

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062482.D
 Acq On : 21 May 2019 15:43
 Operator : VA/AP
 Sample : K2951-03RE
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

Quant Time: May 22 02:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

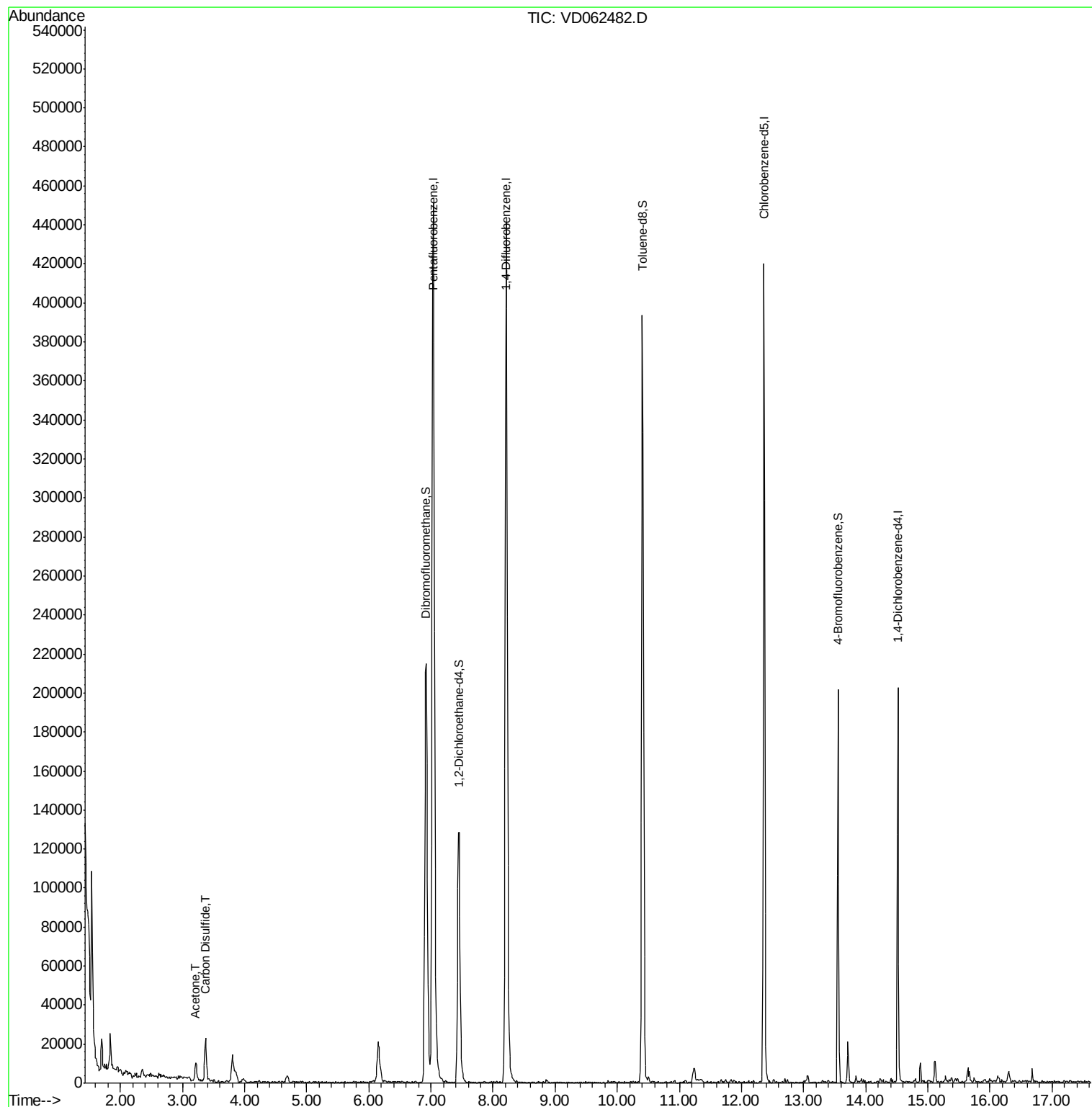
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	433109	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	482494	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	225819	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	42625	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	152948	32.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.98%	
35) Dibromofluoromethane	6.92	113	196392	45.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.24%	
50) Toluene-d8	10.41	98	322234	33.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.66%	
62) 4-Bromofluorobenzene	13.55	95	54596	13.10	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	26.20%	
Target Compounds						
16) Acetone	3.22	43	16973	20.430	ug/l #	81
17) Carbon Disulfide	3.37	76	37681	3.879	ug/l	96

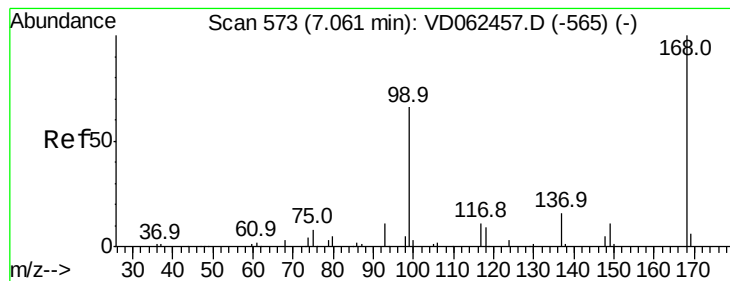
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062482.D

Acq: 21 May 2019 15:43

Instrument :

MSVOA_D

ClientSampleId :

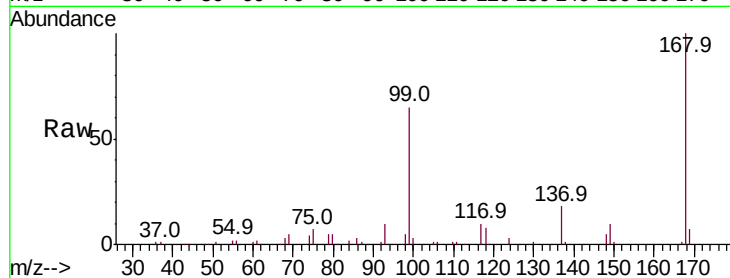
TP-12-SRE

Tot Ion:168 Resp: 433109

Ion Ratio Lower Upper

168 100

99 64.7 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

150000

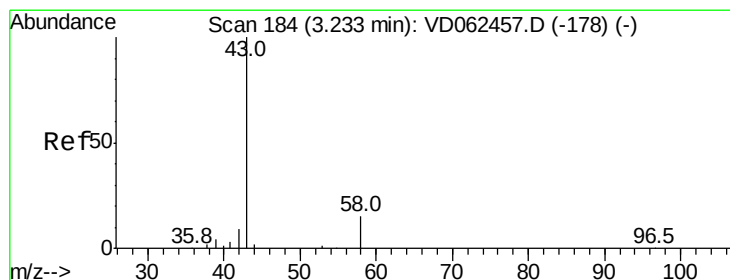
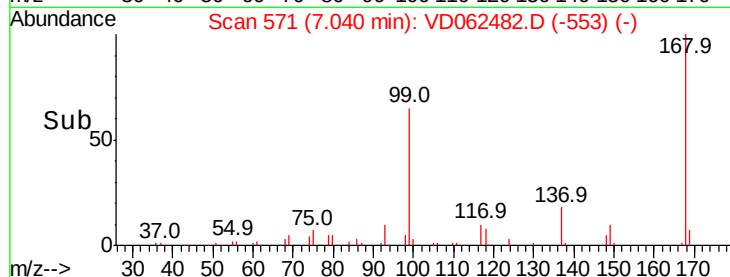
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 20.430 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062482.D

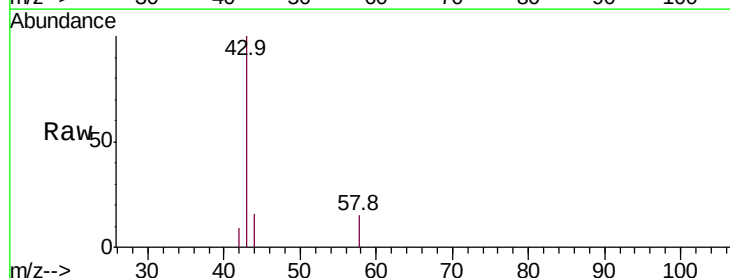
Acq: 21 May 2019 15:43

Tgt Ion: 43 Resp: 16973

Ion Ratio Lower Upper

43 100

58 15.2 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

8000

6000

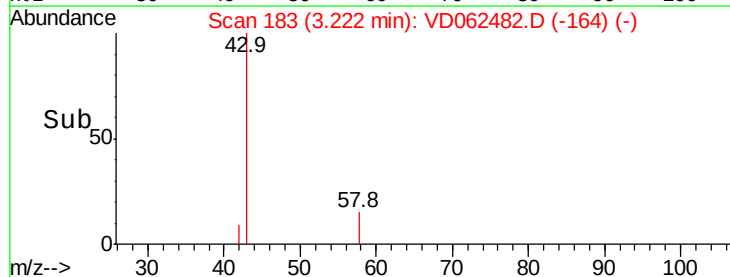
4000

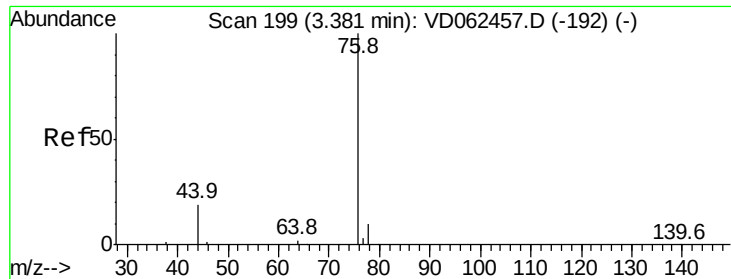
2000

0

Time-->

3.10 3.20 3.30





#17

Carbon Disulfide

Concen: 3.879 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.01 min

Lab File: VD062482.D

Acq: 21 May 2019 15:43

Instrument :

MSVOA_D

ClientSampleId :

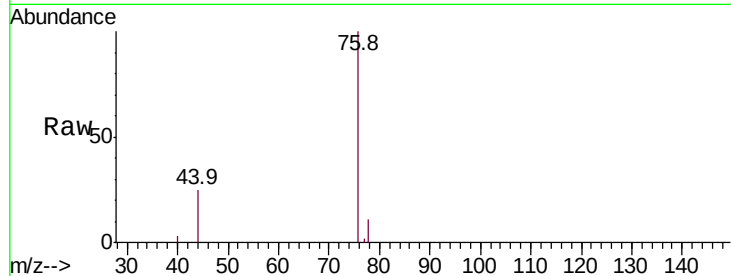
TP-12-SRE

Tot Ion: 76 Resp: 37681

Ion Ratio Lower Upper

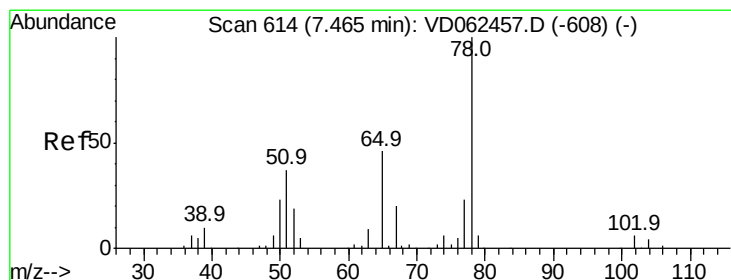
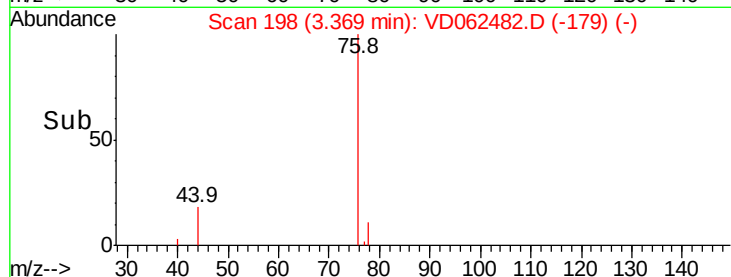
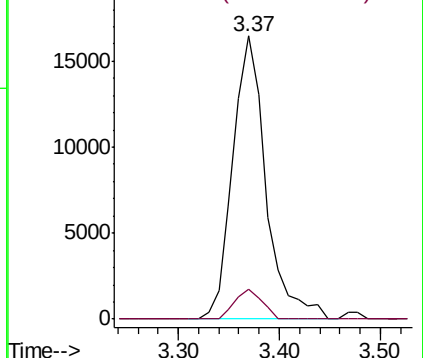
76 100

78 10.6 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#33

1,2-Dichloroethane-d4

Concen: 32.990 ug/l

RT: 7.44 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062482.D

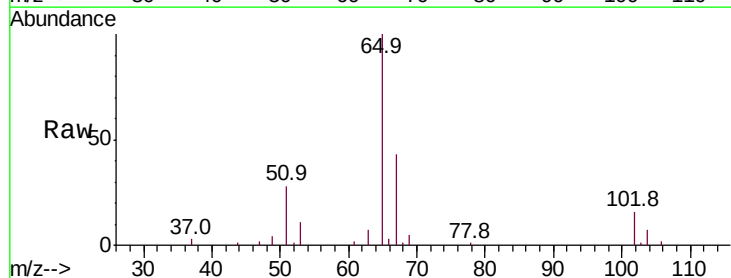
Acq: 21 May 2019 15:43

Tgt Ion: 65 Resp: 152948

Ion Ratio Lower Upper

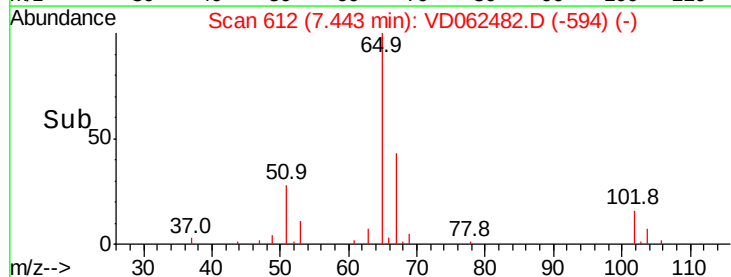
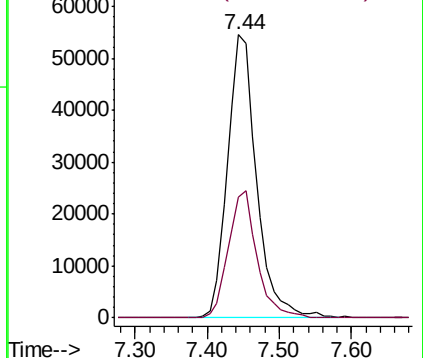
65 100

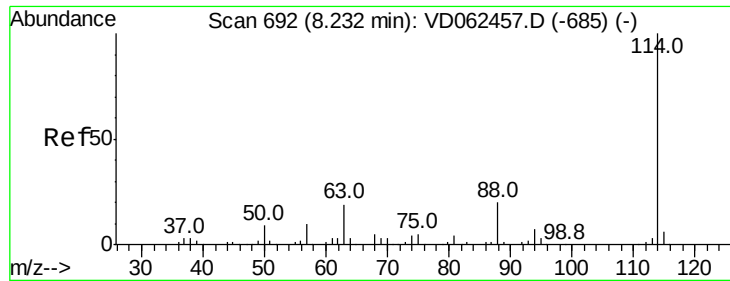
67 42.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

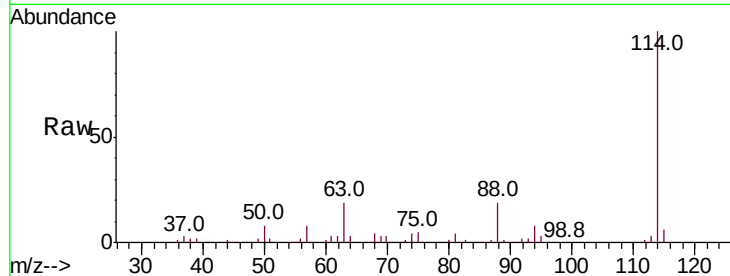




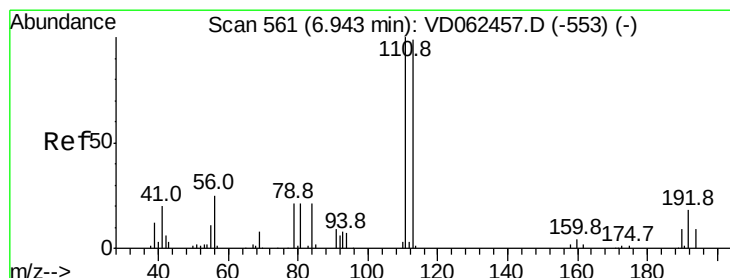
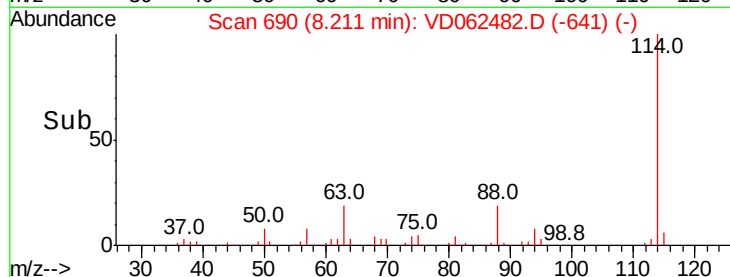
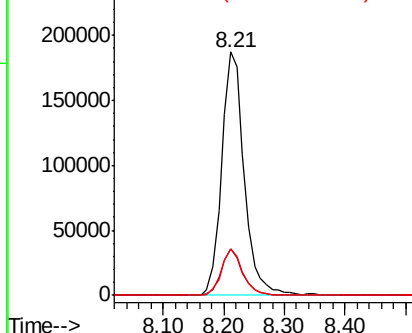
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD062482.D
 Acq: 21 May 2019 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

Tot Ion:114 Resp: 482494
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 19.3 0.0 33.6

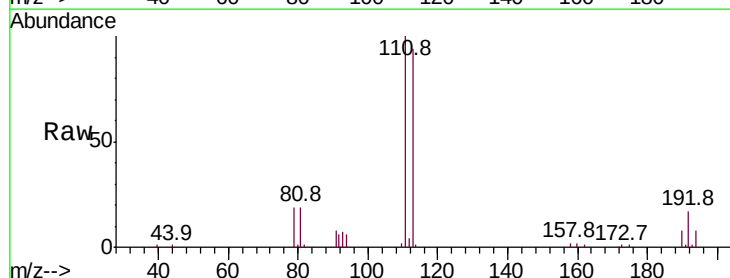


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

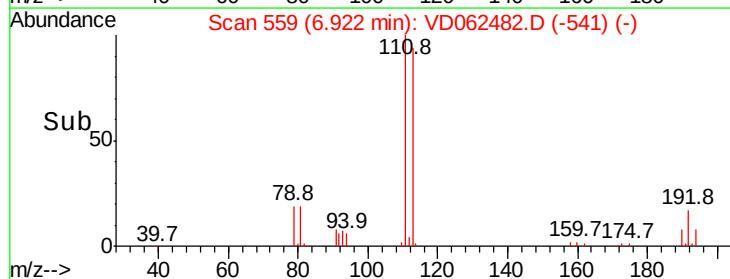
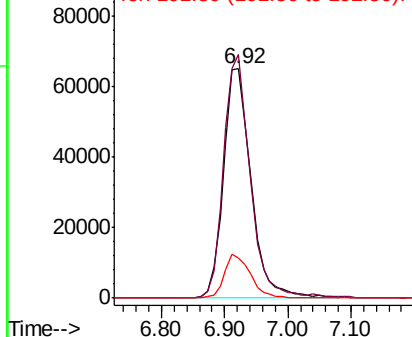


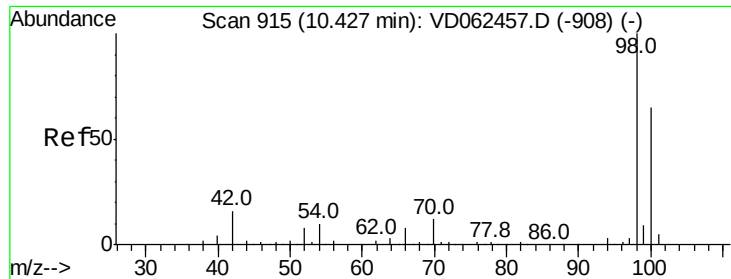
#35
 Dibromofluoromethane
 Concen: 45.120 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD062482.D
 Acq: 21 May 2019 15:43

Tgt Ion:113 Resp: 196392
 Ion Ratio Lower Upper
 113 100
 111 106.2 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: 33.829 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062482.D

Acq: 21 May 2019 15:43

Instrument :

MSVOA_D

ClientSampleId :

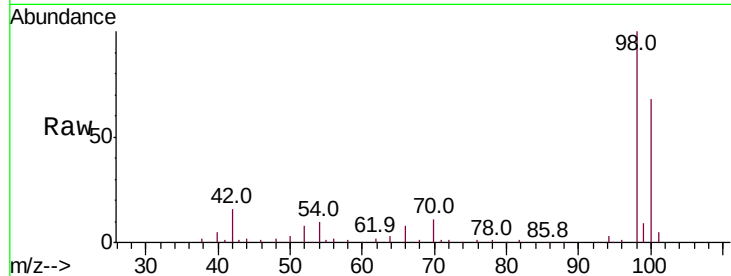
TP-12-SRE

Tot Ion: 98 Resp: 322234

Ion Ratio Lower Upper

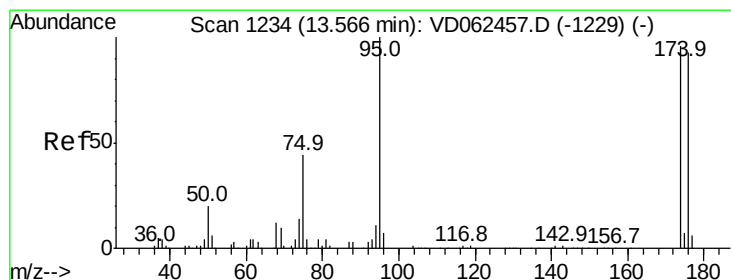
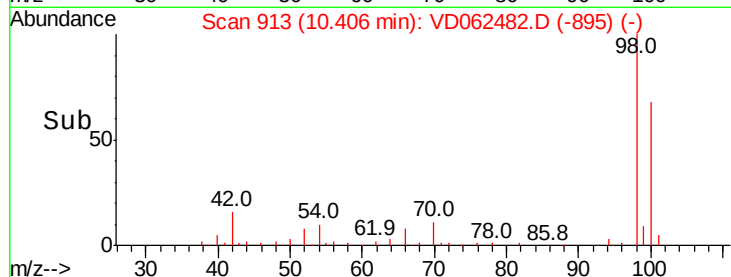
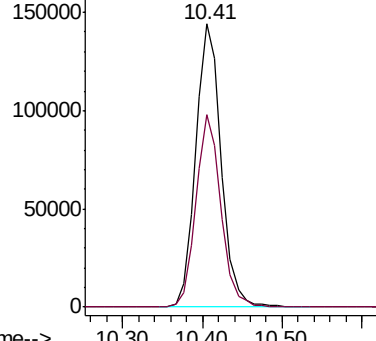
98 100

100 68.0 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: 13.103 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062482.D

Acq: 21 May 2019 15:43

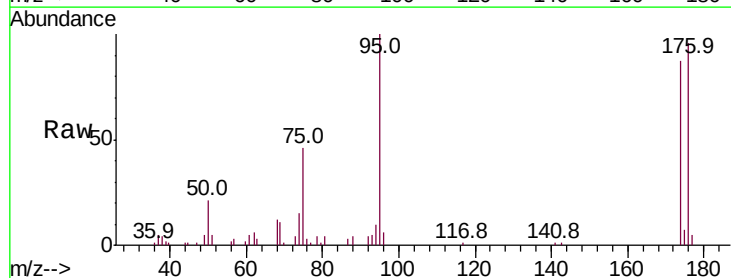
Tgt Ion: 95 Resp: 54596

Ion Ratio Lower Upper

95 100

174 86.7 0.0 181.8

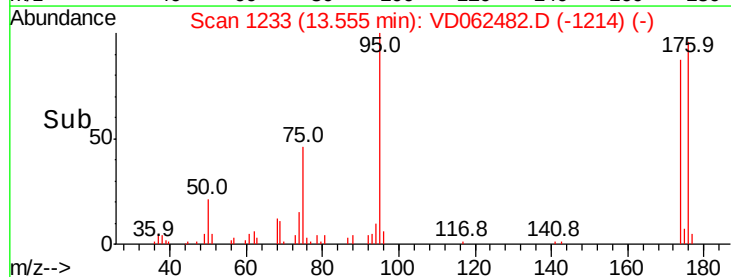
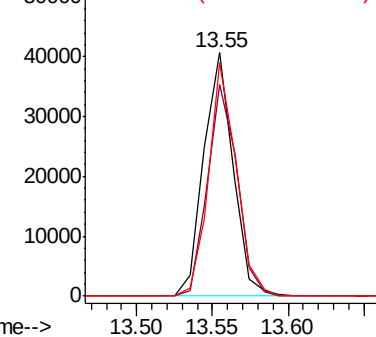
176 95.7 0.0 174.4

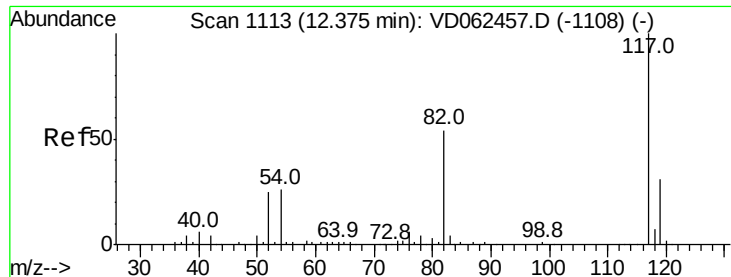


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

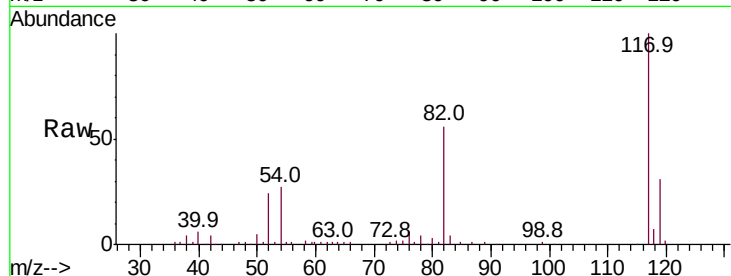




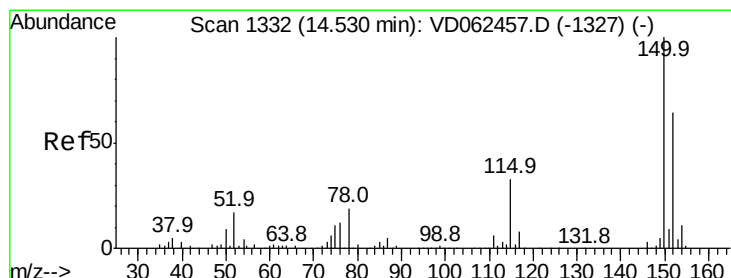
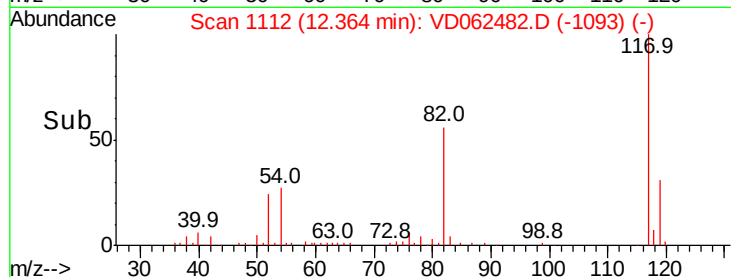
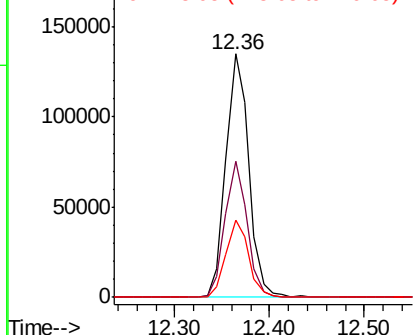
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062482.D
Acq: 21 May 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

Tot Ion:117 Resp: 225819
Ion Ratio Lower Upper
117 100
82 56.0 36.2 54.2#
119 31.5 26.2 39.4

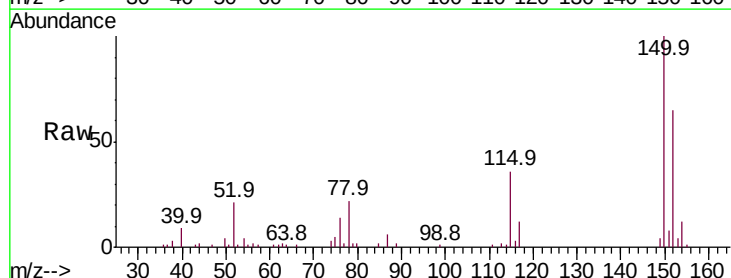


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062482.D
Acq: 21 May 2019 15:43

Tgt Ion:152 Resp: 42625
Ion Ratio Lower Upper
152 100
115 56.0 30.9 92.7
150 154.7 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

