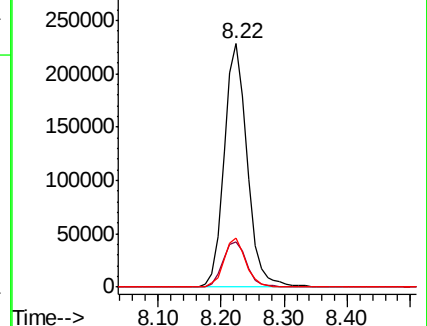
88 20.0 0.0 33.6

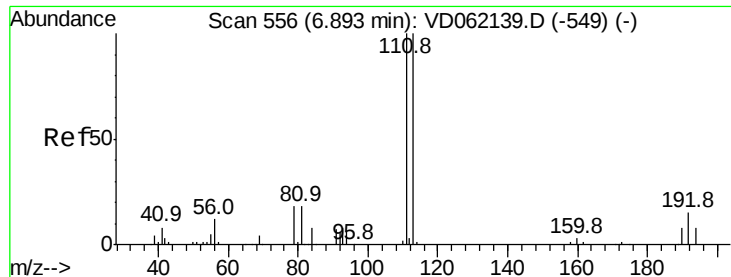


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.501 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

TP-22-S1

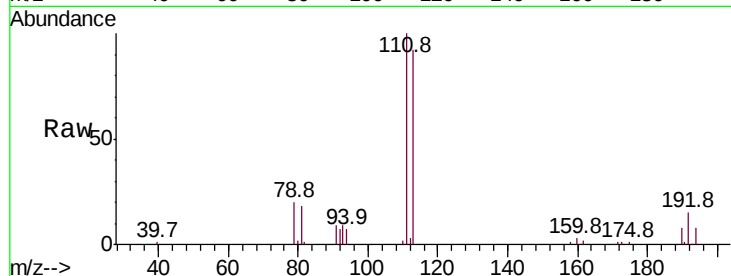
Tot Ion:113 Resp: 263917

Ion Ratio Lower Upper

113 100

111 108.4 78.5 117.7

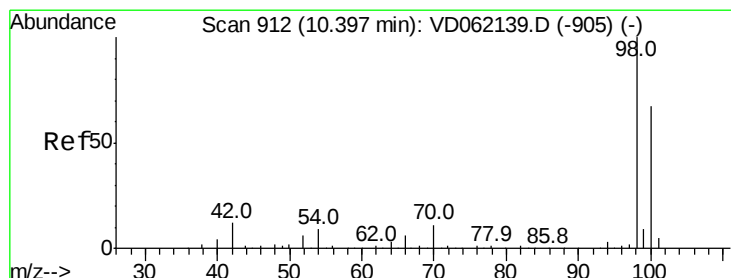
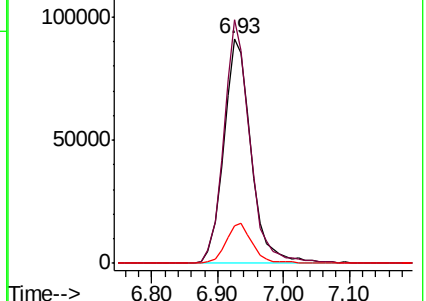
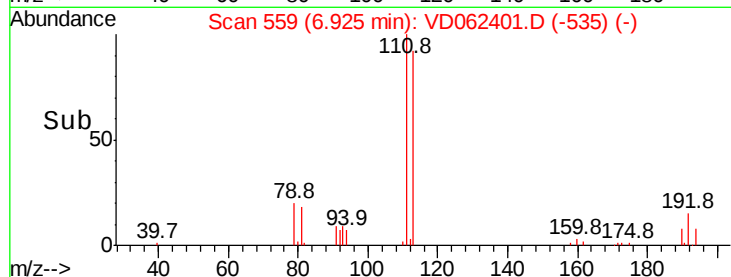
192 16.6 13.0 19.4



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: 37.408 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062401.D

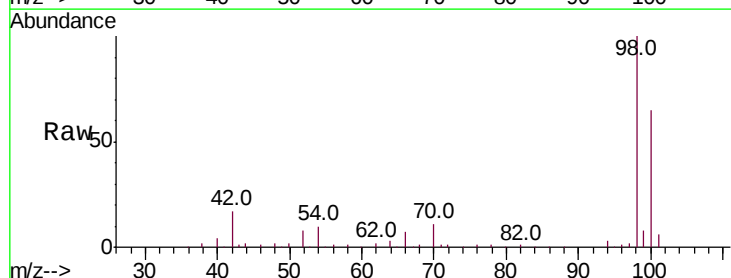
Acq: 15 May 2019 21:17

Tgt Ion: 98 Resp: 436746

Ion Ratio Lower Upper

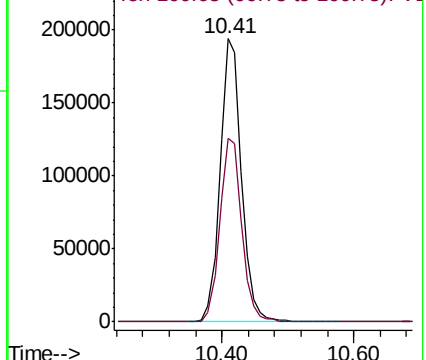
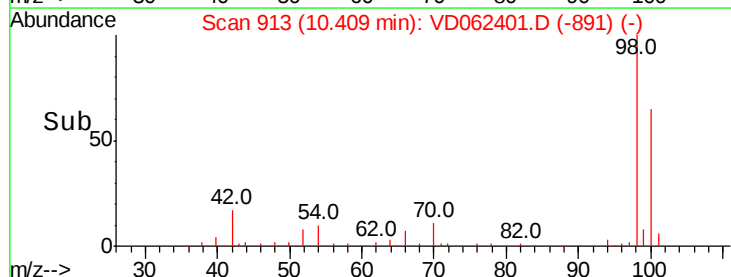
98 100

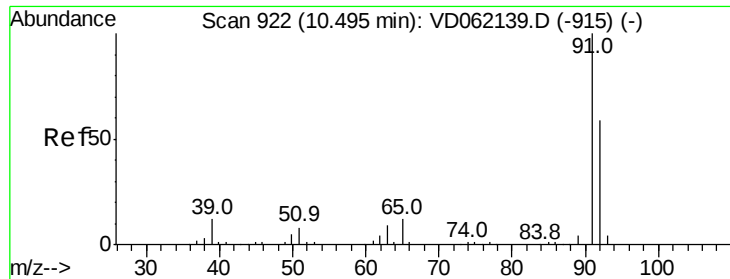
100 64.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.503 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

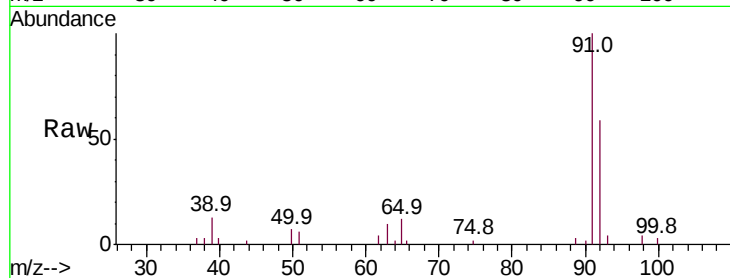
TP-22-S1

Tot Ion: 92 Resp: 24626

Ion Ratio Lower Upper

92 100

91 169.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

20000

15000

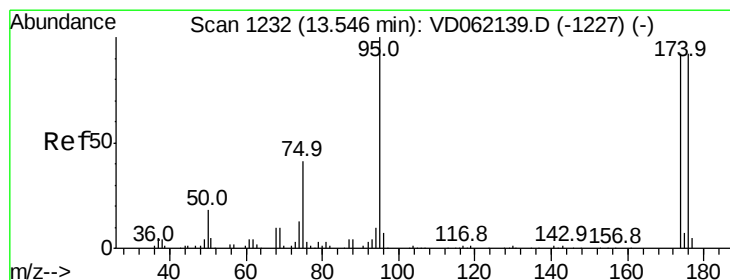
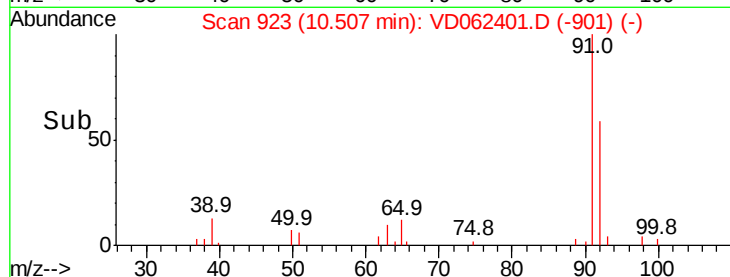
10000

5000

0

10.45 10.50 10.55 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 20.160 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062401.D

Acq: 15 May 2019 21:17

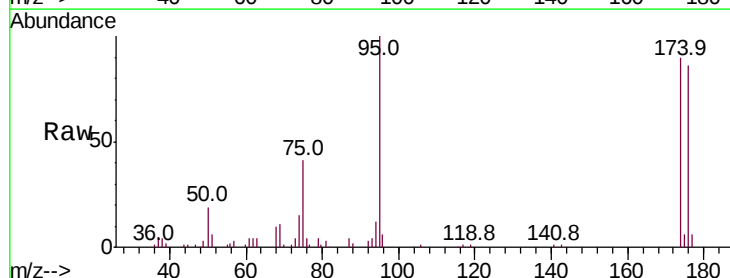
Tgt Ion: 95 Resp: 94517

Ion Ratio Lower Upper

95 100

174 90.3 0.0 181.8

176 86.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

100000

80000

60000

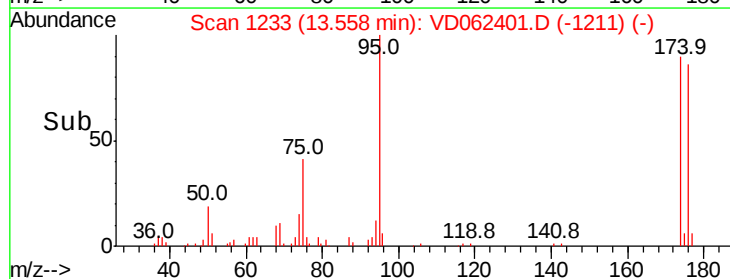
40000

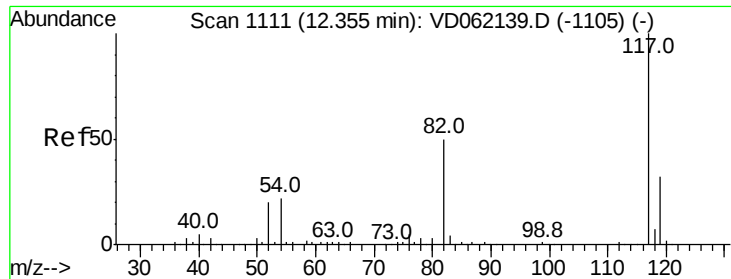
20000

0

13.50 13.55 13.60

Time-->

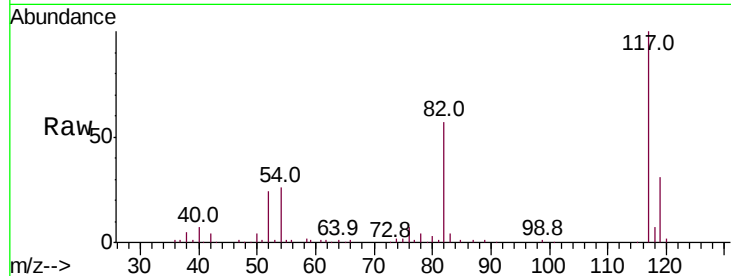




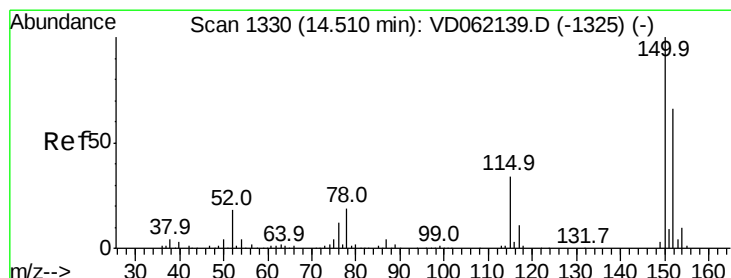
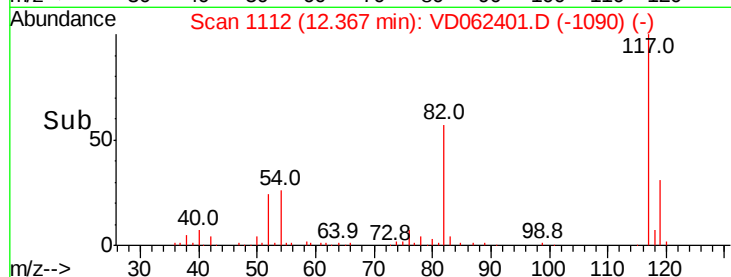
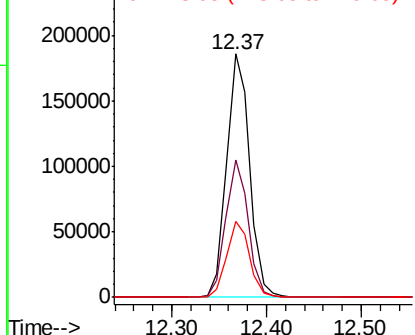
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062401.D
Acq: 15 May 2019 21:17

Instrument :
MSVOA_D
ClientSampleId :
TP-22-S1

Tot Ion:117 Resp: 311857
Ion Ratio Lower Upper
117 100
82 56.5 36.2 54.2#
119 31.4 26.2 39.4

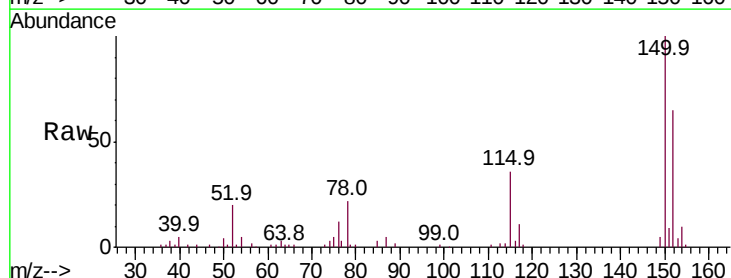


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062401.D
Acq: 15 May 2019 21:17

Tgt Ion:152 Resp: 58440
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 152.9 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

