

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061877.D
 Acq On : 18 Apr 2019 16:35
 Operator : VA/AP
 Sample : K2397-10RE
 Misc : 3.57g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2RE

Quant Time: Apr 18 17:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

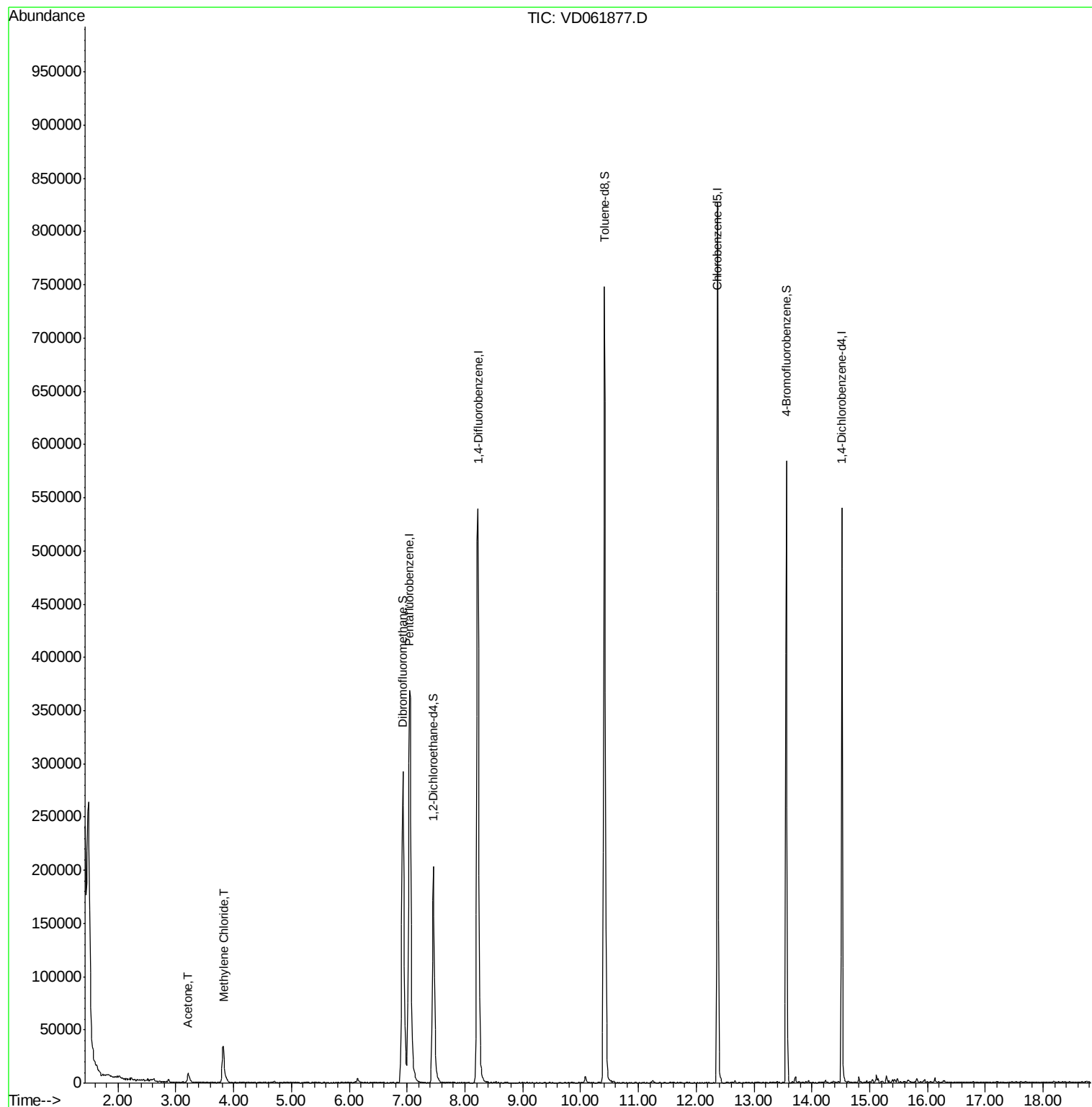
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	392728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	664687	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	471892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	134725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	204316	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.14%	
35) Dibromofluoromethane	6.92	113	282346	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
50) Toluene-d8	10.41	98	638563	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	13.56	95	179824	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
Target Compounds						
16) Acetone	3.21	43	17545	21.628	ug/l	94
20) Methylene Chloride	3.82	84	24785	1.717	ug/l	93

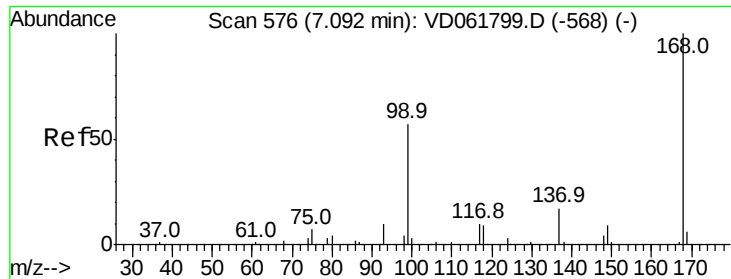
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

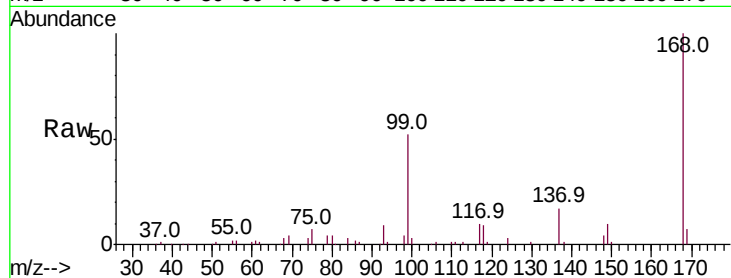
TP-3-S2RE

Tot Ion:168 Resp: 392728

Ion Ratio Lower Upper

168 100

99 52.4 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

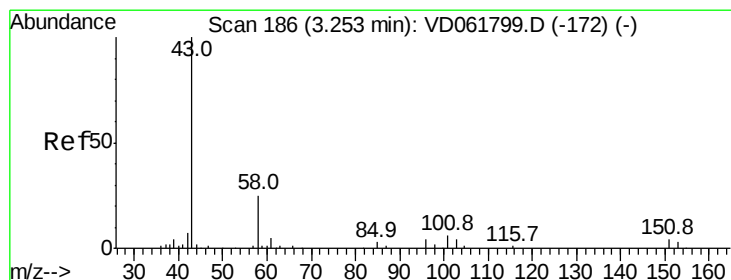
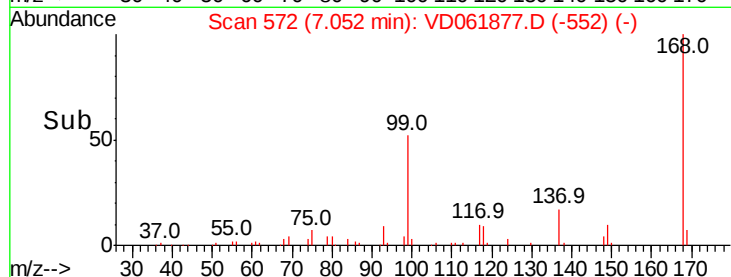
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 21.628 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061877.D

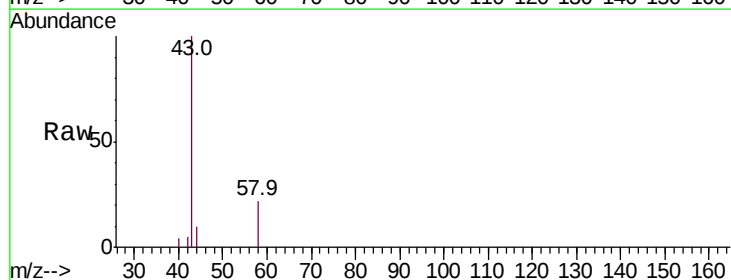
Acq: 18 Apr 2019 16:35

Tgt Ion: 43 Resp: 17545

Ion Ratio Lower Upper

43 100

58 22.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

8000

6000

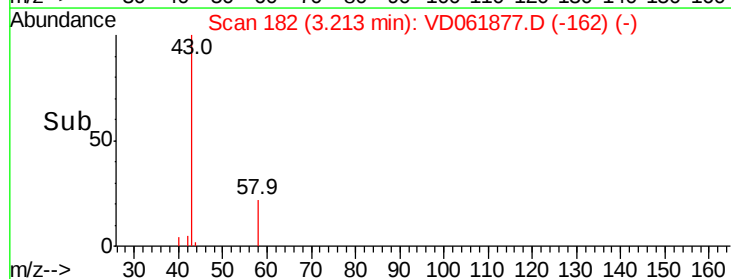
4000

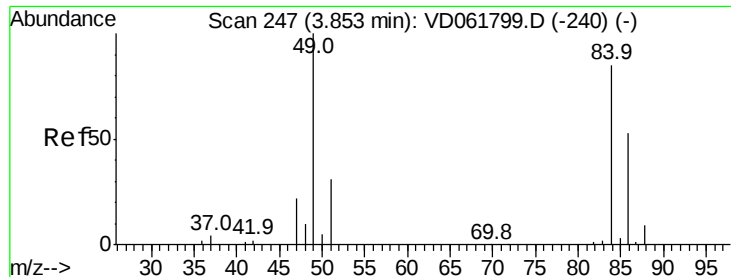
2000

0

Time-->

3.10 3.20 3.30

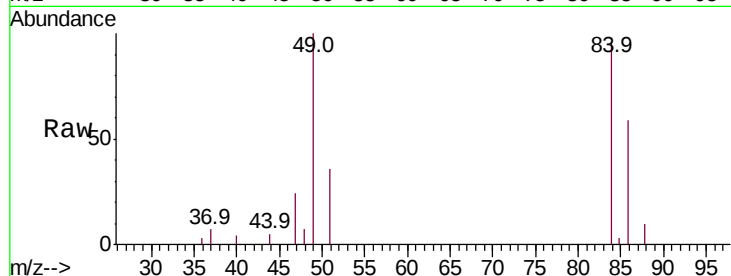




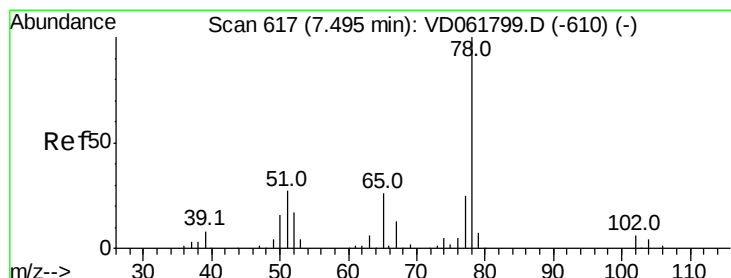
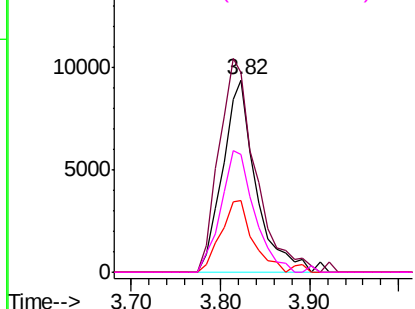
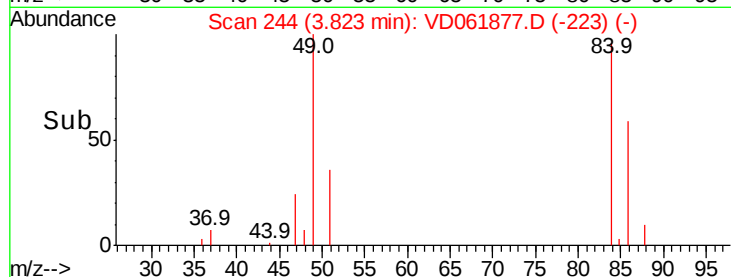
#20
Methvlene Chloride
Concen: 1.717 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061877.D
Acq: 18 Apr 2019 16:35

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2RE

Tot Ion: 84 Resp: 24785
Ion Ratio Lower Upper
84 100
49 103.9 94.0 141.0
51 37.2 29.0 43.4
86 61.2 49.8 74.6

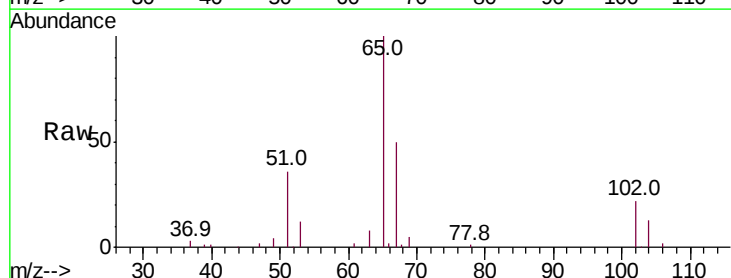


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

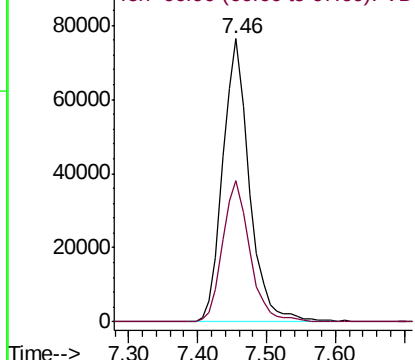
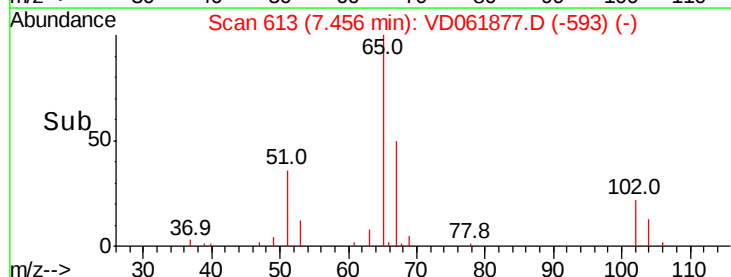


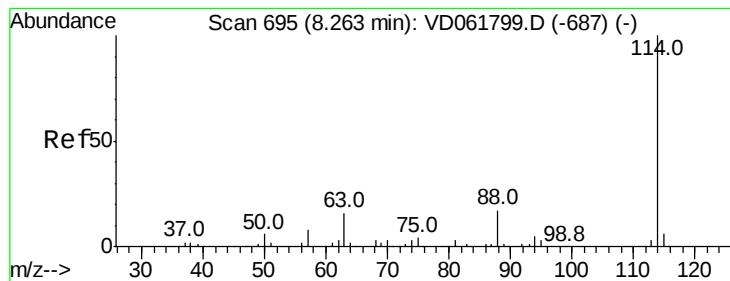
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061877.D
Acq: 18 Apr 2019 16:35

Tgt Ion: 65 Resp: 204316
Ion Ratio Lower Upper
65 100
67 49.8 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# 691

Delta R.T. 0.00 min

Lab File: VD061877.D

Acq: 18 Apr 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2RE

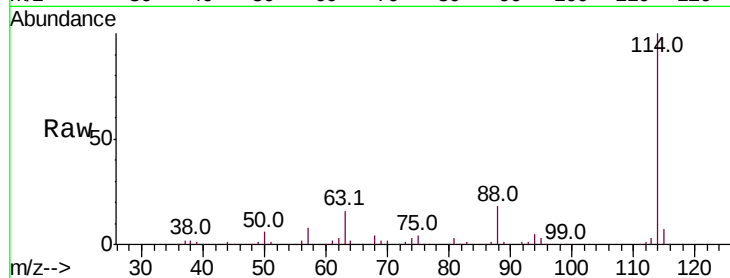
Tot Ion:114 Resp: 664687

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

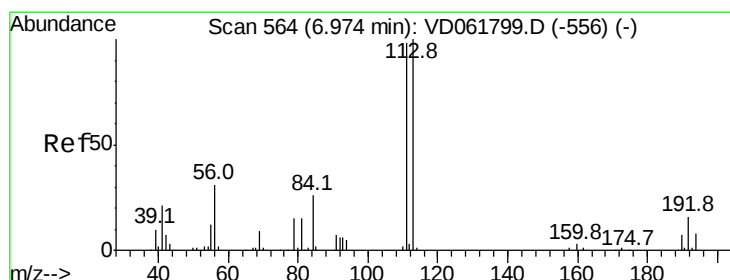
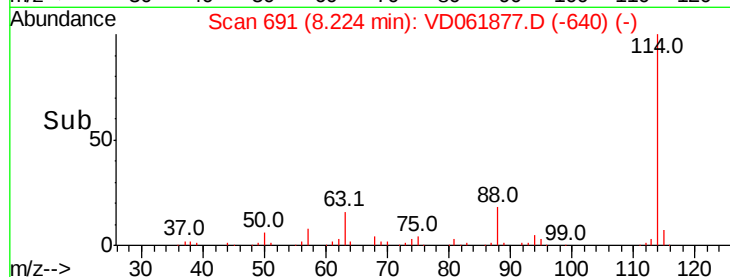
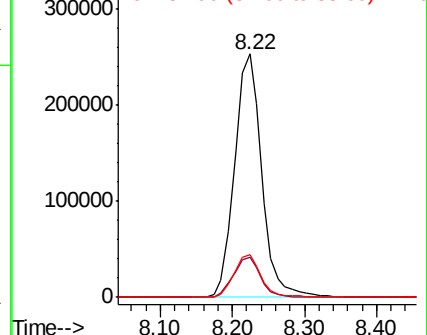
88 17.6 0.0 33.6



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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061877.D

Acq: 18 Apr 2019 16:35

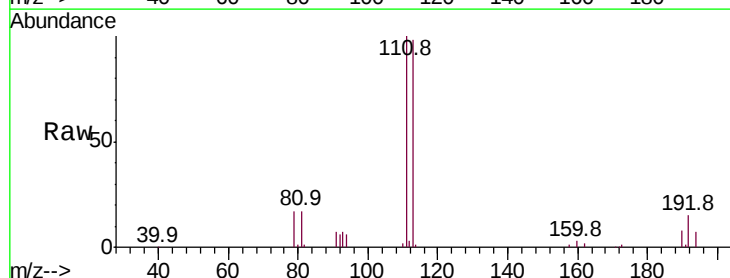
Tgt Ion:113 Resp: 282346

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

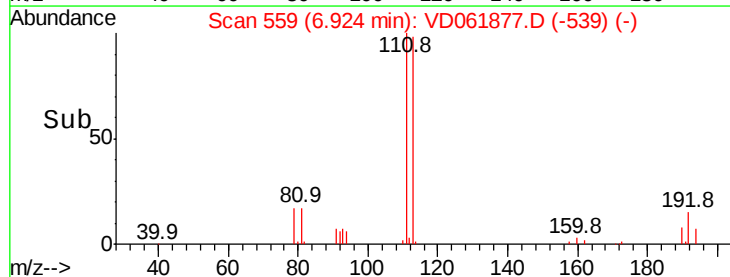
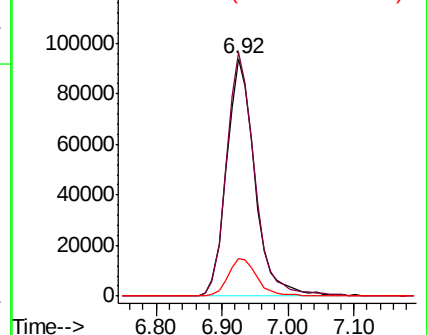
192 15.7 13.0 19.4

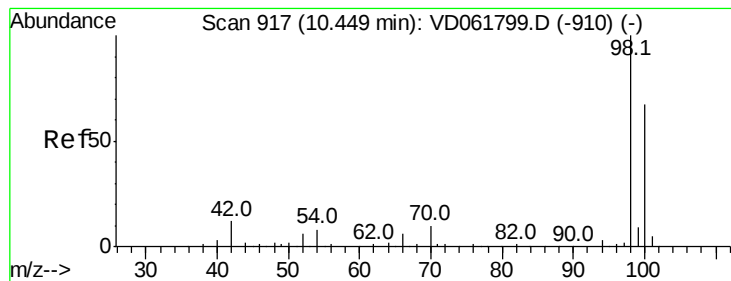


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061877.D

Acq: 18 Apr 2019 16:35

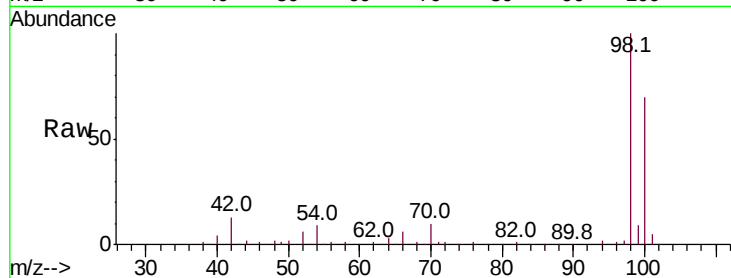
Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2RE

Tot Ion: 98 Resp: 638563

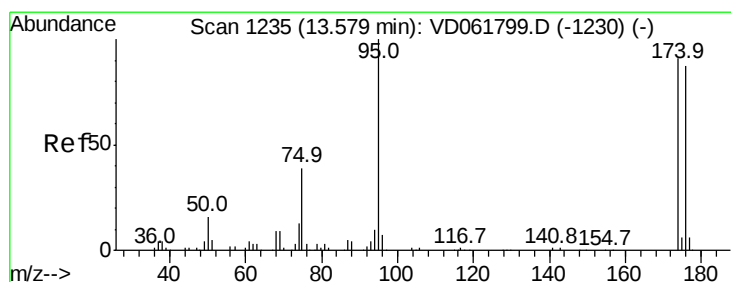
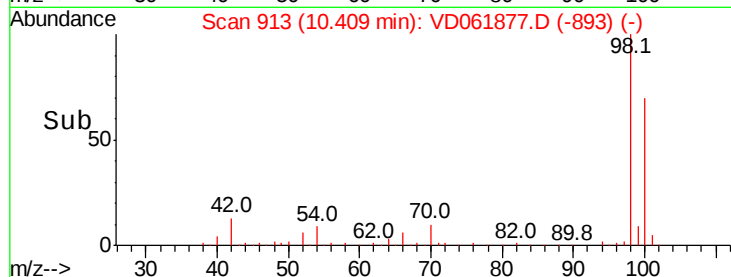
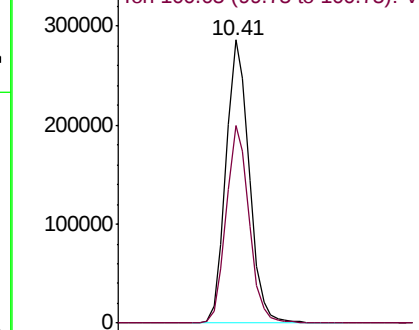
Ion Ratio Lower Upper

98 100

100 70.0 53.8 80.8



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061877.D

Acq: 18 Apr 2019 16:35

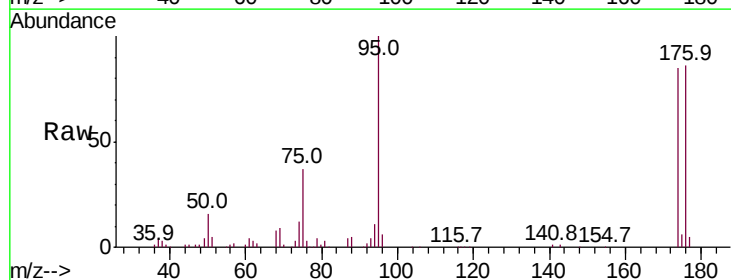
Tgt Ion: 95 Resp: 179824

Ion Ratio Lower Upper

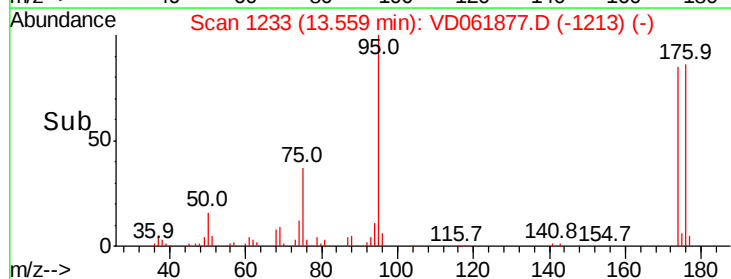
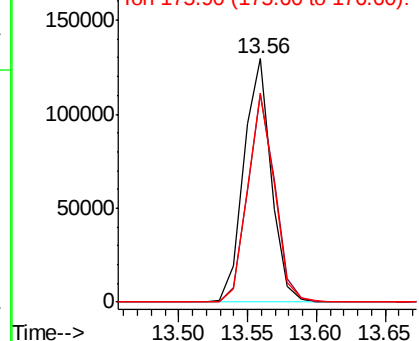
95 100

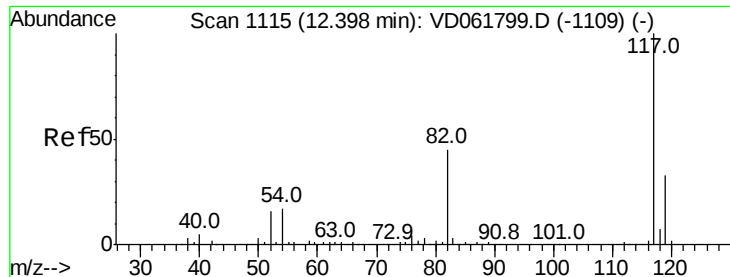
174 85.3 0.0 181.8

176 85.7 0.0 174.4



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

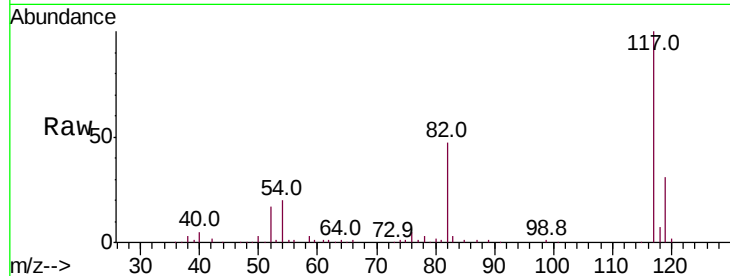




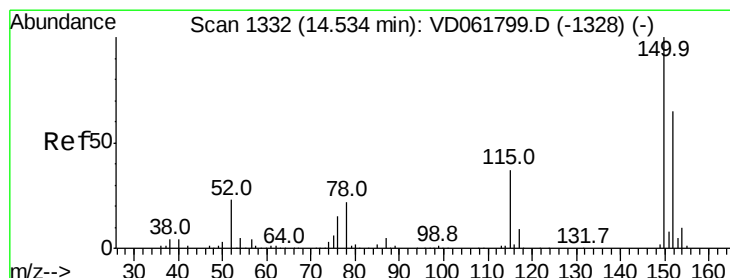
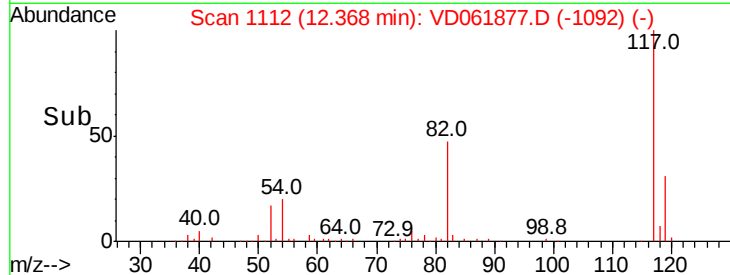
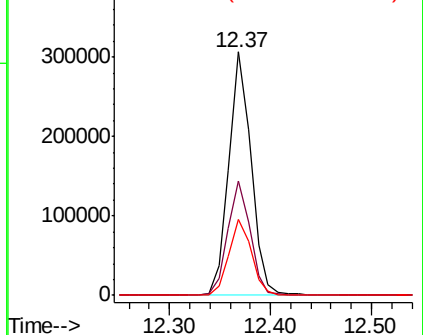
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061877.D
Acq: 18 Apr 2019 16:35

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2RE

Tot Ion:117 Resp: 471892
Ion Ratio Lower Upper
117 100
82 47.2 36.2 54.2
119 31.2 26.2 39.4

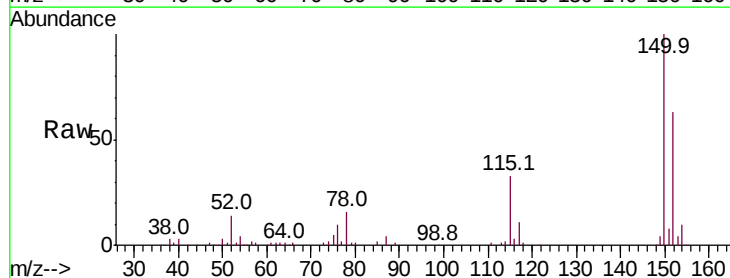


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061877.D
Acq: 18 Apr 2019 16:35

Tgt Ion:152 Resp: 134725
Ion Ratio Lower Upper
152 100
115 52.1 30.9 92.7
150 157.7 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

