

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062400.D
 Acq On : 15 May 2019 20:49
 Operator : FY/SY
 Sample : K2865-02
 Misc : 3.02g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21-S2

Quant Time: May 16 04:45:54 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

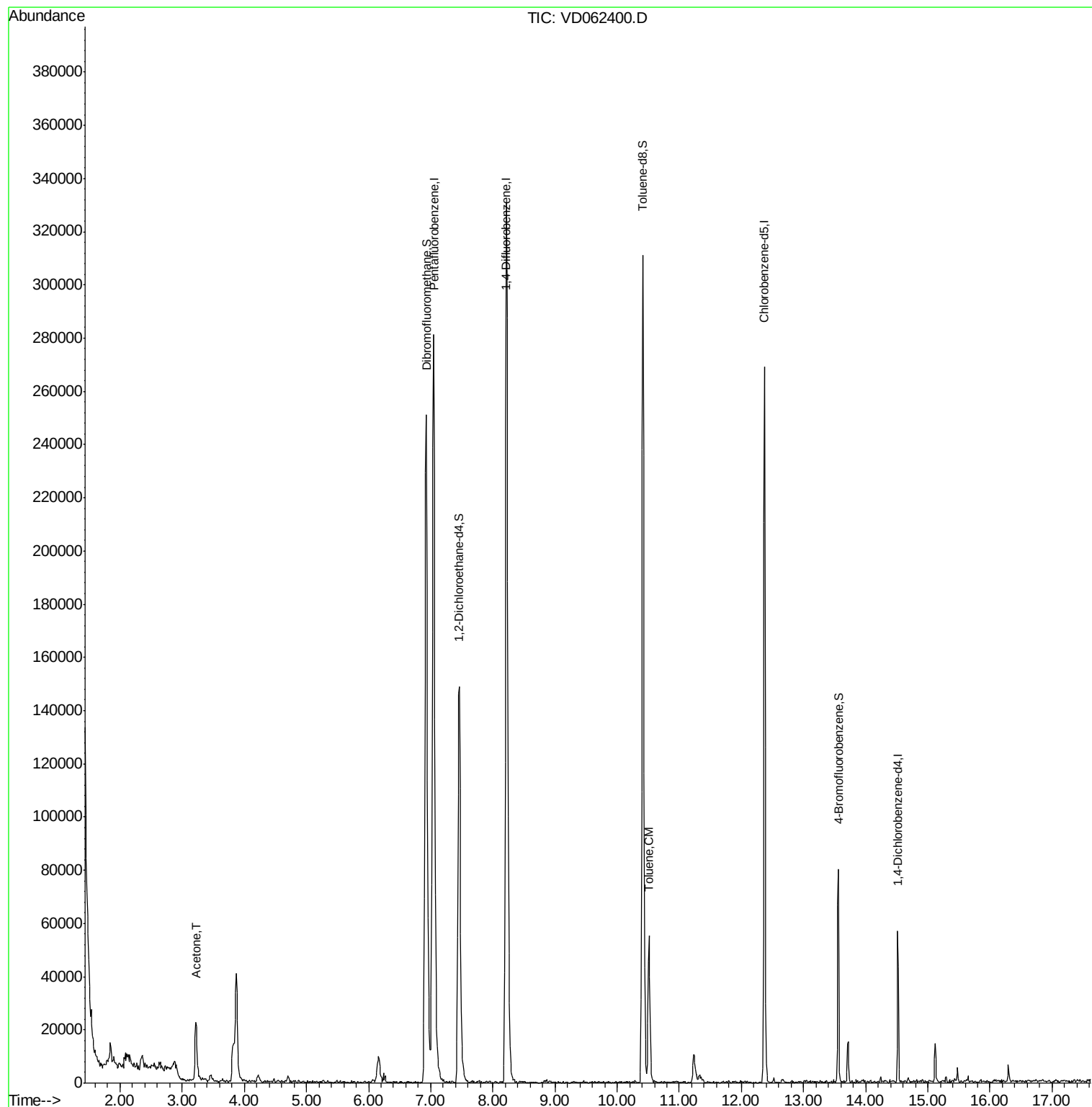
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	260273	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	358672	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	136359	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	12411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	171803	71.03	ug/l	0.04
Spiked Amount 50.000			Recovery	=	142.06%	
35) Dibromofluoromethane	6.93	113	216806	72.85	ug/l	0.04
Spiked Amount 50.000			Recovery	=	145.70%	
50) Toluene-d8	10.41	98	248257	34.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	69.20%	
62) 4-Bromofluorobenzene	13.56	95	22984	7.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	15.96%	
Target Compounds						
16) Acetone	3.22	43	42770	84.319	ug/l #	79
52) Toluene	10.51	92	29140	6.744	ug/l	100

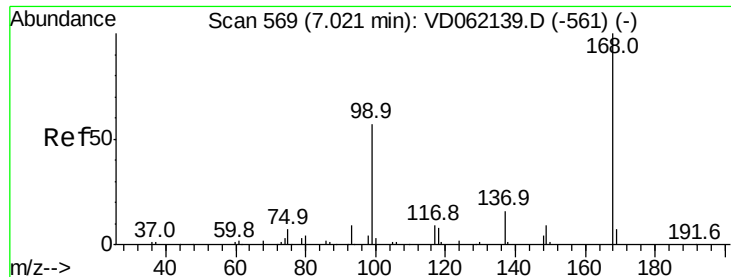
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD062400.D

Acq: 15 May 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

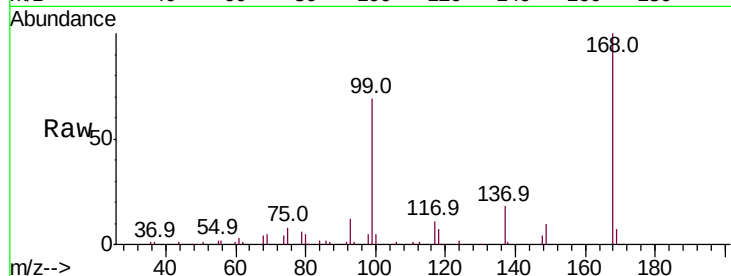
TP-21-S2

Tot Ion:168 Resp: 260273

Ion Ratio Lower Upper

168 100

99 69.2 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

100000

80000

60000

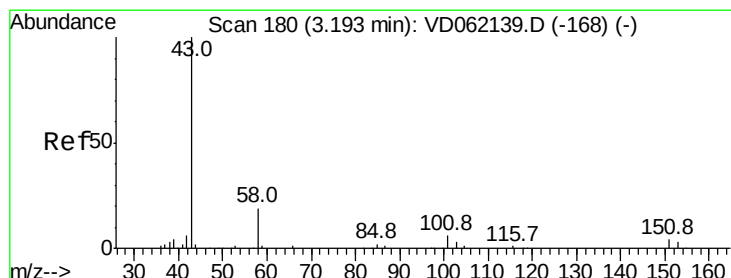
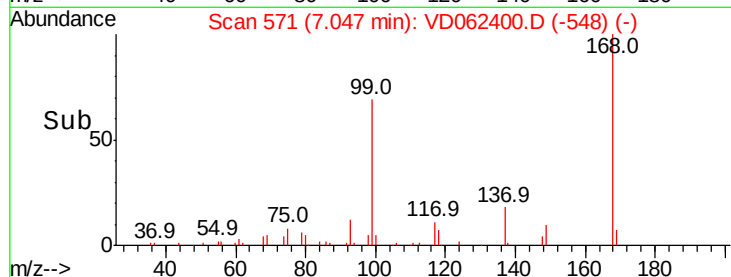
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 84.319 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062400.D

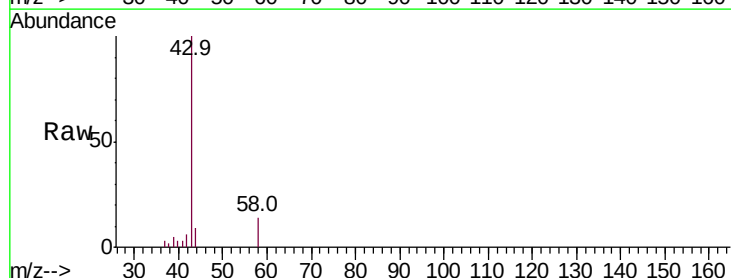
Acq: 15 May 2019 20:49

Tgt Ion: 43 Resp: 42770

Ion Ratio Lower Upper

43 100

58 14.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

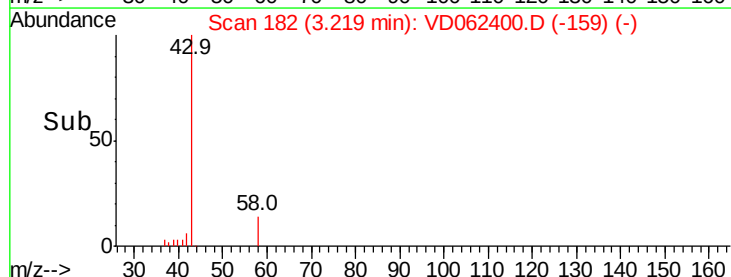
10000

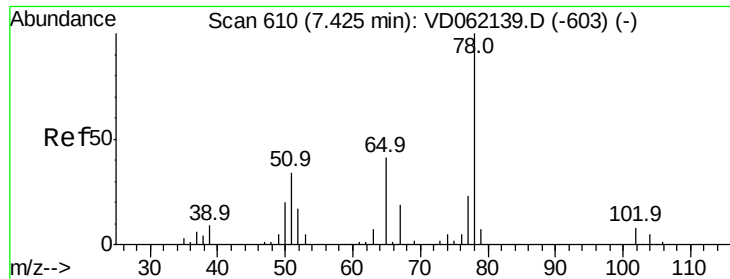
5000

0

Time-->

3.10 3.20 3.30 3.40

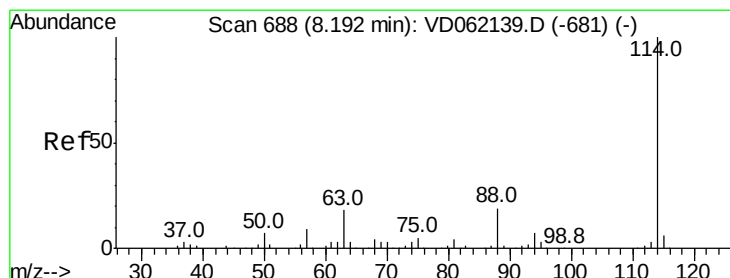
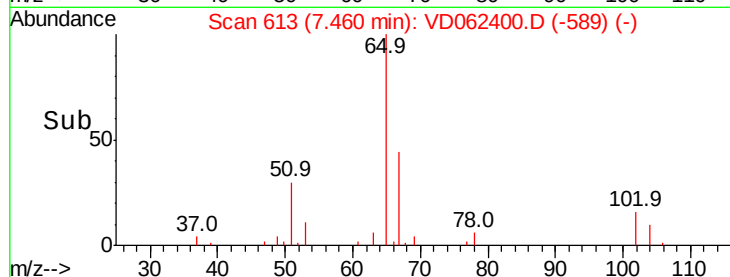
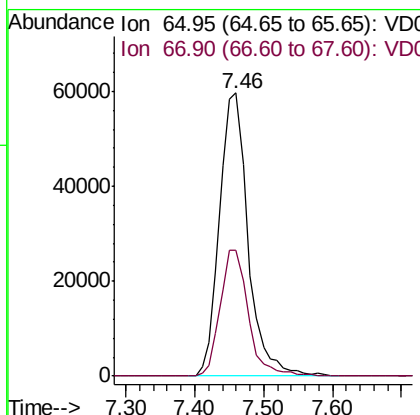
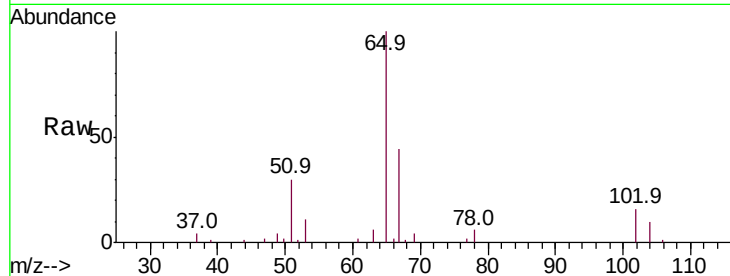




#33
 1,2-Dichloroethane-d4
 Concen: 71.030 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.04 min
 Lab File: VD062400.D
 Acq: 15 May 2019 20:49

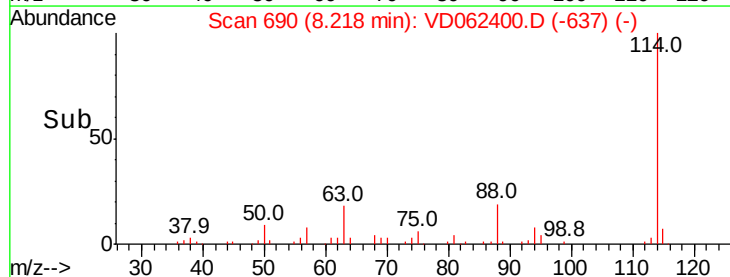
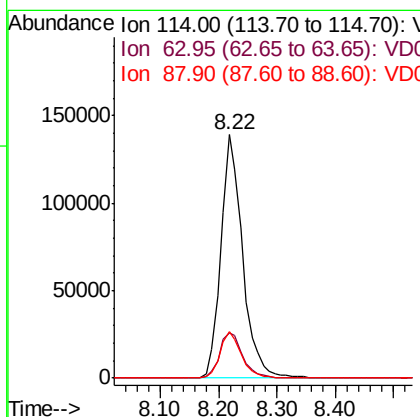
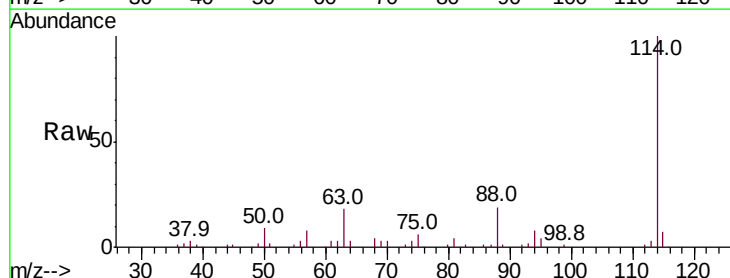
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21-S2

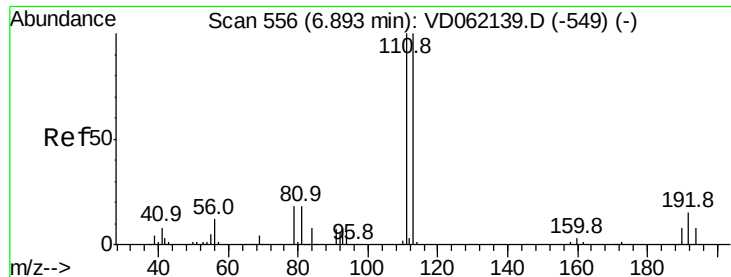
Tot Ion: 65 Resp: 171803
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062400.D
 Acq: 15 May 2019 20:49

Tgt Ion: 114 Resp: 358672
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 32.4
 88 19.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 72.853 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062400.D

Acq: 15 May 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

TP-21-S2

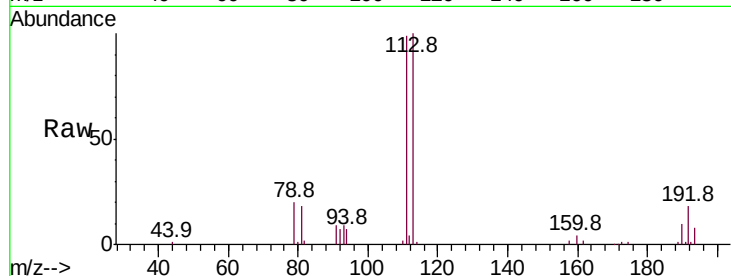
Tot Ion:113 Resp: 216806

Ion Ratio Lower Upper

113 100

111 99.2 78.5 117.7

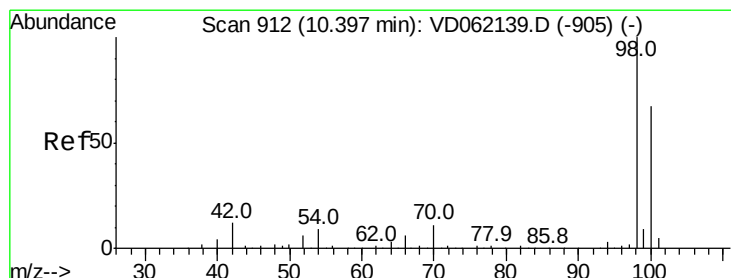
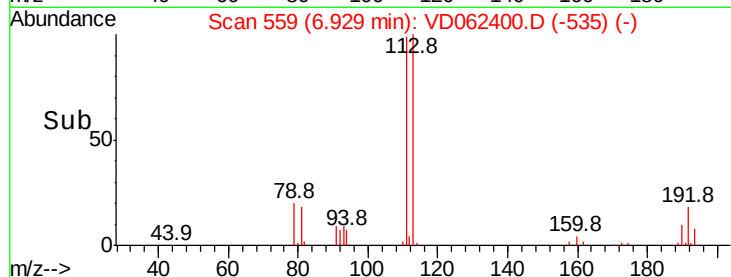
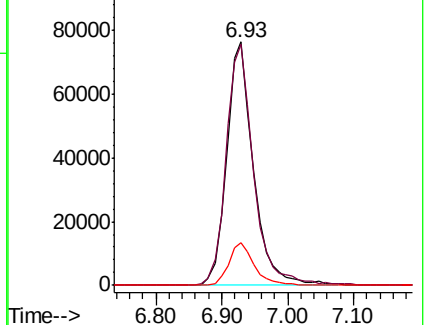
192 17.5 13.0 19.4



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: 34.599 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062400.D

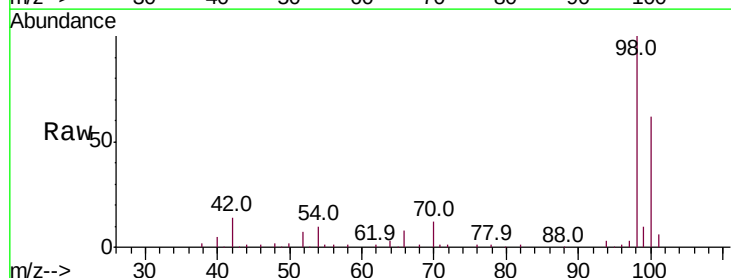
Acq: 15 May 2019 20:49

Tgt Ion: 98 Resp: 248257

Ion Ratio Lower Upper

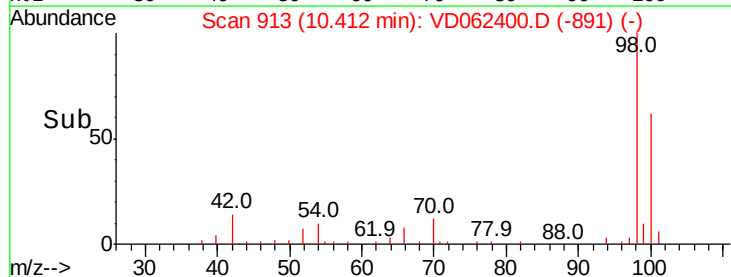
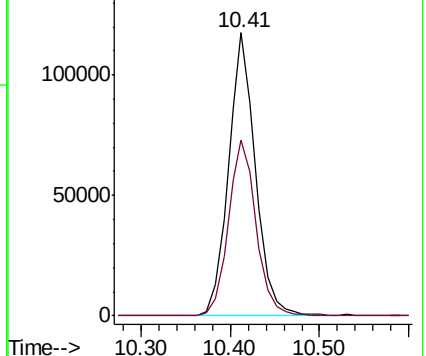
98 100

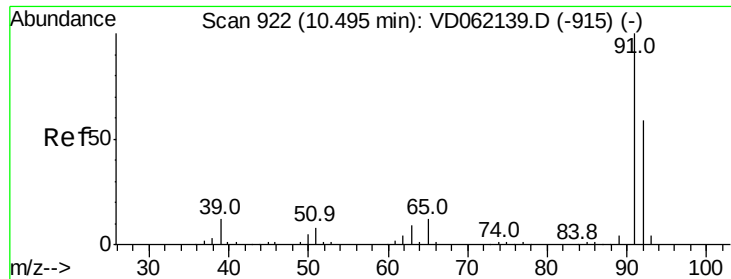
100 62.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 6.744 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.02 min

Lab File: VD062400.D

Acq: 15 May 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

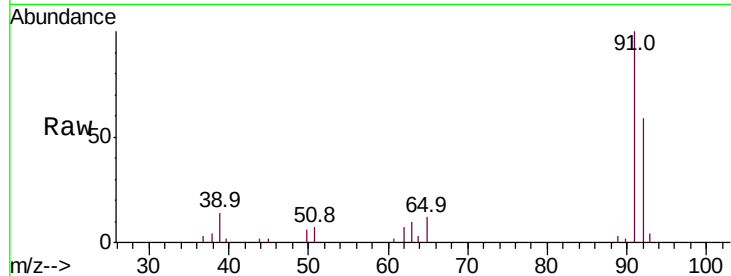
TP-21-S2

Tot Ion: 92 Resp: 29140

Ion Ratio Lower Upper

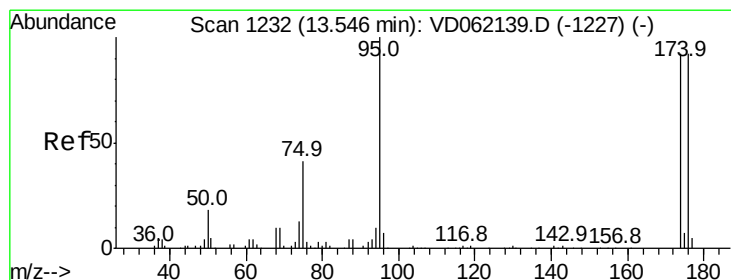
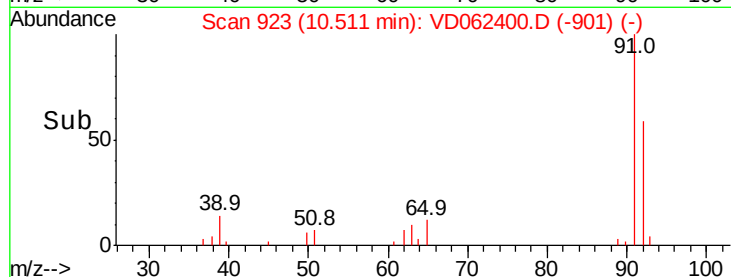
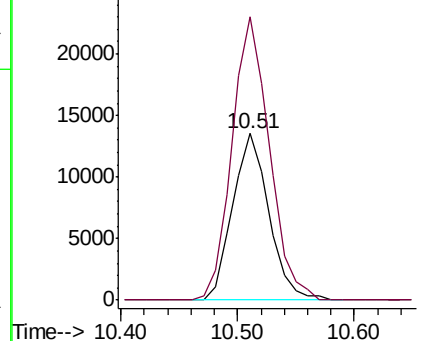
92 100

91 170.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 7.977 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062400.D

Acq: 15 May 2019 20:49

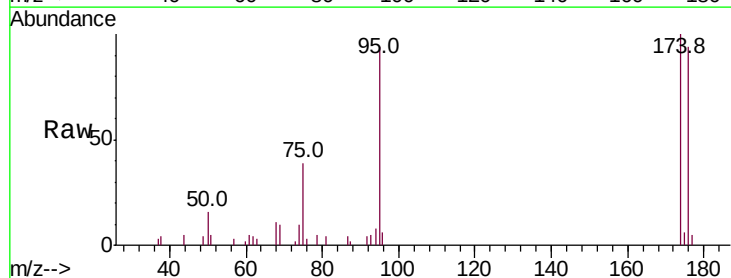
Tgt Ion: 95 Resp: 22984

Ion Ratio Lower Upper

95 100

174 106.4 0.0 181.8

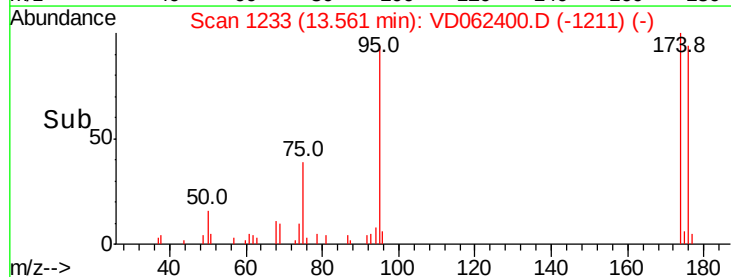
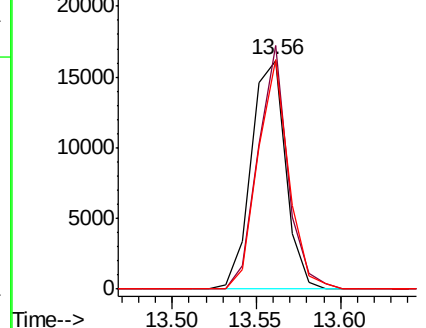
176 100.3 0.0 174.4

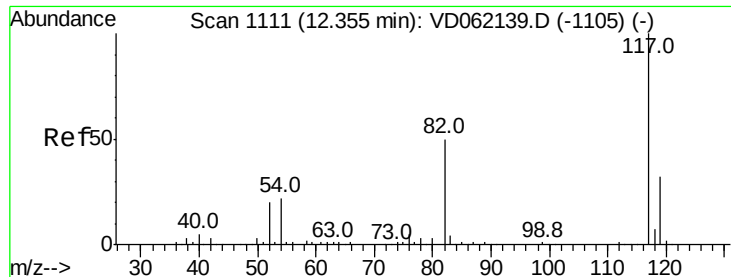


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

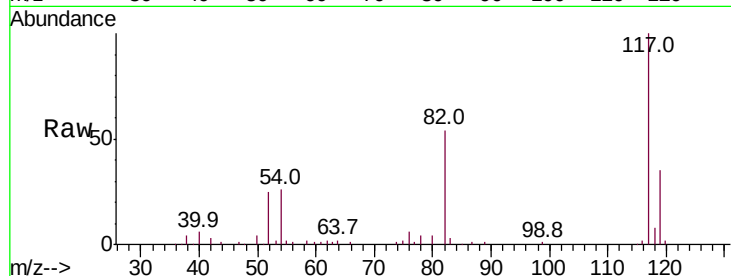




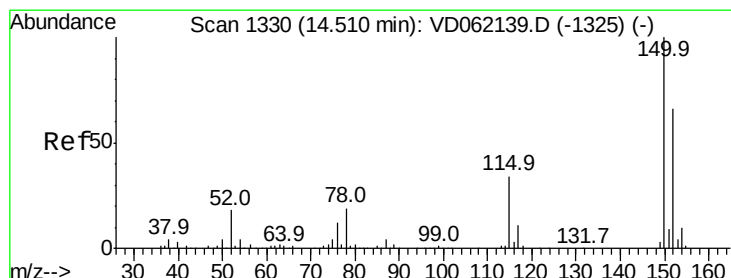
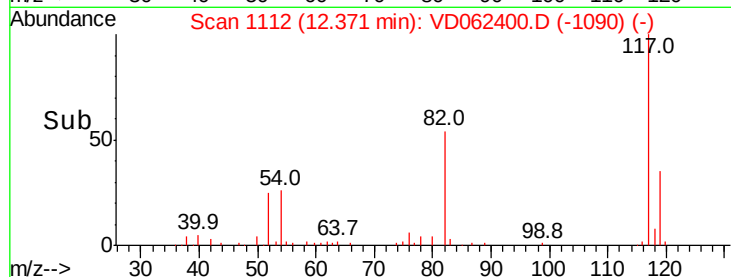
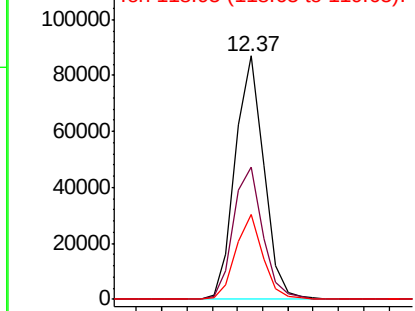
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062400.D
Acq: 15 May 2019 20:49

Instrument :
MSVOA_D
ClientSampleId :
TP-21-S2

Tot Ion:117 Resp: 136359
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 35.0 26.2 39.4

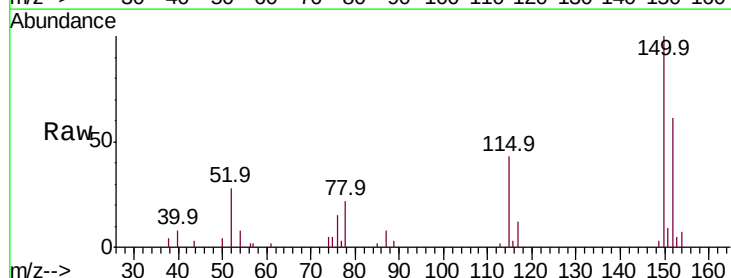


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062400.D
Acq: 15 May 2019 20:49

Tgt Ion:152 Resp: 12411
Ion Ratio Lower Upper
152 100
115 69.5 30.9 92.7
150 163.2 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

