

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062448.D
 Acq On : 17 May 2019 19:38
 Operator : FY/SY
 Sample : K2905-10
 Misc : 6.17g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-2-4-FT

Quant Time: May 18 01:00:59 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

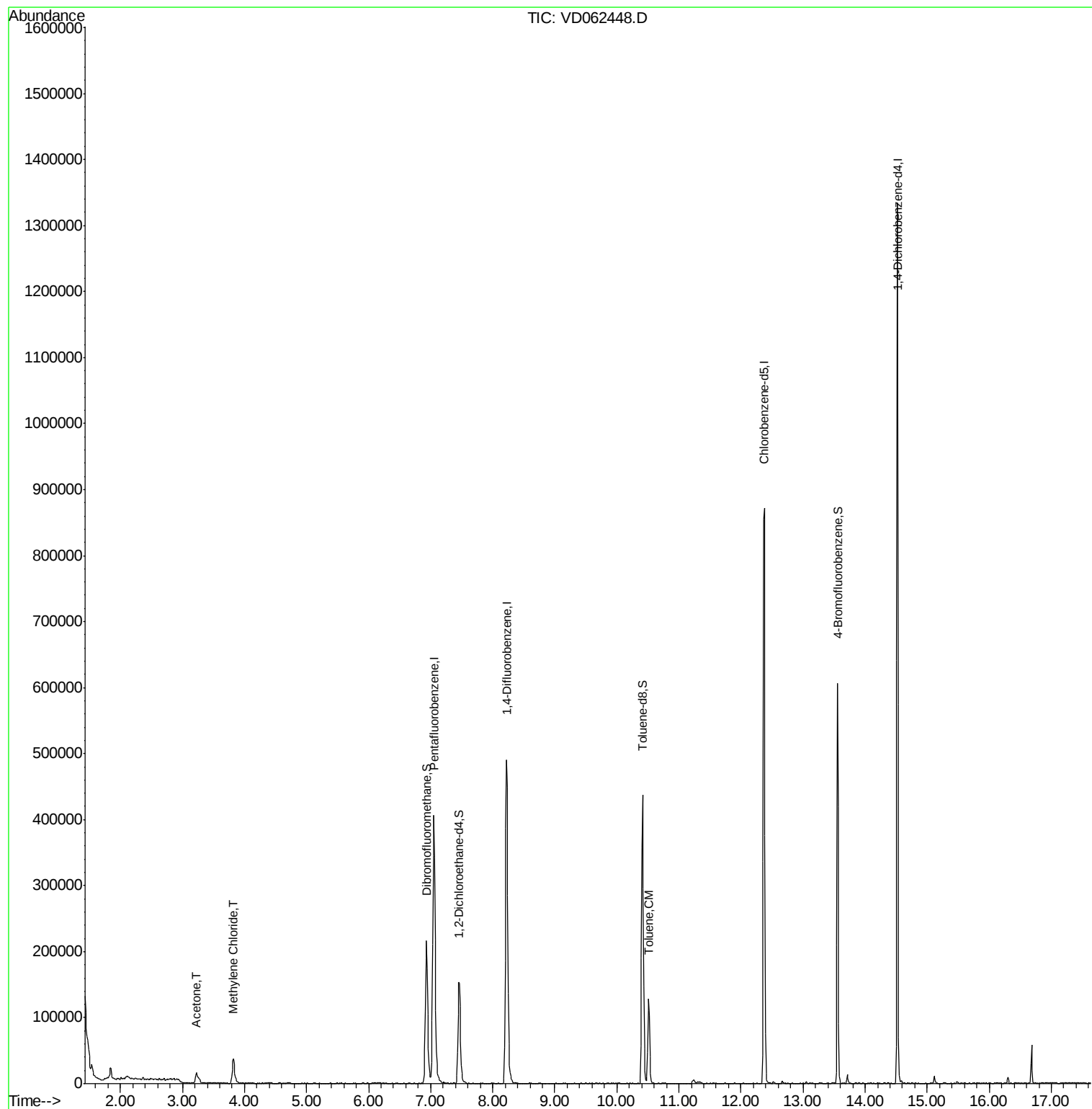
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	386879	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	551031	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	512163	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	275355	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	168707	46.92	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	6.93	113	181936	39.79	ug/l	0.04
Spiked Amount 50.000			Recovery	=	79.58%	
50) Toluene-d8	10.42	98	346525	31.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.88%	
62) 4-Bromofluorobenzene	13.56	95	164295	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	3.22	43	30934	41.028	ug/l #	84
20) Methylene Chloride	3.82	84	25153	7.990	ug/l	96
52) Toluene	10.51	92	64778	9.759	ug/l	94

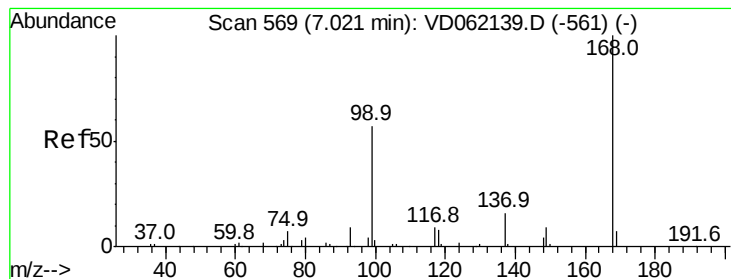
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
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# 572

Delta R.T. 0.03 min

Lab File: VD062448.D

Acq: 17 May 2019 19:38

Instrument :

MSVOA_D

ClientSampleId :

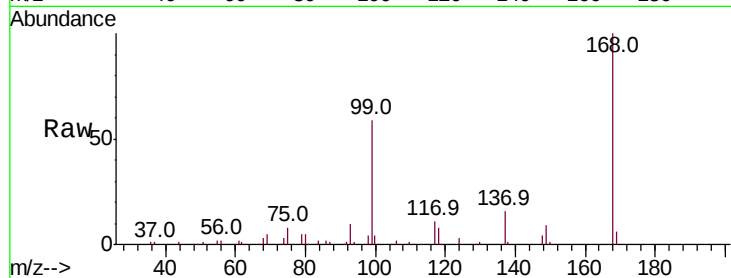
GIS-2-4-FT

Tot Ion:168 Resp: 386879

Ion Ratio Lower Upper

168 100

99 58.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

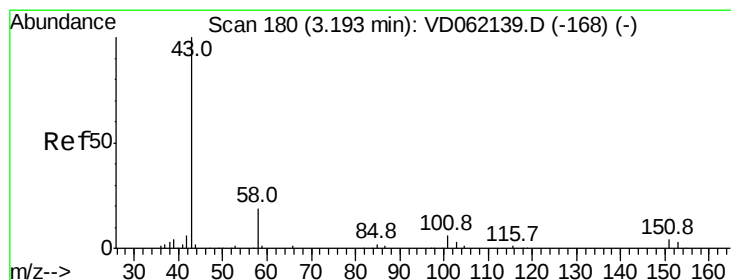
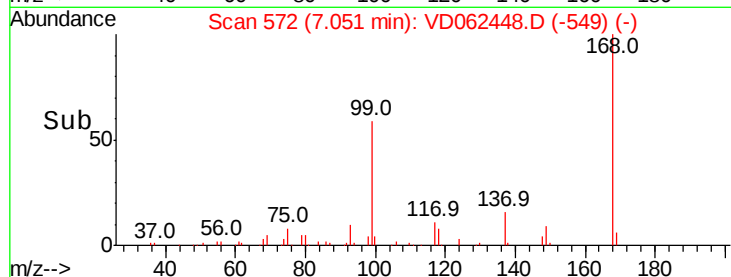
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 41.028 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062448.D

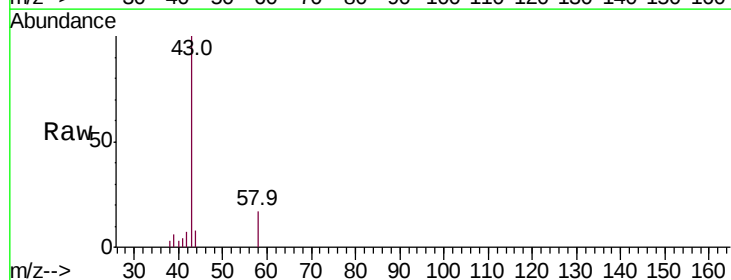
Acq: 17 May 2019 19:38

Tgt Ion: 43 Resp: 30934

Ion Ratio Lower Upper

43 100

58 17.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

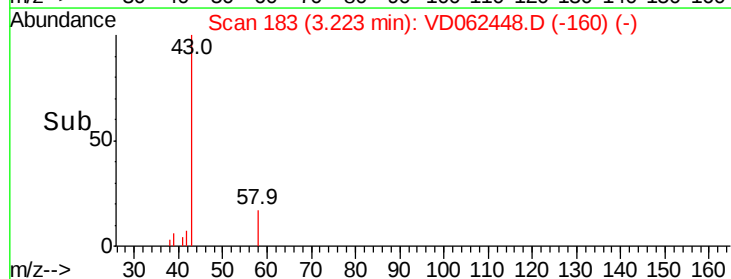
10000

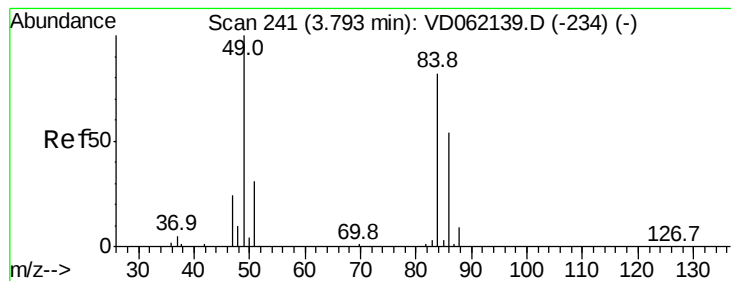
5000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 7.990 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062448.D

Acq: 17 May 2019 19:38

Instrument :

MSVOA_D

ClientSampleID :

GIS-2-4-FT

Tot Ion: 84 Resp: 25153

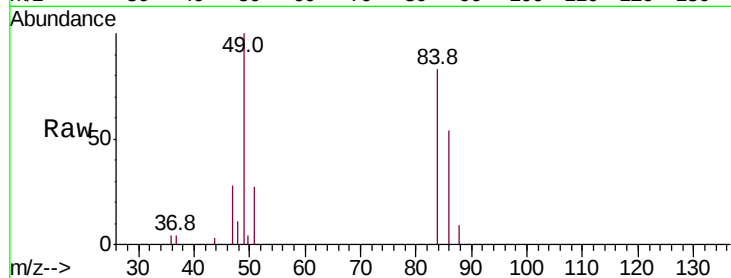
Ion Ratio Lower Upper

84 100

49 121.0 94.0 141.0

51 32.5 29.0 43.4

86 65.1 49.8 74.6

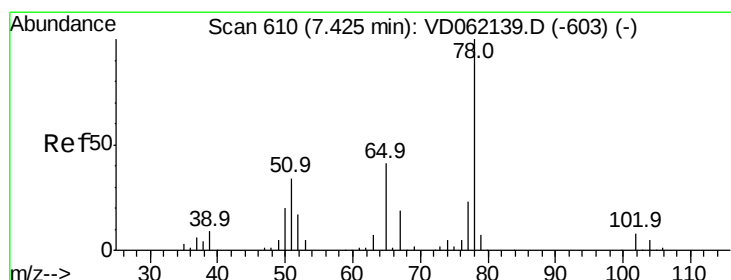
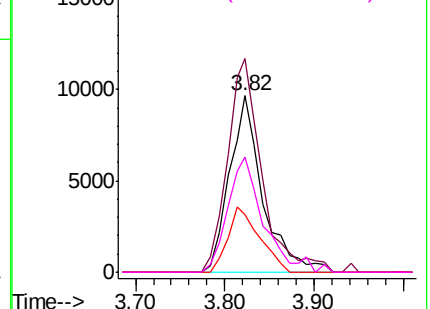
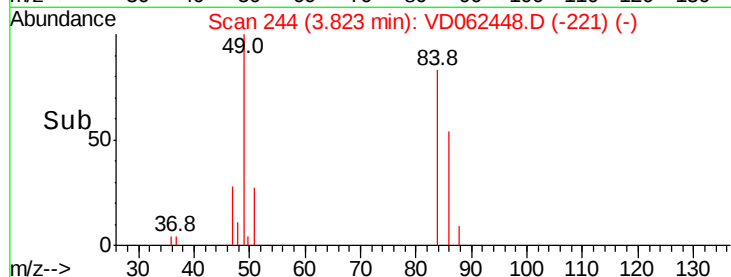


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 46.924 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062448.D

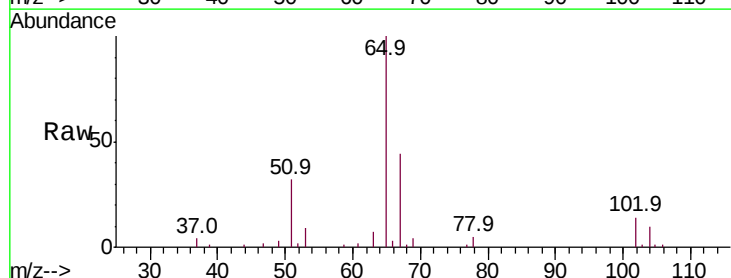
Acq: 17 May 2019 19:38

Tgt Ion: 65 Resp: 168707

Ion Ratio Lower Upper

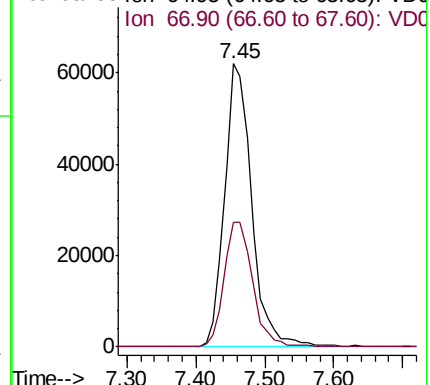
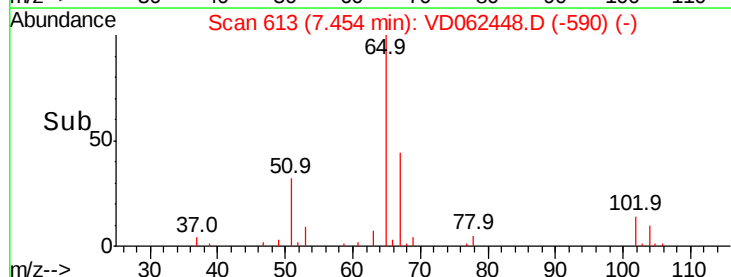
65 100

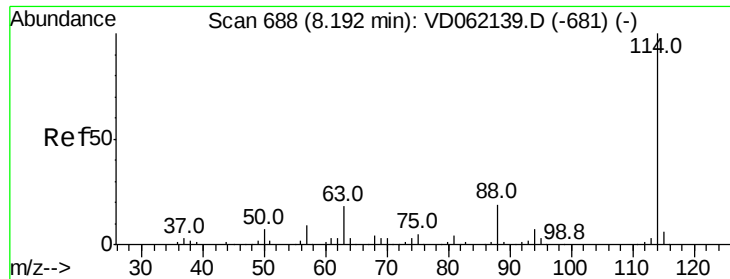
67 44.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

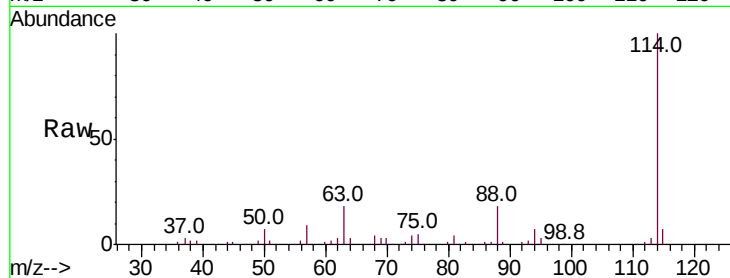




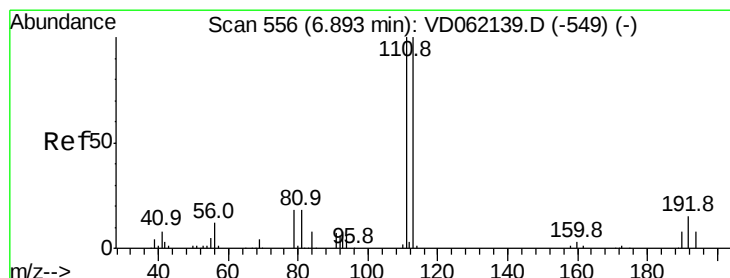
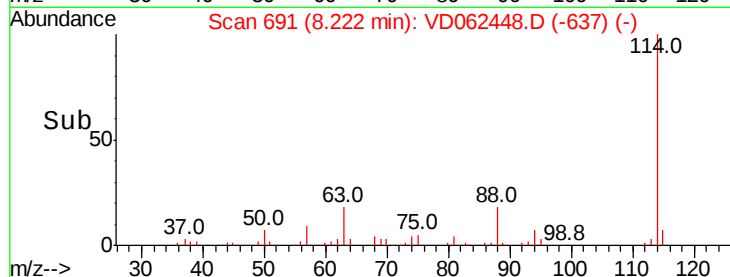
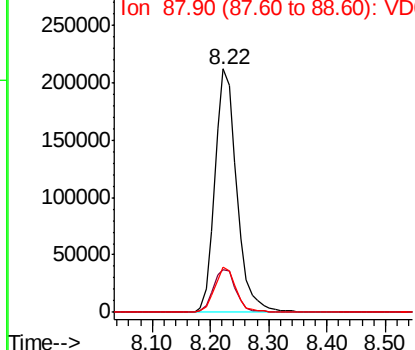
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062448.D
 Acq: 17 May 2019 19:38

Instrument :
 MSVOA_D
 ClientSampled :
 GIS-2-4-FT

Tot Ion:114 Resp: 551031
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 32.4
 88 18.5 0.0 33.6

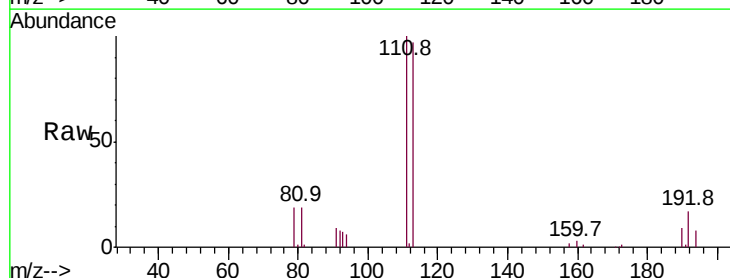


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

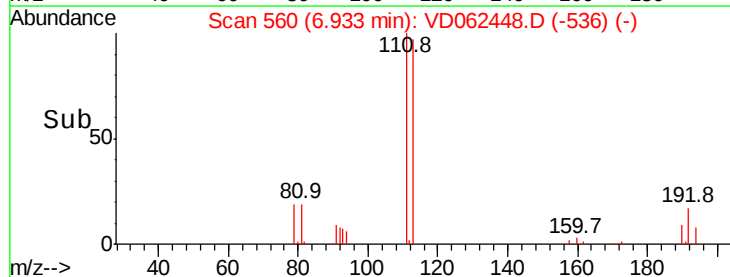
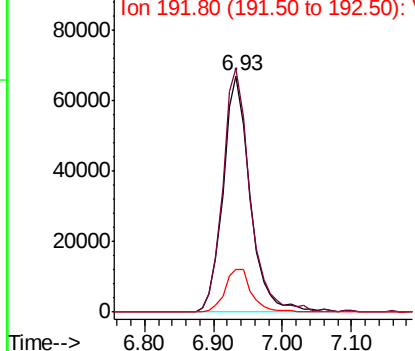


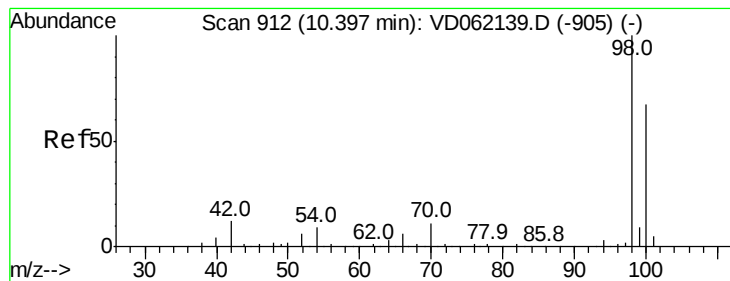
#35
 Dibromofluoromethane
 Concen: 39.794 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062448.D
 Acq: 17 May 2019 19:38

Tgt Ion:113 Resp: 181936
 Ion Ratio Lower Upper
 113 100
 111 102.9 78.5 117.7
 192 17.9 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: 31.436 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062448.D

Acq: 17 May 2019 19:38

Instrument :

MSVOA_D

ClientSampleId :

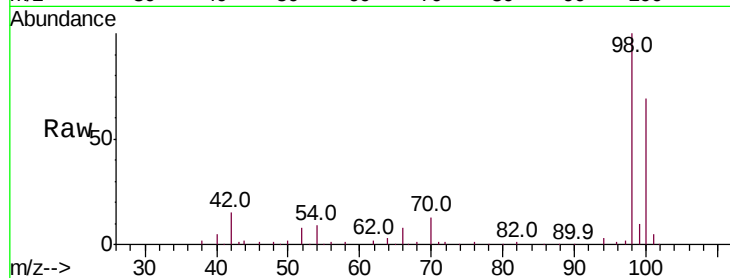
GIS-2-4-FT

Tot Ion: 98 Resp: 346525

Ion Ratio Lower Upper

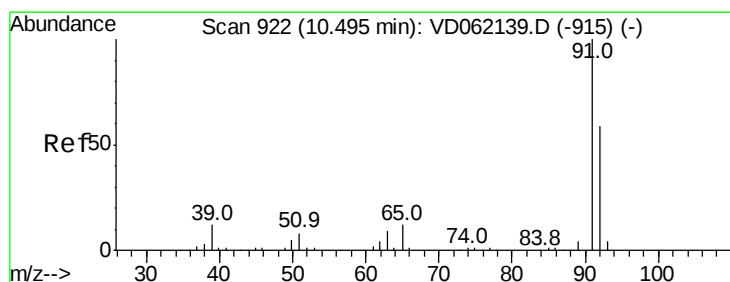
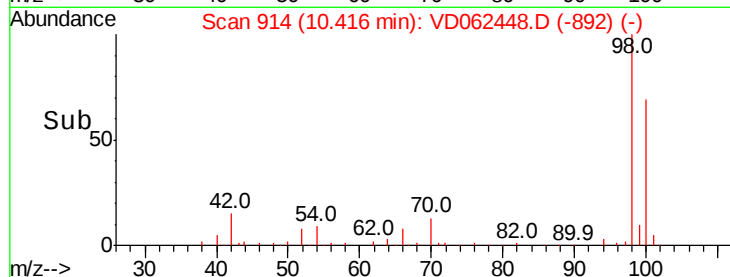
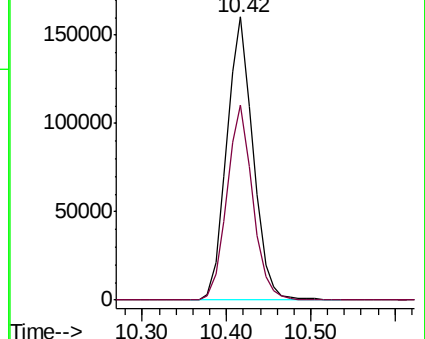
98 100

100 69.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 9.759 ug/l

RT: 10.51 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD062448.D

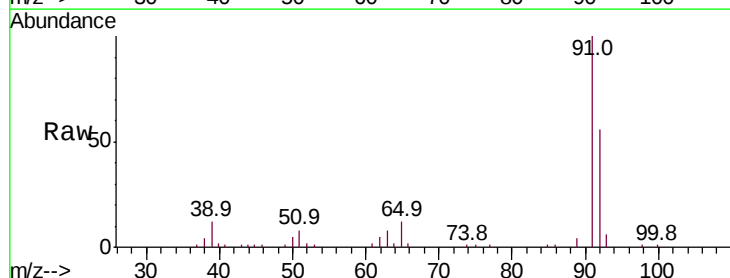
Acq: 17 May 2019 19:38

Tgt Ion: 92 Resp: 64778

Ion Ratio Lower Upper

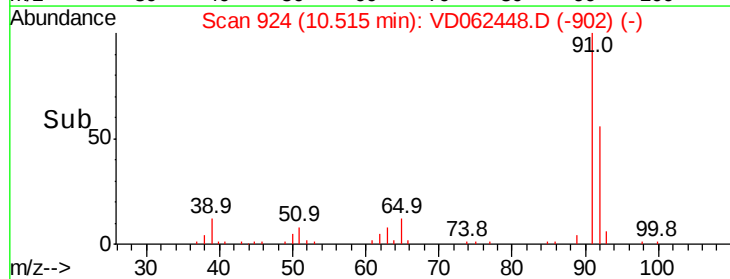
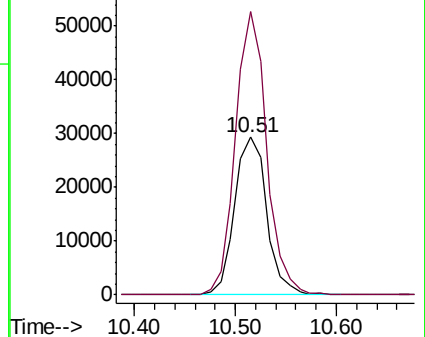
92 100

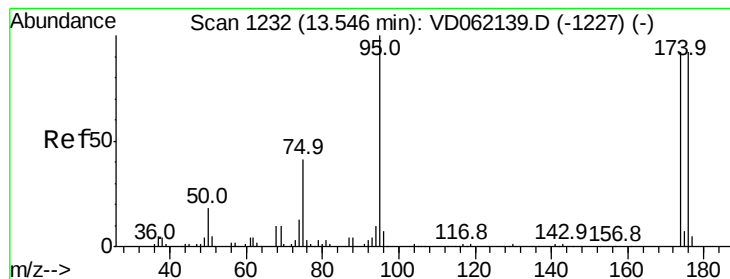
91 179.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 37.116 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062448.D

Acq: 17 May 2019 19:38

Instrument :

MSVOA_D

ClientSampleId :

GIS-2-4-FT

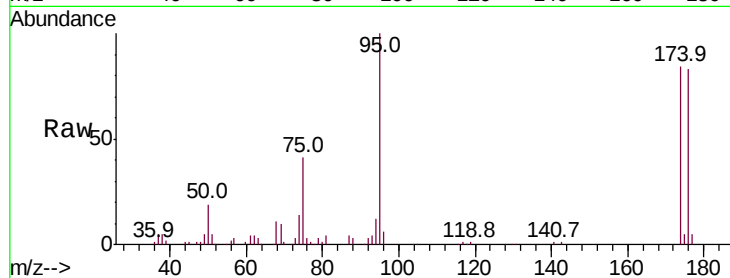
Tot Ion: 95 Resp: 164295

Ion Ratio Lower Upper

95 100

174 83.8 0.0 181.8

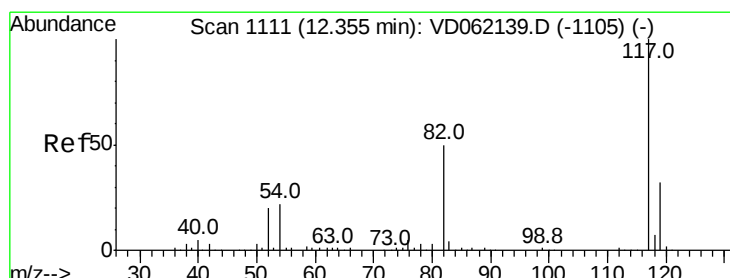
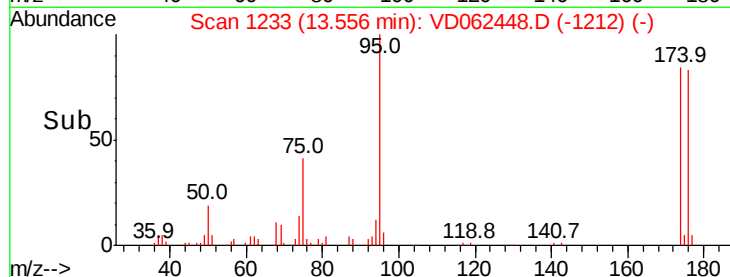
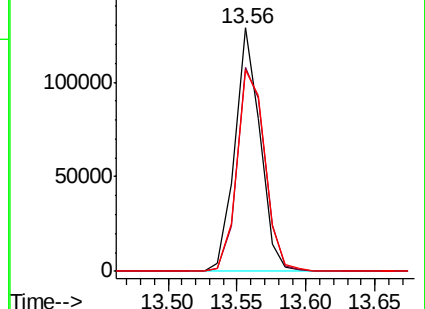
176 82.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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# 1113

Delta R.T. 0.02 min

Lab File: VD062448.D

Acq: 17 May 2019 19:38

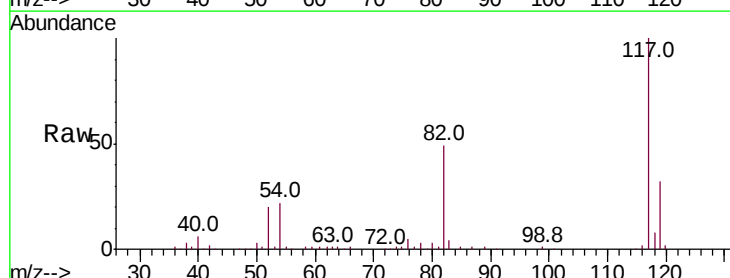
Tgt Ion: 117 Resp: 512163

Ion Ratio Lower Upper

117 100

82 49.4 36.2 54.2

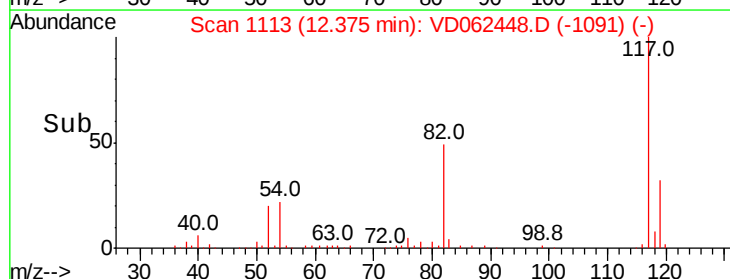
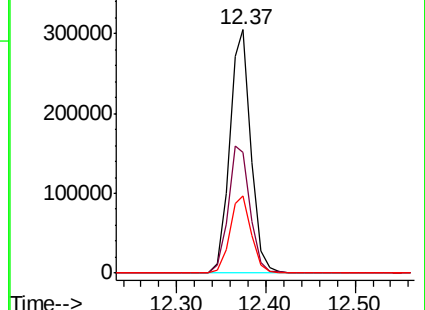
119 31.6 26.2 39.4

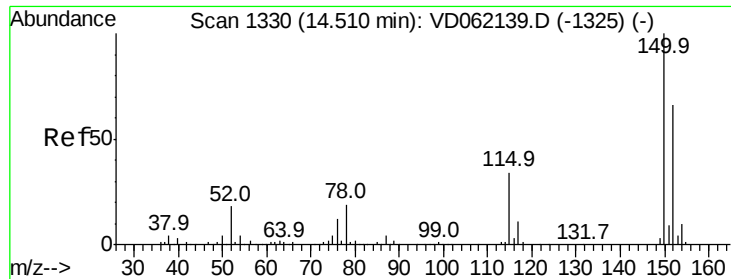


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

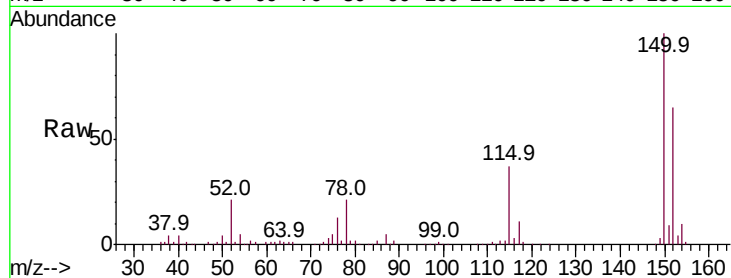




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062448.D
 Acq: 17 May 2019 19:38

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-2-4-FT

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	30.9	92.7
150	153.4	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

