

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
 Data File : VD060146.D
 Acq On : 9 Oct 2018 11:31
 Operator : VA/AP
 Sample : VD1009SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBL01

Quant Time: Oct 09 14:08:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1649342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.41	114	2249336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1813455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	950712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	648388	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	6.29	113	856289	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	9.43	98	2417777	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.41	95	883639	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	

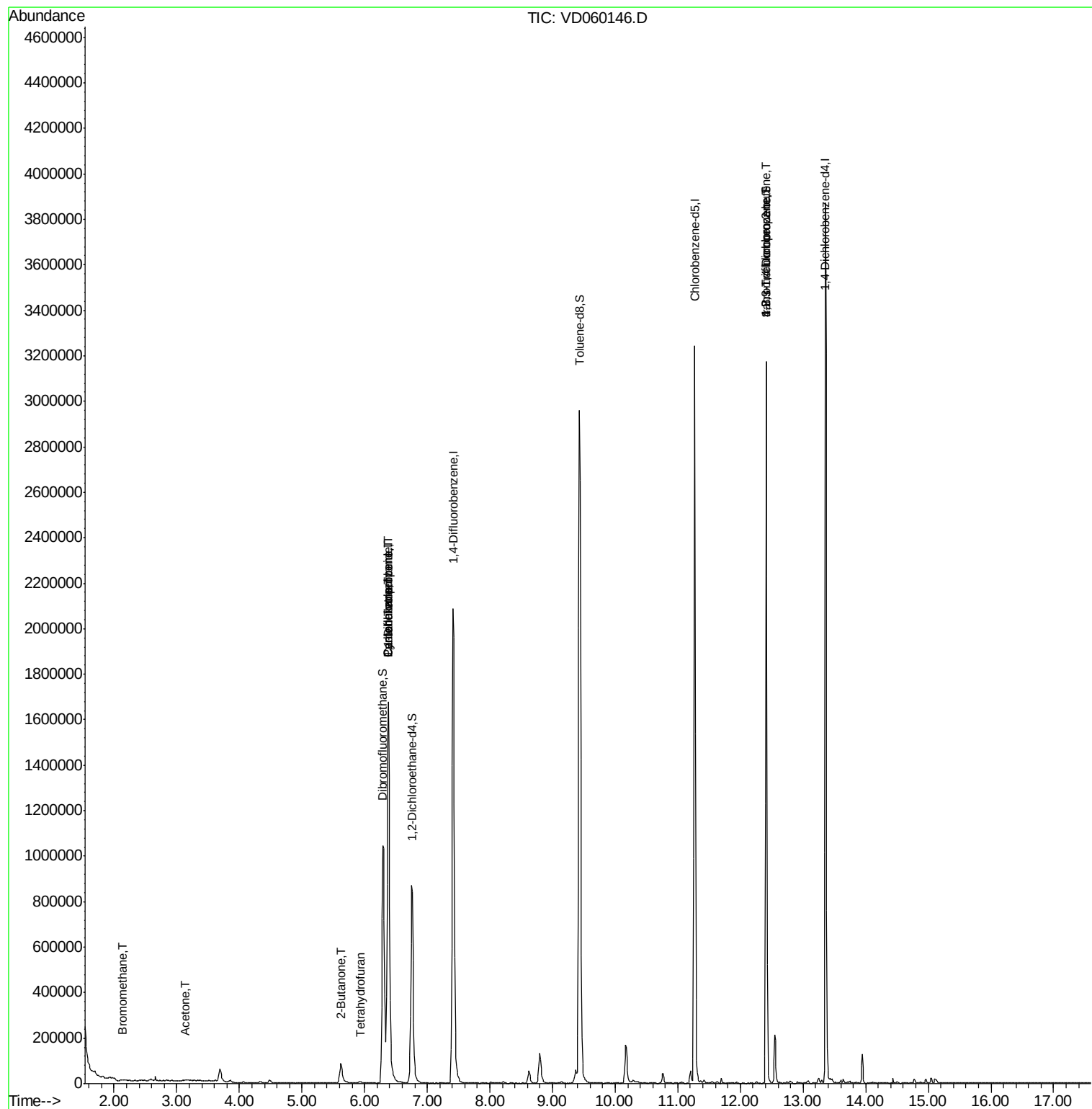
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1518	1.06	ug/l #	58
16) Acetone	3.13	43	11617	5.12	ug/l #	54
20) Methylene Chloride	3.69	84	35272	Below Cal		98
25) 2-Butanone	5.61	43	7268	1.28	ug/l #	59
29) Tetrahydrofuran	5.93	42	5401	1.64	ug/l #	89
31) Cyclohexane	6.38	56	31157	1.15	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	118126	5.50	ug/l #	46
38) Carbon Tetrachloride	6.38	117	129261	6.63	ug/l #	15
76) 1,2,3-Trichloropropane	12.41	75	270407	19.75	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.41	75	351421	91.35	ug/l #	13

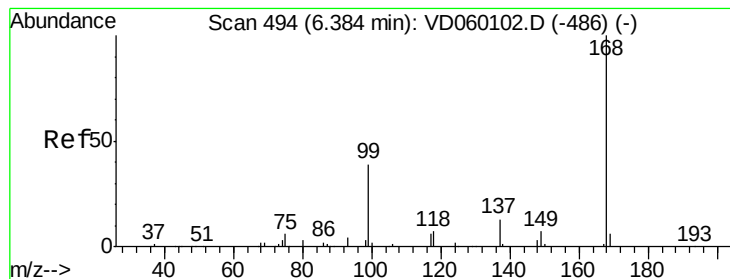
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060146.D
Acq On : 9 Oct 2018 11:31
Operator : VA/AP
Sample : VD1009SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBL01

Quant Time: Oct 09 14:08:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060146.D

Acq: 9 Oct 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

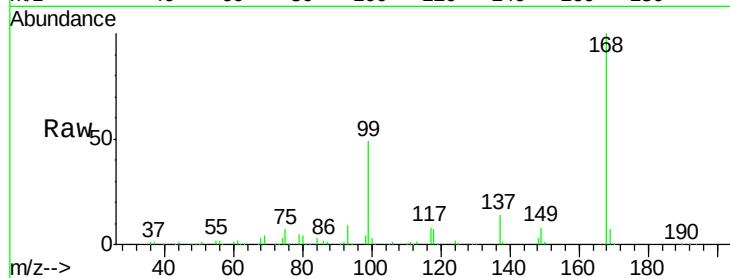
VD1009SBL01

Tgt Ion:168 Resp: 1649342

Ion Ratio Lower Upper

168 100

99 49.2 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

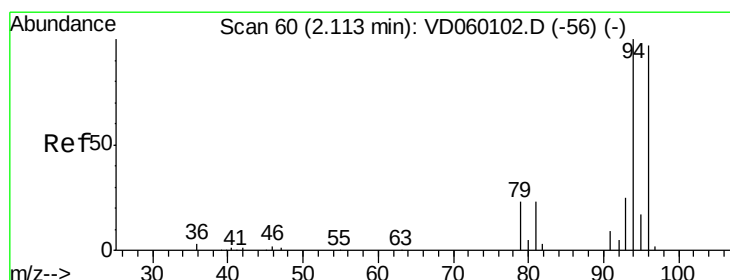
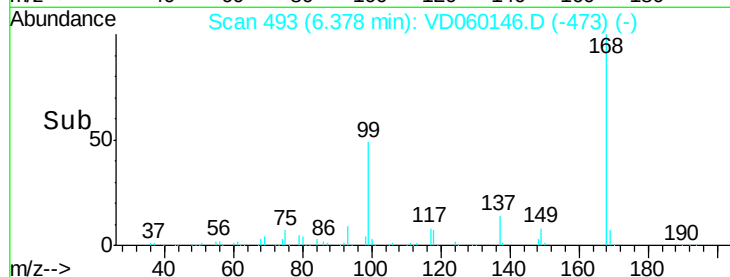
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#5

Bromomethane

Concen: 1.06 ug/l

RT: 2.15 min Scan# 63

Delta R.T. 0.03 min

Lab File: VD060146.D

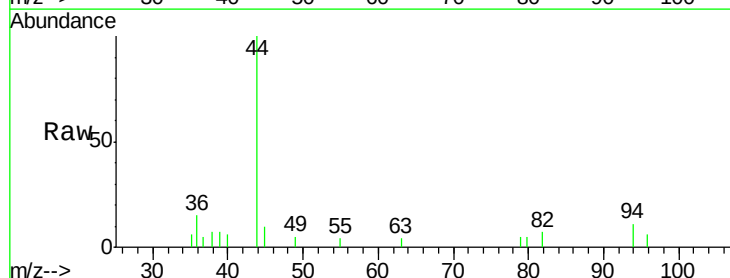
Acq: 9 Oct 2018 11:31

Tgt Ion: 94 Resp: 1518

Ion Ratio Lower Upper

94 100

96 55.7 77.4 116.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.15

800

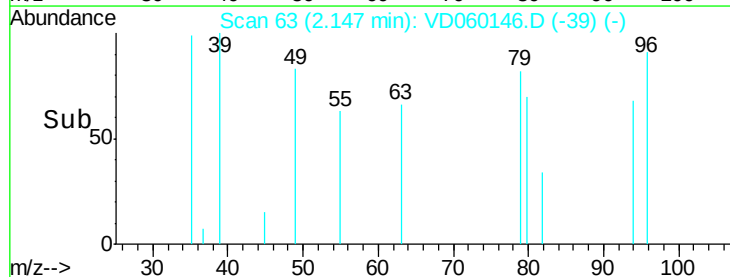
600

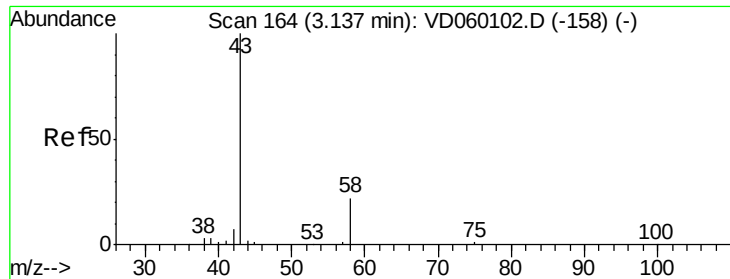
400

200

0

Time--> 2.10 2.15





#16

Acetone

Concen: 5.12 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD060146.D

Acq: 9 Oct 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

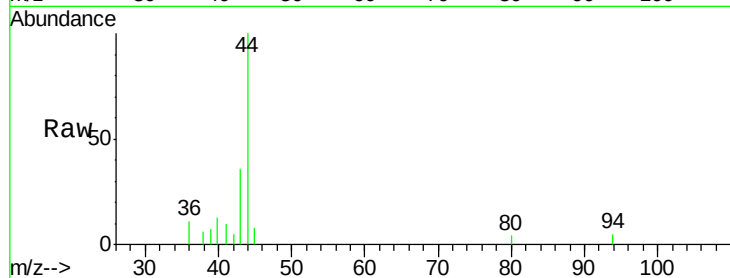
VD1009SBL01

Tgt Ion: 43 Resp: 11617

Ion Ratio Lower Upper

43 100

58 0.0 17.7 26.5#



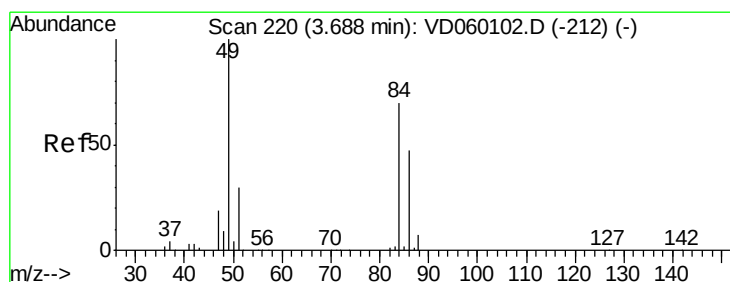
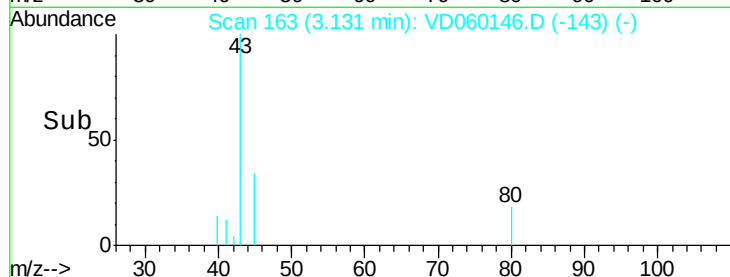
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

3.10 3.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 3.69 min Scan# 220

Delta R.T. 0.00 min

Lab File: VD060146.D

Acq: 9 Oct 2018 11:31

Tgt Ion: 84 Resp: 35272

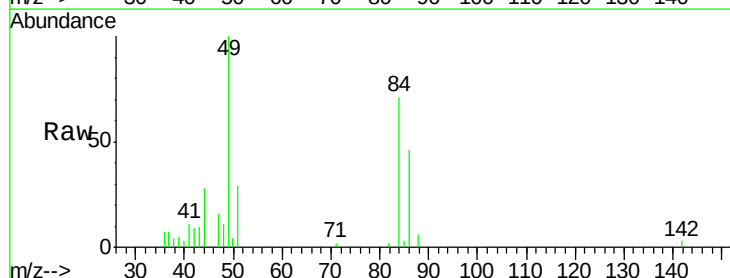
Ion Ratio Lower Upper

84 100

49 141.0 114.6 172.0

51 41.4 33.8 50.8

86 64.5 53.3 79.9



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

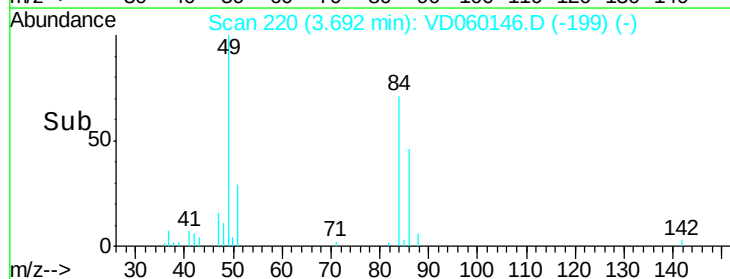
Ion 50.90 (50.60 to 51.60): VDC

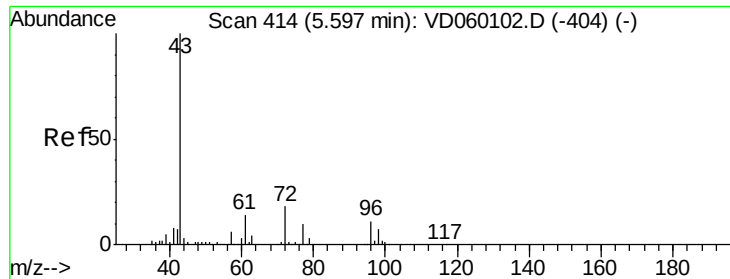
Ion 85.90 (85.60 to 86.60): VDC

3.69

3.60 3.70 3.80

Time-->

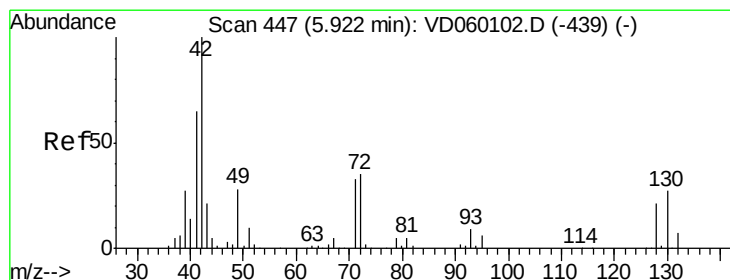
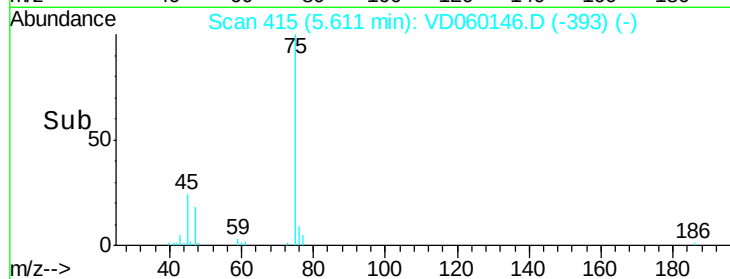
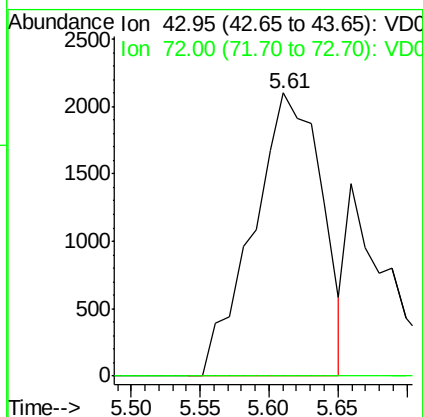
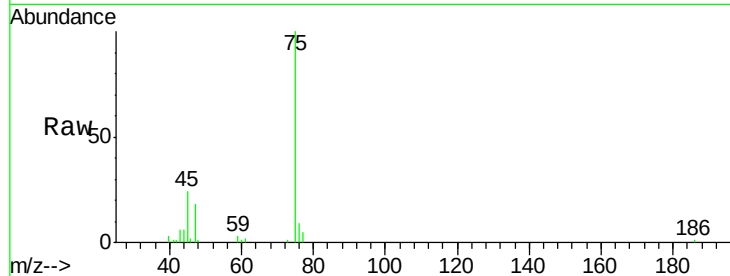




#25
2-Butanone
Concen: 1.28 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.01 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

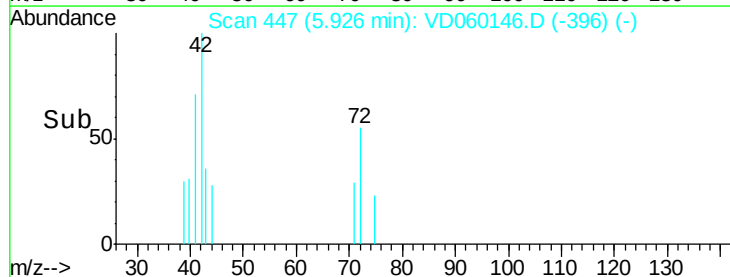
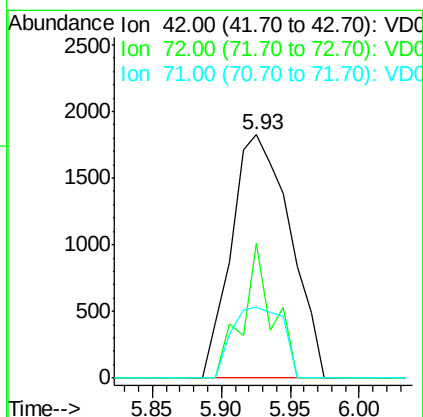
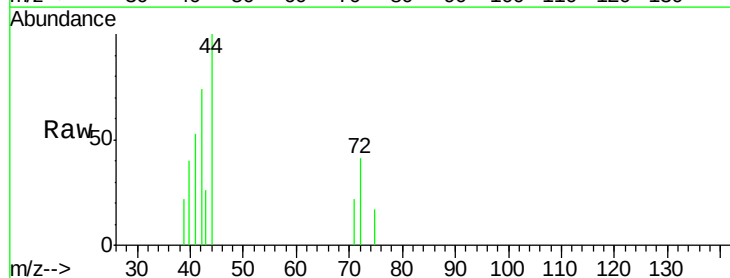
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBL01

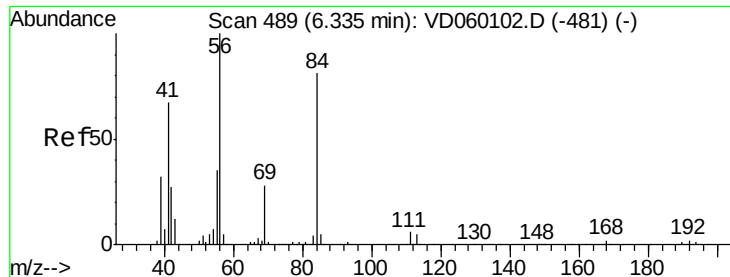
Tgt Ion: 43 Resp: 7268
Ion Ratio Lower Upper
43 100
72 0.0 14.5 21.7#



#29
Tetrahydrofuran
Concen: 1.64 ug/l
RT: 5.93 min Scan# 447
Delta R.T. 0.00 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Tgt Ion: 42 Resp: 5401
Ion Ratio Lower Upper
42 100
72 28.7 26.9 40.3
71 25.4 26.7 40.1#

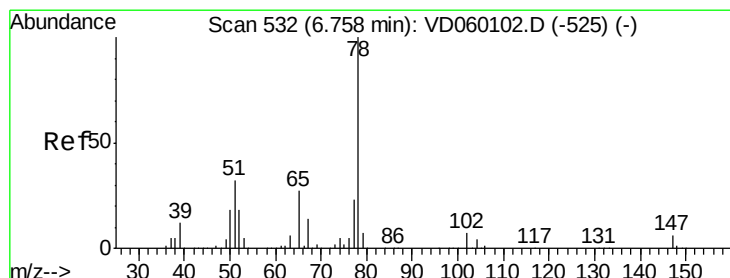
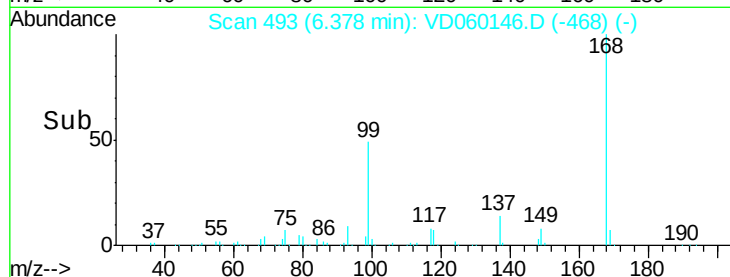
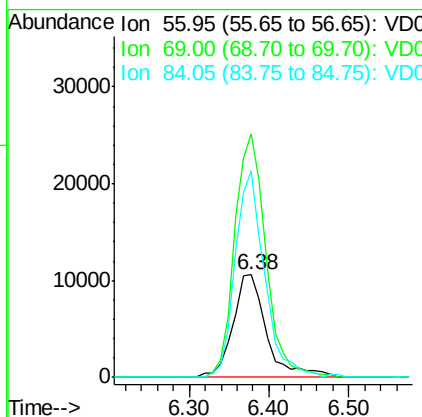
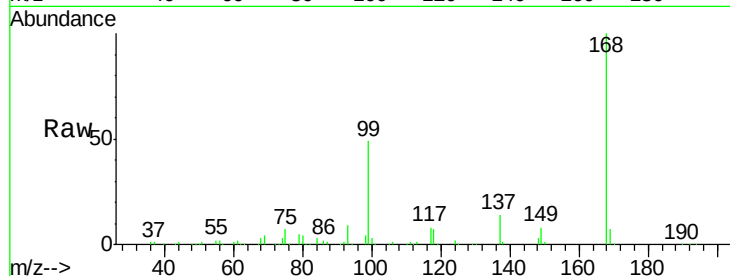




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 6.38 min Scan# 493
Delta R.T. 0.04 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

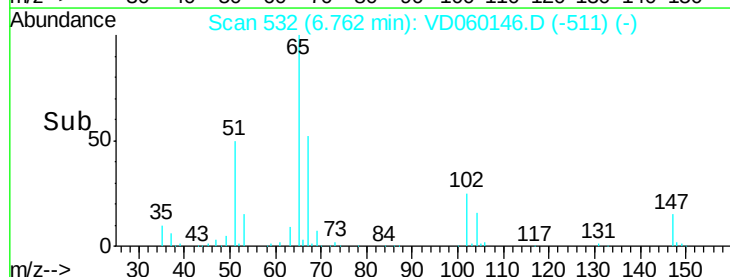
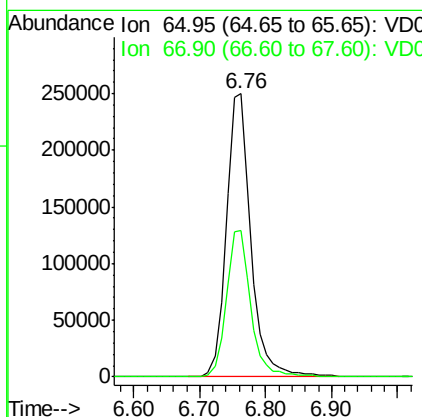
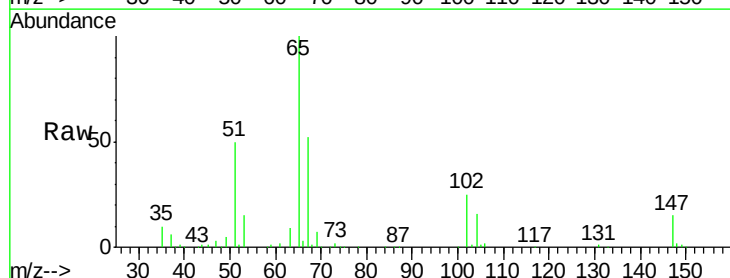
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBL01

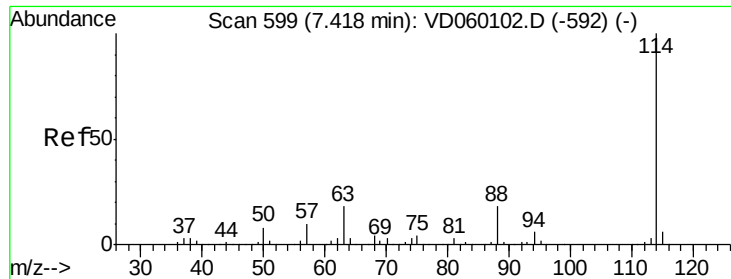
Tgt Ion: 56 Resp: 31157
Ion Ratio Lower Upper
56 100
69 237.6 22.8 34.2#
84 201.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Tgt Ion: 65 Resp: 648388
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

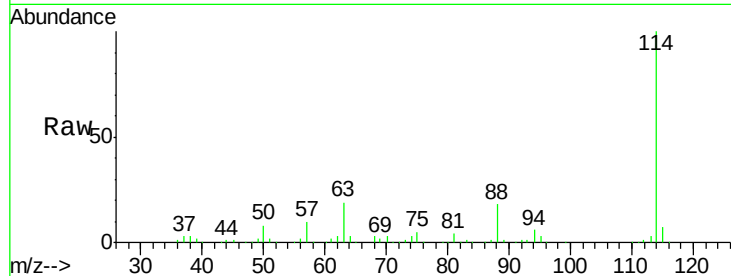




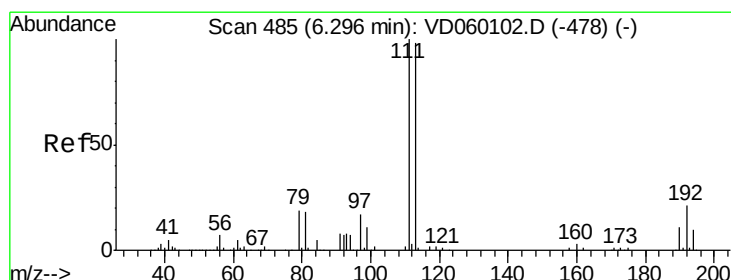
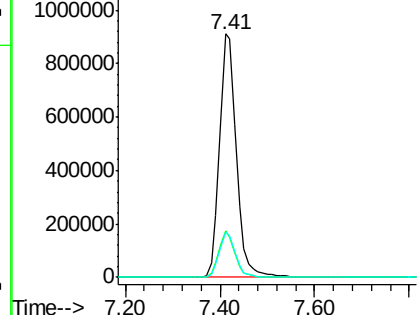
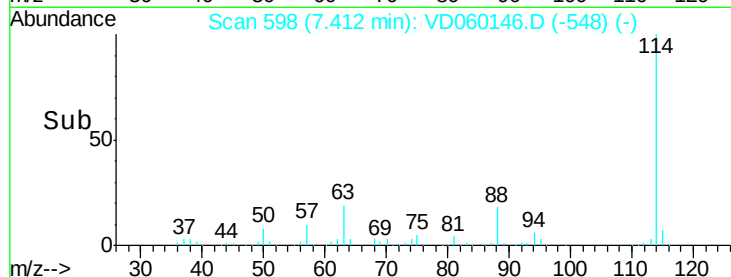
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBL01

Tgt Ion:114 Resp: 2249336
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 18.5 0.0 36.2

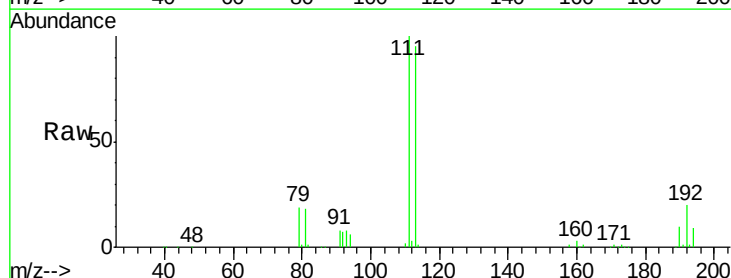


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

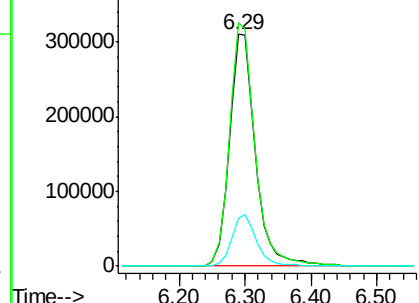
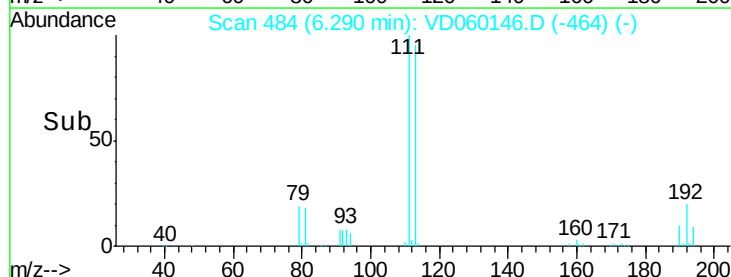


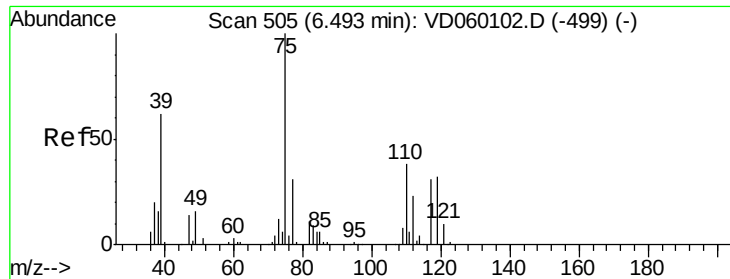
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

Tgt Ion:113 Resp: 856289
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.5 122.3
 192 20.9 17.4 26.0



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

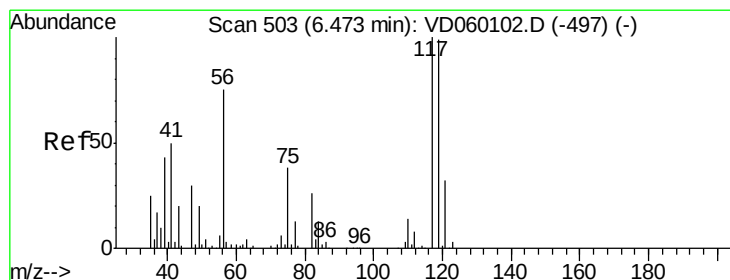
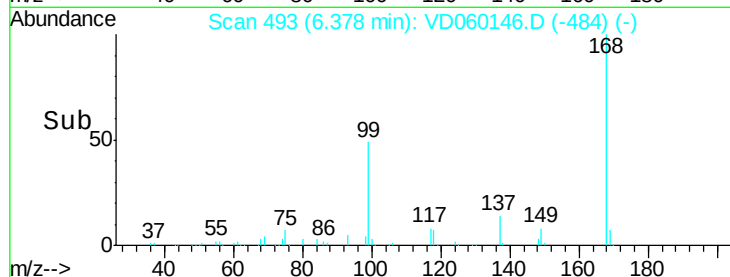
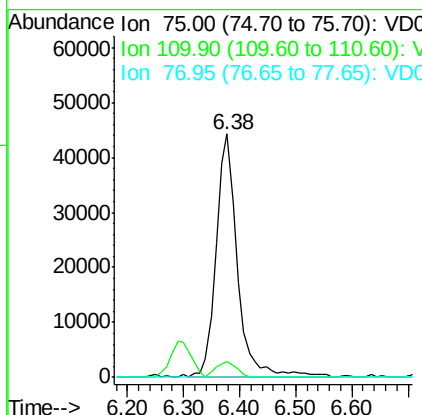
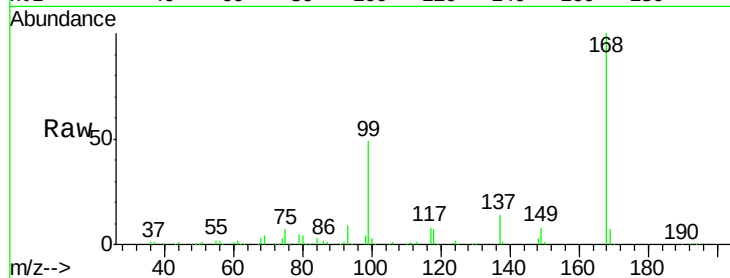




#36
 1,1-Dichloropropene
 Concen: 5.50 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.11 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

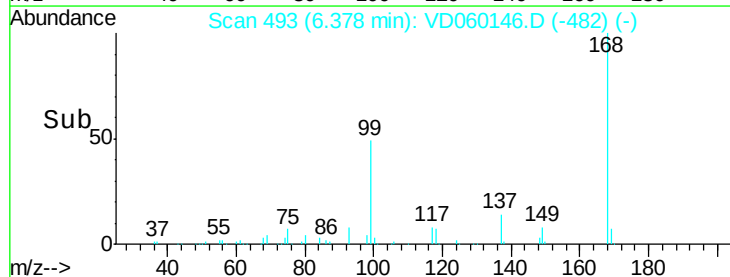
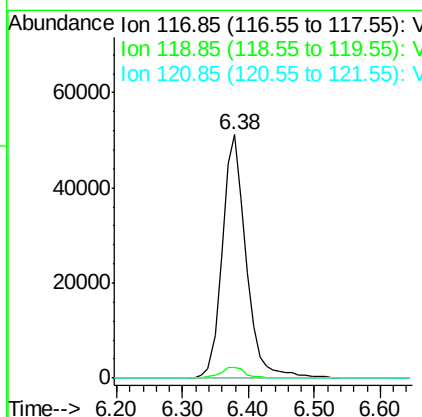
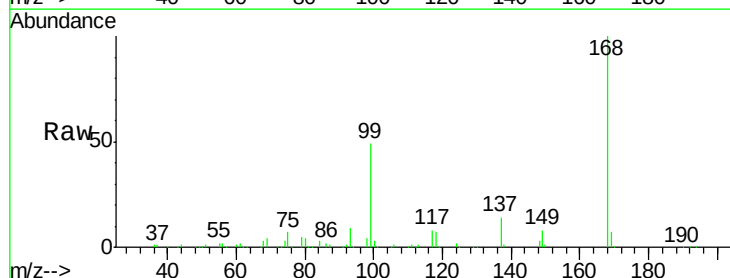
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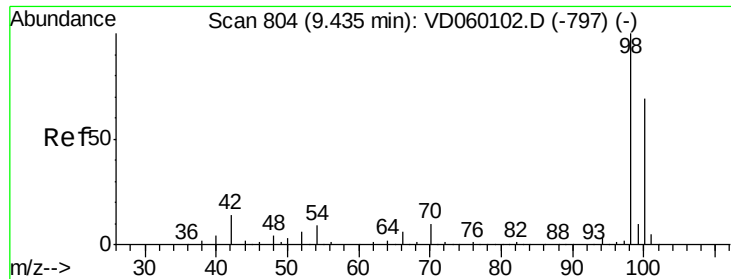
Tgt Ion: 75 Resp: 118126
 Ion Ratio Lower Upper
 75 100
 110 6.4 19.0 57.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.63 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.09 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

Tgt Ion: 117 Resp: 129261
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.8 116.6#
 121 0.0 24.8 37.2#

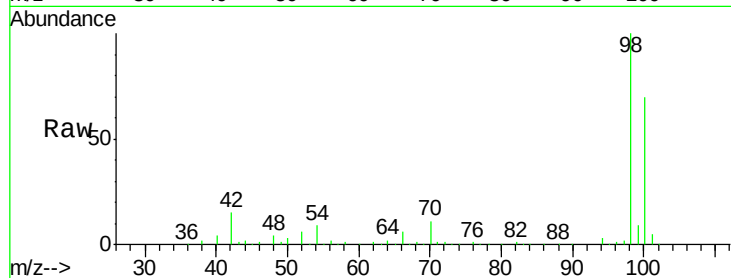




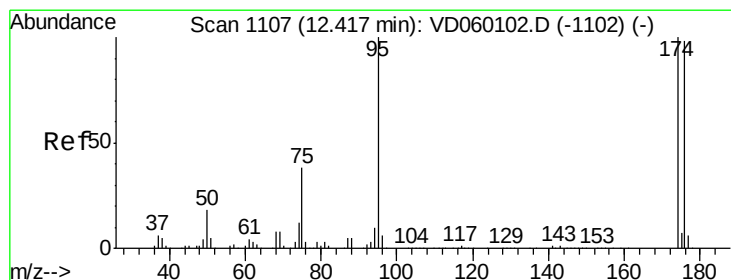
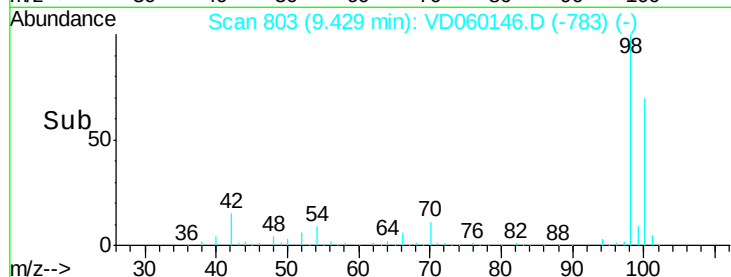
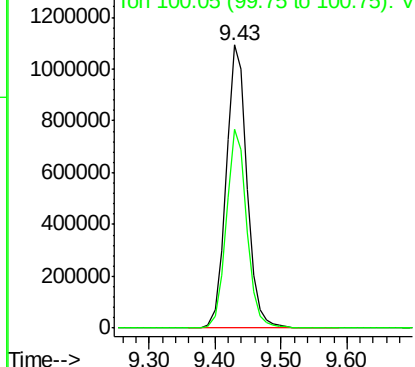
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.01 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBL01

Tgt Ion: 98 Resp: 2417777
Ion Ratio Lower Upper
98 100
100 70.2 55.4 83.0

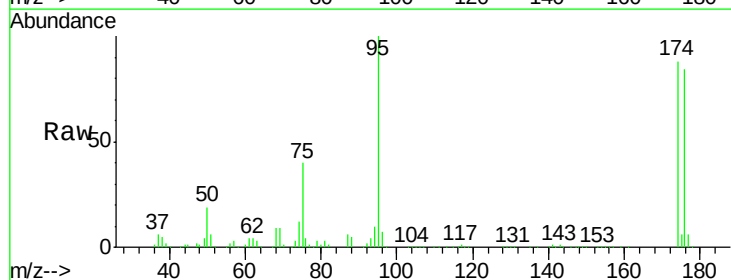


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

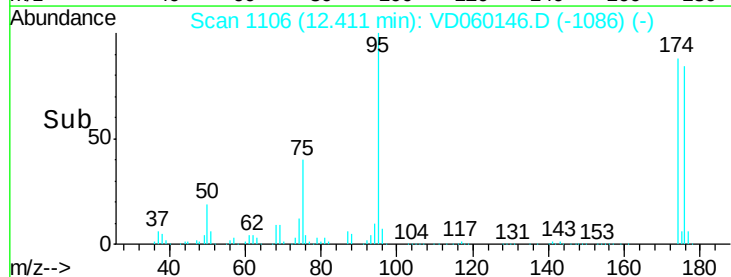
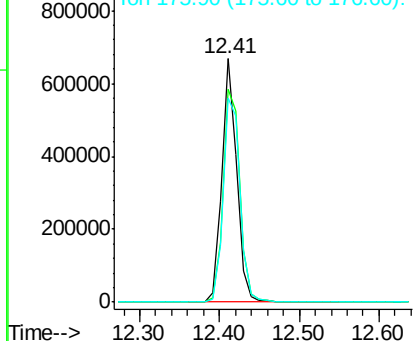


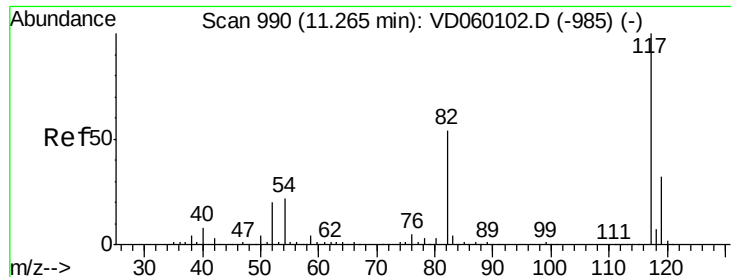
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Tgt Ion: 95 Resp: 883639
Ion Ratio Lower Upper
95 100
174 87.7 0.0 200.2
176 83.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

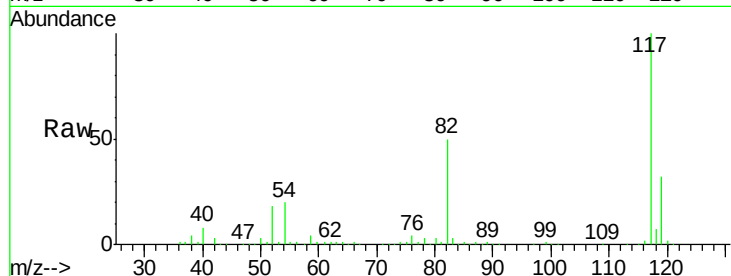




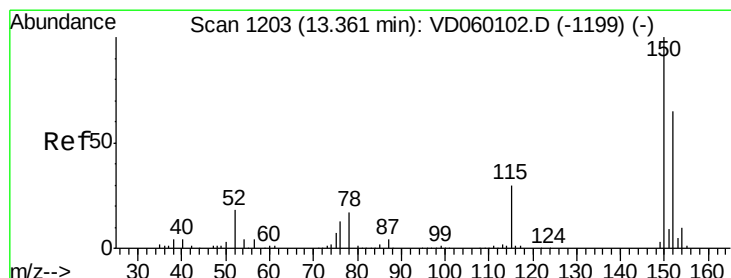
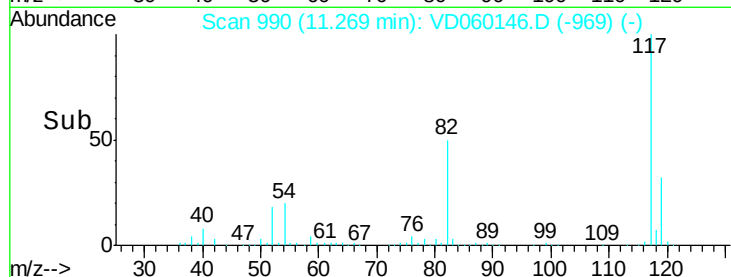
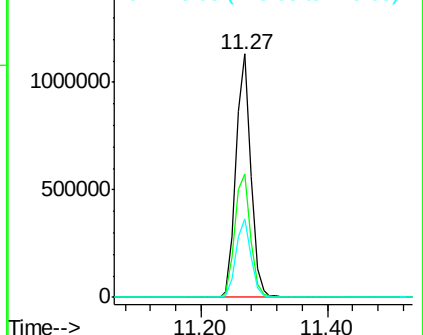
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBL01

Tgt Ion:117 Resp: 1813455
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.2
119 32.4 26.0 39.0

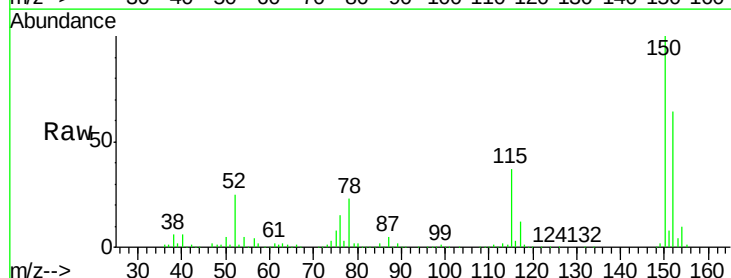


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

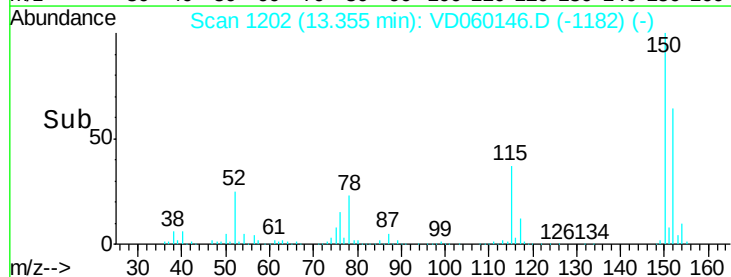
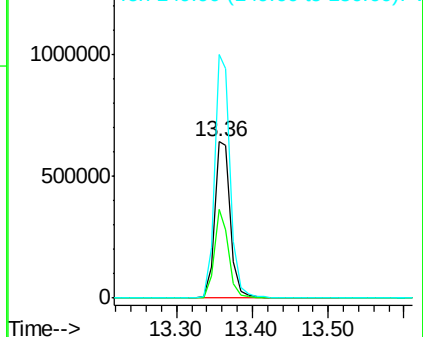


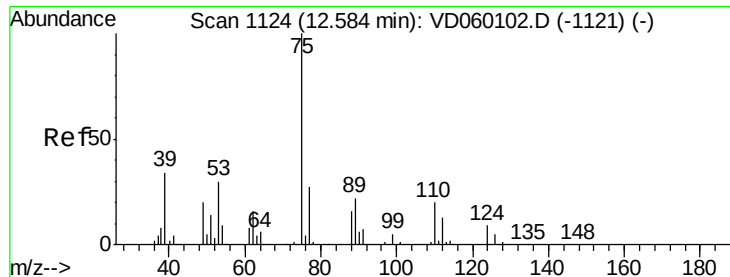
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VD060146.D
Acq: 9 Oct 2018 11:31

Tgt Ion:152 Resp: 950712
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.2
150 155.6 0.0 311.8



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

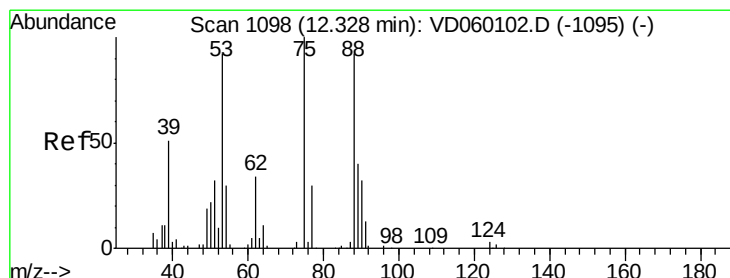
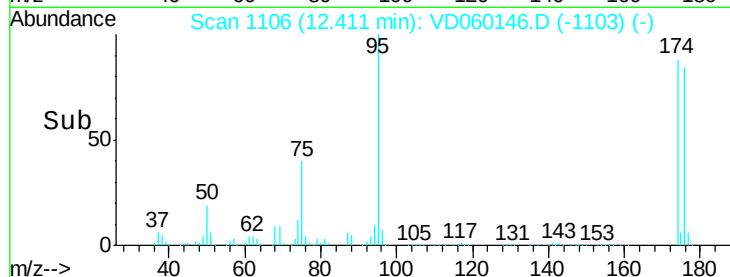
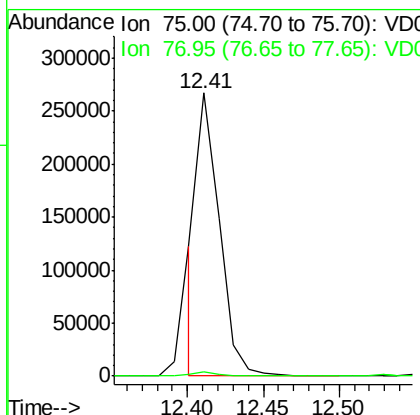
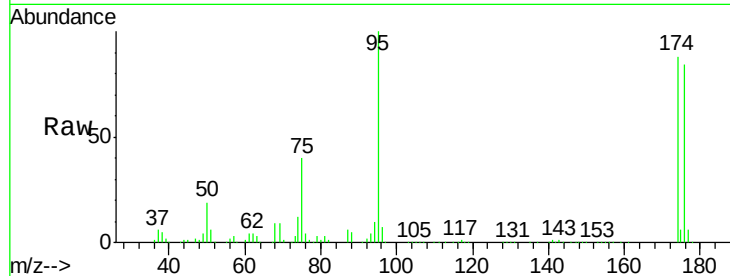




#76
 1,2,3-Trichloropropane
 Concen: 19.75 ug/l
 RT: 12.41 min Scan# 1106
 Delta R.T. -0.17 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBL01

Tgt Ion: 75 Resp: 270407
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.35 ug/l
 RT: 12.41 min Scan# 1106
 Delta R.T. 0.08 min
 Lab File: VD060146.D
 Acq: 9 Oct 2018 11:31

Tgt Ion: 75 Resp: 351421
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

