

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061486.D
 Acq On : 1 Apr 2019 23:22
 Operator : VA/AP
 Sample : K2186-11
 Misc : 4.90µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:21:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	287094	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	507118	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	389879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	113820	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	170877	69.68	ug/l	0.01
Spiked Amount			Recovery	=	139.36%	
35) Dibromofluoromethane	6.91	113	222354	57.38	ug/l	0.01
Spiked Amount			Recovery	=	114.76%	
50) Toluene-d8	10.40	98	407247	43.81	ug/l	0.01
Spiked Amount			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	13.55	95	149180	41.85	ug/l	0.00
Spiked Amount			Recovery	=	83.70%	

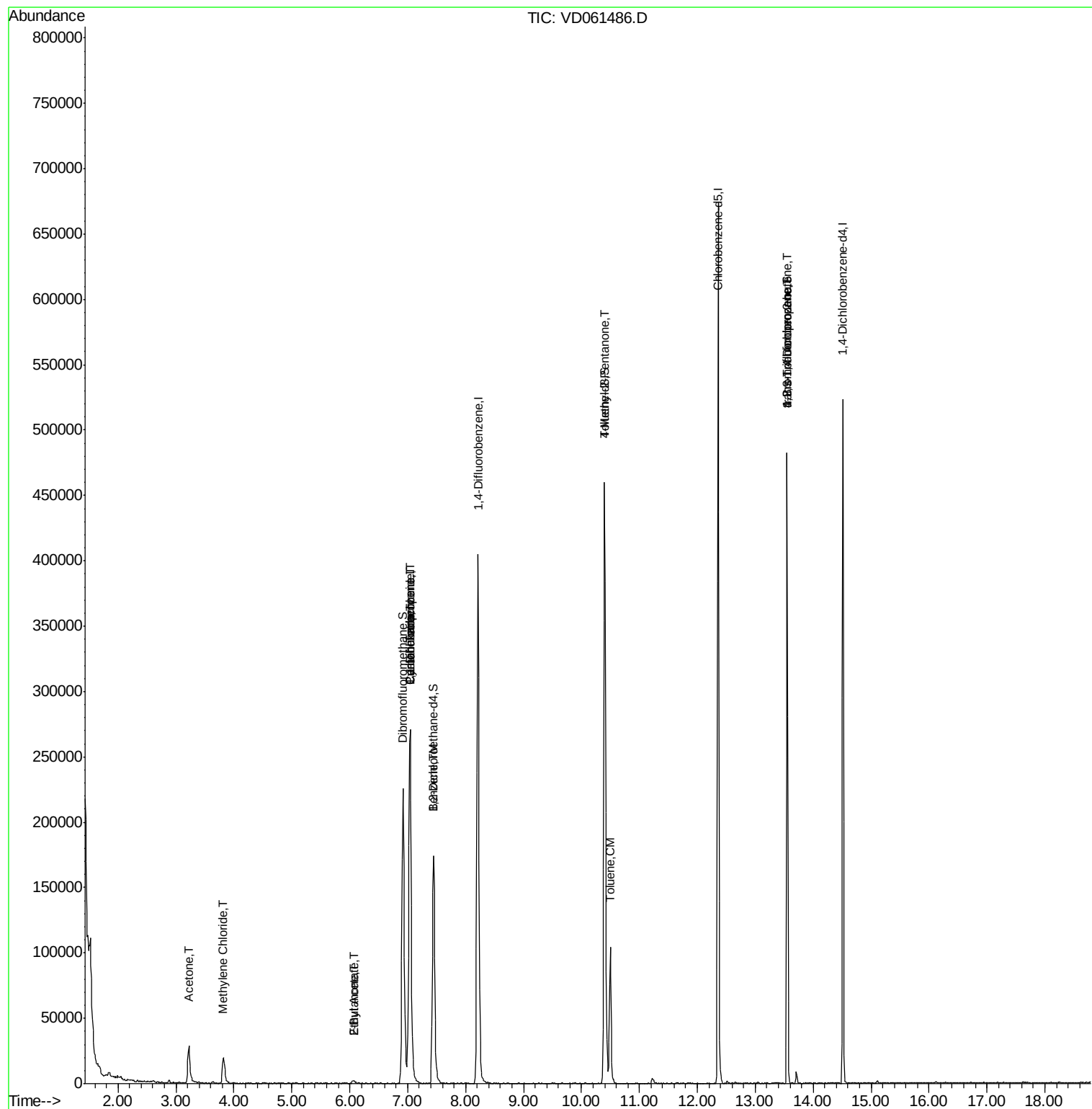
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	58800	93.267	ug/l #	87
20) Methylene Chloride	3.81	84	15919	2.691	ug/l #	92
25) 2-Butanone	6.07	43	6491	8.185	ug/l #	54
31) Cyclohexane	7.03	56	4994	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	20890	4.720	ug/l #	45
37) Ethyl Acetate	6.07	43	6491	3.429	ug/l #	65
38) Carbon Tetrachloride	7.04	117	26772	5.264	ug/l #	14
40) Benzene	7.45	78	18724	1.686	ug/l #	89
51) 4-Methyl-2-Pentanone	10.40	43	1707	1.019	ug/l #	1
52) Toluene	10.50	92	55868	8.244	ug/l	95
76) 1,2,3-Trichloropropane	13.55	75	38991	23.715	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	55292	110.296	ug/l #	18

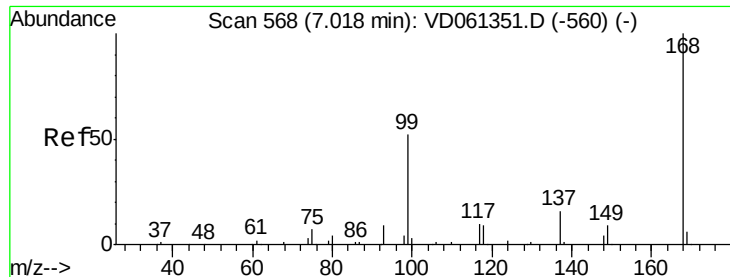
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061486.D
Acq On : 1 Apr 2019 23:22
Operator : VA/AP
Sample : K2186-11
Misc : 4.90µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:21:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

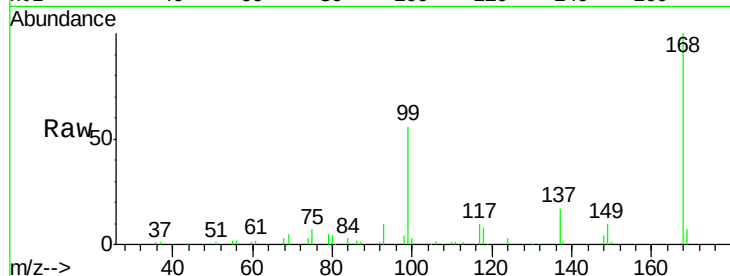
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 287094

Ion Ratio Lower Upper

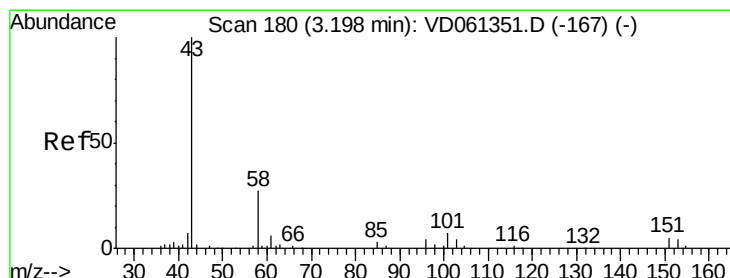
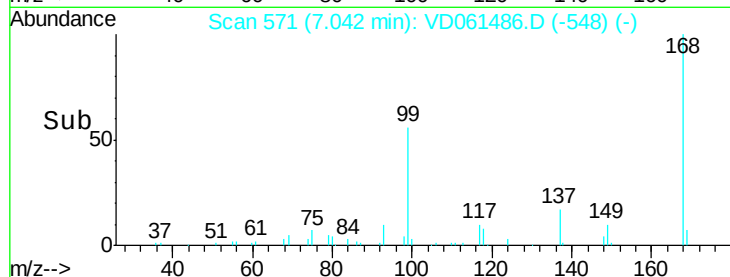
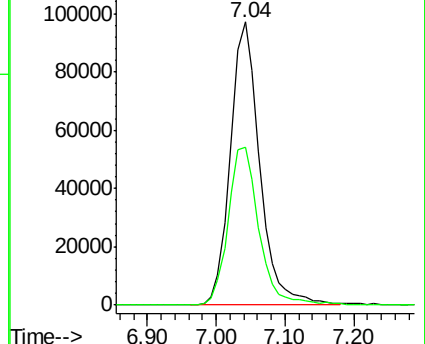
168 100

99 55.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 93.267 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061486.D

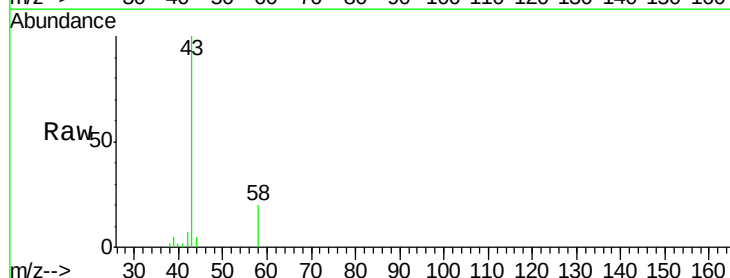
Acq: 1 Apr 2019 23:22

Tgt Ion: 43 Resp: 58800

Ion Ratio Lower Upper

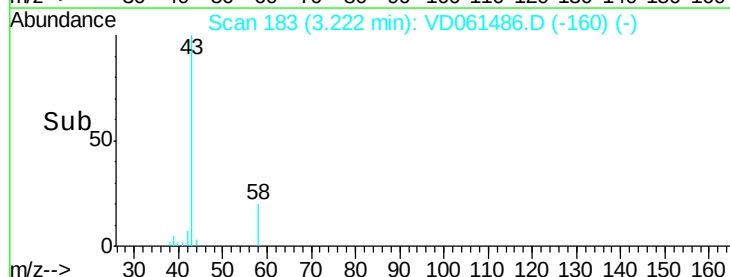
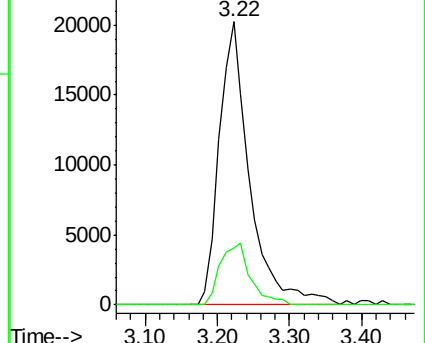
43 100

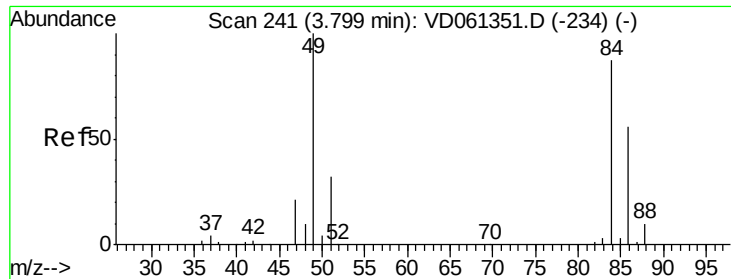
58 20.2 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

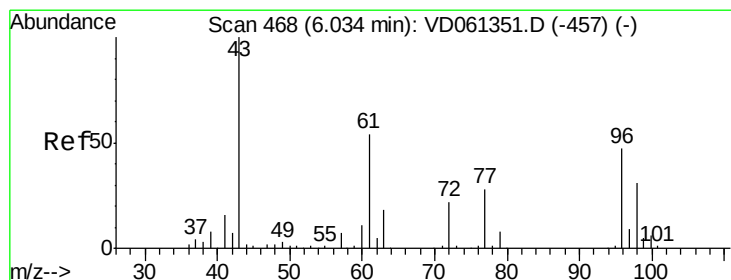
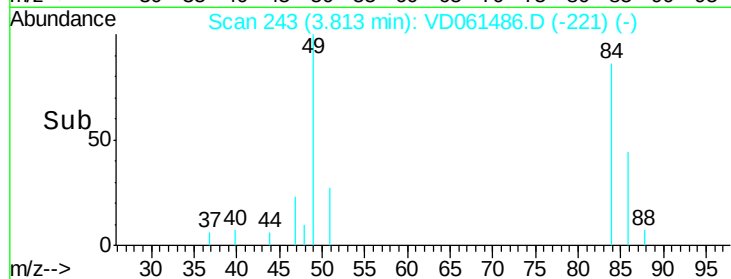
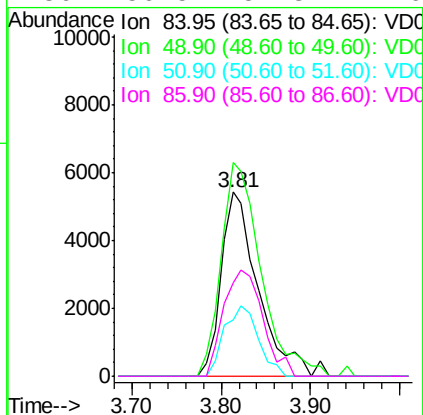
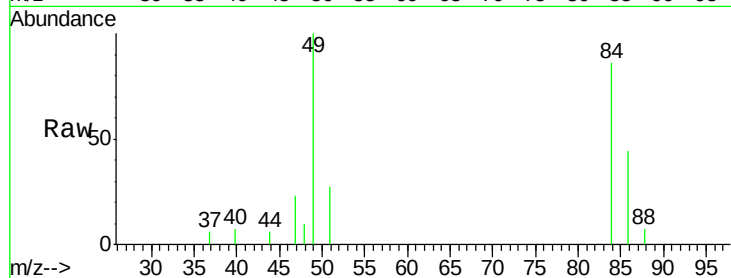




#20
Methylene Chloride
Concen: 2.691 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

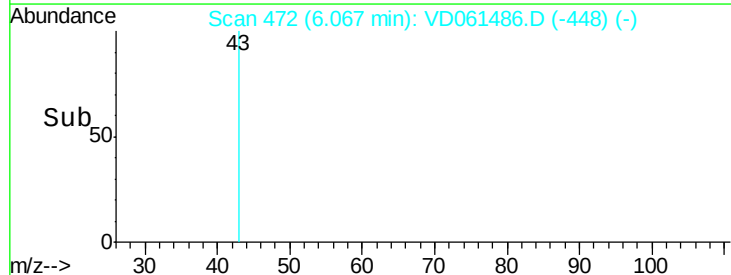
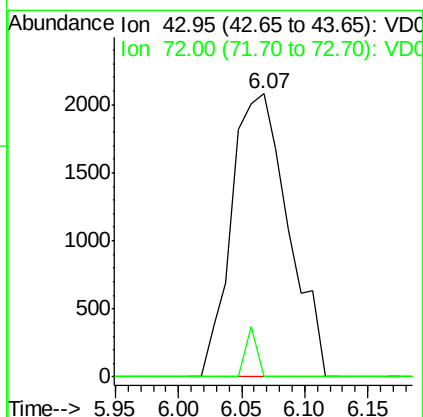
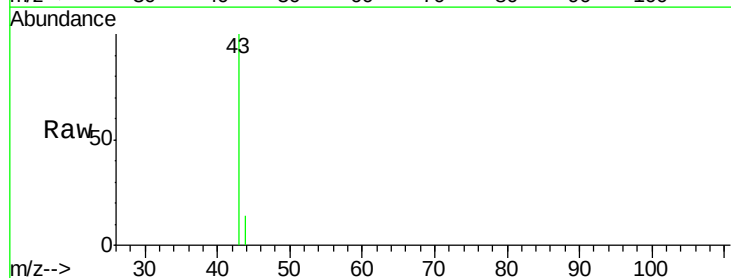
Instrument :
MSVOA_D
ClientSampleID :

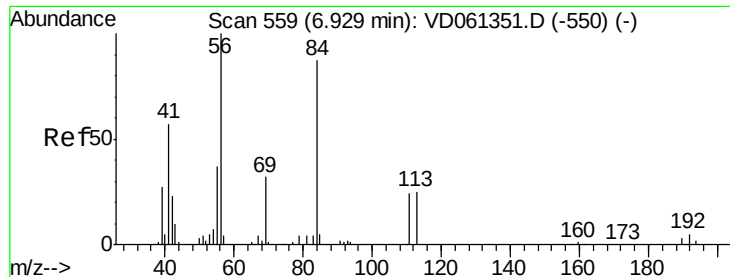
Tot Ion: 84 Resp: 15919
Ion Ratio Lower Upper
84 100
49 115.9 91.8 137.8
51 30.9 29.8 44.8
86 50.5 51.8 77.6#



#25
2-Butanone
Concen: 8.185 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.03 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion: 43 Resp: 6491
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#

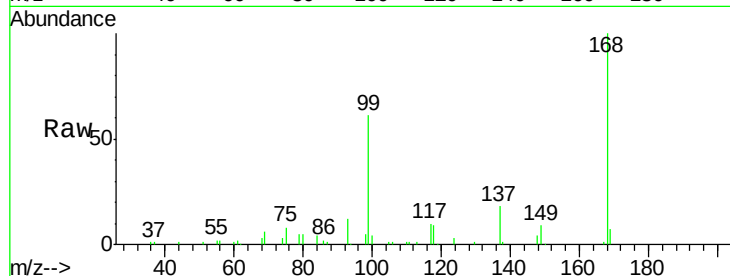




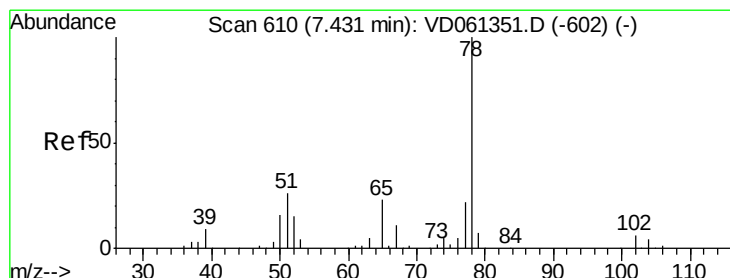
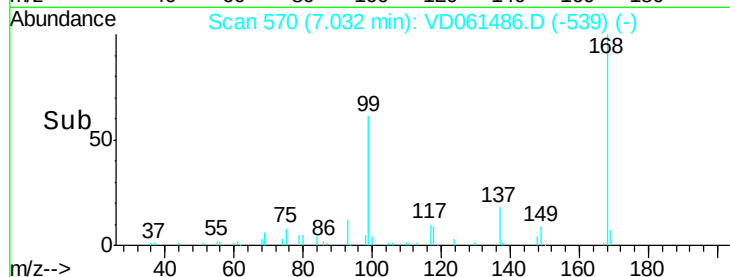
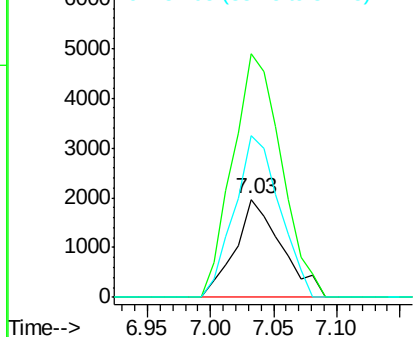
#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 4994
Ion Ratio Lower Upper
56 100
69 248.4 25.7 38.5#
84 165.3 70.6 105.8#

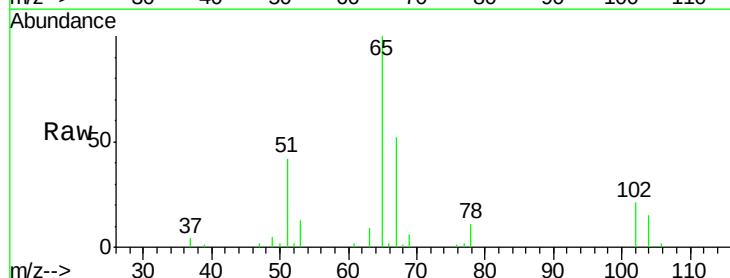


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

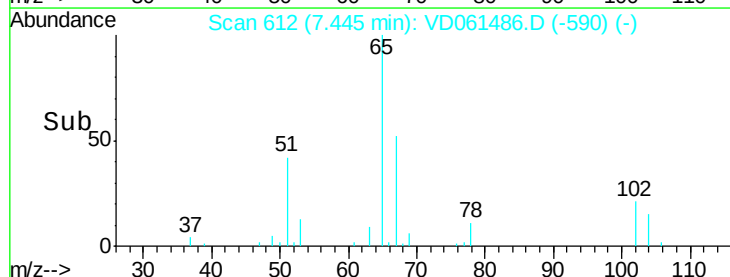
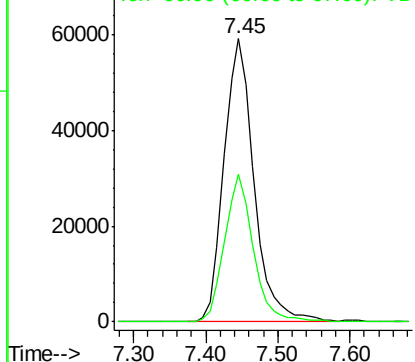


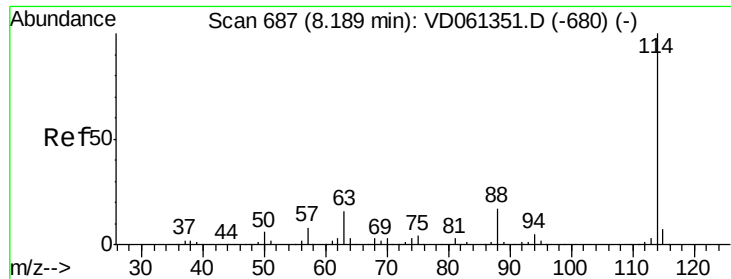
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion: 65 Resp: 170877
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

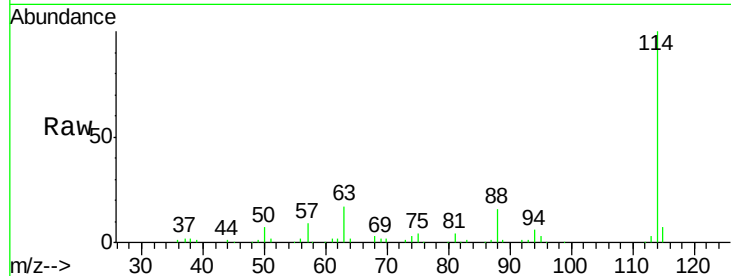




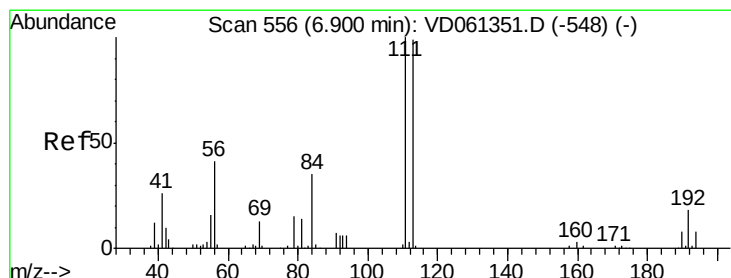
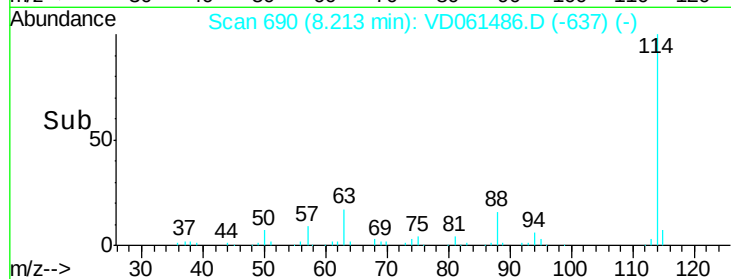
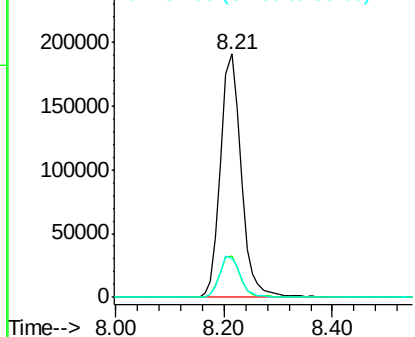
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 507118
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 31.6
 88 16.0 0.0 33.4

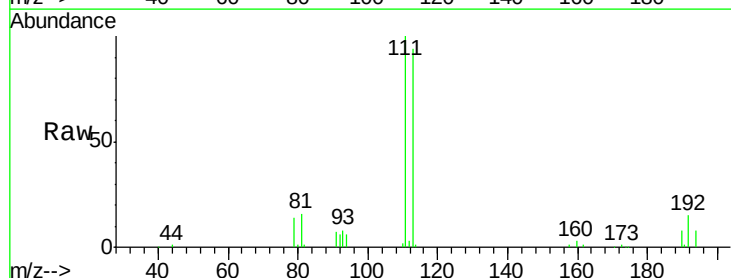


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

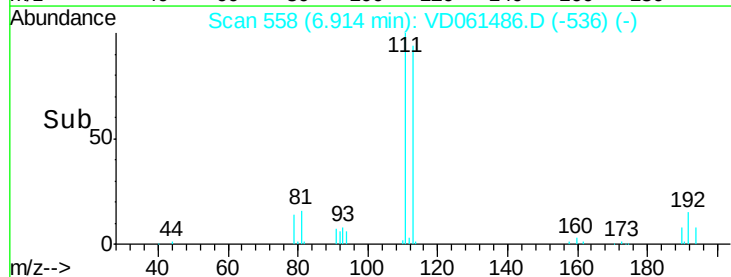
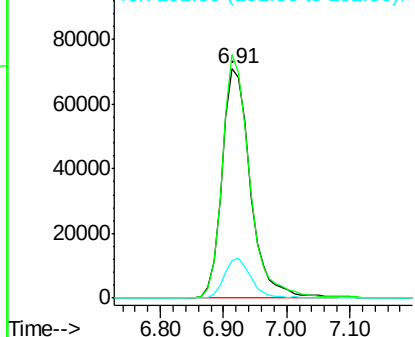


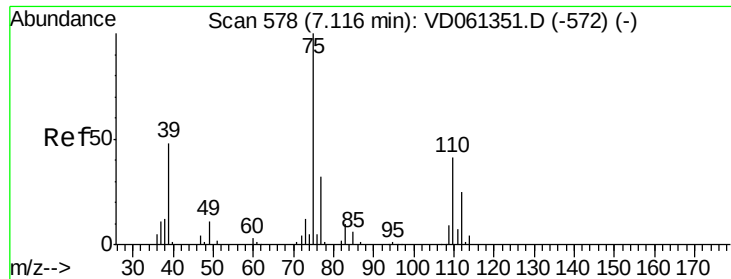
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

Tgt Ion:113 Resp: 222354
 Ion Ratio Lower Upper
 113 100
 111 106.1 81.0 121.6
 192 16.4 14.4 21.6



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

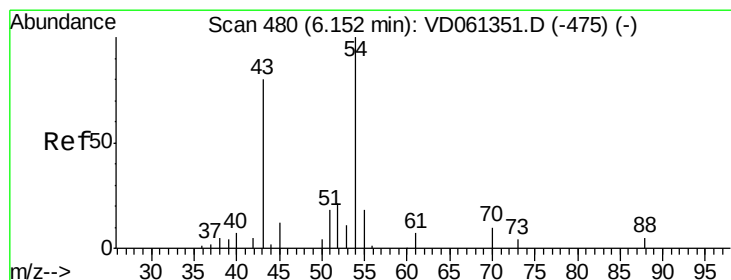
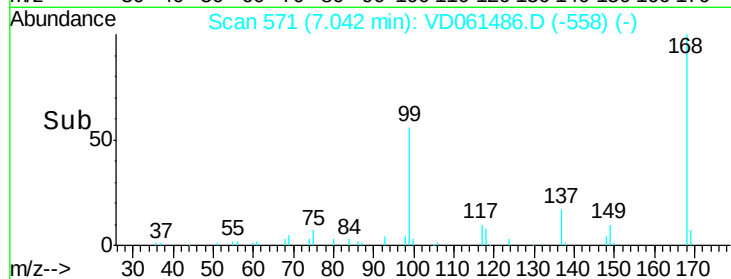
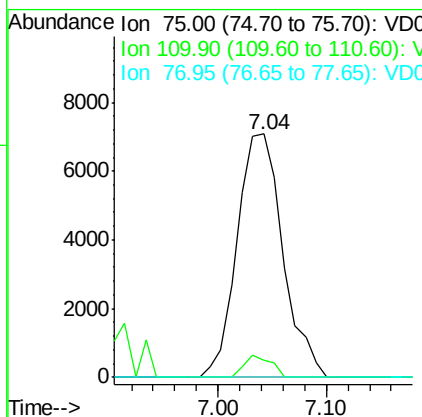
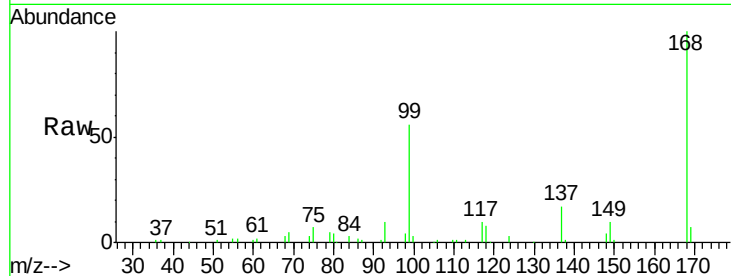




#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

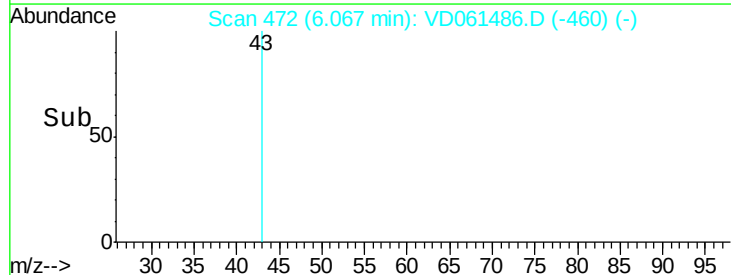
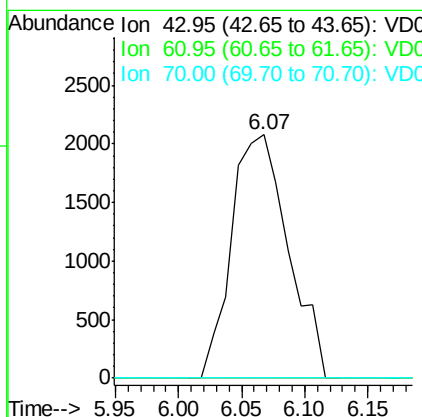
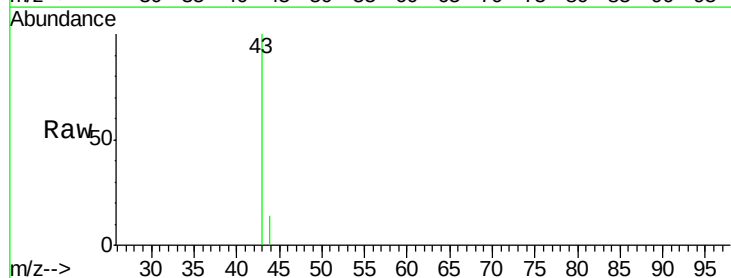
Instrument :
 MSVOA_D
 ClientSampleId :

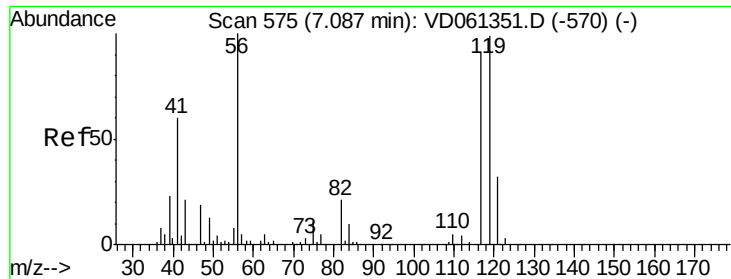
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.0	20.4	61.3#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 3.429 ug/l
 RT: 6.07 min Scan# 472
 Delta R.T. -0.08 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.8	20.8#
70	0.0	7.8	11.8#

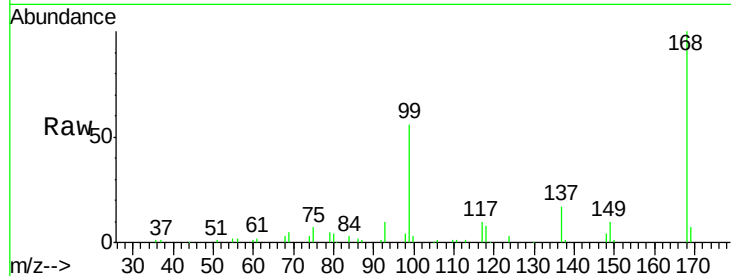




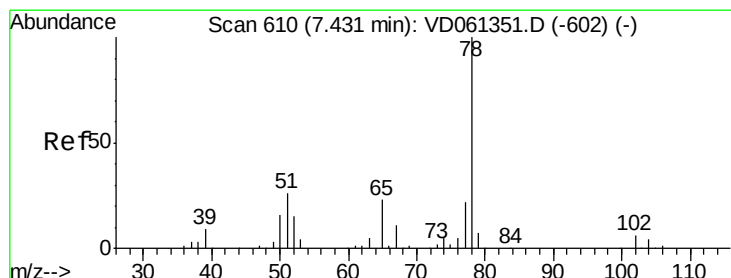
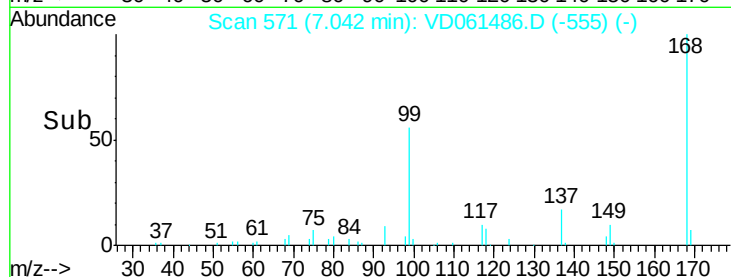
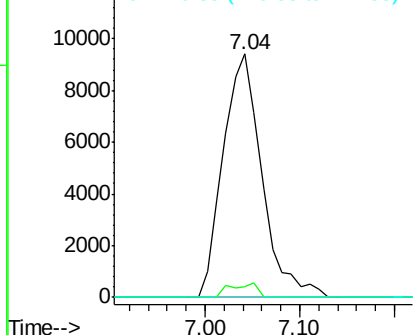
#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 26772
Ion Ratio Lower Upper
117 100
119 4.4 80.1 120.1#
121 0.0 25.6 38.4#

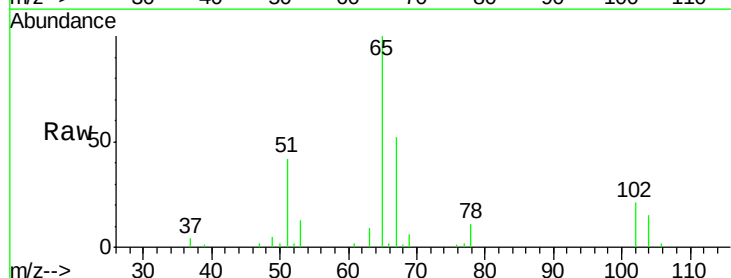


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

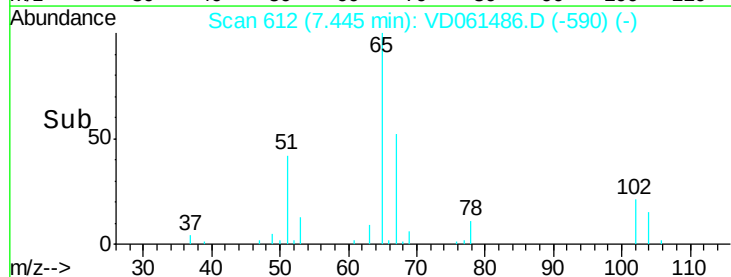
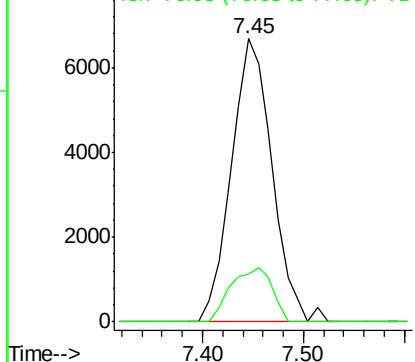


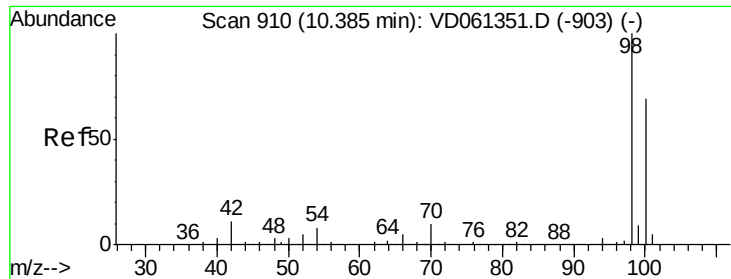
#40
Benzene
Concen: 1.686 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion: 78 Resp: 18724
Ion Ratio Lower Upper
78 100
77 17.1 17.8 26.6#



Abundance Ion 77.95 (77.65 to 78.65): V
Ion 76.95 (76.65 to 77.65): V

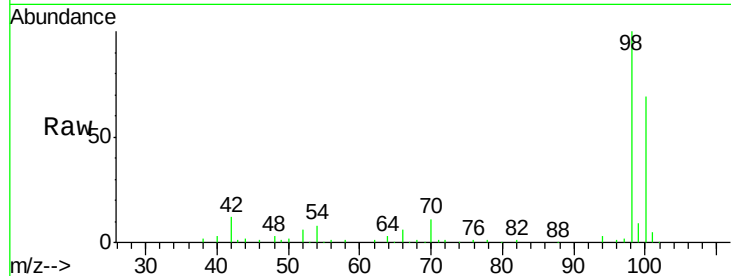




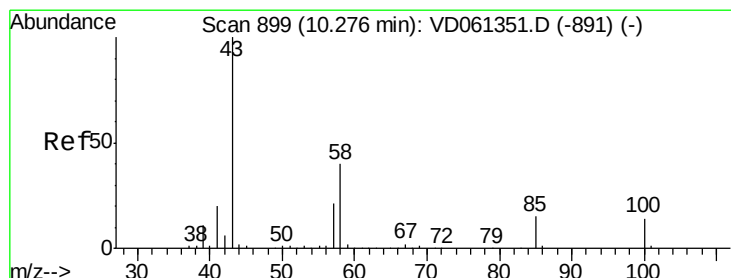
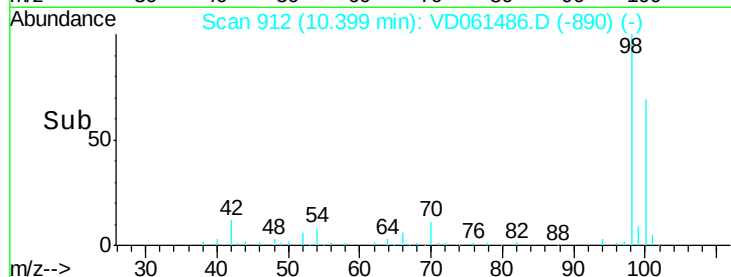
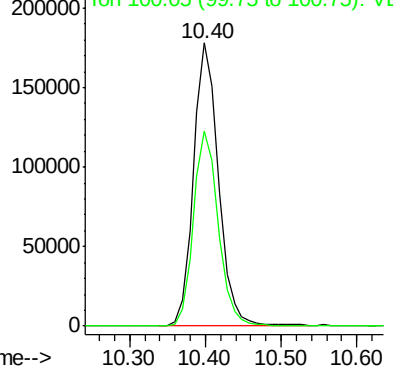
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 407247
Ion Ratio Lower Upper
98 100
100 68.9 56.2 84.2

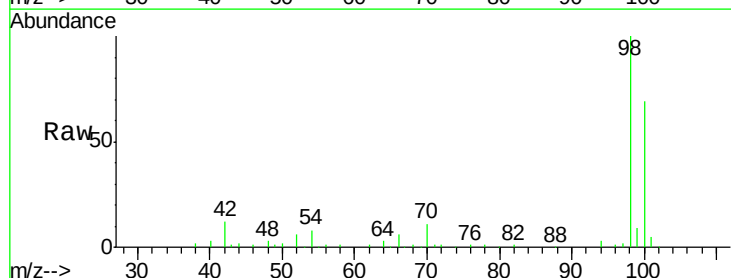


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

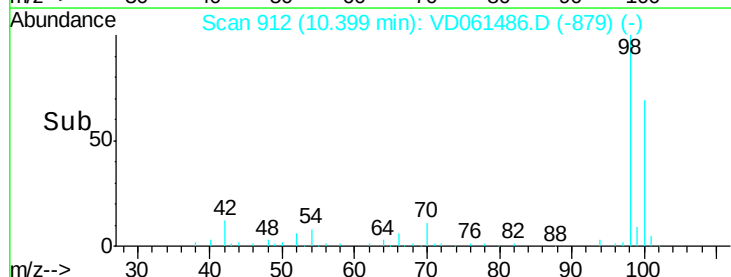
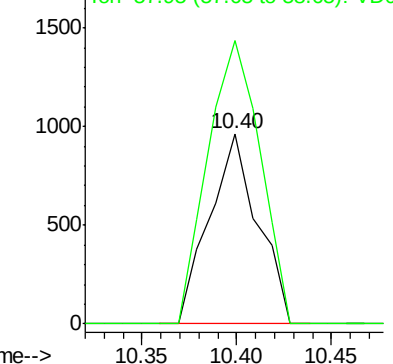


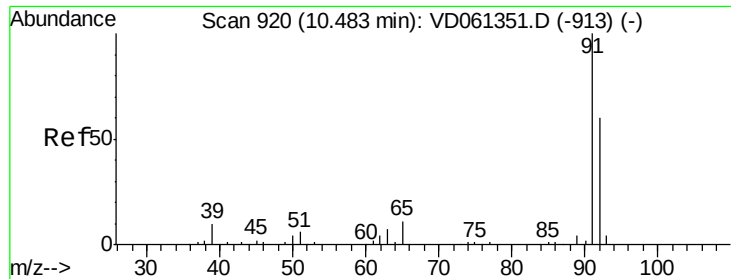
#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.12 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
58 148.6 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061351.D (-891) (-)
Ion 57.95 (57.65 to 58.65): VD061351.D (-891) (-)





#52

Toluene

Concen: 8.244 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

Instrument :

MSVOA_D

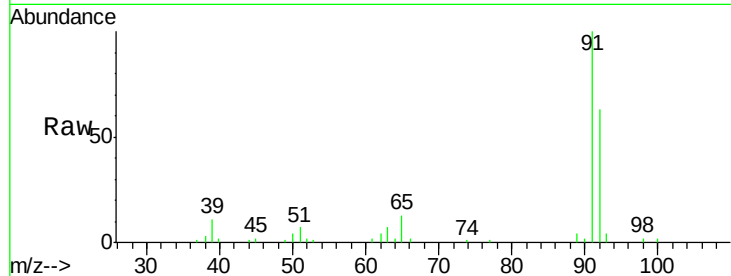
ClientSampleId :

Tot Ion: 92 Resp: 55868

Ion Ratio Lower Upper

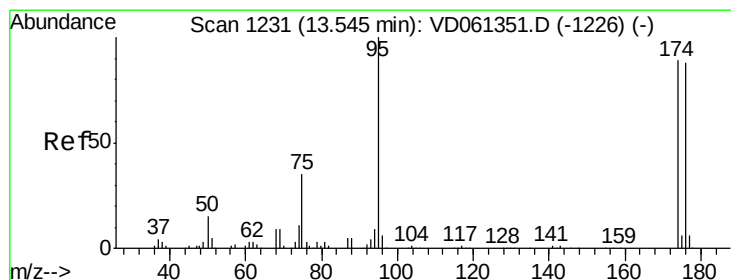
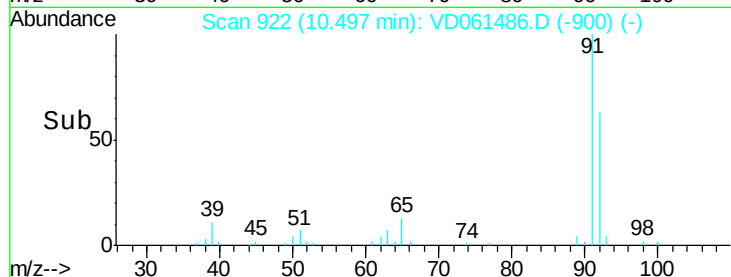
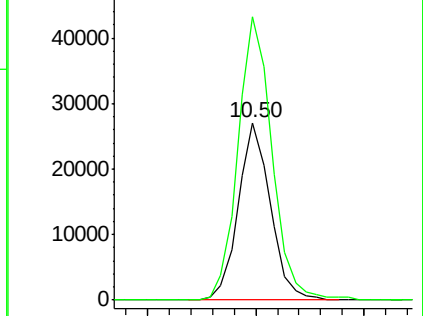
92 100

91 159.5 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061486.D

Acq: 1 Apr 2019 23:22

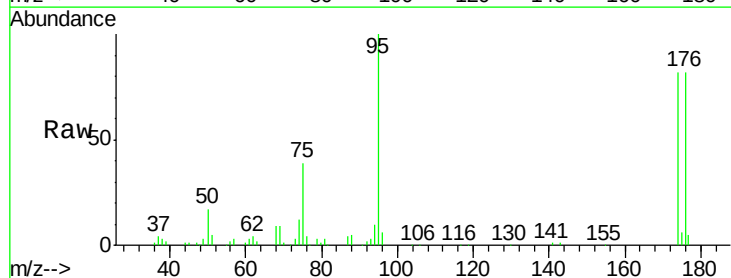
Tgt Ion: 95 Resp: 149180

Ion Ratio Lower Upper

95 100

174 81.6 0.0 178.0

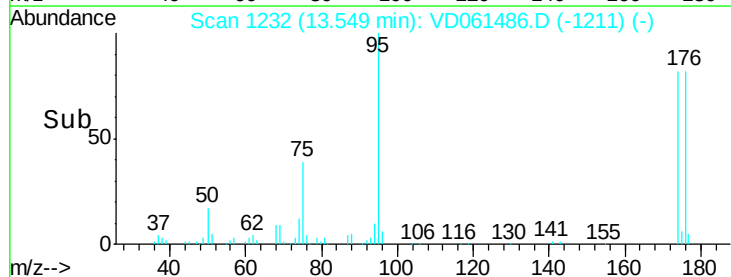
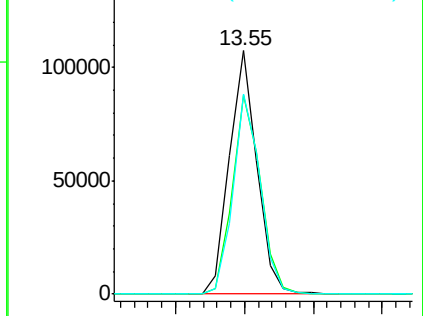
176 82.4 0.0 175.0

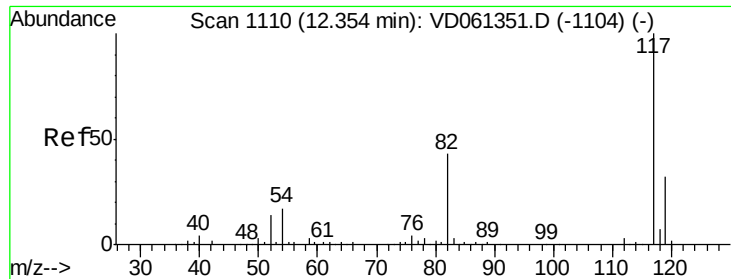


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

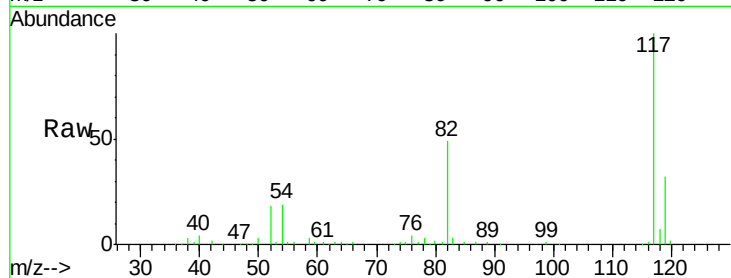




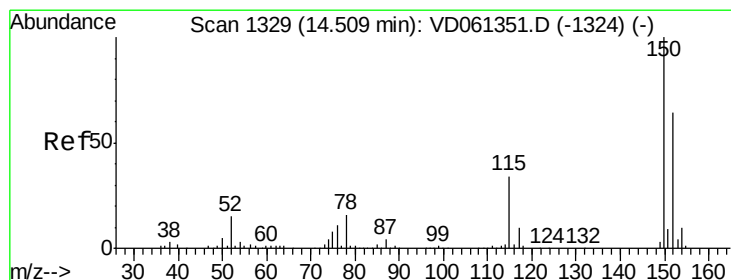
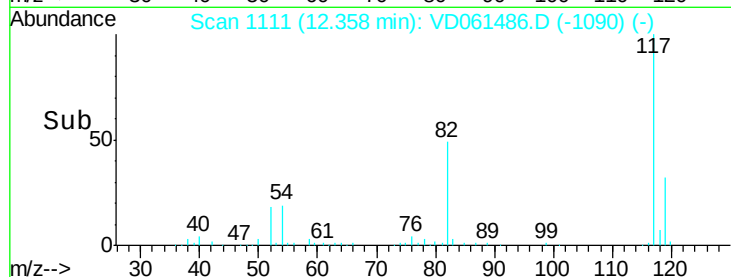
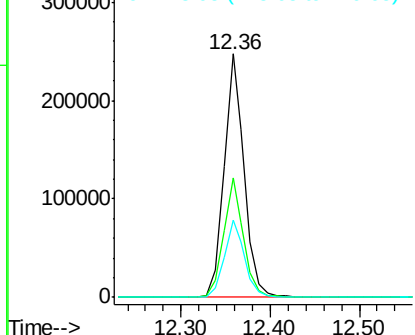
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 389879
Ion Ratio Lower Upper
117 100
82 49.0 34.4 51.6
119 31.8 25.8 38.6

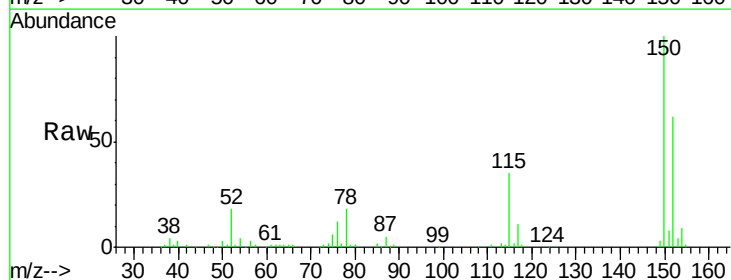


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

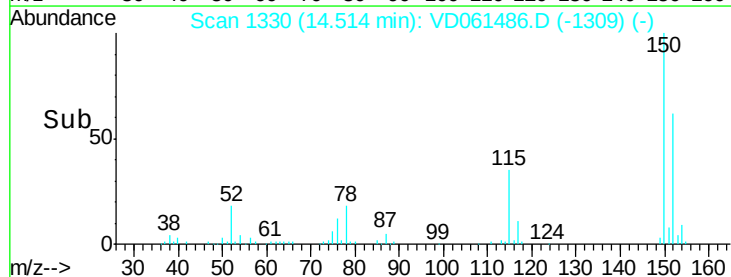
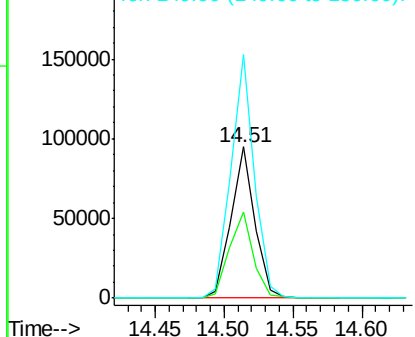


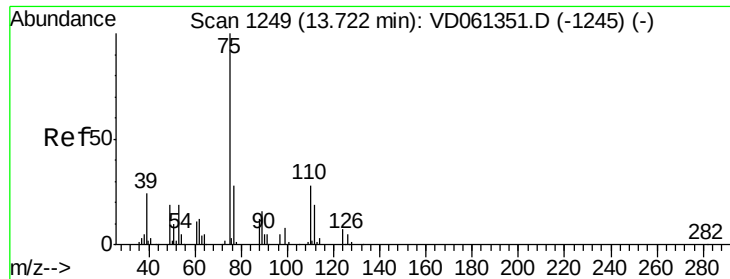
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061486.D
Acq: 1 Apr 2019 23:22

Tgt Ion:152 Resp: 113820
Ion Ratio Lower Upper
152 100
115 57.1 26.9 80.6
150 160.8 0.0 318.0



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

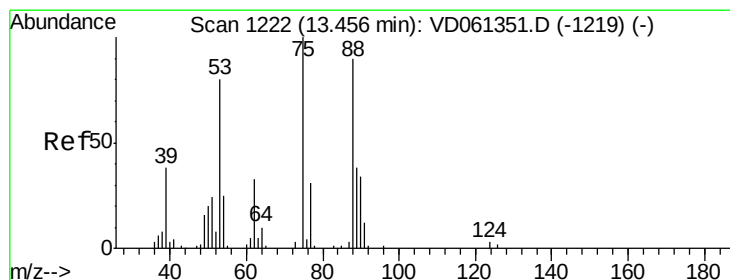
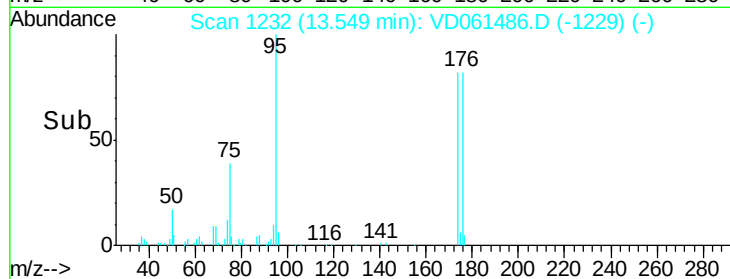
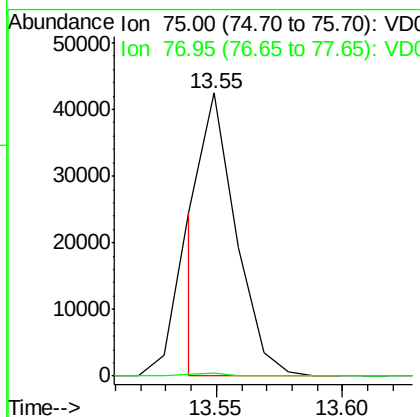
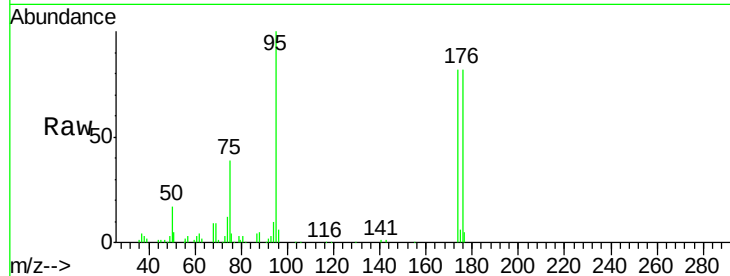




#76
 1,2,3-Trichloropropane
 Concen: 23.715 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 38991
 Ion Ratio Lower Upper
 75 100
 77 1.1 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.296 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.09 min
 Lab File: VD061486.D
 Acq: 1 Apr 2019 23:22

Tgt Ion: 75 Resp: 55292
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

