

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061282.D
 Acq On : 23 Mar 2019 15:57
 Operator : VA/AP
 Sample : K2081-07
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S3A(22)

Quant Time: Mar 25 05:31:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

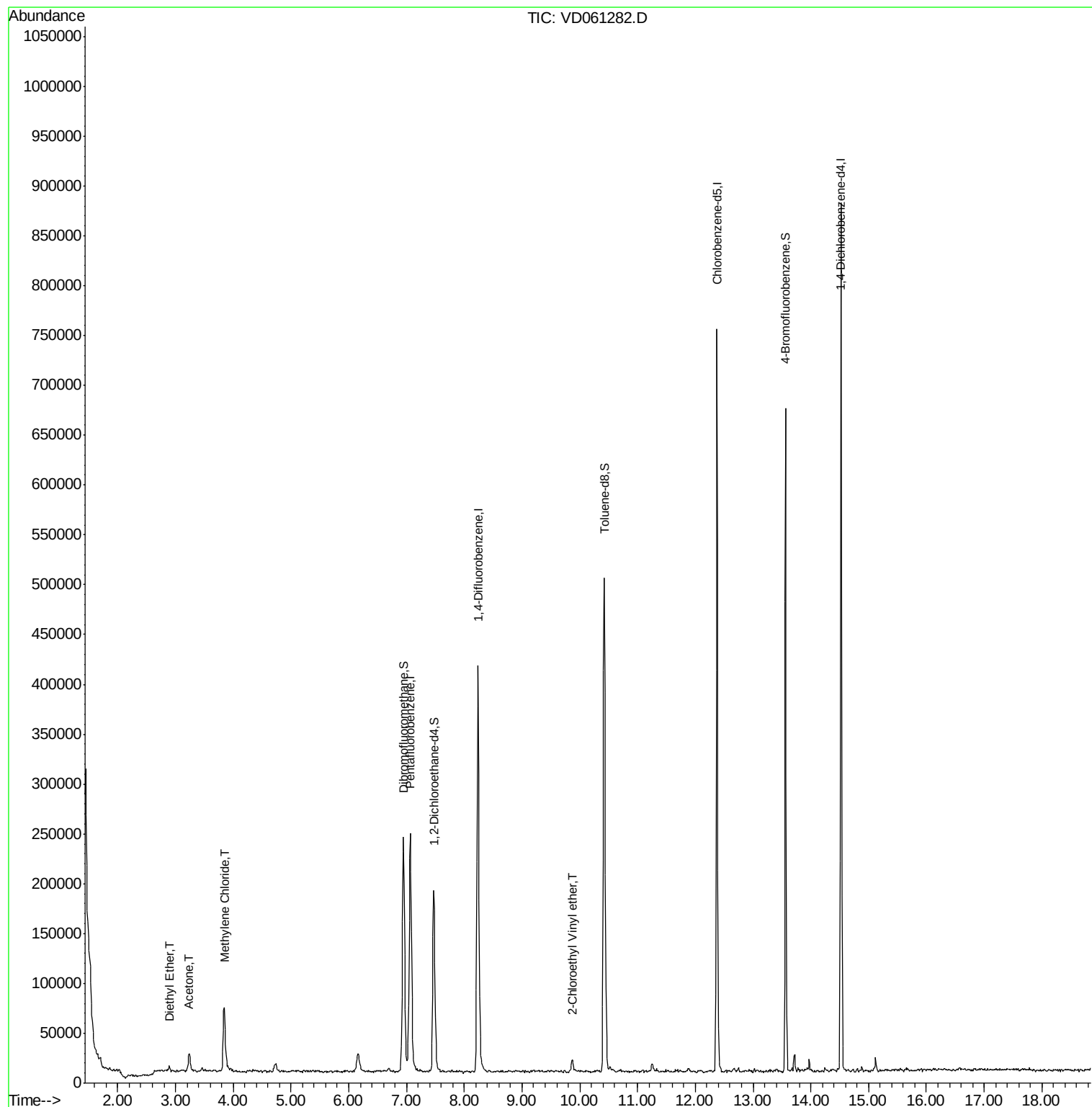
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	262659	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	504214	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	456133	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	219089	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	173174	79.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	158.42%	
35) Dibromofluoromethane	6.95	113	228290	61.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.02%	
50) Toluene-d8	10.42	98	445614	47.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	13.56	95	215493	59.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.20%	
Target Compounds						
8) Diethyl Ether	2.89	74	1930	2.033	ug/l	97
16) Acetone	3.24	43	32110	51.359	ug/l	95
20) Methylene Chloride	3.85	84	50041	14.216	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.87	63	6820	5.473	ug/l	97

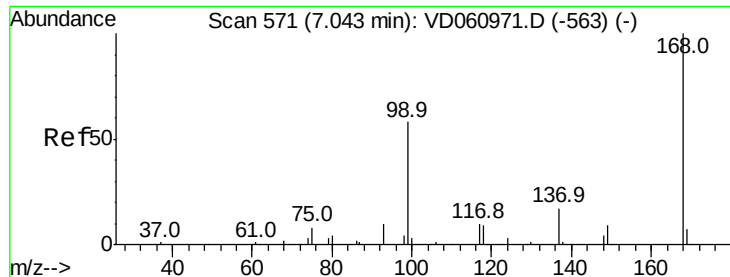
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032319\
Data File : VD061282.D
Acq On : 23 Mar 2019 15:57
Operator : VA/AP
Sample : K2081-07
Misc : 4.56g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S3A(22)

Quant Time: Mar 25 05:31:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061282.D

Acq: 23 Mar 2019 15:57

Instrument :

MSVOA_D

ClientSampleId :

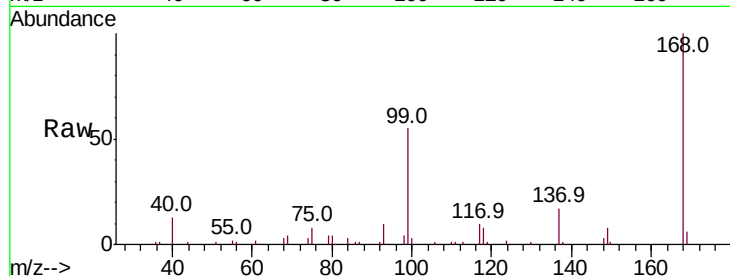
S3A(22)

Tot Ion:168 Resp: 262659

Ion Ratio Lower Upper

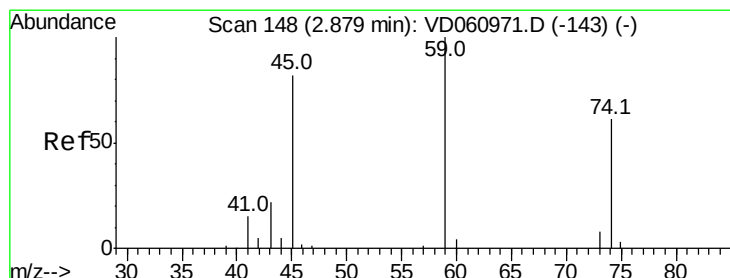
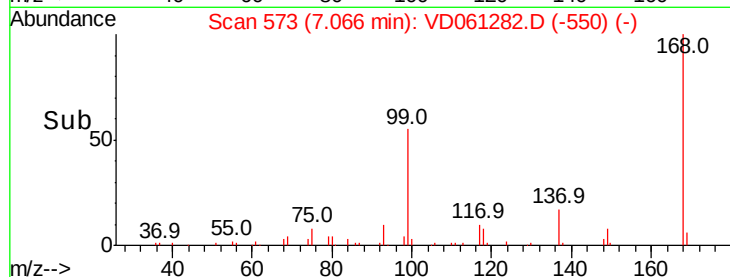
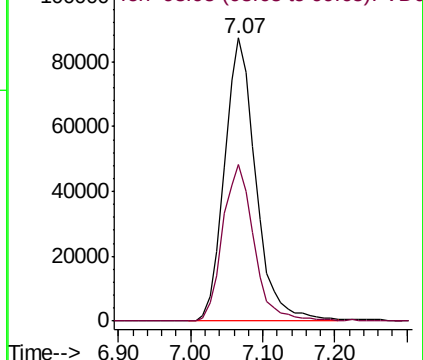
168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.033 ug/l

RT: 2.89 min Scan# 149

Delta R.T. 0.01 min

Lab File: VD061282.D

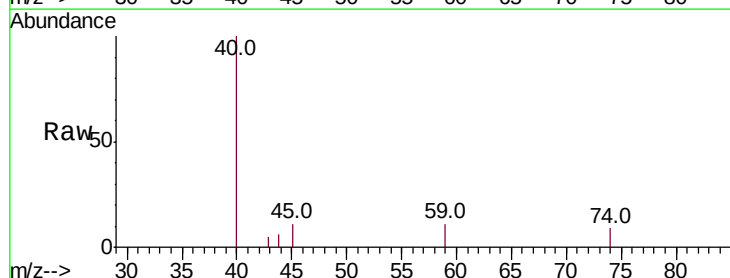
Acq: 23 Mar 2019 15:57

Tgt Ion: 74 Resp: 1930

Ion Ratio Lower Upper

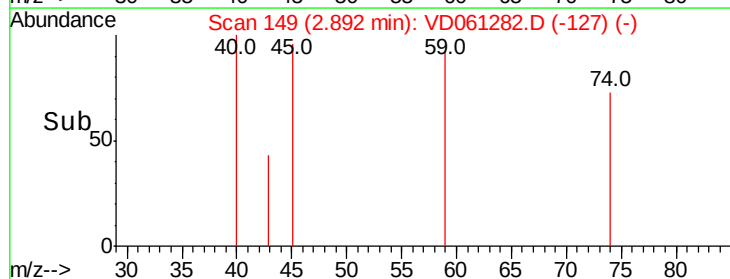
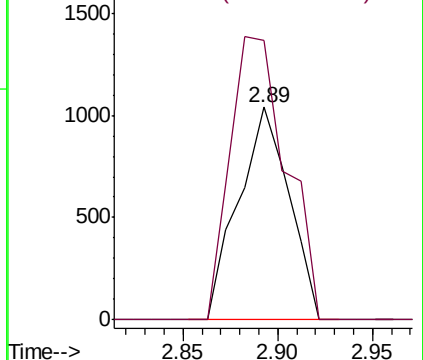
74 100

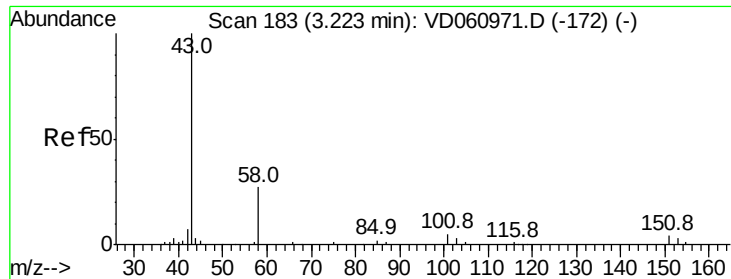
45 131.1 67.0 201.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 51.359 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061282.D

Acq: 23 Mar 2019 15:57

Instrument :

MSVOA_D

ClientSampleId :

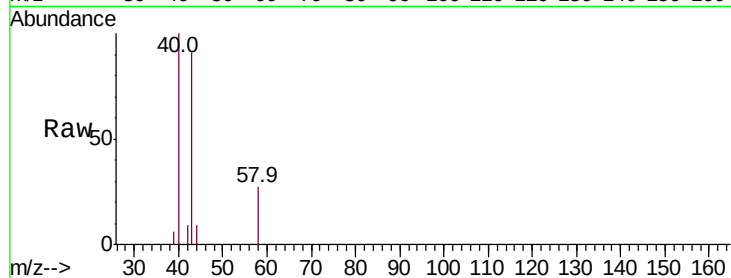
S3A(22)

Tot Ion: 43 Resp: 32110

Ion Ratio Lower Upper

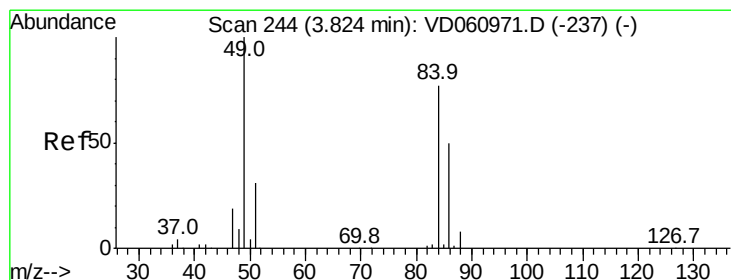
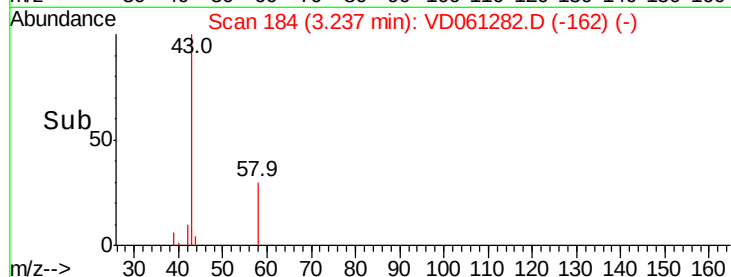
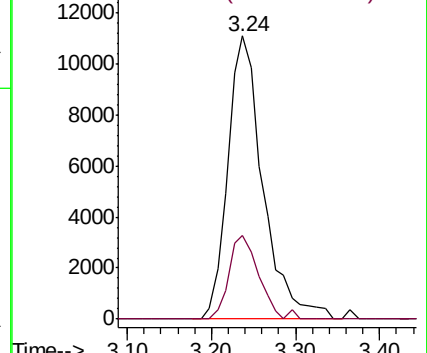
43 100

58 29.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 14.216 ug/l

RT: 3.85 min Scan# 246

Delta R.T. 0.02 min

Lab File: VD061282.D

Acq: 23 Mar 2019 15:57

Tgt Ion: 84 Resp: 50041

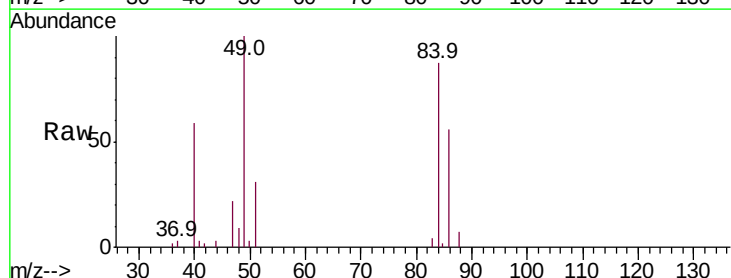
Ion Ratio Lower Upper

84 100

49 114.7 104.2 156.2

51 35.1 32.3 48.5

86 63.9 52.3 78.5

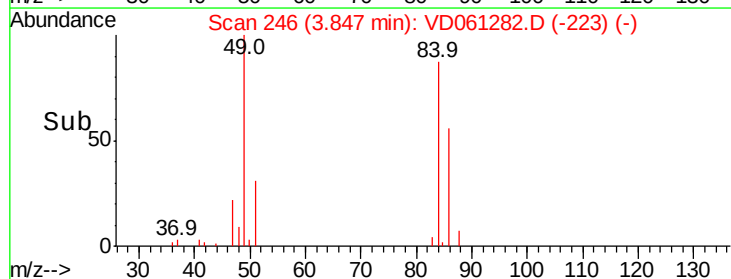
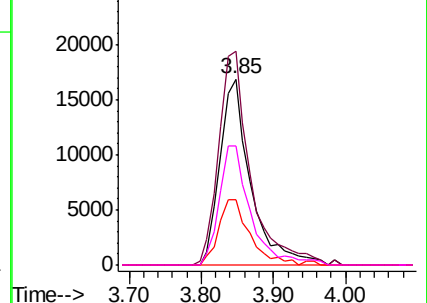


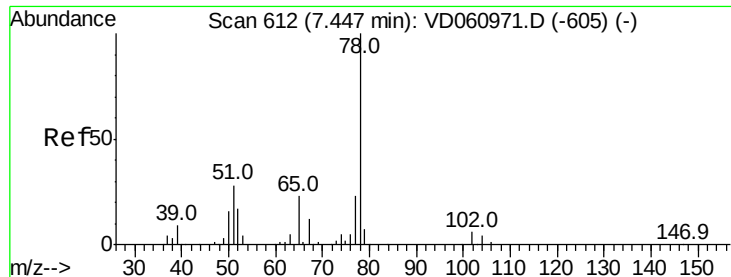
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

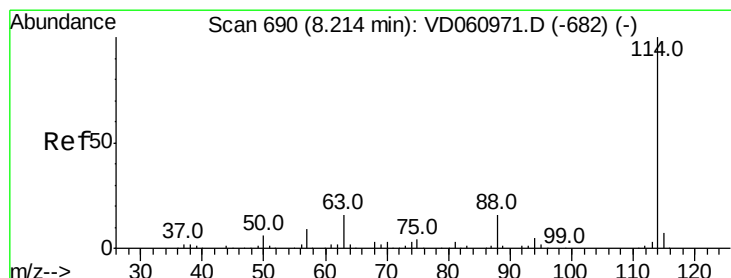
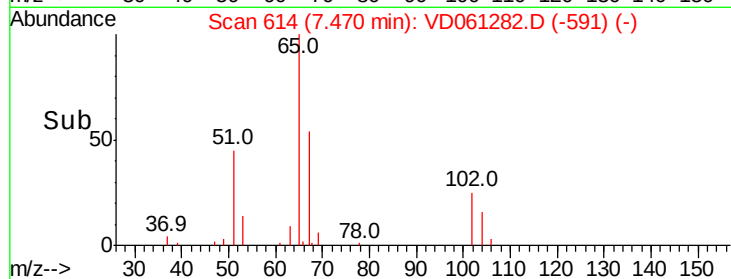
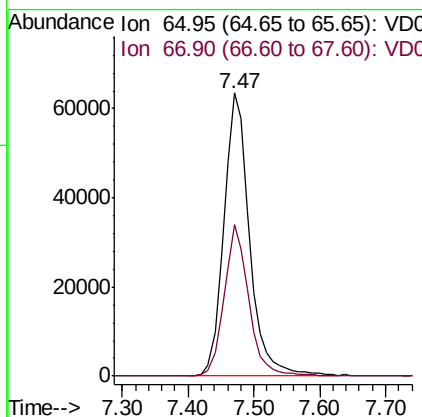
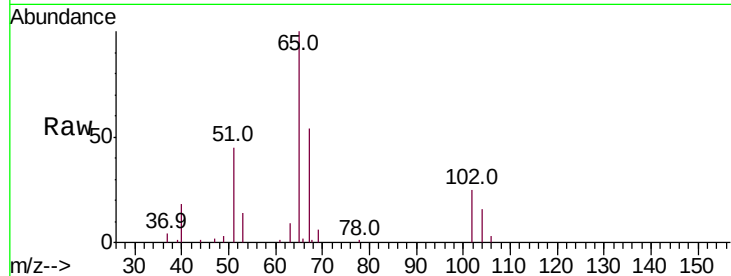




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061282.D
 Acq: 23 Mar 2019 15:57

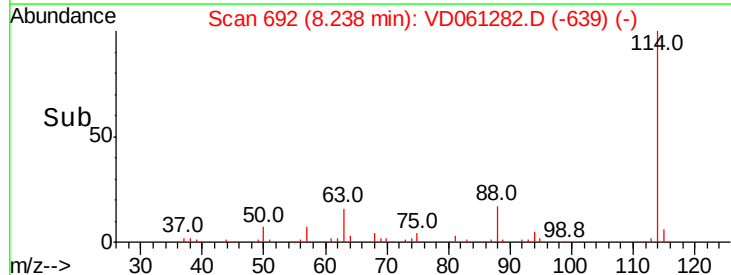
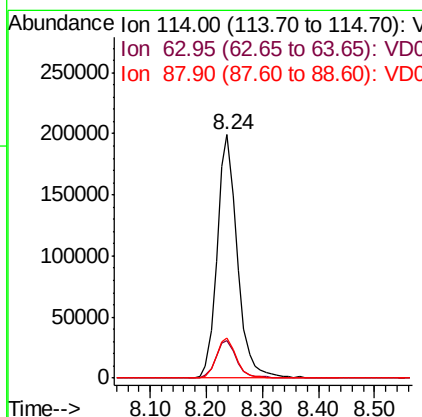
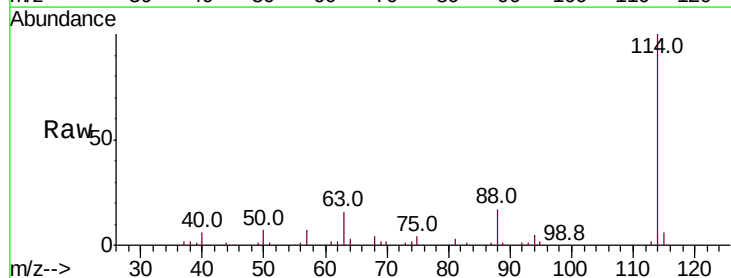
Instrument :
 MSVOA_D
 ClientSampleId :
 S3A(22)

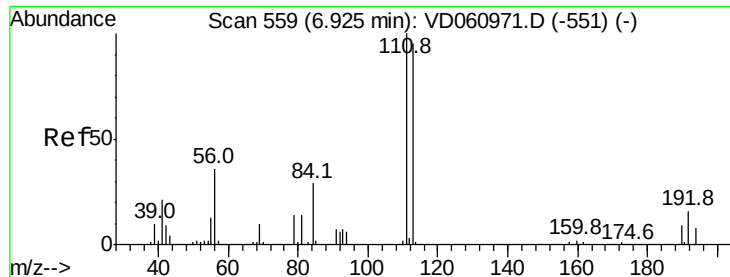
Tot Ion: 65 Resp: 173174
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061282.D
 Acq: 23 Mar 2019 15:57

Tgt Ion:114 Resp: 504214
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.6 0.0 33.0

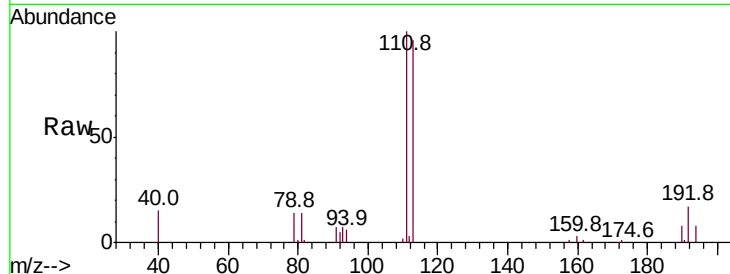




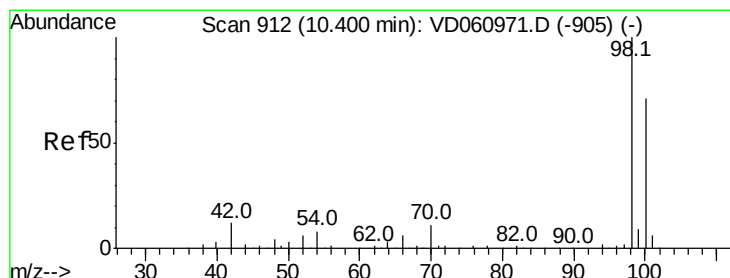
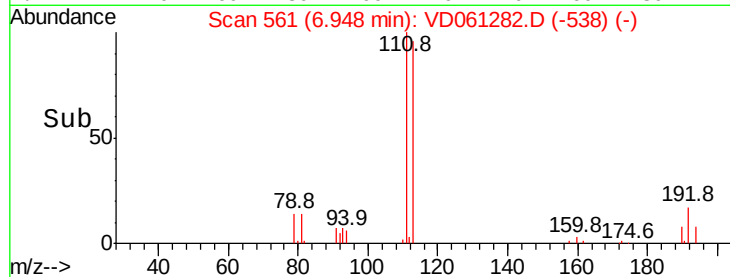
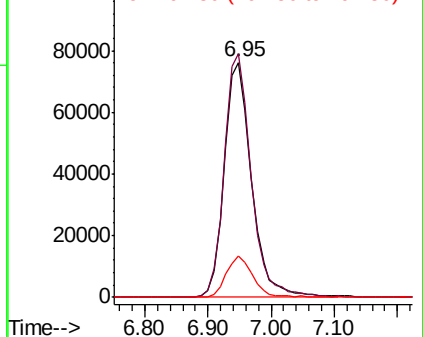
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061282.D
 Acq: 23 Mar 2019 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 S3A(22)

Tot Ion:113 Resp: 228290
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.2 126.4
 192 17.6 13.1 19.7

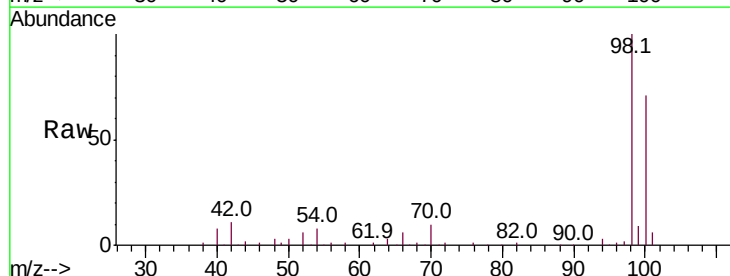


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

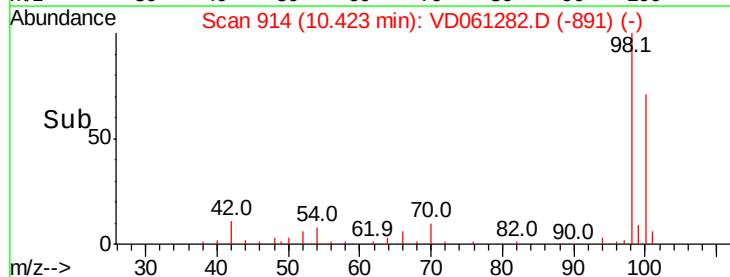
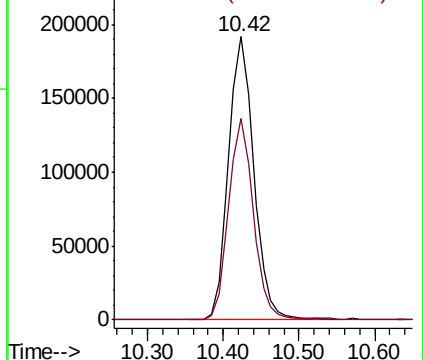


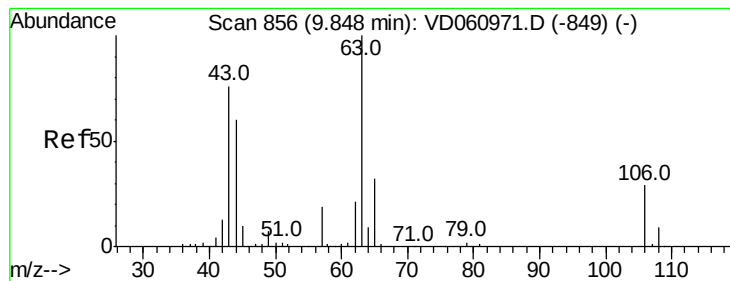
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD061282.D
 Acq: 23 Mar 2019 15:57

Tgt Ion: 98 Resp: 445614
 Ion Ratio Lower Upper
 98 100
 100 71.3 57.4 86.2



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





#58

2-Chloroethyl Vinyl ether

Concen: 5.473 ug/l

RT: 9.87 min Scan# 858

Delta R.T. 0.02 min

Lab File: VD061282.D

Acq: 23 Mar 2019 15:57

Instrument :

MSVOA_D

ClientSampleId :

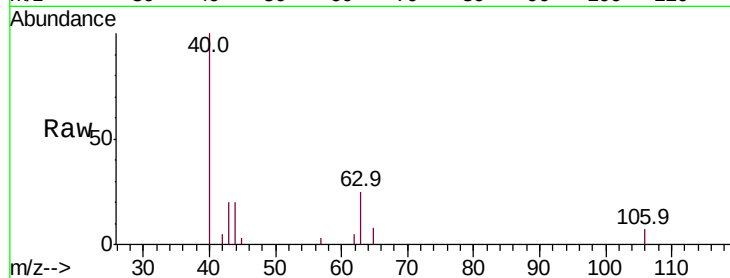
S3A(22)

Tot Ion: 63 Resp: 6820

Ion Ratio Lower Upper

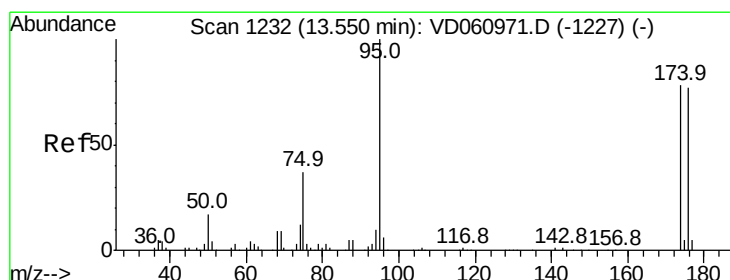
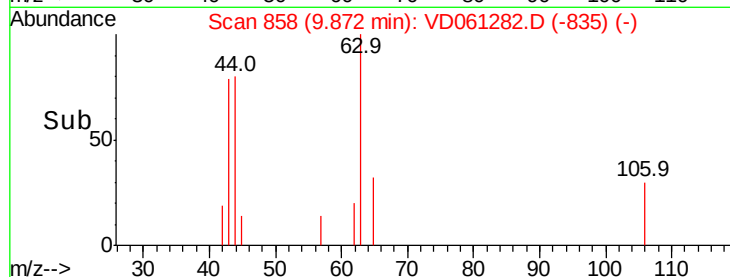
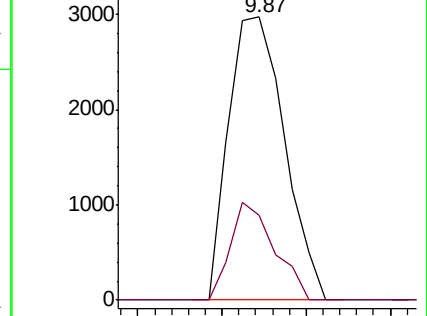
63 100

106 30.0 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VD060971.D (-849) (-)

Ion 105.95 (105.65 to 106.65): VD060971.D (-849) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061282.D

Acq: 23 Mar 2019 15:57

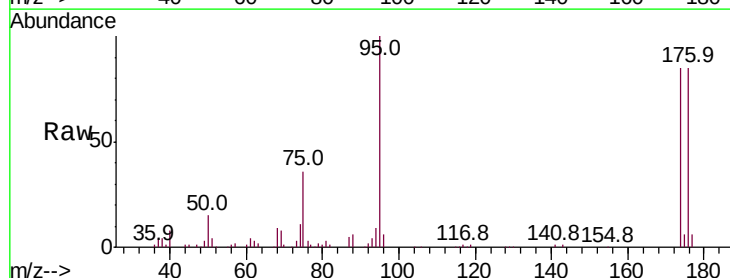
Tgt Ion: 95 Resp: 215493

Ion Ratio Lower Upper

95 100

174 85.3 0.0 155.6

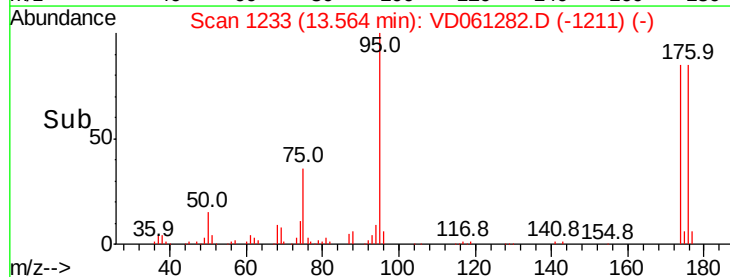
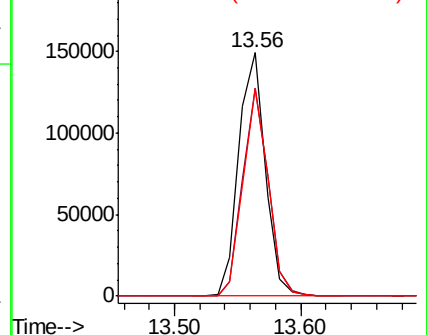
176 85.2 0.0 153.8

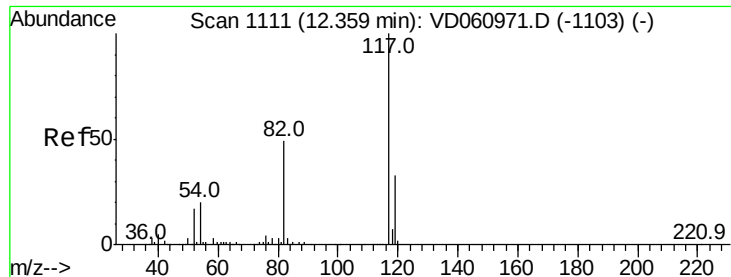


Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

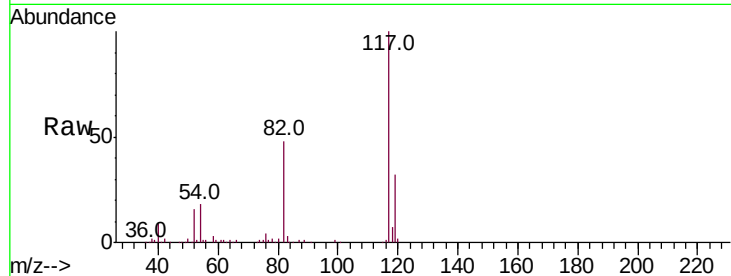




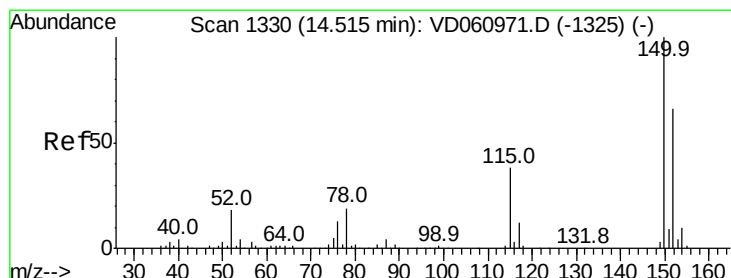
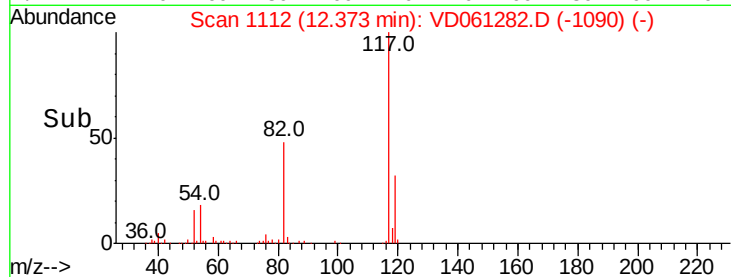
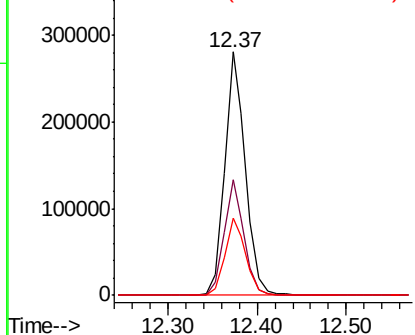
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061282.D
Acq: 23 Mar 2019 15:57

Instrument :
MSVOA_D
ClientSampleId :
S3A(22)

Tot Ion:117 Resp: 456133
Ion Ratio Lower Upper
117 100
82 47.5 38.9 58.3
119 31.9 26.6 39.8

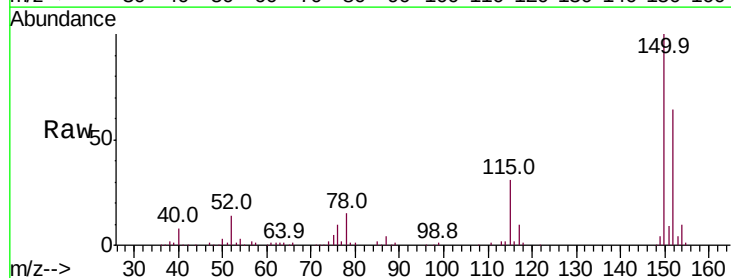


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061282.D
Acq: 23 Mar 2019 15:57

Tgt Ion:152 Resp: 219089
Ion Ratio Lower Upper
152 100
115 49.0 28.6 85.9
150 156.0 0.0 310.6



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

