

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062449.D
 Acq On : 17 May 2019 20:07
 Operator : FY/SY
 Sample : K2905-14
 Misc : 6.42g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-3-4FT

Quant Time: May 18 00:06:15 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

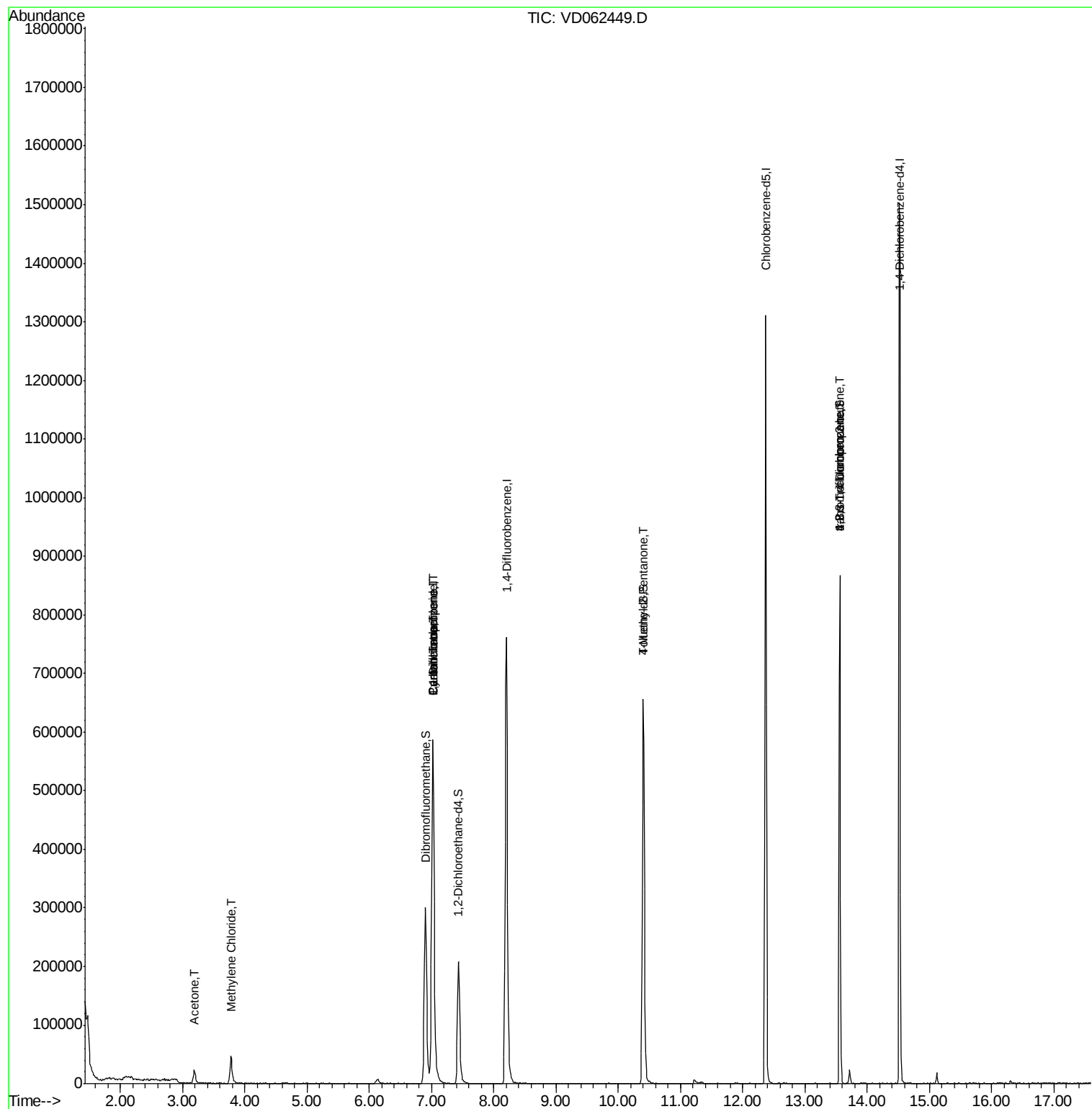
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	596522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	829997	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	733814	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	368594	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	242979	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
35) Dibromofluoromethane	6.91	113	276159	40.10	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.20%	
50) Toluene-d8	10.40	98	562413	33.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.74%	
62) 4-Bromofluorobenzene	13.56	95	253815	38.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	76.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.19	43	43313	37.257	ug/l #	80
20) Methylene Chloride	3.78	84	30047	6.190	ug/l #	81
31) Cyclohexane	7.02	56	11323	1.947	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	45167	6.637	ug/l #	48
38) Carbon Tetrachloride	7.02	117	60506	6.424	ug/l #	15
51) 4-Methyl-2-Pentanone	10.40	43	3180	1.209	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	100100	22.852	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	110203	89.116	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051719\
Data File : VD062449.D
Acq On : 17 May 2019 20:07
Operator : FY/SY
Sample : K2905-14
Misc : 6.42g/5mL/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
GIS-3-4FT

Quant Time: May 18 00:06:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
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: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

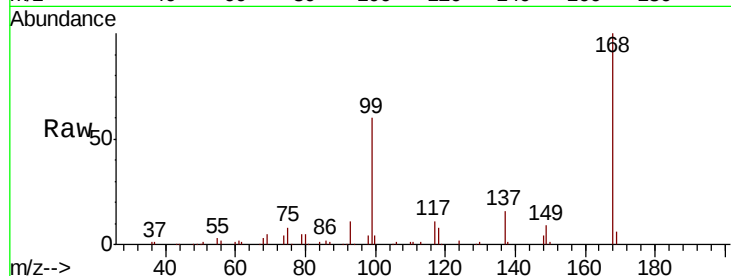
GIS-3-4FT

Tot Ion:168 Resp: 596522

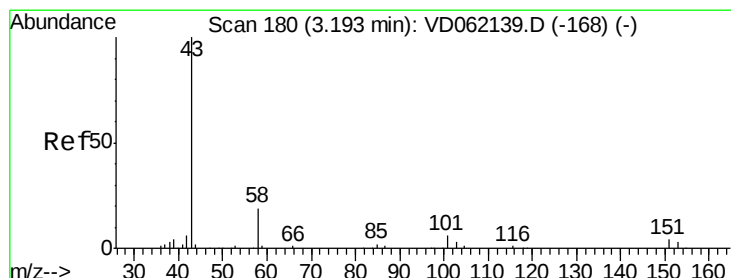
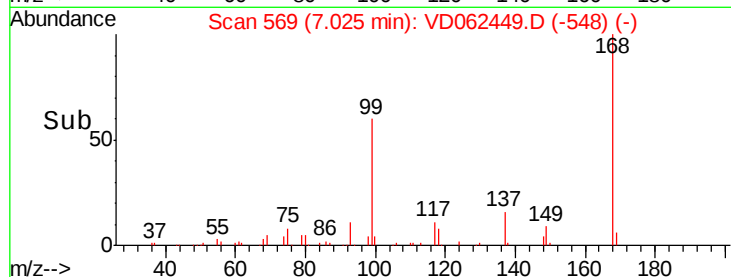
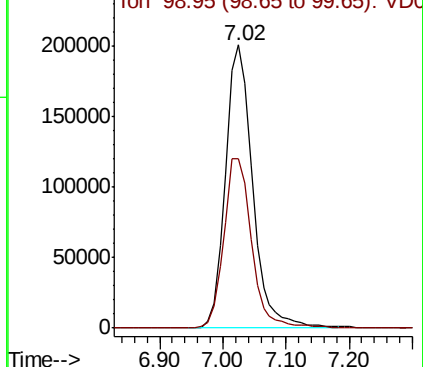
Ion Ratio Lower Upper

168 100

99 60.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 37.257 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.01 min

Lab File: VD062449.D

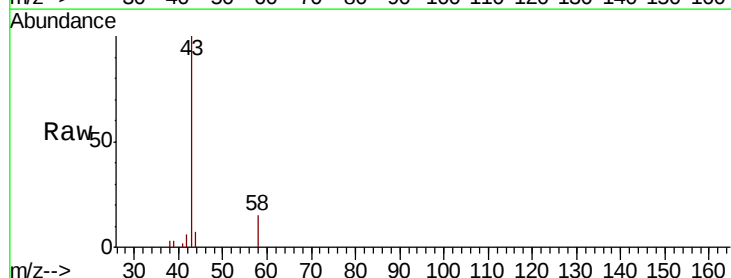
Acq: 17 May 2019 20:07

Tgt Ion: 43 Resp: 43313

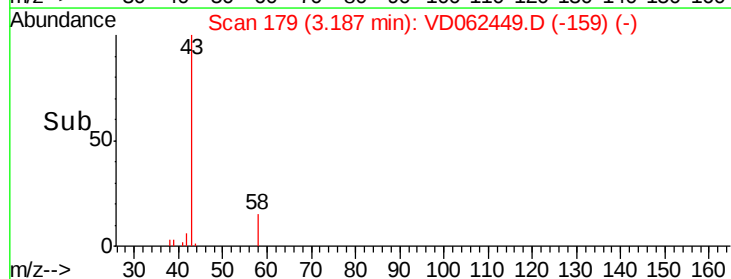
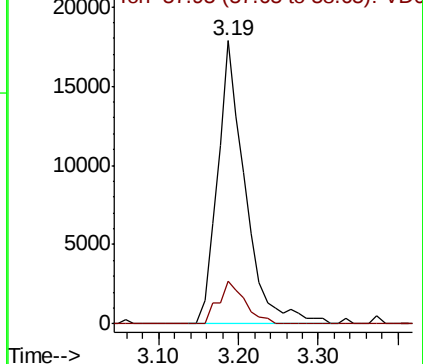
Ion Ratio Lower Upper

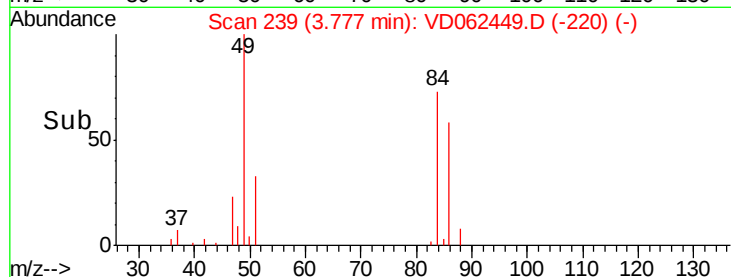
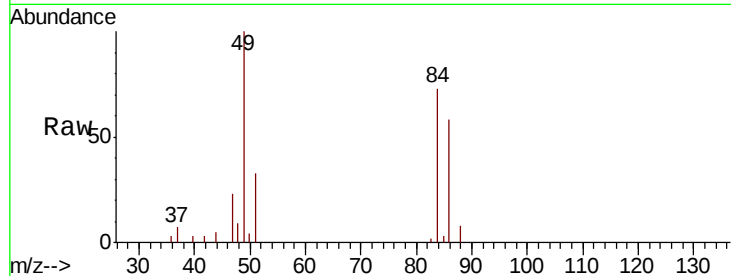
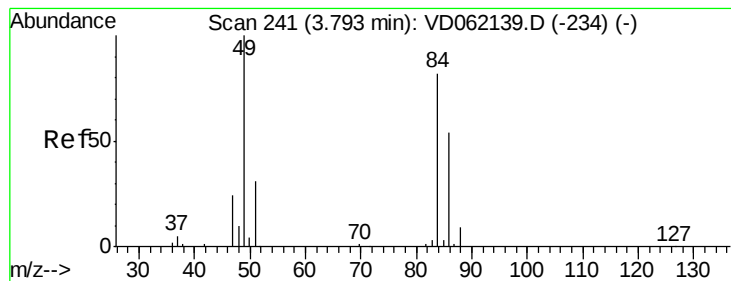
43 100

58 15.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#20

Methylene Chloride

Concen: 6.190 ug/l

RT: 3.78 min Scan# 239

Delta R.T. -0.02 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleID :

GIS-3-4FT

Tot Ion: 84 Resp: 30047

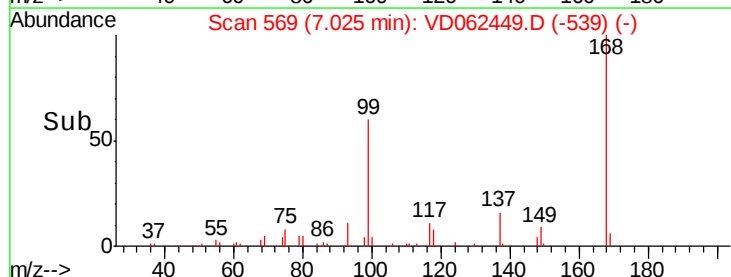
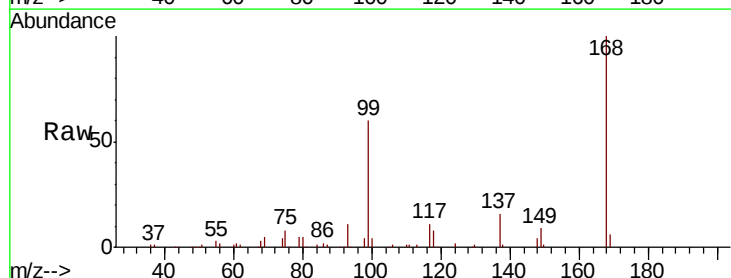
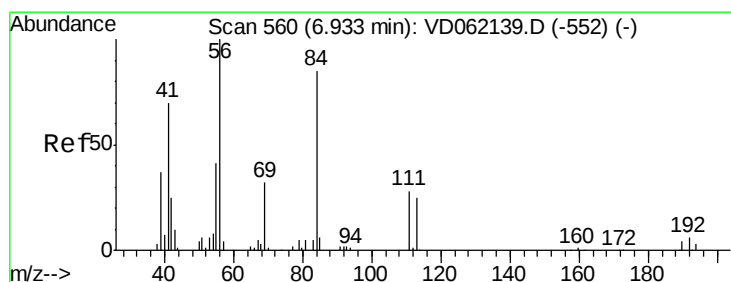
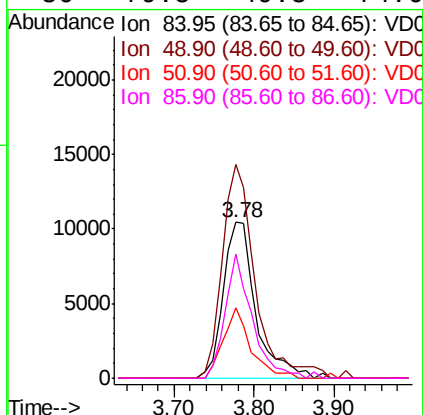
Ion Ratio Lower Upper

84 100

49 137.1 94.0 141.0

51 45.2 29.0 43.4#

86 79.5 49.8 74.6#



#31

Cyclohexane

Concen: 1.947 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.09 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

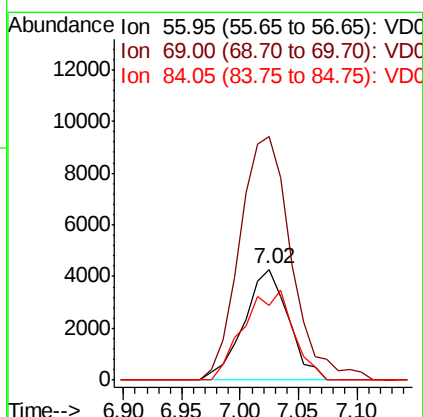
Tgt Ion: 56 Resp: 11323

Ion Ratio Lower Upper

56 100

69 219.1 25.8 38.6#

84 67.7 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 43.831 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

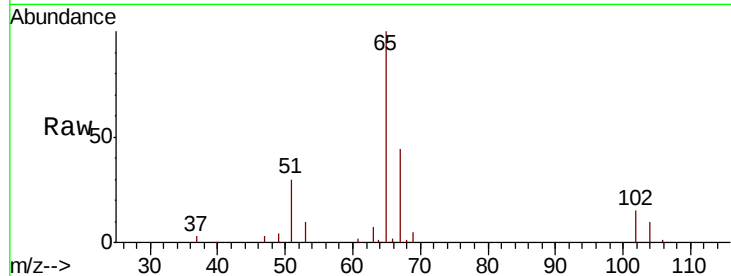
GIS-3-4FT

Tot Ion: 65 Resp: 242979

Ion Ratio Lower Upper

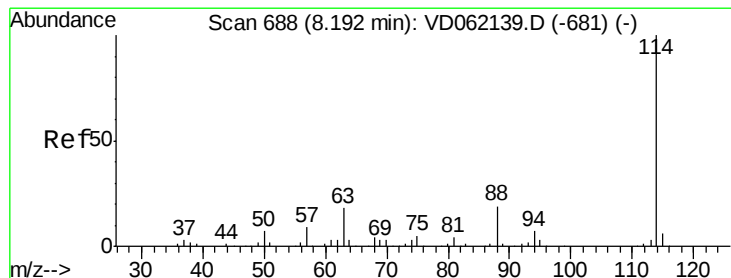
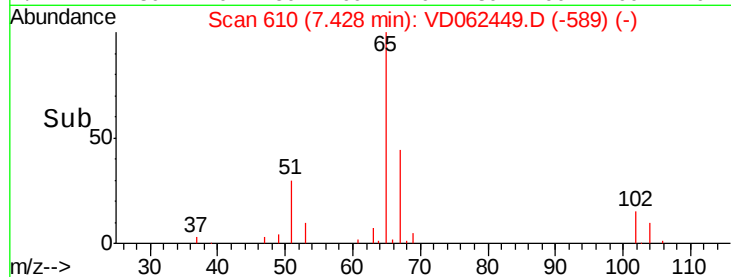
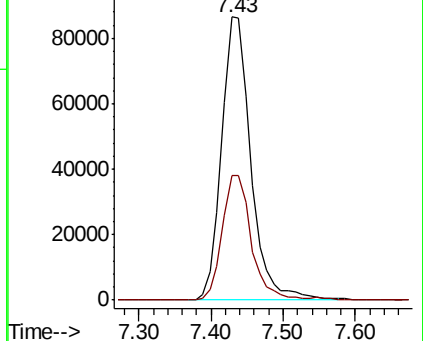
65 100

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: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

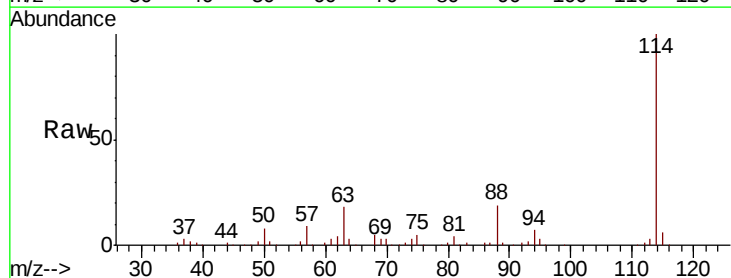
Tgt Ion: 114 Resp: 829997

Ion Ratio Lower Upper

114 100

63 17.8 0.0 32.4

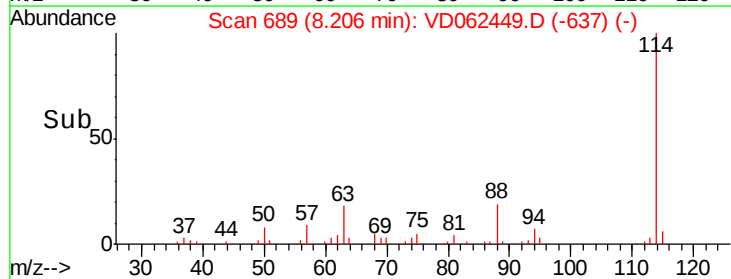
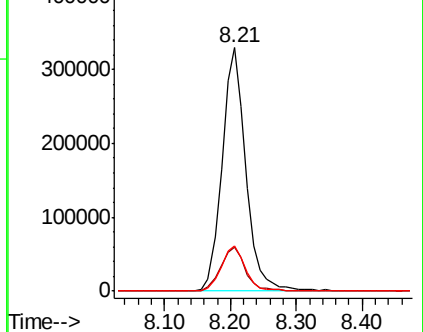
88 18.6 0.0 33.6

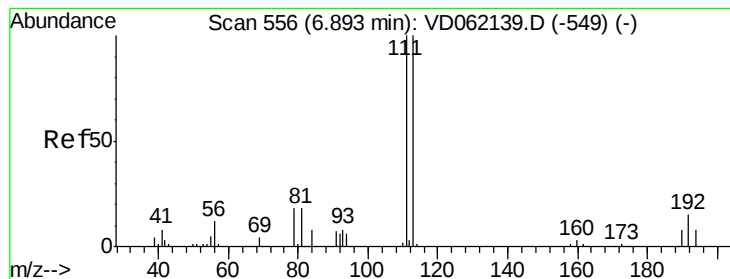


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 40.101 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

GIS-3-4FT

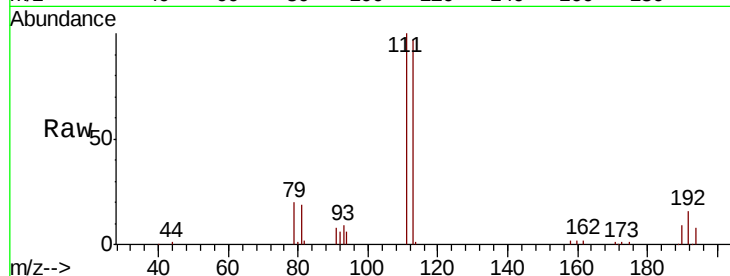
Tot Ion:113 Resp: 276159

Ion Ratio Lower Upper

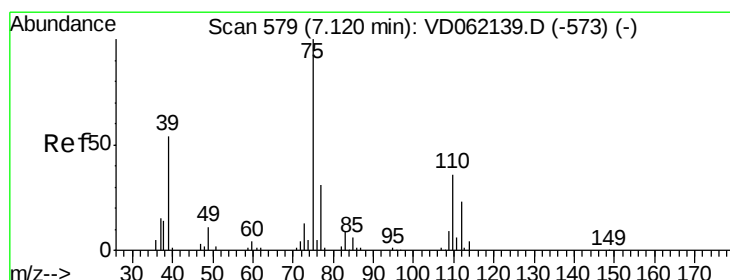
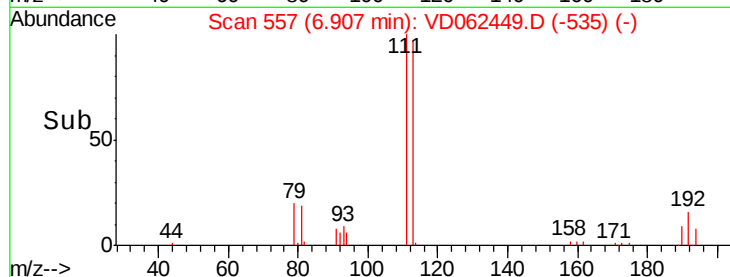
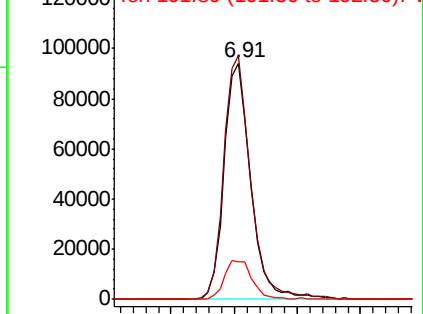
113 100

111 103.1 78.5 117.7

192 16.2 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



#36

1,1-Dichloropropene

Concen: 6.637 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

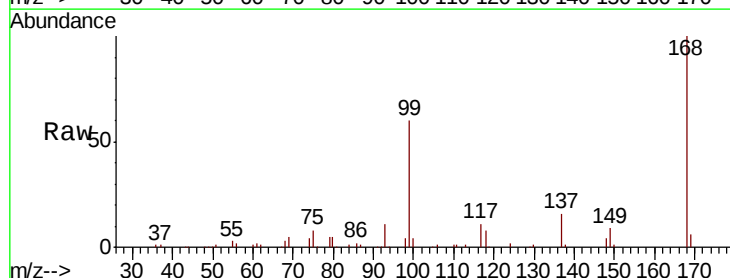
Tgt Ion: 75 Resp: 45167

Ion Ratio Lower Upper

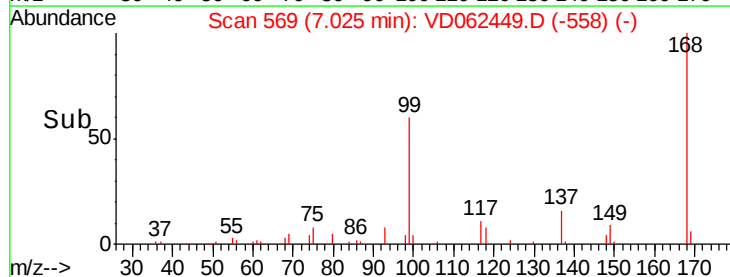
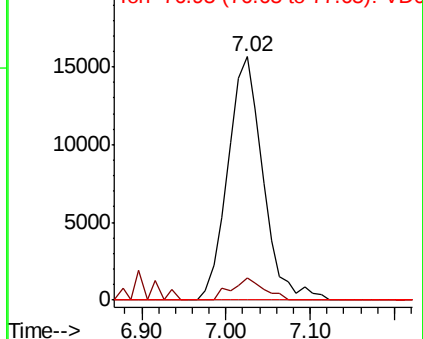
75 100

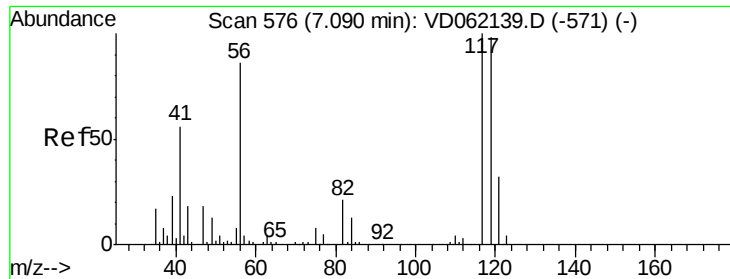
110 9.2 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V

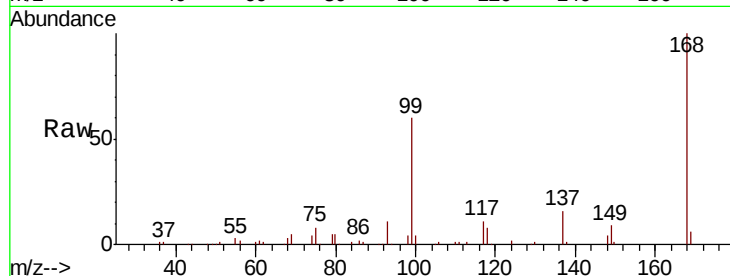




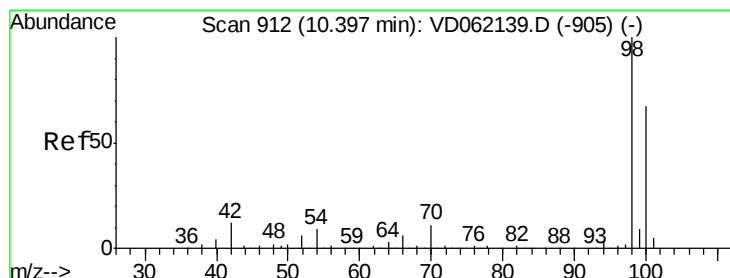
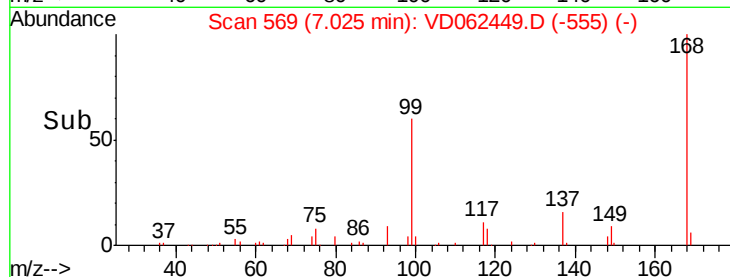
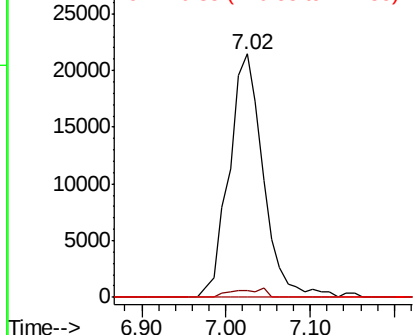
#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.07 min
Lab File: VD062449.D
Acq: 17 May 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
GIS-3-4FT

Tot Ion:117 Resp: 60506
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.0 25.9 38.9#

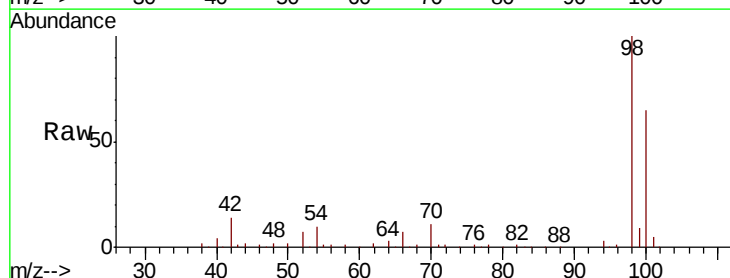


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

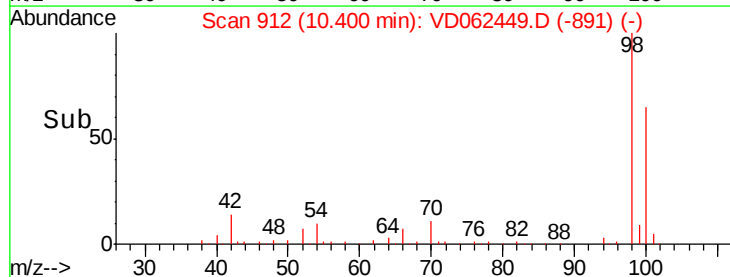
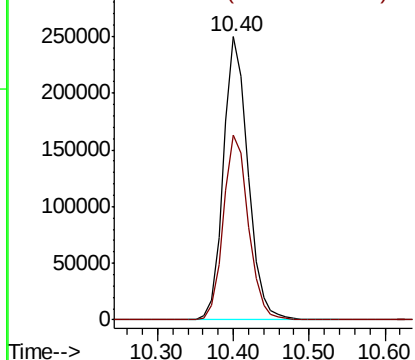


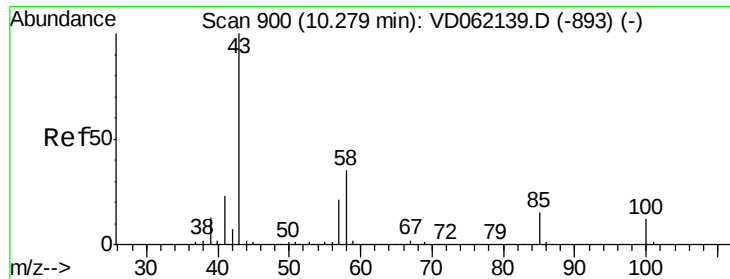
#50
Toluene-d8
Concen: 33.872 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD062449.D
Acq: 17 May 2019 20:07

Tgt Ion: 98 Resp: 562413
Ion Ratio Lower Upper
98 100
100 65.4 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.12 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

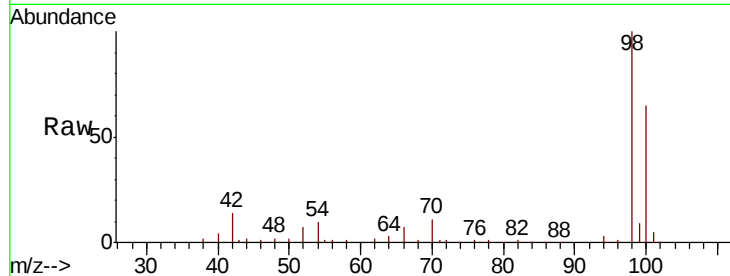
GIS-3-4FT

Tot Ion: 43 Resp: 3180

Ion Ratio Lower Upper

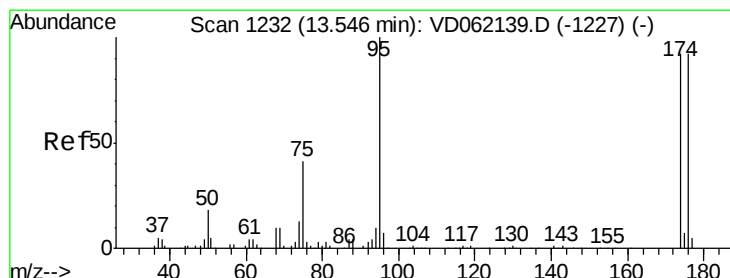
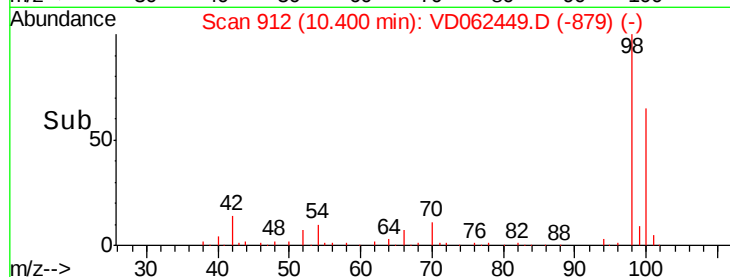
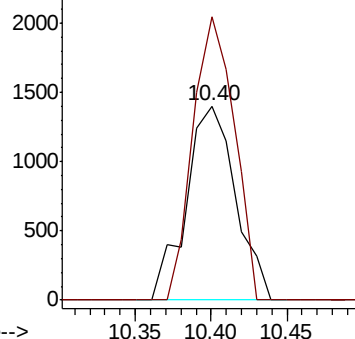
43 100

58 146.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 38.067 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

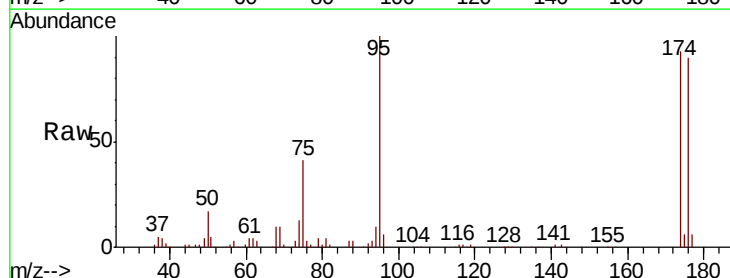
Tgt Ion: 95 Resp: 253815

Ion Ratio Lower Upper

95 100

174 93.3 0.0 181.8

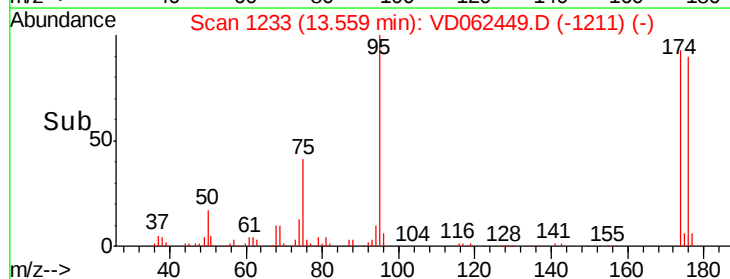
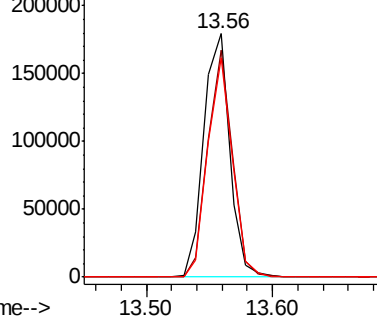
176 90.2 0.0 174.4

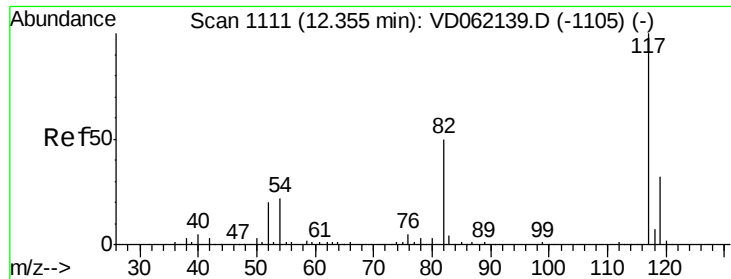


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

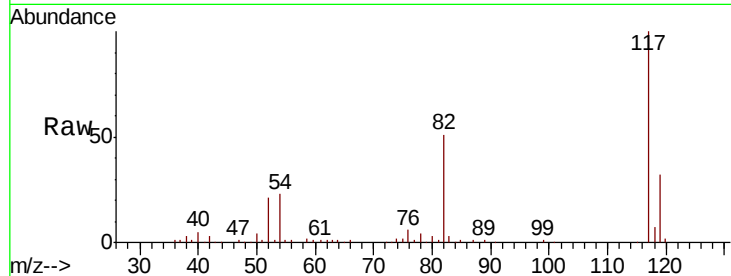




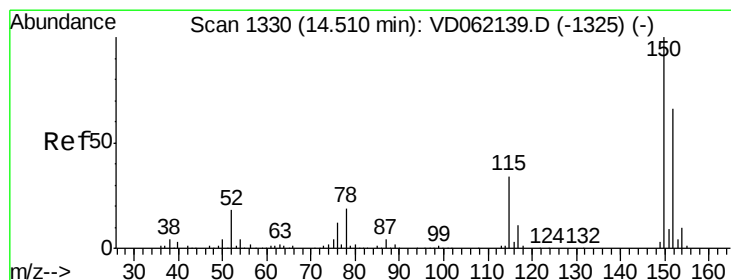
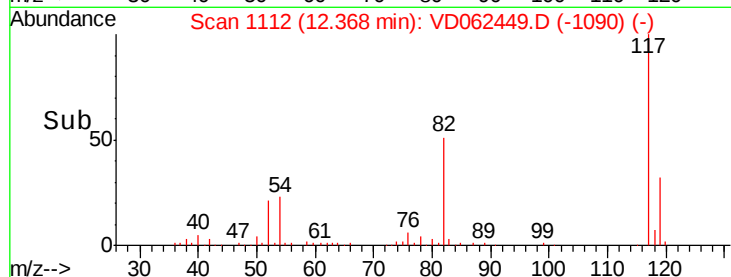
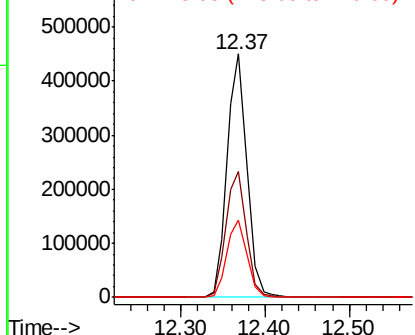
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062449.D
Acq: 17 May 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
GIS-3-4FT

Tot Ion:117 Resp: 733814
Ion Ratio Lower Upper
117 100
82 51.5 36.2 54.2
119 31.6 26.2 39.4

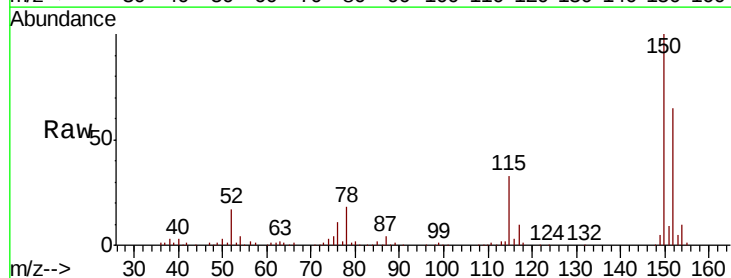


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

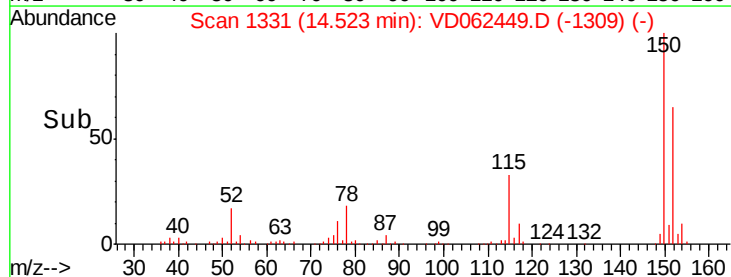
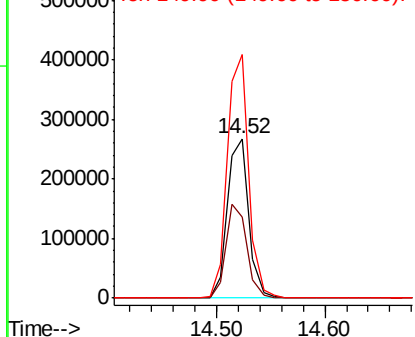


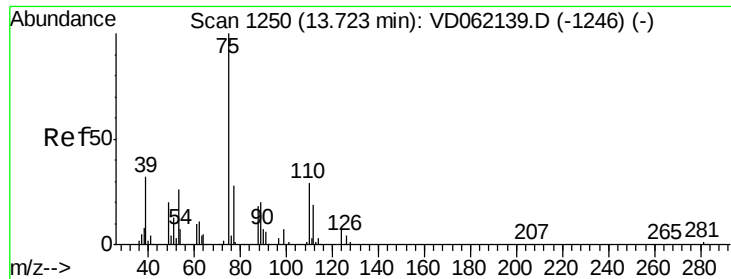
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062449.D
Acq: 17 May 2019 20:07

Tgt Ion:152 Resp: 368594
Ion Ratio Lower Upper
152 100
115 51.0 30.9 92.7
150 152.9 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





#76

1,2,3-Trichloropropane

Concen: 22.852 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

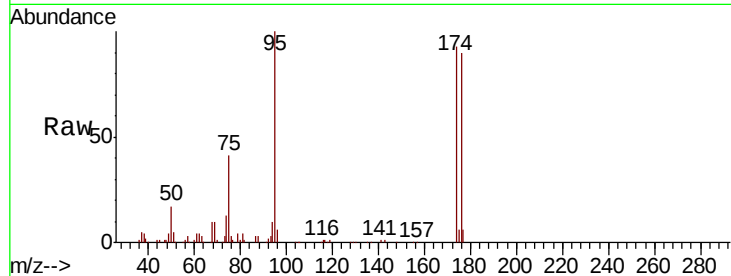
GIS-3-4FT

Tot Ion: 75 Resp: 100100

Ion Ratio Lower Upper

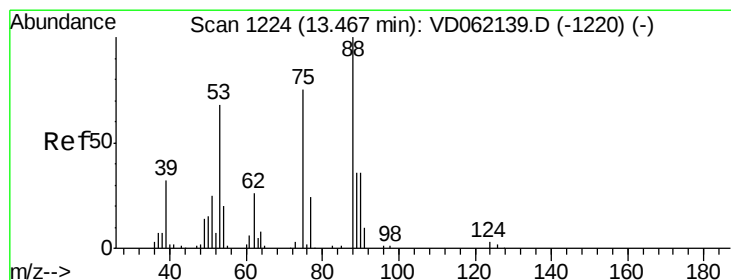
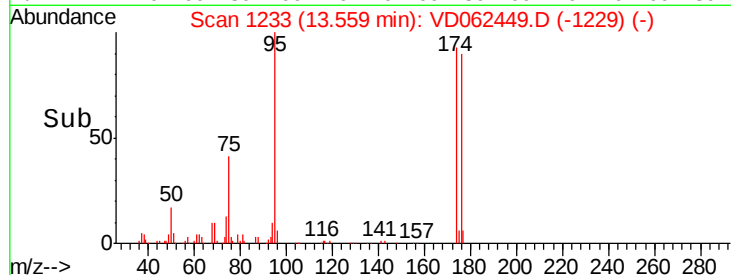
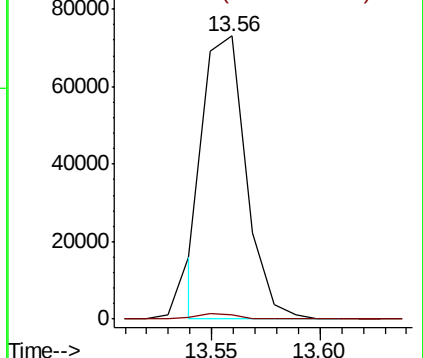
75 100

77 1.5 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 89.116 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062449.D

Acq: 17 May 2019 20:07

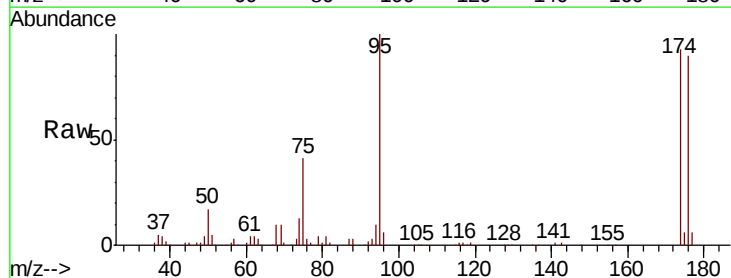
Tgt Ion: 75 Resp: 110203

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

