

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062481.D
 Acq On : 21 May 2019 15:16
 Operator : VA/AP
 Sample : K2943-06
 Misc : 6.19g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-5-4FT

Quant Time: May 22 02:14:07 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

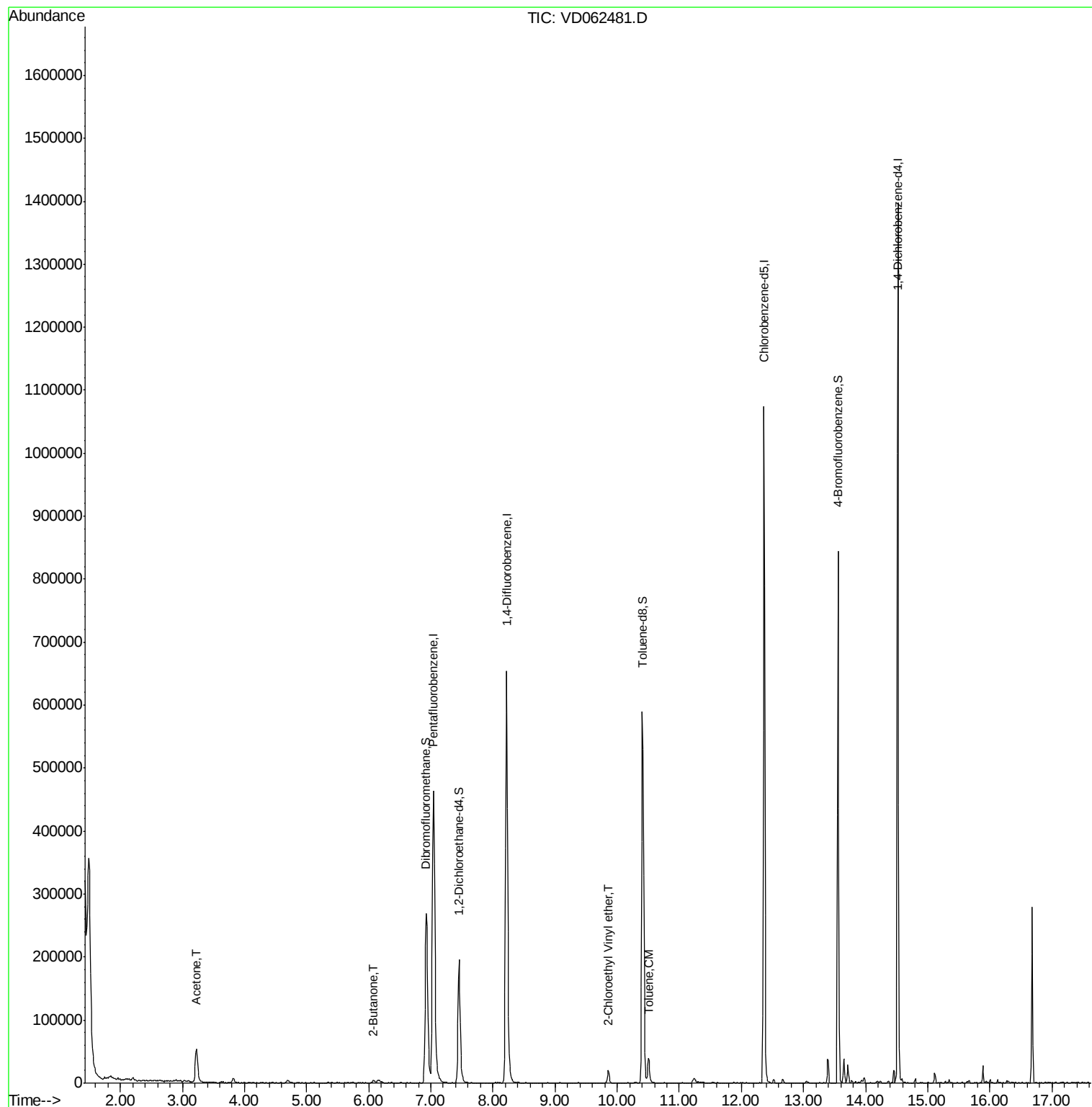
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	477823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	697141	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	569181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	307045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	206710	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	
35) Dibromofluoromethane	6.92	113	248194	39.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.92%	
50) Toluene-d8	10.41	98	495619	36.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.02%	
62) 4-Bromofluorobenzene	13.56	95	229648	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.28%	
Target Compounds						
16) Acetone	3.22	43	115511	126.027	ug/l #	89
25) 2-Butanone	6.07	43	9761	10.182	ug/l	98
52) Toluene	10.51	92	19895	2.223	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.86	63	9786	5.877	ug/l	100

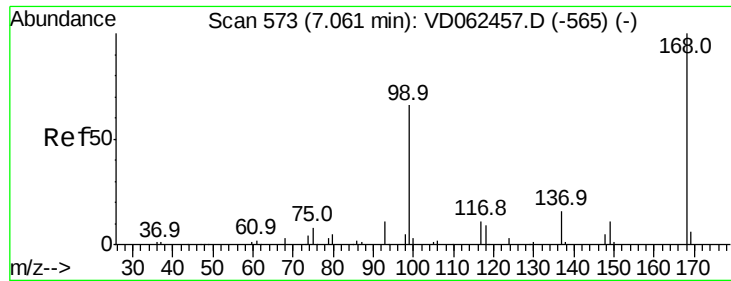
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062481.D

Acq: 21 May 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

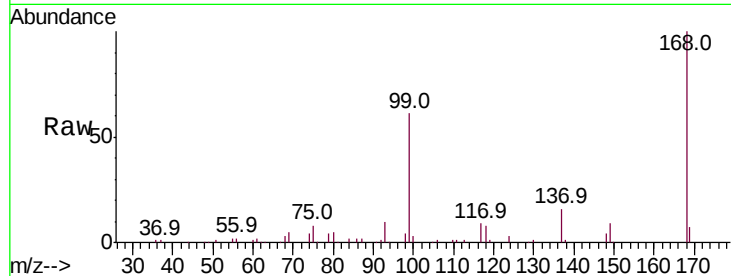
GIS-5-4FT

Tot Ion:168 Resp: 477823

Ion Ratio Lower Upper

168 100

99 61.1 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

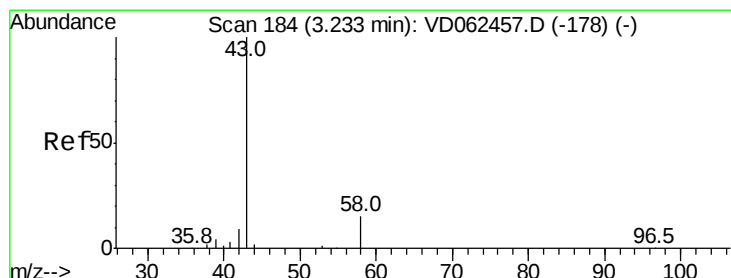
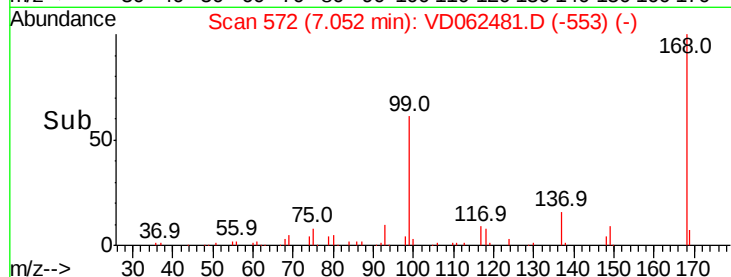
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 126.027 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062481.D

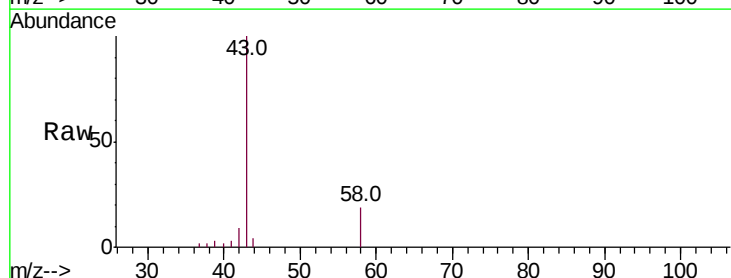
Acq: 21 May 2019 15:16

Tgt Ion: 43 Resp: 115511

Ion Ratio Lower Upper

43 100

58 19.2 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

40000

30000

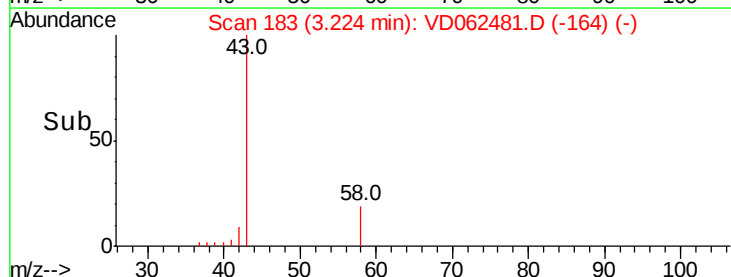
20000

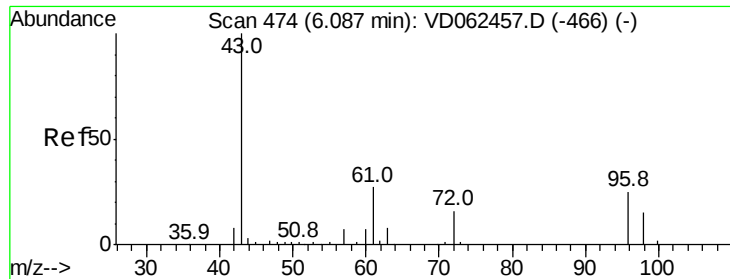
10000

0

3.10 3.20 3.30 3.40

Time-->





#25

2-Butanone

Concen: 10.182 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD062481.D

Acq: 21 May 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

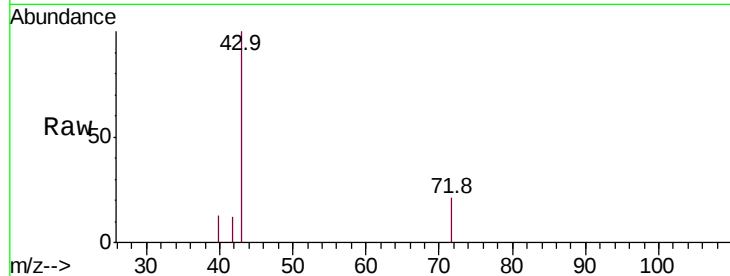
GIS-5-4FT

Tot Ion: 43 Resp: 9761

Ion Ratio Lower Upper

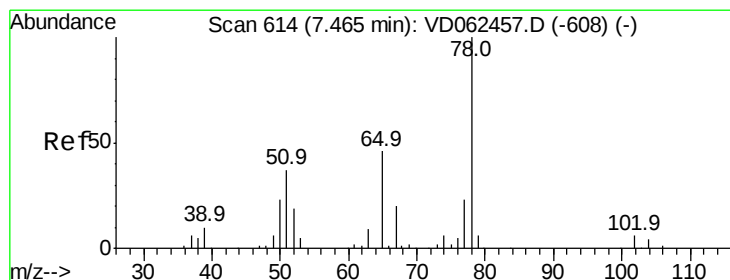
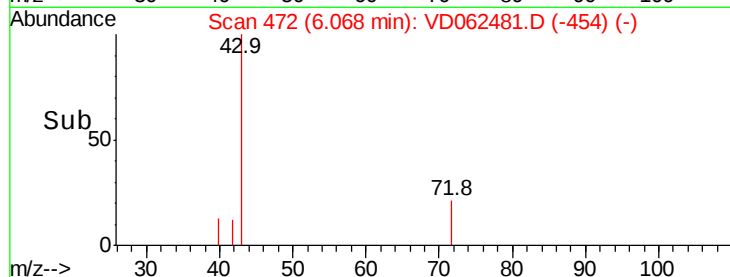
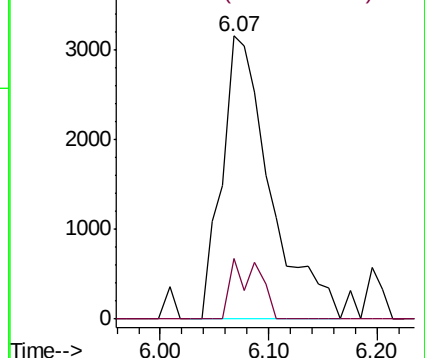
43 100

72 21.3 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 40.414 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062481.D

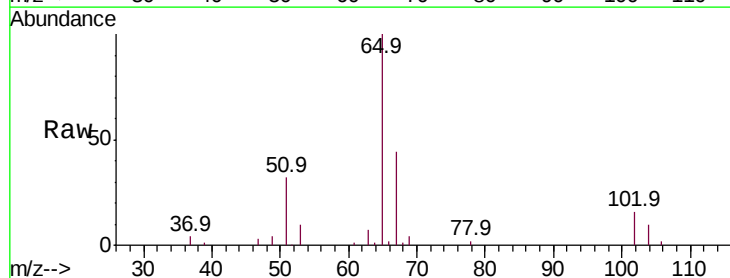
Acq: 21 May 2019 15:16

Tgt Ion: 65 Resp: 206710

Ion Ratio Lower Upper

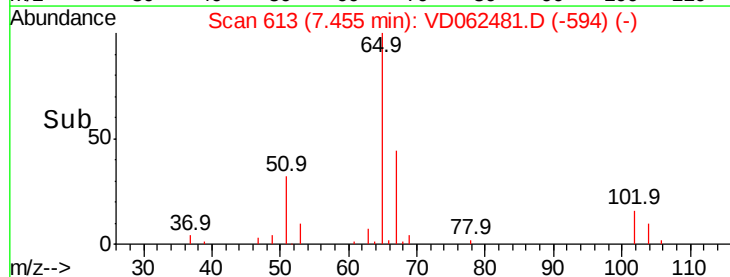
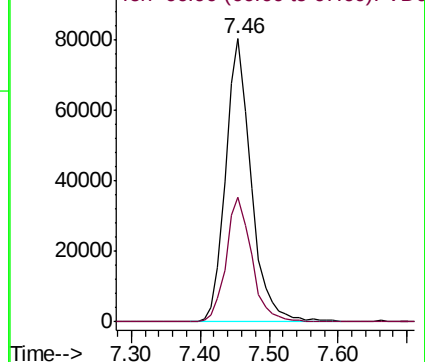
65 100

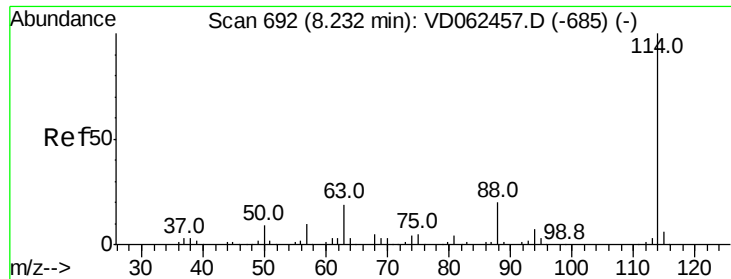
67 44.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

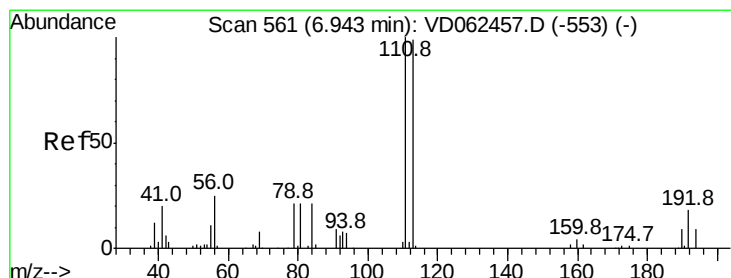
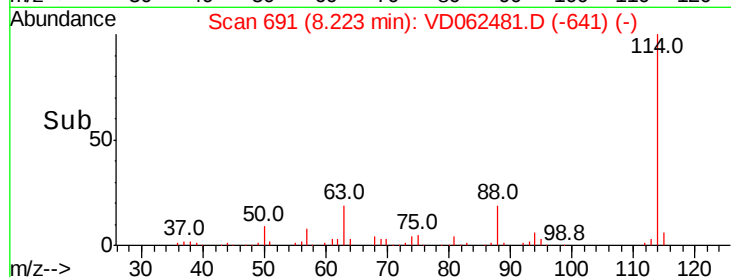
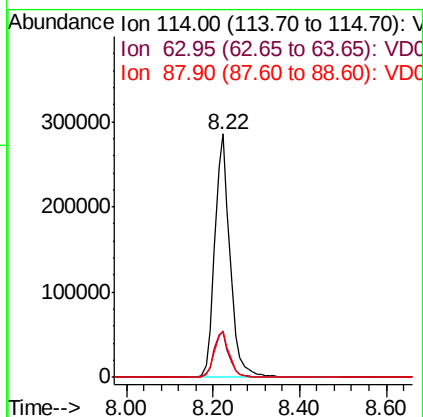
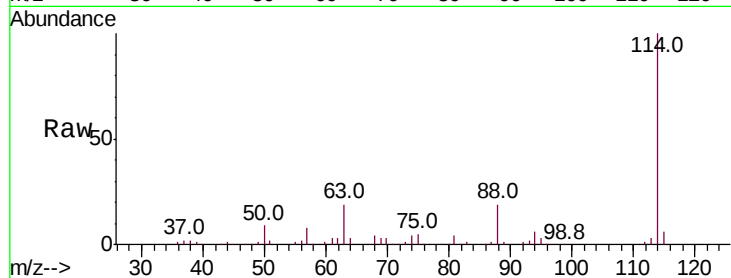




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD062481.D
 Acq: 21 May 2019 15:16

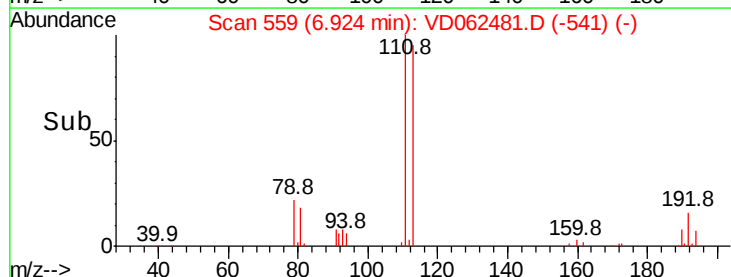
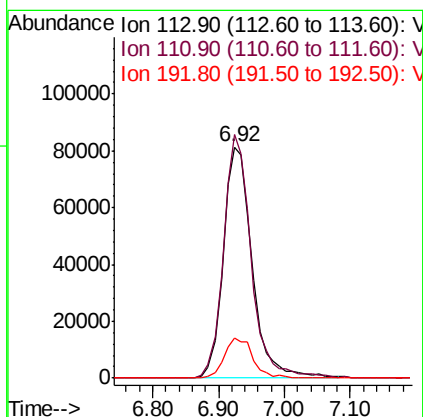
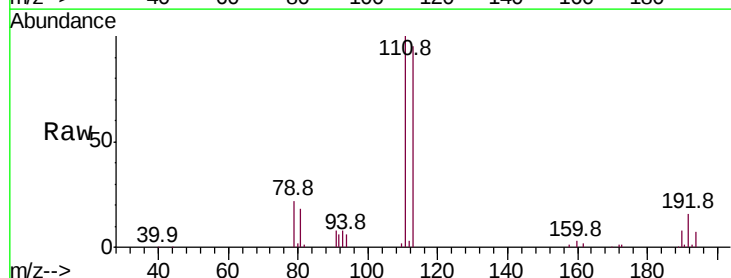
Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-5-4FT

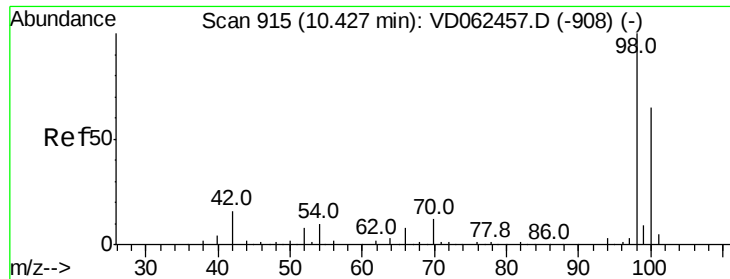
Tot Ion:114 Resp: 697141
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 32.4
 88 18.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 39.464 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD062481.D
 Acq: 21 May 2019 15:16

Tgt Ion:113 Resp: 248194
 Ion Ratio Lower Upper
 113 100
 111 105.5 78.5 117.7
 192 17.3 13.0 19.4





#50

Toluene-d8

Concen: 36.011 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062481.D

Acq: 21 May 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

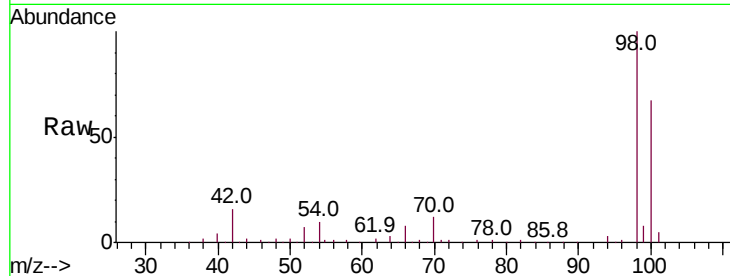
GIS-5-4FT

Tot Ion: 98 Resp: 495619

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

200000

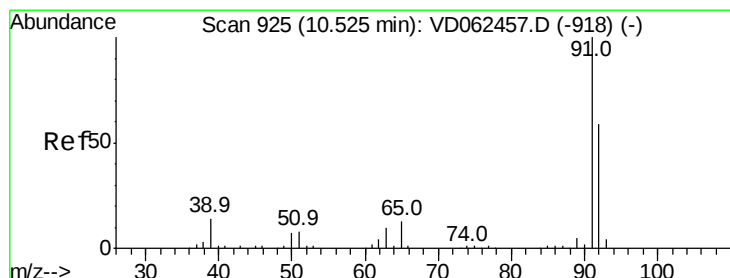
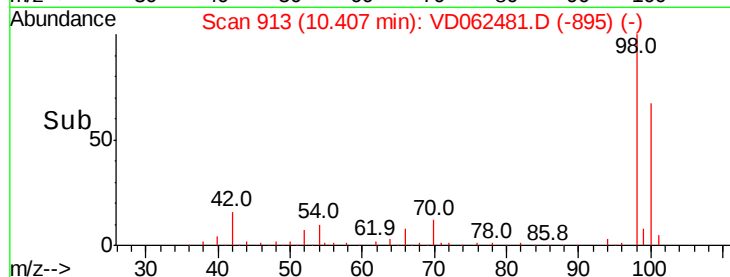
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.223 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD062481.D

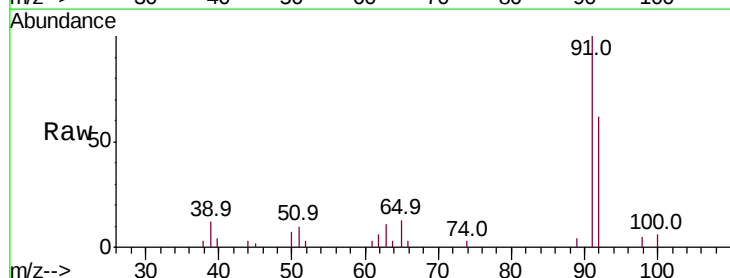
Acq: 21 May 2019 15:16

Tgt Ion: 92 Resp: 19895

Ion Ratio Lower Upper

92 100

91 160.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

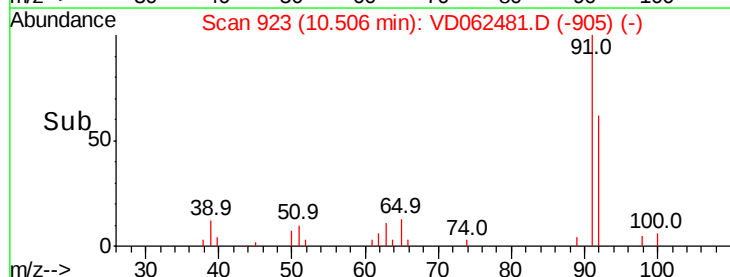
15000

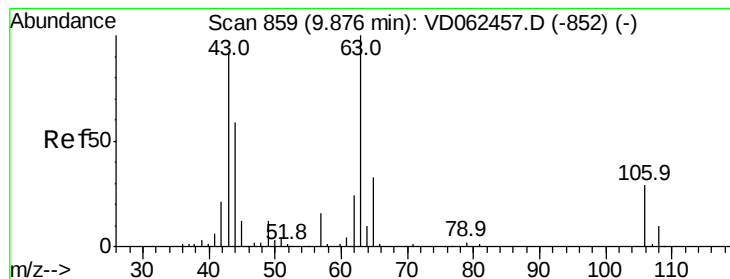
10000

5000

0

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 5.877 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.02 min

Lab File: VD062481.D

Acq: 21 May 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

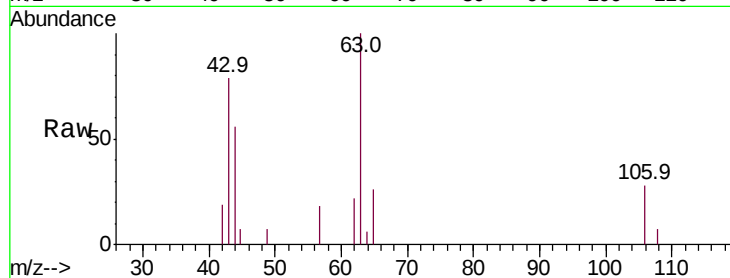
GIS-5-4FT

Tot Ion: 63 Resp: 9786

Ion Ratio Lower Upper

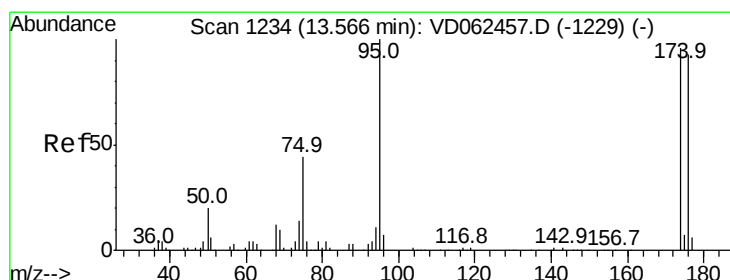
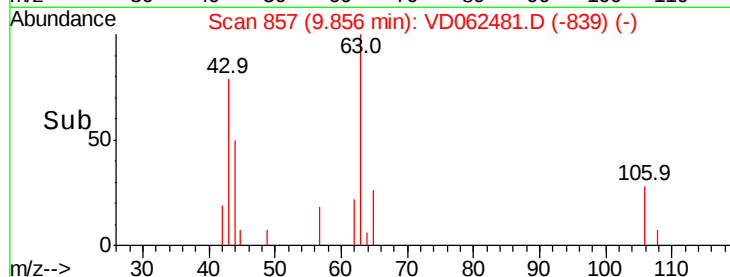
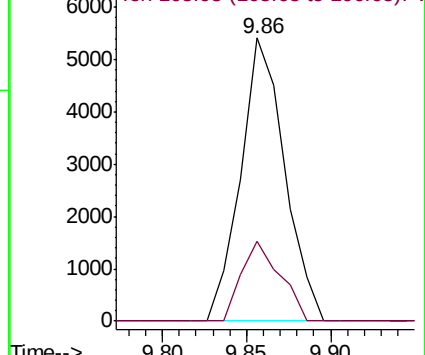
63 100

106 28.4 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V



#62

4-Bromofluorobenzene

Concen: 38.145 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062481.D

Acq: 21 May 2019 15:16

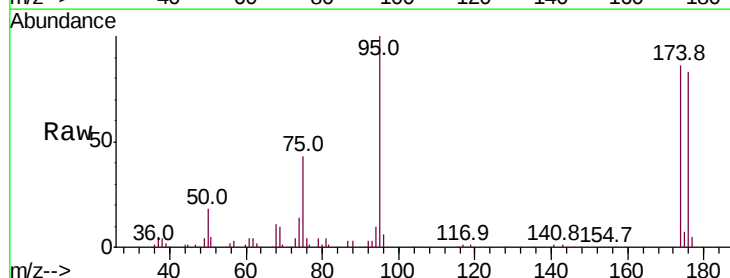
Tgt Ion: 95 Resp: 229648

Ion Ratio Lower Upper

95 100

174 86.4 0.0 181.8

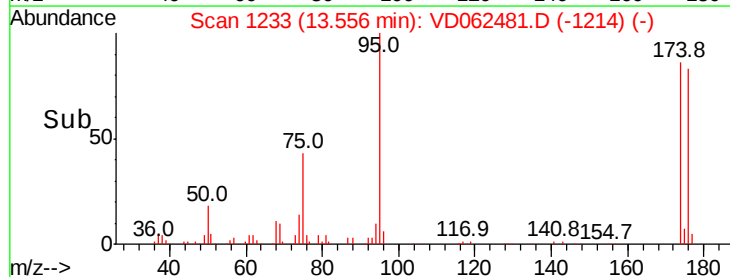
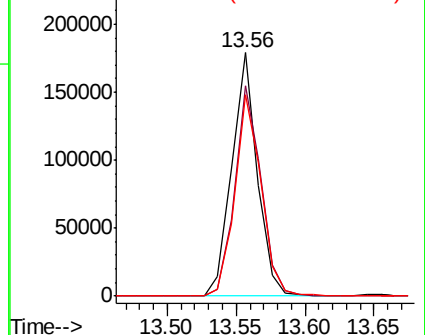
176 82.9 0.0 174.4

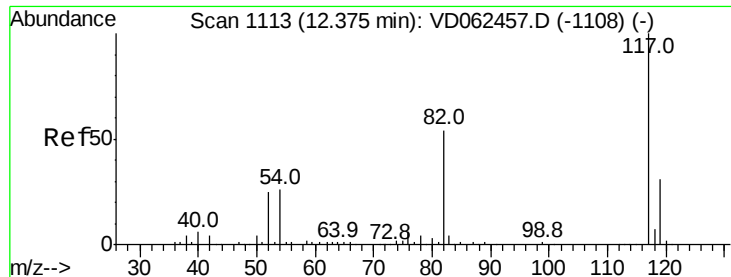


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

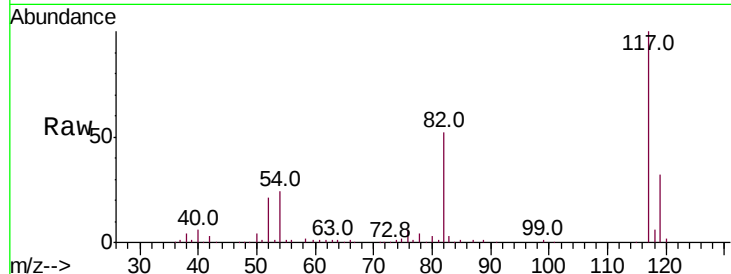




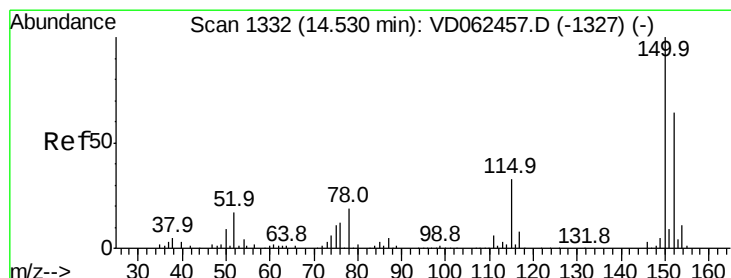
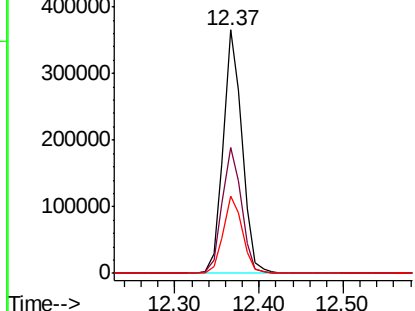
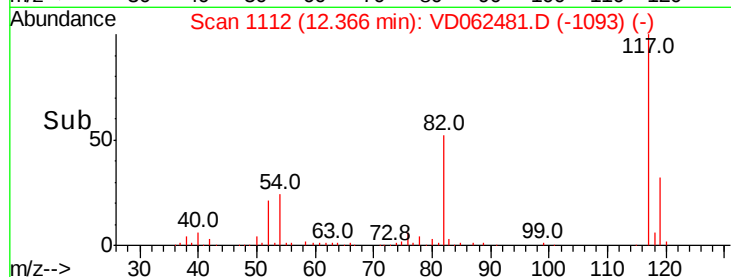
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :
GIS-5-4FT

Tot Ion:117 Resp: 569181
Ion Ratio Lower Upper
117 100
82 51.6 36.2 54.2
119 31.5 26.2 39.4

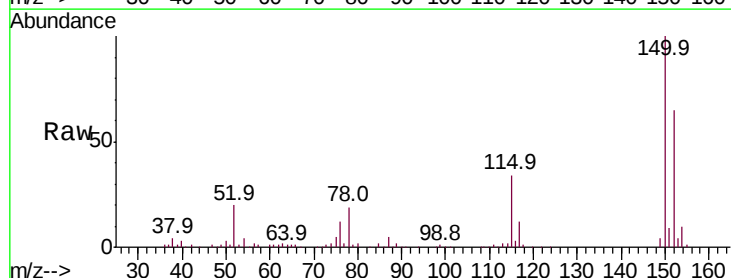


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion:152 Resp: 307045
Ion Ratio Lower Upper
152 100
115 52.4 30.9 92.7
150 153.6 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

