

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005062.D
 Acq On : 01 Sep 2018 04:01
 Operator : SY/AP
 Sample : VW0901SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL01

Quant Time: Sep 01 07:31:29 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	473424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	727220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	720764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359961	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	216385	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.89	113	216699	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	10.33	98	935484	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	318021	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	

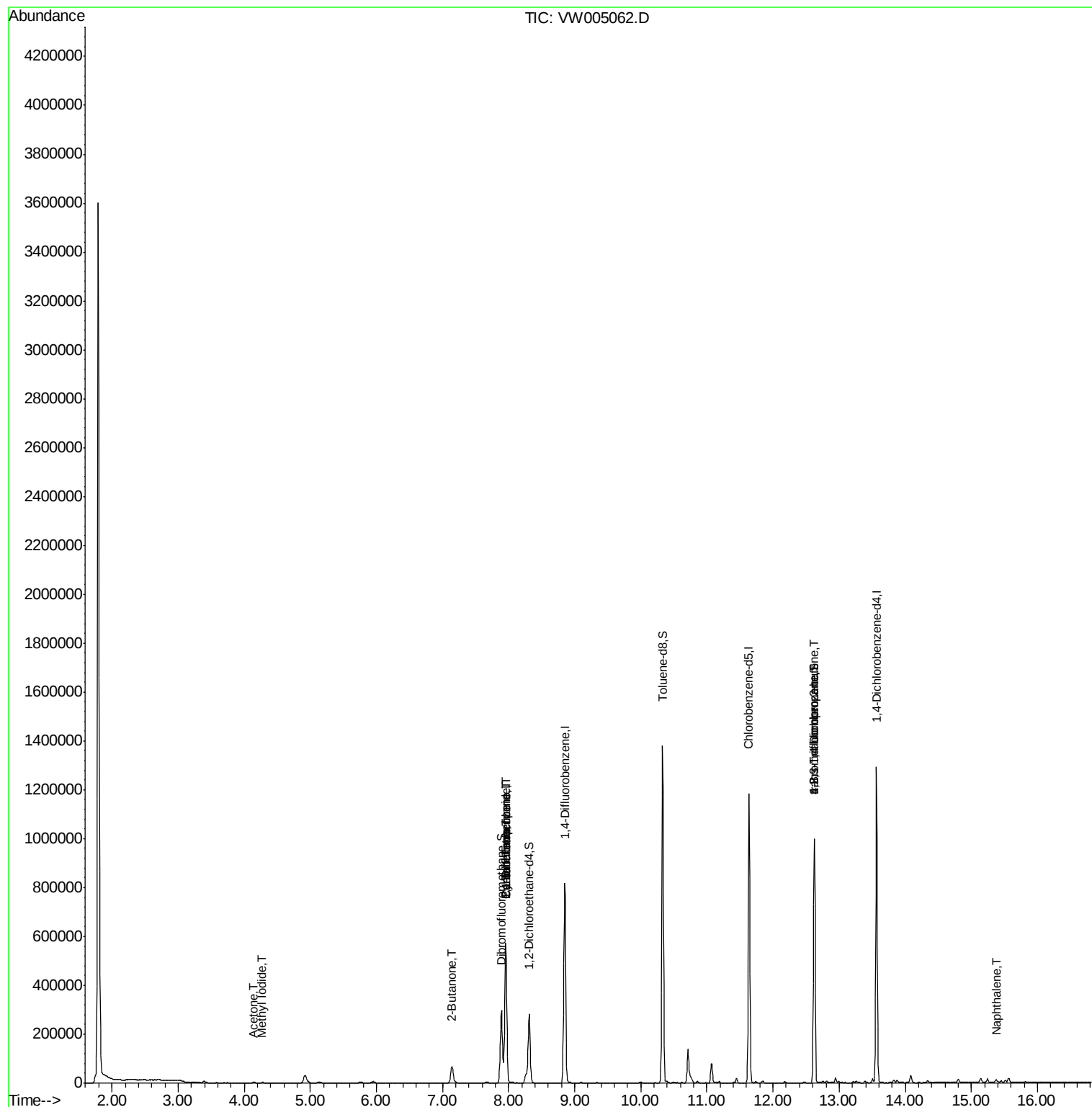
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	683	Below Cal	#	14
10) Methyl Iodide	4.26	142	807	3.939	ug/l #	49
11) Tert butyl alcohol	5.18	59	245	Below Cal	#	85
16) Acetone	4.14	43	2464	3.131	ug/l	97
25) 2-Butanone	7.15	43	3732	2.734	ug/l #	81
31) Cyclohexane	7.95	56	7760	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	31273	4.515	ug/l #	48
38) Carbon Tetrachloride	7.96	117	41093	6.240	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	150847	55.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	150847	134.374	ug/l #	15
95) Naphthalene	15.38	128	9658	4.664	ug/l	97

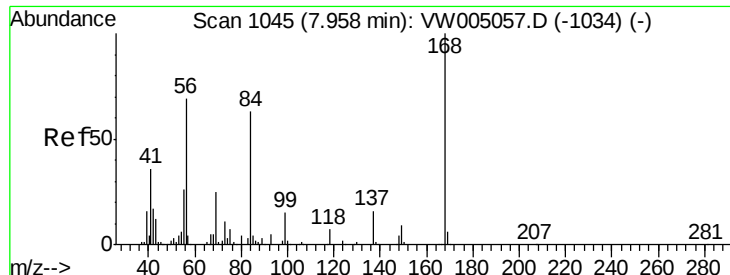
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
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Quant Time: Sep 01 07:31:29 2018
Quant Method : Z:\V0ASRV\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: VW005062.D

Acq: 01 Sep 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

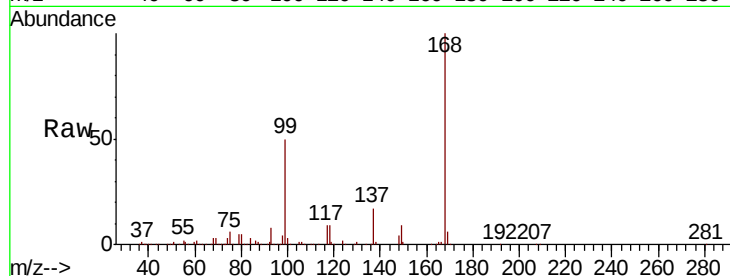
VW0901SBL01

Tgt Ion:168 Resp: 473424

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

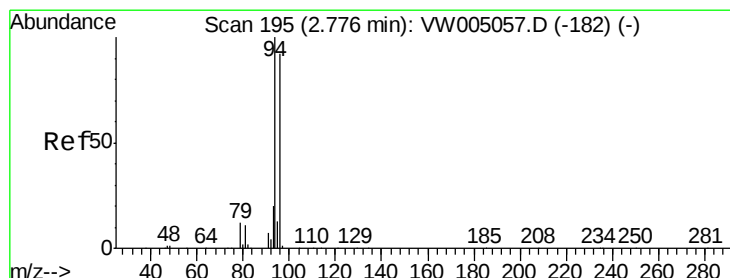
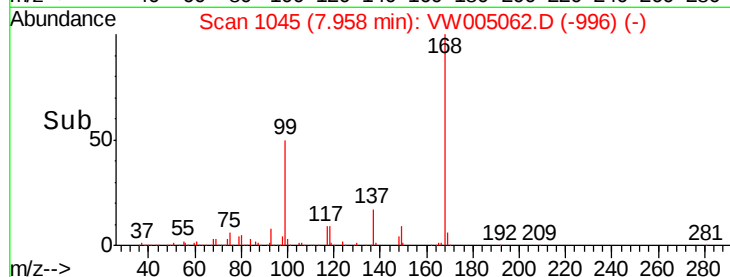
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005062.D

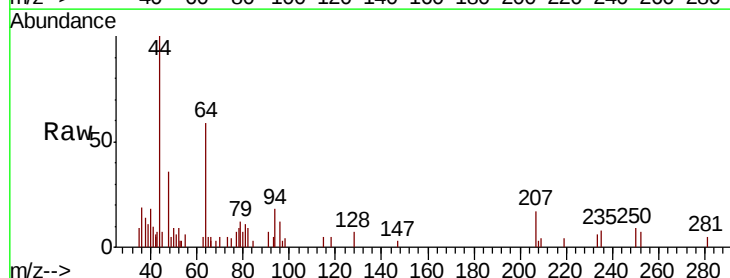
Acq: 01 Sep 2018 04:01

Tgt Ion: 94 Resp: 683

Ion Ratio Lower Upper

94 100

96 9.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

400

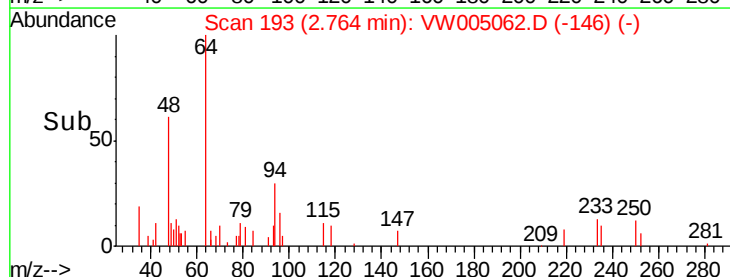
300

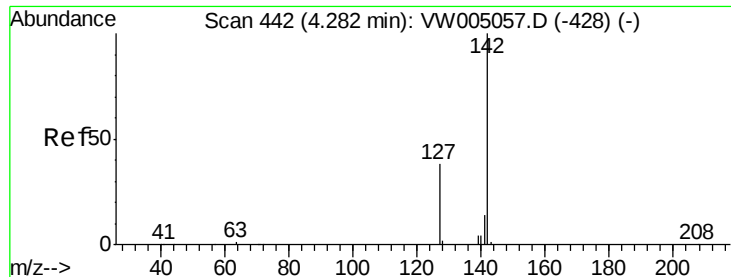
200

100

0

Time-->

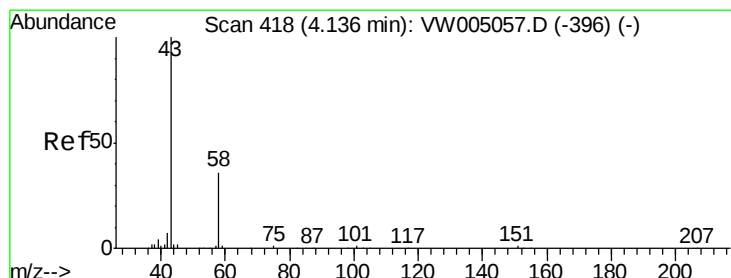
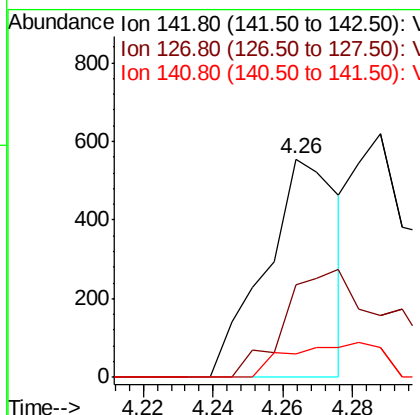
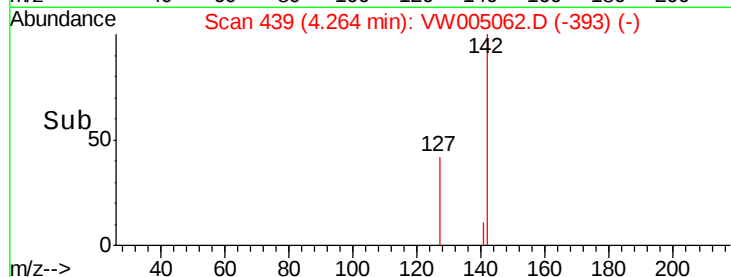
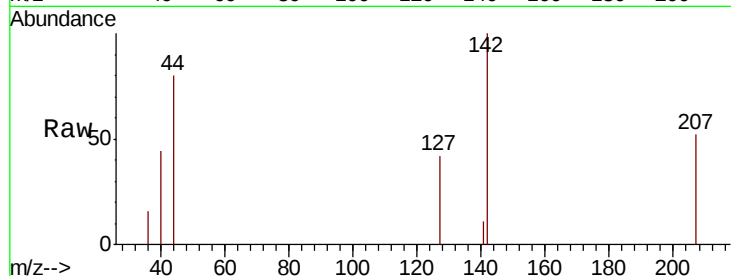




#10
Methyl Iodide
Concen: 3.939 ug/l
RT: 4.26 min Scan# 439
Delta R.T. -0.02 min
Lab File: VW005062.D
Acq: 01 Sep 2018 04:01

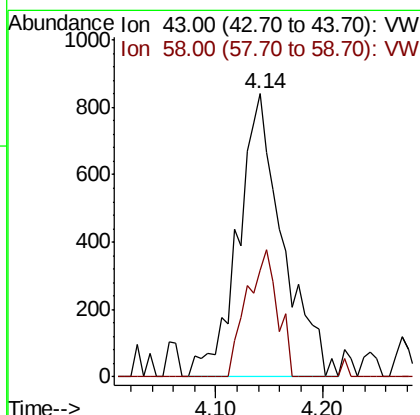
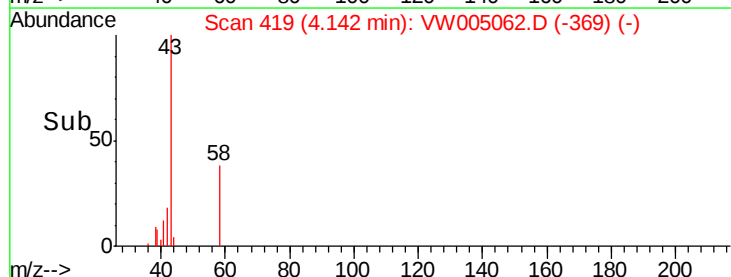
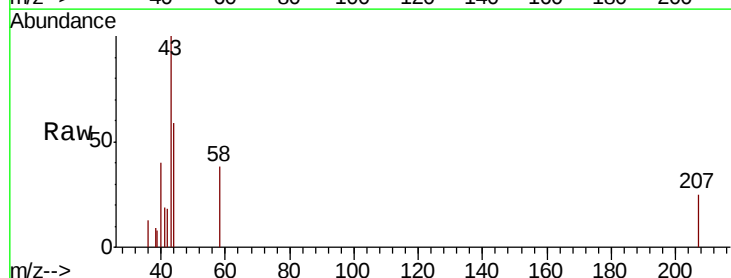
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBL01

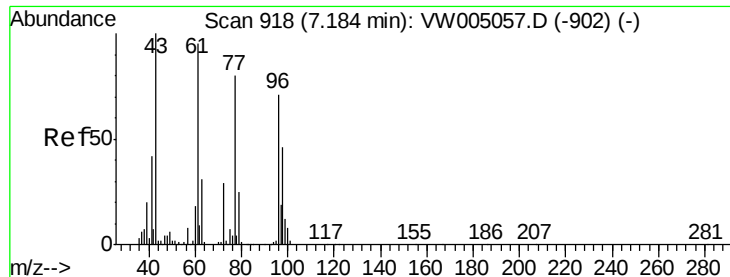
Tgt Ion: 142 Resp: 807
Ion Ratio Lower Upper
142 100
127 78.3 30.8 46.2#
141 19.7 11.6 17.4#



#16
Acetone
Concen: 3.131 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005062.D
Acq: 01 Sep 2018 04:01

Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 37.9 29.0 43.6





#25

2-Butanone

Concen: 2.734 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

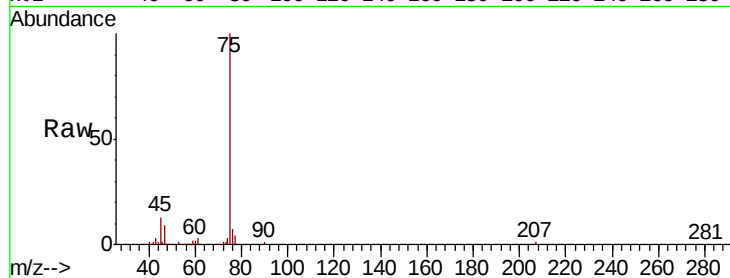
VW0901SBL01

Tgt Ion: 43 Resp: 3732

Ion Ratio Lower Upper

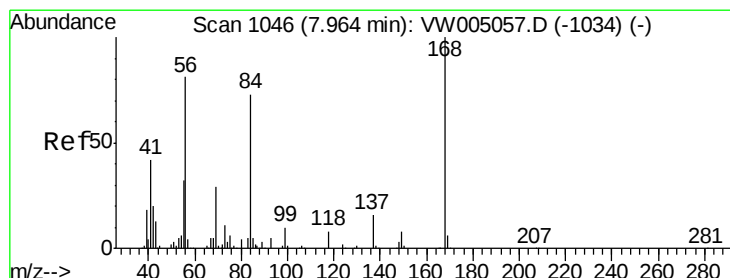
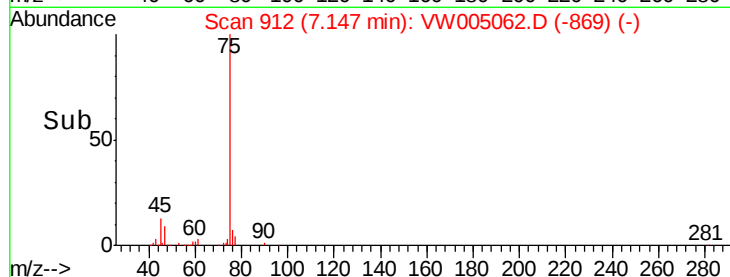
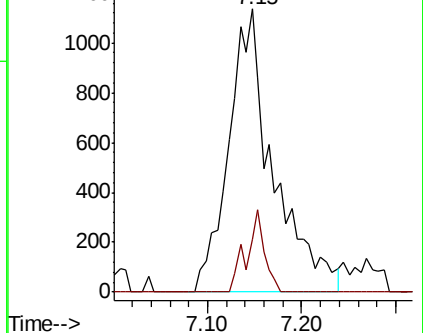
43 100

72 18.8 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

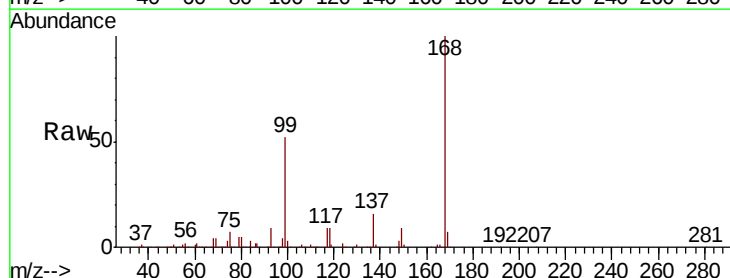
Tgt Ion: 56 Resp: 7760

Ion Ratio Lower Upper

56 100

69 187.1 28.2 42.2#

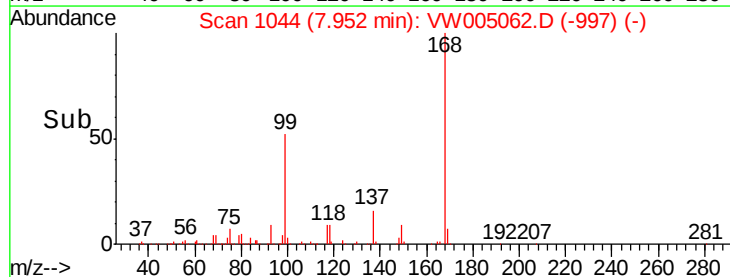
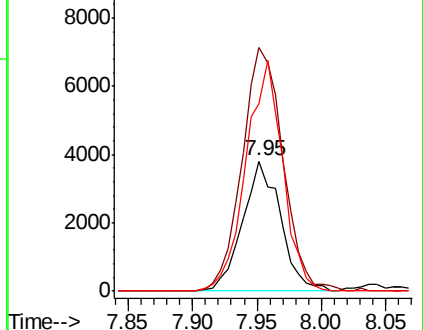
84 143.5 71.8 107.8#

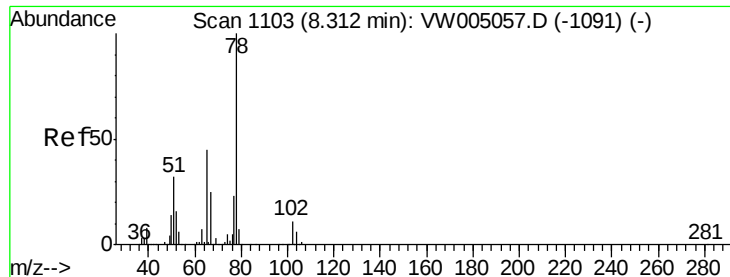


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

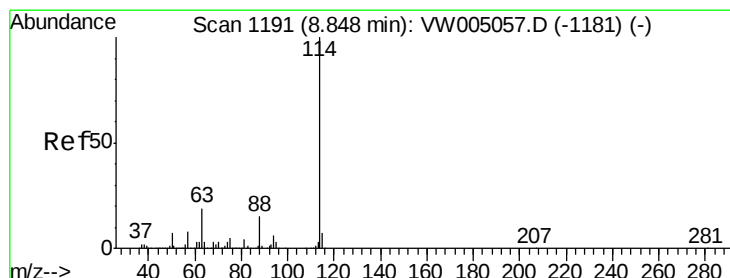
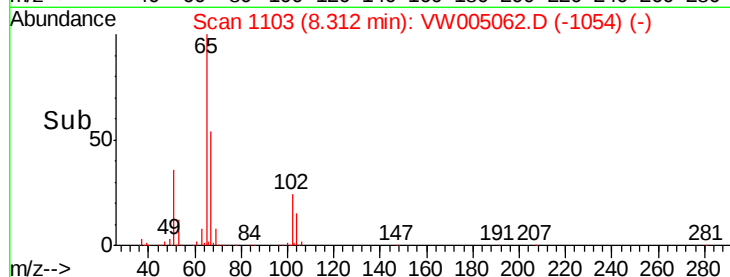
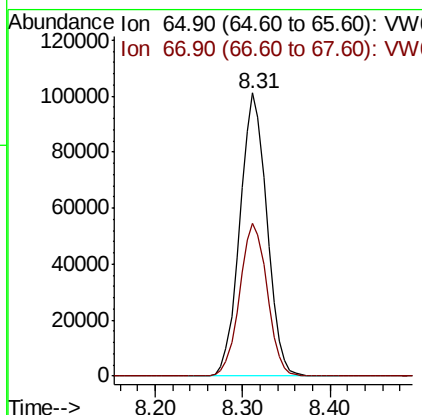
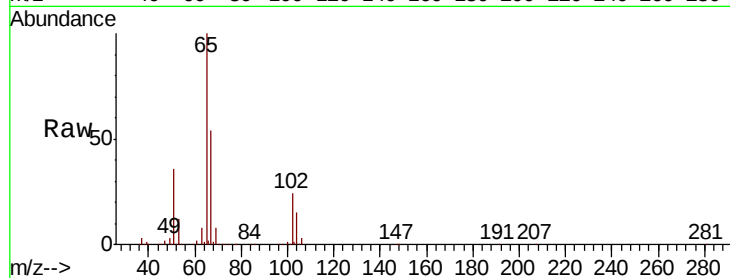




#33
 1,2-Dichloroethane-d4
 Concen: 55.137 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005062.D
 Acq: 01 Sep 2018 04:01

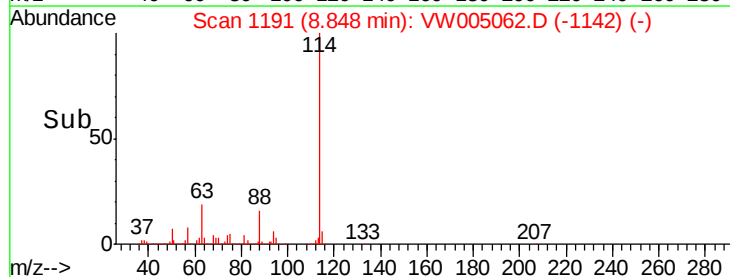
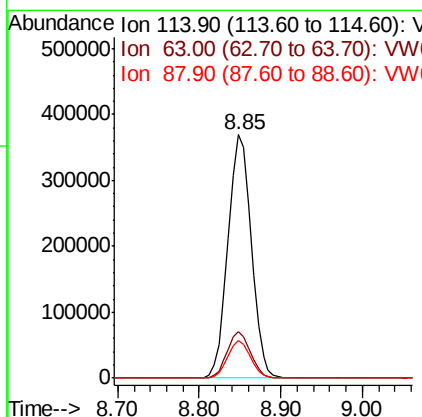
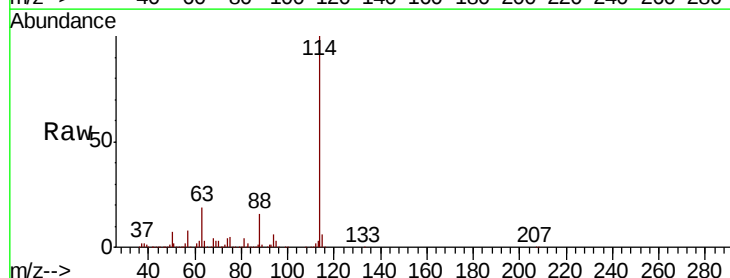
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL01

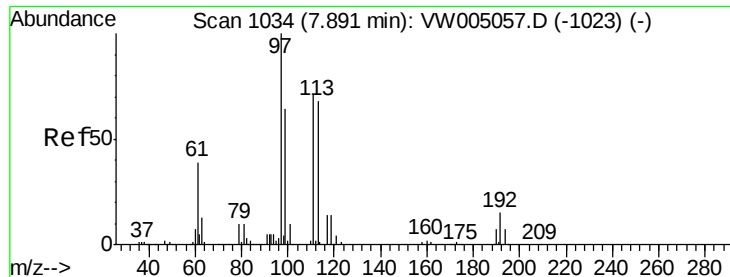
Tgt Ion: 65 Resp: 216385
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005062.D
 Acq: 01 Sep 2018 04:01

Tgt Ion: 114 Resp: 727220
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.6 0.0 30.2

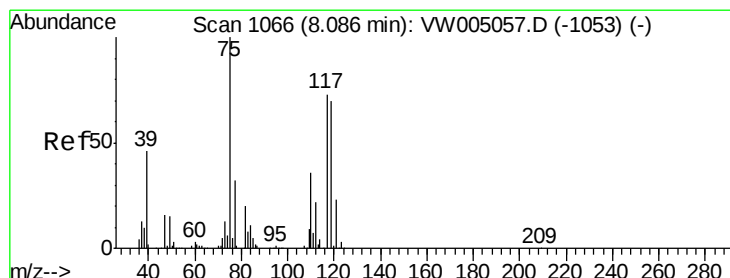
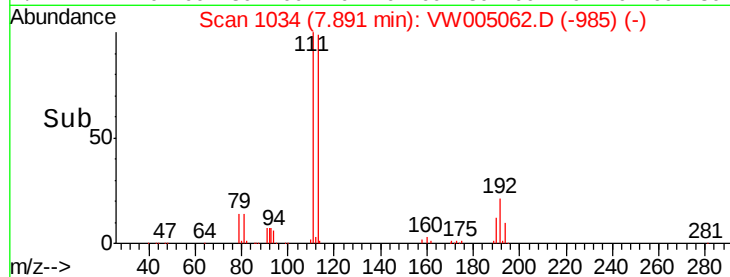
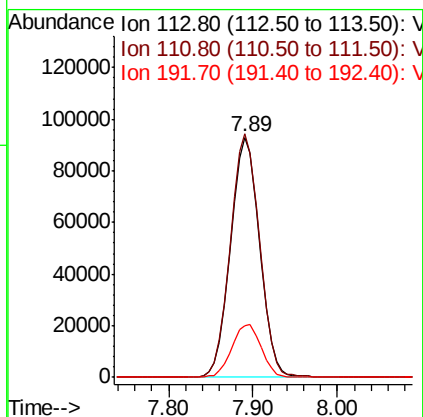
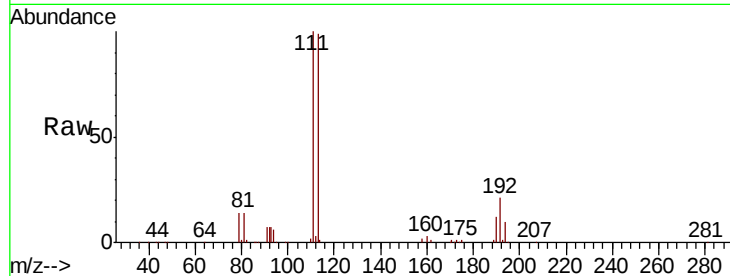




#35
 Dibromofluoromethane
 Concen: 51.564 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005062.D
 Acq: 01 Sep 2018 04:01

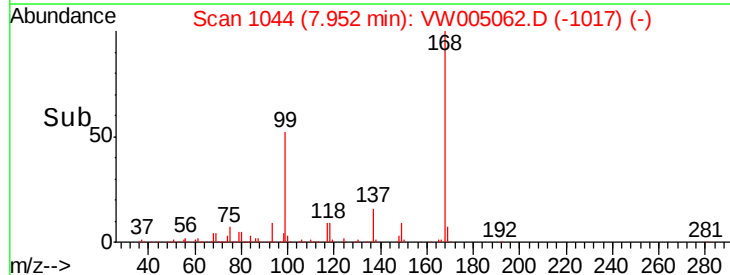
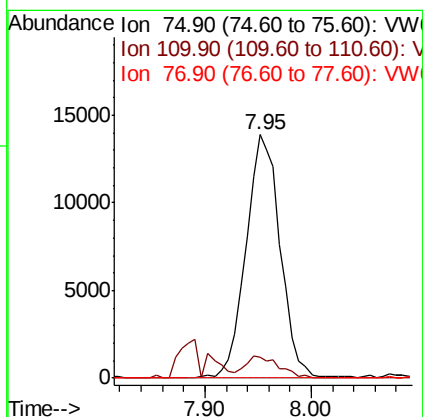
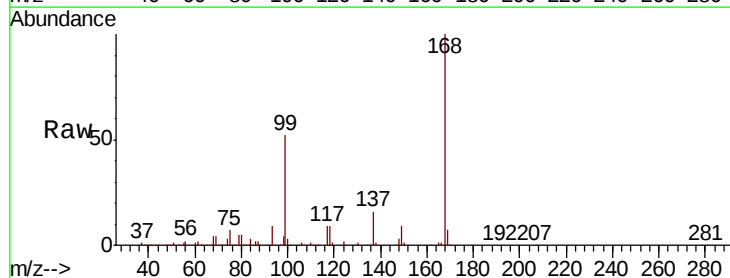
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL01

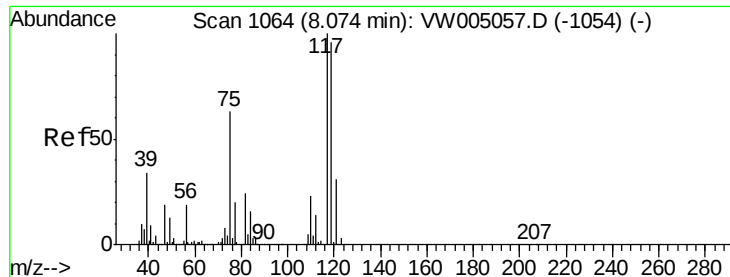
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	22.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005062.D
 Acq: 01 Sep 2018 04:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.9	56.7#
77	0.1	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.240 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

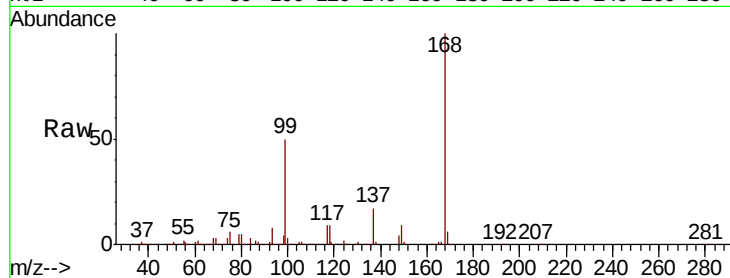
Tgt Ion:117 Resp: 41093

Ion Ratio Lower Upper

117 100

119 6.0 76.6 115.0#

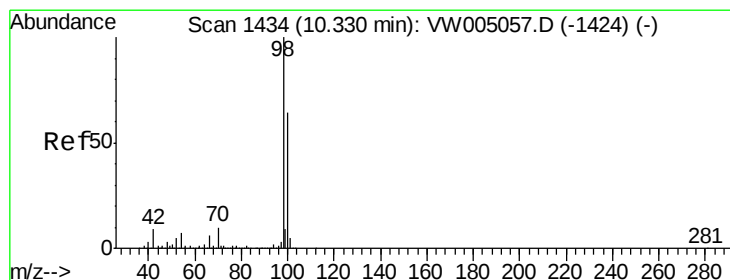
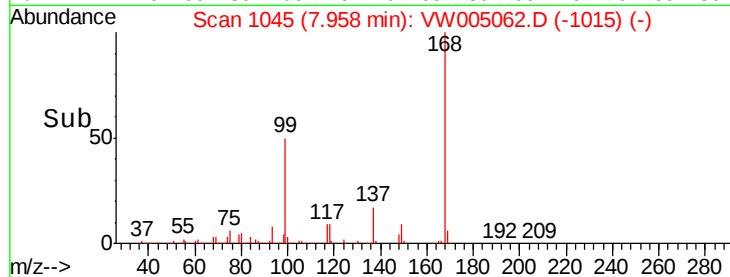
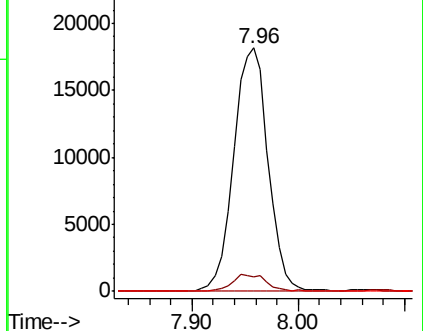
121 0.0 24.8 37.2#



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



#50

Toluene-d8

Concen: 48.310 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005062.D

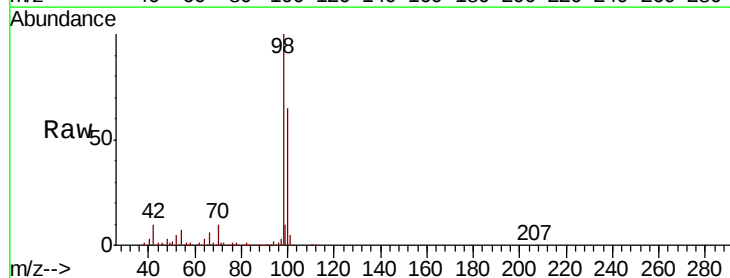
Acq: 01 Sep 2018 04:01

Tgt Ion: 98 Resp: 935484

Ion Ratio Lower Upper

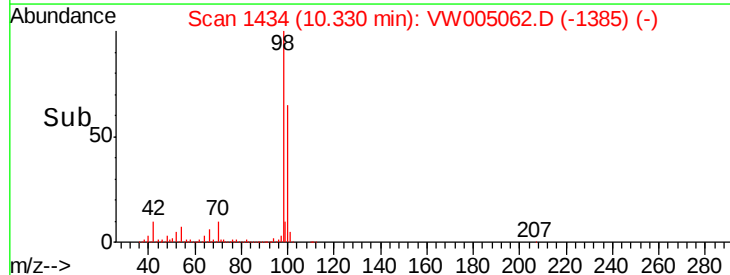
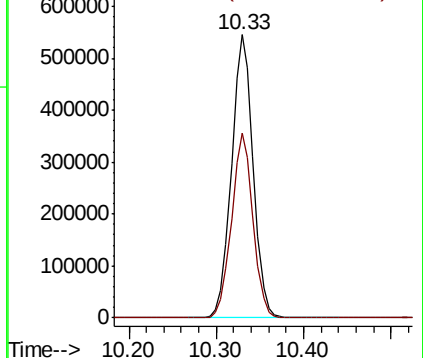
98 100

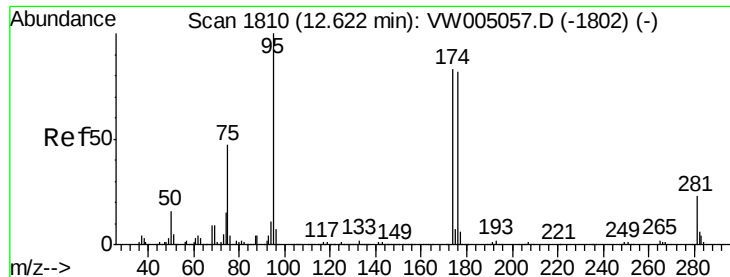
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.576 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

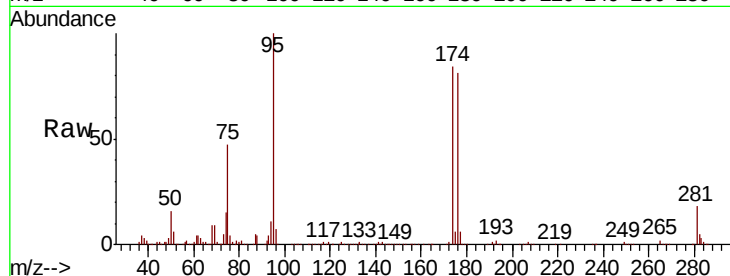
Tgt Ion: 95 Resp: 318021

Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.4

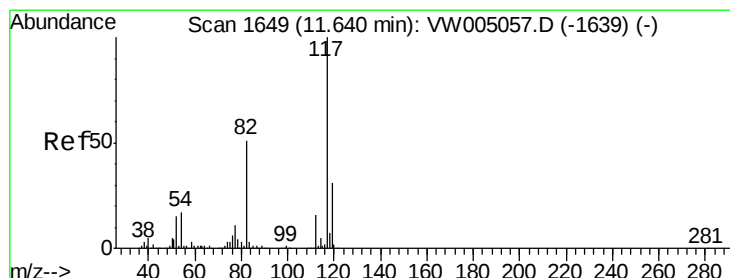
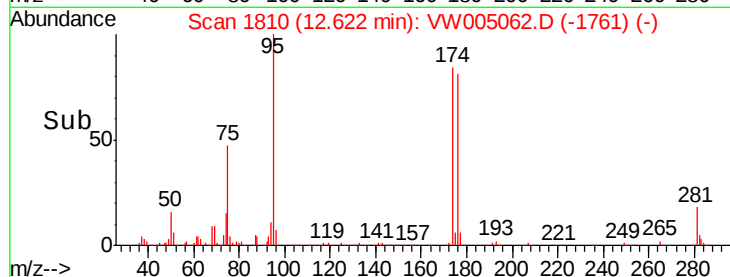
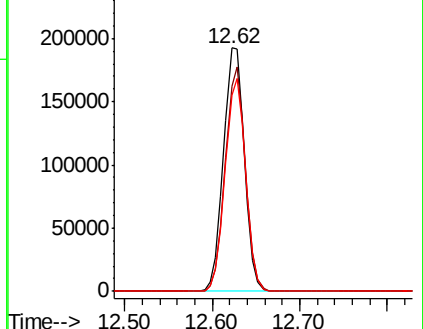
176 85.8 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

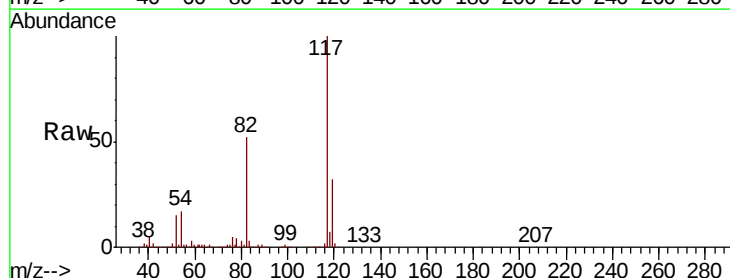
Tgt Ion: 117 Resp: 720764

Ion Ratio Lower Upper

117 100

82 52.5 40.9 61.3

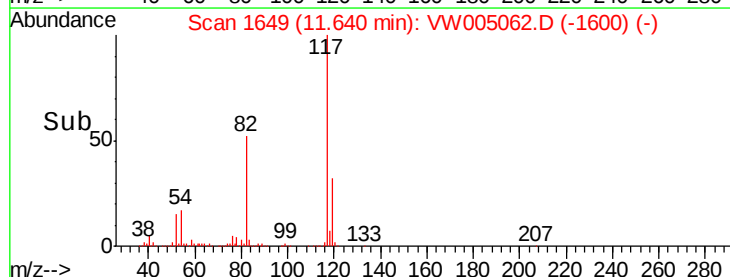
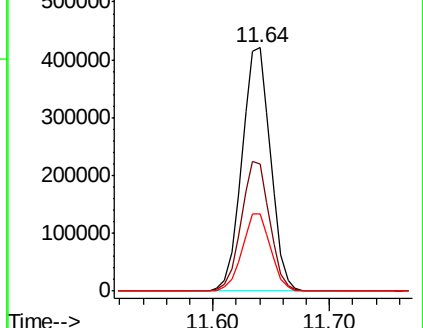
119 31.6 24.9 37.3

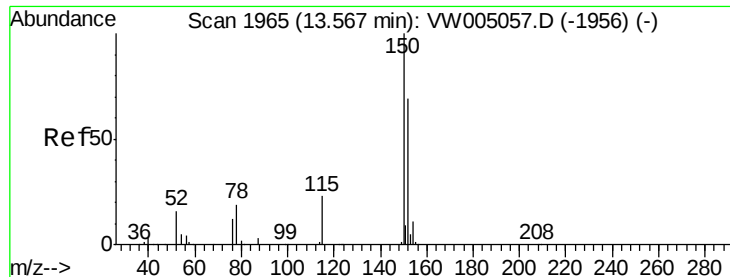


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



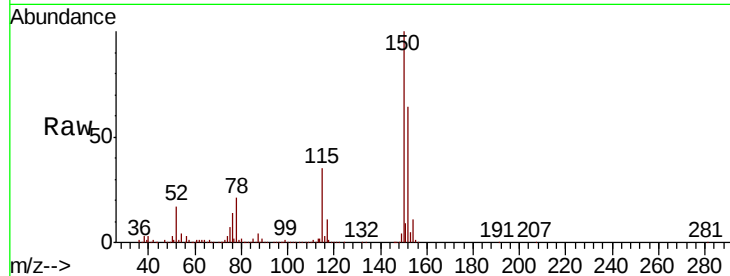


#72

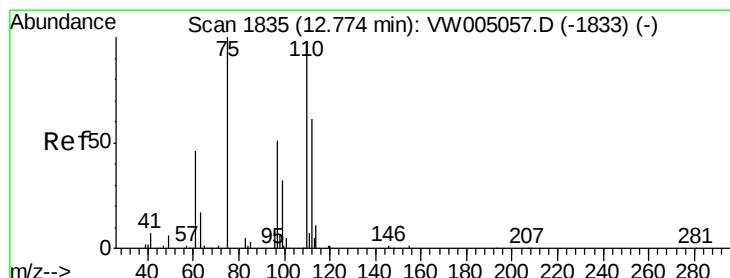
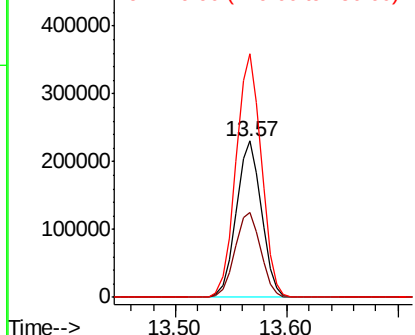
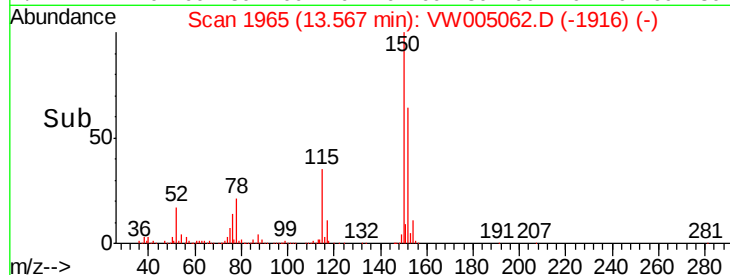
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005062.D
Acq: 01 Sep 2018 04:01

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBL01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.4
150	156.4	0.0	351.4



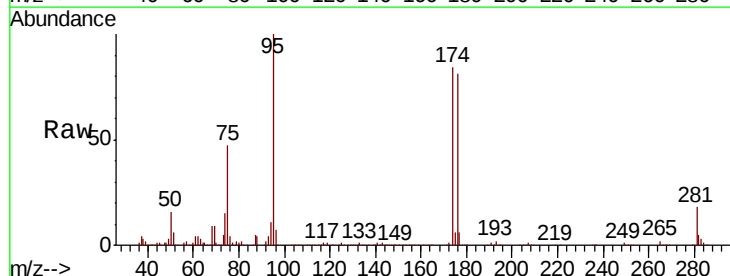
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



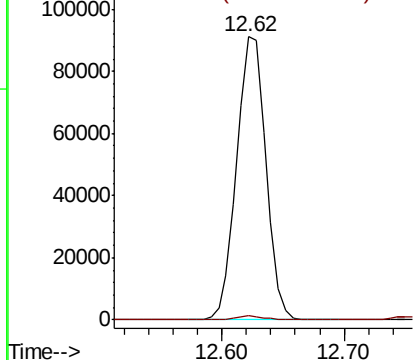
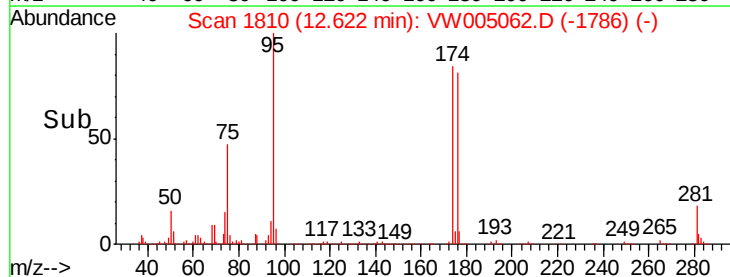
#76

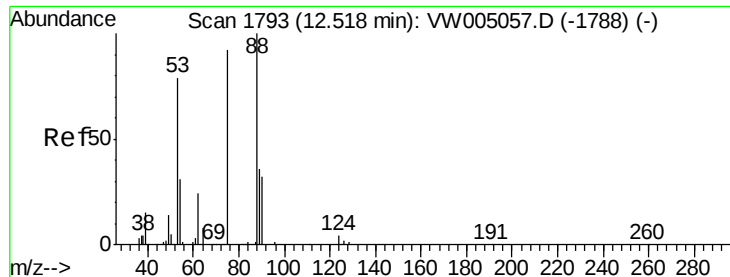
1,2,3-Trichloropropane
Concen: 55.829 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005062.D
Acq: 01 Sep 2018 04:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 134.374 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL01

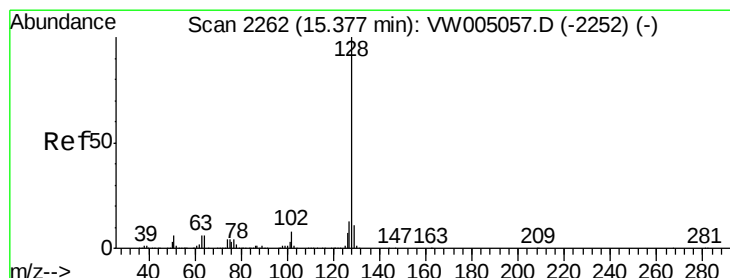
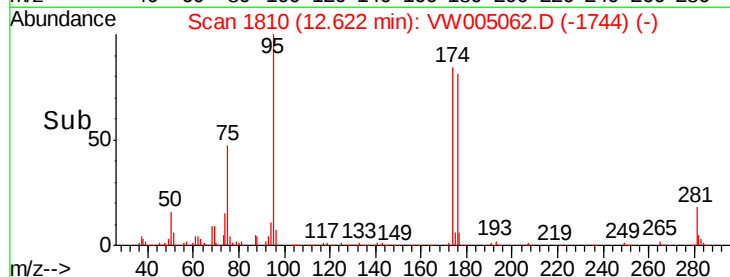
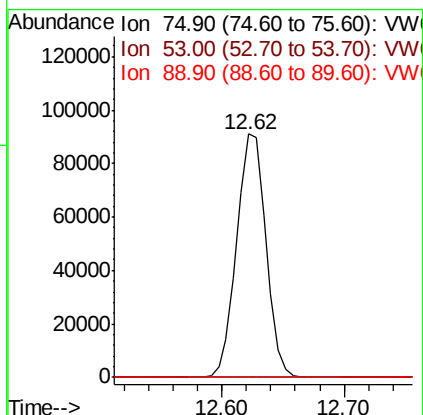
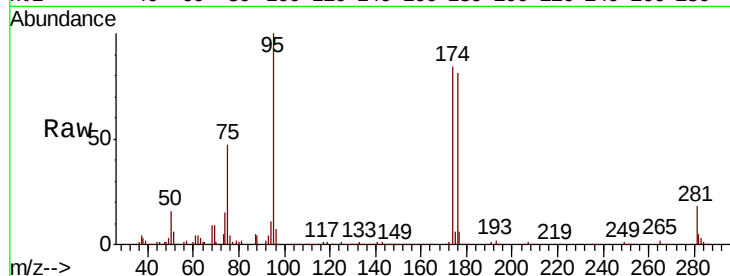
Tgt Ion: 75 Resp: 150847

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.1 36.0 54.0#



#95

Naphthalene

Concen: 4.664 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005062.D

Acq: 01 Sep 2018 04:01

Tgt Ion: 128 Resp: 9658

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 9.6 8.7 13.1

