

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007537.D
 Acq On : 14 Dec 2018 15:59
 Operator : SY/AP
 Sample : J6357-01RE
 Misc : 3.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01A

Quant Time: Dec 15 00:42:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49368	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	42644	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	10.32	98	163149	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.62	95	60864	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	

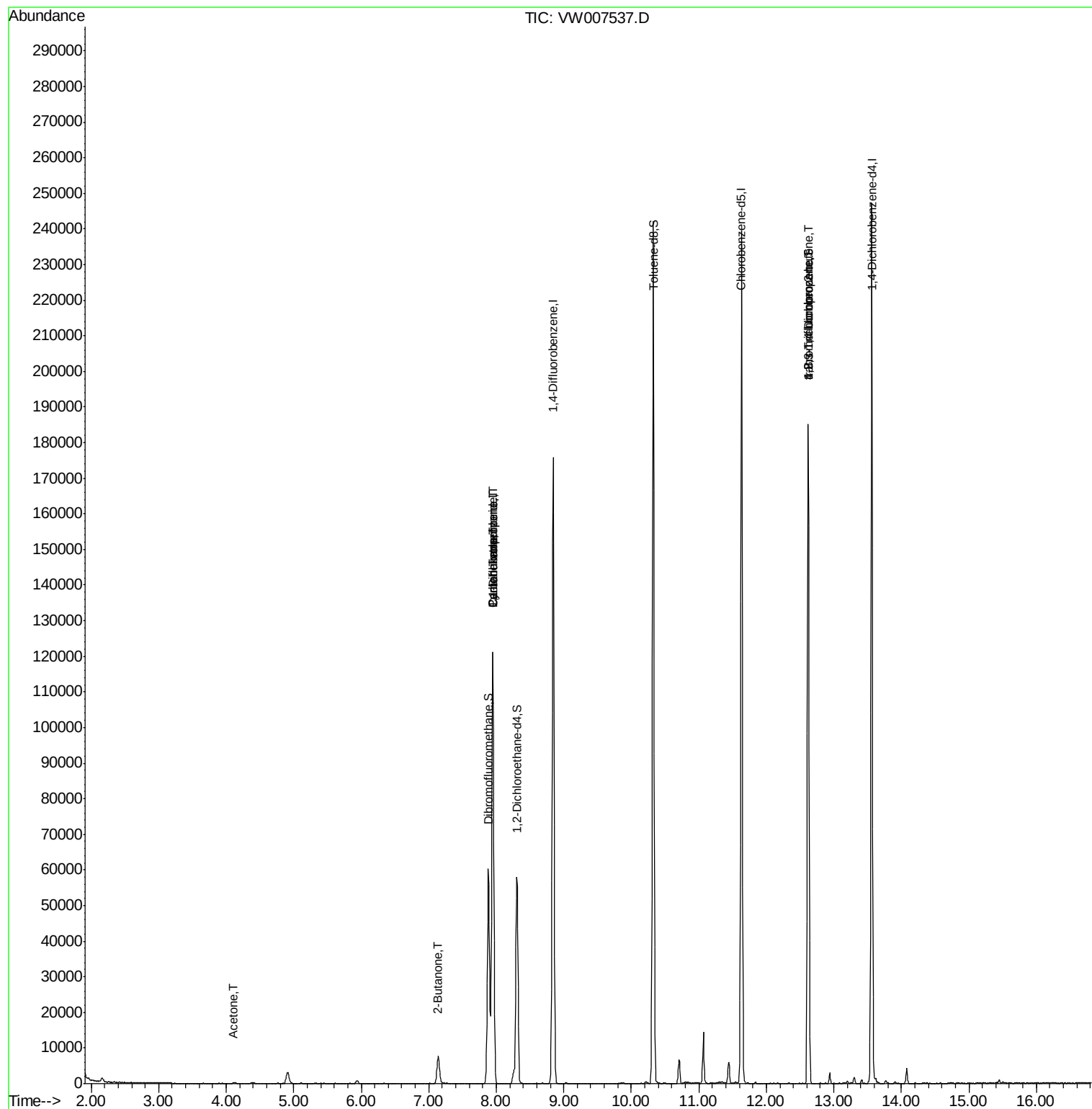
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	262	1.512	ug/l #	44
20) Methylene Chloride	4.90	84	2565	Below Cal	#	85
25) 2-Butanone	7.13	43	355	1.569	ug/l #	45
31) Cyclohexane	7.95	56	1717	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6720	4.924	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9755	6.569	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	30563	58.159	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	30563	128.474	ug/l #	7

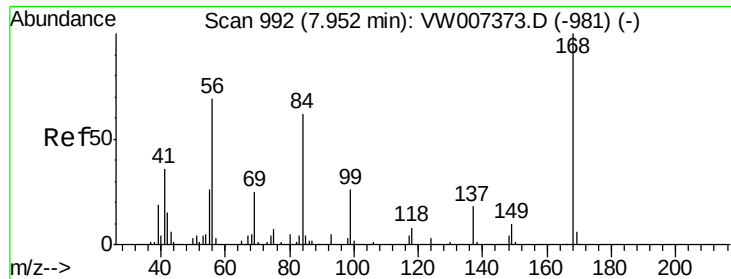
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Dec 15 00:42:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007537.D

Acq: 14 Dec 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

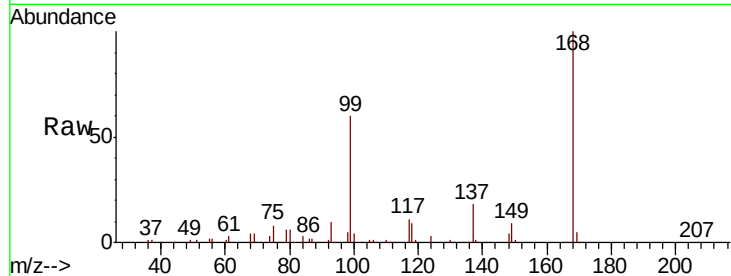
SB-01A

Tgt Ion:168 Resp: 89443

Ion Ratio Lower Upper

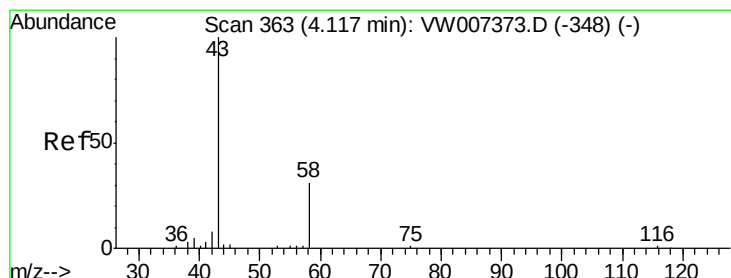
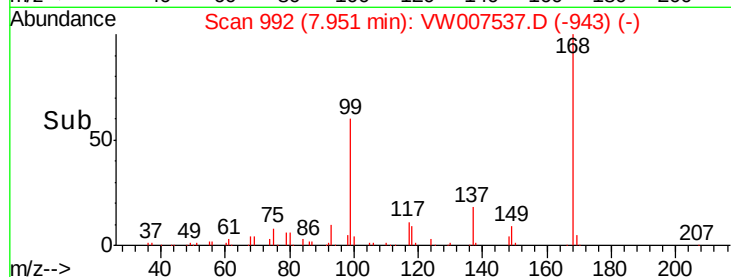
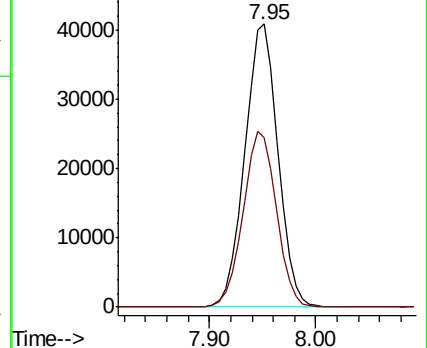
168 100

99 59.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.512 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007537.D

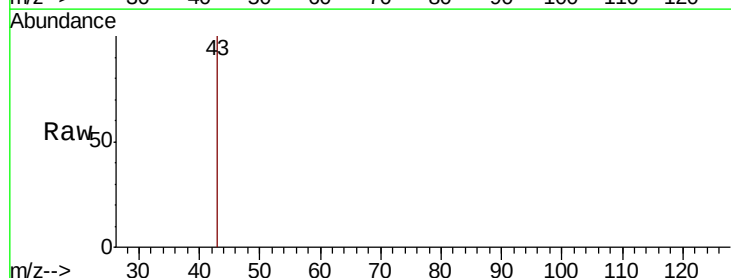
Acq: 14 Dec 2018 15:59

Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

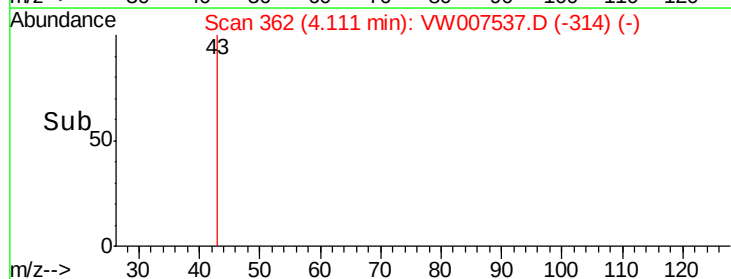
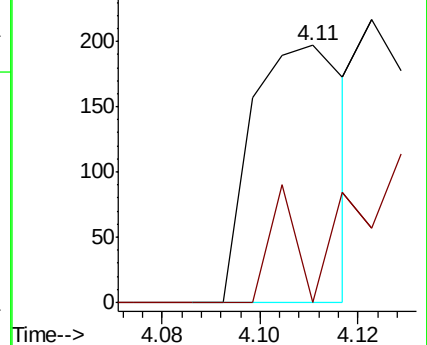
43 100

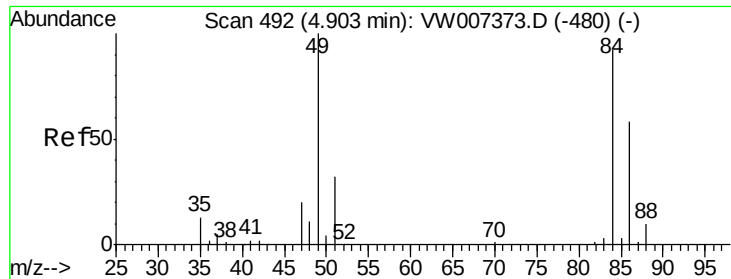
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

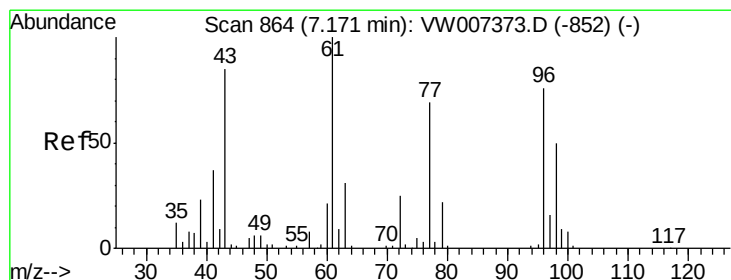
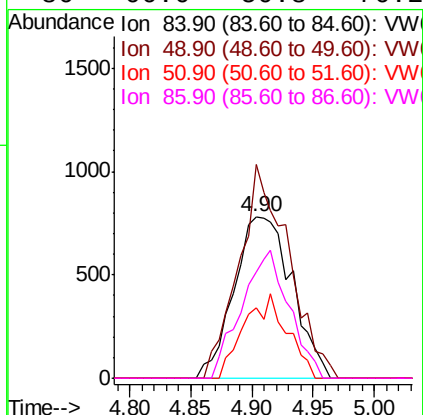
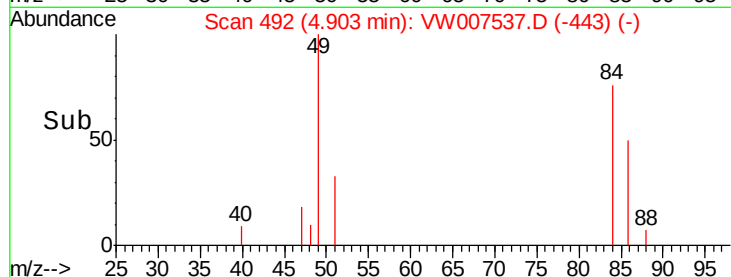
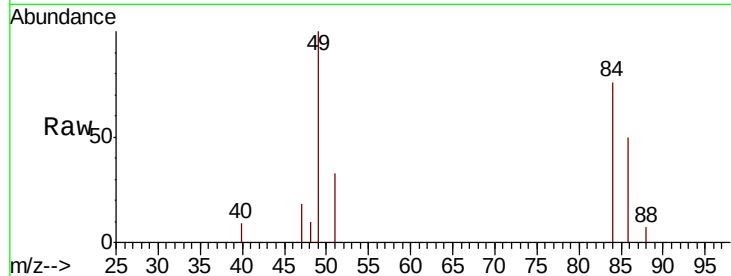




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

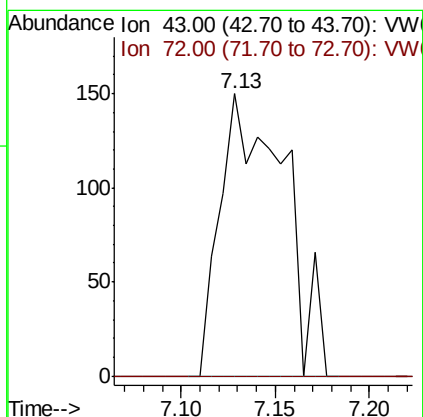
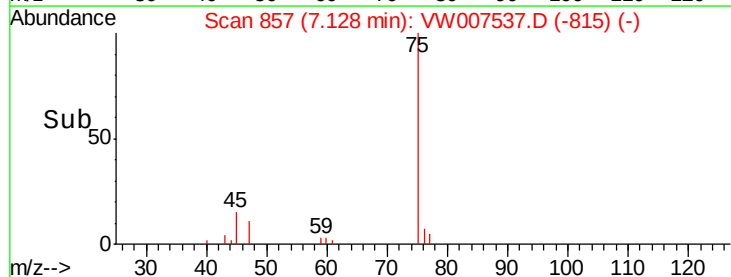
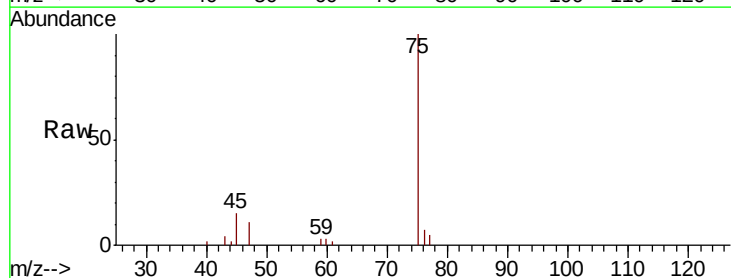
Instrument :
MSVOA_W
ClientSampled :
SB-01A

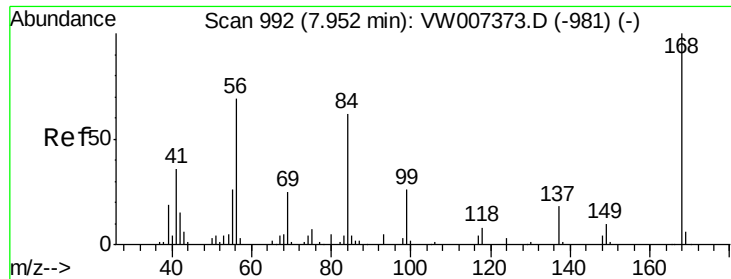
Tgt Ion: 84 Resp: 2565
Ion Ratio Lower Upper
84 100
49 132.1 87.1 130.7#
51 43.9 28.2 42.2#
86 66.0 50.8 76.2



#25
2-Butanone
Concen: 1.569 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

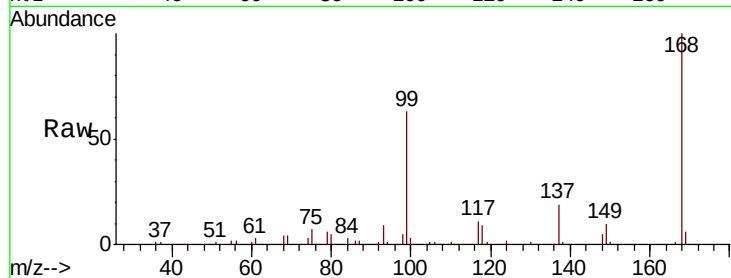




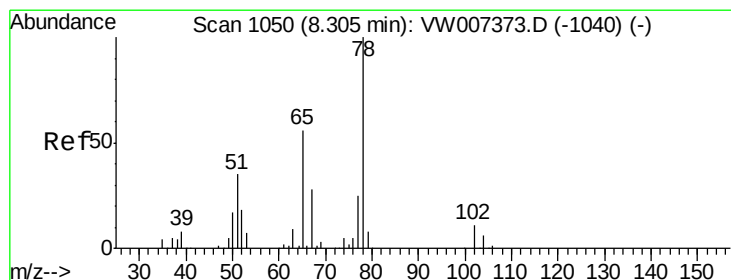
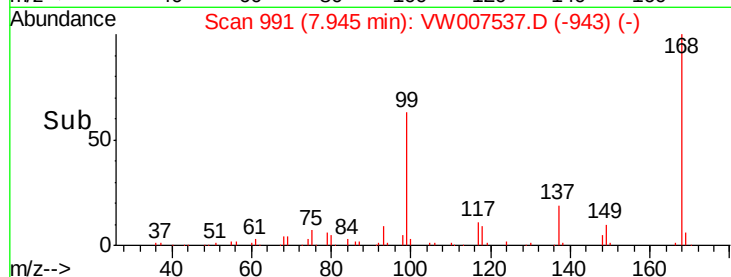
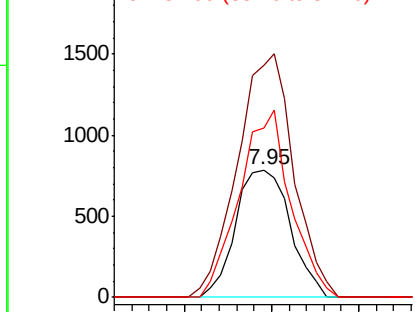
#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Instrument :
MSVOA_W
ClientSampled :
SB-01A

Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 182.3 28.9 43.3#
84 133.1 71.8 107.6#

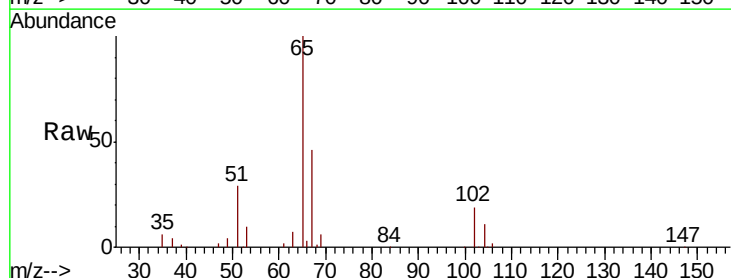


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

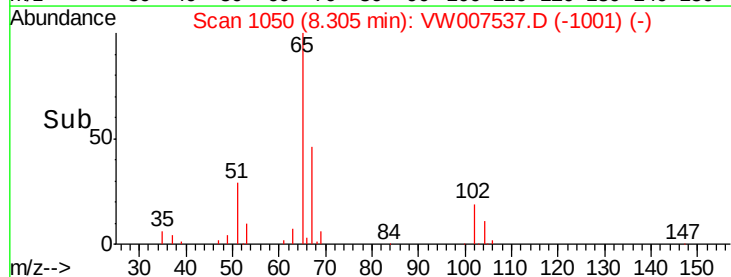
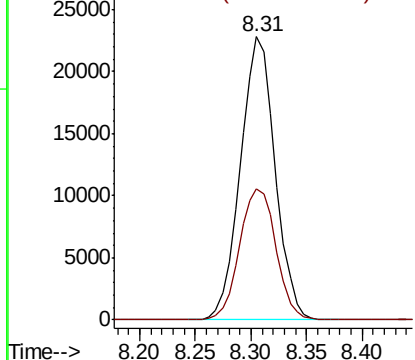


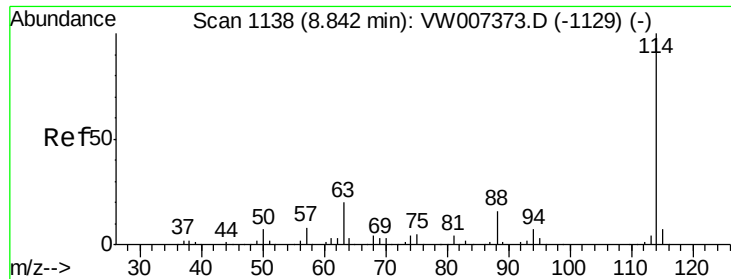
#33
1,2-Dichloroethane-d4
Concen: 49.751 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Tgt Ion: 65 Resp: 49368
Ion Ratio Lower Upper
65 100
67 48.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

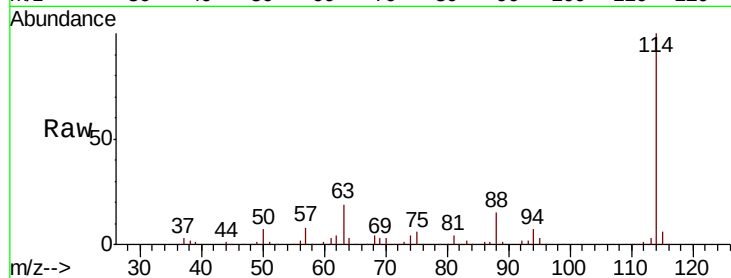




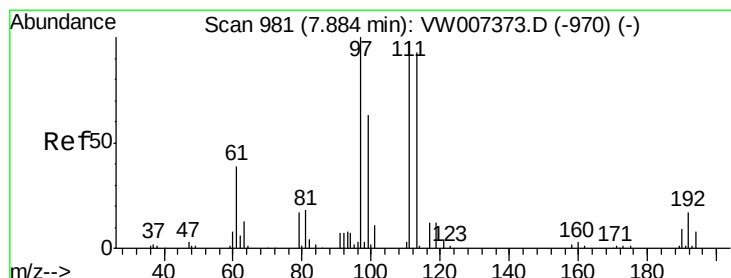
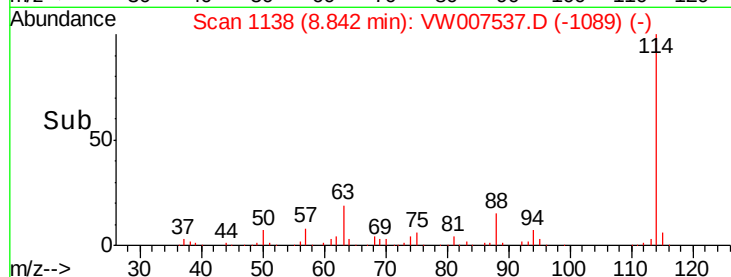
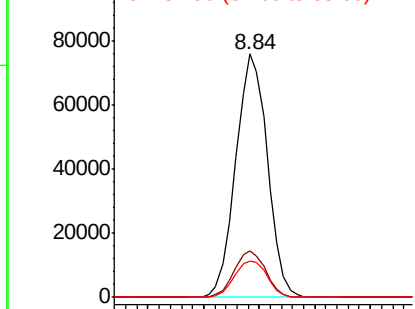
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
SB-01A

Tgt Ion:114 Resp: 149608
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 15.1 0.0 31.4

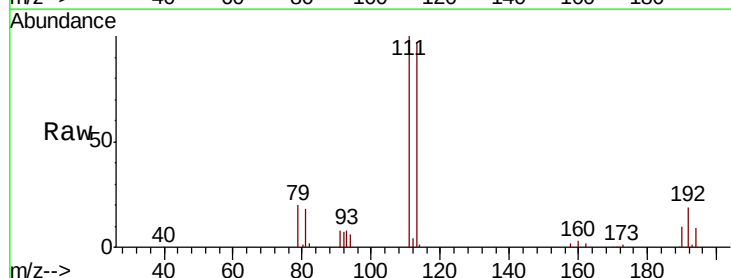


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

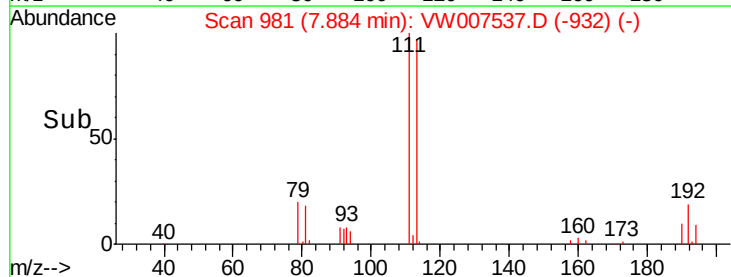
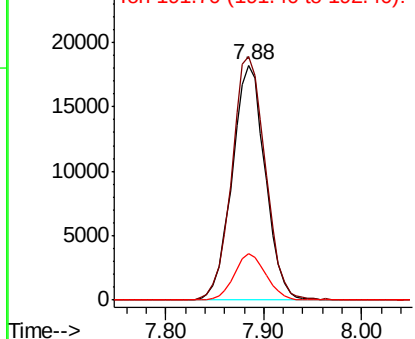


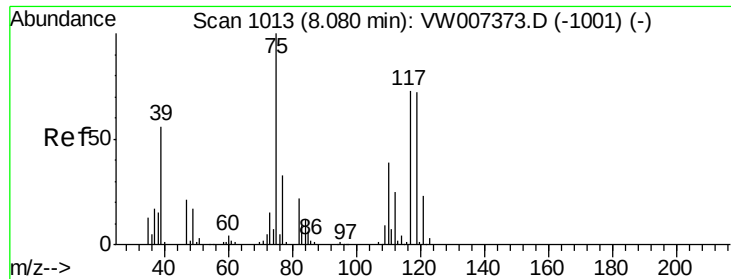
#35
Dibromofluoromethane
Concen: 47.087 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Tgt Ion:113 Resp: 42644
Ion Ratio Lower Upper
113 100
111 105.2 81.1 121.7
192 19.0 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

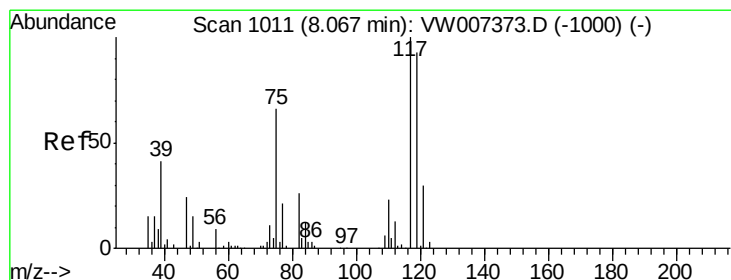
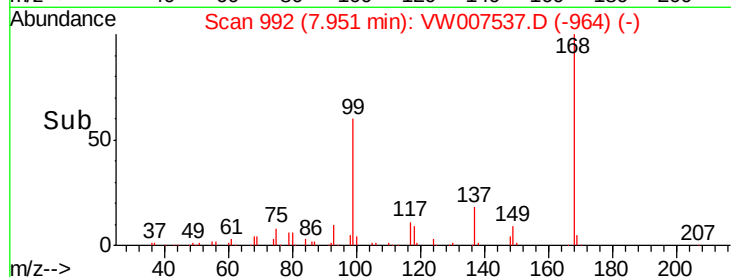
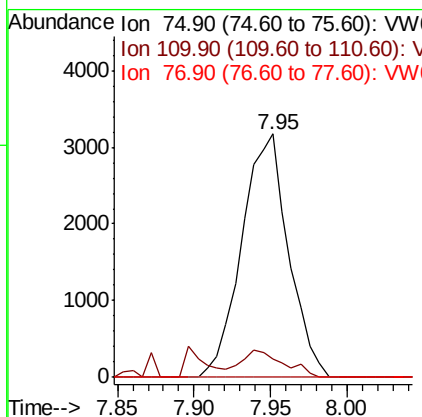
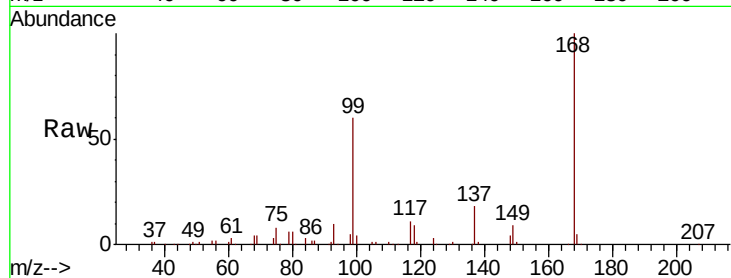




#36
 1,1-Dichloropropene
 Concen: 4.924 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007537.D
 Acq: 14 Dec 2018 15:59

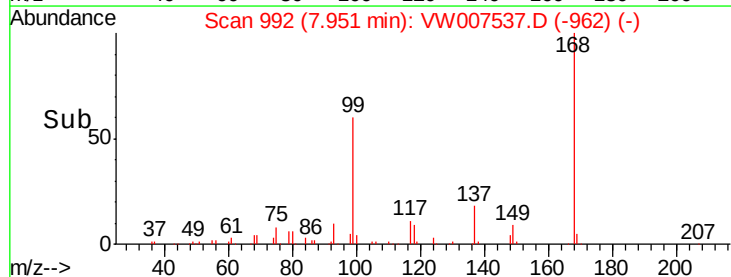
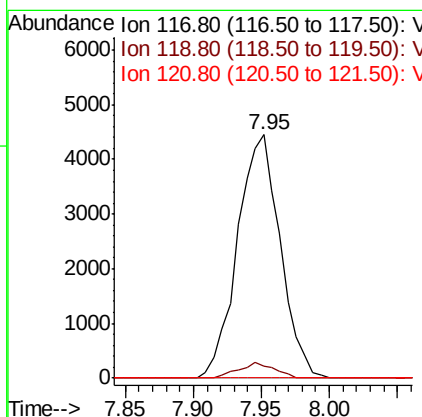
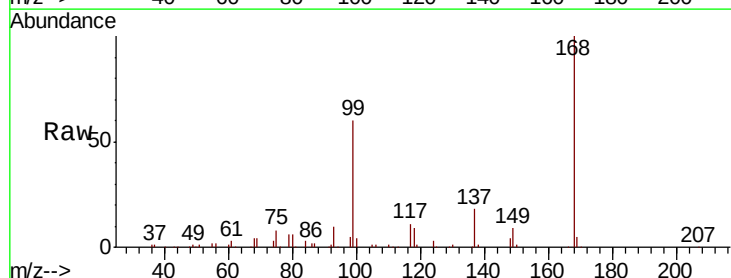
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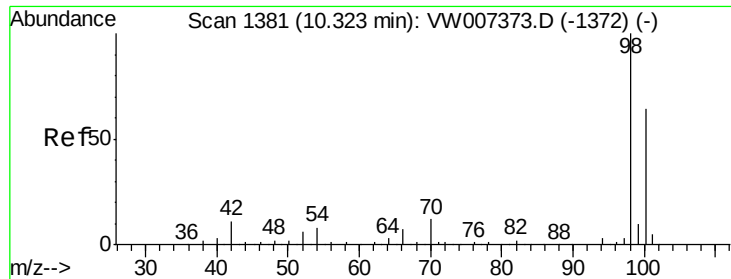
Tgt Ion: 75 Resp: 6720
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.569 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007537.D
 Acq: 14 Dec 2018 15:59

Tgt Ion: 117 Resp: 9755
 Ion Ratio Lower Upper
 117 100
 119 4.7 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 48.047 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007537.D

Acq: 14 Dec 2018 15:59

Instrument :

MSVOA_W

ClientSampled :

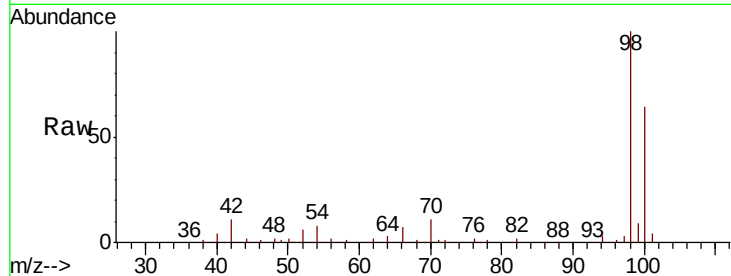
SB-01A

Tgt Ion: 98 Resp: 163149

Ion Ratio Lower Upper

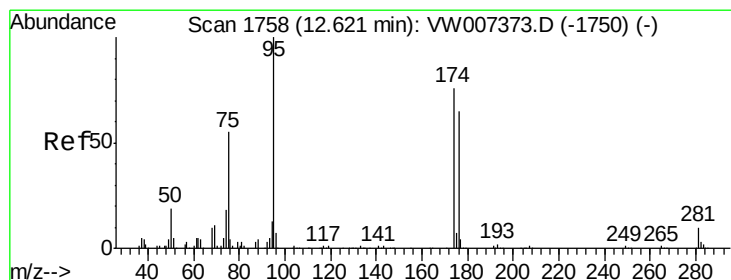
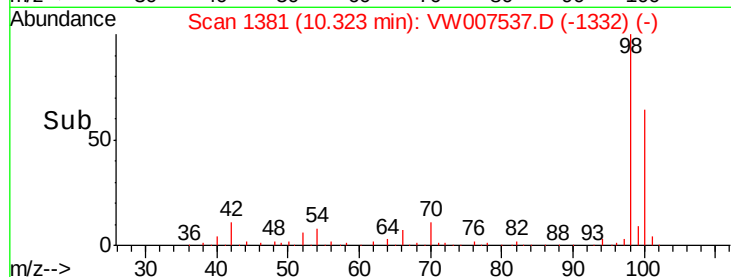
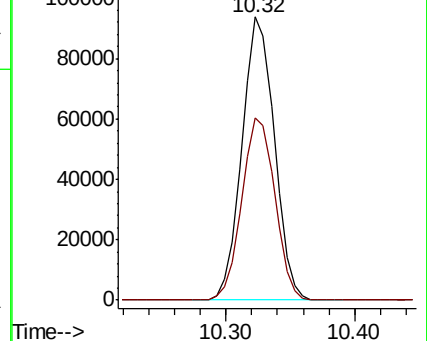
98 100

100 65.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.750 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007537.D

Acq: 14 Dec 2018 15:59

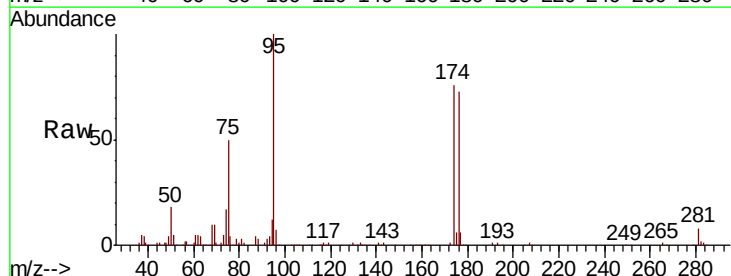
Tgt Ion: 95 Resp: 60864

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.2

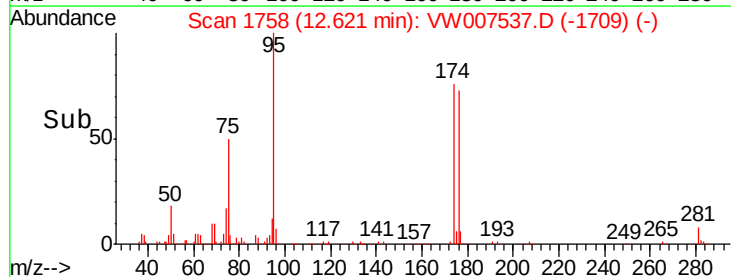
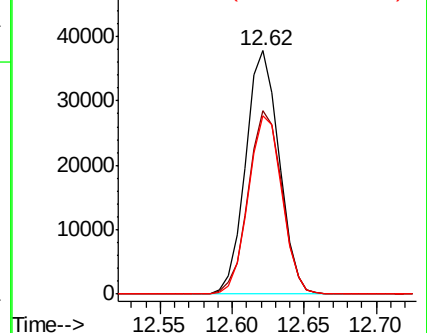
176 73.5 0.0 138.8

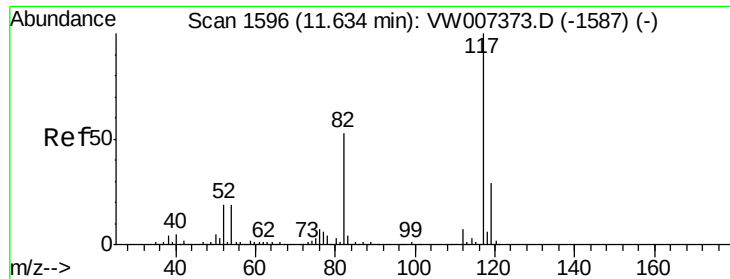


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

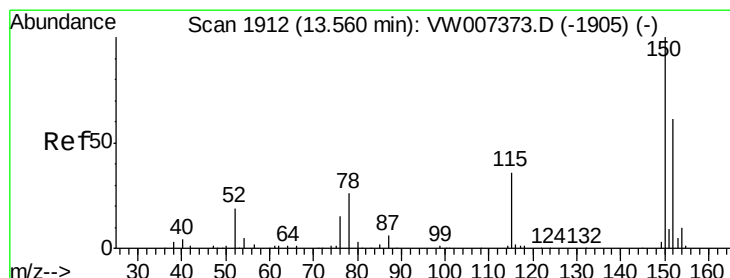
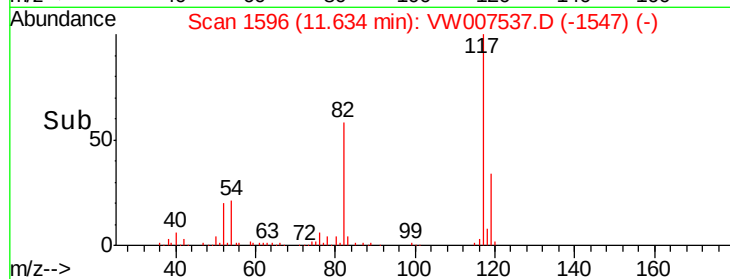
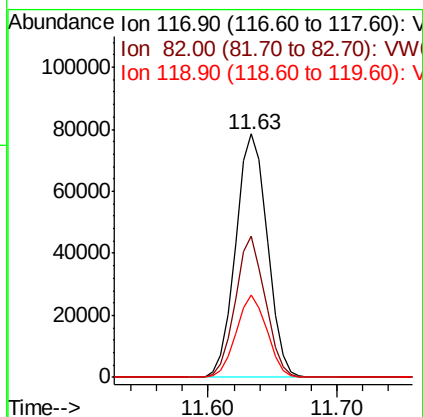
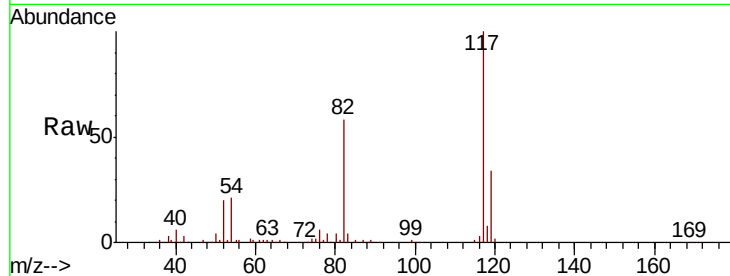




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

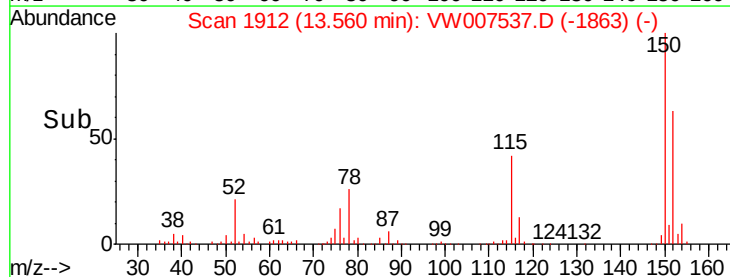
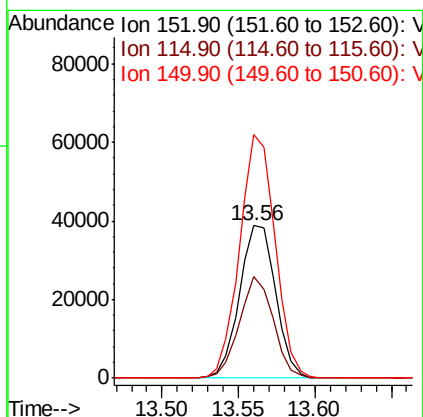
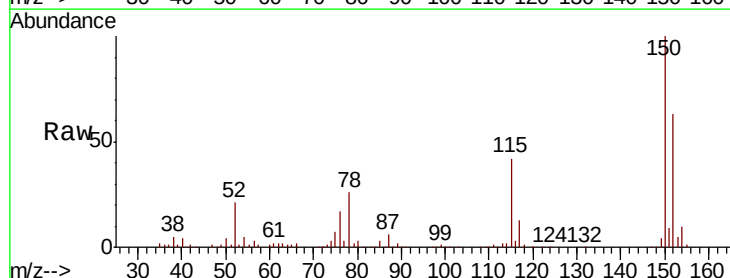
Instrument :
MSVOA_W
ClientSampleId :
SB-01A

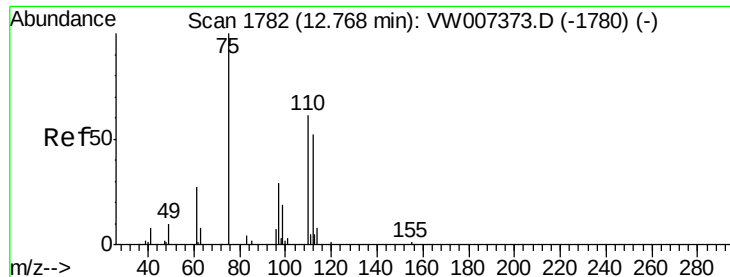
Tgt Ion:117 Resp: 133302
Ion Ratio Lower Upper
117 100
82 57.7 42.3 63.5
119 33.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007537.D
Acq: 14 Dec 2018 15:59

Tgt Ion:152 Resp: 63734
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 156.4 0.0 358.4

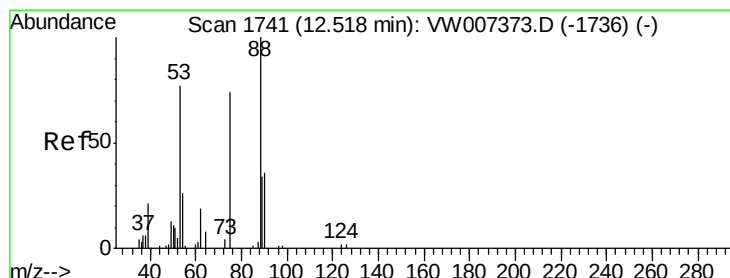
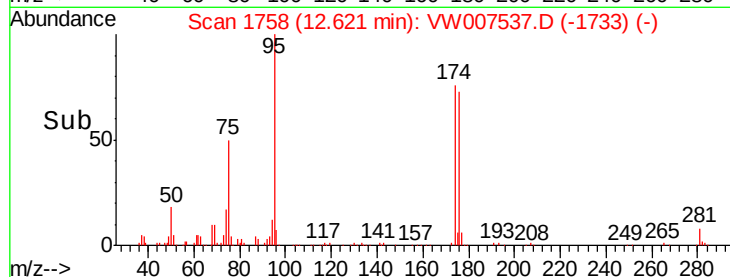
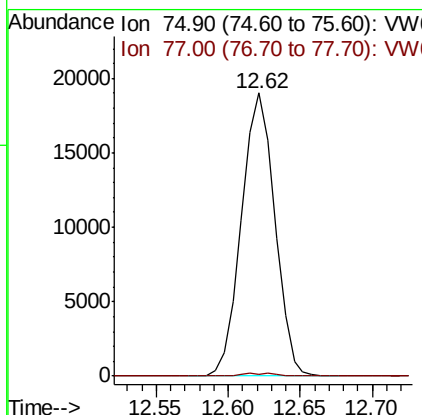
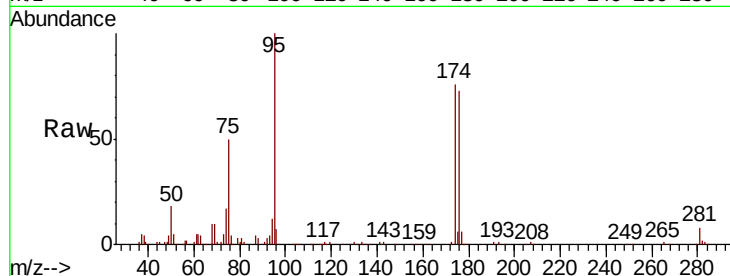




#76
 1,2,3-Trichloropropane
 Concen: 58.159 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007537.D
 Acq: 14 Dec 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01A

Tgt Ion: 75 Resp: 30563
 Ion Ratio Lower Upper
 75 100
 77 1.0 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.474 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007537.D
 Acq: 14 Dec 2018 15:59

Tgt Ion: 75 Resp: 30563
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

