

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061157.D
 Acq On : 18 Mar 2019 20:41
 Operator : VA/AP
 Sample : K1687-07
 Misc : 6.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 19 02:18:58 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	7.03	168	488678	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	725622	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	378499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	176793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	196716	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
35) Dibromofluoromethane	6.91	113	325106	60.37	ug/l	-0.01
Spiked Amount			Recovery	=	120.74%	
50) Toluene-d8	10.40	98	237721	17.58	ug/l	0.00
Spiked Amount			Recovery	=	35.16%	
62) 4-Bromofluorobenzene	13.55	95	187240	35.68	ug/l	0.00
Spiked Amount			Recovery	=	71.36%	

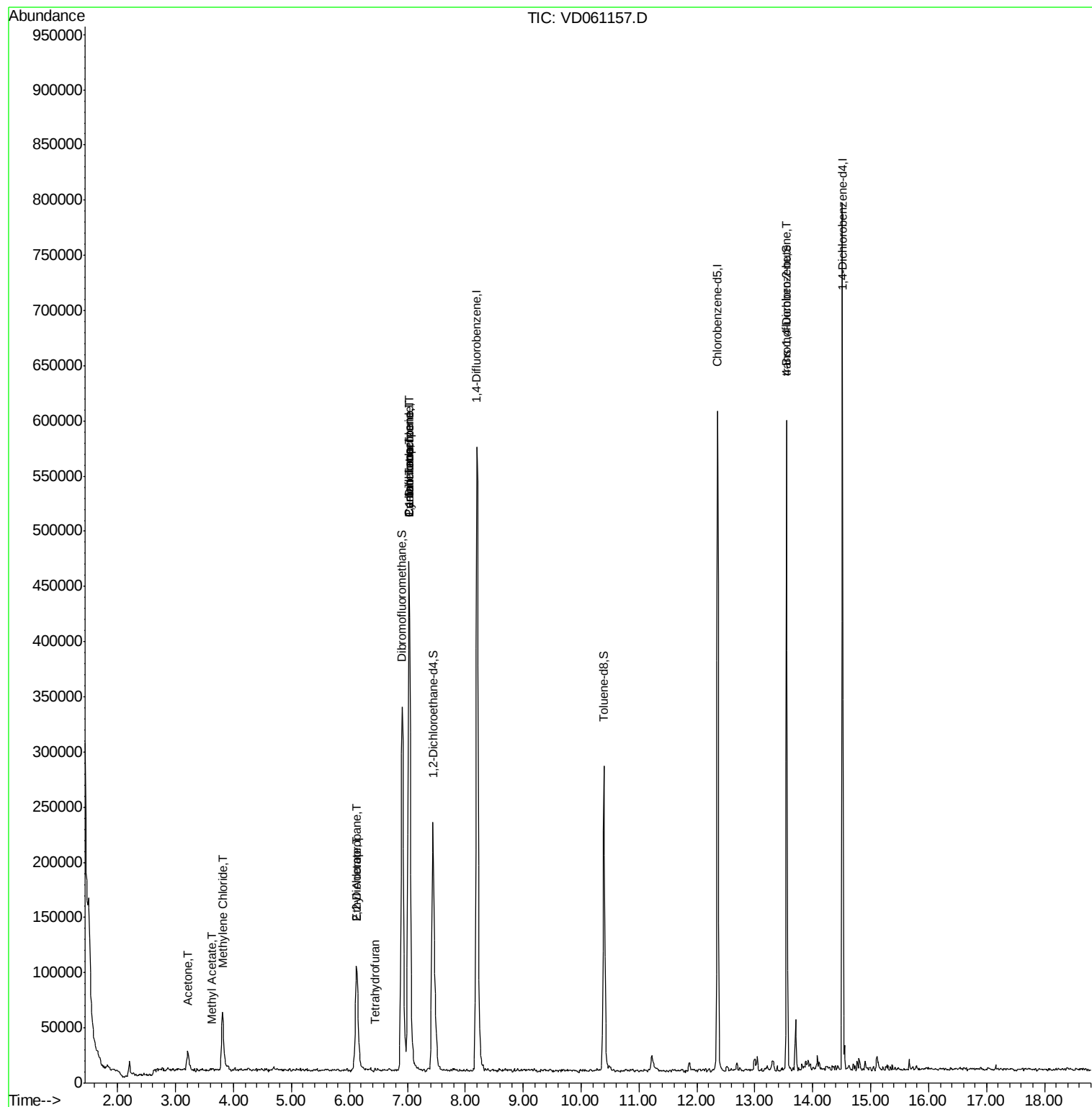
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.21	43	32790	28.190	ug/l	98
18) Methyl Acetate	3.62	43	2890	1.262	ug/l #	59
20) Methylene Chloride	3.81	84	38873	2.940	ug/l #	91
26) 2,2-Dichloropropane	6.12	77	7113	1.021	ug/l #	50
29) Tetrahydrofuran	6.44	42	806	1.125	ug/l #	61
31) Cyclohexane	7.03	56	7757	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	34555	5.525	ug/l #	45
37) Ethyl Acetate	6.12	43	5818	1.982	ug/l #	38
38) Carbon Tetrachloride	7.03	117	45821	6.651	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	65937	87.931	ug/l #	17

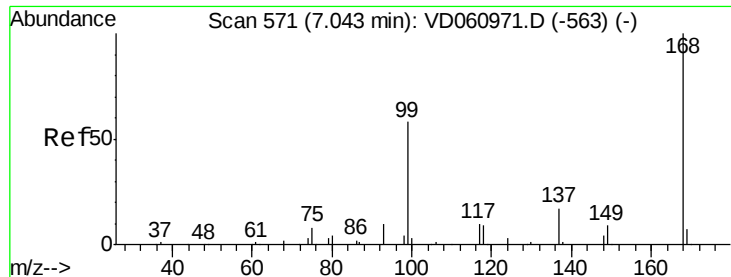
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
Data File : VD061157.D
Acq On : 18 Mar 2019 20:41
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Sample : K1687-07
Misc : 6.05g/5ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 19 02:18:58 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: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

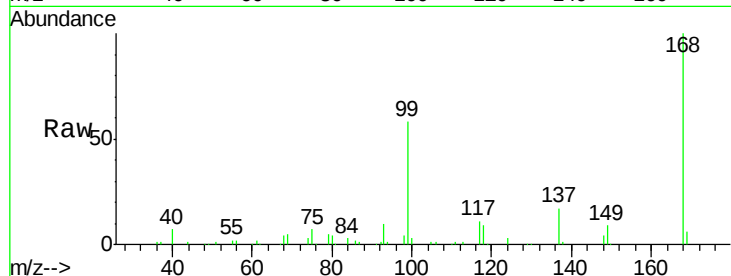
ClientSampleId :

Tot Ion:168 Resp: 488678

Ion Ratio Lower Upper

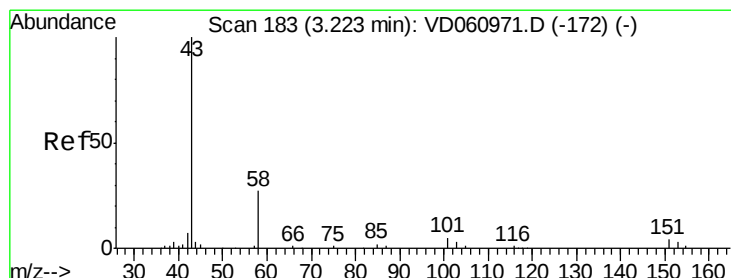
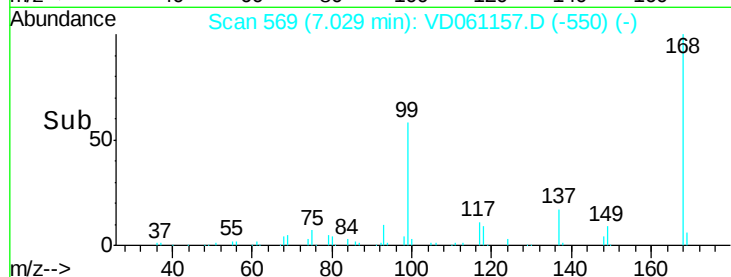
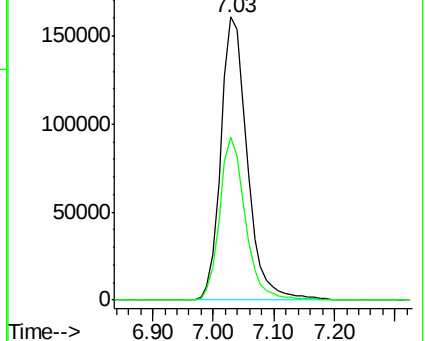
168 100

99 57.7 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: 28.190 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061157.D

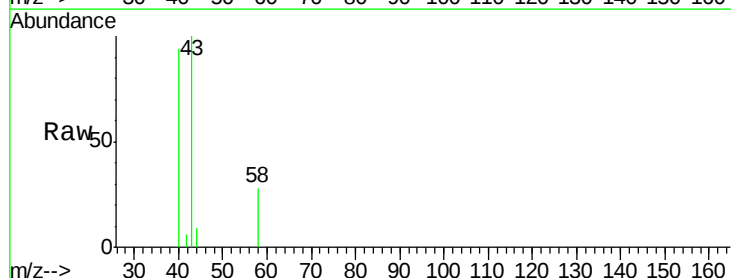
Acq: 18 Mar 2019 20:41

Tgt Ion: 43 Resp: 32790

Ion Ratio Lower Upper

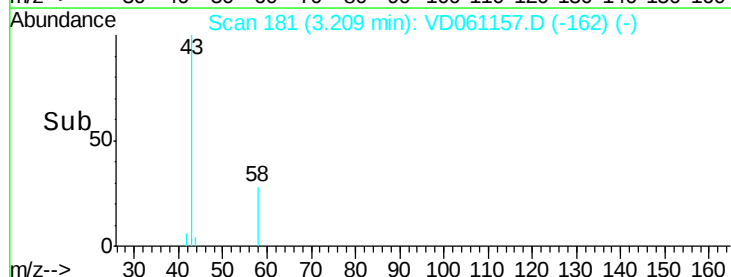
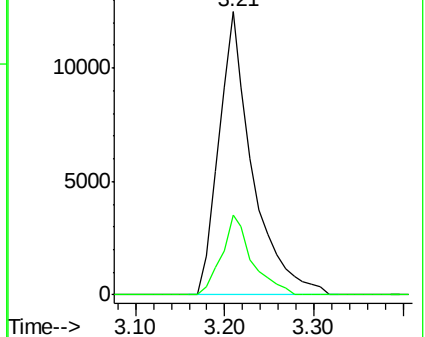
43 100

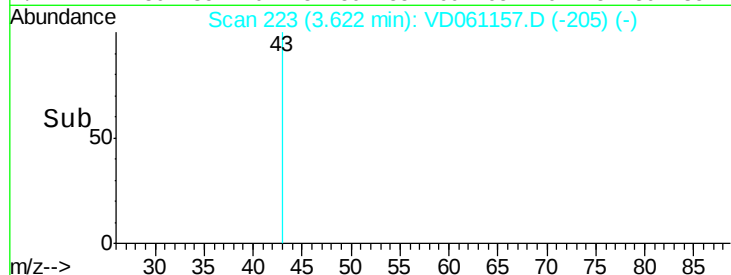
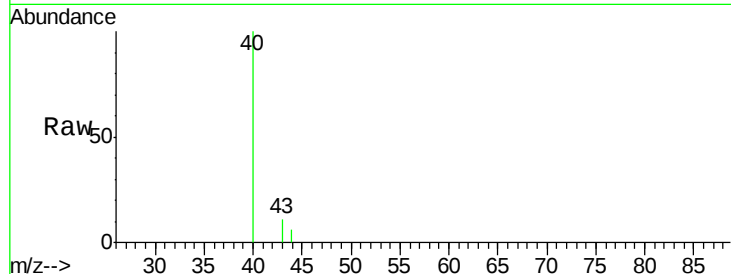
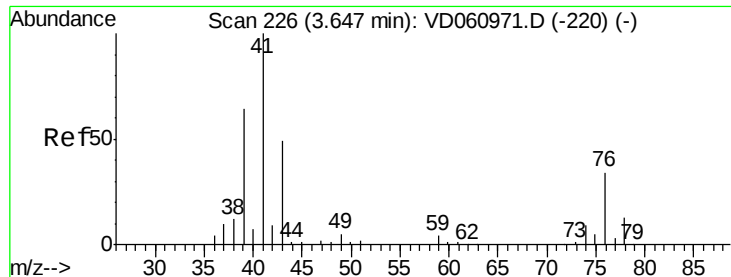
58 28.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

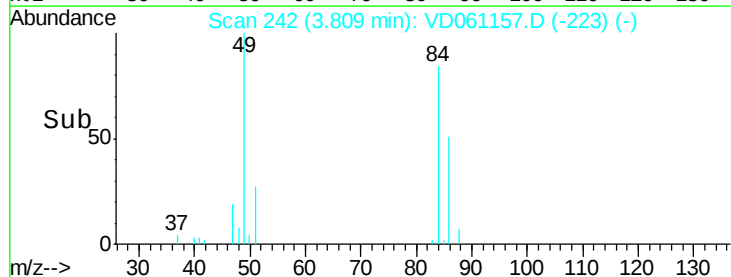
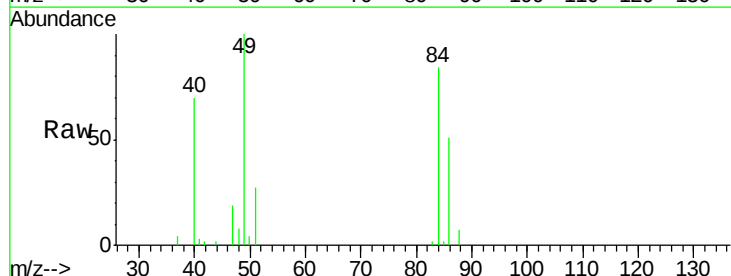
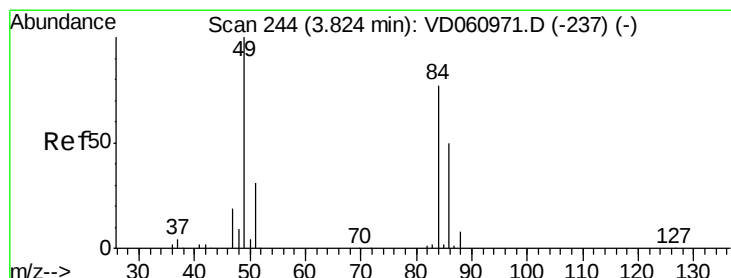
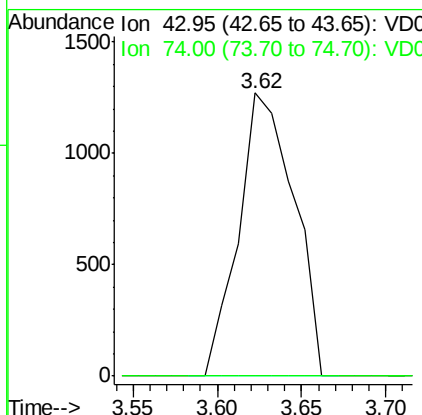




#18
Methyl Acetate
Concen: 1.262 ug/l
RT: 3.62 min Scan# 223
Delta R.T. -0.02 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

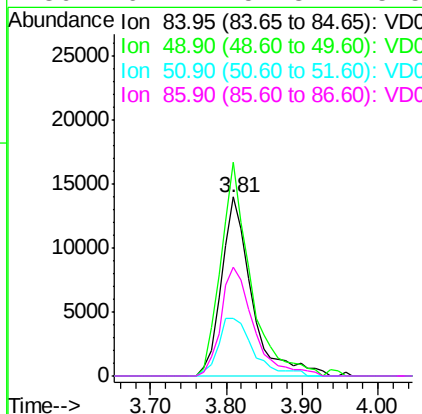
Instrument :
MSVOA_D
ClientSampleID :

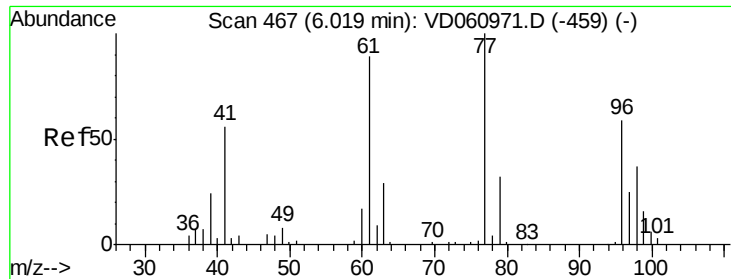
Tot Ion: 43 Resp: 2890
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#



#20
Methylene Chloride
Concen: 2.940 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Tgt Ion: 84 Resp: 38873
Ion Ratio Lower Upper
84 100
49 119.3 104.2 156.2
51 32.1 32.3 48.5#
86 61.1 52.3 78.5





#26

2,2-Dichloropropane

Concen: 1.021 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.10 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

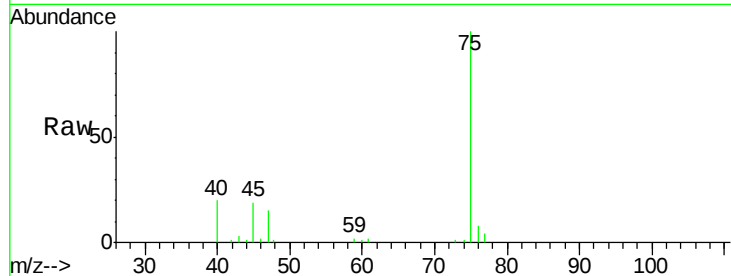
ClientSampled :

Tot Ion: 77 Resp: 7113

Ion Ratio Lower Upper

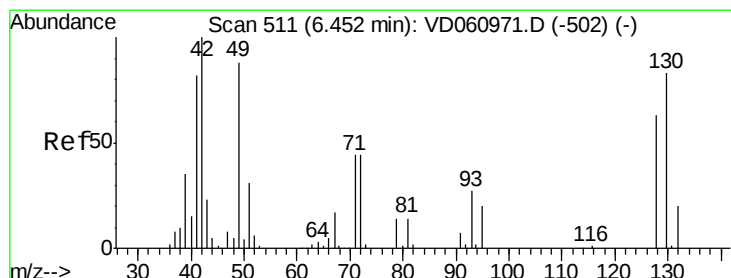
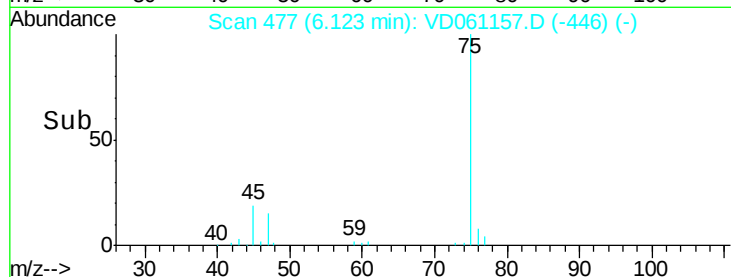
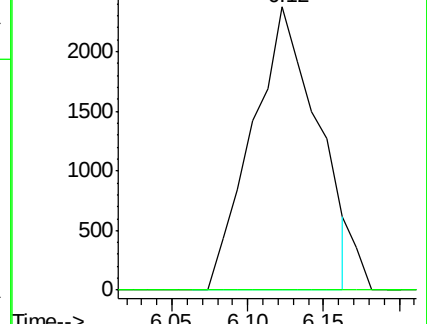
77 100

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



#29

Tetrahydrofuran

Concen: 1.125 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.01 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

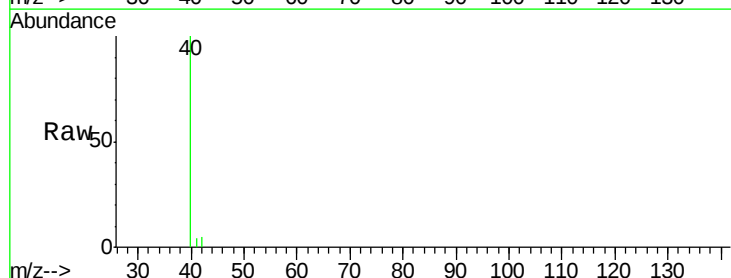
Tgt Ion: 42 Resp: 806

Ion Ratio Lower Upper

42 100

72 35.0 34.5 51.7

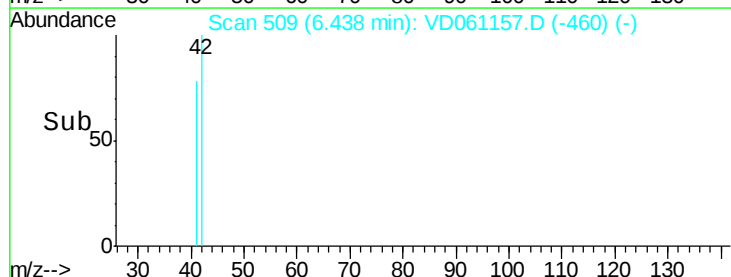
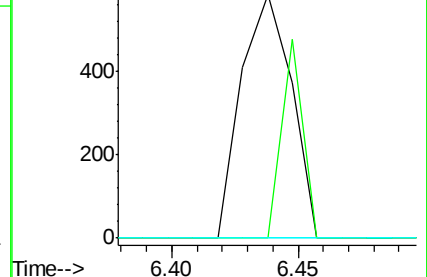
71 0.0 33.8 50.6#

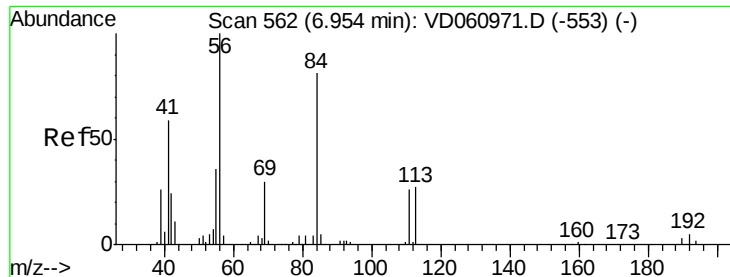


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

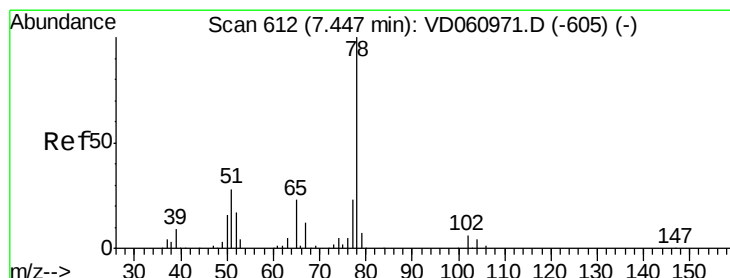
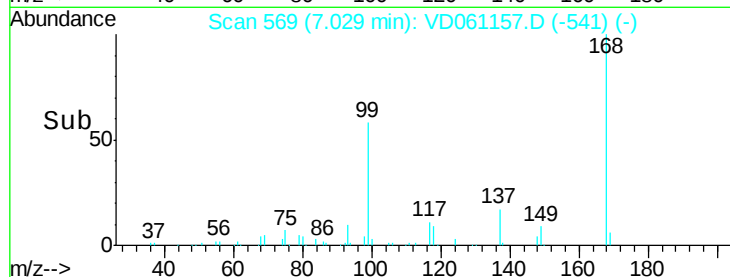
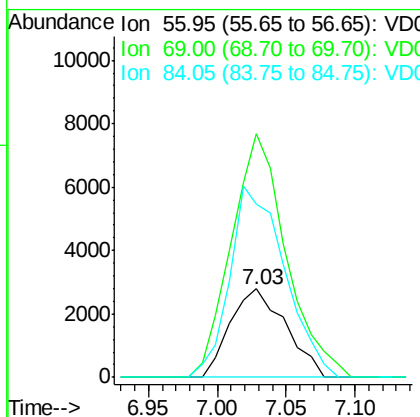
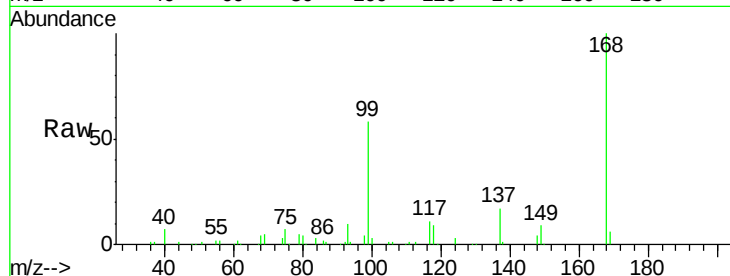




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

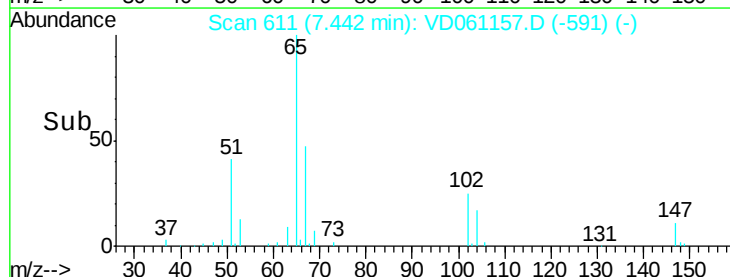
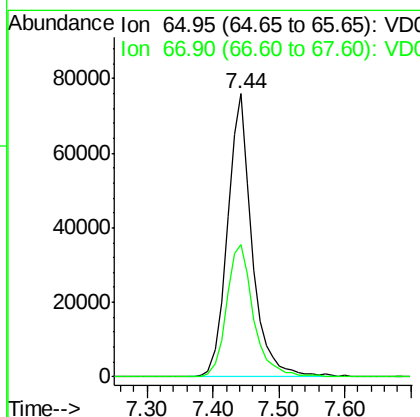
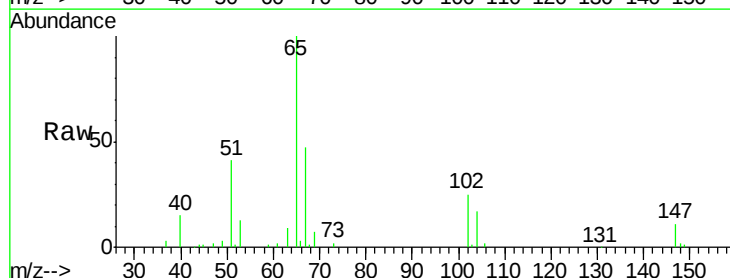
Instrument :
MSVOA_D
ClientSampled :

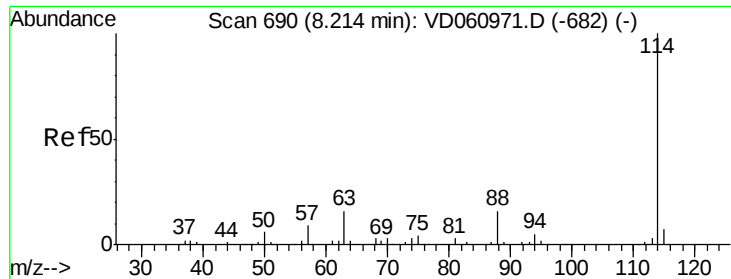
Tot Ion: 56 Resp: 7757
Ion Ratio Lower Upper
56 100
69 275.5 24.0 36.0#
84 195.6 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Tgt Ion: 65 Resp: 196716
Ion Ratio Lower Upper
65 100
67 46.6 0.0 105.2

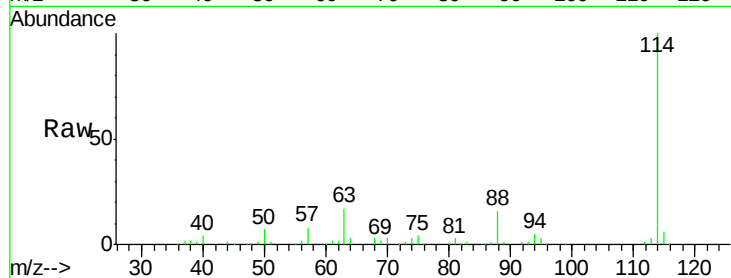




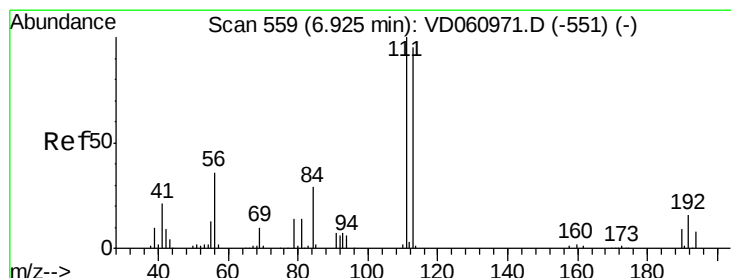
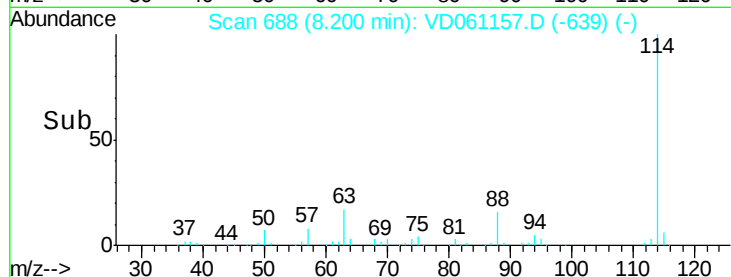
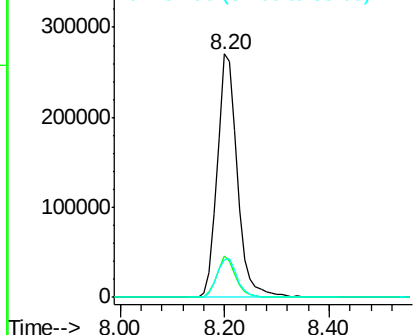
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 725622
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.4
 88 15.7 0.0 33.0

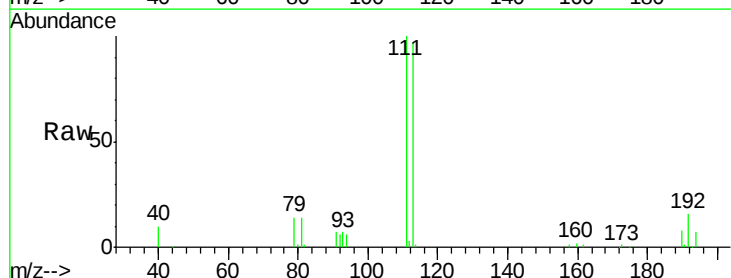


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

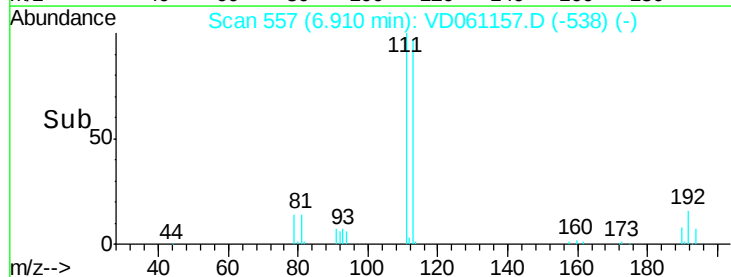
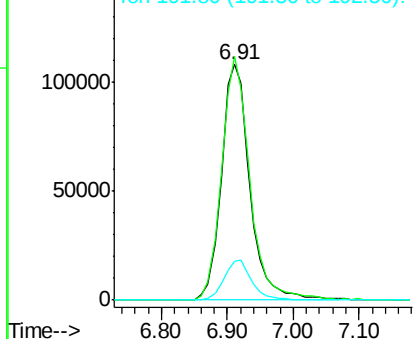


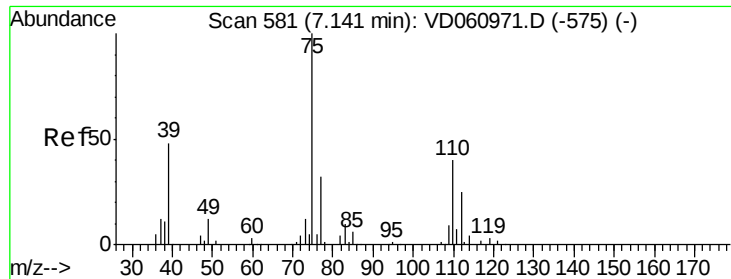
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

Tgt Ion:113 Resp: 325106
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.2 126.4
 192 16.6 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

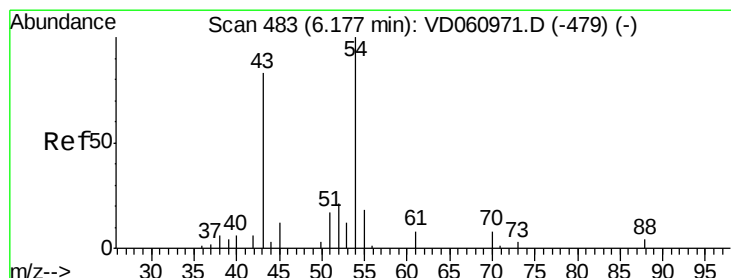
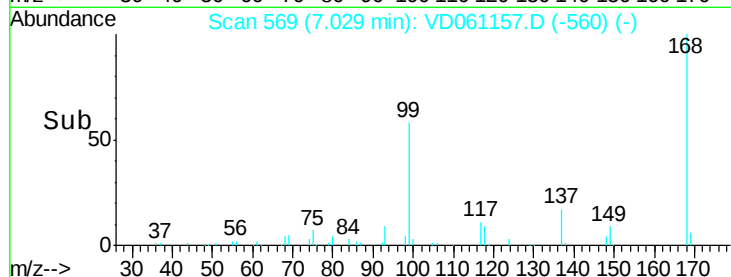
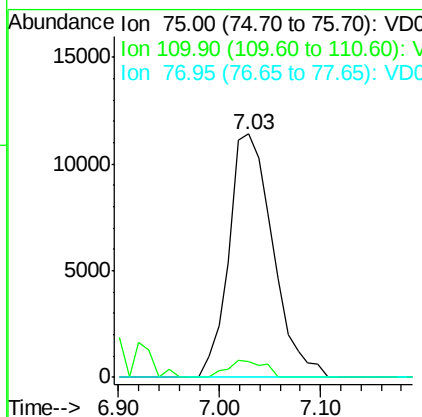
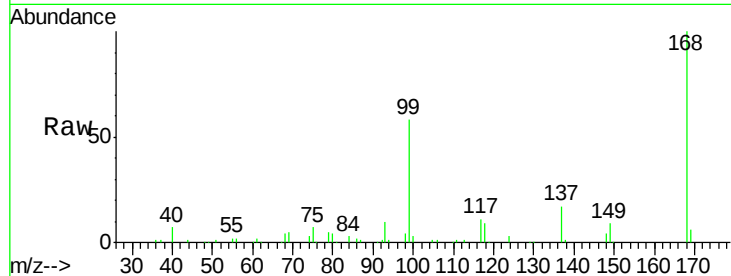




#36
 1,1-Dichloropropene
 Concen: 5.525 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.11 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

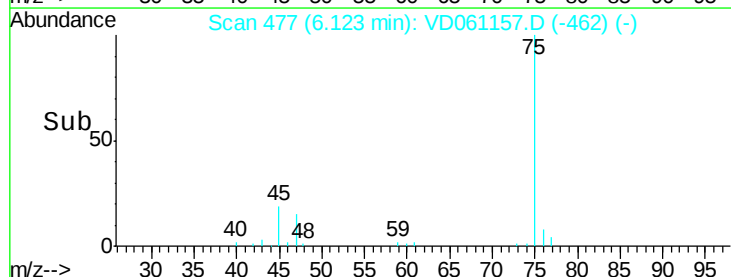
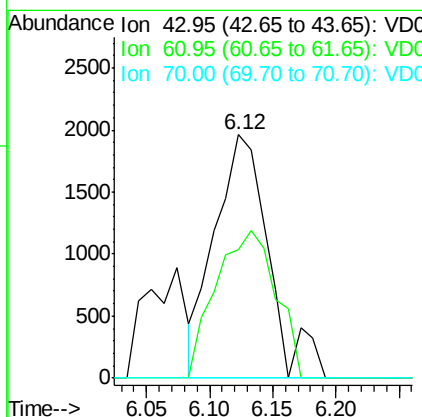
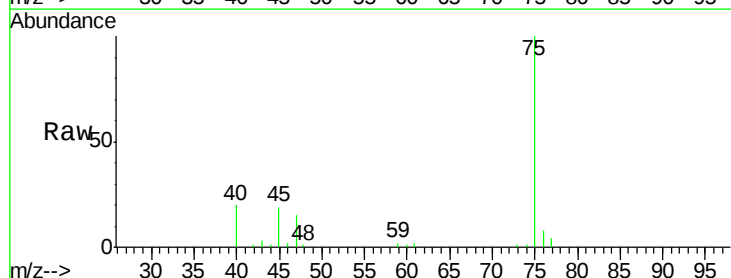
Instrument :
 MSVOA_D
 ClientSampleId :

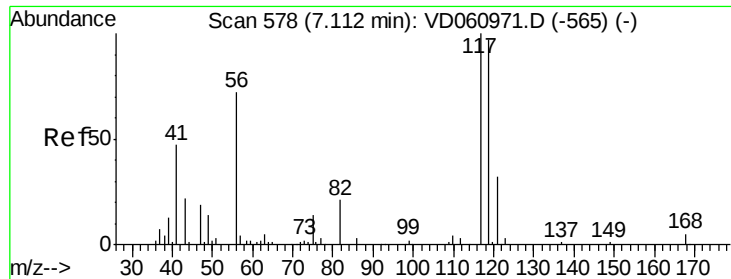
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.3	19.7	59.1#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.982 ug/l
 RT: 6.12 min Scan# 477
 Delta R.T. -0.05 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	52.6	13.7	20.5#
70	0.0	7.1	10.7#





#38

Carbon Tetrachloride

Concen: 6.651 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.08 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

ClientSampleId :

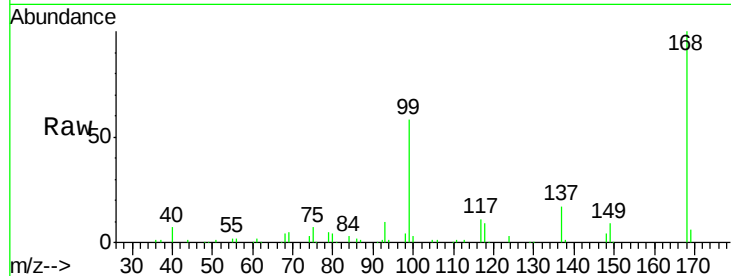
Tot Ion:117 Resp: 45821

Ion Ratio Lower Upper

117 100

119 4.1 77.8 116.8#

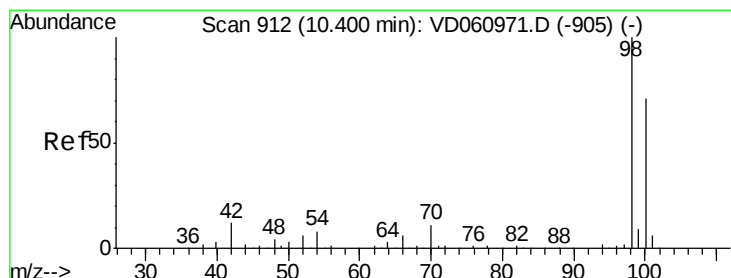
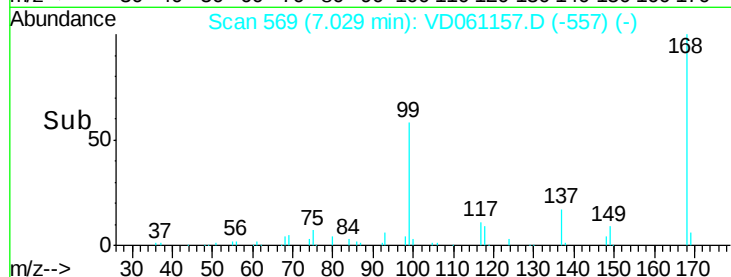
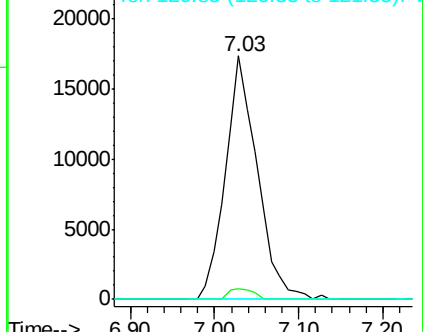
121 0.0 25.3 37.9#



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: N.D. ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD061157.D

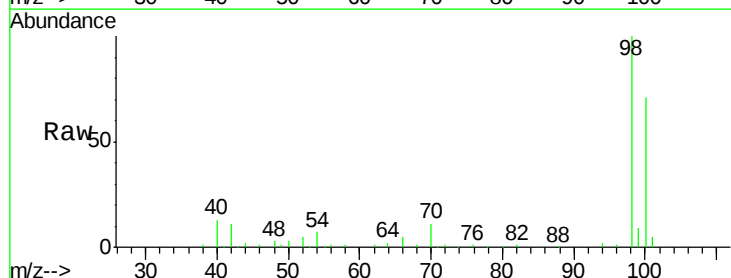
Acq: 18 Mar 2019 20:41

Tgt Ion: 98 Resp: 237721

Ion Ratio Lower Upper

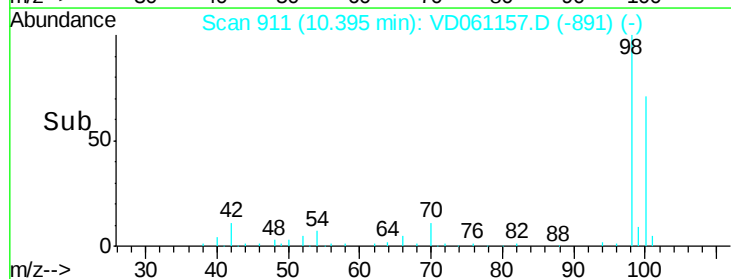
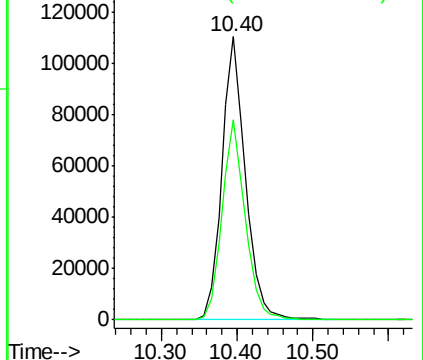
98 100

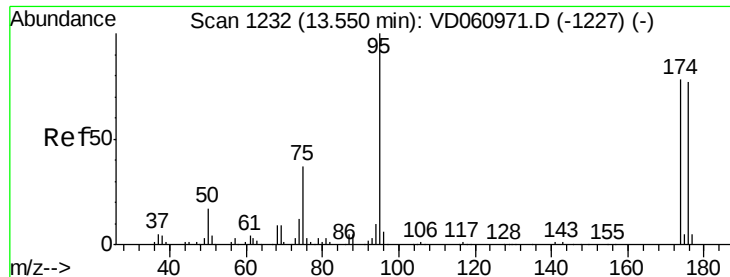
100 70.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

ClientSampleId :

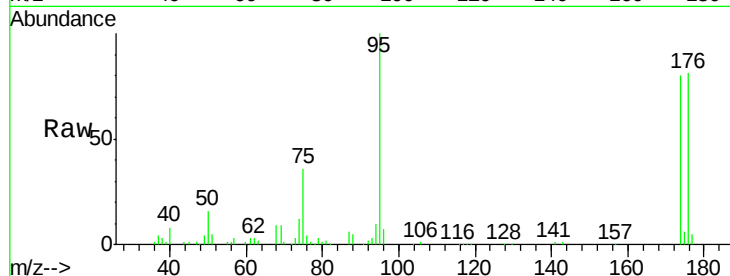
Tot Ion: 95 Resp: 187240

Ion Ratio Lower Upper

95 100

174 80.3 0.0 155.6

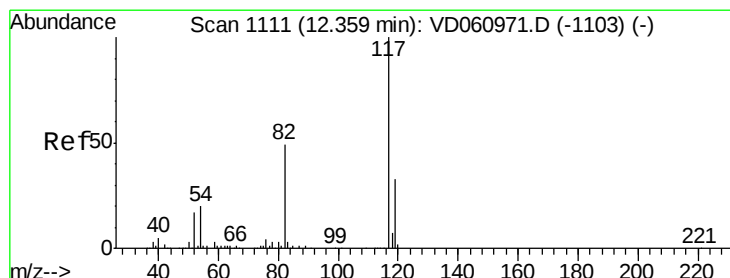
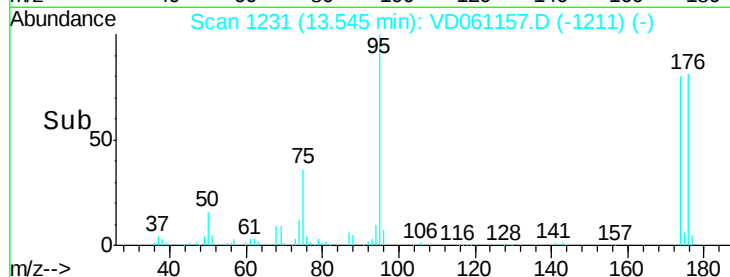
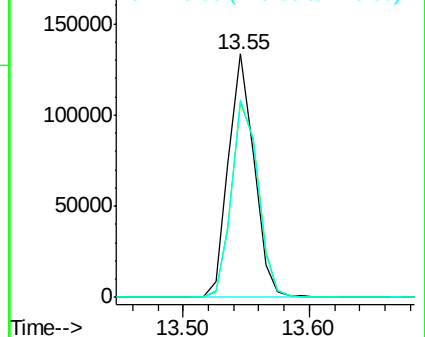
176 80.9 0.0 153.8



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: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

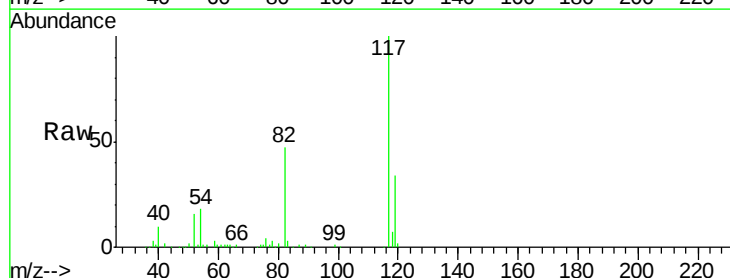
Tgt Ion: 117 Resp: 378499

Ion Ratio Lower Upper

117 100

82 46.7 38.9 58.3

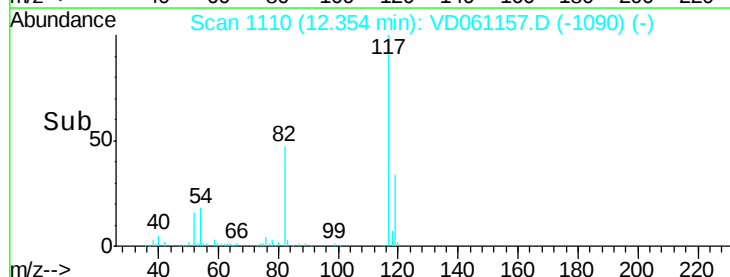
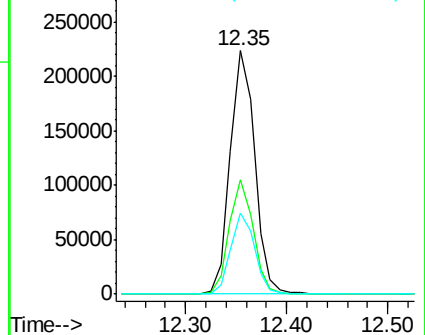
119 33.5 26.6 39.8

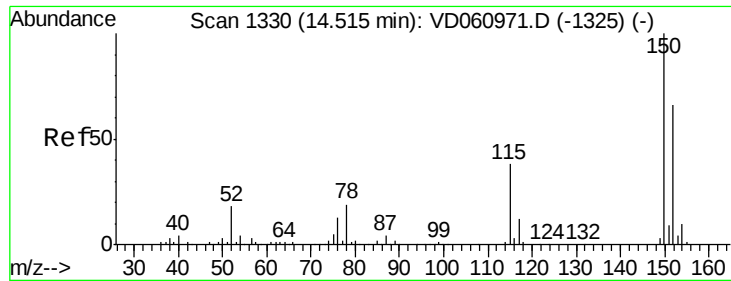


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



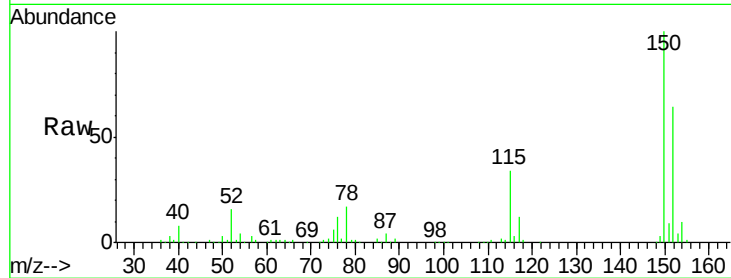


#72

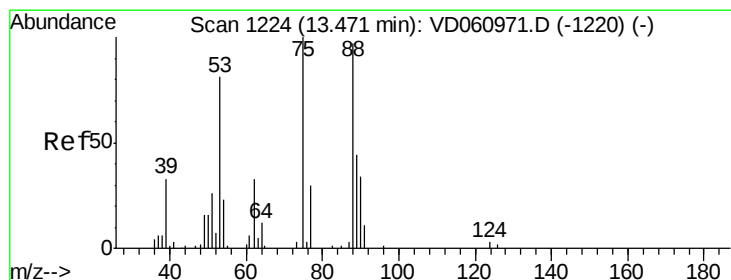
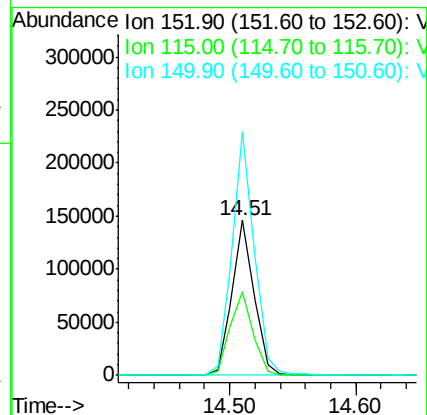
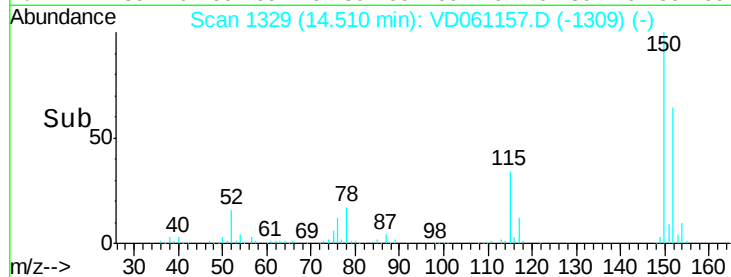
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 176793
Ion Ratio Lower Upper
152 100
115 54.1 28.6 85.9
150 157.1 0.0 310.6



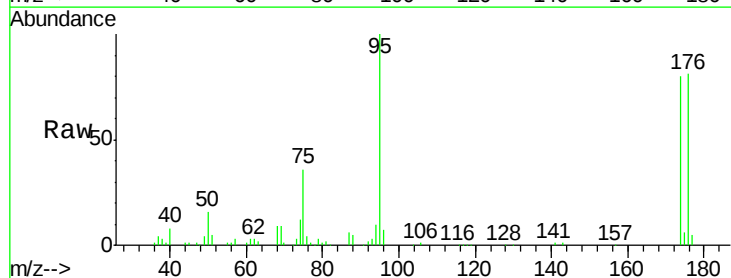
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 87.931 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Tgt Ion: 75 Resp: 65937
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): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

