

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
 Data File : VW009078.D
 Acq On : 11 Mar 2019 11:20
 Operator : SY/VA
 Sample : VW0311SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL01

Quant Time: Mar 12 08:08:46 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	309762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	433067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	195496	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	173774	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	149353	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	10.32	98	579709	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	195797	41.96	ug/l	0.00
Spiked Amount			Recovery	=	83.92%	

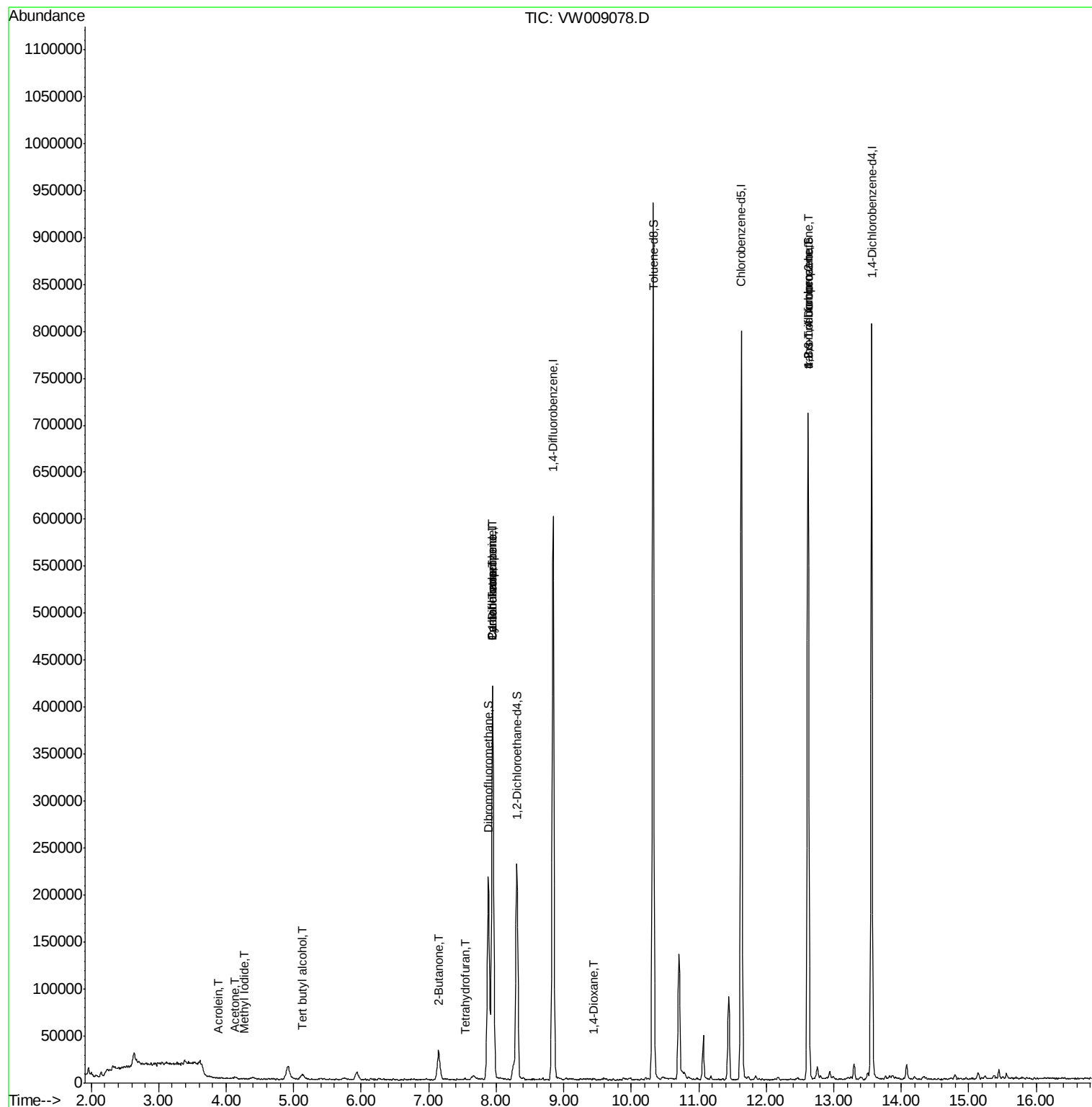
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	94	3.213	ug/l #	40
11) Tert butyl alcohol	5.12	59	2589	10.841	ug/l #	80
13) Acrolein	3.89	56	316	1.202	ug/l #	1
16) Acetone	4.14	43	2269	3.226	ug/l	96
20) Methylene Chloride	4.92	84	10393	Below Cal		95
25) 2-Butanone	7.14	43	2371	2.439	ug/l #	50
29) Tetrahydrofuran	7.55	42	914	1.492	ug/l #	64
31) Cyclohexane	7.94	56	8209	1.412	ug/l #	52
36) 1,1-Dichloropropene	7.94	75	24930	4.974	ug/l #	52
38) Carbon Tetrachloride	7.95	117	30773	5.945	ug/l #	19
49) 1,4-Dioxane	9.45	88	93	3.549	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	106211	68.764	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	106211	153.806	ug/l #	5

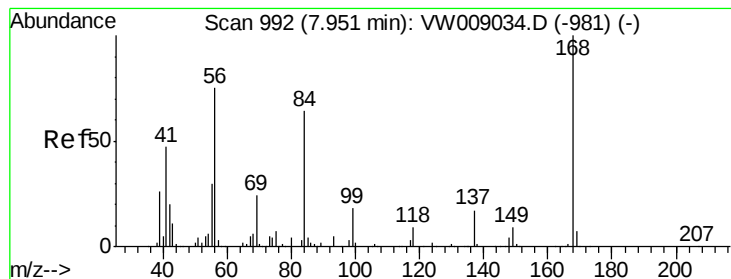
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031119\
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Quant Time: Mar 12 08:08:46 2019
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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: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

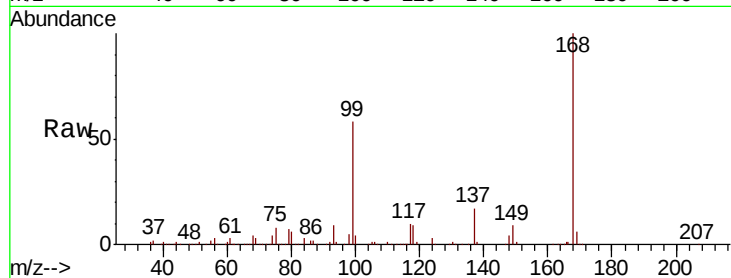
VW0311SBL01

Tgt Ion:168 Resp: 309762

Ion Ratio Lower Upper

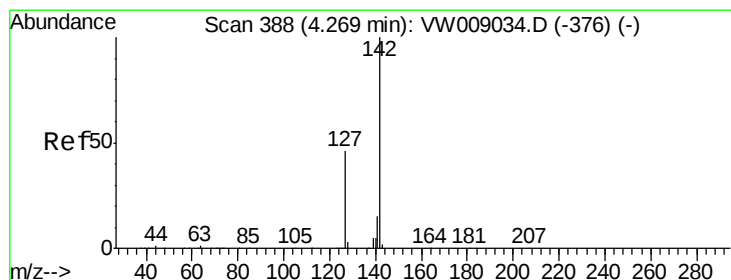
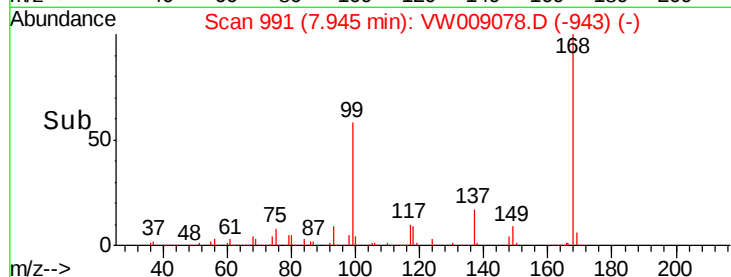
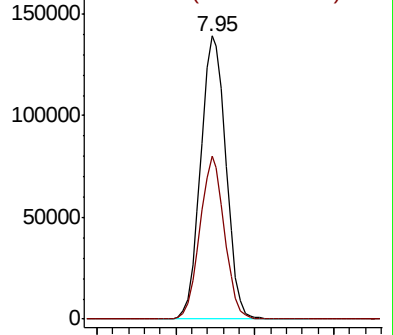
168 100

99 57.7 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: 3.213 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

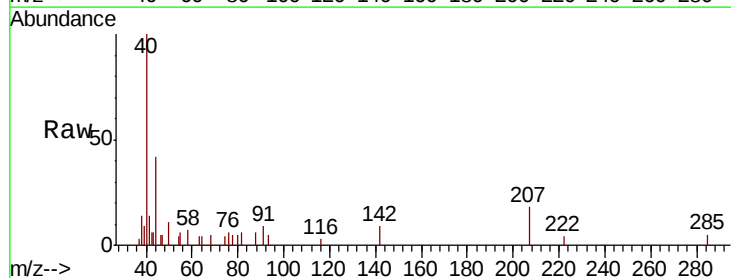
Tgt Ion:142 Resp: 94

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

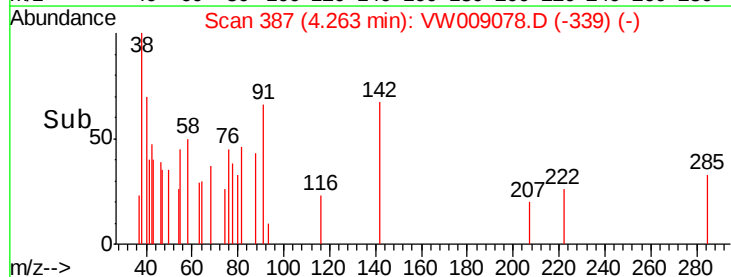
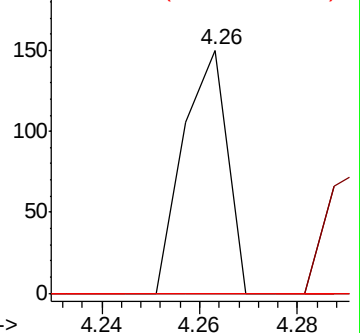
141 0.0 11.8 17.8#

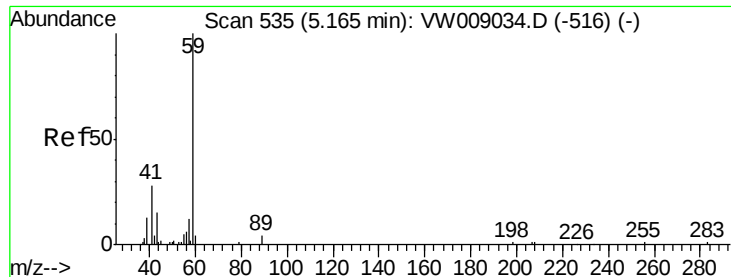


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



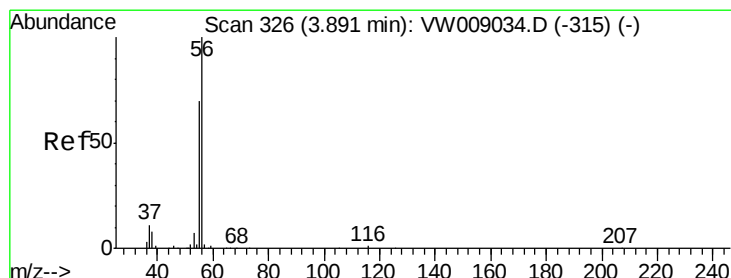
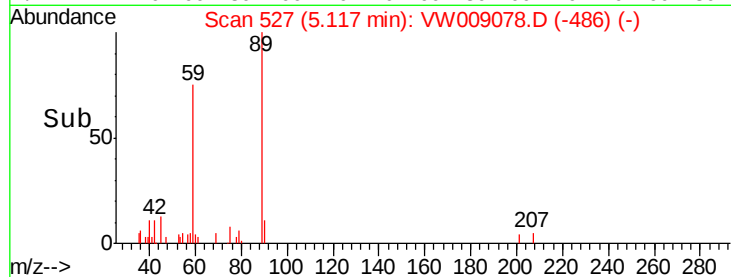
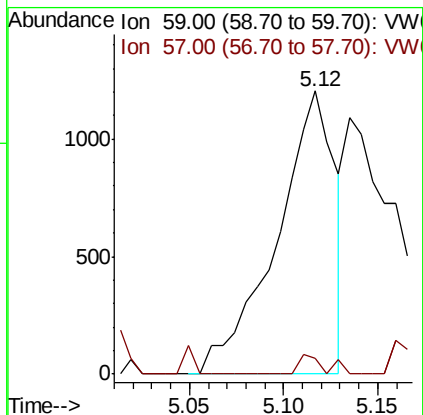
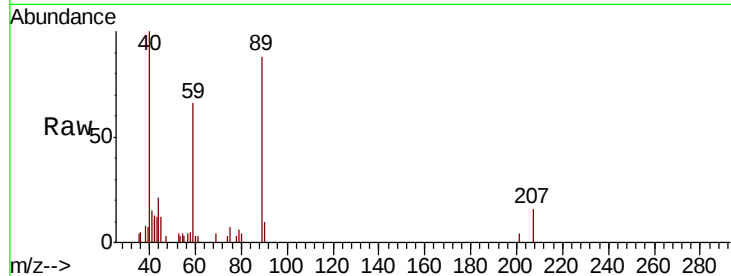


#11

Tert butyl alcohol
 Concen: 10.841 ug/l
 RT: 5.12 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL01

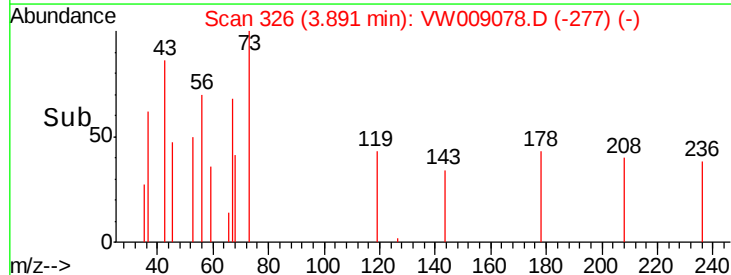
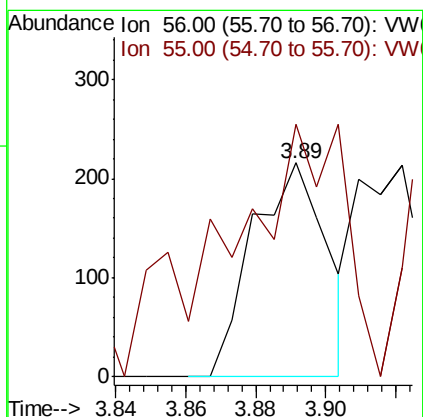
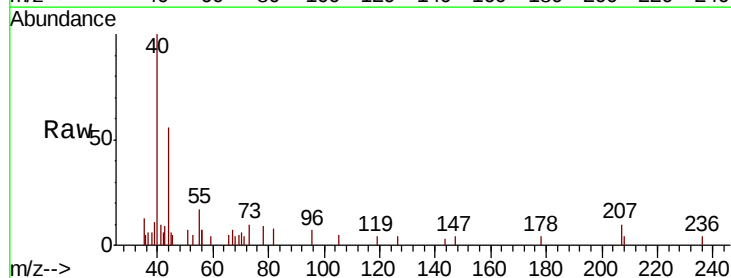
Tgt Ion: 59 Resp: 2589
 Ion Ratio Lower Upper
 59 100
 57 3.1 8.6 12.8#

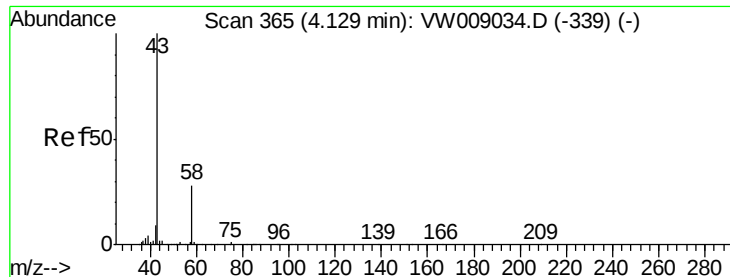


#13

Acrolein
 Concen: 1.202 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Tgt Ion: 56 Resp: 316
 Ion Ratio Lower Upper
 56 100
 55 158.9 56.6 84.8#

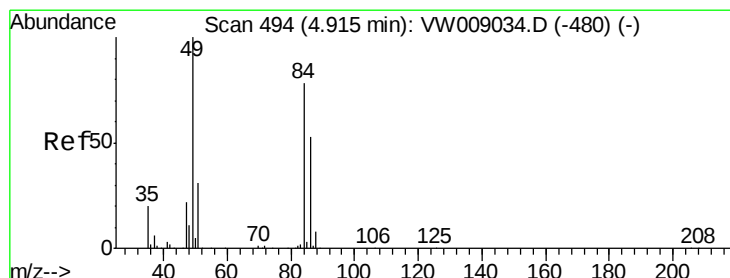
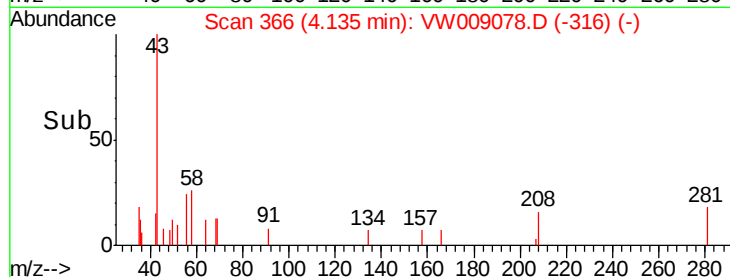
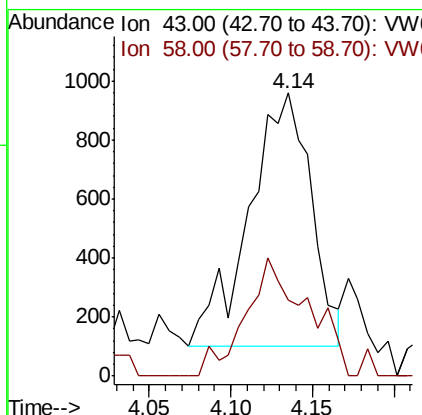
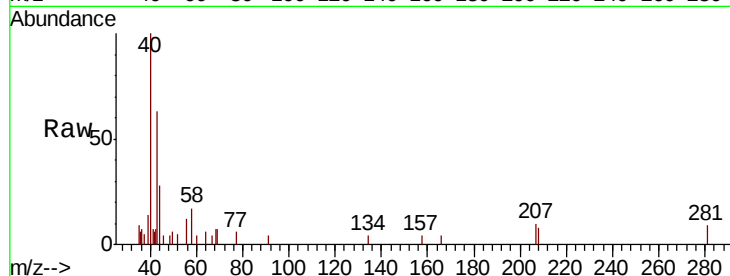




#16
Acetone
Concen: 3.226 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

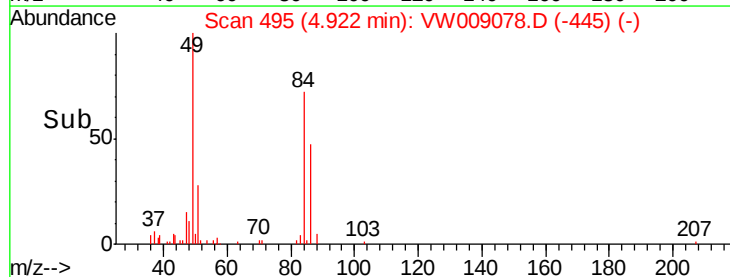
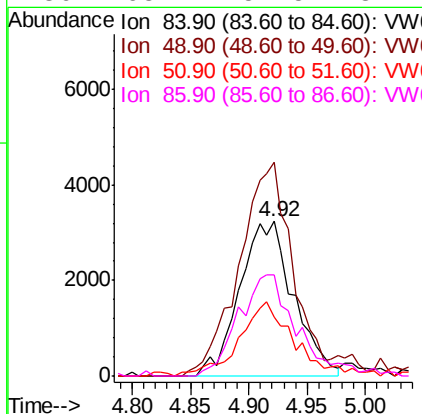
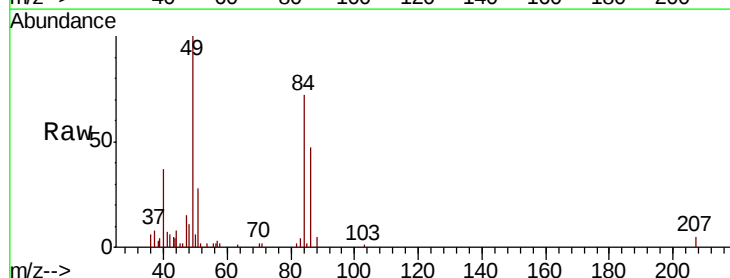
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL01

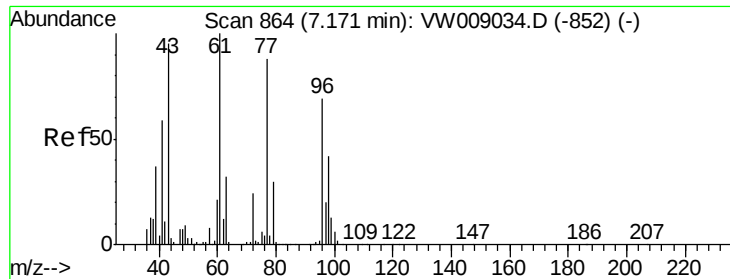
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 30.3 22.5 33.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Tgt Ion: 84 Resp: 10393
Ion Ratio Lower Upper
84 100
49 134.8 102.4 153.6
51 35.4 31.6 47.4
86 65.4 54.5 81.7





#25

2-Butanone

Concen: 2.439 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

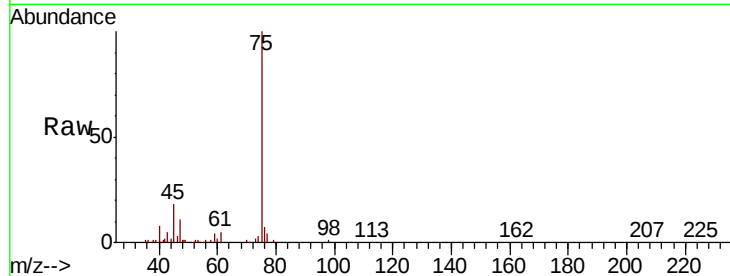
VW0311SBL01

Tgt Ion: 43 Resp: 2371

Ion Ratio Lower Upper

43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

800

600

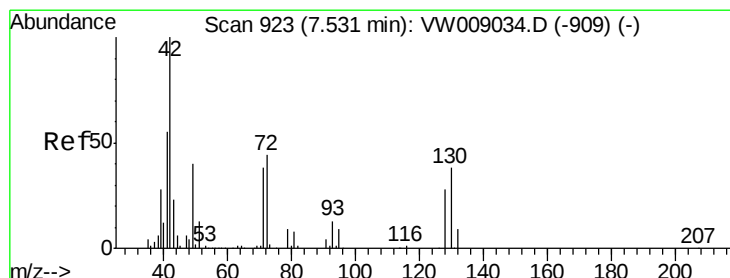
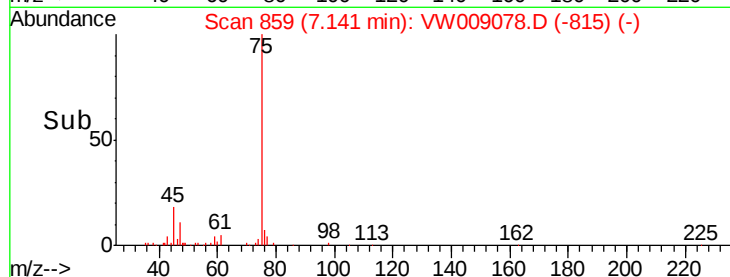
400

200

0

7.05 7.10 7.15 7.20

Time-->



#29

Tetrahydrofuran

Concen: 1.492 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

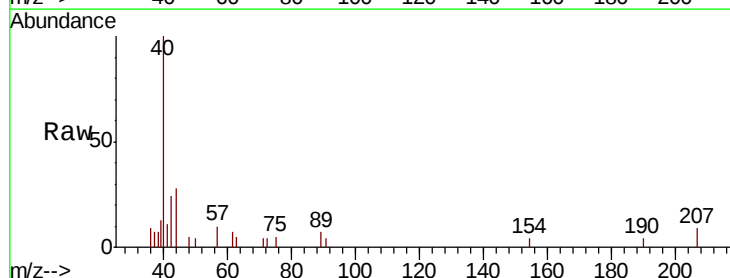
Tgt Ion: 42 Resp: 914

Ion Ratio Lower Upper

42 100

72 11.8 32.2 48.4#

71 23.4 30.7 46.1#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

500

400

300

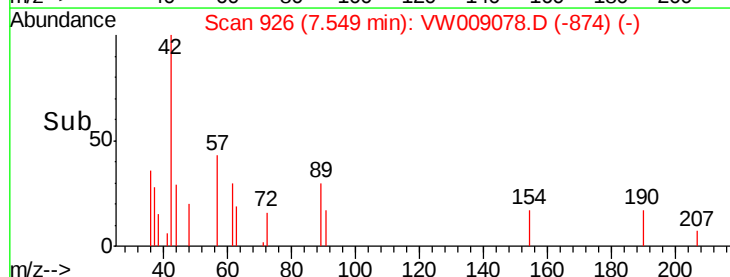
200

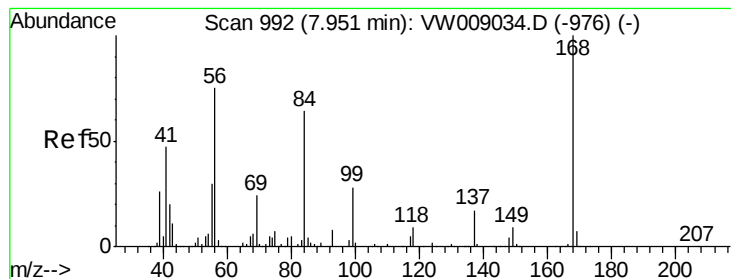
100

0

7.45 7.50 7.55 7.60

Time-->





#31

Cyclohexane

Concen: 1.412 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBL01

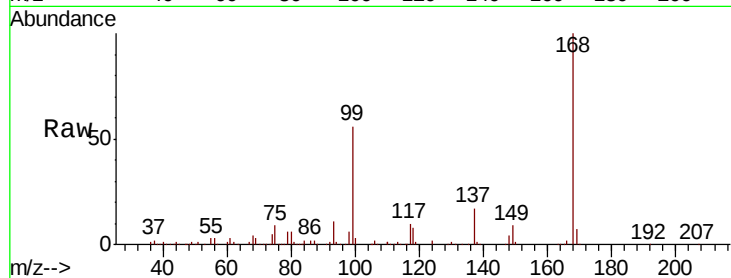
Tgt Ion: 56 Resp: 8209

Ion Ratio Lower Upper

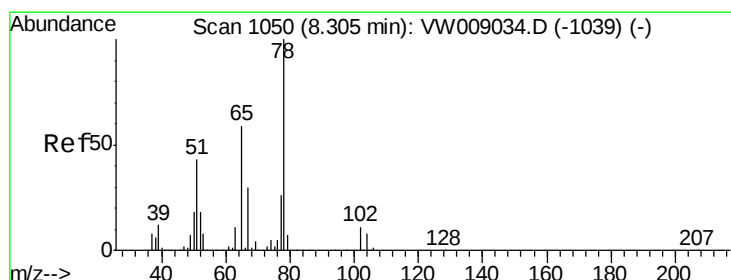
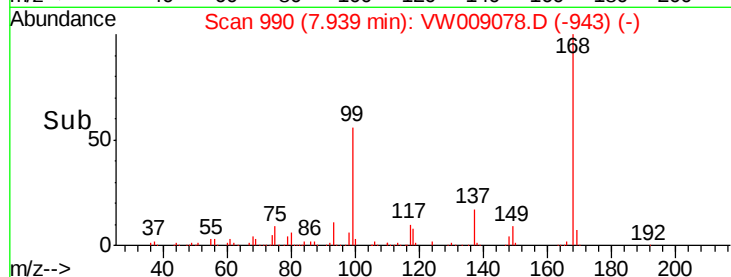
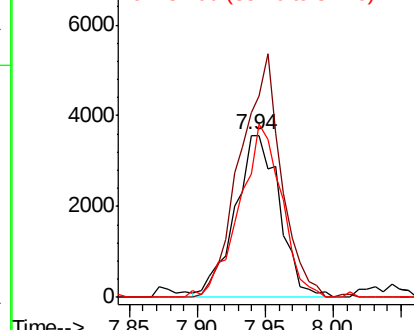
56 100

69 113.7 25.5 38.3#

84 76.0 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: 55.759 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009078.D

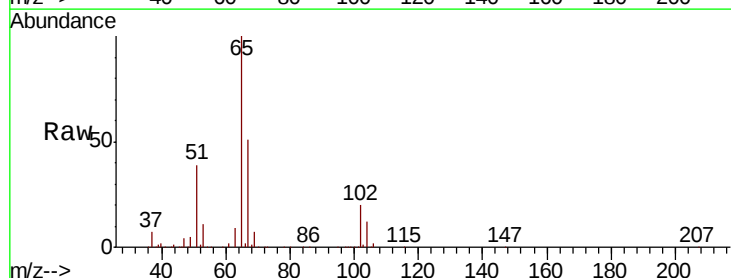
Acq: 11 Mar 2019 11:20

Tgt Ion: 65 Resp: 173774

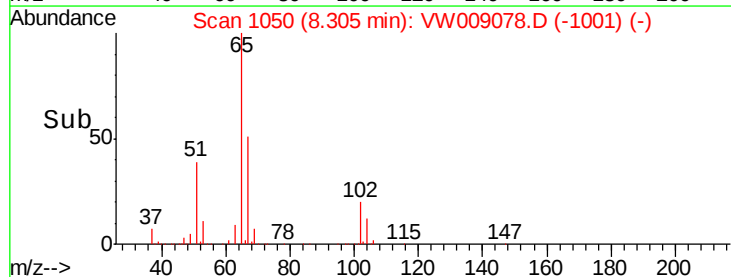
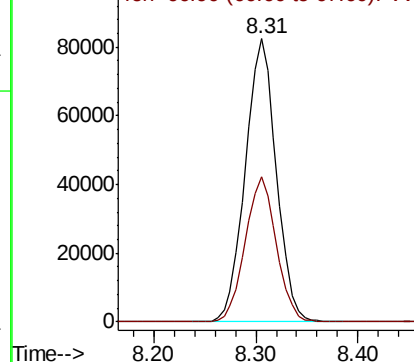
Ion Ratio Lower Upper

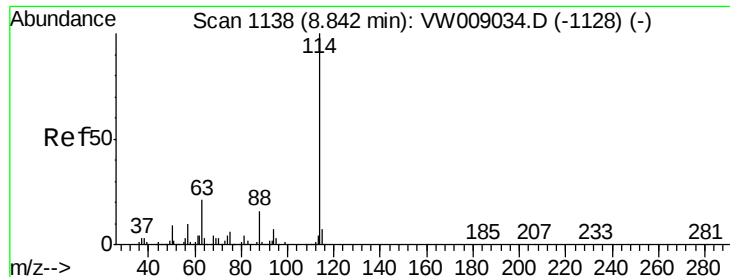
65 100

67 51.5 0.0 103.0



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

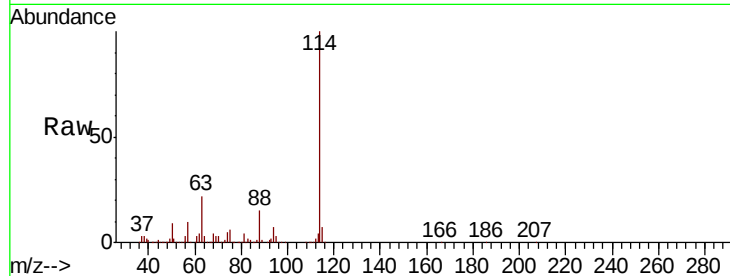




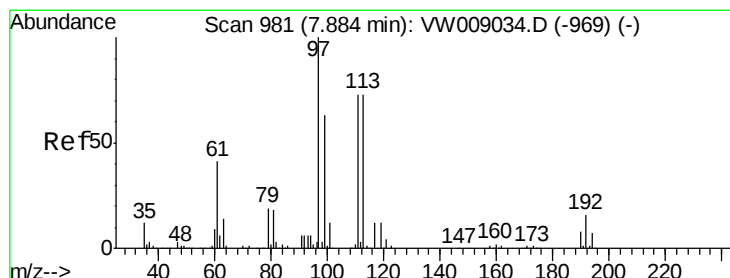
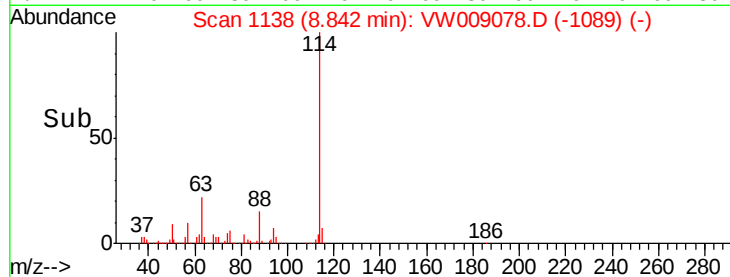
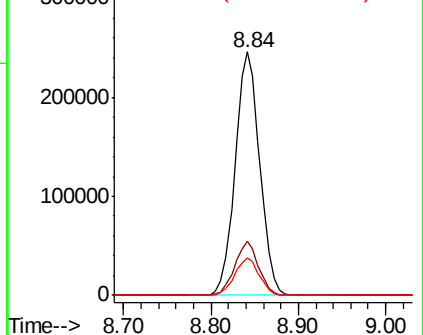
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Instrument :
MSVOA_W
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VW0311SBL01

Tgt Ion:114 Resp: 479341
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.2
88 15.5 0.0 31.2

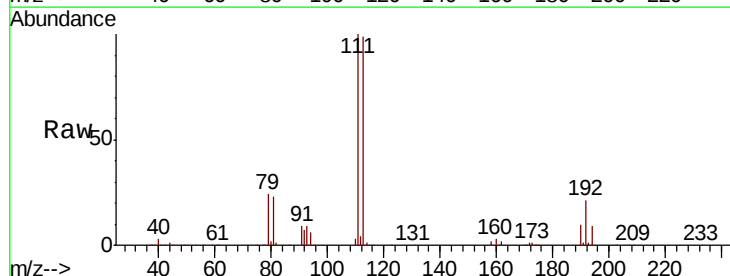


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

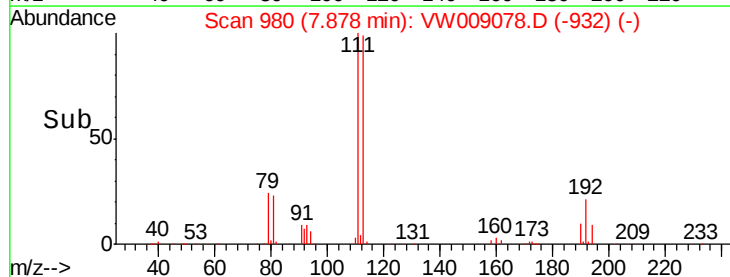
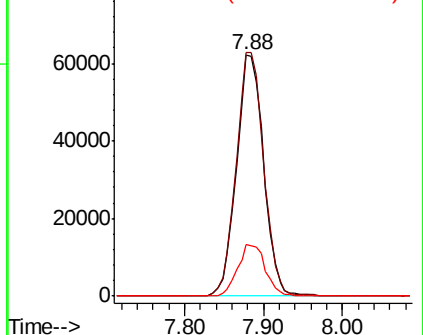


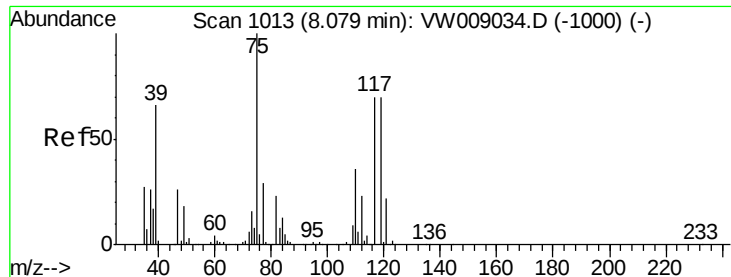
#35
Dibromofluoromethane
Concen: 51.750 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Tgt Ion:113 Resp: 149353
Ion Ratio Lower Upper
113 100
111 101.7 81.0 121.4
192 21.5 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

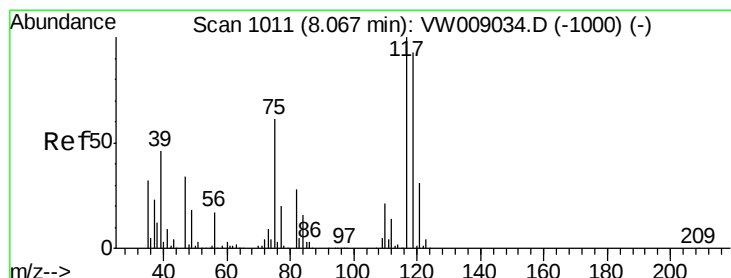
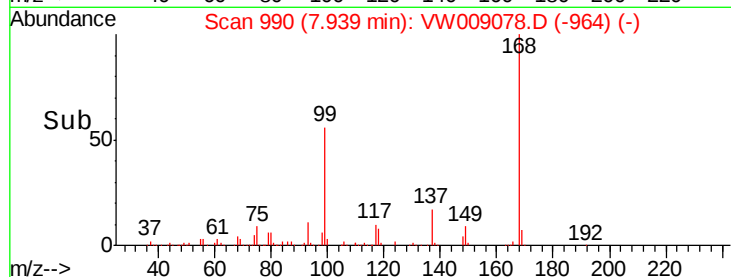
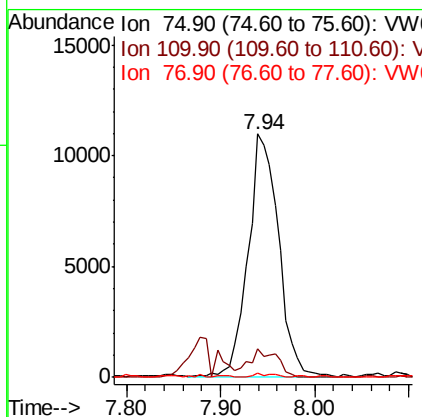
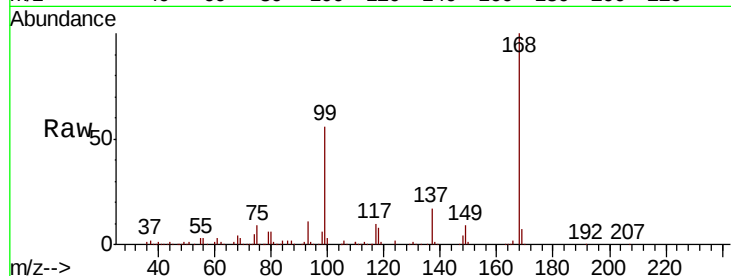




#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

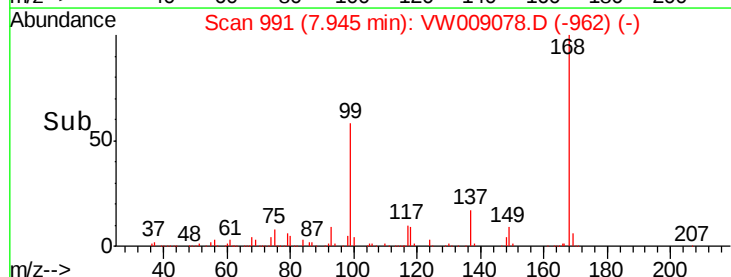
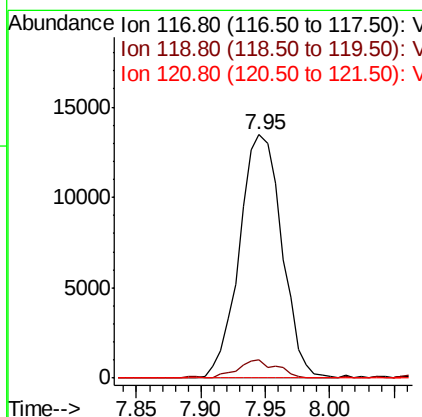
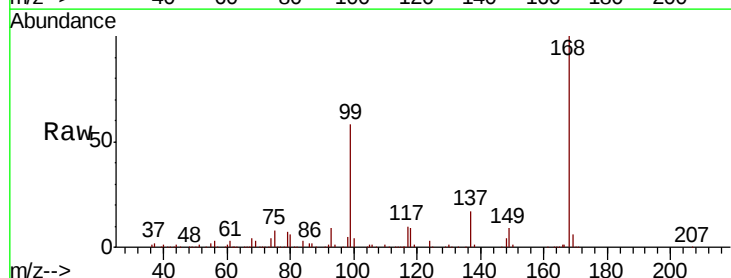
Instrument :
 MSVOA_W
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 VW0311SBL01

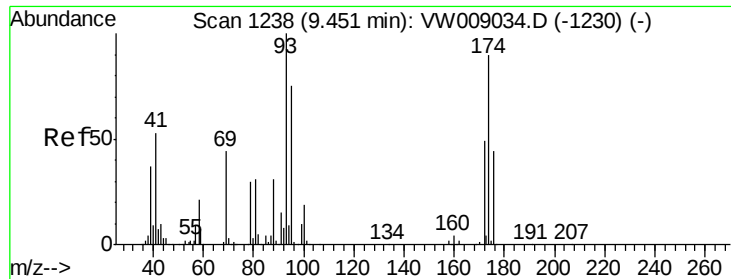
Tgt Ion: 75 Resp: 24930
 Ion Ratio Lower Upper
 75 100
 110 10.7 17.6 52.9#
 77 1.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.945 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Tgt Ion: 117 Resp: 30773
 Ion Ratio Lower Upper
 117 100
 119 7.4 74.6 112.0#
 121 0.0 24.7 37.1#

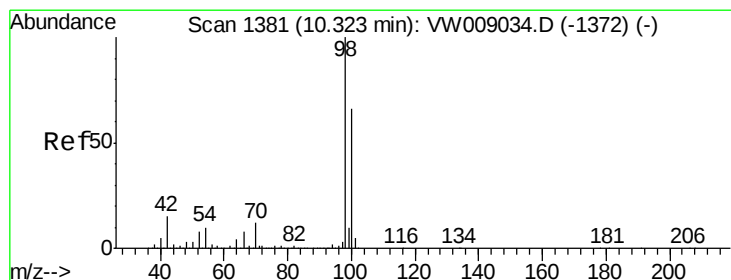
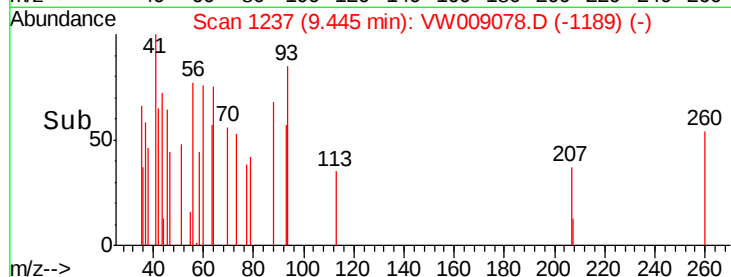
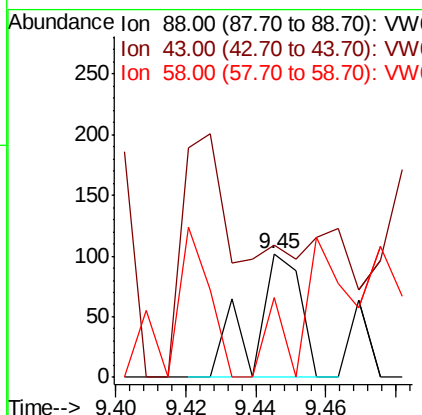
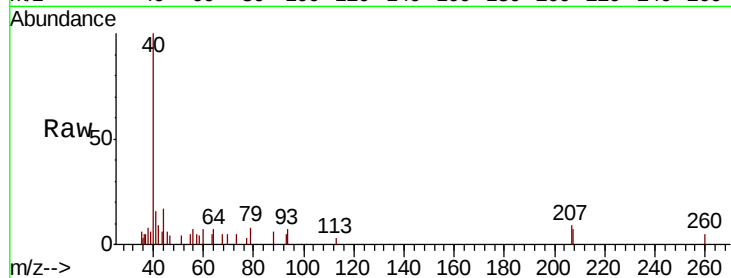




#49
 1,4-Dioxane
 Concen: 3.549 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

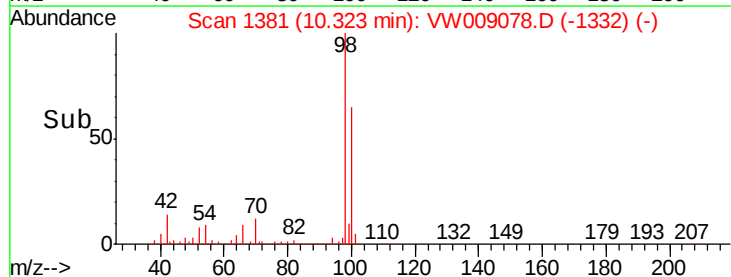
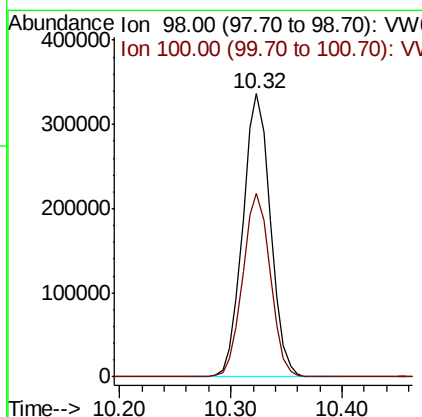
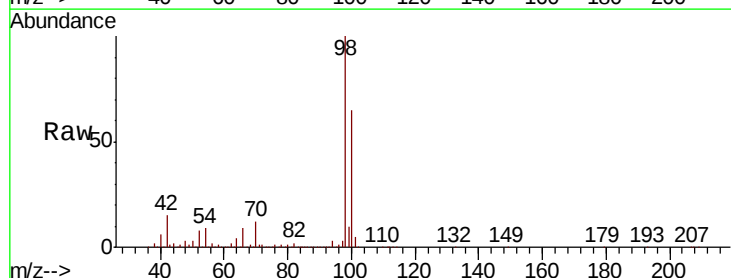
Instrument :
 MSVOA_W
 ClientSampled :
 VW0311SBL01

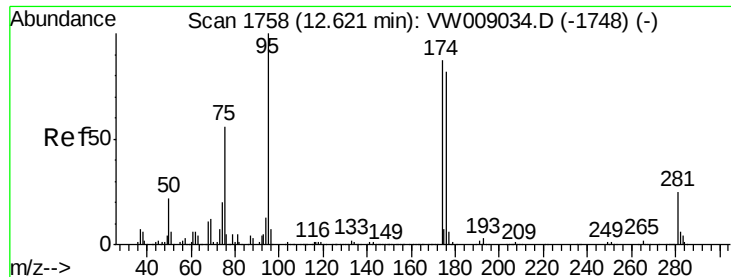
Tgt Ion: 88 Resp: 93
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 0.0 59.2 88.8#



#50
 Toluene-d8
 Concen: 48.906 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Tgt Ion: 98 Resp: 579709
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.9 77.9

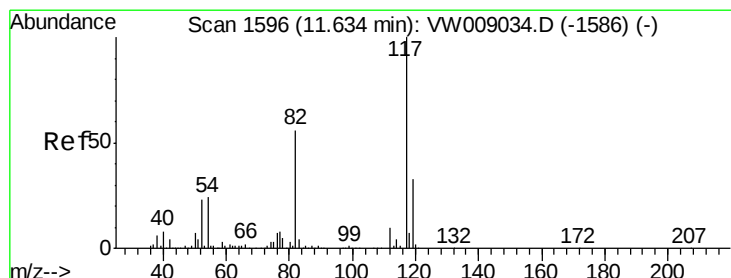
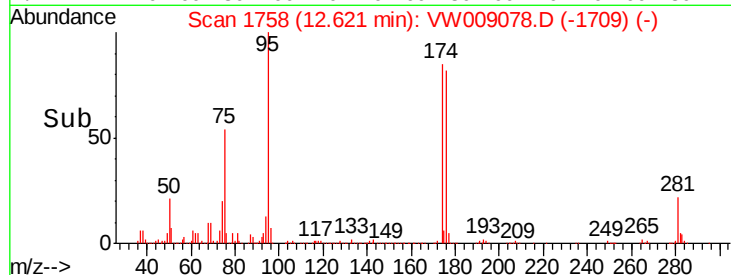
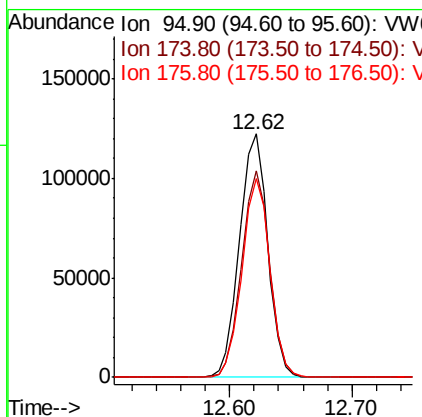
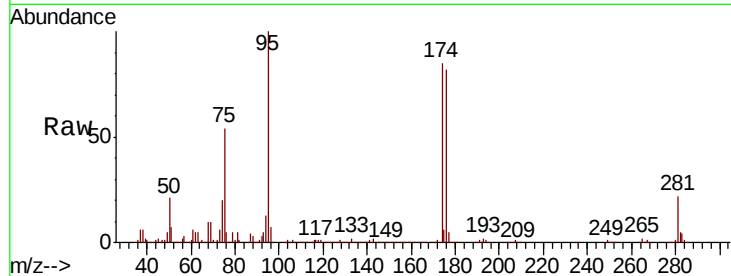




#62
4-Bromofluorobenzene
Concen: 41.960 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

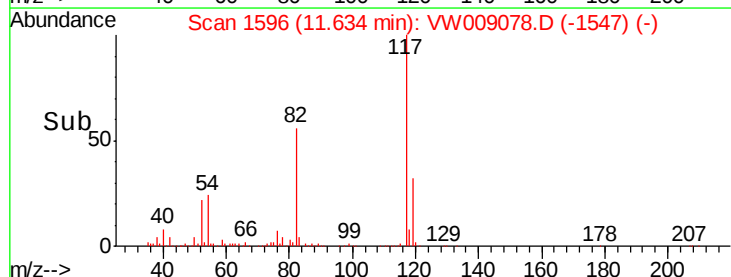
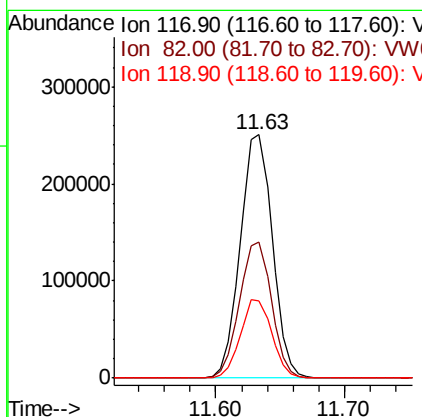
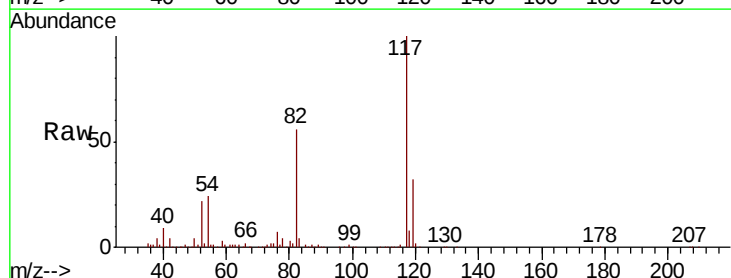
Instrument :
MSVOA_W
ClientSampleId :
VW0311SBL01

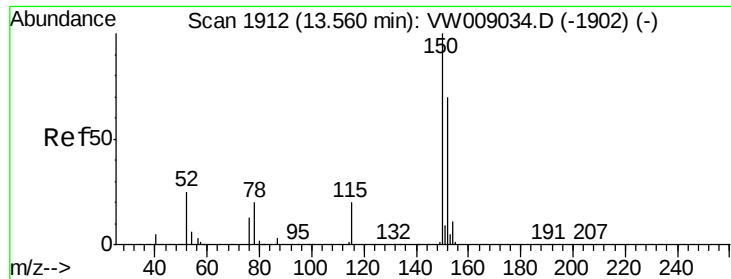
Tgt Ion: 95 Resp: 195797
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.0
176 81.0 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009078.D
Acq: 11 Mar 2019 11:20

Tgt Ion: 117 Resp: 433067
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.0 26.6 39.8

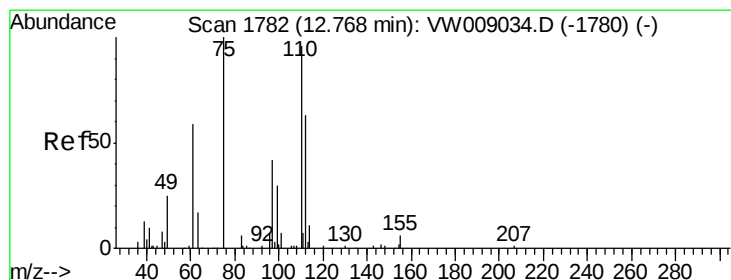
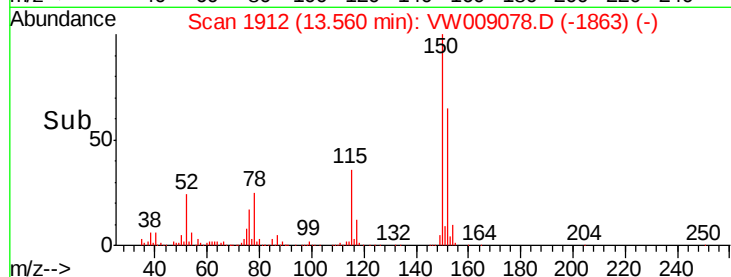
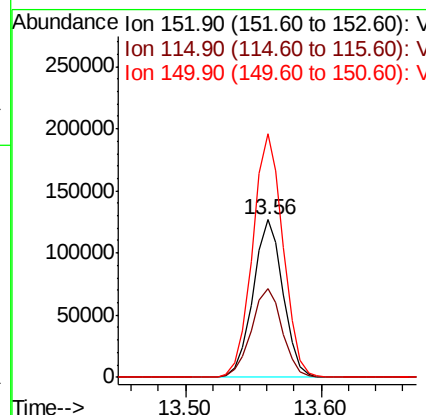
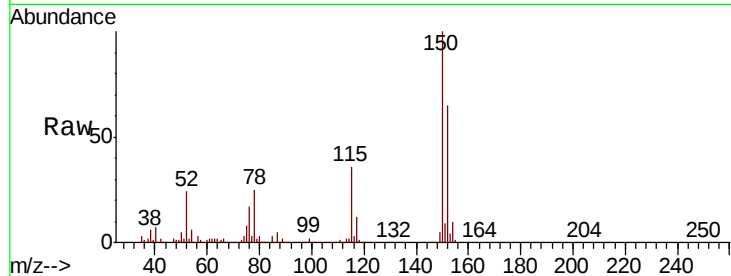




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

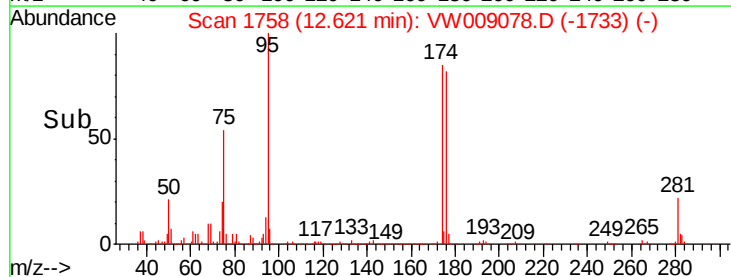
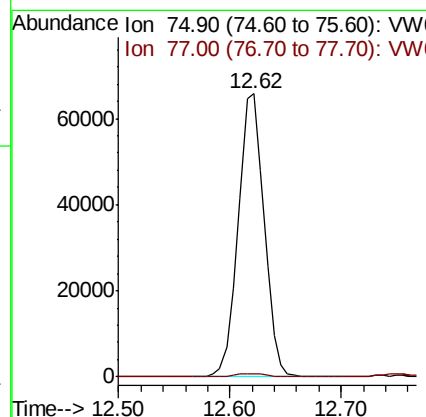
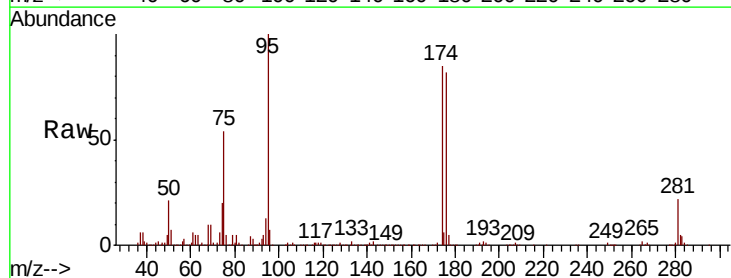
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBL01

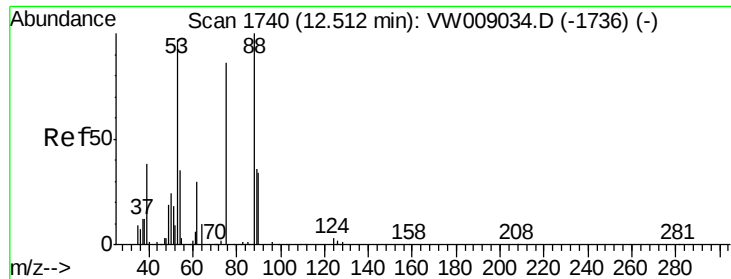
Tgt Ion: 152 Resp: 195496
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.9 86.7
 150 157.2 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 68.764 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW009078.D
 Acq: 11 Mar 2019 11:20

Tgt Ion: 75 Resp: 106211
 Ion Ratio Lower Upper
 75 100
 77 1.5 186.7 560.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 153.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009078.D

Acq: 11 Mar 2019 11:20

Instrument :

MSVOA_W

ClientSampleId :

VW0311SBL01

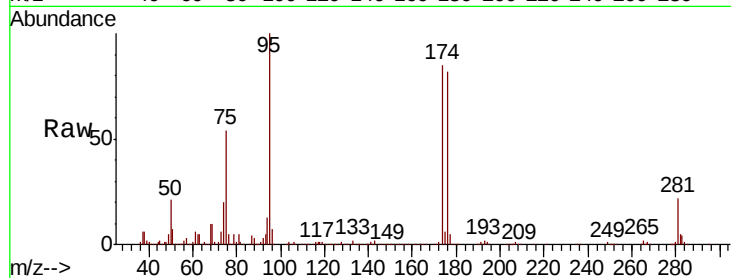
Tgt Ion: 75 Resp: 106211

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.4 37.5 56.3#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

