

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061173.D
 Acq On : 19 Mar 2019 5:57
 Operator : VA/AP
 Sample : K1941-07
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 19 08:23:33 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

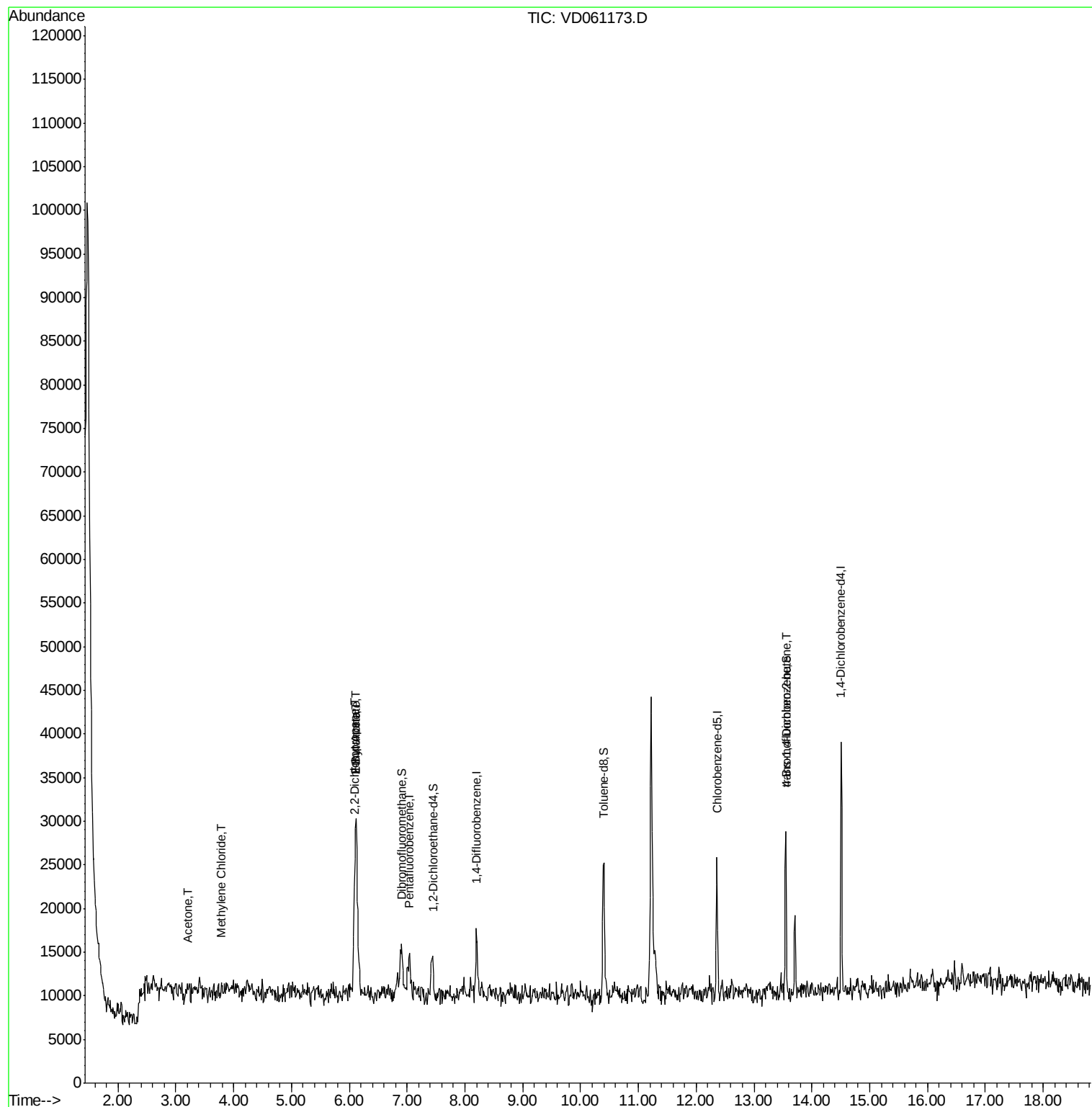
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	6164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	15564	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	13146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	7951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	5689	110.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.76%	
35) Dibromofluoromethane	6.91	113	5519	47.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.40	98	14842	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	13.55	95	6646	59.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.10%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	970	66.112	ug/l #	48
20) Methylene Chloride	3.79	84	396	1.385	ug/l #	4
25) 2-Butanone	6.12	43	645	38.742	ug/l #	55
26) 2,2-Dichloropropane	6.09	77	400	4.551	ug/l #	50
37) Ethyl Acetate	6.12	43	645	10.245	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	2559	75.880	ug/l #	17

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061173.D

Acq: 19 Mar 2019 5:57

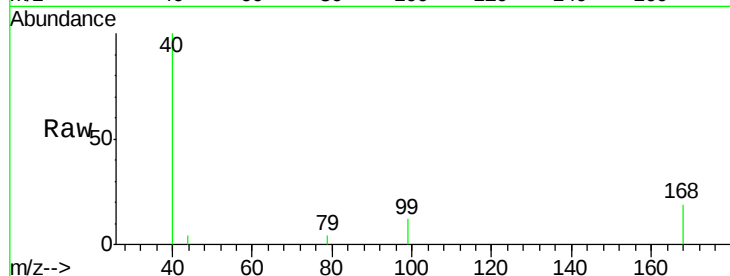
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 6164

Ion Ratio Lower Upper

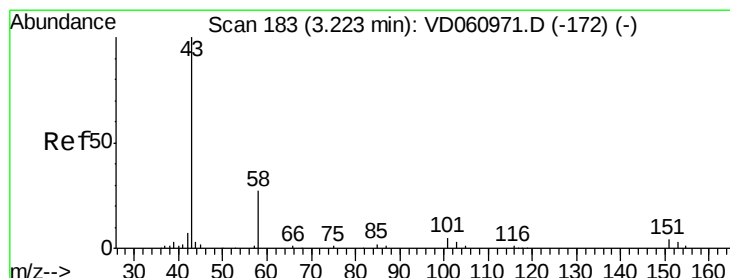
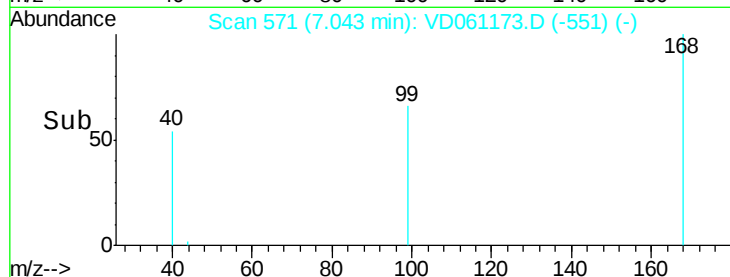
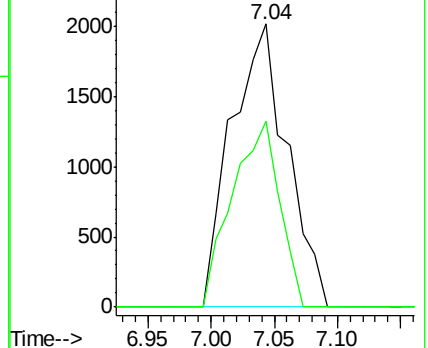
168 100

99 65.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 66.112 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061173.D

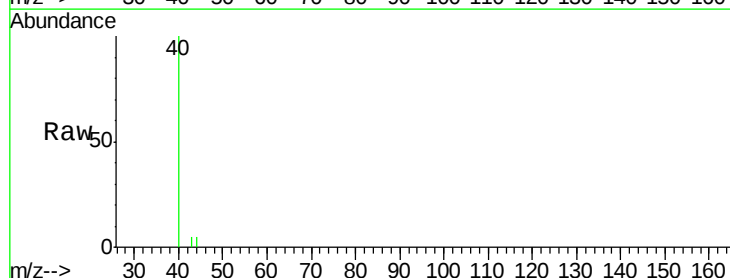
Acq: 19 Mar 2019 5:57

Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

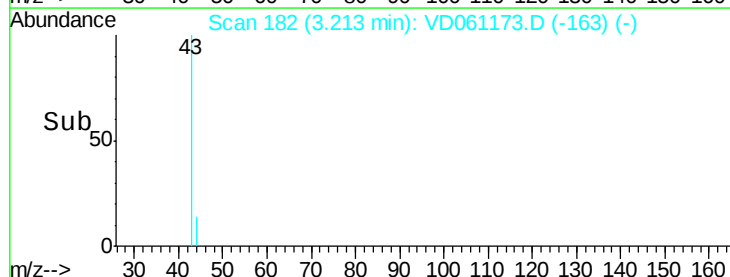
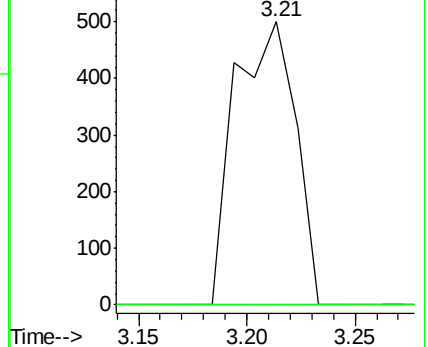
43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

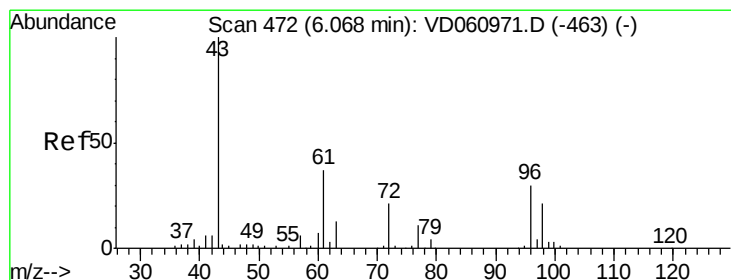
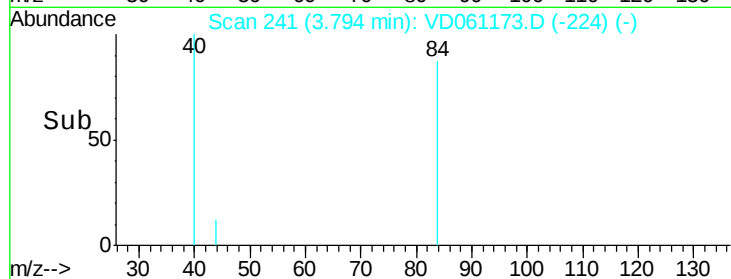
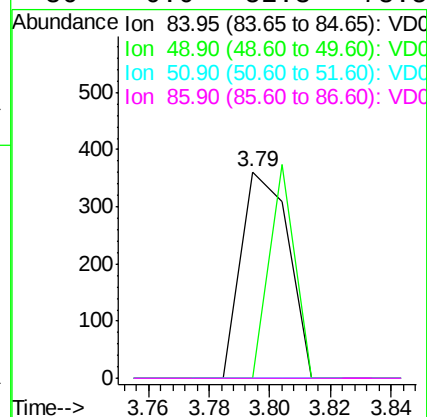
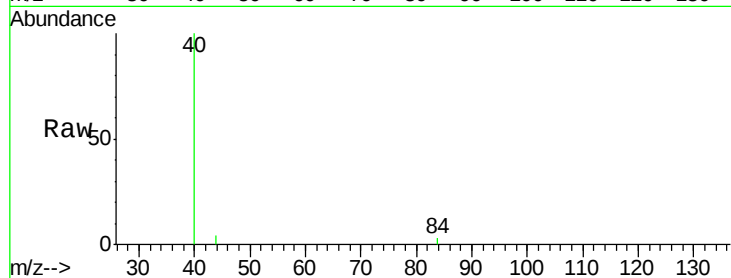




#20
Methvlene Chloride
Concen: 1.385 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD061173.D
Acq: 19 Mar 2019 5:57

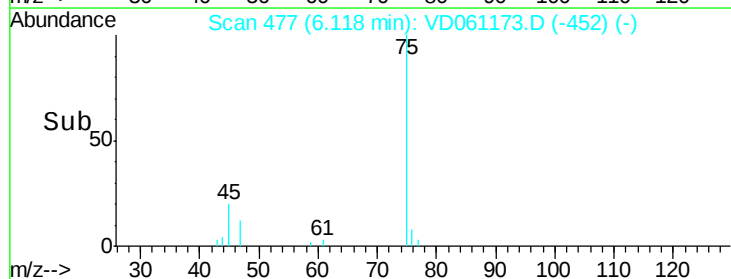
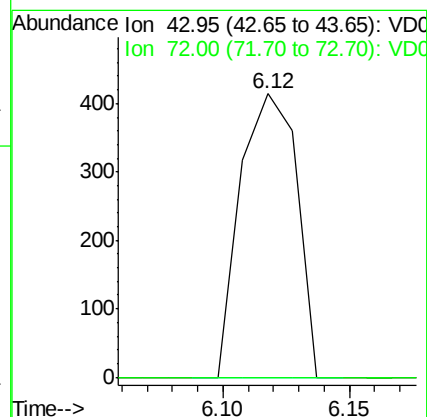
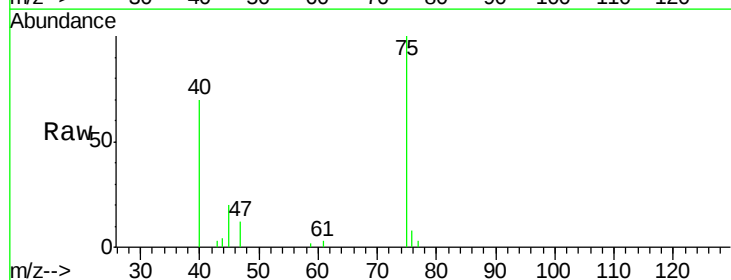
Instrument :
MSVOA_D
ClientSampleId :

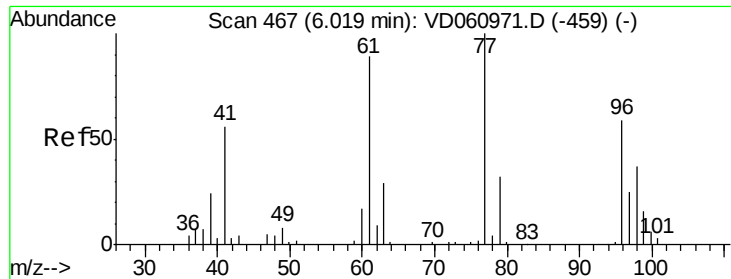
Tot Ion: 84 Resp: 396
Ion Ratio Lower Upper
84 100
49 0.0 104.2 156.2#
51 0.0 32.3 48.5#
86 0.0 52.3 78.5#



#25
2-Butanone
Concen: 38.742 ug/l
RT: 6.12 min Scan# 477
Delta R.T. 0.05 min
Lab File: VD061173.D
Acq: 19 Mar 2019 5:57

Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#





#26

2,2-Dichloropropane

Concen: 4.551 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.07 min

Lab File: VD061173.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_D

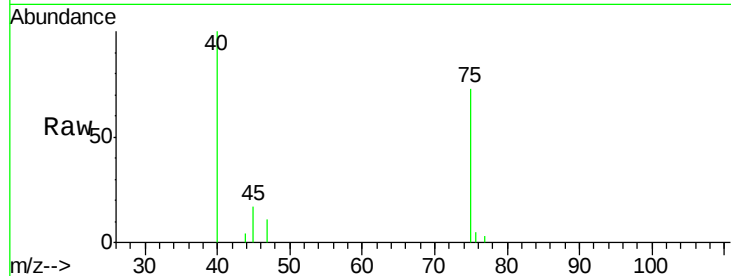
ClientSampleId :

Tot Ion: 77 Resp: 400

Ion Ratio Lower Upper

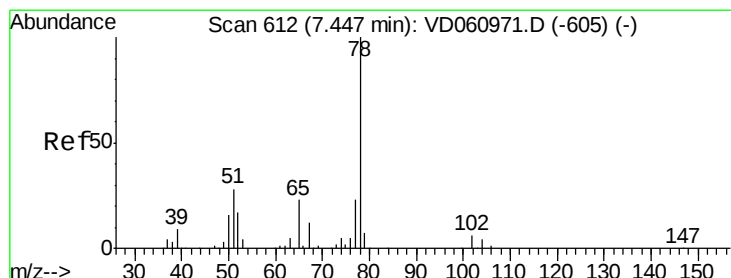
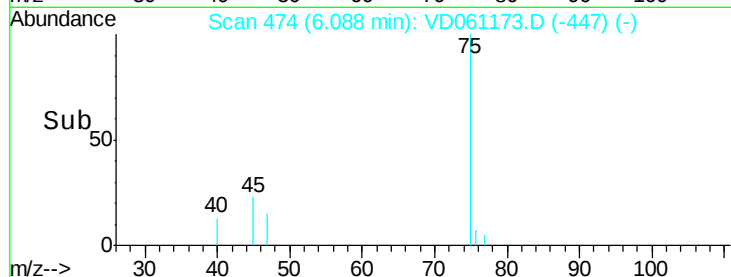
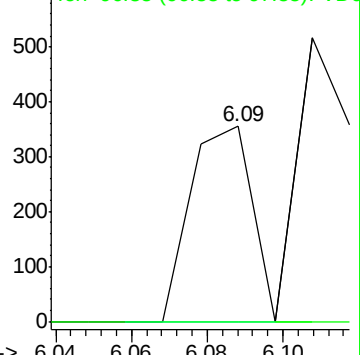
77 100

97 0.0 12.6 37.6#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061173.D

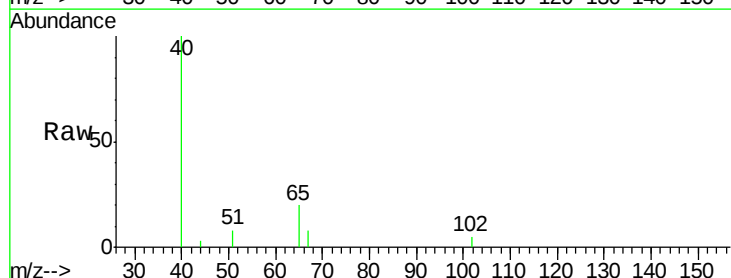
Acq: 19 Mar 2019 5:57

Tgt Ion: 65 Resp: 5689

Ion Ratio Lower Upper

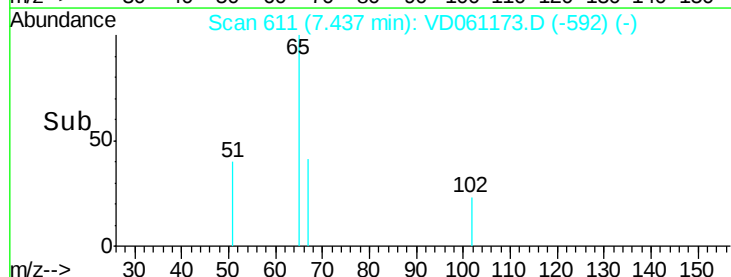
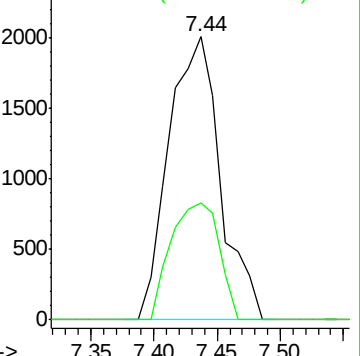
65 100

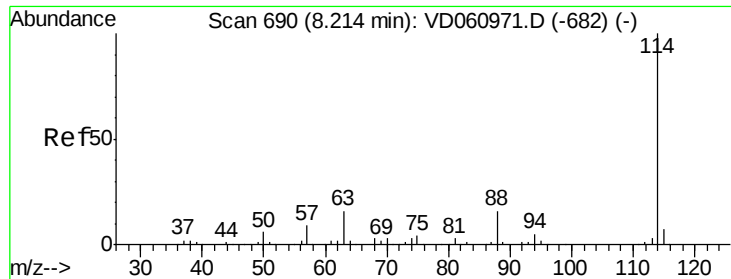
67 41.3 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

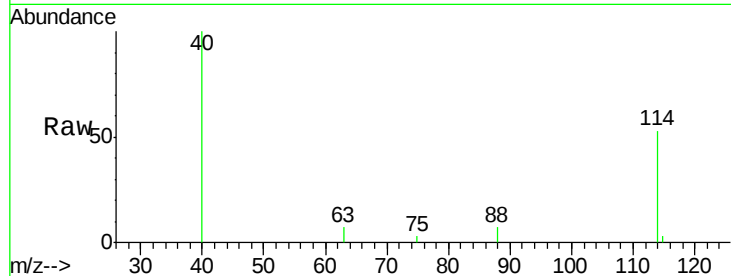




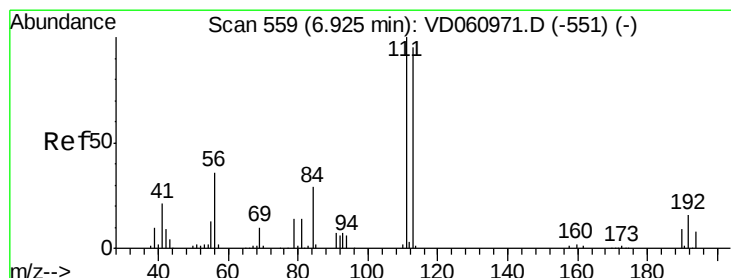
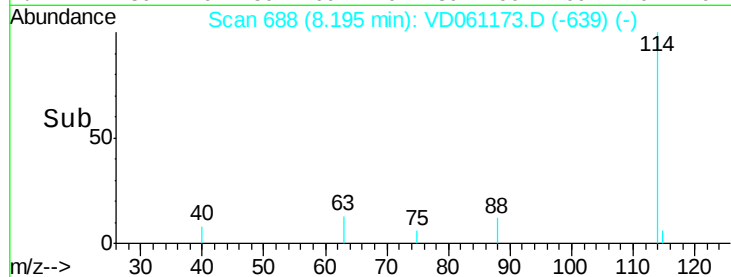
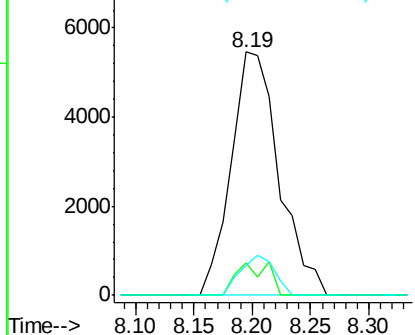
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD061173.D
 Acq: 19 Mar 2019 5:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 15564
 Ion Ratio Lower Upper
 114 100
 63 13.4 0.0 31.4
 88 12.4 0.0 33.0

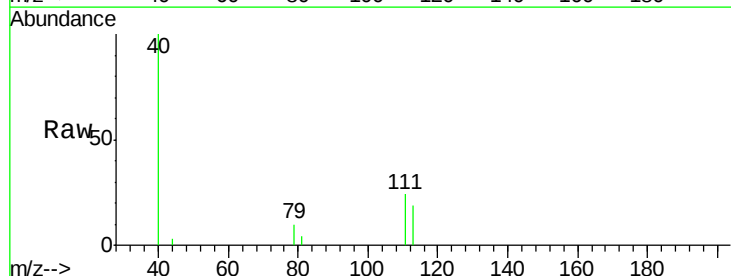


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

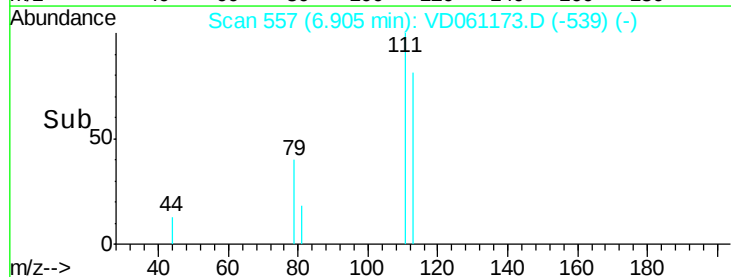
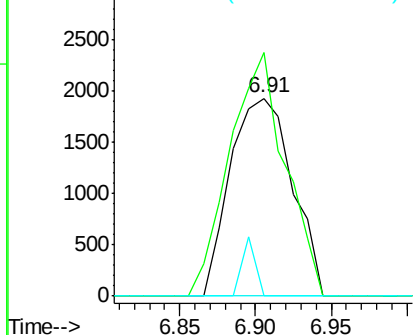


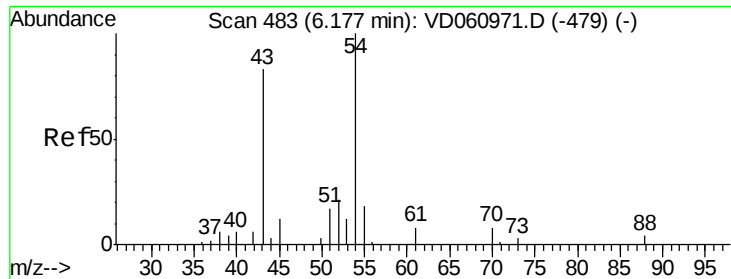
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061173.D
 Acq: 19 Mar 2019 5:57

Tgt Ion:113 Resp: 5519
 Ion Ratio Lower Upper
 113 100
 111 123.1 84.2 126.4
 192 0.0 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

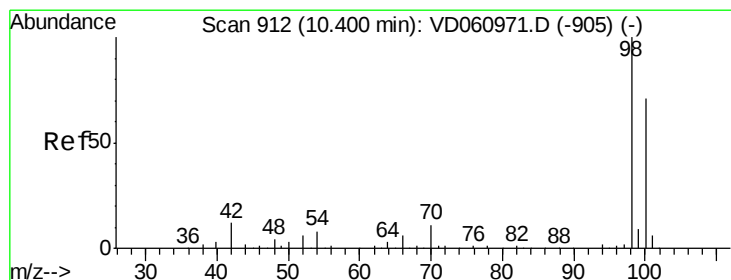
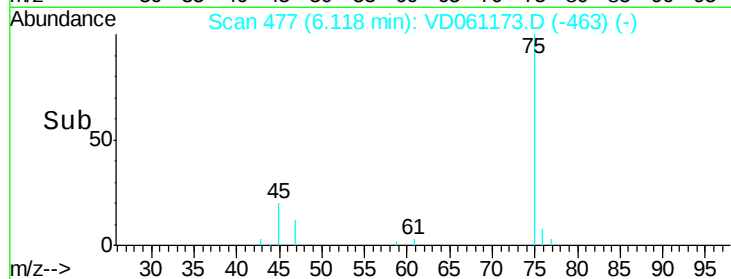
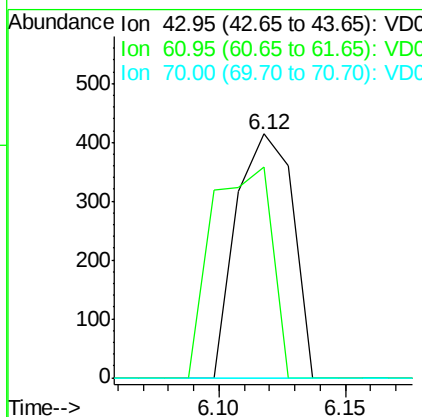
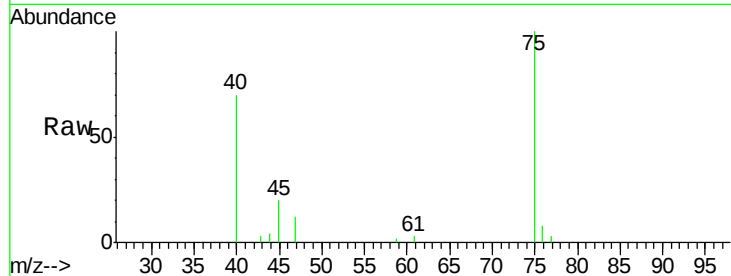




#37
Ethyl Acetate
Concen: 10.245 ug/l
RT: 6.12 min Scan# 477
Delta R.T. -0.06 min
Lab File: VD061173.D
Acq: 19 Mar 2019 5:57

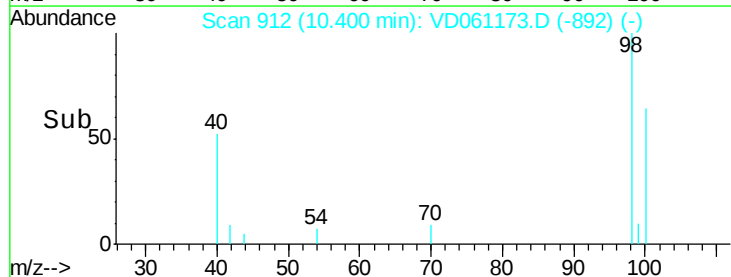
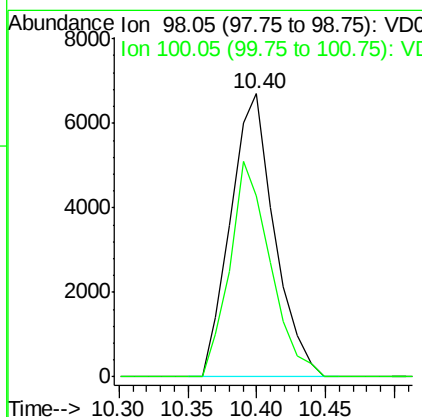
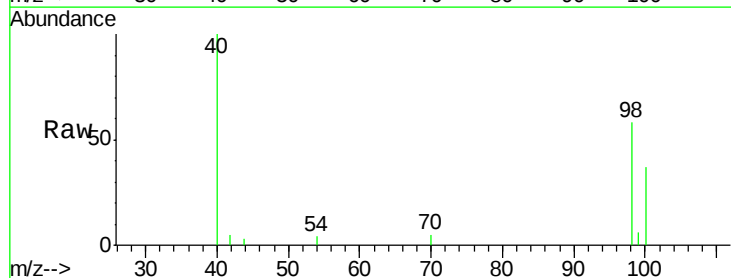
Instrument :
MSVOA_D
ClientSampled :

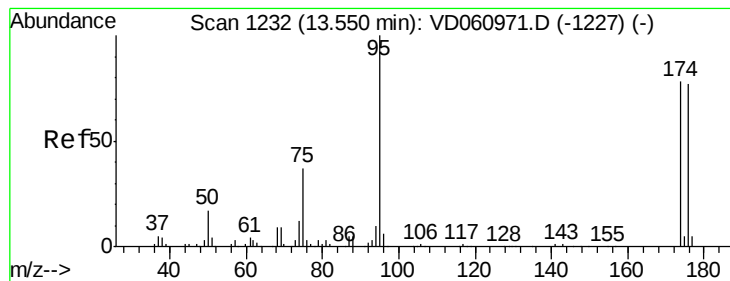
Tot Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
61 86.7 13.7 20.5#
70 0.0 7.1 10.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061173.D
Acq: 19 Mar 2019 5:57

Tgt Ion: 98 Resp: 14842
Ion Ratio Lower Upper
98 100
100 64.2 57.4 86.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061173.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_D

ClientSampleId :

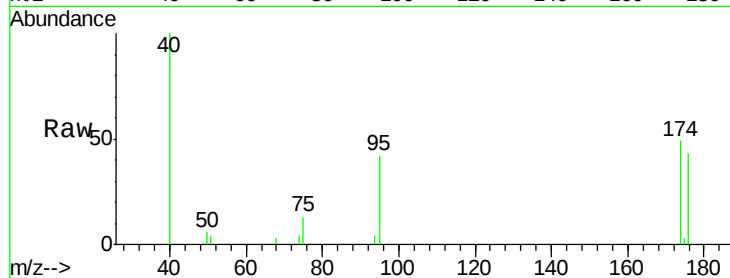
Tot Ion: 95 Resp: 6646

Ion Ratio Lower Upper

95 100

174 116.6 0.0 155.6

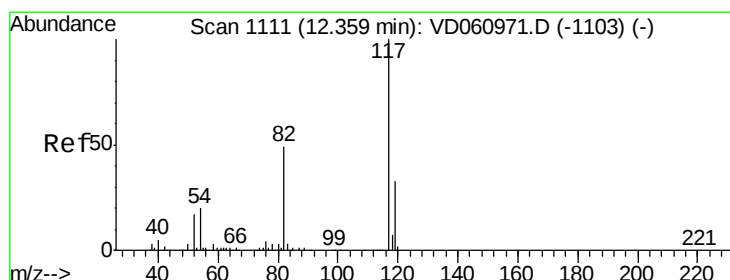
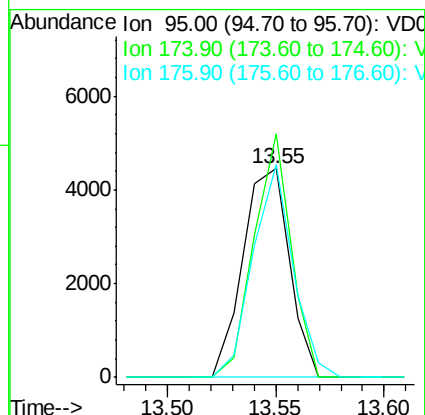
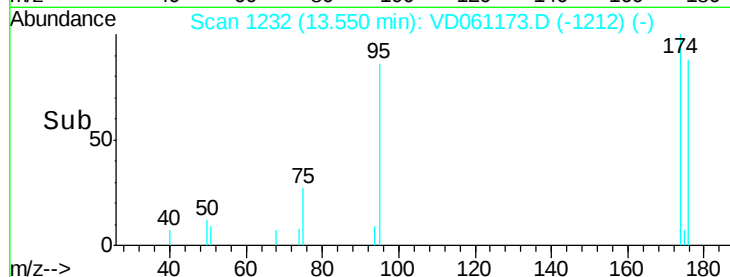
176 102.2 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061173.D

Acq: 19 Mar 2019 5:57

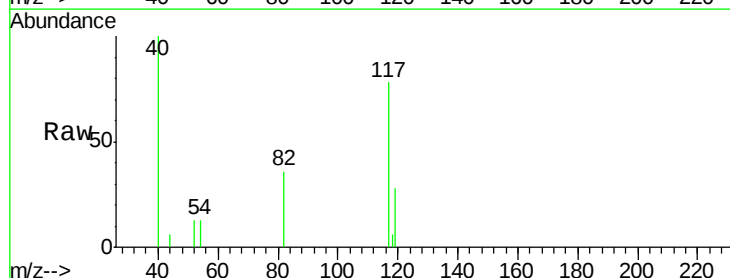
Tgt Ion: 117 Resp: 13146

Ion Ratio Lower Upper

117 100

82 45.7 38.9 58.3

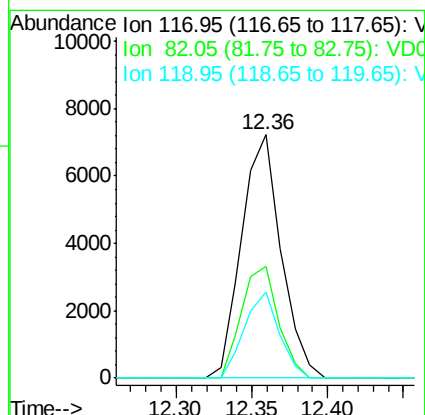
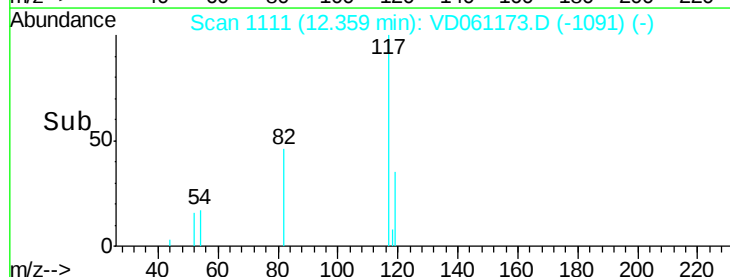
119 35.4 26.6 39.8

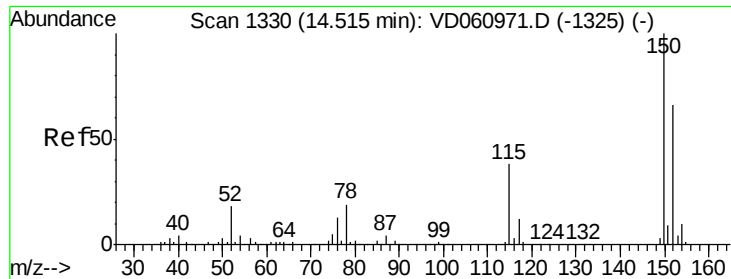


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

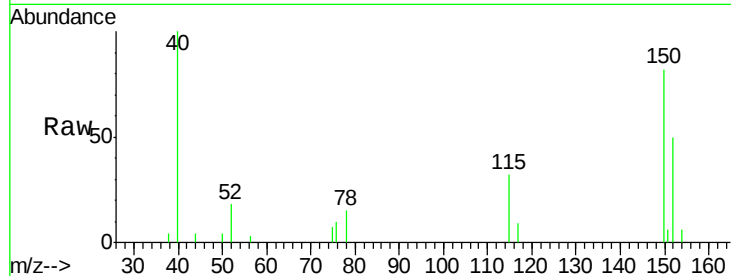




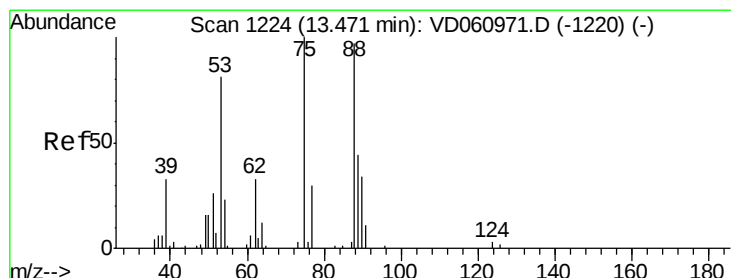
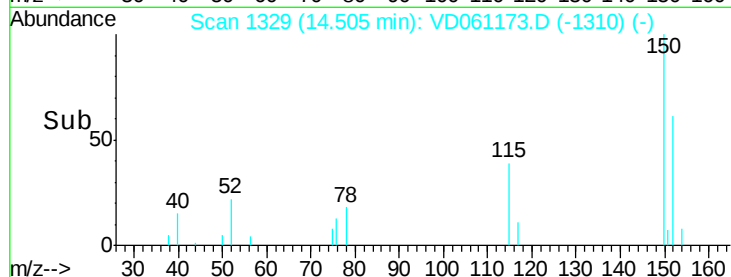
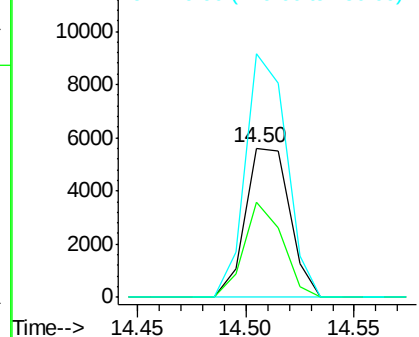
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061173.D
 Acq: 19 Mar 2019 5:57

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:152 Resp: 7951
 Ion Ratio Lower Upper
 152 100
 115 64.2 28.6 85.9
 150 163.3 0.0 310.6

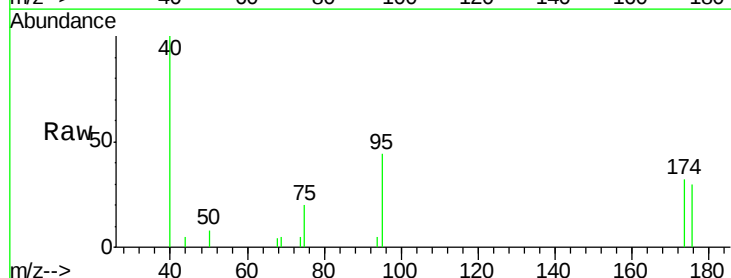


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.880 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD061173.D
 Acq: 19 Mar 2019 5:57

Tgt Ion: 75 Resp: 2559
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 53.00 (52.70 to 53.70): V
 Ion 89.00 (88.70 to 89.70): V

