

Data File : VW005102.D
Acq On : 05 Sep 2018 02:35
Operator : SY/AP
Sample : VW0904SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

Quant Time: Sep 05 05:16:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	396591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	613826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	634155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	328140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	191218	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	7.89	113	187884	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.33	98	797799	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.63	95	274973	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

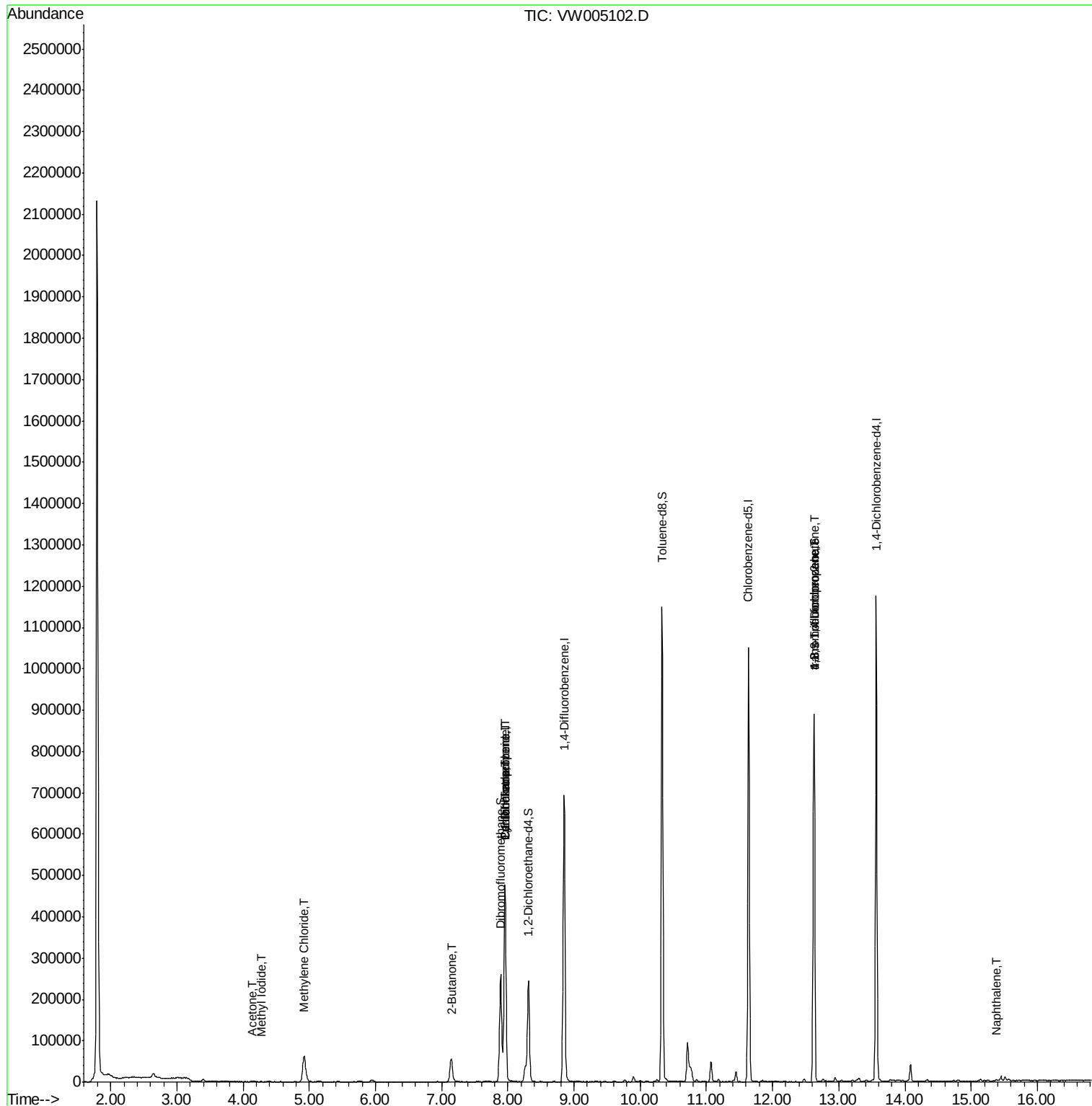
						Qvalue
5) Bromomethane	2.78	94	427	Below Cal	#	67
10) Methyl Iodide	4.29	142	696	3.942	ug/l #	82
11) Tert butyl alcohol	5.13	59	1391	Below Cal	#	72
16) Acetone	4.13	43	3488	5.290	ug/l	92
20) Methylene Chloride	4.93	84	52283	8.508	ug/l	95
25) 2-Butanone	7.15	43	3069	2.684	ug/l #	84
31) Cyclohexane	7.95	56	6843	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	25738	4.403	ug/l #	47
38) Carbon Tetrachloride	7.96	117	34965	6.290	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	127918	51.934	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	127918	124.999	ug/l #	15
95) Naphthalene	15.38	128	2409	4.167	ug/l	97

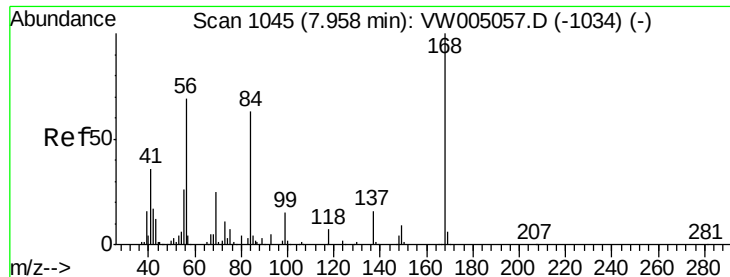
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005102.D
Acq On : 05 Sep 2018 02:35
Operator : SY/AP
Sample : VW0904SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

Quant Time: Sep 05 05:16:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005102.D

Acq: 05 Sep 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

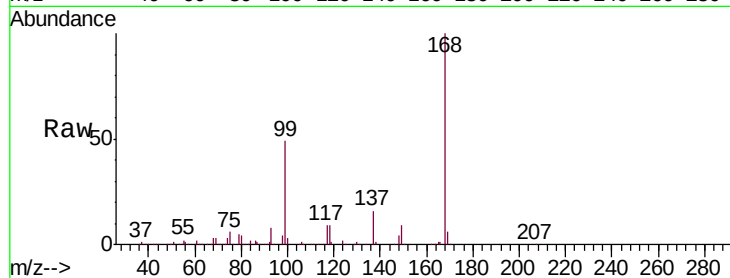
VW0904SBL02

Tgt Ion:168 Resp: 396591

Ion Ratio Lower Upper

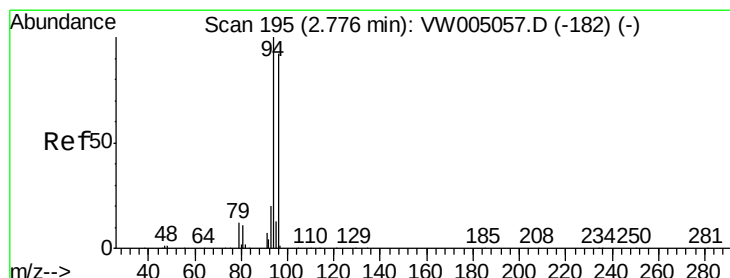
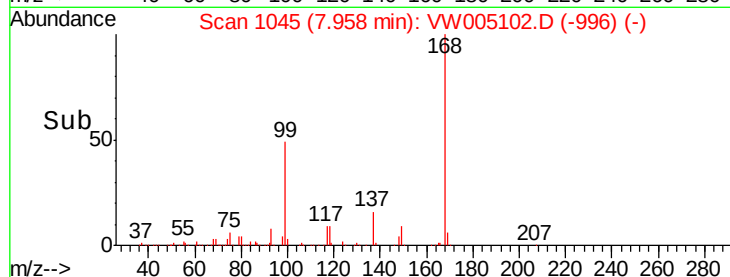
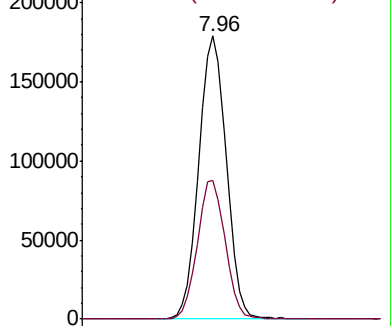
168 100

99 48.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005102.D

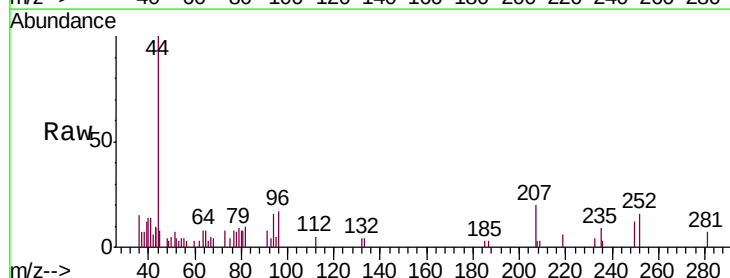
Acq: 05 Sep 2018 02:35

Tgt Ion: 94 Resp: 427

Ion Ratio Lower Upper

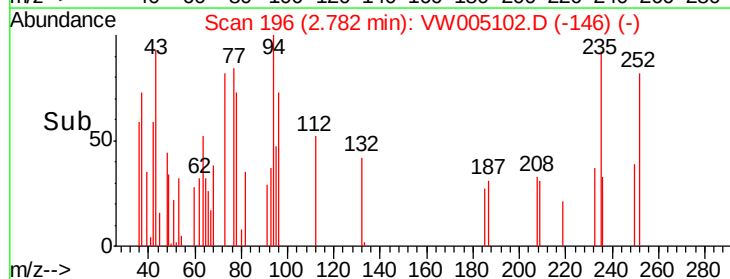
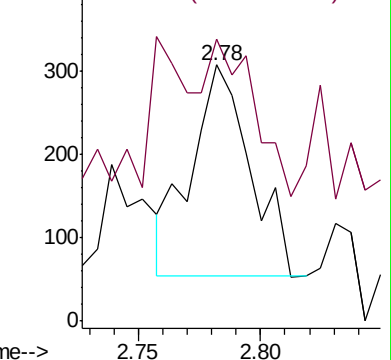
94 100

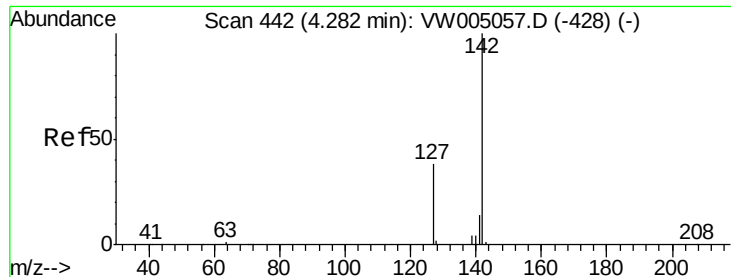
96 60.2 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

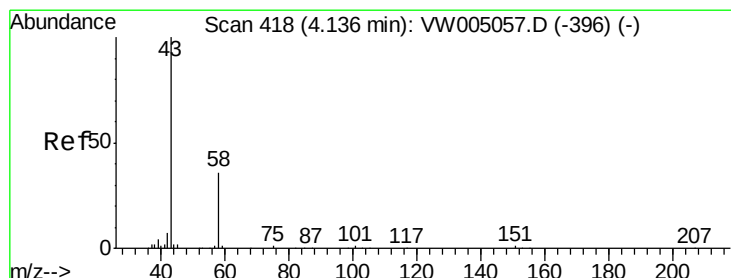
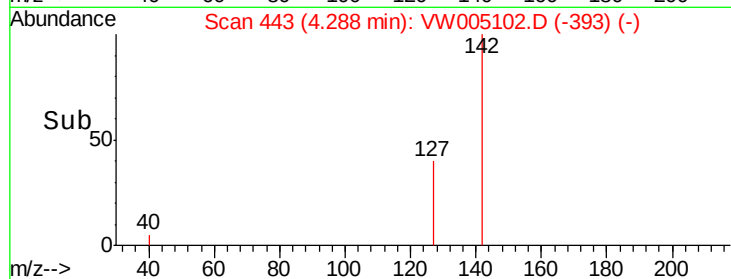
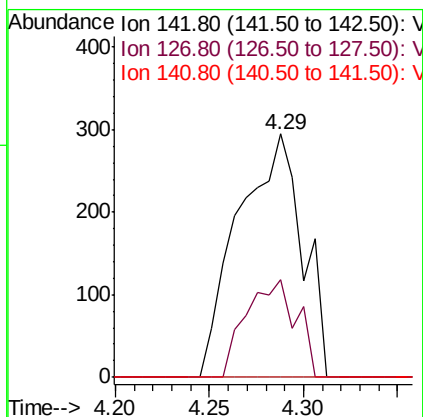
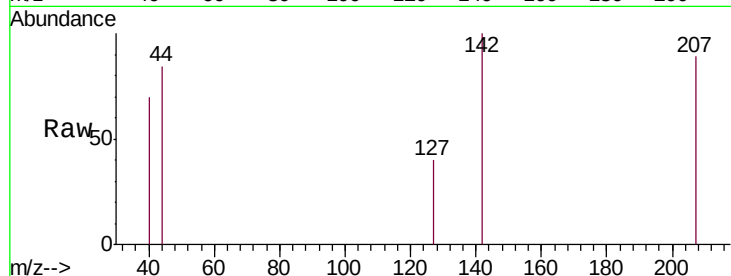




#10
Methyl Iodide
Concen: 3.942 ug/l
RT: 4.29 min Scan# 443
Delta R.T. 0.01 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

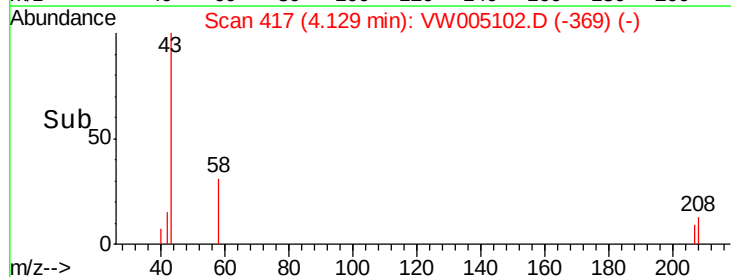
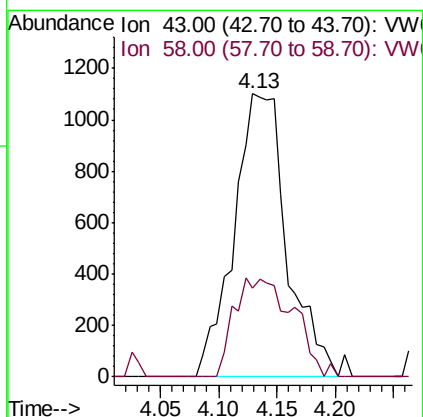
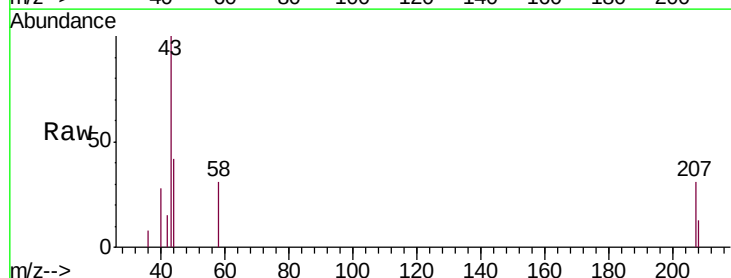
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

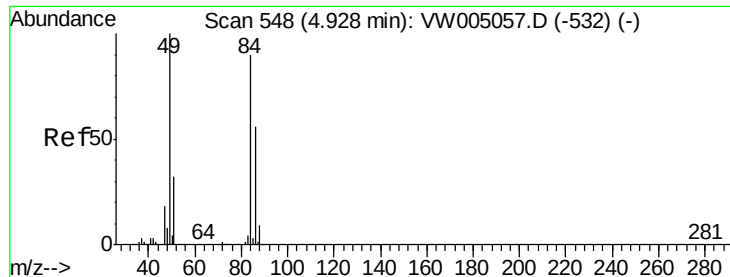
Tgt Ion:142 Resp: 696
Ion Ratio Lower Upper
142 100
127 31.5 30.8 46.2
141 0.0 11.6 17.4#



#16
Acetone
Concen: 5.290 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Tgt Ion: 43 Resp: 3488
Ion Ratio Lower Upper
43 100
58 31.3 29.0 43.6

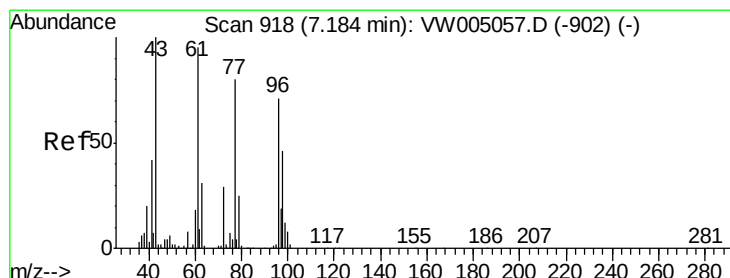
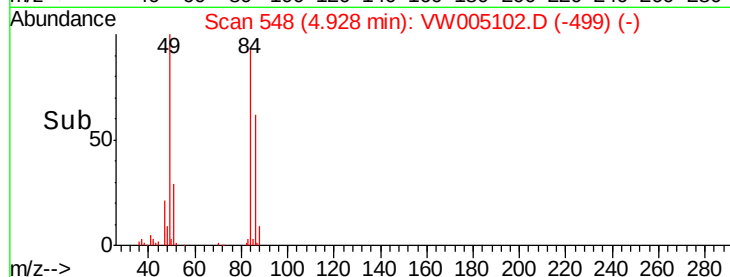
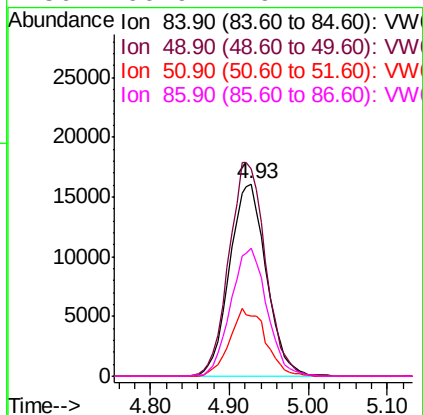
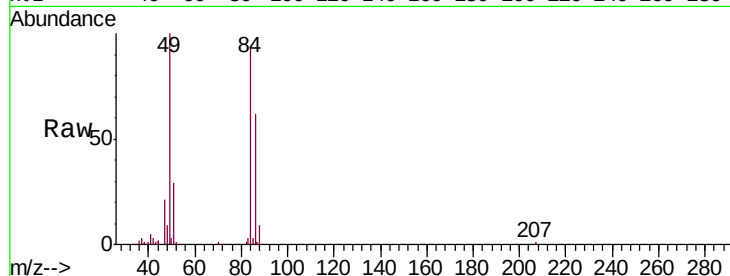




#20
Methylene Chloride
Concen: 8.508 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

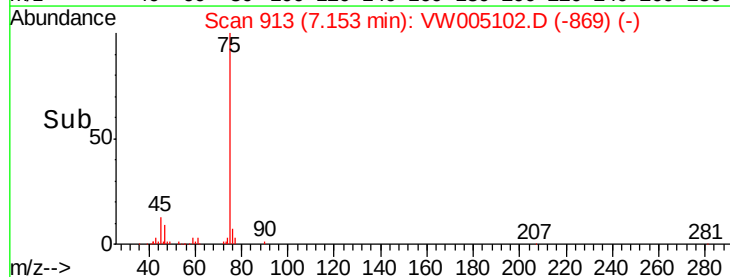
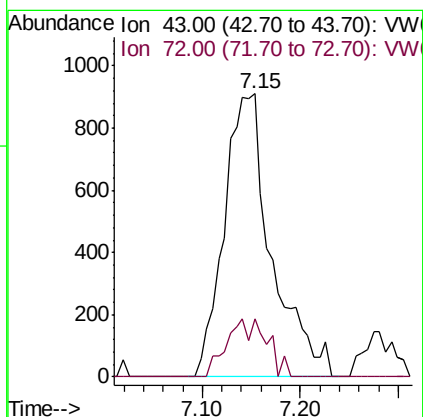
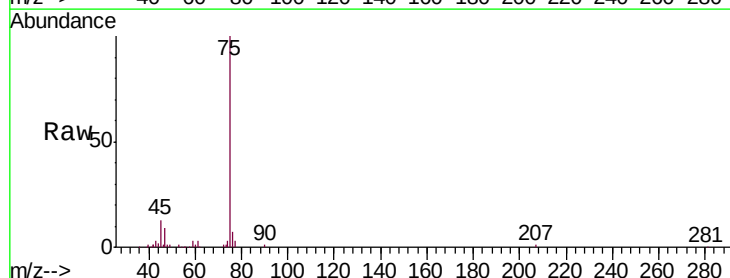
Instrument :
MSVOA_W
ClientSampled :
VW0904SBL02

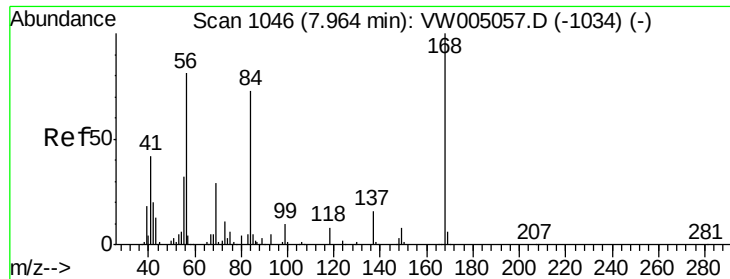
Tgt Ion:	84	Resp:	52283
Ion	Ratio	Lower	Upper
84	100		
49	107.7	88.7	133.1
51	31.4	28.6	42.8
86	66.9	49.4	74.2



#25
2-Butanone
Concen: 2.684 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Tgt Ion:	43	Resp:	3069
Ion	Ratio	Lower	Upper
43	100		
72	20.4	23.1	34.7#

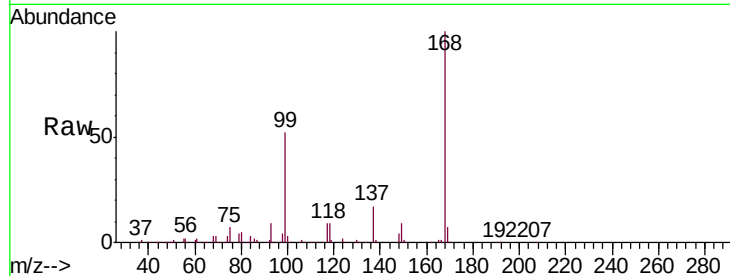




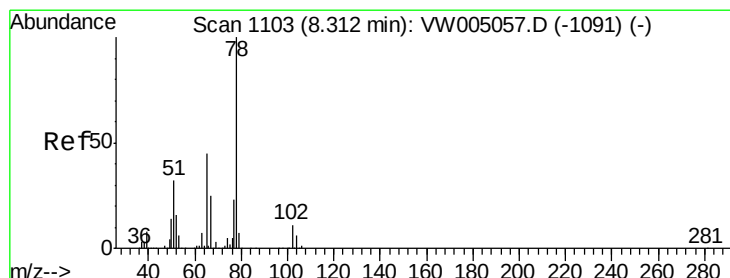
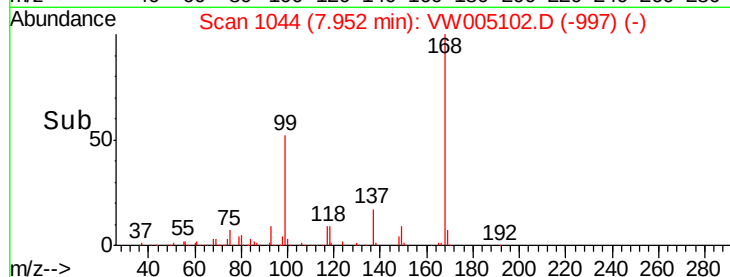
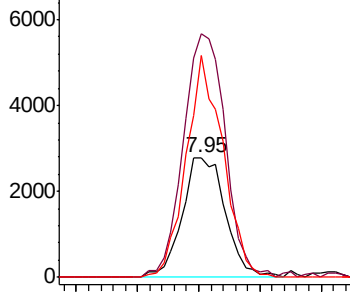
#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

Tgt Ion: 56 Resp: 6843
Ion Ratio Lower Upper
56 100
69 202.8 28.2 42.2#
84 184.8 71.8 107.8#

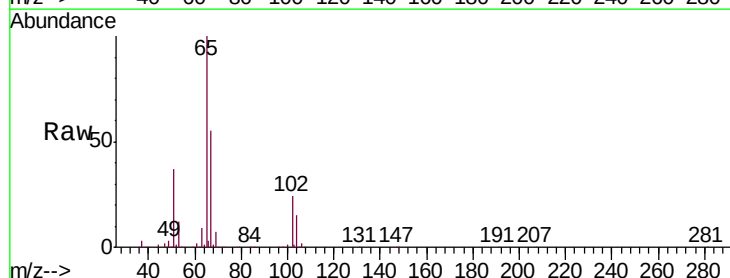


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

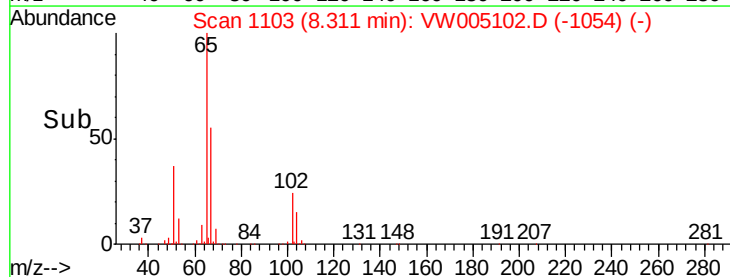
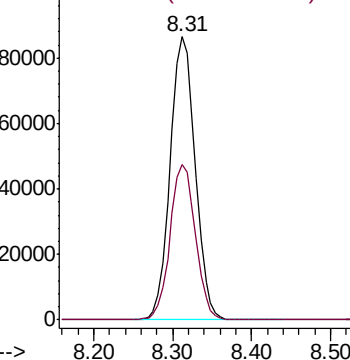


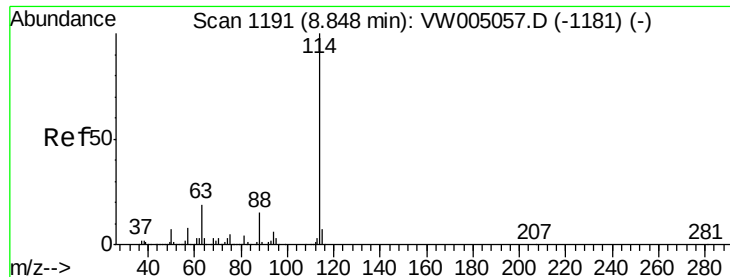
#33
1,2-Dichloroethane-d4
Concen: 58.164 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Tgt Ion: 65 Resp: 191218
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.4



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

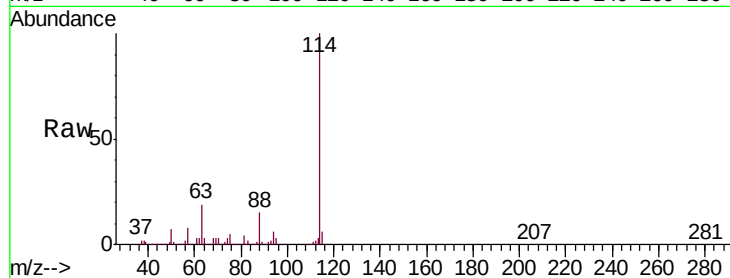




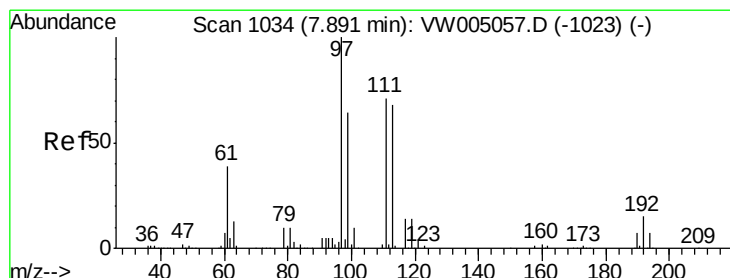
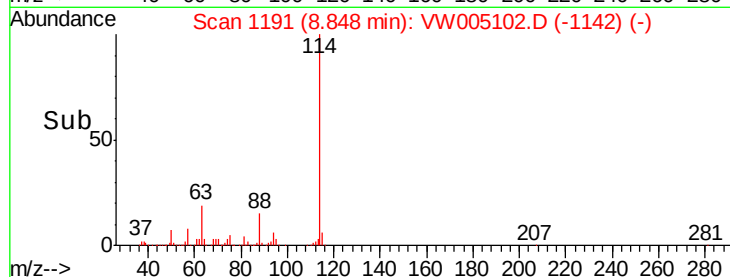
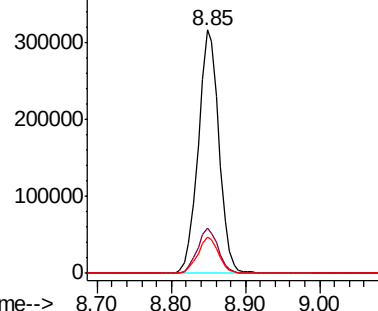
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005102.D
 Acq: 05 Sep 2018 02:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBL02

Tgt Ion:114 Resp: 613826
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.8 0.0 30.2

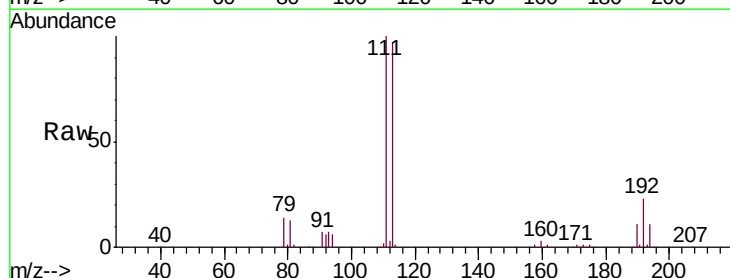


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

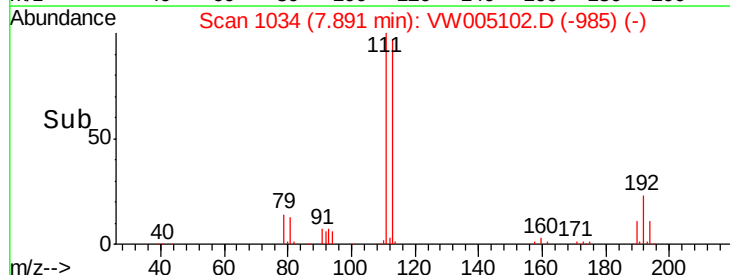
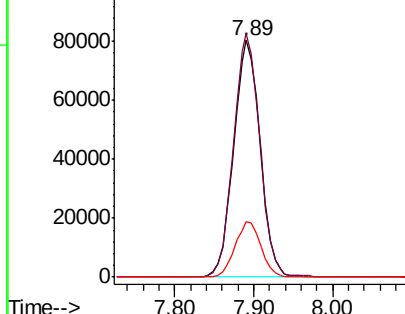


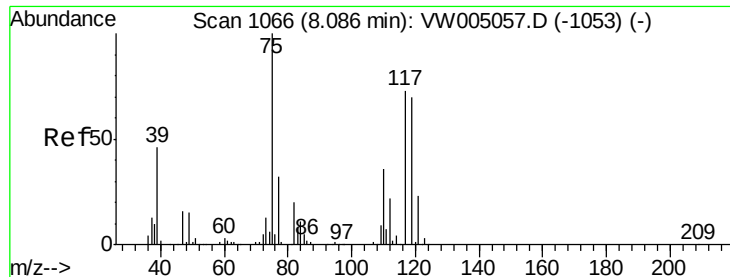
#35
 Dibromofluoromethane
 Concen: 52.967 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005102.D
 Acq: 05 Sep 2018 02:35

Tgt Ion:113 Resp: 187884
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 22.9 18.1 27.1



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: 4.403 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005102.D

Acq: 05 Sep 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBL02

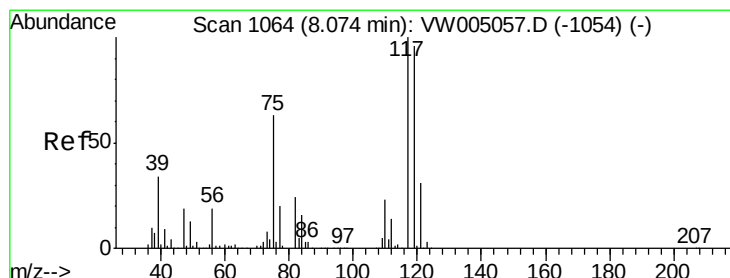
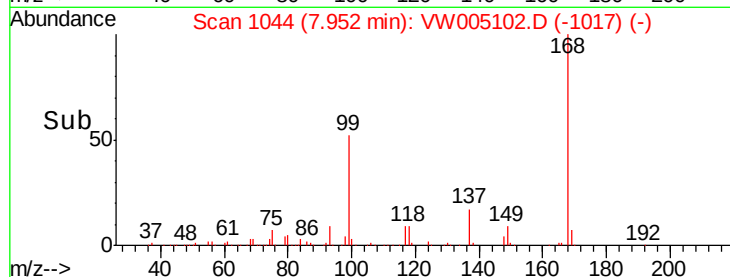
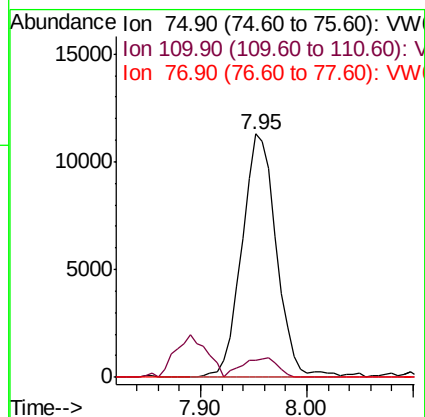
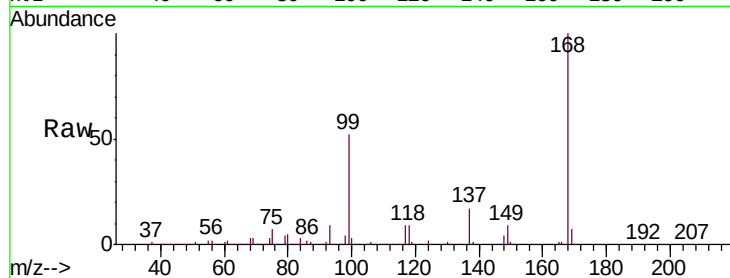
Tgt Ion: 75 Resp: 25738

Ion Ratio Lower Upper

75 100

110 8.3 18.9 56.7#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005102.D

Acq: 05 Sep 2018 02:35

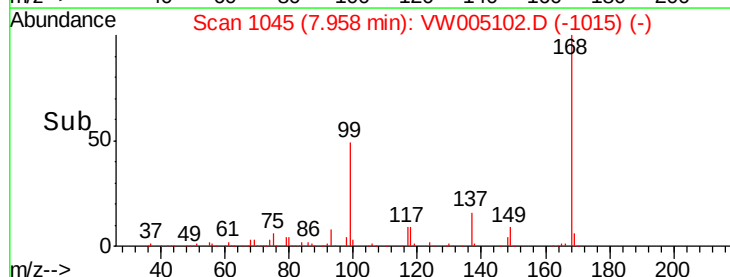
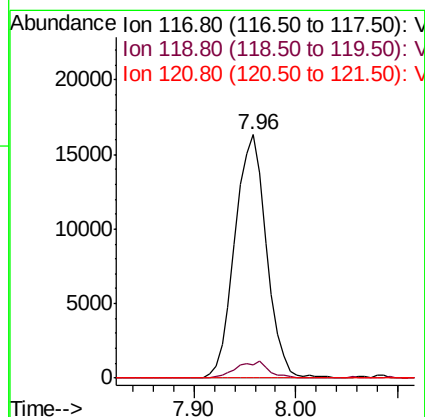
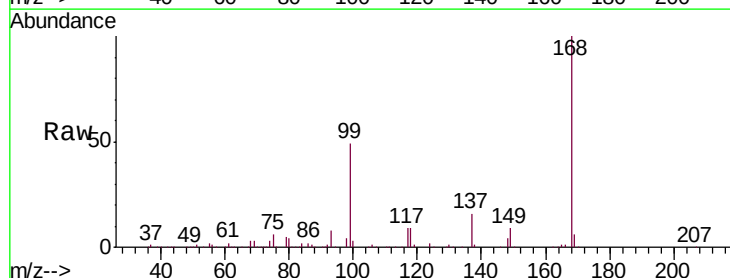
Tgt Ion: 117 Resp: 34965

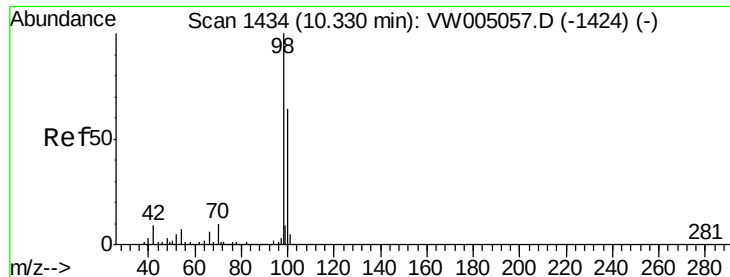
Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.810 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005102.D

Acq: 05 Sep 2018 02:35

Instrument :

MSVOA_W

ClientSampleId :

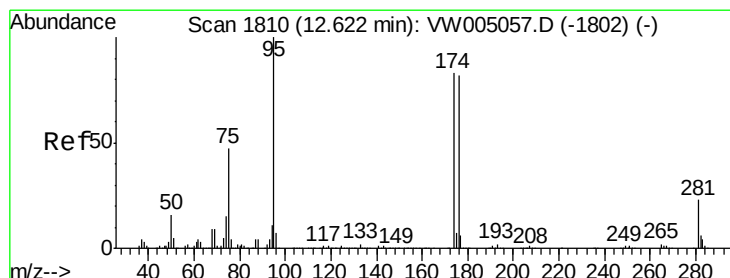
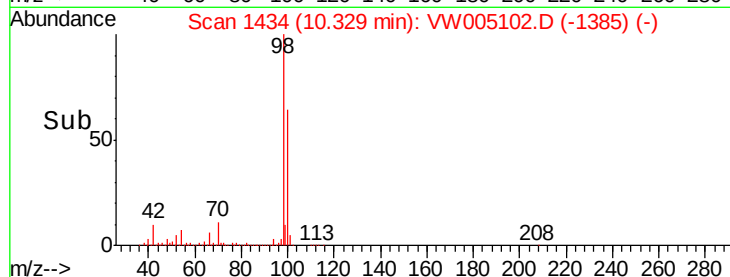
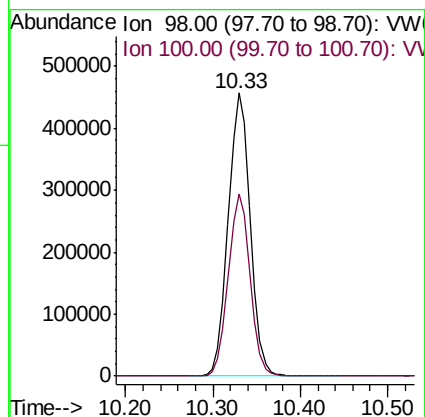
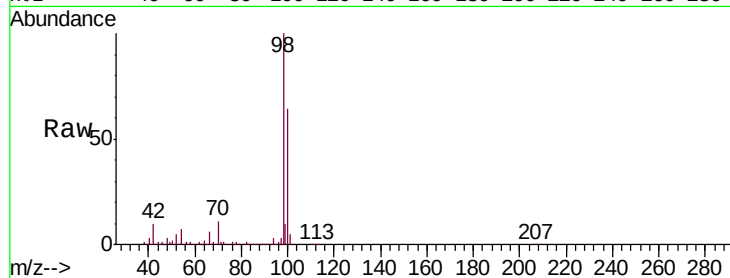
VW0904SBL02

Tgt Ion: 98 Resp: 797799

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.711 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005102.D

Acq: 05 Sep 2018 02:35

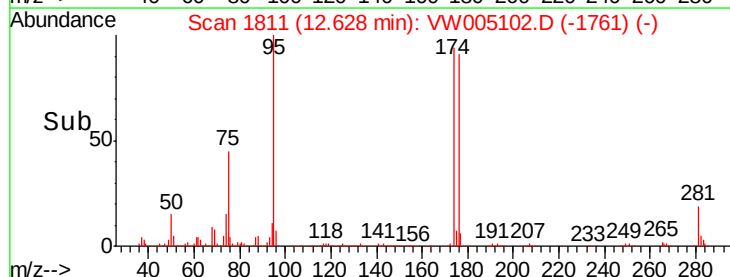
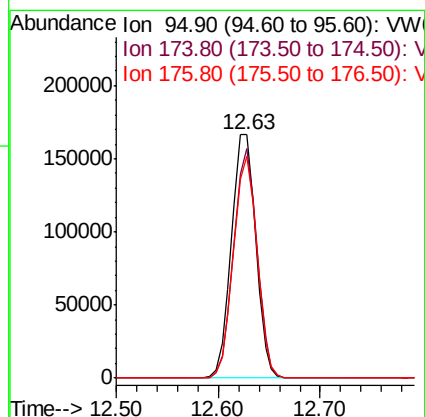
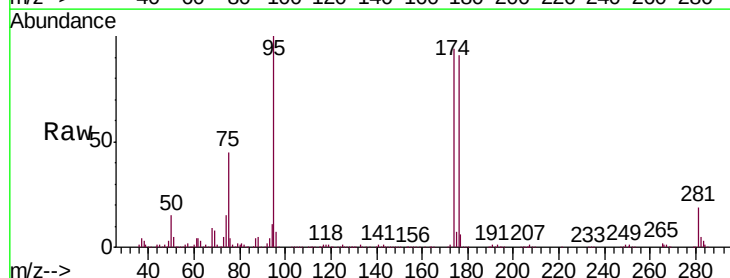
Tgt Ion: 95 Resp: 274973

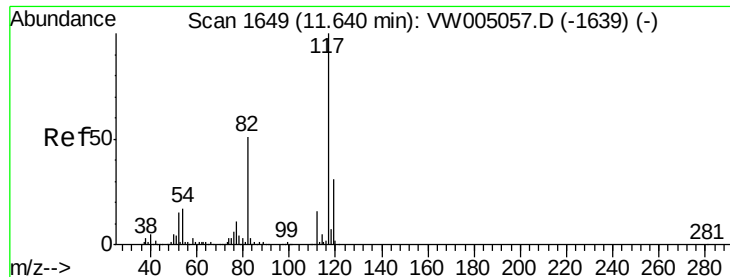
Ion Ratio Lower Upper

95 100

174 90.5 0.0 173.4

176 88.0 0.0 167.4

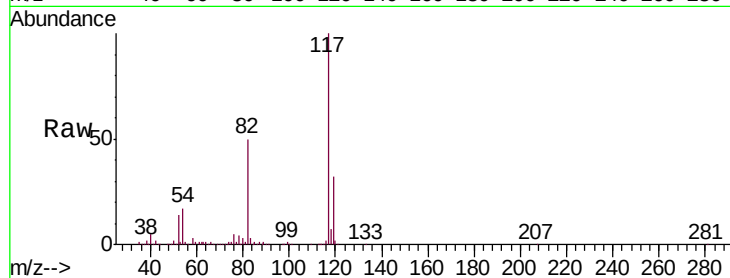




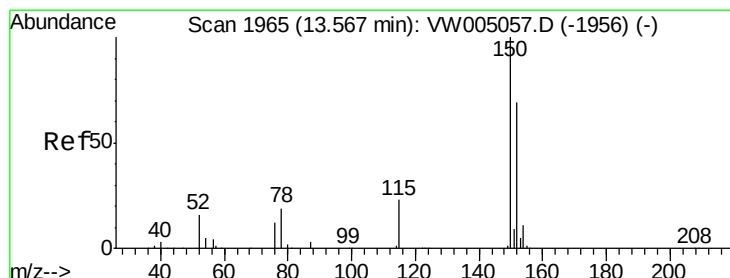
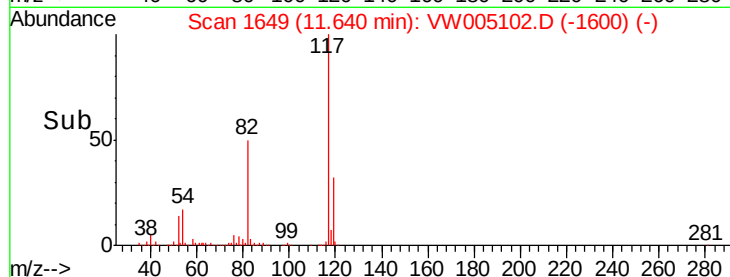
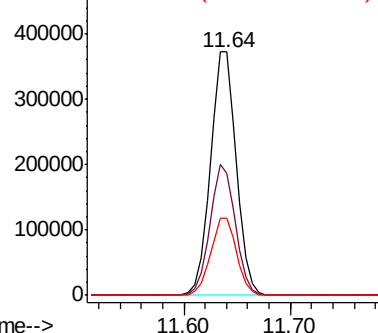
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.9	61.3
119	31.9	24.9	37.3

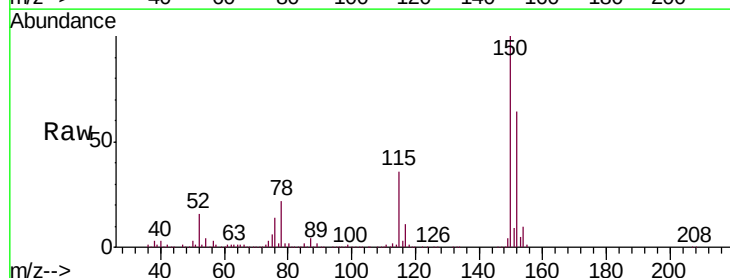


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

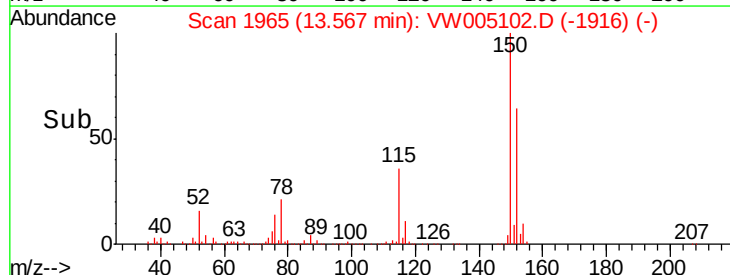
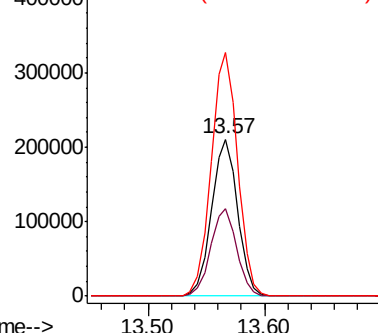


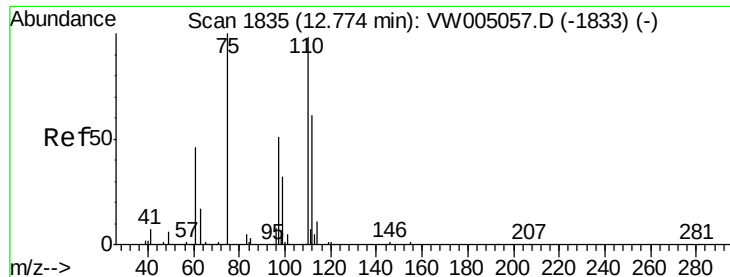
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	157.1	0.0	351.4



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

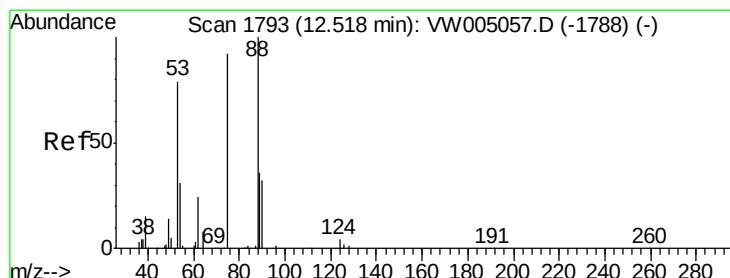
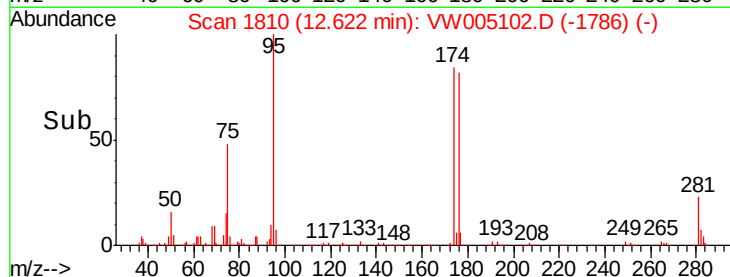
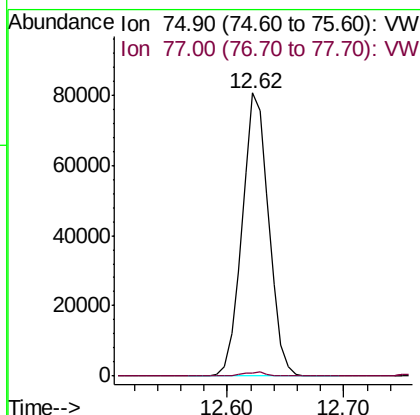
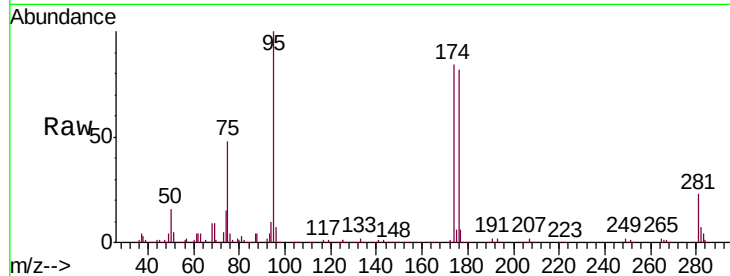




#76
 1,2,3-Trichloropropane
 Concen: 51.934 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005102.D
 Acq: 05 Sep 2018 02:35

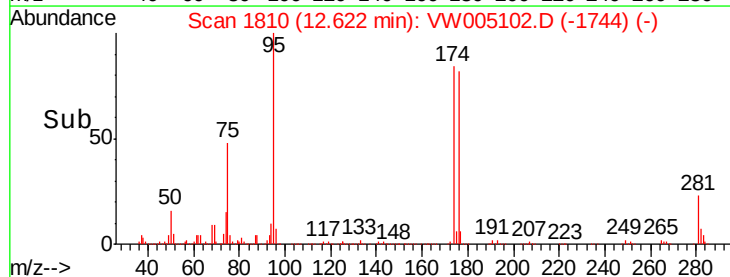
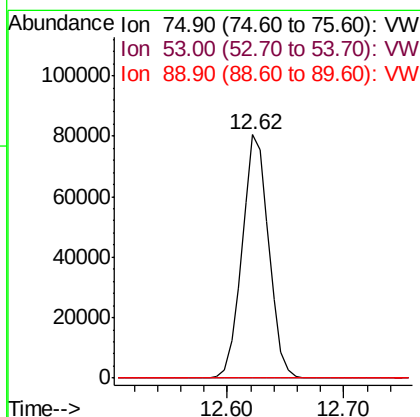
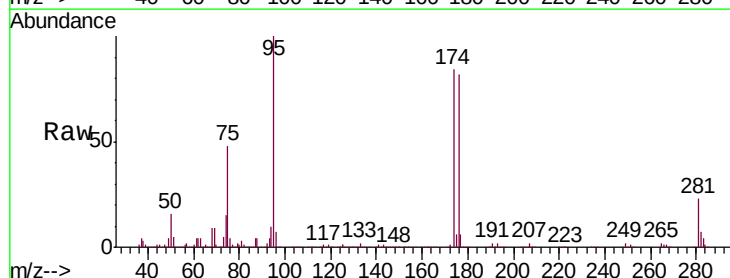
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBL02

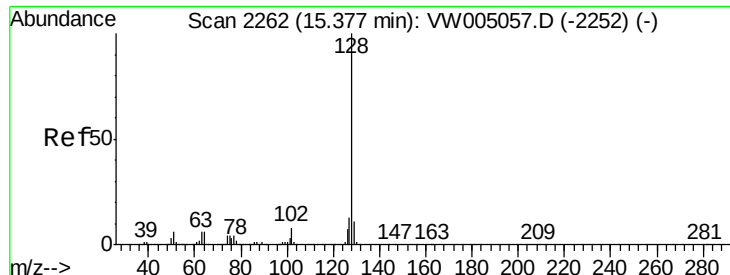
Tgt Ion: 75 Resp: 127918
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.999 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005102.D
 Acq: 05 Sep 2018 02:35

Tgt Ion: 75 Resp: 127918
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.8 104.8#
 89 0.2 36.0 54.0#

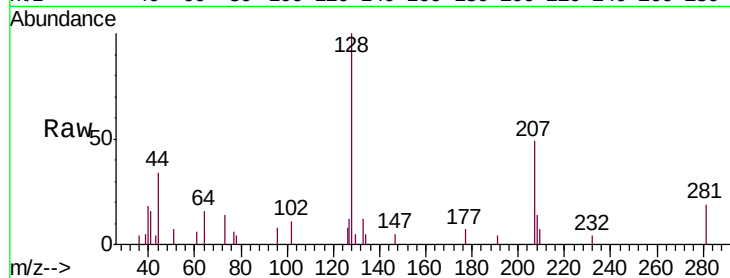




#95
Naphthalene
Concen: 4.167 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW005102.D
Acq: 05 Sep 2018 02:35

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBL02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.4	15.6
129	10.6	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

