

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009104.D
 Acq On : 12 Mar 2019 00:50
 Operator : SY/VA
 Sample : VW0311SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL02

Quant Time: Mar 12 08:16:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	524335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	478363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226397	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	194996	58.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.04%	
35) Dibromofluoromethane	7.88	113	161719	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.32	98	633536	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.62	95	223845	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	

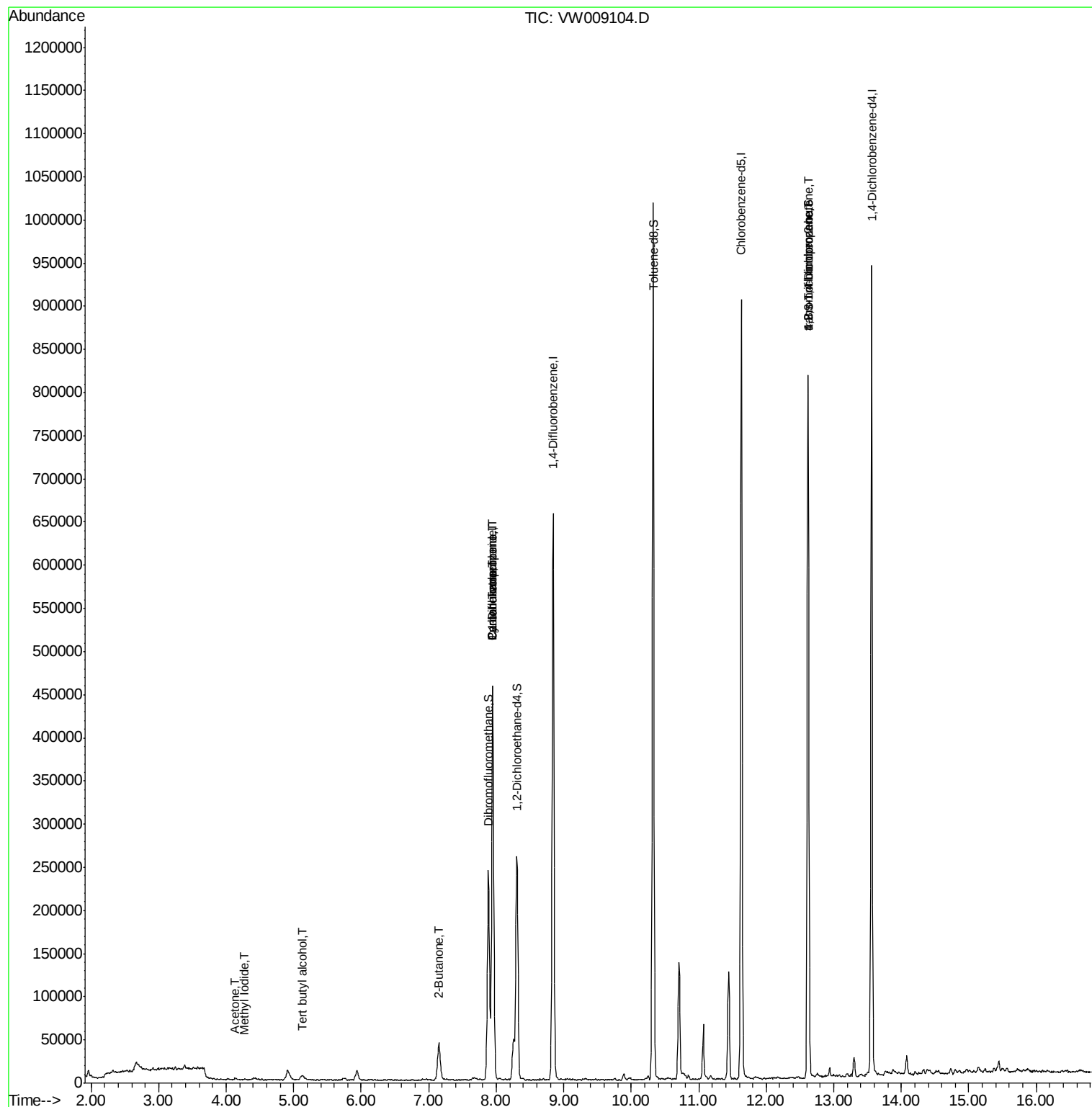
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	27	3.194	ug/l #	40
11) Tert butyl alcohol	5.12	59	4999	19.579	ug/l #	73
16) Acetone	4.13	43	1310	1.742	ug/l #	77
20) Methylene Chloride	4.92	84	7471	Below Cal	#	84
25) 2-Butanone	7.16	43	2308	2.221	ug/l #	87
31) Cyclohexane	7.95	56	8359	1.345	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	26556	4.844	ug/l #	50
38) Carbon Tetrachloride	7.95	117	33162	5.857	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	122196	68.315	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	122196	152.802	ug/l #	5

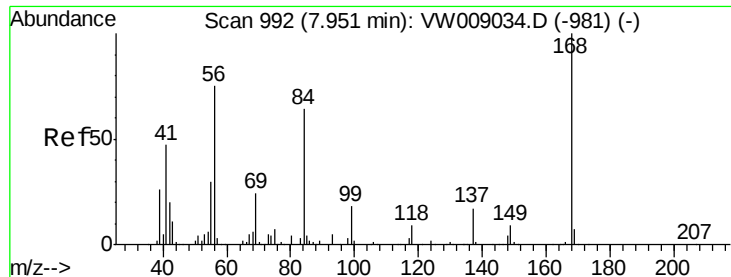
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

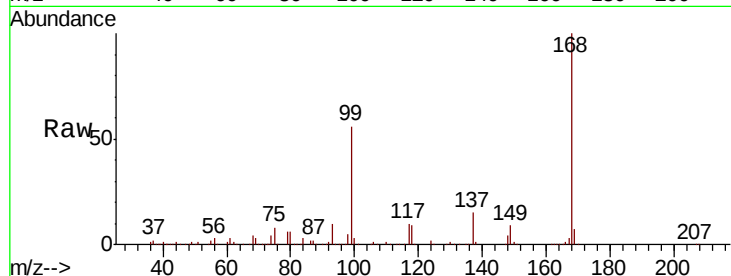
VW0311SBL02

Tgt Ion:168 Resp: 331177

Ion Ratio Lower Upper

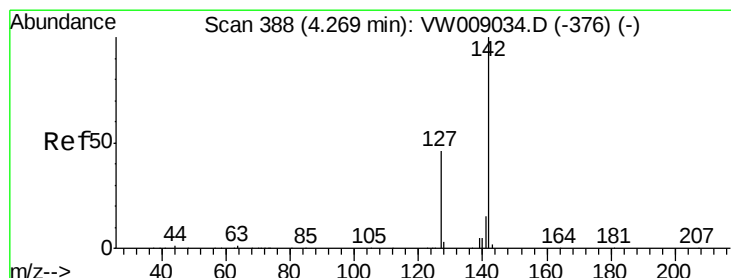
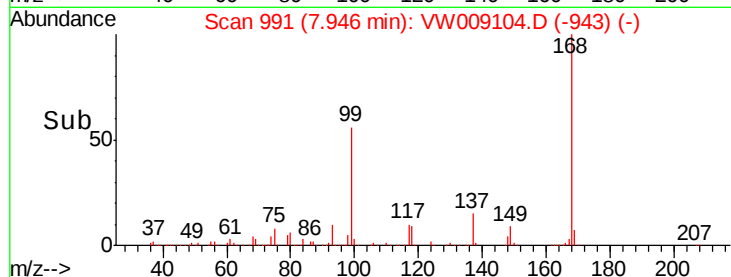
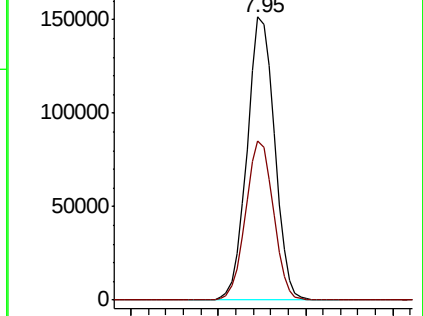
168 100

99 56.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 3.194 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

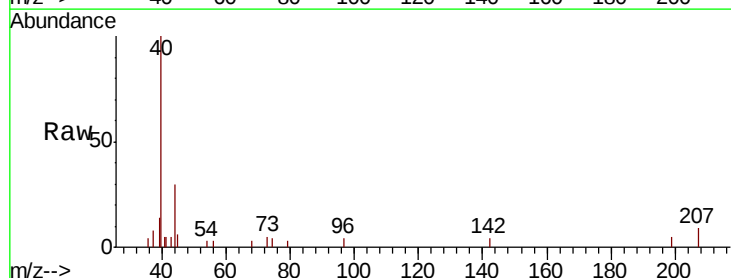
Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

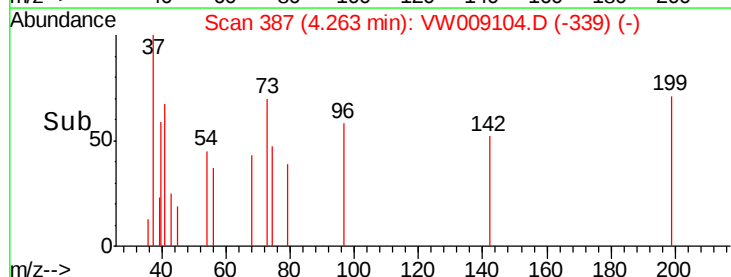
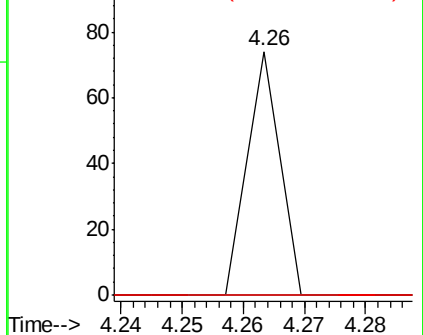
141 0.0 11.8 17.8#

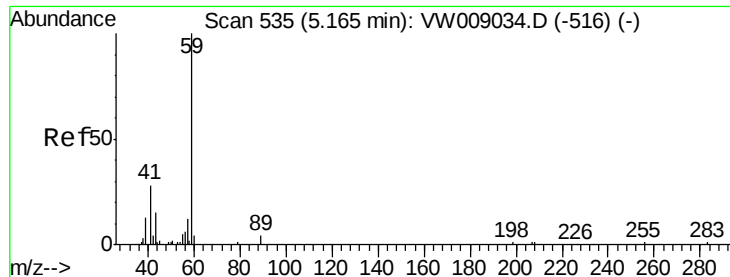


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

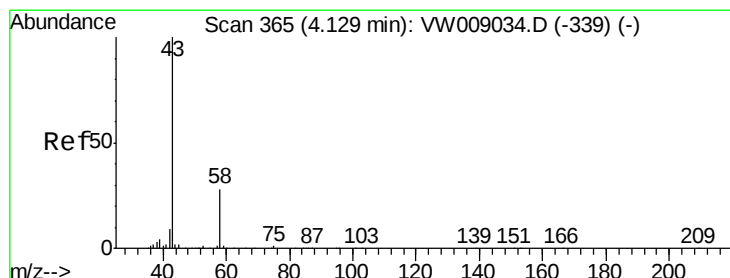
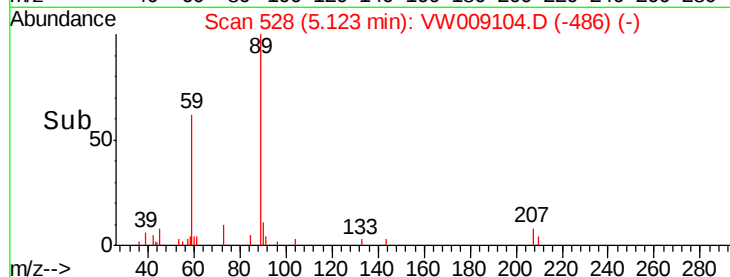
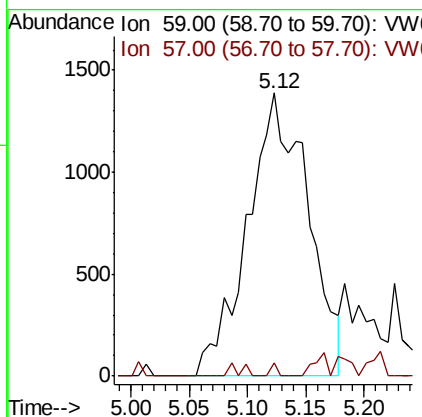
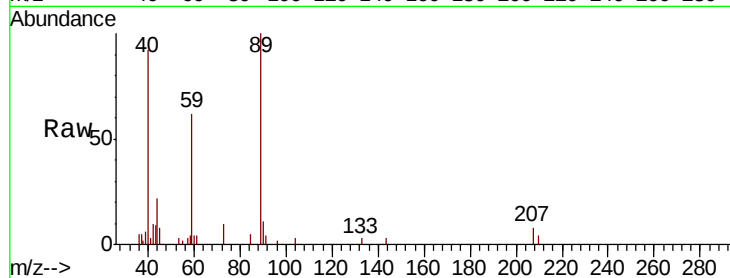




#11
Tert butyl alcohol
Concen: 19.579 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

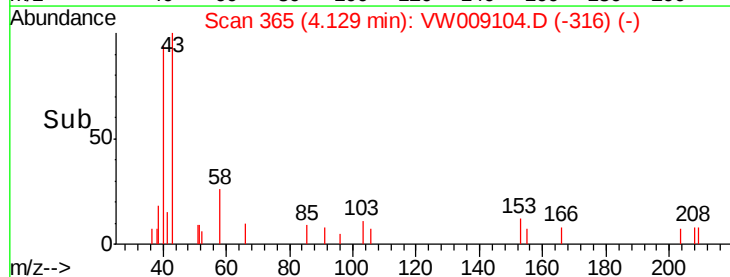
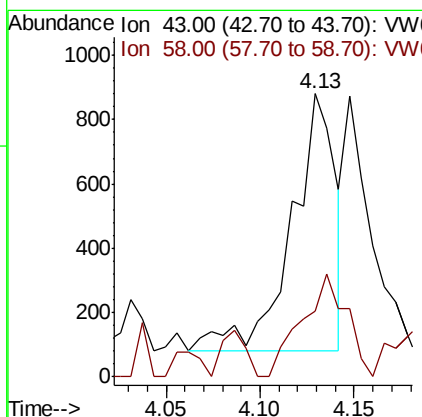
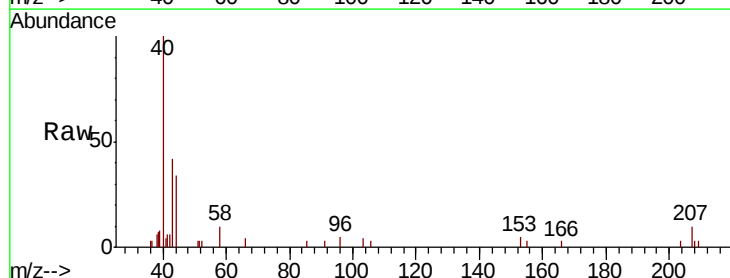
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL02

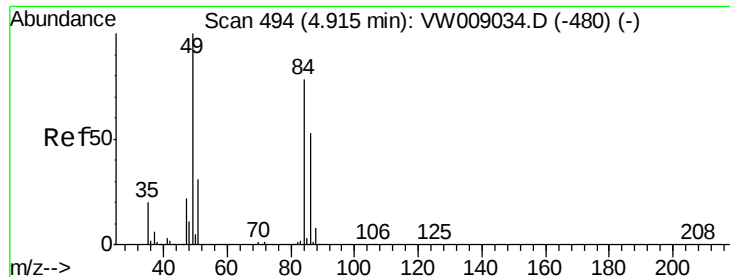
Tgt Ion: 59 Resp: 4999
Ion Ratio Lower Upper
59 100
57 0.5 8.6 12.8#



#16
Acetone
Concen: 1.742 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 16.1 22.5 33.7#

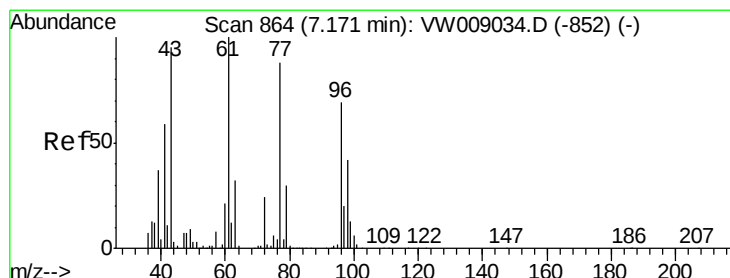
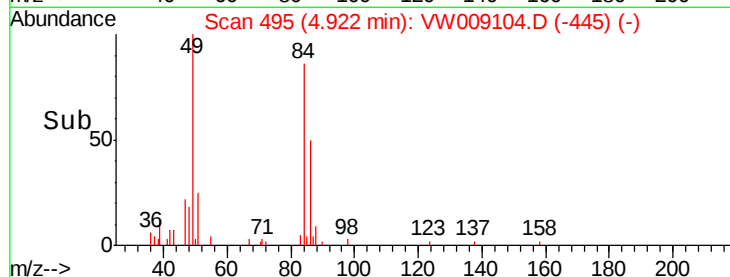
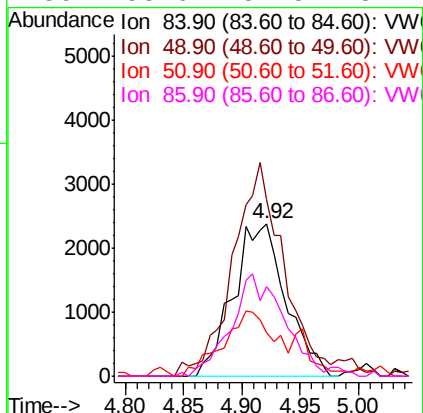
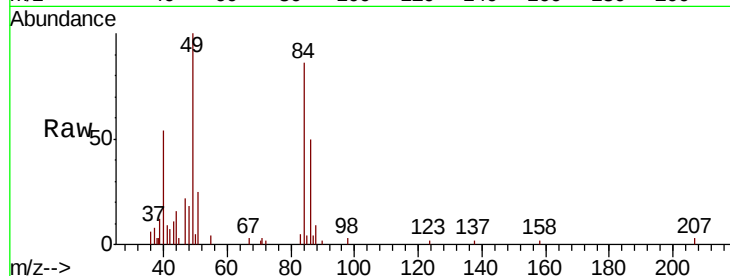




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

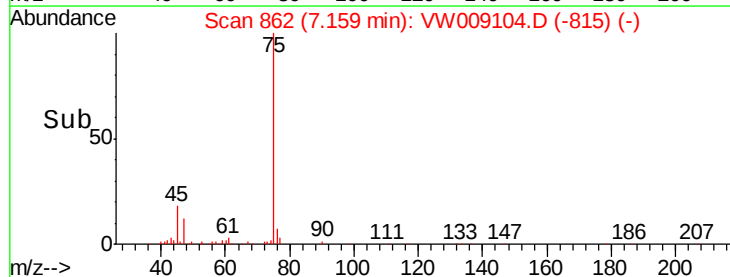
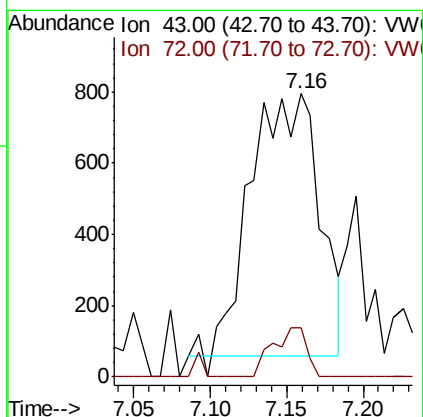
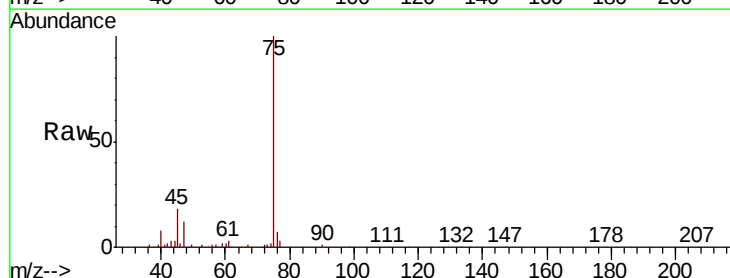
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL02

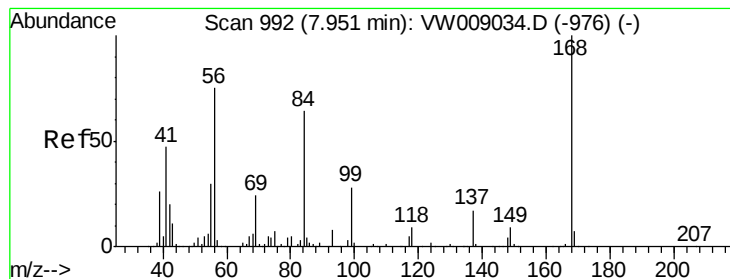
Tgt Ion: 84 Resp: 7471
Ion Ratio Lower Upper
84 100
49 109.2 102.4 153.6
51 25.3 31.6 47.4#
86 58.6 54.5 81.7



#25
2-Butanone
Concen: 2.221 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
72 18.6 20.0 30.0#





#31

Cyclohexane

Concen: 1.345 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBL02

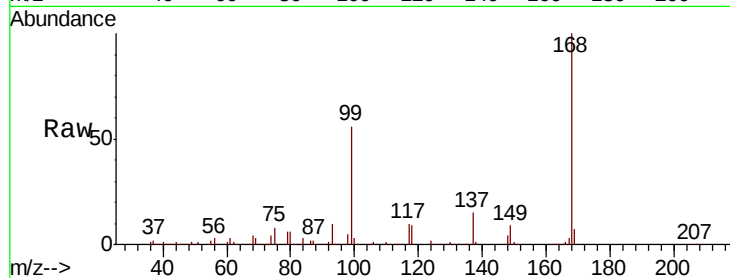
Tgt Ion: 56 Resp: 8359

Ion Ratio Lower Upper

56 100

69 133.2 25.5 38.3#

84 133.8 68.6 103.0#

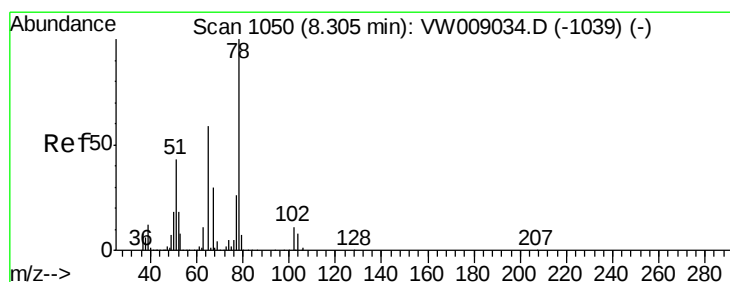
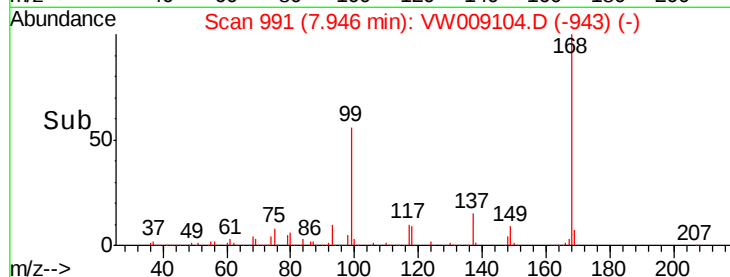
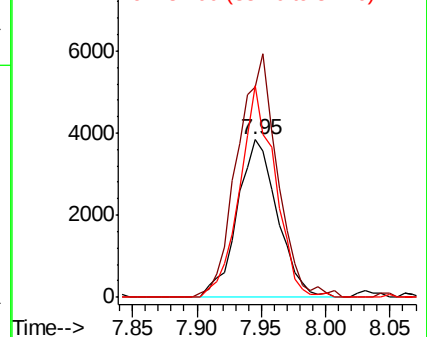


Abundance

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: 58.523 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009104.D

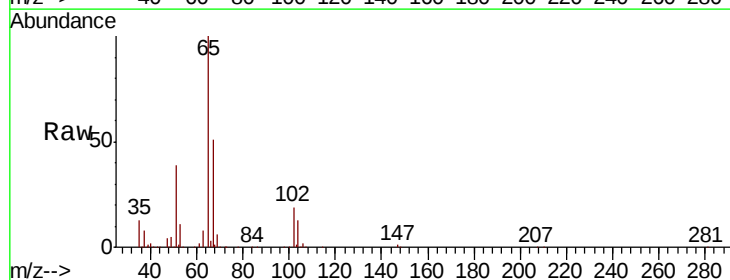
Acq: 12 Mar 2019 00:50

Tgt Ion: 65 Resp: 194996

Ion Ratio Lower Upper

65 100

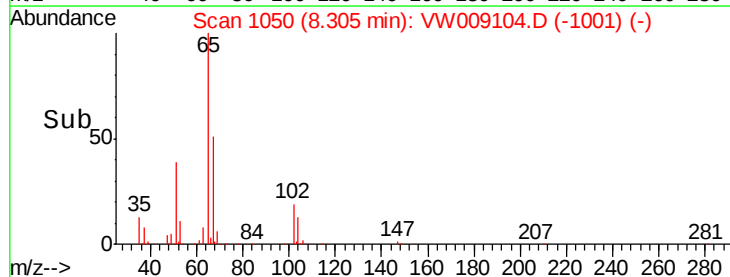
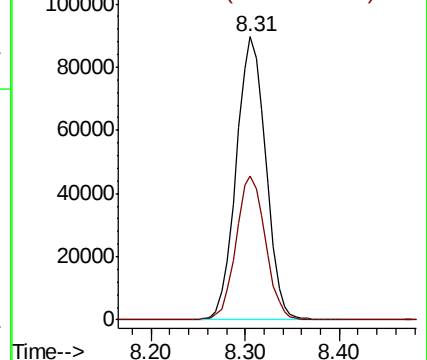
67 50.8 0.0 103.0

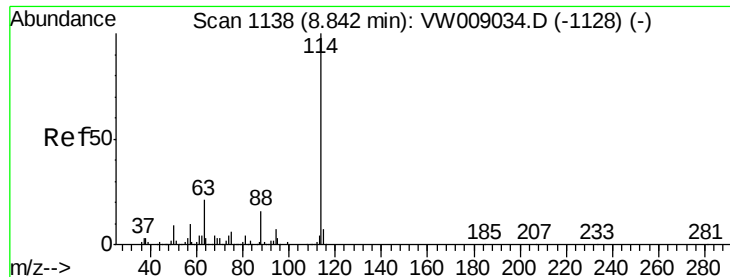


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

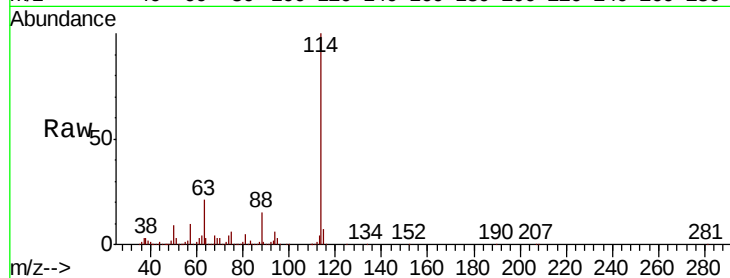




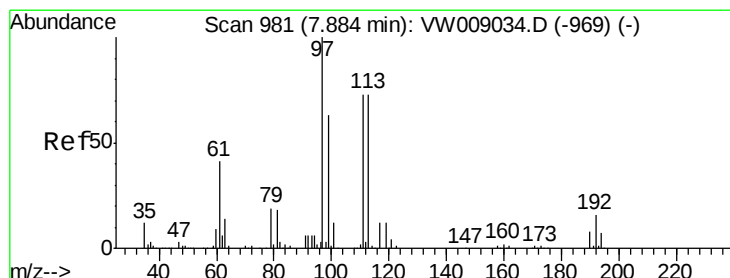
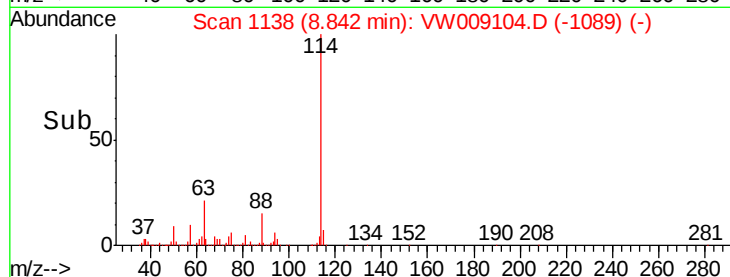
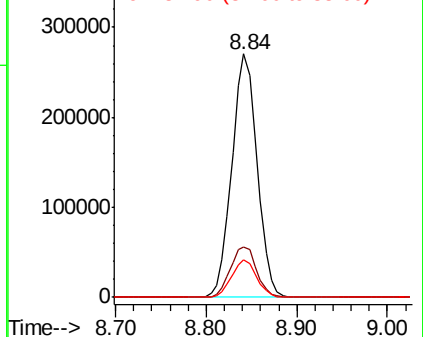
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009104.D
 Acq: 12 Mar 2019 00:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL02

Tgt Ion:114 Resp: 524335
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.2
 88 15.4 0.0 31.2

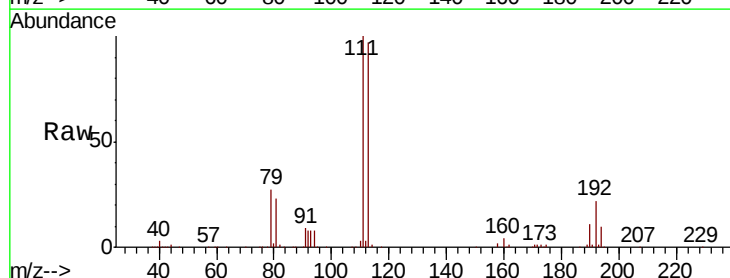


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

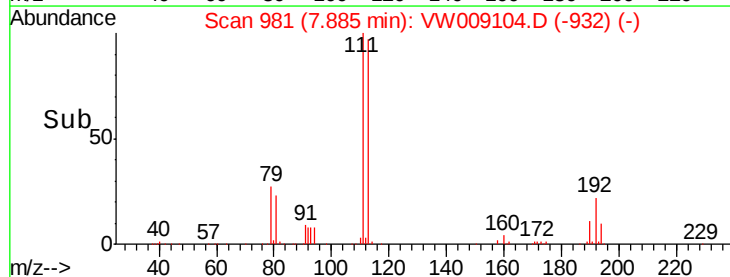
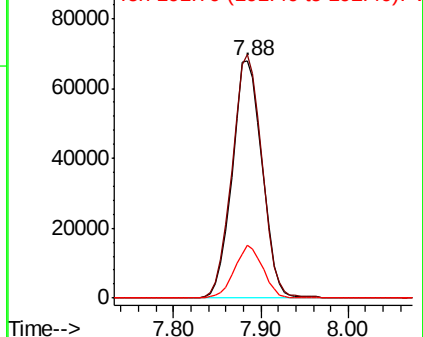


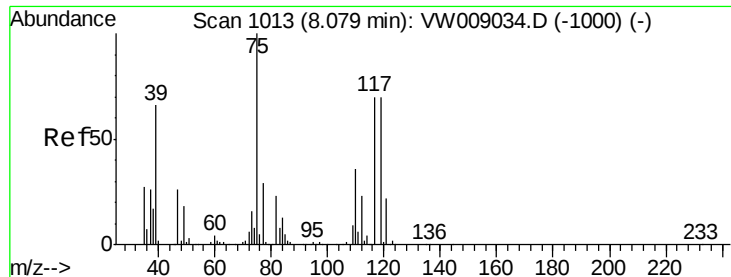
#35
 Dibromofluoromethane
 Concen: 51.226 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009104.D
 Acq: 12 Mar 2019 00:50

Tgt Ion:113 Resp: 161719
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.4
 192 21.0 17.1 25.7



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

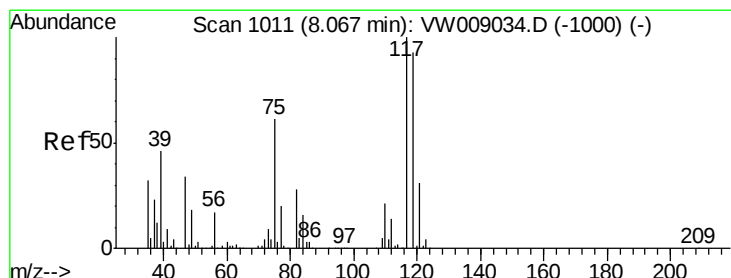
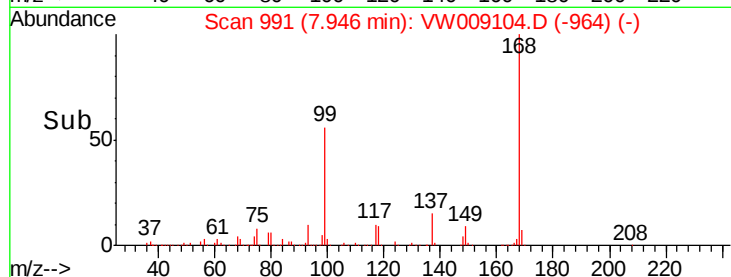
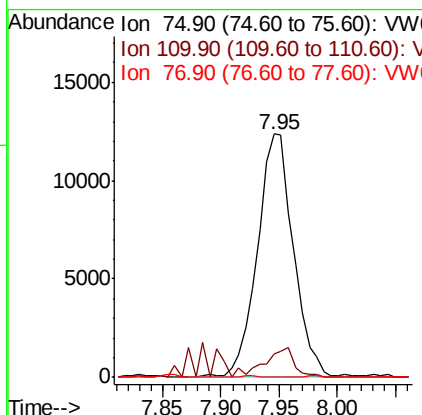
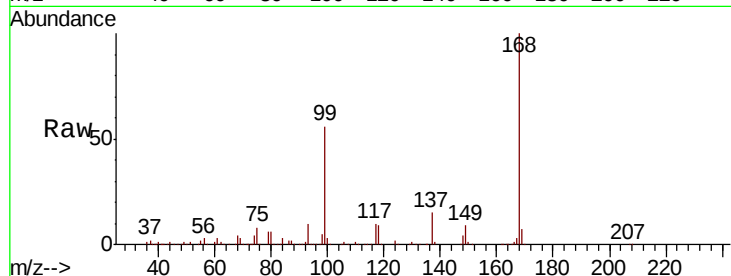




#36
 1,1-Dichloropropene
 Concen: 4.844 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009104.D
 Acq: 12 Mar 2019 00:50

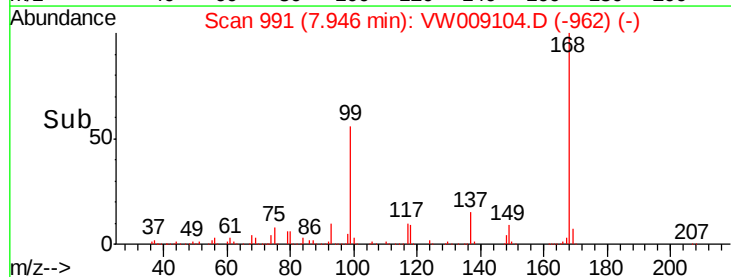
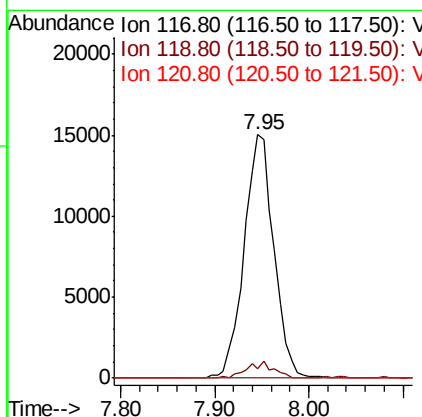
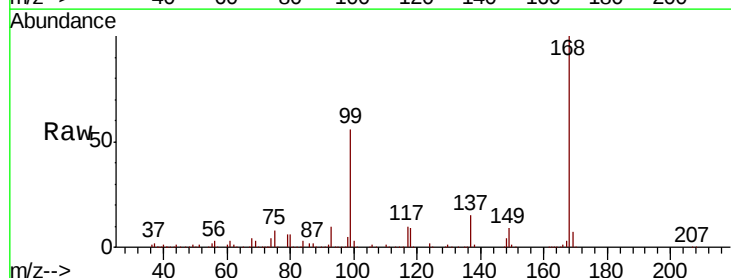
Instrument :
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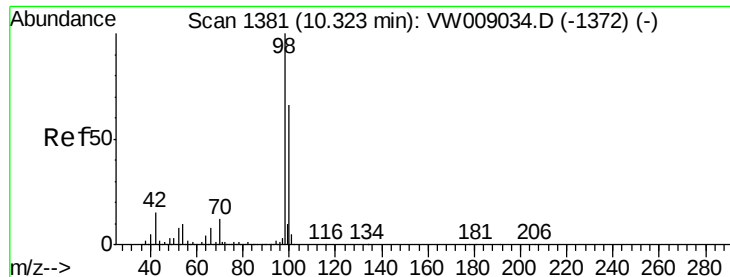
Tgt Ion: 75 Resp: 26556
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.6 52.9#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.857 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009104.D
 Acq: 12 Mar 2019 00:50

Tgt Ion: 117 Resp: 33162
 Ion Ratio Lower Upper
 117 100
 119 3.9 74.6 112.0#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 48.861 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

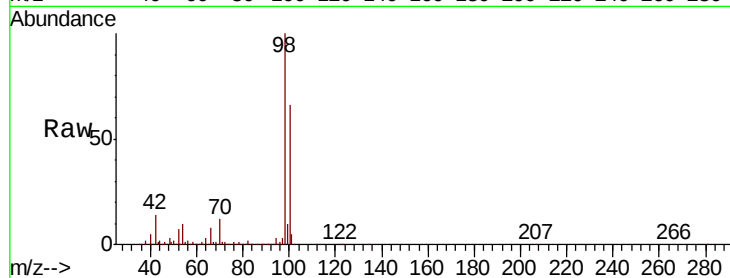
VW0311SBL02

Tgt Ion: 98 Resp: 633536

Ion Ratio Lower Upper

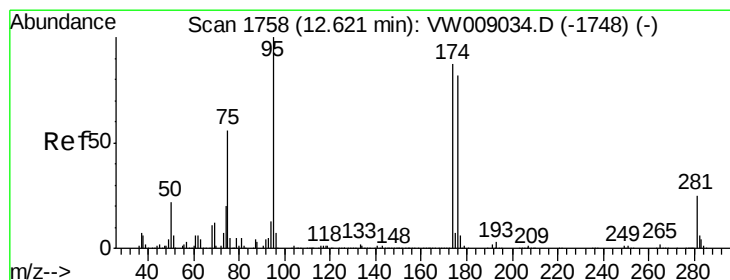
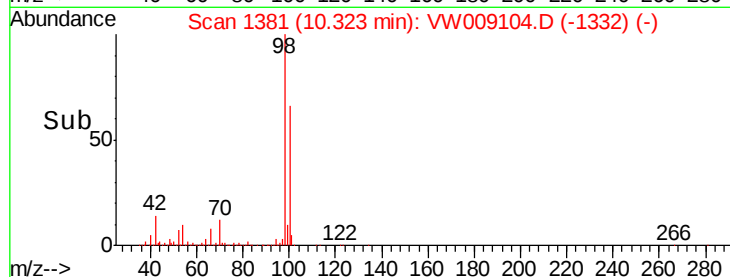
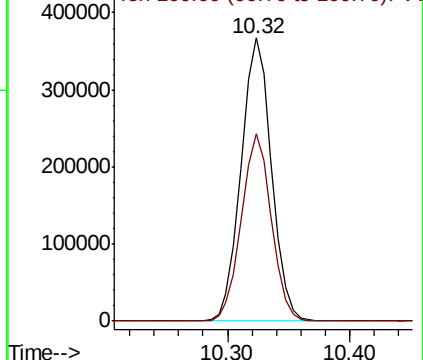
98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.855 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

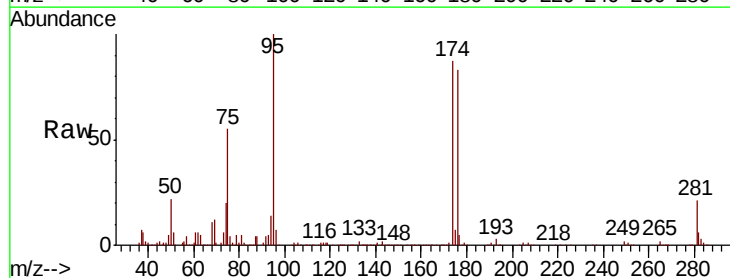
Tgt Ion: 95 Resp: 223845

Ion Ratio Lower Upper

95 100

174 83.7 0.0 167.0

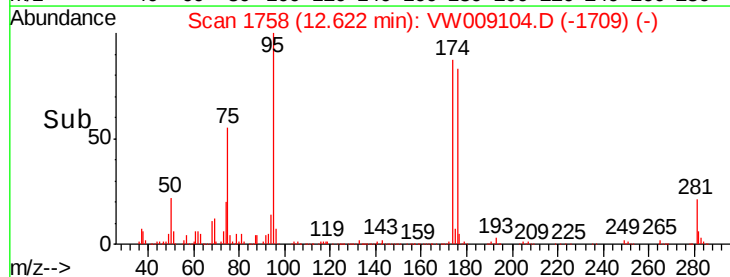
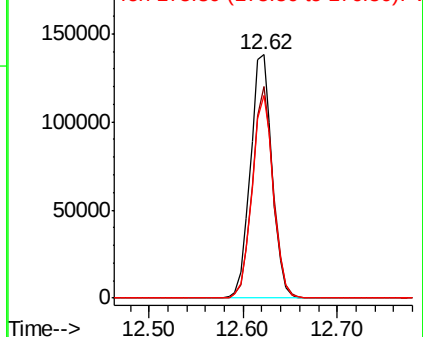
176 81.5 0.0 159.4

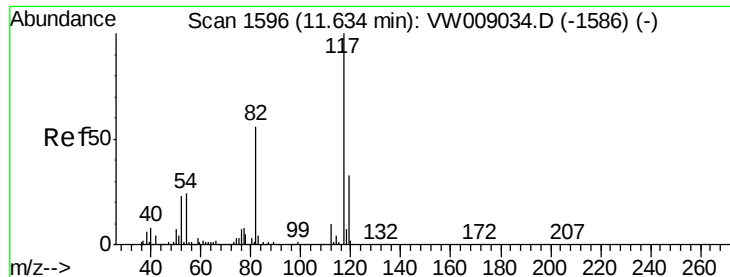


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

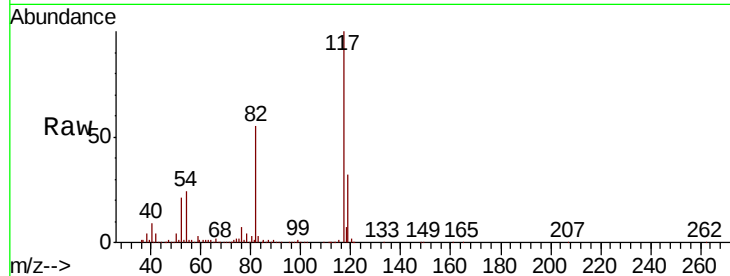




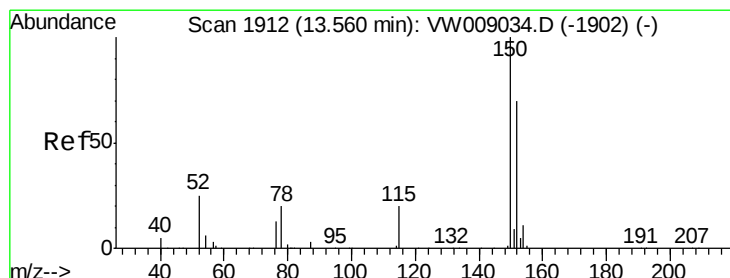
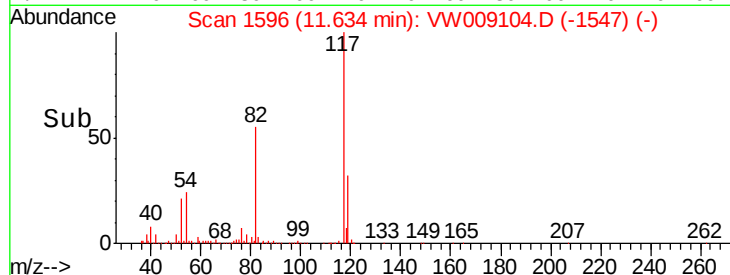
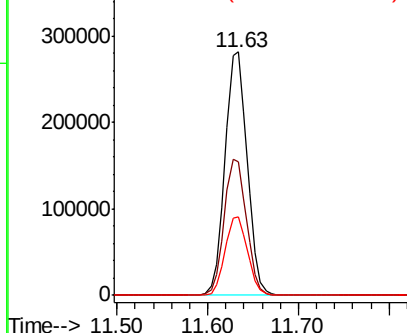
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL02

Tgt Ion:117 Resp: 478363
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 32.5 26.6 39.8

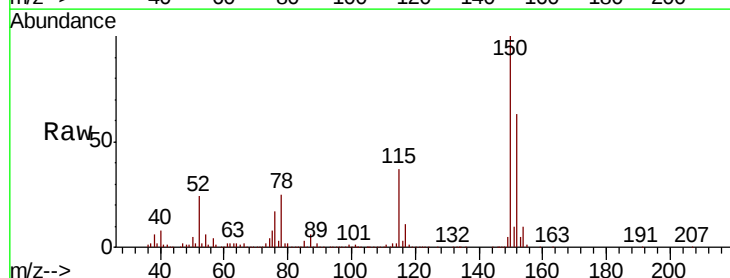


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

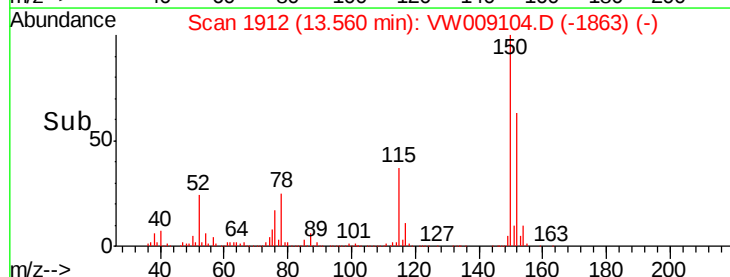
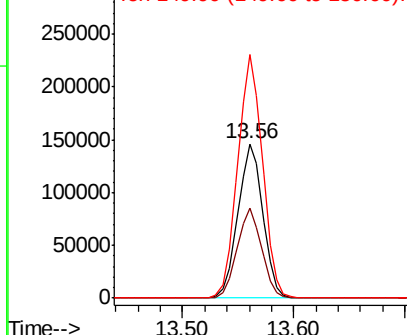


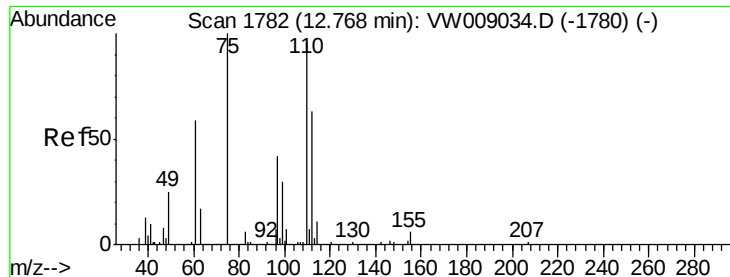
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009104.D
Acq: 12 Mar 2019 00:50

Tgt Ion:152 Resp: 226397
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 156.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 68.315 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

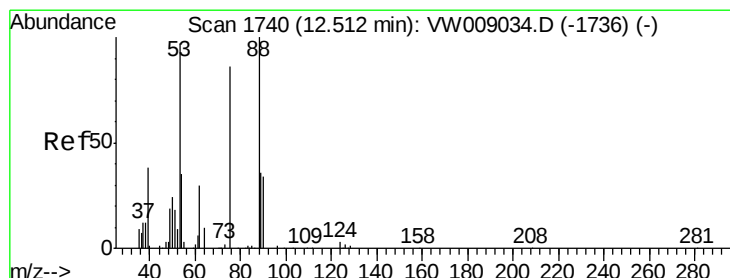
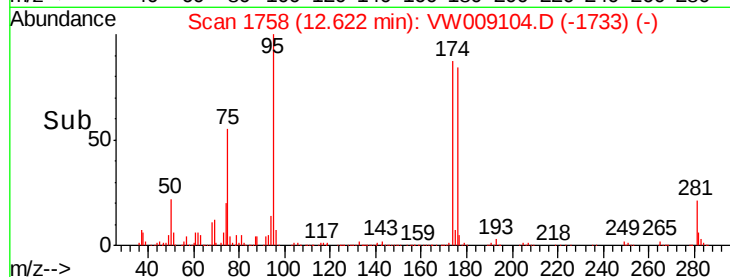
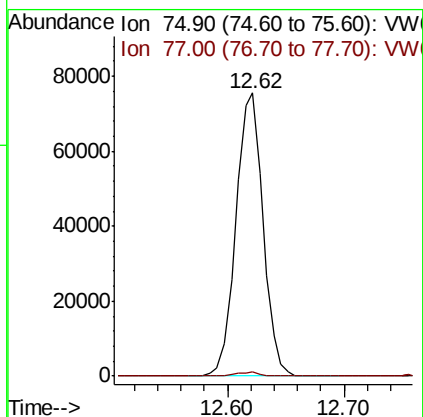
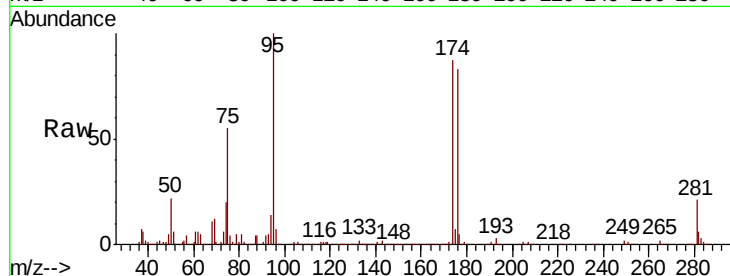
VW0311SBL02

Tgt Ion: 75 Resp: 122196

Ion Ratio Lower Upper

75 100

77 1.6 186.7 560.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.802 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009104.D

Acq: 12 Mar 2019 00:50

Tgt Ion: 75 Resp: 122196

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.3 37.5 56.3#

