

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004808.D
 Acq On : 21 Aug 2018 00:19
 Operator : SY/AP
 Sample : VW0820SBL02
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

Quant Time: Aug 21 01:56:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	543600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	879473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	846059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	411383	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	296983	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
35) Dibromofluoromethane	7.89	113	291276	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.33	98	1077384	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.62	95	364804	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

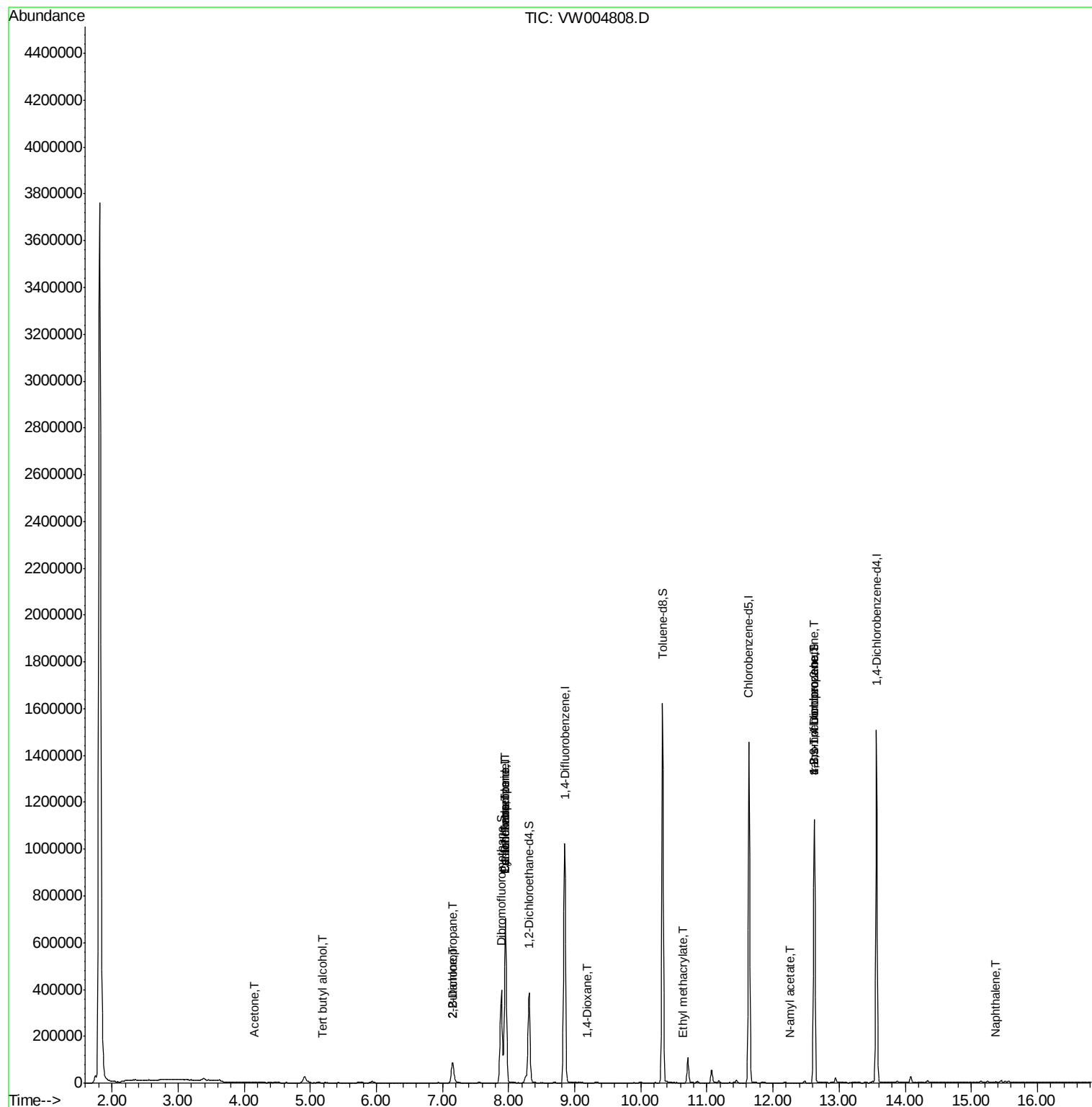
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	343	1.168	ug/l #	72
16) Acetone	4.15	43	7689	5.731	ug/l	89
20) Methylene Chloride	4.91	84	21081	Below Cal		93
25) 2-Butanone	7.15	43	4167	2.180	ug/l #	68
26) 2,2-Dichloropropane	7.15	77	6557	1.069	ug/l #	50
31) Cyclohexane	7.95	56	10529	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	39460	4.355	ug/l #	49
38) Carbon Tetrachloride	7.95	117	50574	6.064	ug/l #	17
49) 1,4-Dioxane	9.19	88	49	1.051	ug/l #	21
56) Ethyl methacrylate	10.65	69	54	2.989	ug/l #	55
74) N-amyl acetate	12.27	43	209	4.048	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	172519	47.573	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	172519	110.572	ug/l #	14
95) Naphthalene	15.38	128	2170	3.627	ug/l #	93

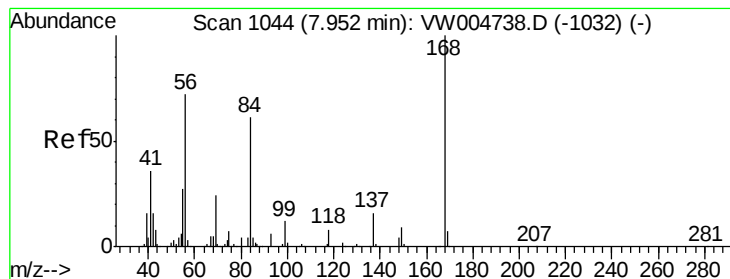
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
Data File : VW004808.D
Acq On : 21 Aug 2018 00:19
Operator : SY/AP
Sample : VW0820SBL02
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBL02

Quant Time: Aug 21 01:56:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

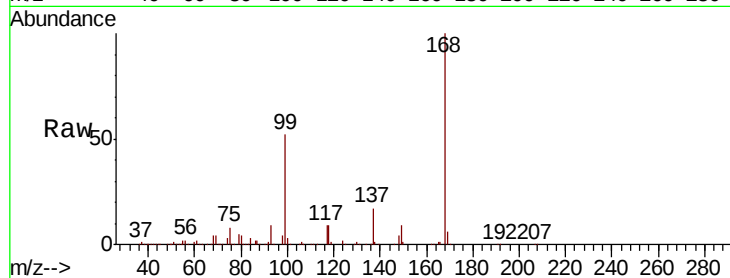
VW0820SBL02

Tgt Ion:168 Resp: 543600

Ion Ratio Lower Upper

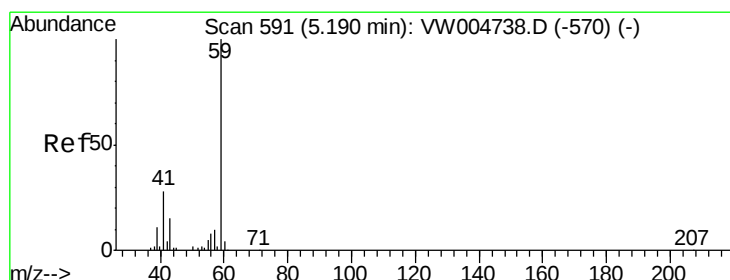
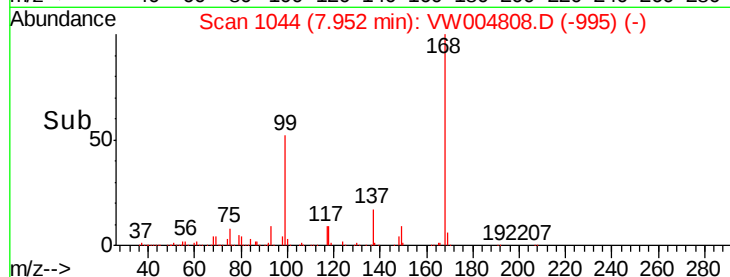
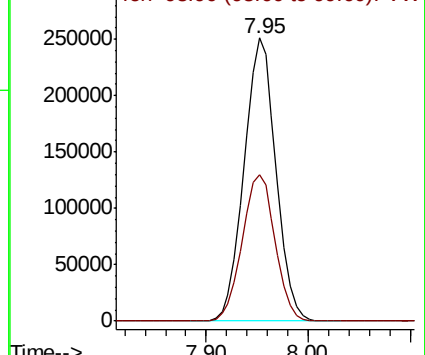
168 100

99 51.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.168 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW004808.D

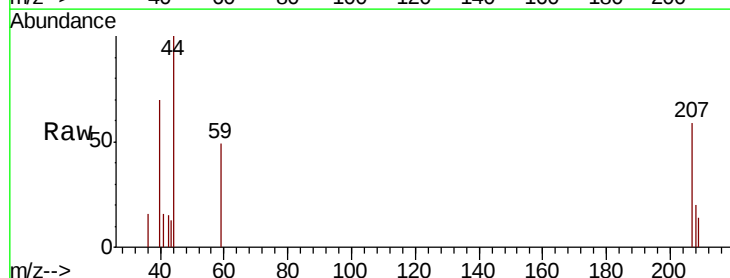
Acq: 21 Aug 2018 00:19

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

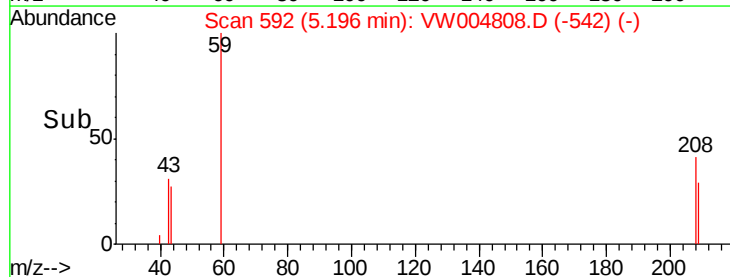
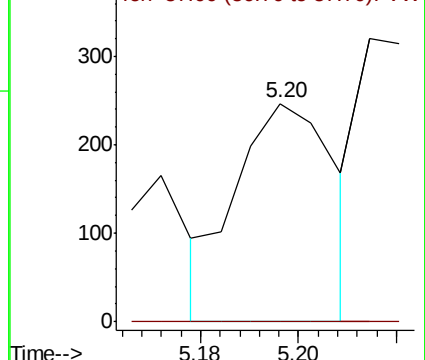
59 100

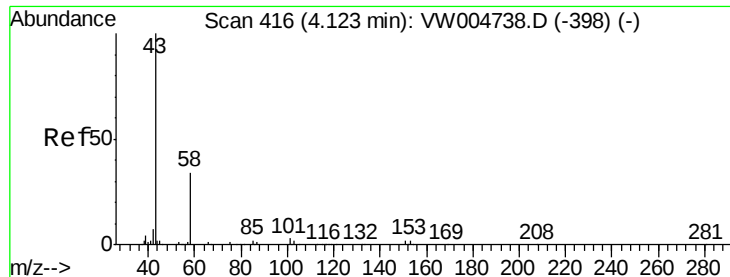
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.731 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.03 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

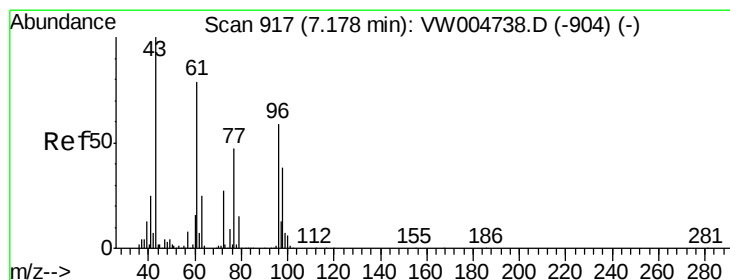
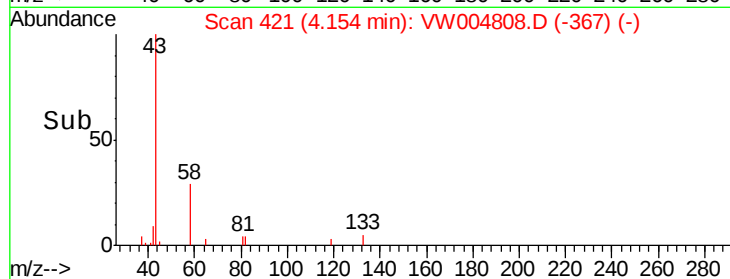
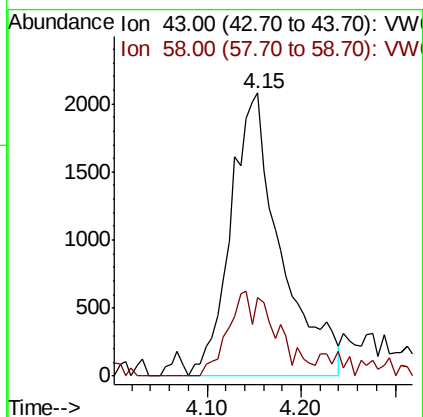
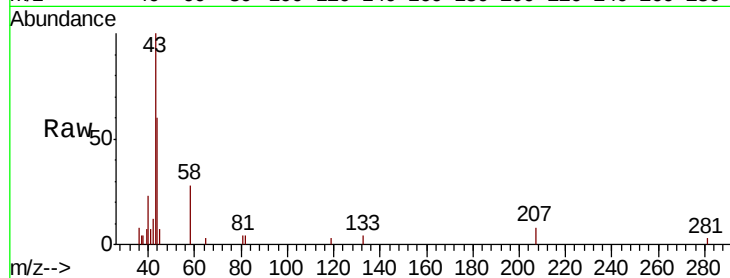
VW0820SBL02

Tgt Ion: 43 Resp: 7689

Ion Ratio Lower Upper

43 100

58 27.8 27.3 40.9



#25

2-Butanone

Concen: 2.180 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

Lab File: VW004808.D

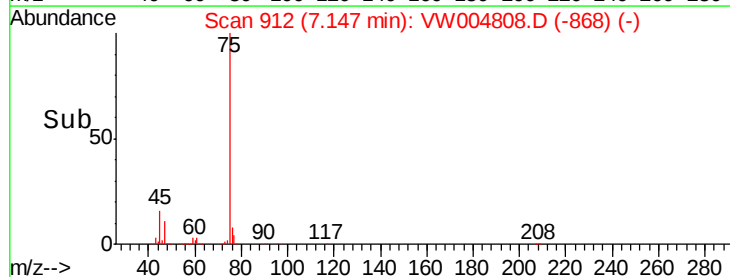
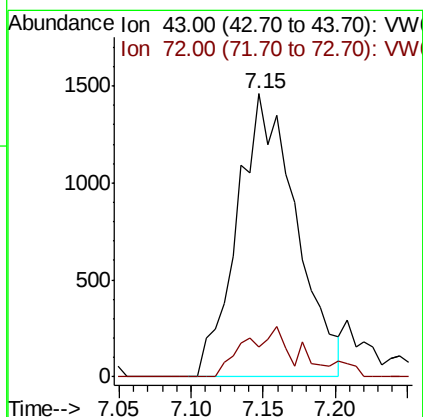
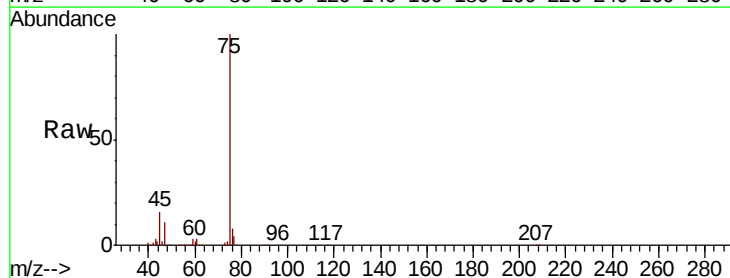
Acq: 21 Aug 2018 00:19

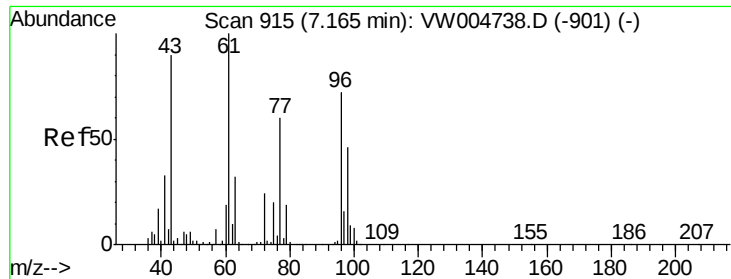
Tgt Ion: 43 Resp: 4167

Ion Ratio Lower Upper

43 100

72 10.7 22.0 33.0#





#26

2,2-Dichloropropane

Concen: 1.069 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

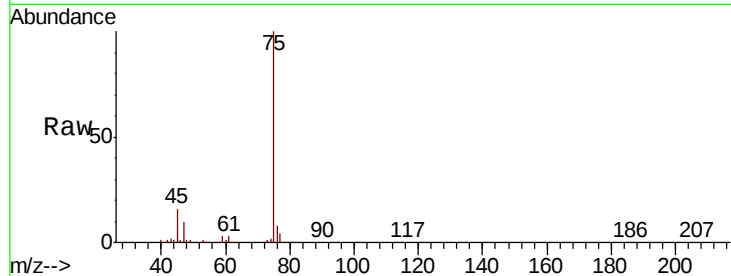
VW0820SBL02

Tgt Ion: 77 Resp: 6557

Ion Ratio Lower Upper

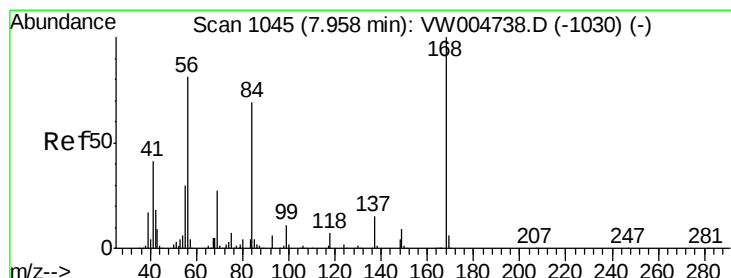
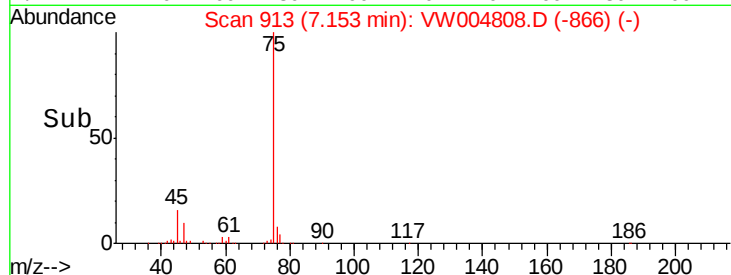
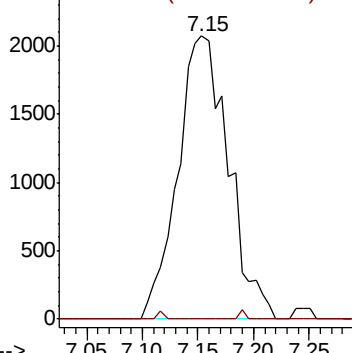
77 100

97 0.0 12.6 37.8#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

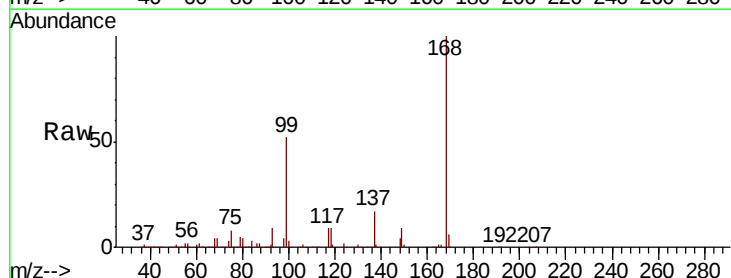
Tgt Ion: 56 Resp: 10529

Ion Ratio Lower Upper

56 100

69 203.0 27.1 40.7#

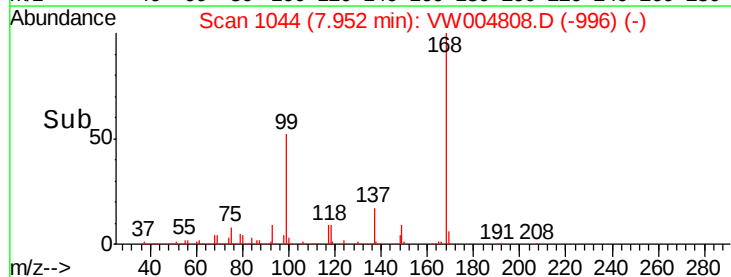
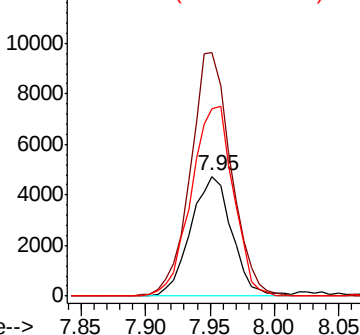
84 156.5 68.3 102.5#

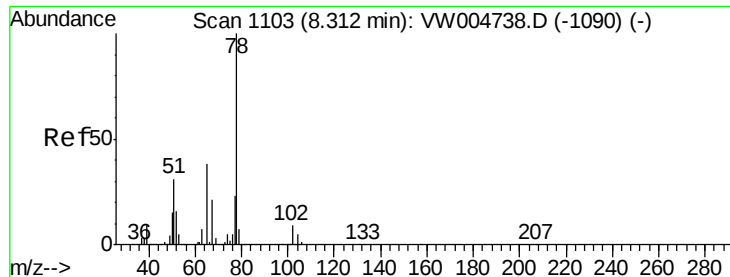


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

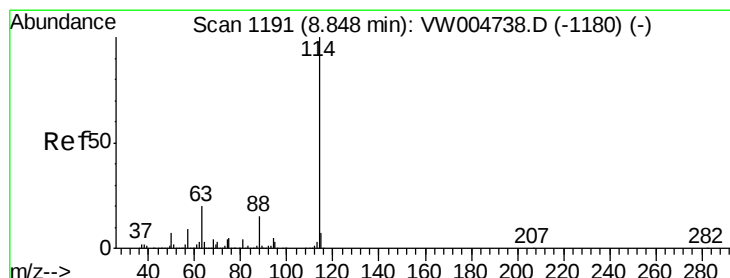
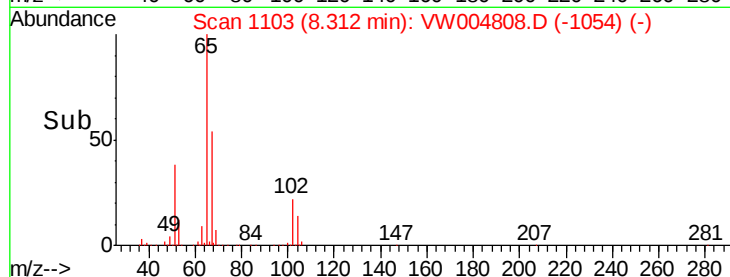
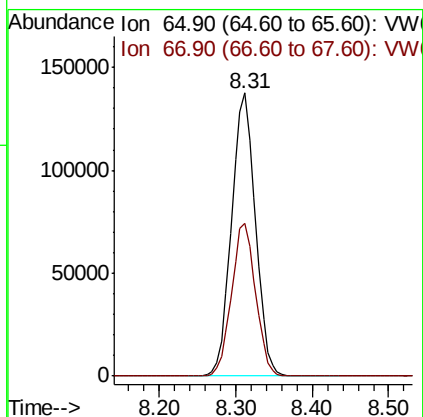
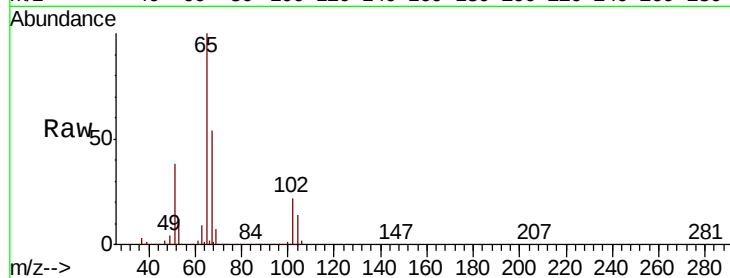




#33
 1,2-Dichloroethane-d4
 Concen: 56.509 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

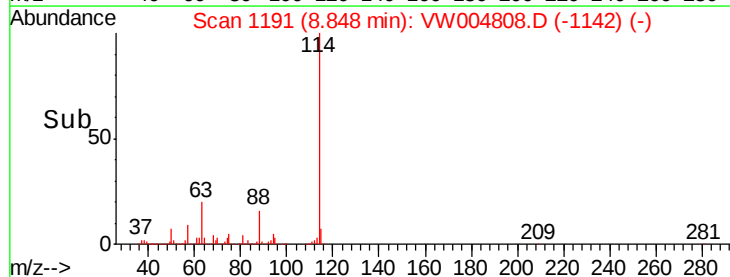
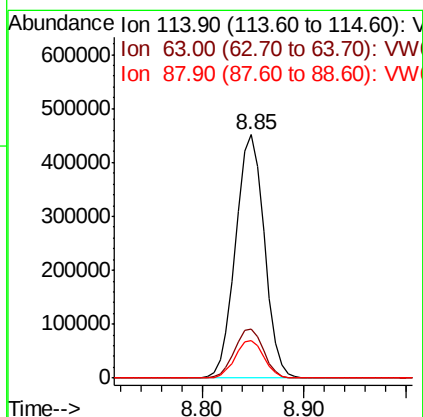
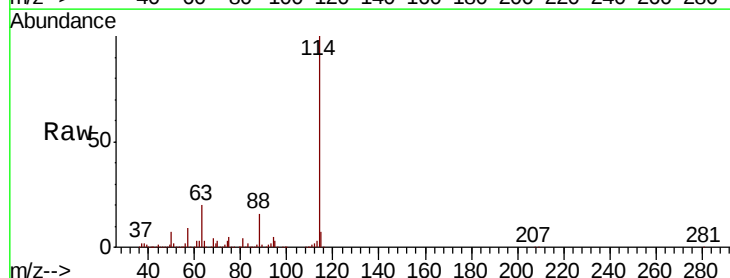
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

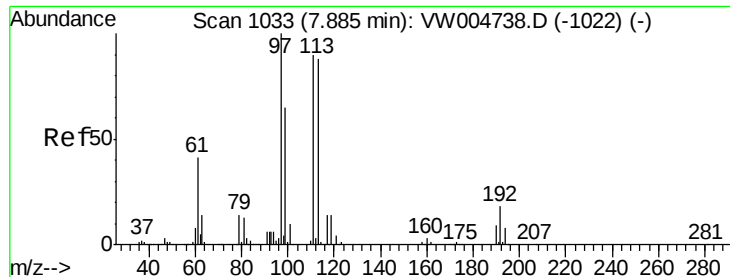
Tgt Ion: 65 Resp: 296983
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

Tgt Ion: 114 Resp: 879473
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.6 0.0 30.0

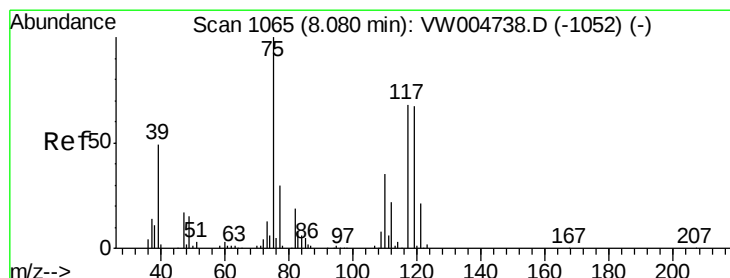
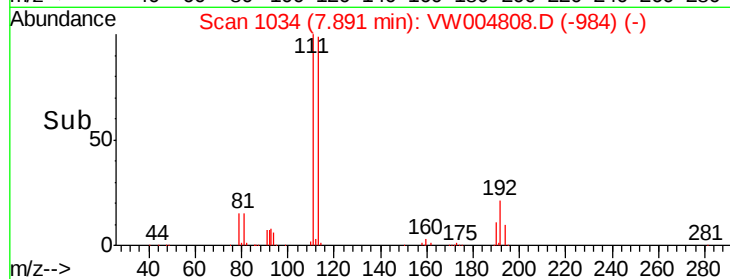
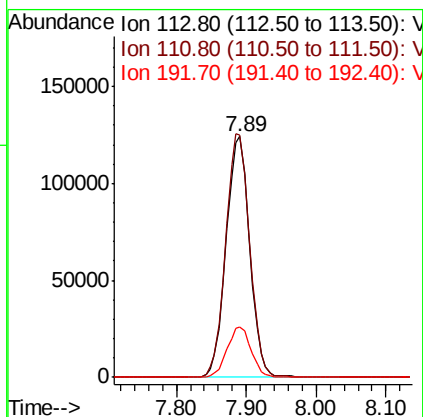
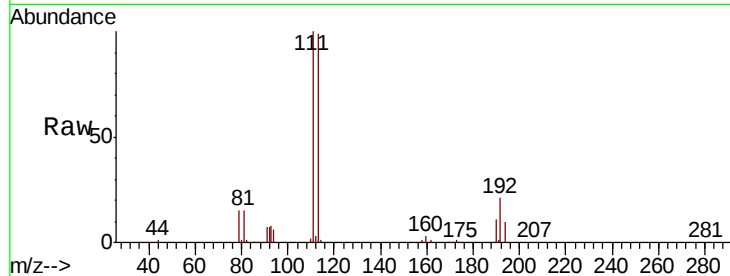




#35
 Dibromofluoromethane
 Concen: 51.819 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

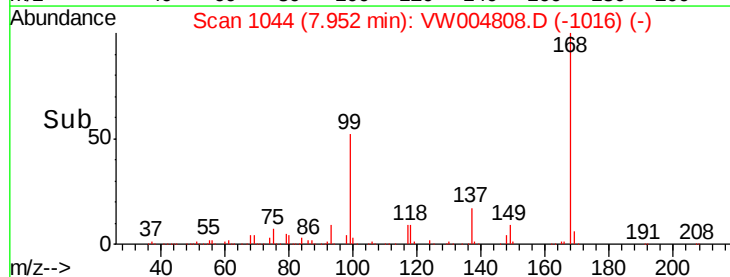
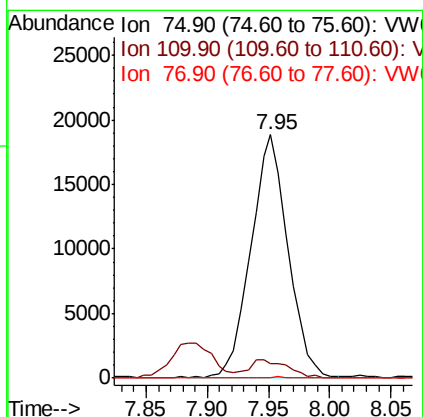
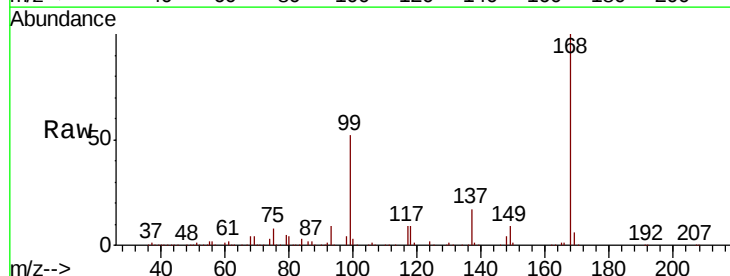
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

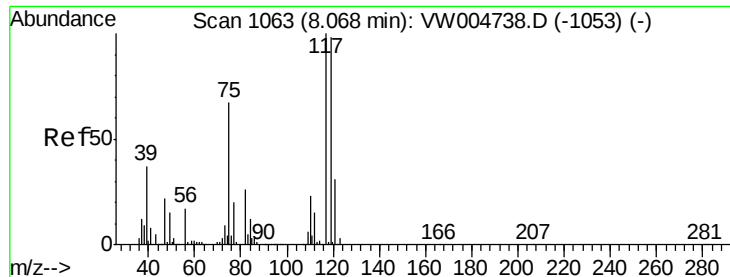
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	21.0	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.8	53.5#
77	0.3	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.064 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBL02

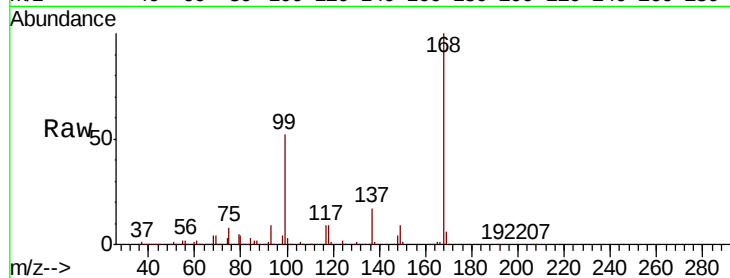
Tgt Ion:117 Resp: 50574

Ion Ratio Lower Upper

117 100

119 7.8 78.0 117.0#

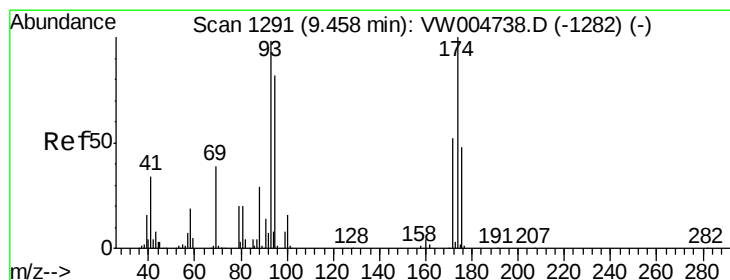
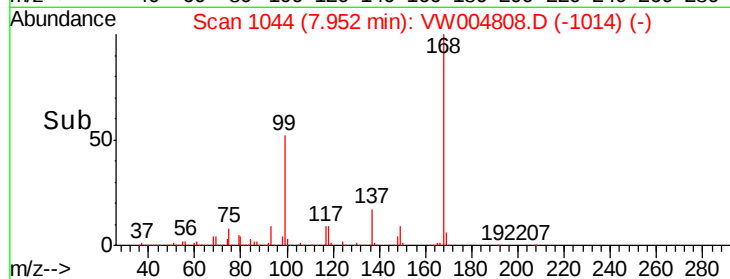
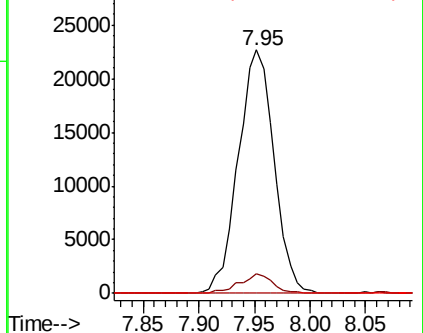
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.051 ug/l

RT: 9.19 min Scan# 1247

Delta R.T. -0.27 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

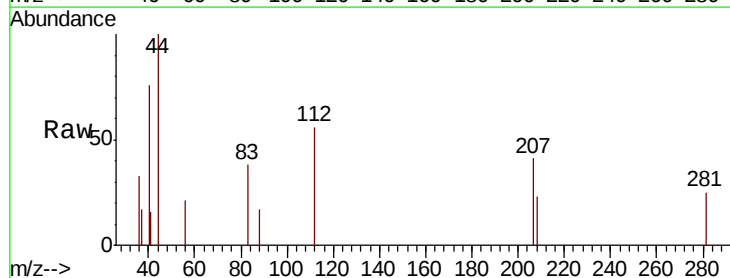
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

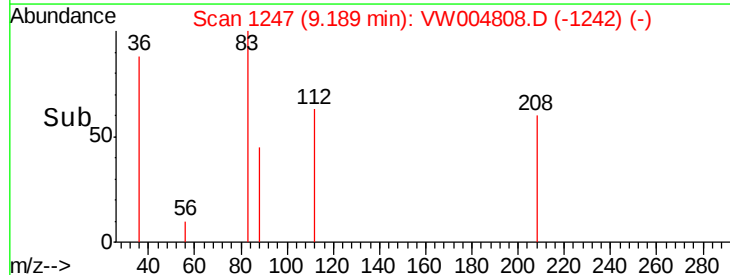
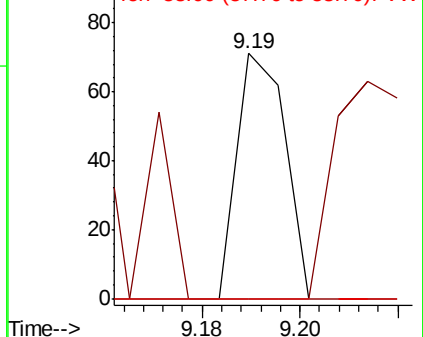
58 0.0 60.0 90.0#

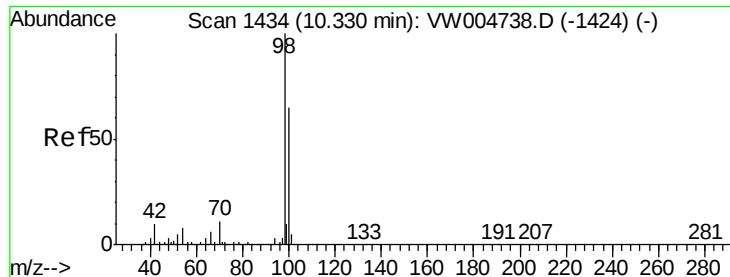


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.101 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

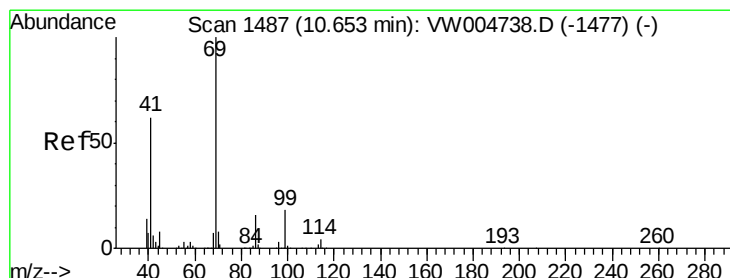
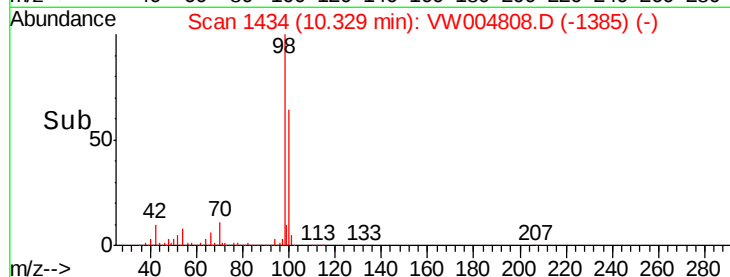
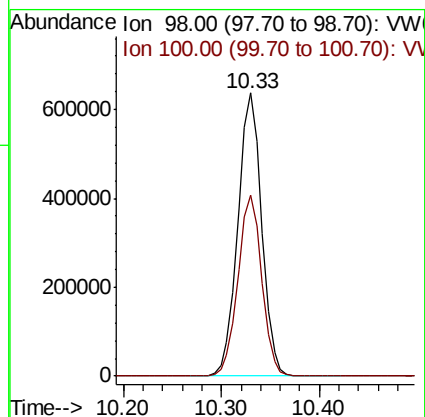
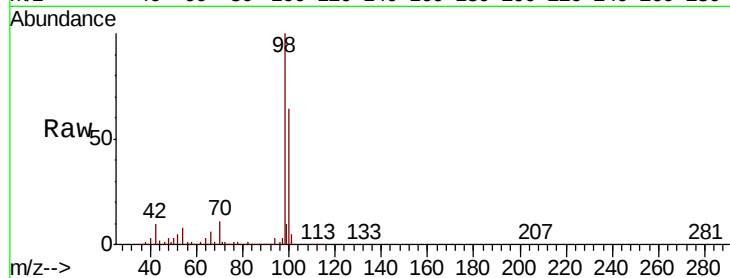
VW0820SBL02

Tgt Ion: 98 Resp: 1077384

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.989 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW004808.D

Acq: 21 Aug 2018 00:19

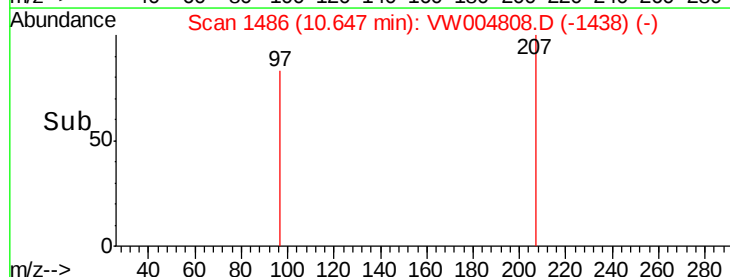
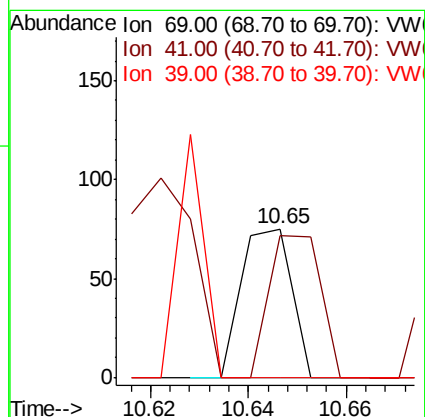
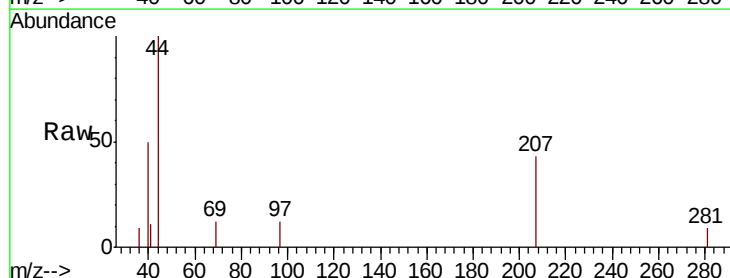
Tgt Ion: 69 Resp: 54

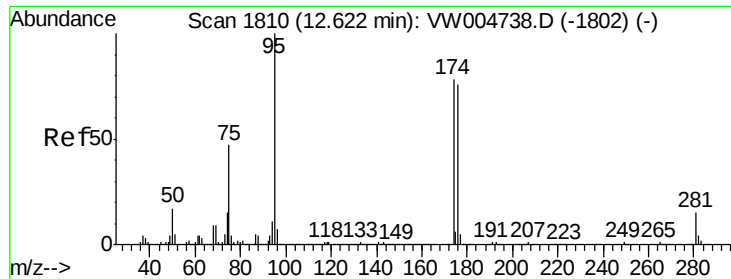
Ion Ratio Lower Upper

69 100

41 96.3 50.7 76.1#

39 0.0 21.4 32.2#

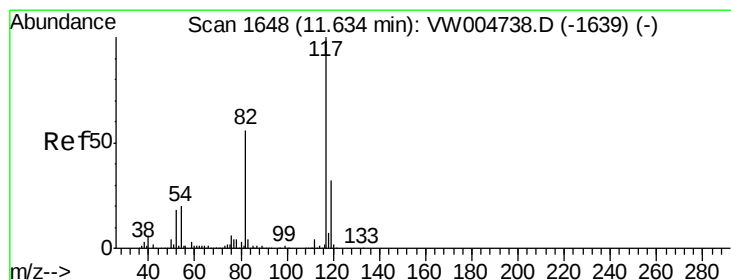
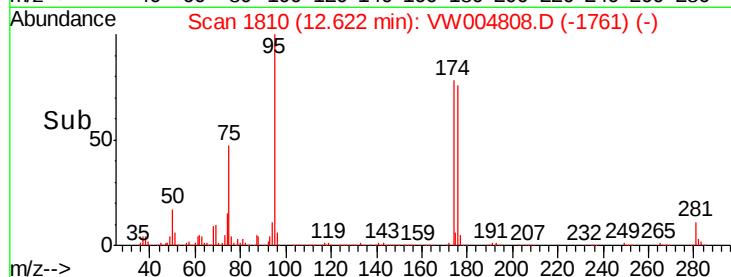
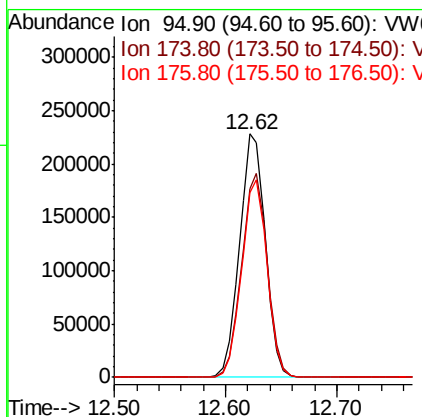
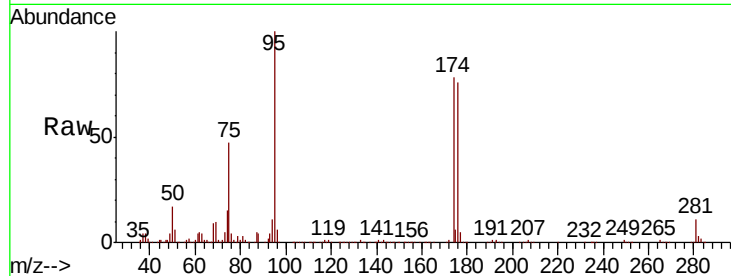




#62
4-Bromofluorobenzene
Concen: 46.213 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004808.D
Acq: 21 Aug 2018 00:19

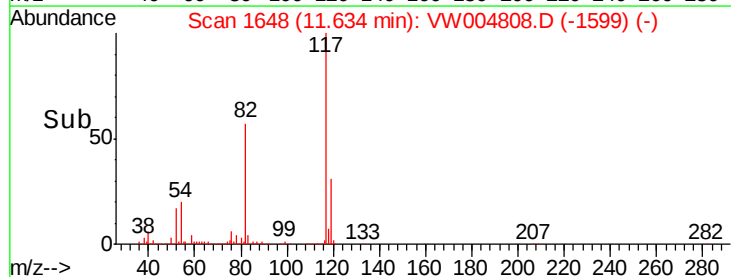
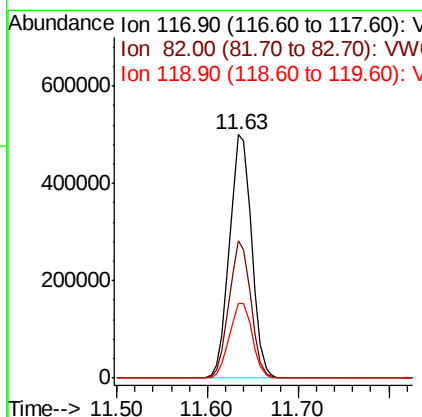
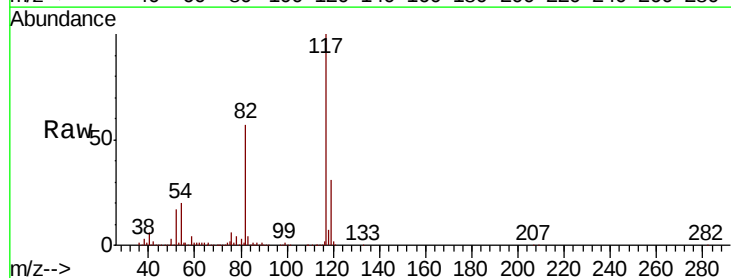
Instrument :
MSVOA_W
ClientSampleId :
VW0820SBL02

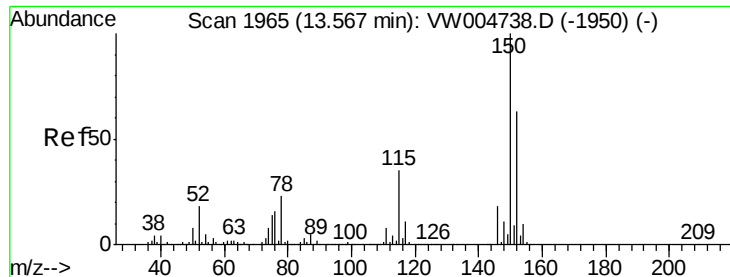
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	165.8
176	80.4	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004808.D
Acq: 21 Aug 2018 00:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	67.0
119	30.7	25.6	38.4

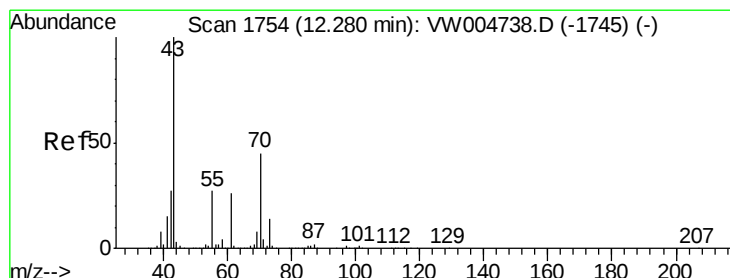
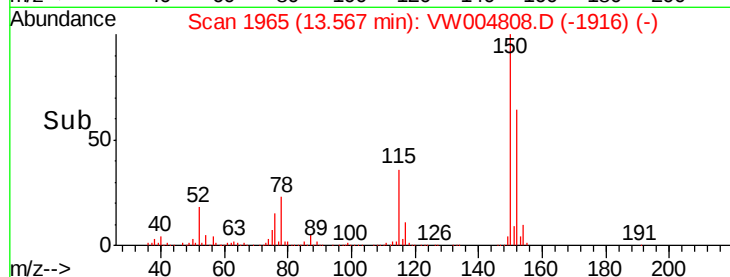
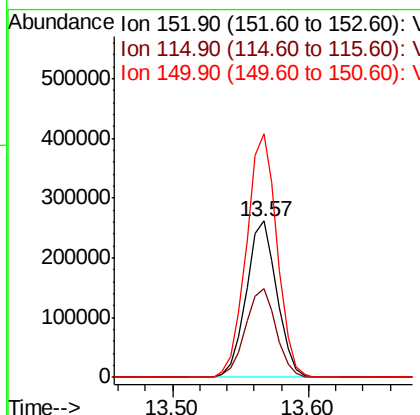
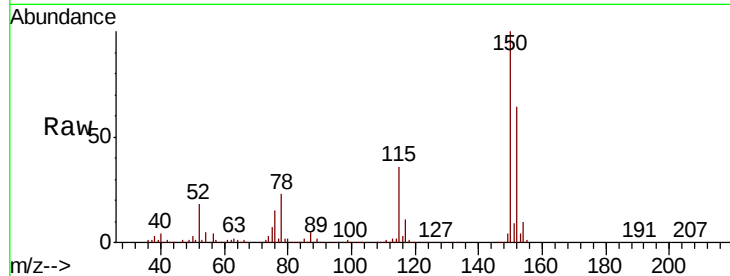




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

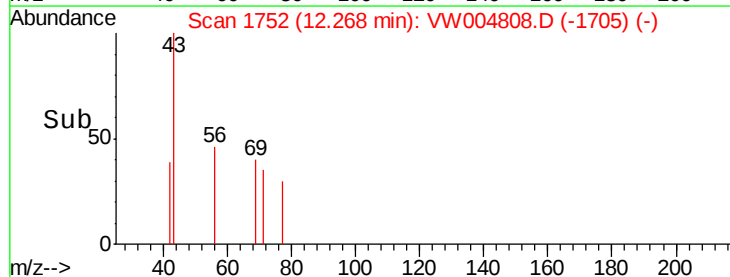
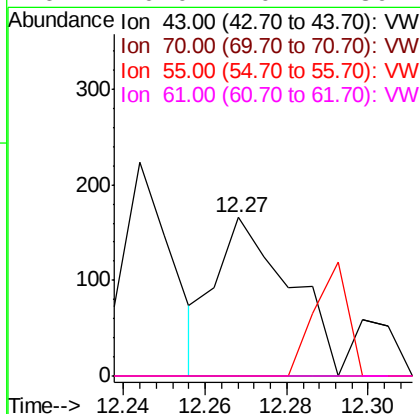
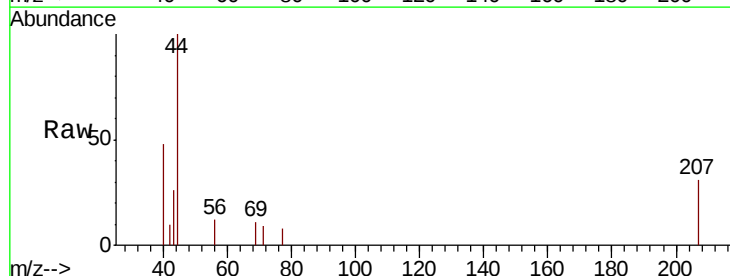
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

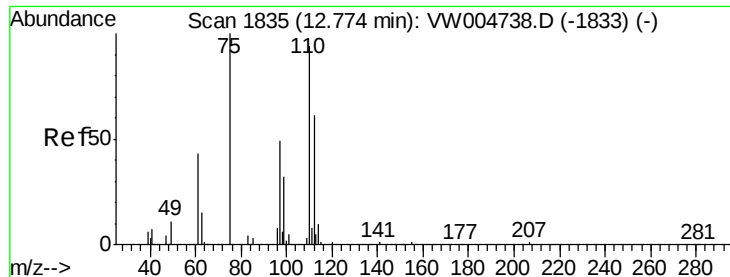
Tgt Ion:152 Resp: 411383
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.5 85.5
 150 156.6 0.0 344.8



#74
 N-ethyl acetate
 Concen: 4.048 ug/l
 RT: 12.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

Tgt Ion: 43 Resp: 209
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.3 54.5#
 55 0.0 22.6 33.8#
 61 0.0 20.2 30.4#

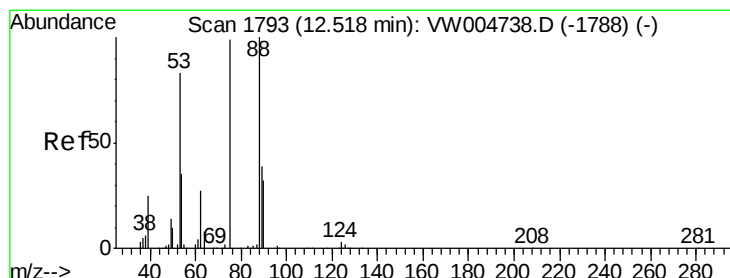
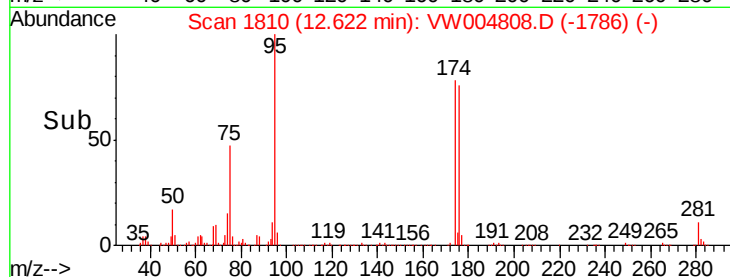
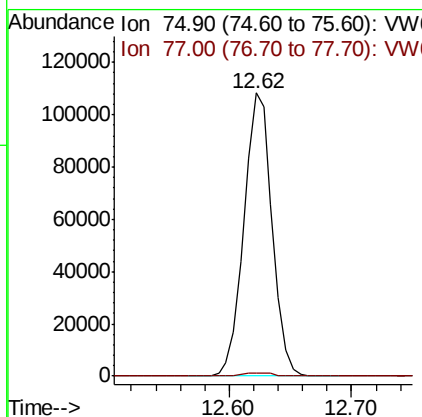
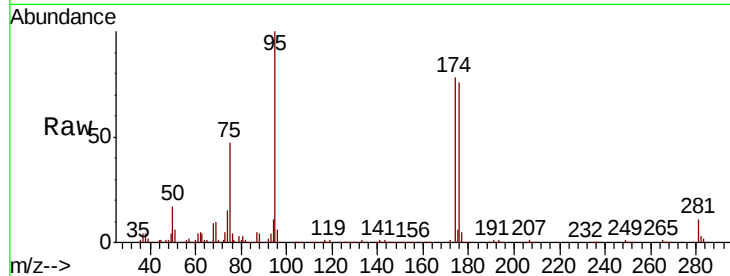




#76
 1,2,3-Trichloropropane
 Concen: 47.573 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

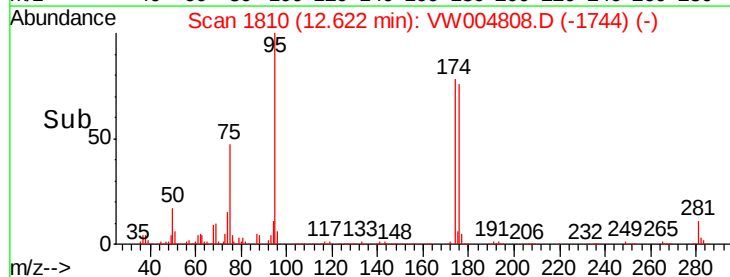
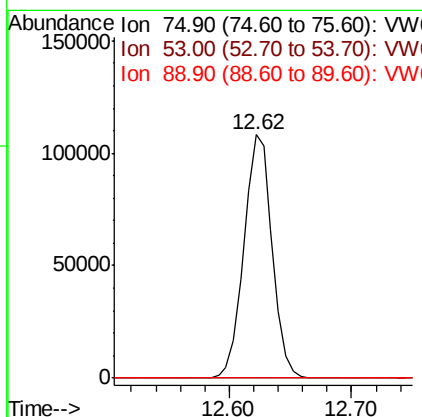
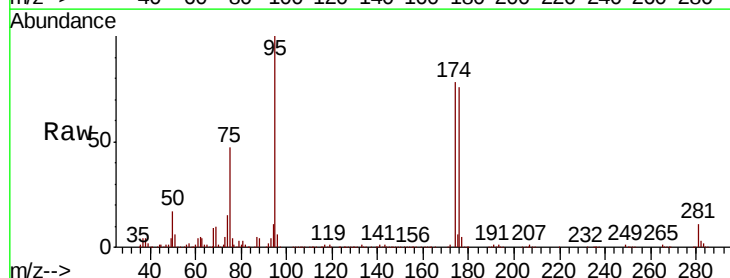
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

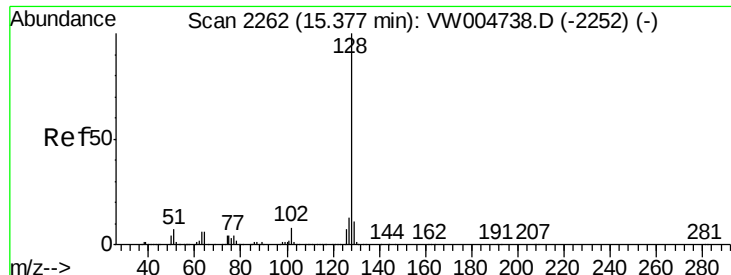
Tgt Ion: 75 Resp: 172519
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.572 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004808.D
 Acq: 21 Aug 2018 00:19

Tgt Ion: 75 Resp: 172519
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.2 108.4#
 89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 3.627 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004808.D

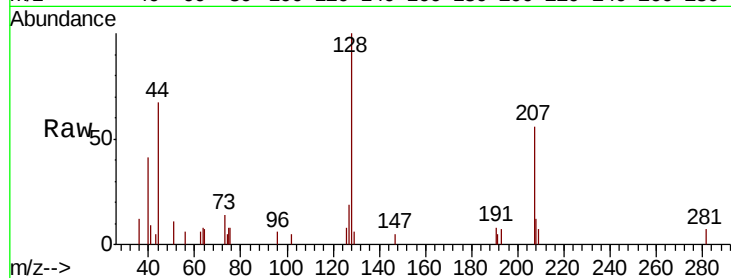
Acq: 21 Aug 2018 00:19

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBL02



Tgt Ion:128 Resp: 2170

Ion Ratio Lower Upper

128 100

127 11.1 10.4 15.6

129 6.9 8.6 13.0

