

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062487.D
 Acq On : 21 May 2019 17:58
 Operator : VA/AP
 Sample : K2970-02
 Misc : 2.56g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-S2

Quant Time: May 22 03:10:50 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

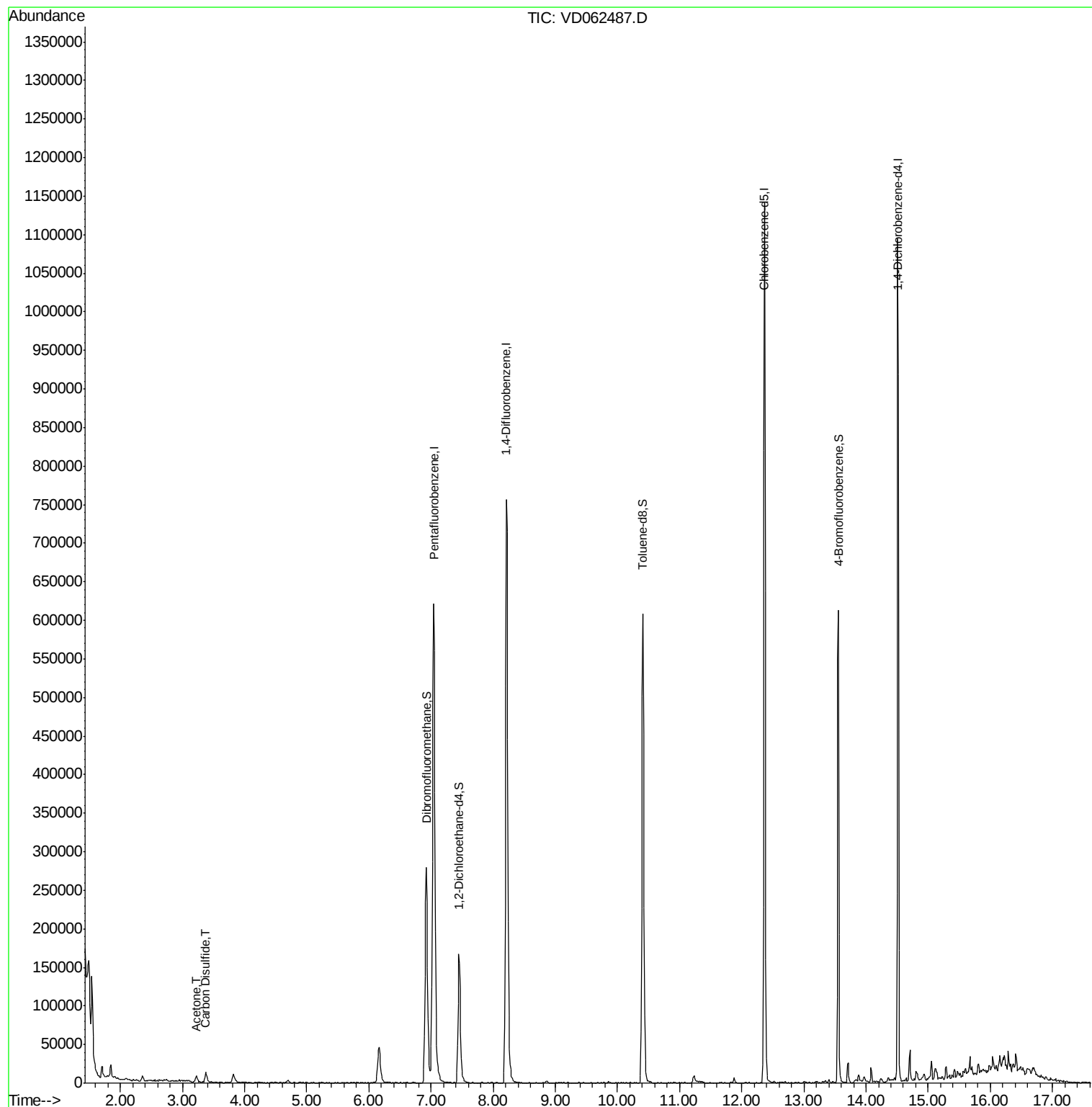
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	596310	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	814302	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	600724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	242919	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	189826	29.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.48%	
35) Dibromofluoromethane	6.92	113	245726	33.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.90%	
50) Toluene-d8	10.41	98	490357	30.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.00%	
62) 4-Bromofluorobenzene	13.55	95	179640	25.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	51.10%	
Target Compounds						
16) Acetone	3.23	43	17692	15.467	ug/l #	85
17) Carbon Disulfide	3.37	76	23719	1.773	ug/l	96

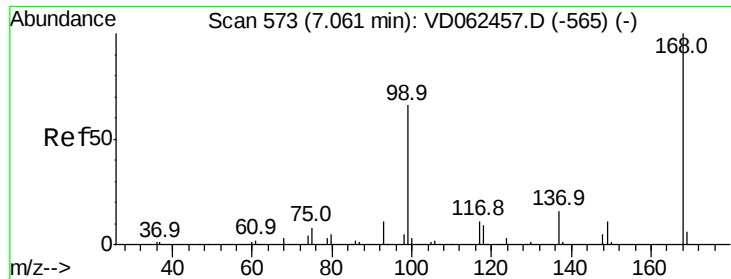
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

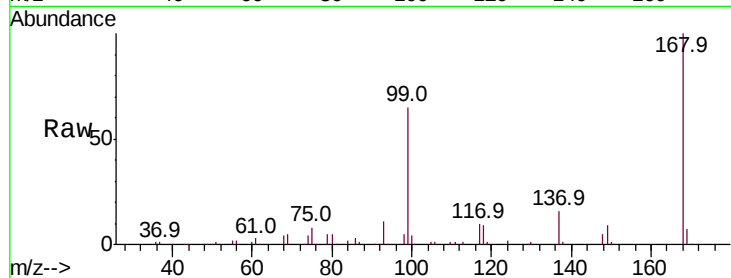
TP-11-S2

Tot Ion:168 Resp: 596310

Ion Ratio Lower Upper

168 100

99 64.6 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

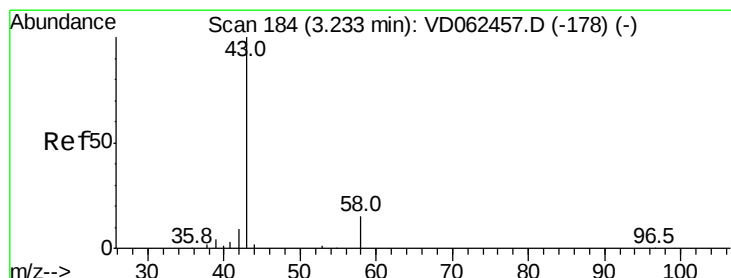
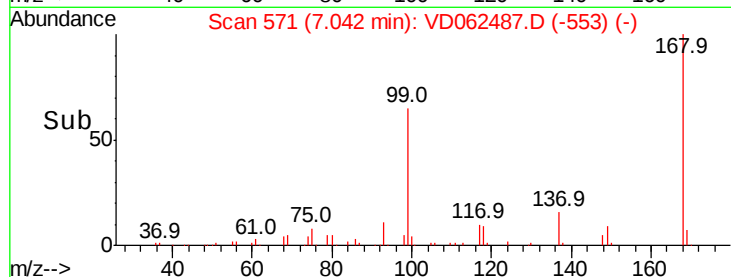
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 15.467 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD062487.D

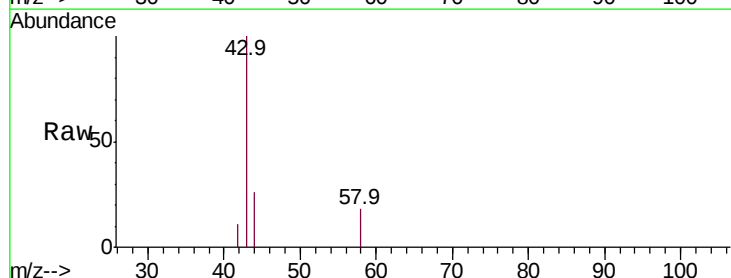
Acq: 21 May 2019 17:58

Tgt Ion: 43 Resp: 17692

Ion Ratio Lower Upper

43 100

58 17.6 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

6000

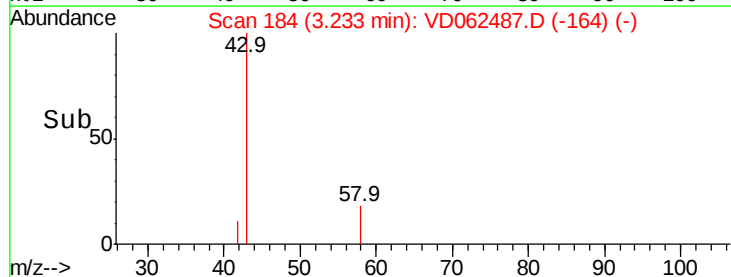
4000

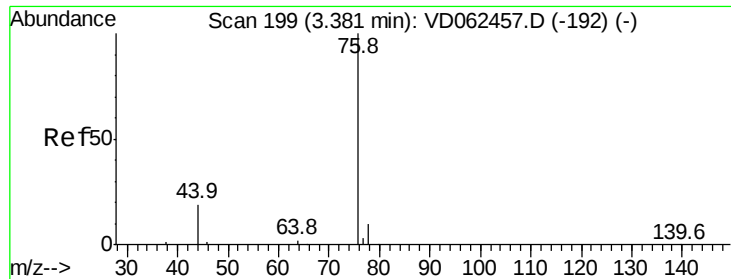
2000

0

Time-->

3.20 3.30





#17

Carbon Disulfide

Concen: 1.773 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.01 min

Lab File: VD062487.D

Acq: 21 May 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

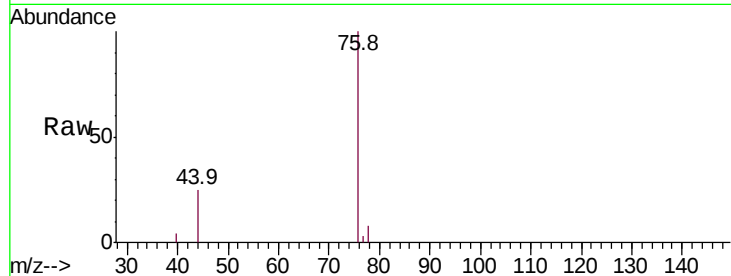
TP-11-S2

Tot Ion: 76 Resp: 23719

Ion Ratio Lower Upper

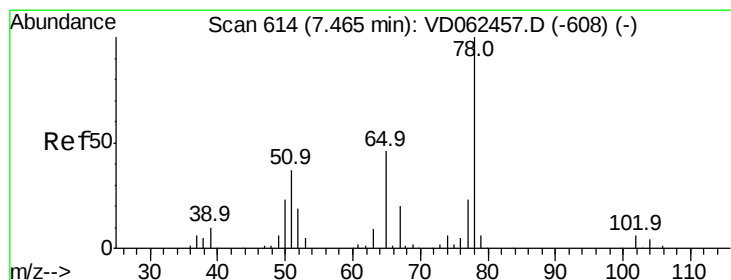
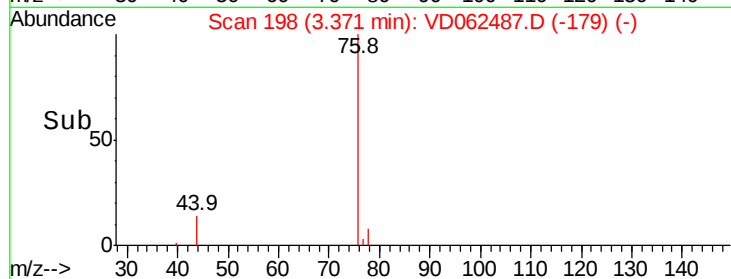
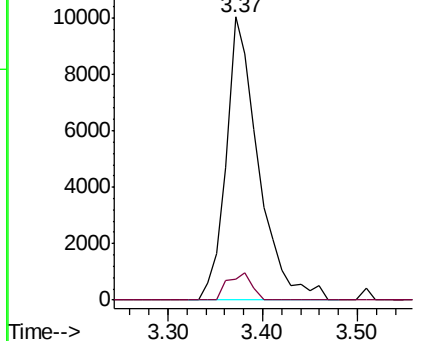
76 100

78 7.6 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: 29.739 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062487.D

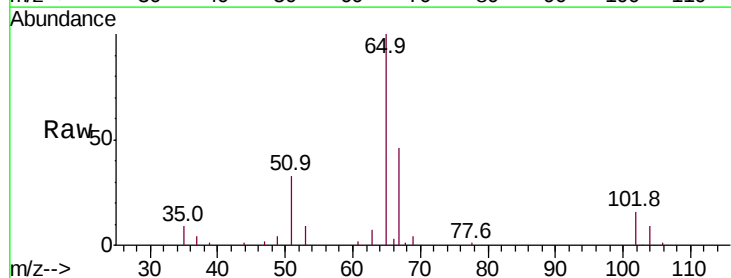
Acq: 21 May 2019 17:58

Tgt Ion: 65 Resp: 189826

Ion Ratio Lower Upper

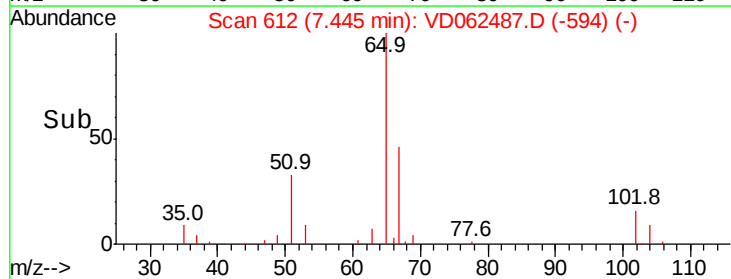
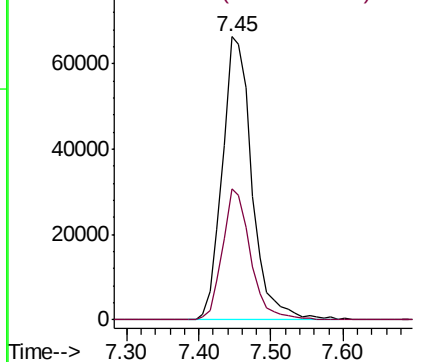
65 100

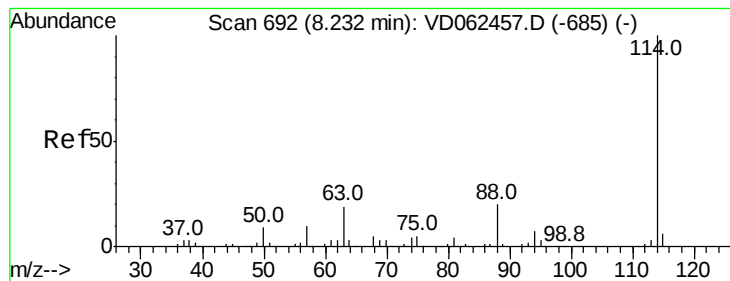
67 46.4 0.0 98.0



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: VD062487.D

Acq: 21 May 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

TP-11-S2

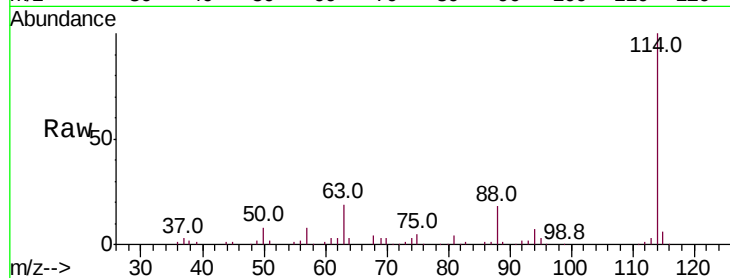
Tot Ion:114 Resp: 814302

Ion Ratio Lower Upper

114 100

63 19.4 0.0 32.4

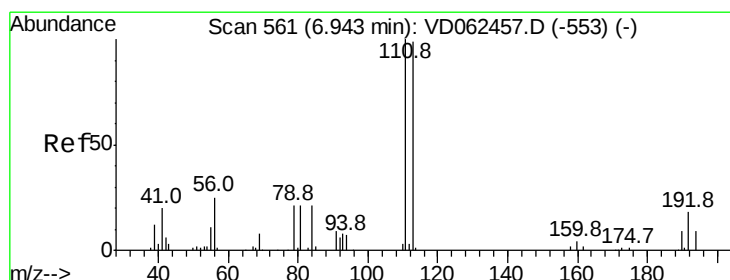
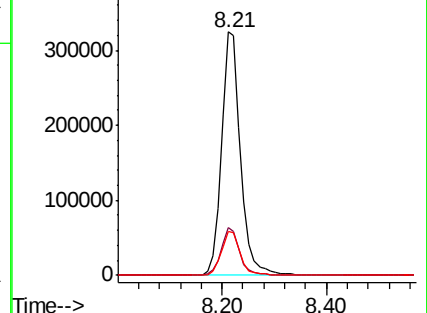
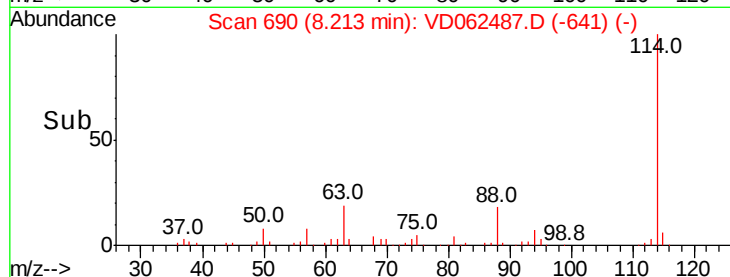
88 18.2 0.0 33.6



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: 33.450 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD062487.D

Acq: 21 May 2019 17:58

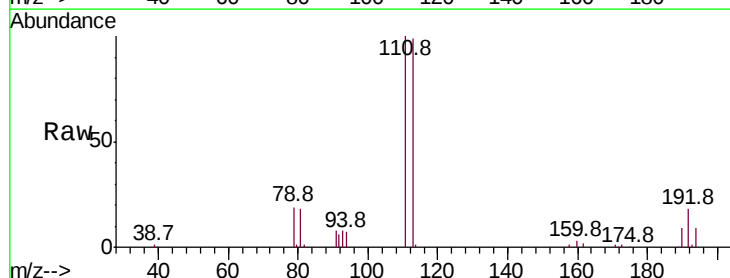
Tgt Ion:113 Resp: 245726

Ion Ratio Lower Upper

113 100

111 101.0 78.5 117.7

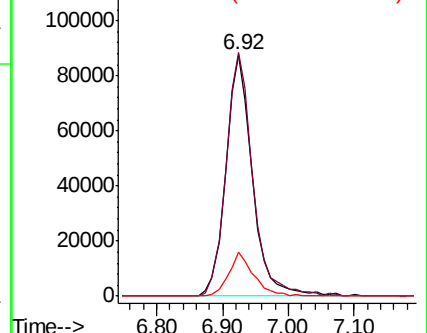
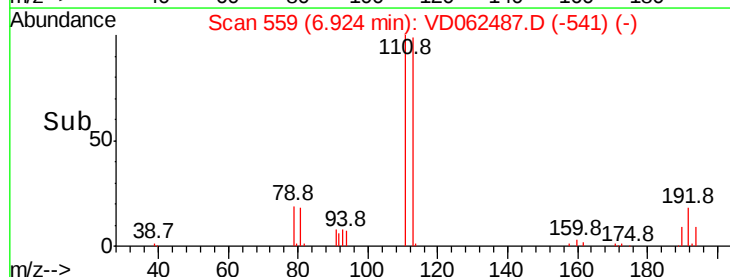
192 18.1 13.0 19.4

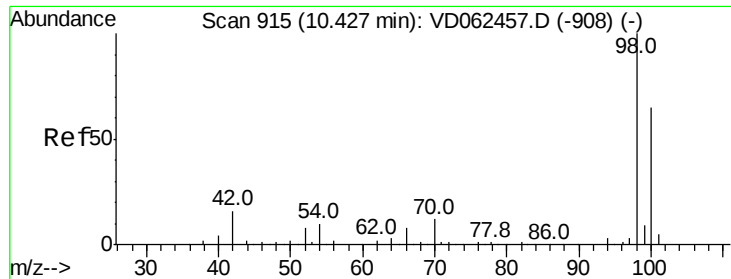


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

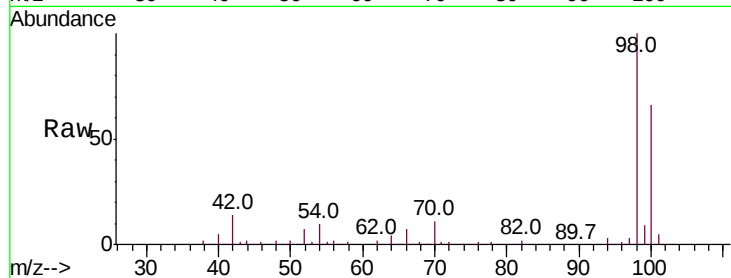




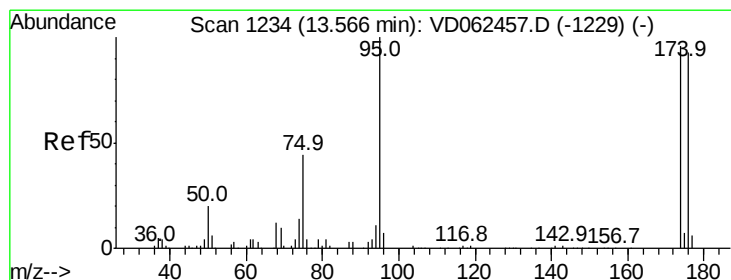
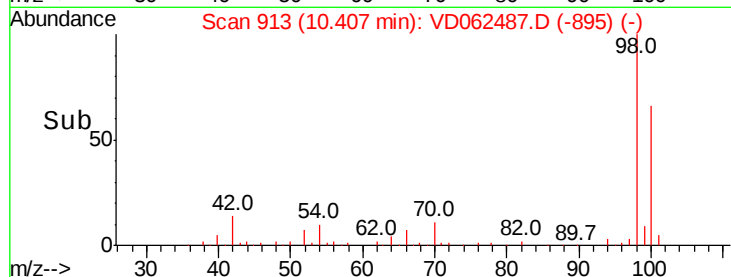
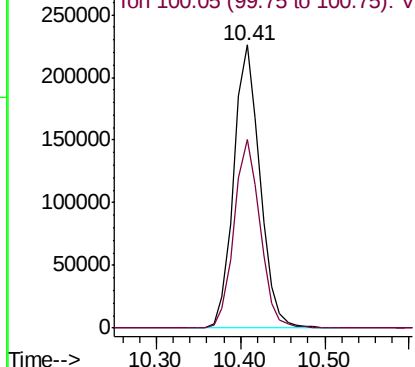
#50
Toluene-d8
Concen: 30.503 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062487.D
Acq: 21 May 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2

Tot Ion: 98 Resp: 490357
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.8

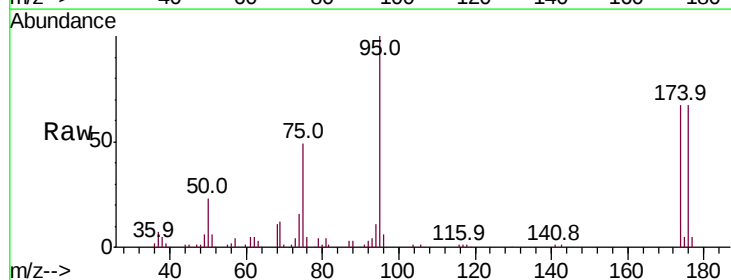


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

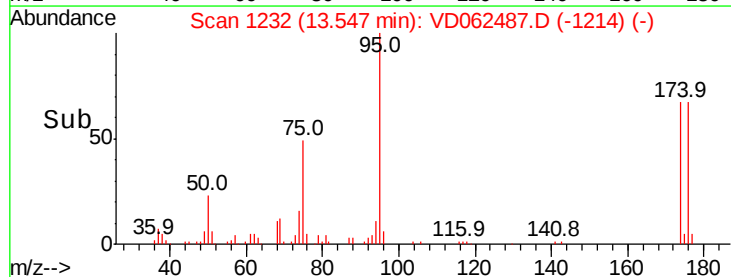
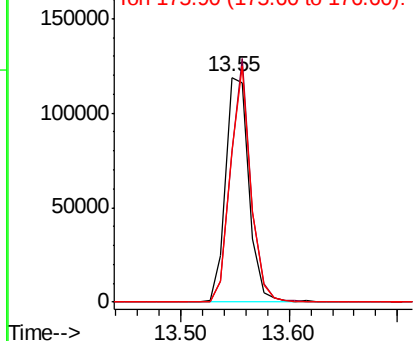


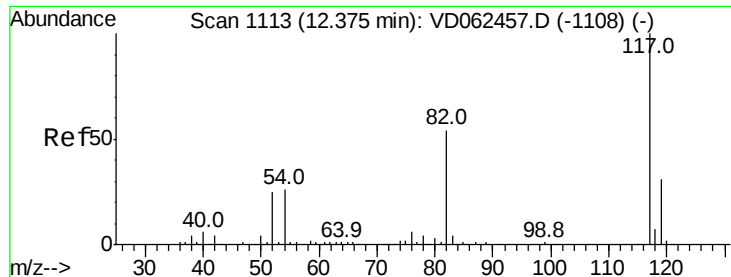
#62
4-Bromofluorobenzene
Concen: 25.545 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062487.D
Acq: 21 May 2019 17:58

Tgt Ion: 95 Resp: 179640
Ion Ratio Lower Upper
95 100
174 66.6 0.0 181.8
176 67.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

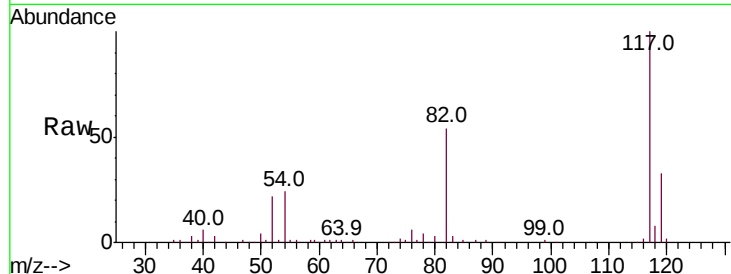




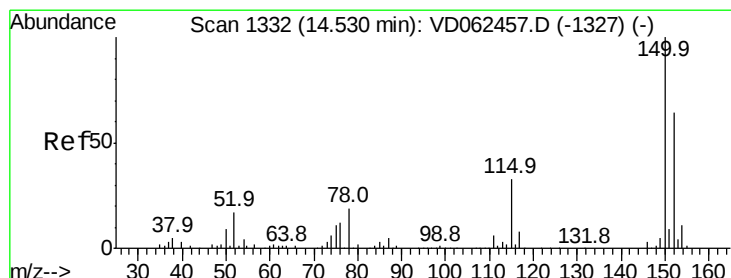
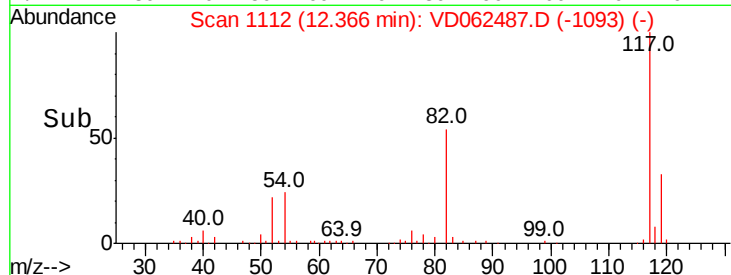
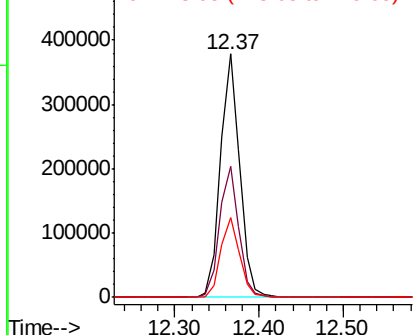
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062487.D
Acq: 21 May 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
TP-11-S2

Tot Ion:117 Resp: 600724
Ion Ratio Lower Upper
117 100
82 53.8 36.2 54.2
119 32.8 26.2 39.4

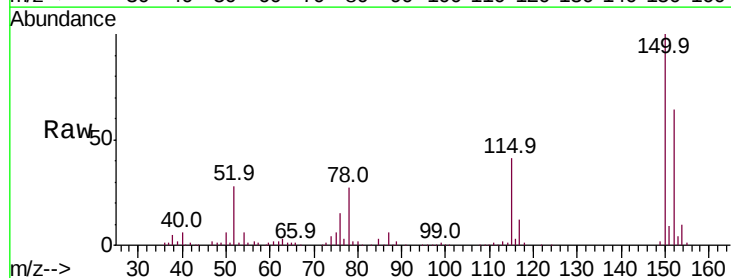


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062487.D
Acq: 21 May 2019 17:58

Tgt Ion:152 Resp: 242919
Ion Ratio Lower Upper
152 100
115 63.9 30.9 92.7
150 157.1 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

