

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062447.D
 Acq On : 17 May 2019 19:08
 Operator : FY/SY
 Sample : K2905-06
 Misc : 4.33g/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-1-4FT

Quant Time: May 18 00:59:36 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

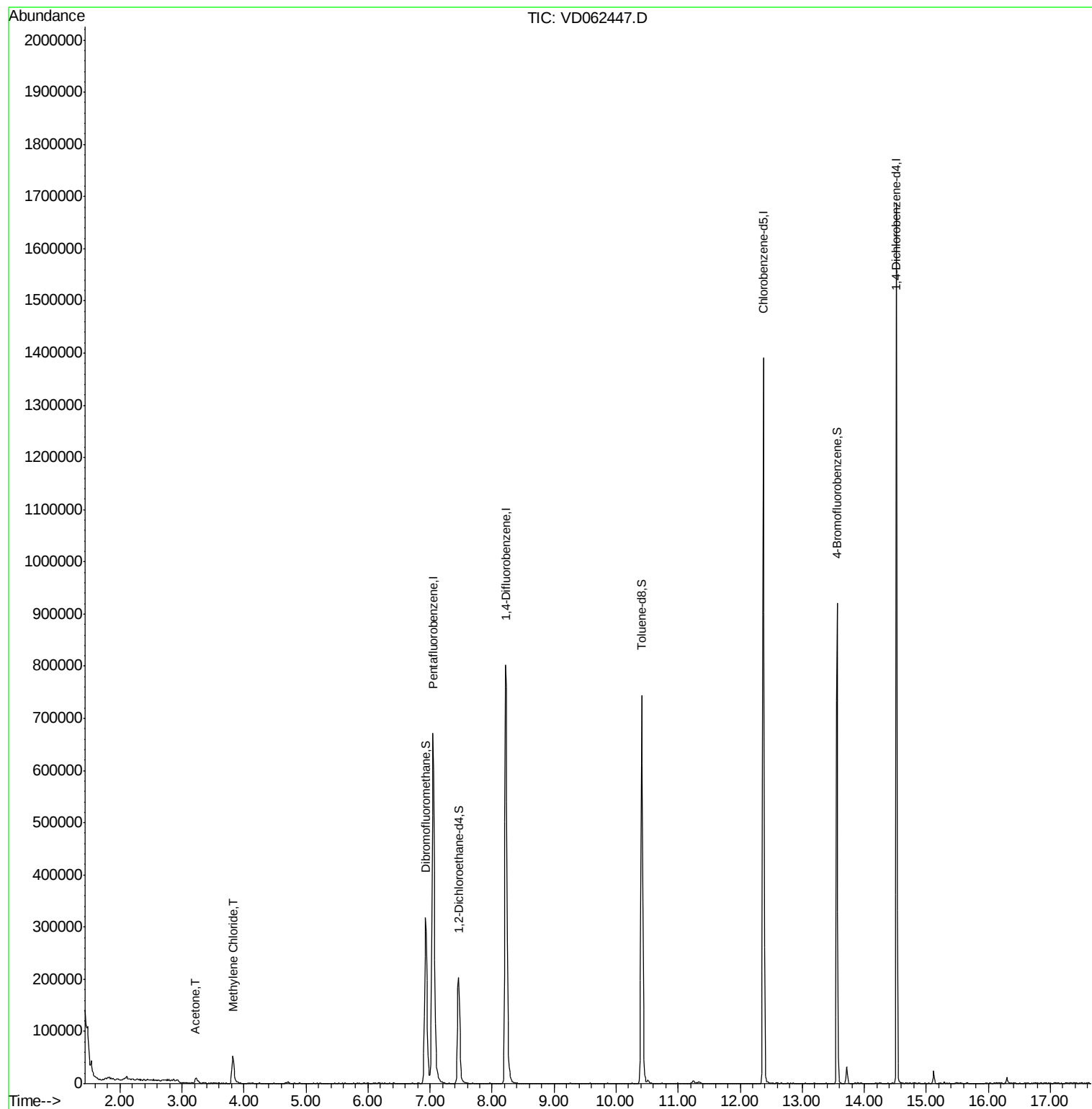
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	625741	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	882319	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	741420	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	408144	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220925	37.99	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.98%	
35) Dibromofluoromethane	6.93	113	276583	37.78	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.56%	
50) Toluene-d8	10.41	98	583921	33.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.16%	
62) 4-Bromofluorobenzene	13.56	95	263903	37.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
16) Acetone	3.22	43	19206	15.749	ug/l #	85
20) Methylene Chloride	3.82	84	33882	6.654	ug/l	97

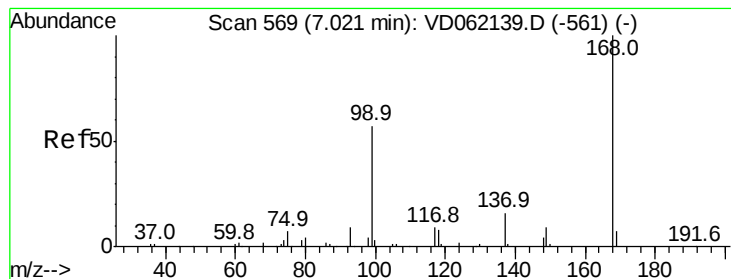
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

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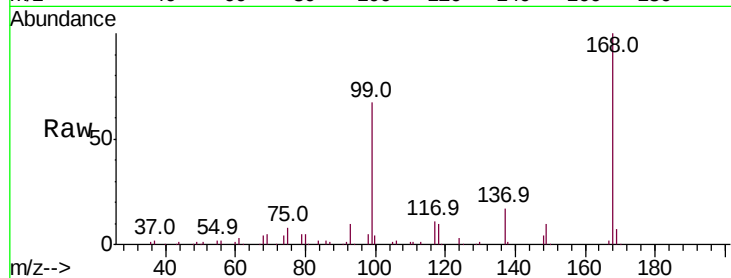
GIS-1-4FT

Tot Ion:168 Resp: 625741

Ion Ratio Lower Upper

168 100

99 66.5 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

250000

200000

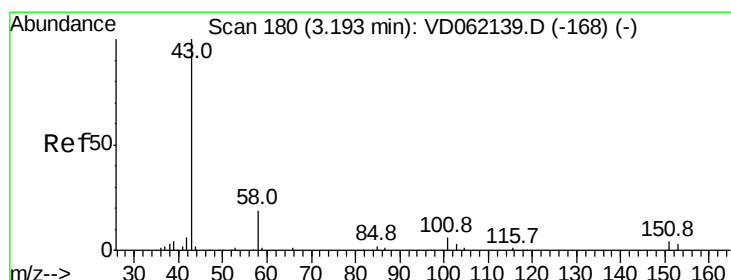
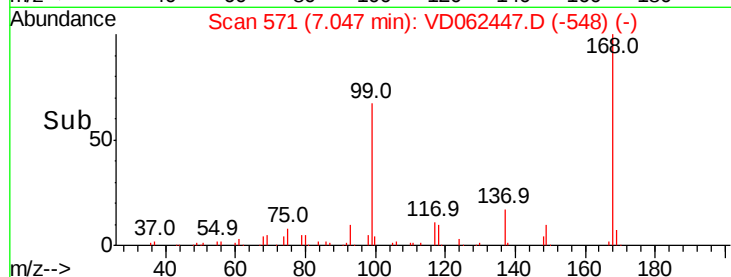
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.749 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062447.D

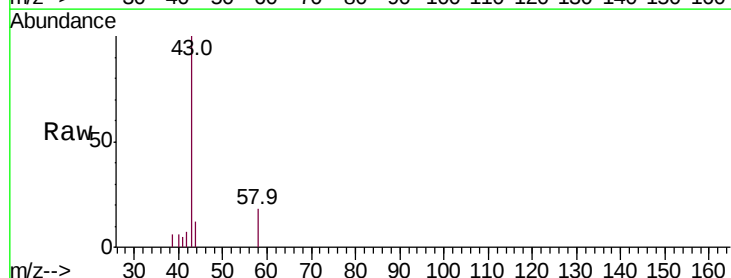
Acq: 17 May 2019 19:08

Tgt Ion: 43 Resp: 19206

Ion Ratio Lower Upper

43 100

58 17.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

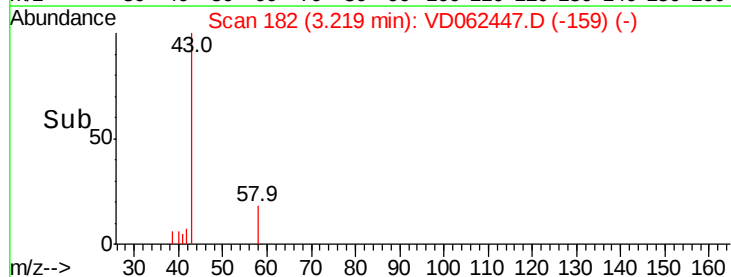
6000

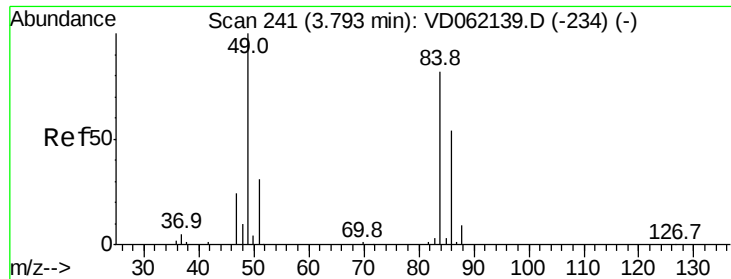
4000

2000

0

Time-->



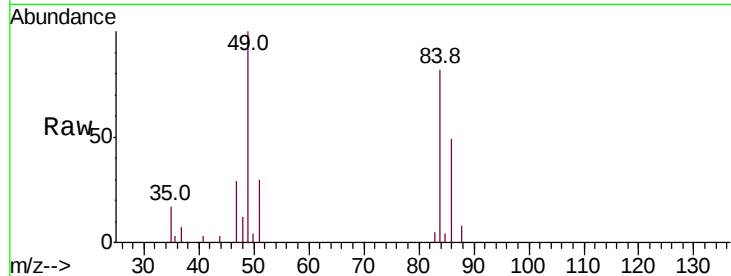


#20
Methylene Chloride
Concen: 6.654 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.03 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

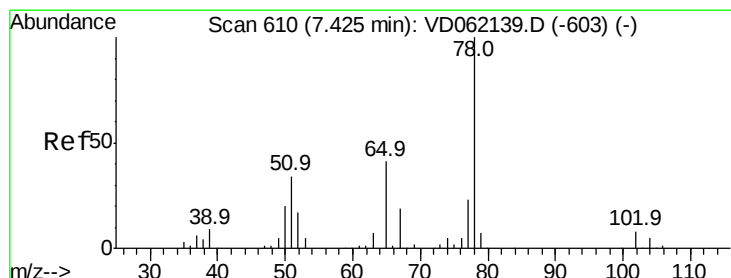
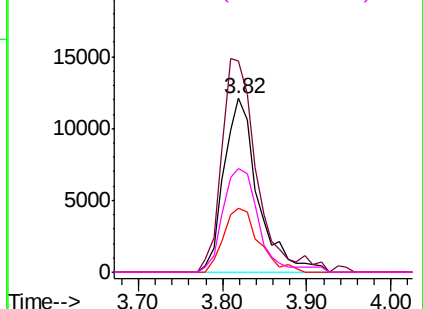
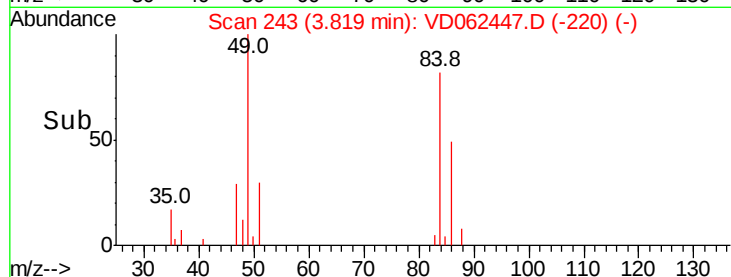
Instrument :
MSVOA_D
ClientSampleId :
GIS-1-4FT

Tot Ion: 84 Resp: 33882

Ion	Ratio	Lower	Upper
84	100		
49	121.7	94.0	141.0
51	36.6	29.0	43.4
86	59.7	49.8	74.6



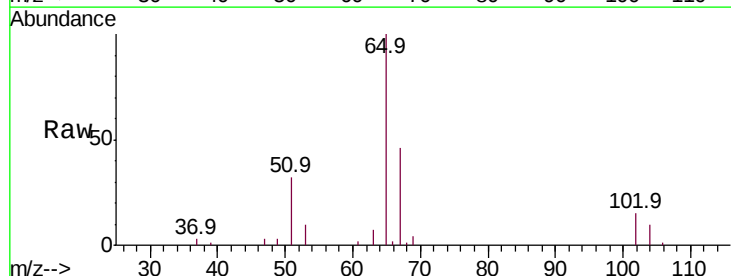
Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



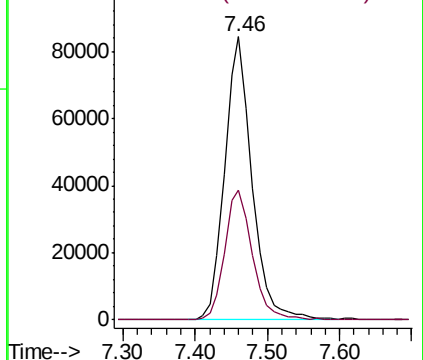
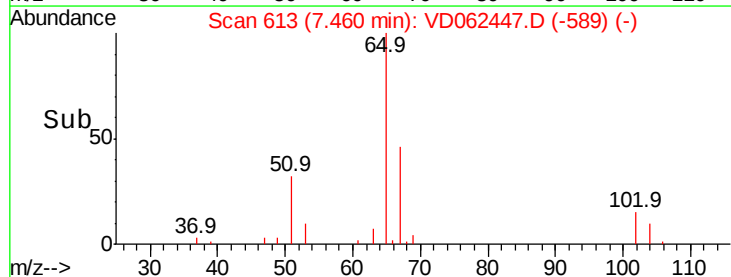
#33
1,2-Dichloroethane-d4
Concen: 37.992 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.04 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

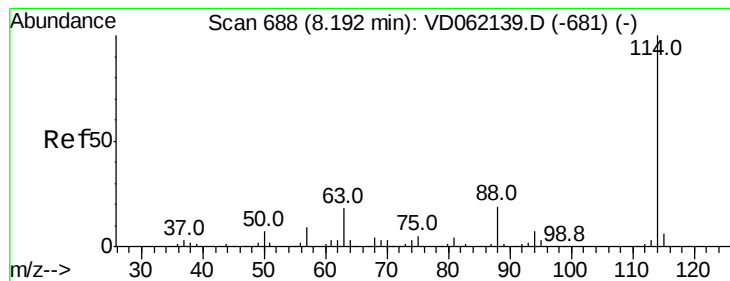
Tgt Ion: 65 Resp: 220925

Ion	Ratio	Lower	Upper
65	100		
67	45.8	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# 690

Delta R.T. 0.03 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

GIS-1-4FT

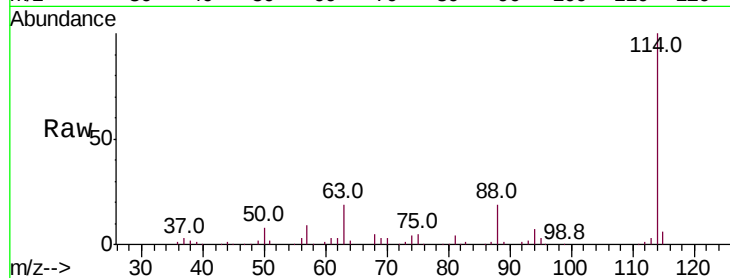
Tot Ion:114 Resp: 882319

Ion Ratio Lower Upper

114 100

63 18.8 0.0 32.4

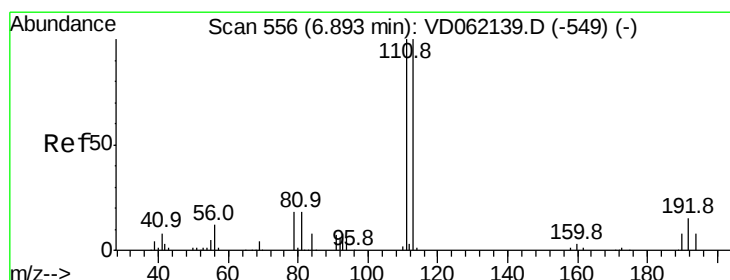
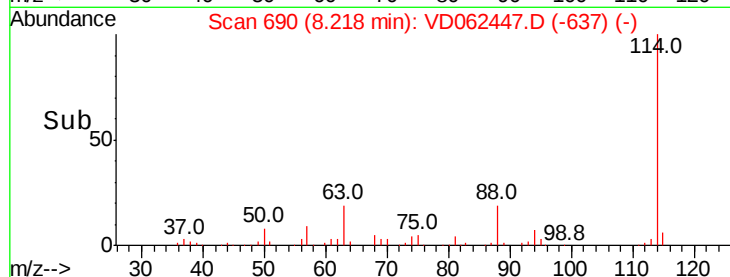
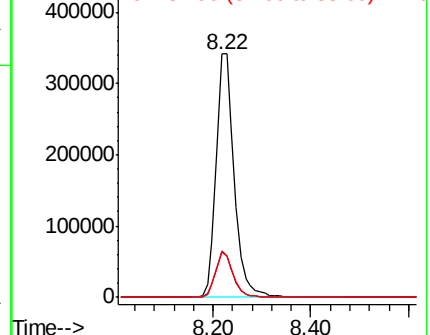
88 19.3 0.0 33.6



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: 37.781 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

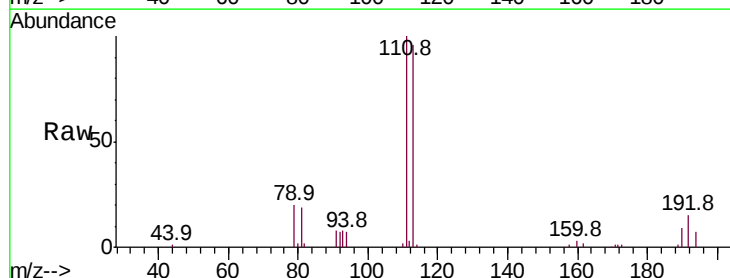
Tgt Ion:113 Resp: 276583

Ion Ratio Lower Upper

113 100

111 104.5 78.5 117.7

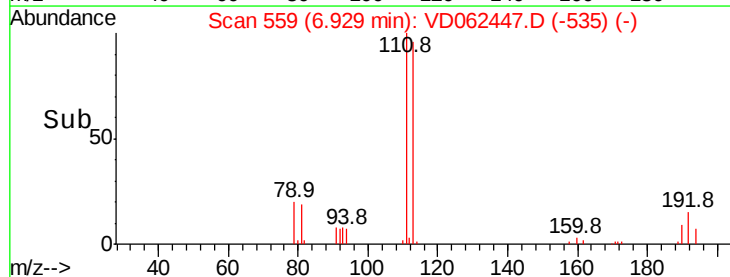
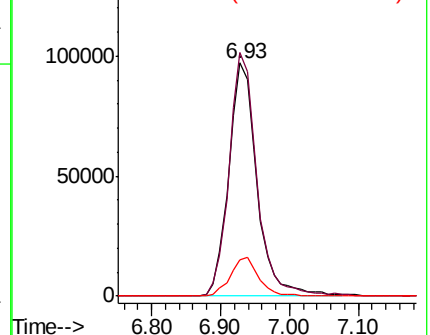
192 15.8 13.0 19.4

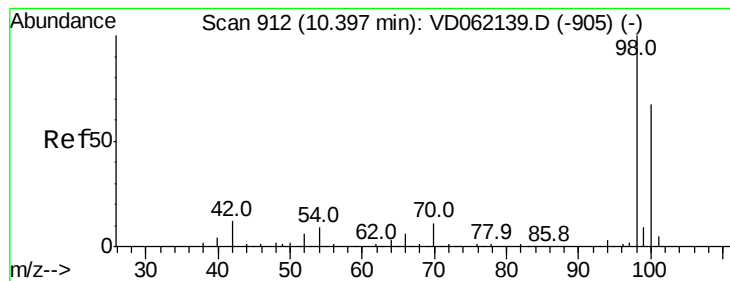


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 33.082 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

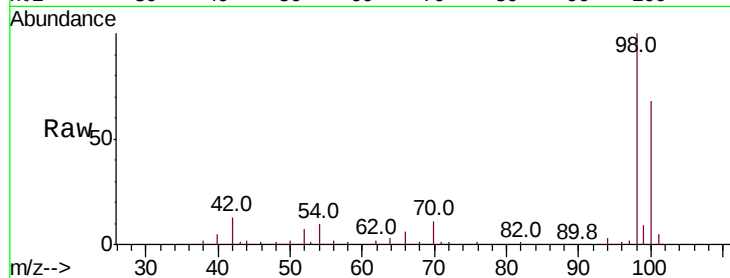
GIS-1-4FT

Tot Ion: 98 Resp: 583921

Ion Ratio Lower Upper

98 100

100 67.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

300000

250000

200000

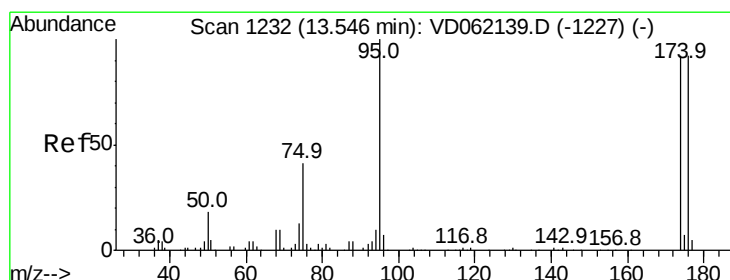
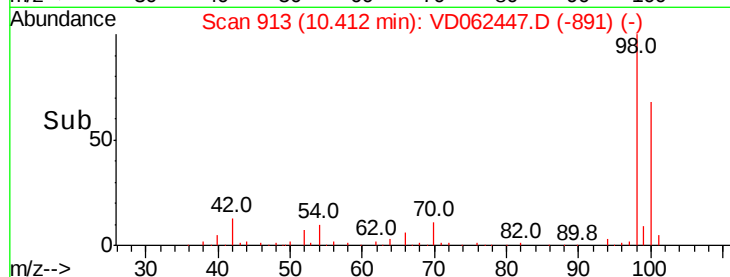
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.233 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062447.D

Acq: 17 May 2019 19:08

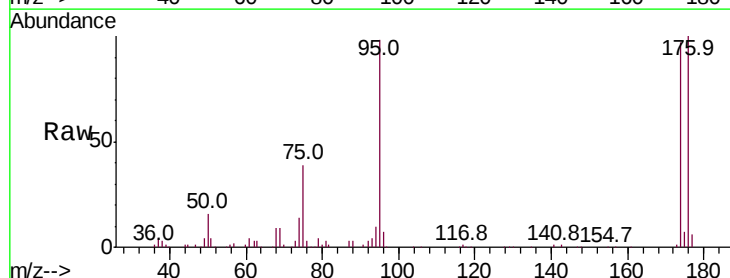
Tgt Ion: 95 Resp: 263903

Ion Ratio Lower Upper

95 100

174 99.6 0.0 181.8

176 102.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

250000

200000

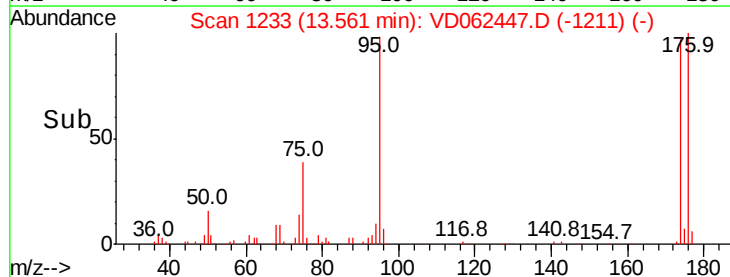
150000

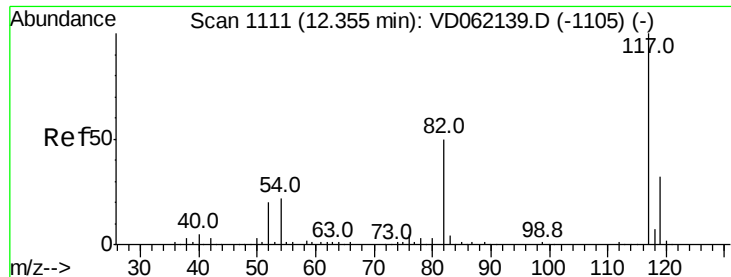
100000

50000

0

Time-->

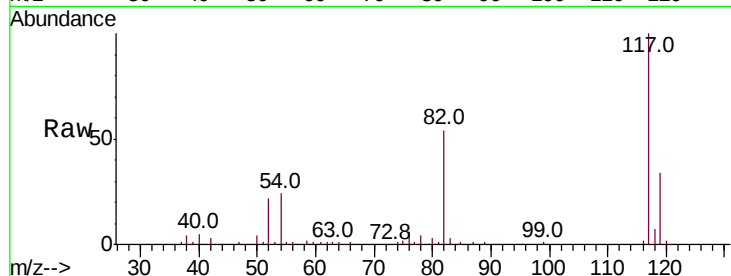




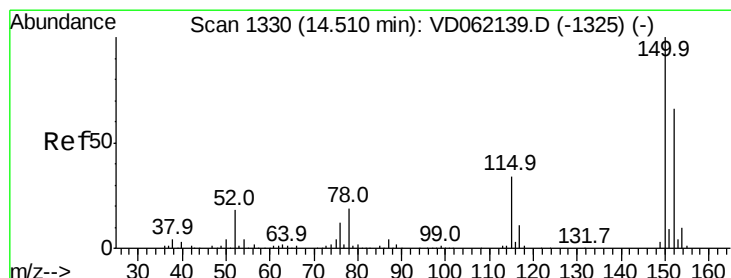
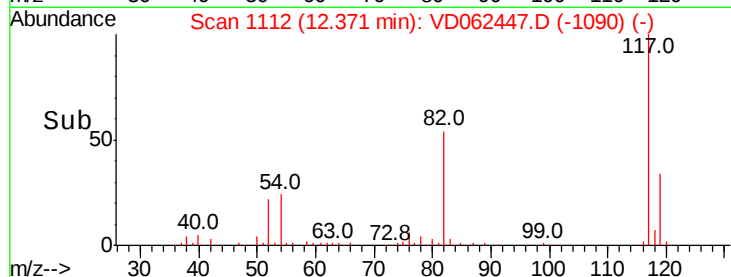
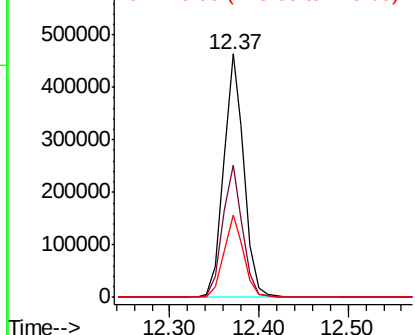
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

Instrument :
MSVOA_D
ClientSampleId :
GIS-1-4FT

Tot Ion:117 Resp: 741420
Ion Ratio Lower Upper
117 100
82 54.2 36.2 54.2
119 33.7 26.2 39.4

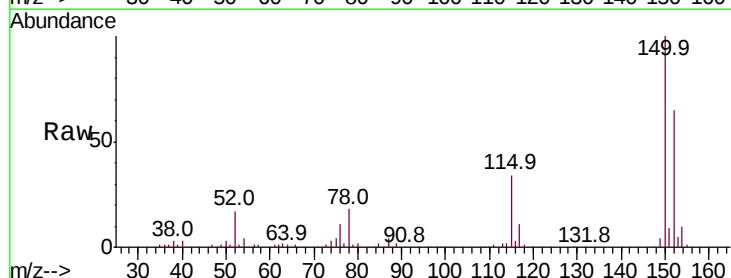


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062447.D
Acq: 17 May 2019 19:08

Tgt Ion:152 Resp: 408144
Ion Ratio Lower Upper
152 100
115 51.9 30.9 92.7
150 153.0 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

