

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004588.D
 Acq On : 10 Aug 2018 11:13
 Operator : SY/AP
 Sample : VW0813SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBL01

Quant Time: Aug 11 00:58:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	658919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1073711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1030998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	494459	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	354462	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	7.88	113	340705	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.33	98	1292428	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	12.62	95	433994	44.14	ug/l	0.00
Spiked Amount			Recovery	=	88.28%	

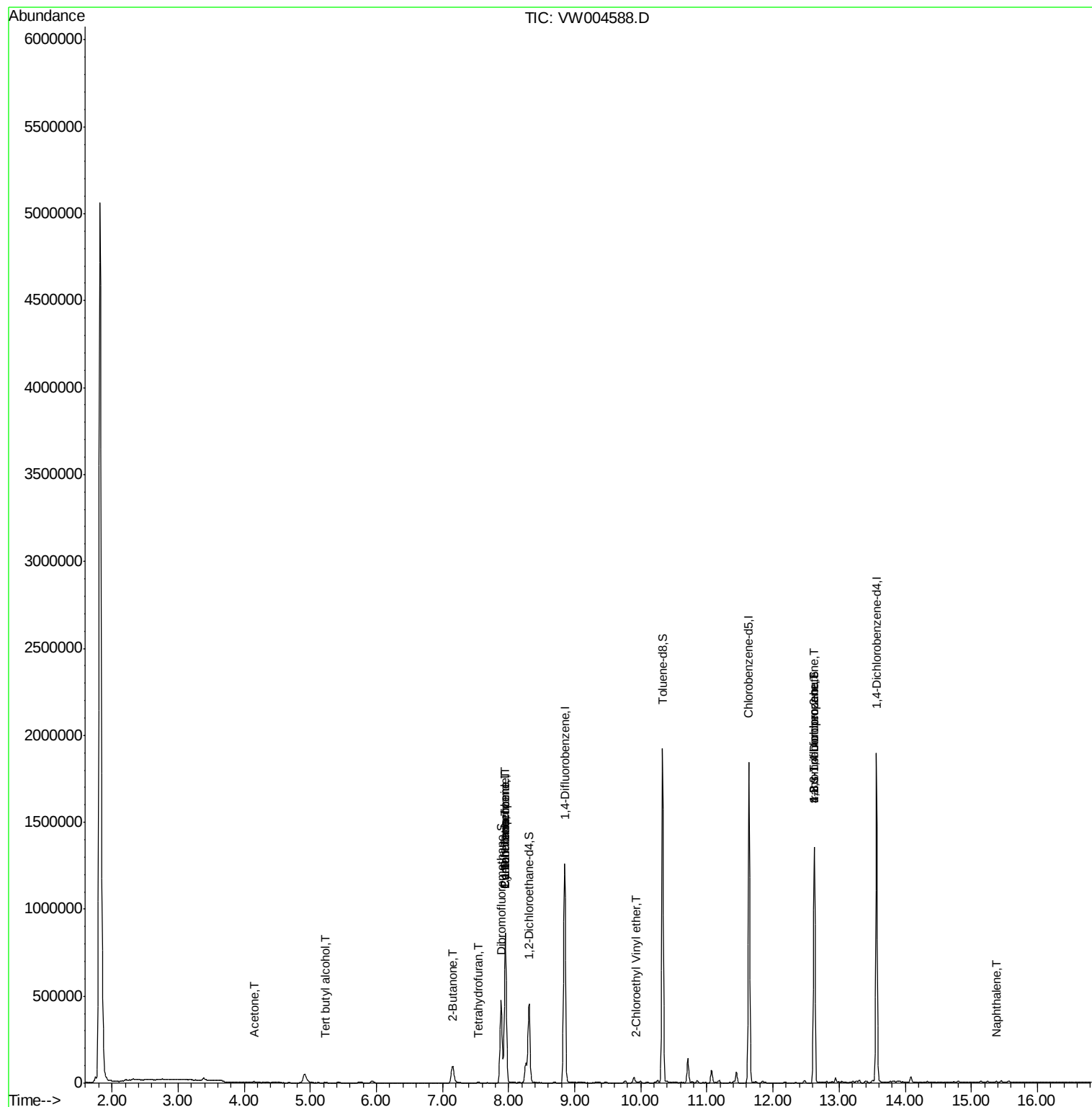
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	1868	4.374	ug/l #	80
16) Acetone	4.14	43	12704	6.974	ug/l	98
20) Methylene Chloride	4.91	84	41846	Below Cal		92
25) 2-Butanone	7.15	43	6176	2.108	ug/l #	68
29) Tetrahydrofuran	7.54	42	1910	1.261	ug/l #	34
31) Cyclohexane	7.95	56	14407	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	52553	4.546	ug/l #	49
38) Carbon Tetrachloride	7.95	117	61982	5.958	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	820	9.145	ug/l #	60
76) 1,2,3-Trichloropropane	12.62	75	208174	40.686	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	208174	97.398	ug/l #	12
95) Naphthalene	15.38	128	4309	3.098	ug/l	99

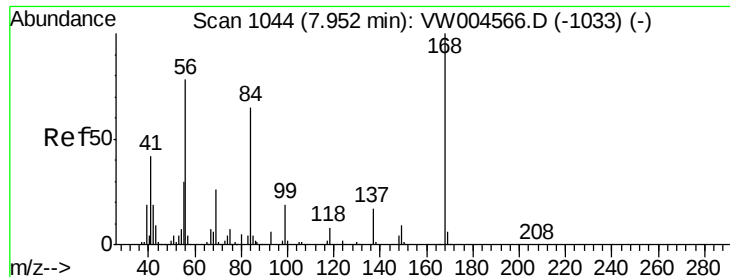
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Time: Aug 11 00:58:22 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 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: VW004588.D

Acq: 10 Aug 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

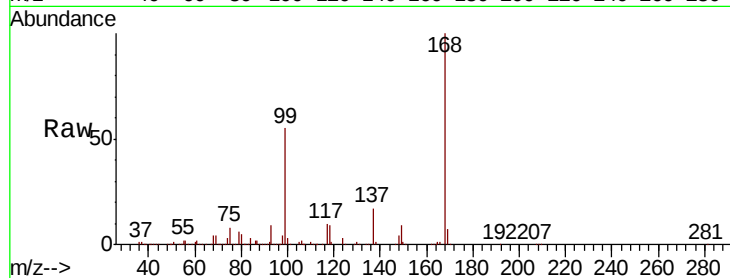
VW0813SBL01

Tgt Ion:168 Resp: 658919

Ion Ratio Lower Upper

168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

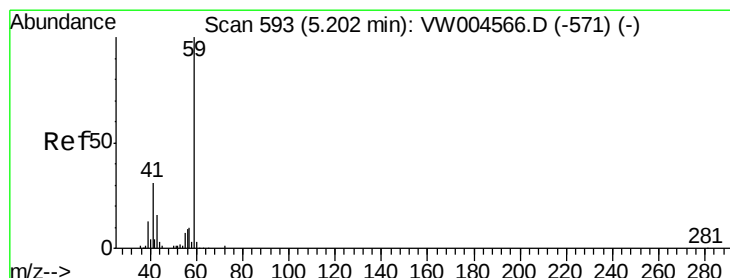
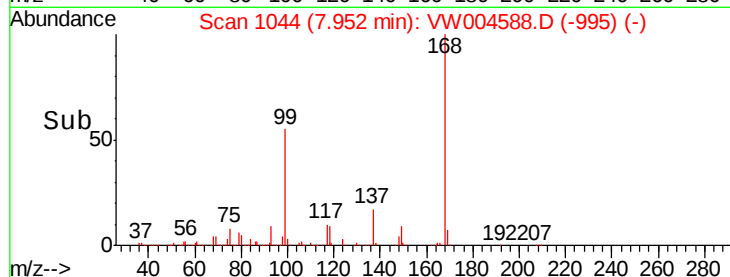
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.374 ug/l

RT: 5.23 min Scan# 598

Delta R.T. 0.02 min

Lab File: VW004588.D

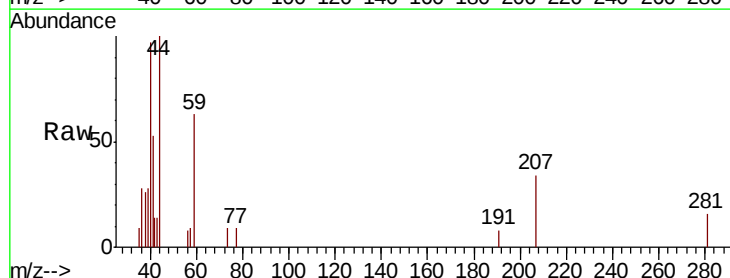
Acq: 10 Aug 2018 11:13

Tgt Ion: 59 Resp: 1868

Ion Ratio Lower Upper

59 100

57 3.7 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

500

400

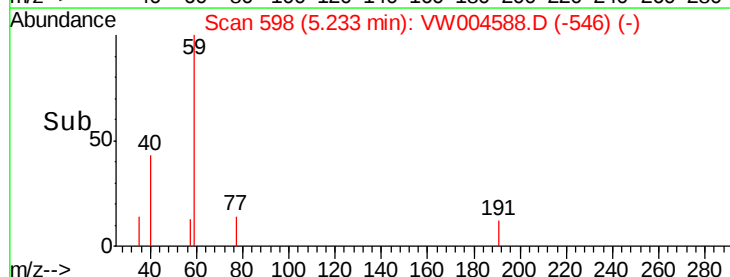
300

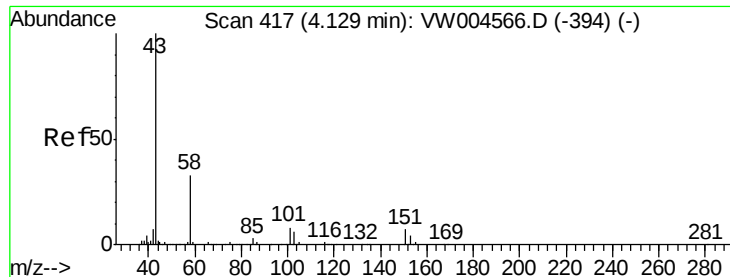
200

100

0

Time-->

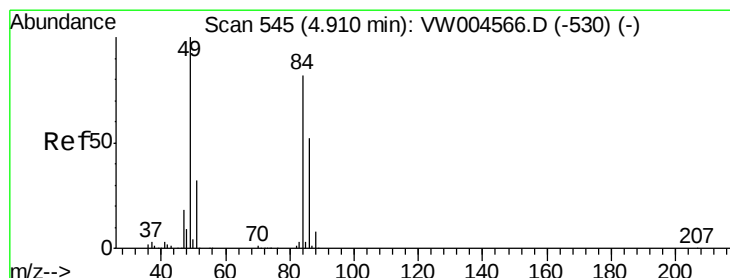
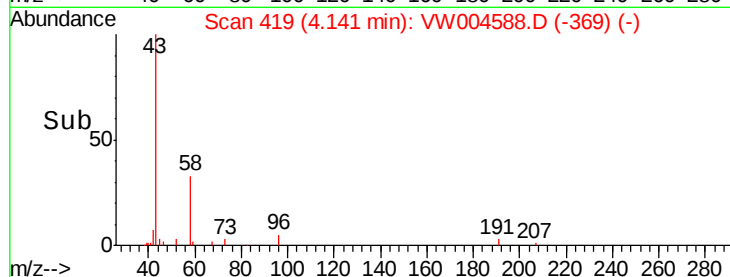
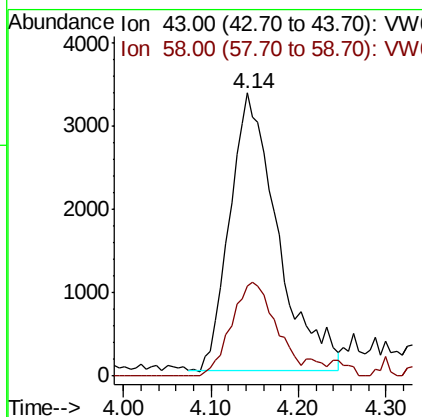
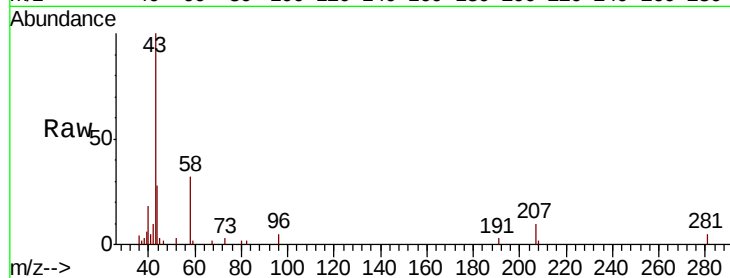




#16
Acetone
Concen: 6.974 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

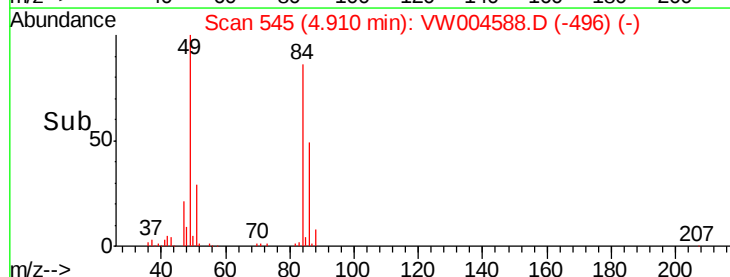
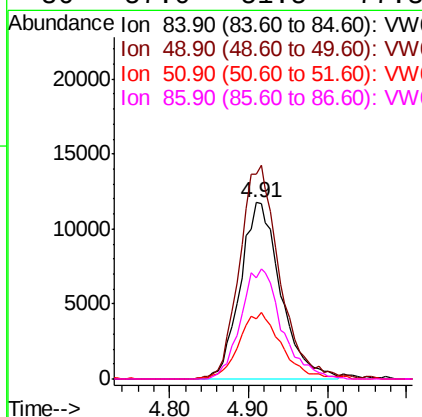
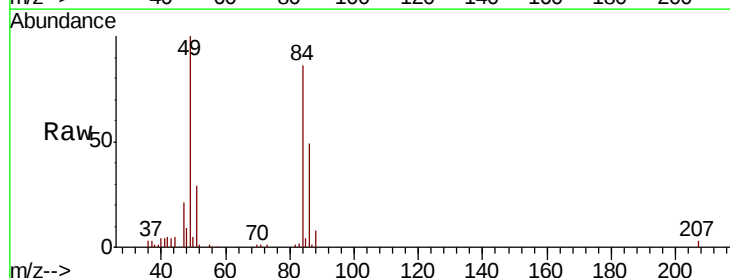
Instrument :
MSVOA_W
ClientSampleId :
VW0813SBL01

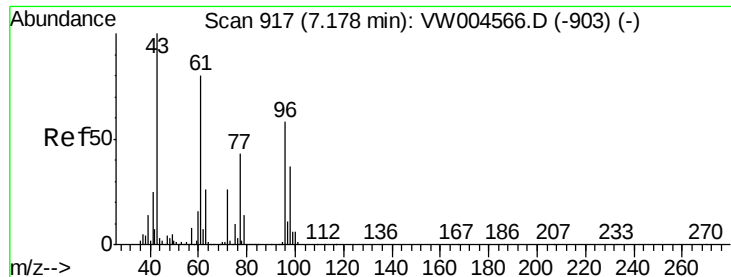
Tgt Ion: 43 Resp: 12704
Ion Ratio Lower Upper
43 100
58 32.5 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

Tgt Ion: 84 Resp: 41846
Ion Ratio Lower Upper
84 100
49 115.7 99.6 149.4
51 33.9 31.0 46.4
86 57.0 51.5 77.3

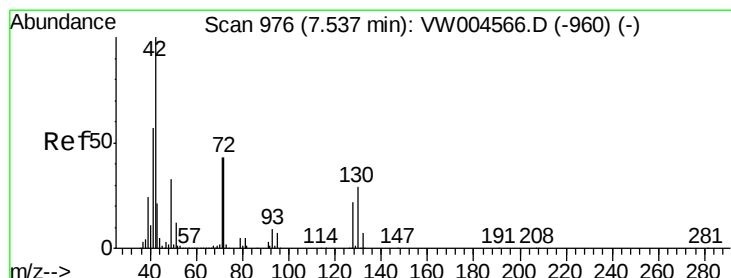
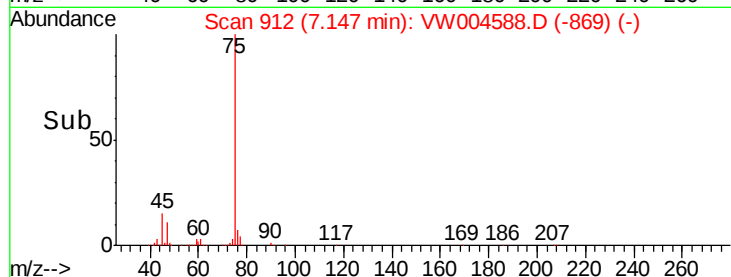
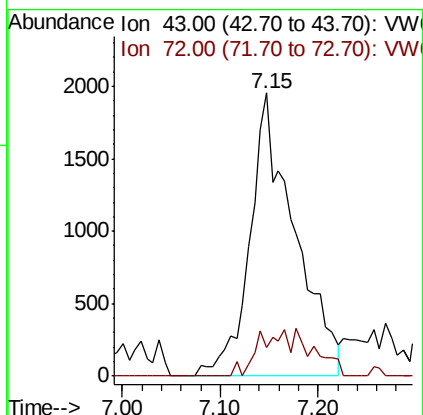
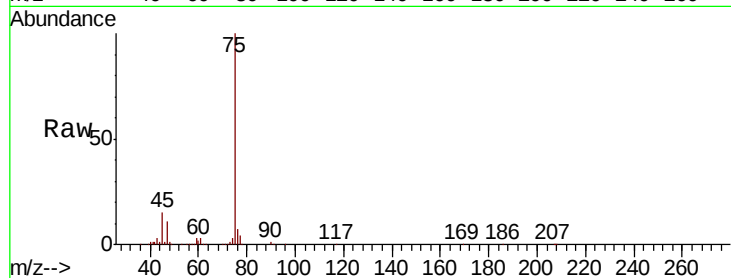




#25
2-Butanone
Concen: 2.108 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.04 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

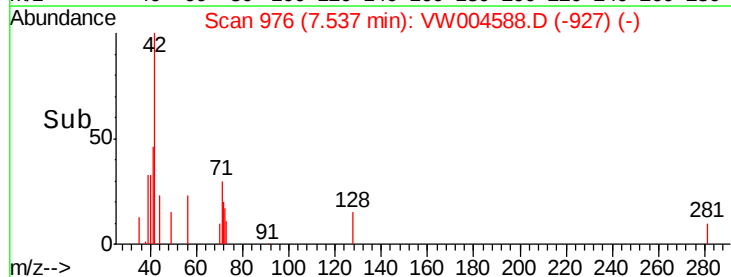
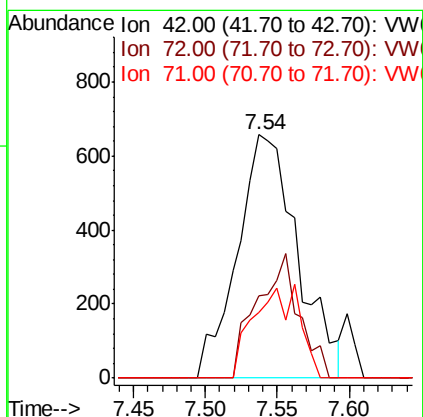
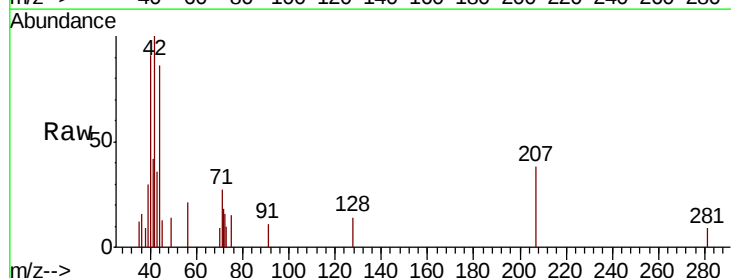
Instrument :
MSVOA_W
ClientSampleId :
VW0813SBL01

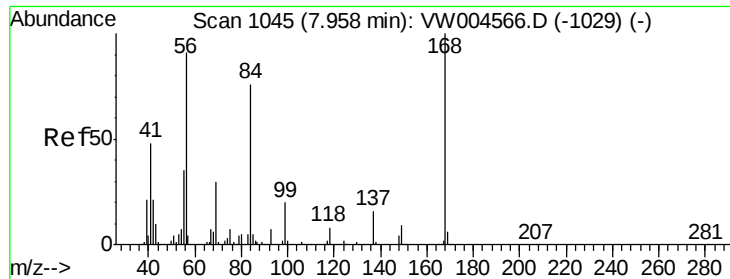
Tgt Ion: 43 Resp: 6176
Ion Ratio Lower Upper
43 100
72 10.1 21.0 31.6#



#29
Tetrahydrofuran
Concen: 1.261 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

Tgt Ion: 42 Resp: 1910
Ion Ratio Lower Upper
42 100
72 0.0 34.1 51.1#
71 0.0 32.5 48.7#

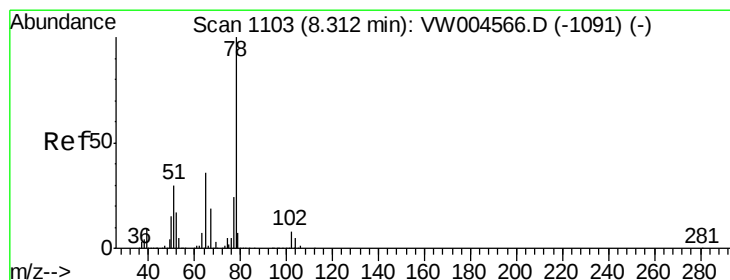
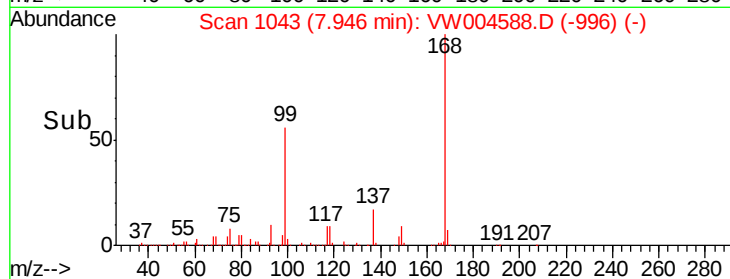
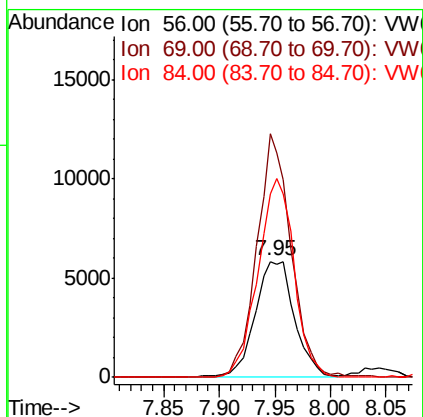
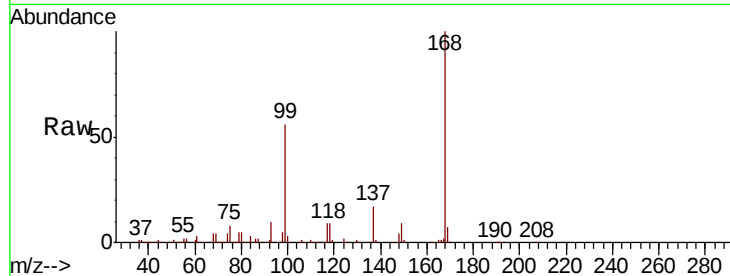




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

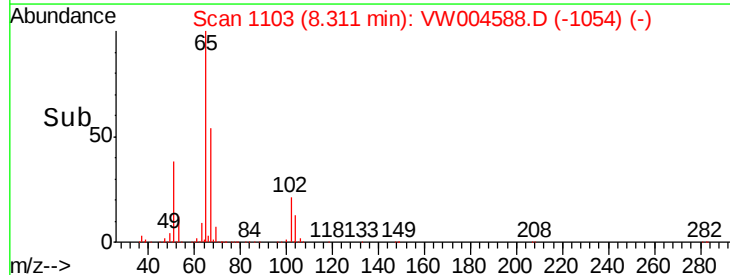
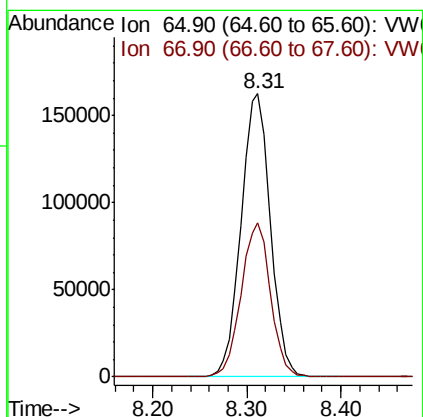
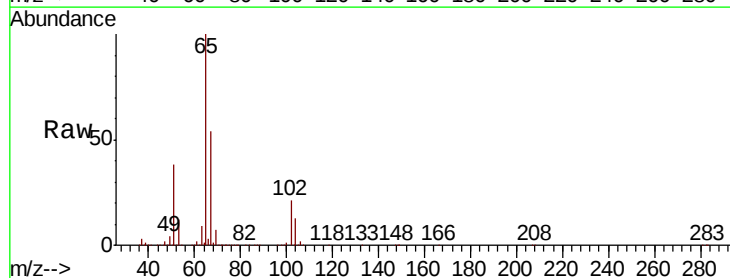
Instrument :
MSVOA_W
ClientSampleId :
VW0813SBL01

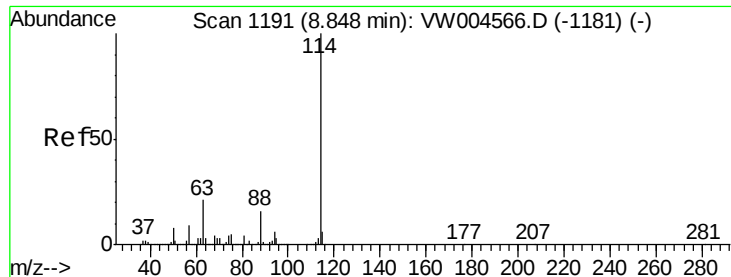
Tgt Ion: 56 Resp: 14407
Ion Ratio Lower Upper
56 100
69 209.5 26.4 39.6#
84 158.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.596 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

Tgt Ion: 65 Resp: 354462
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBL01

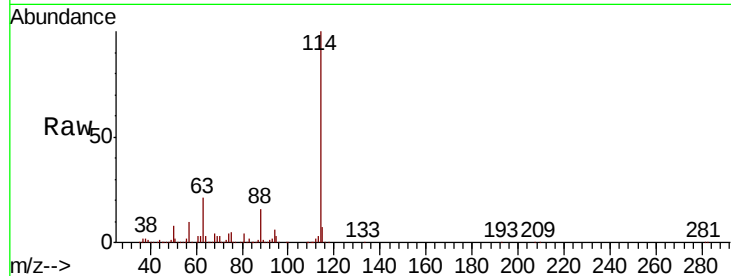
Tgt Ion:114 Resp: 1073711

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

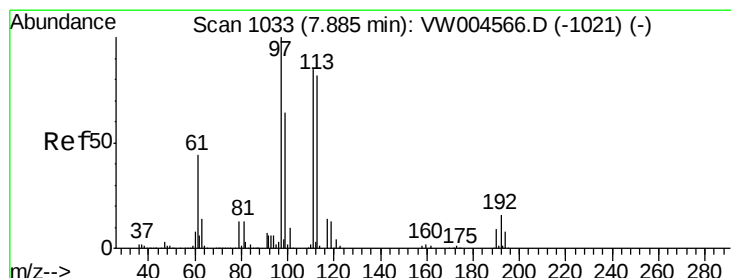
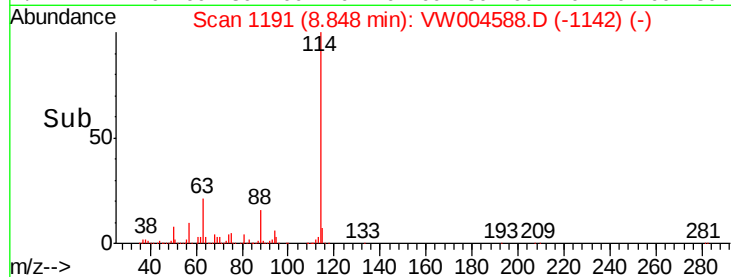
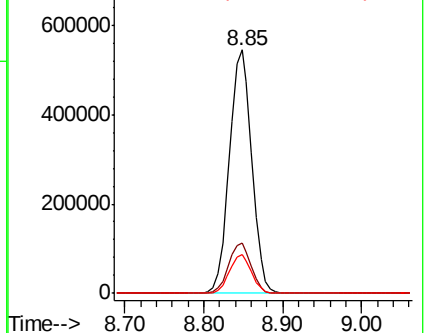
88 15.9 0.0 31.2



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: 47.590 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

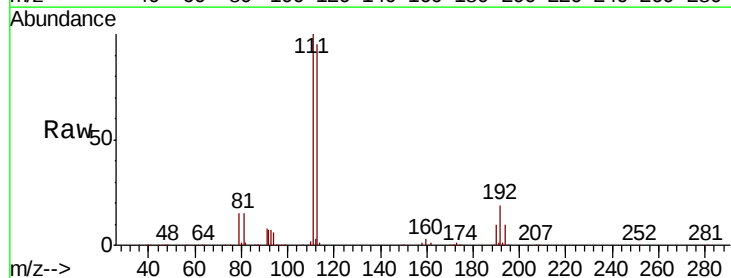
Tgt Ion:113 Resp: 340705

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

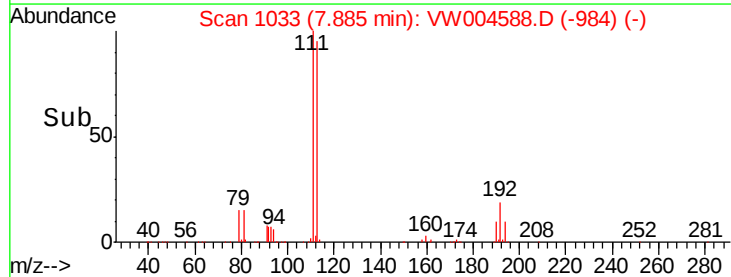
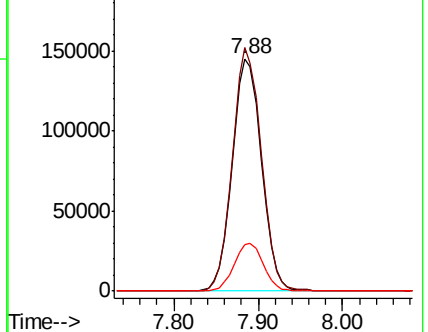
192 20.4 15.8 23.6

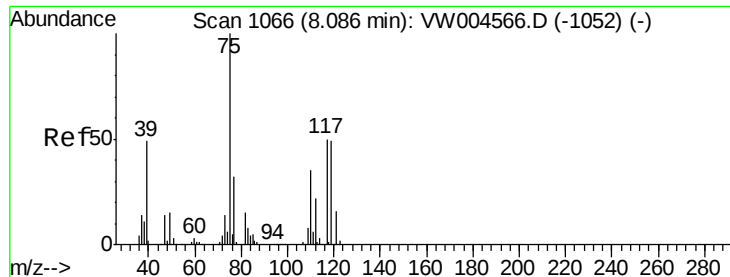


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

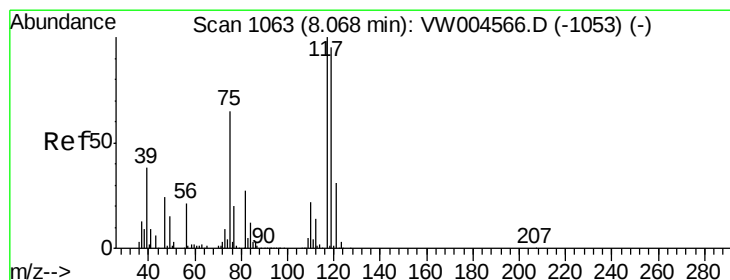
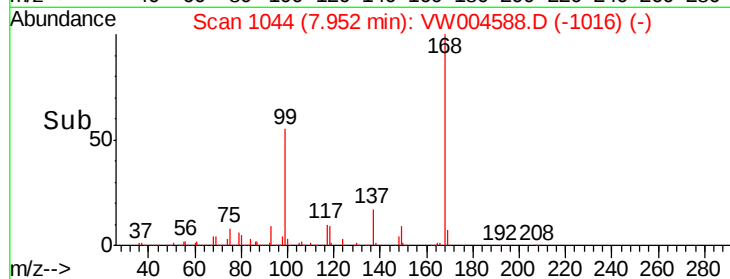
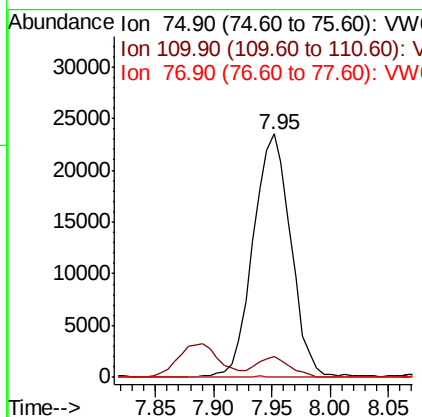
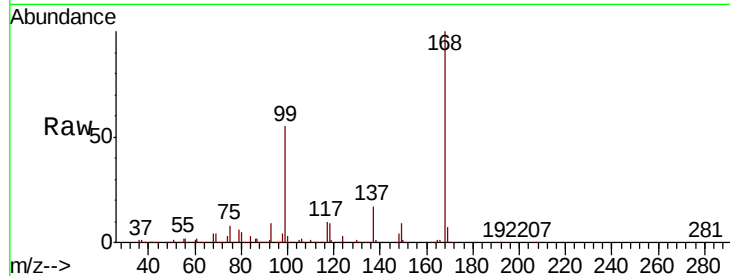




#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004588.D
 Acq: 10 Aug 2018 11:13

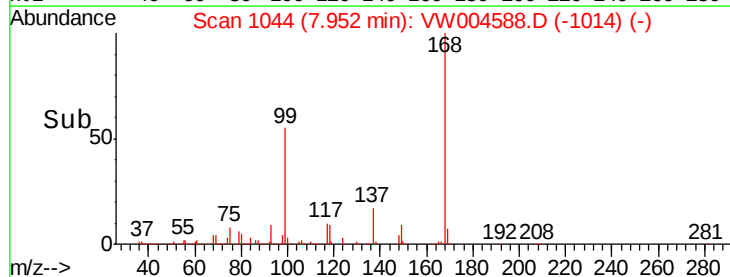
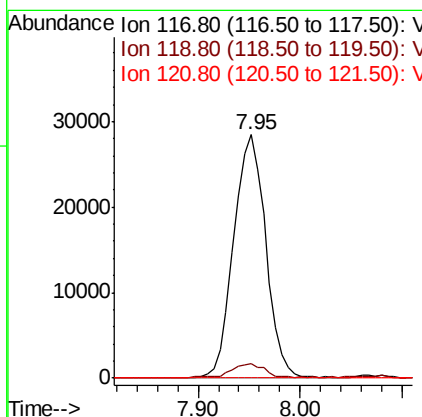
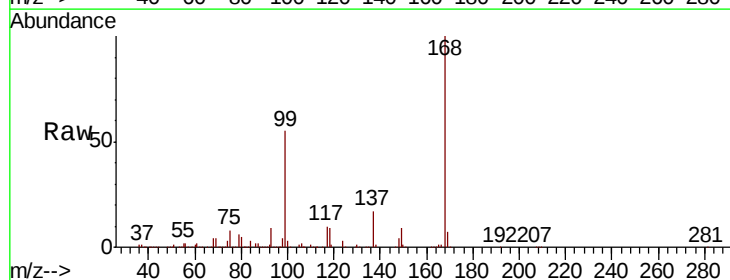
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBL01

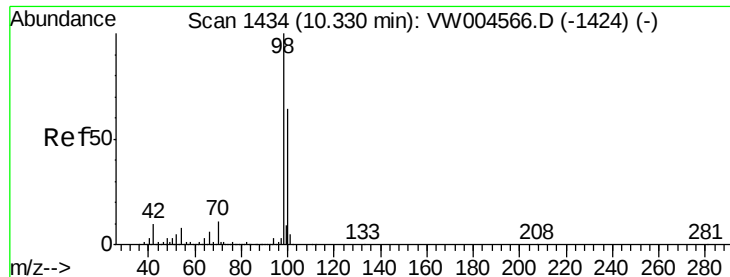
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.4	52.2#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.958 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004588.D
 Acq: 10 Aug 2018 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.1	114.1#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 47.353 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

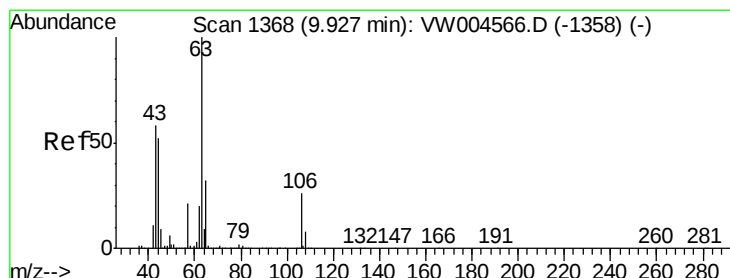
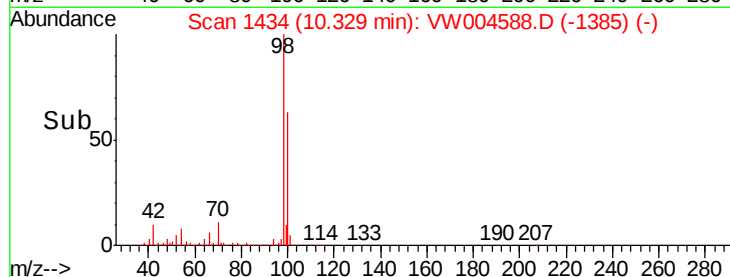
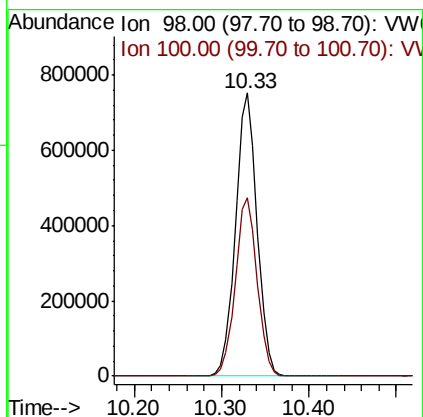
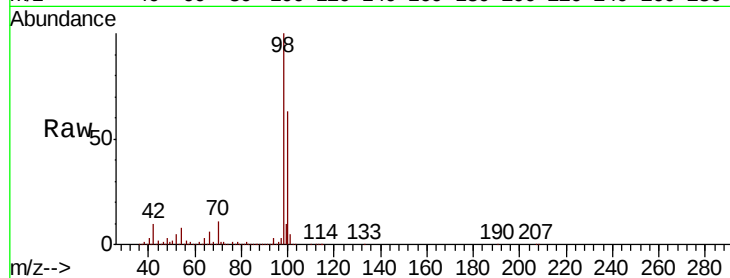
VW0813SBL01

Tgt Ion: 98 Resp: 1292428

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.145 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004588.D

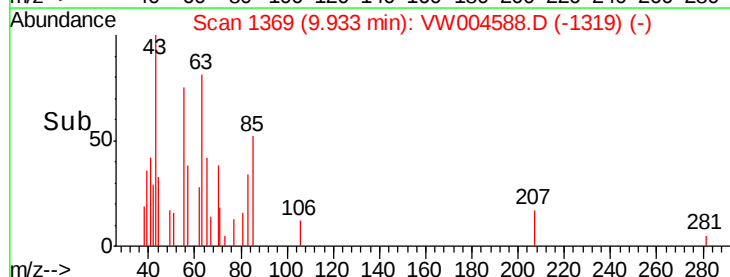
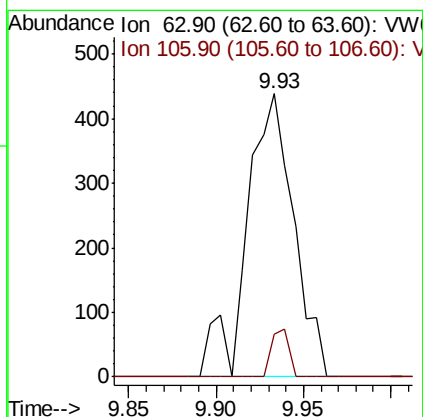
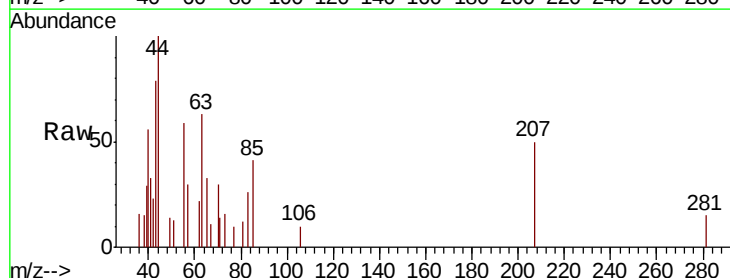
Acq: 10 Aug 2018 11:13

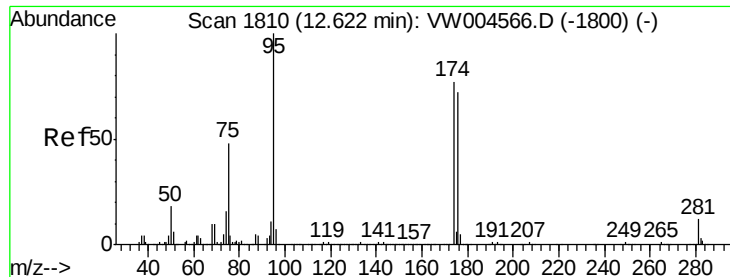
Tgt Ion: 63 Resp: 820

Ion Ratio Lower Upper

63 100

106 6.2 21.3 31.9#

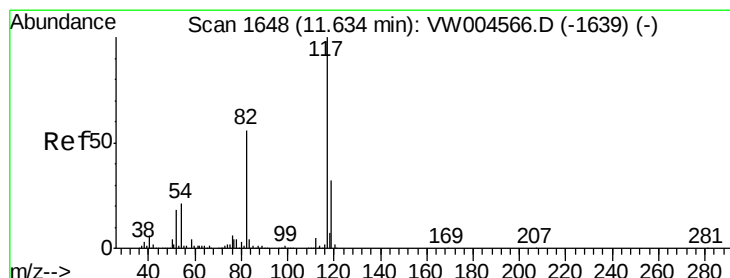
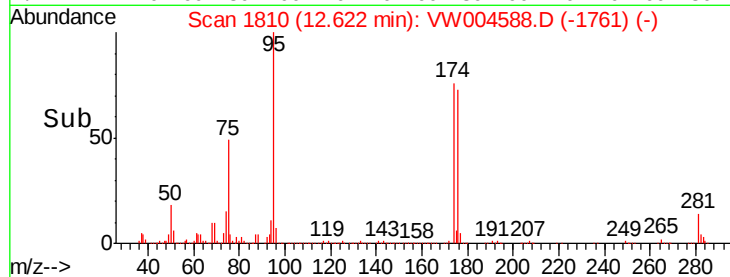
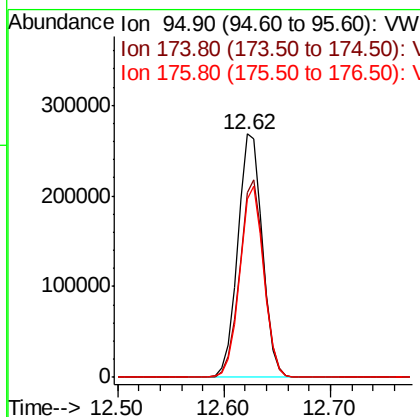
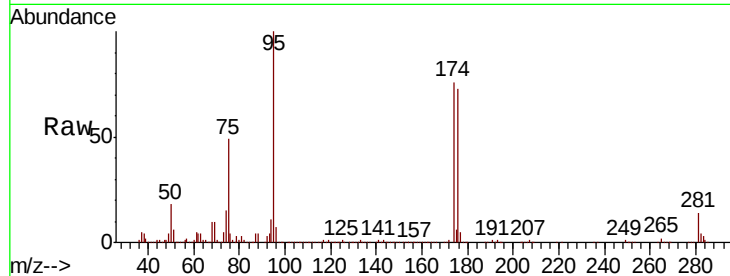




#62
4-Bromofluorobenzene
Concen: 44.143 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

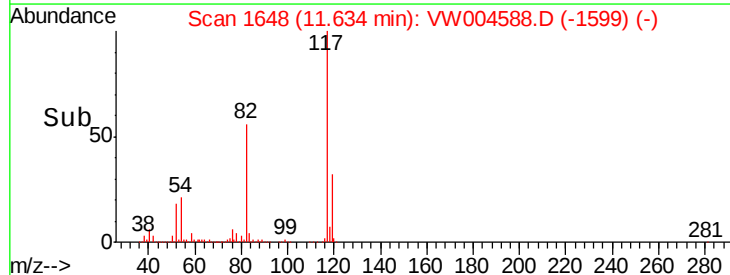
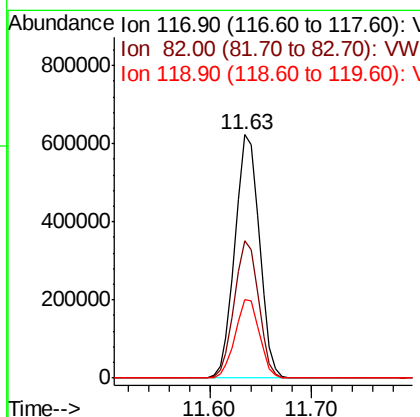
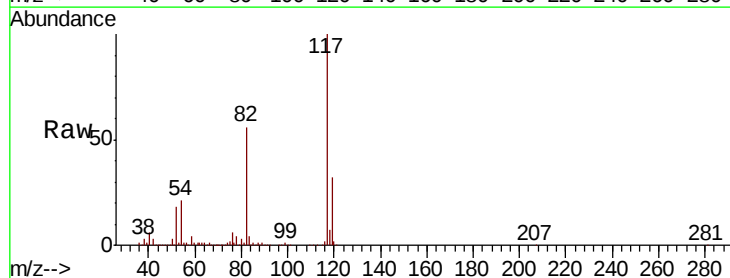
Instrument :
MSVOA_W
ClientSampleId :
VW0813SBL01

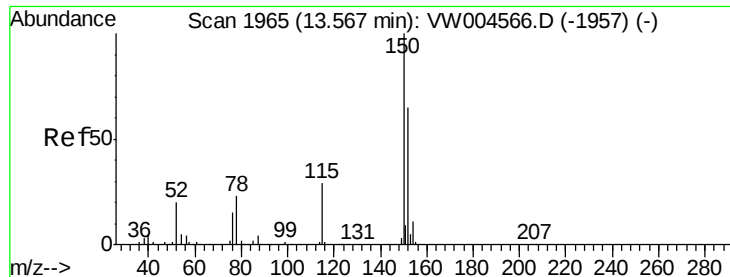
Tgt Ion: 95 Resp: 433994
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.4
176 76.8 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004588.D
Acq: 10 Aug 2018 11:13

Tgt Ion: 117 Resp: 1030998
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBL01

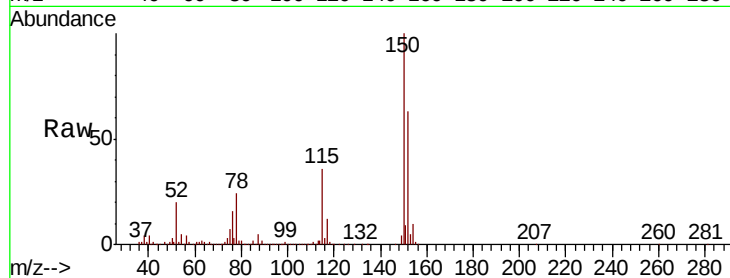
Tgt Ion:152 Resp: 494459

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

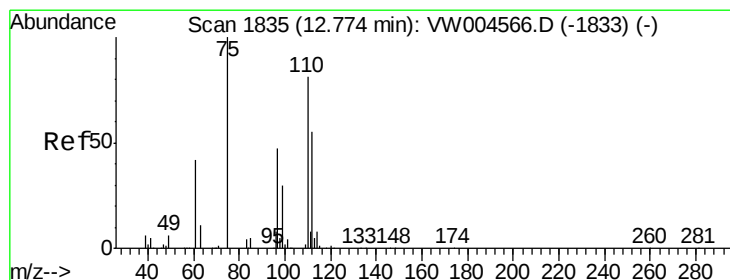
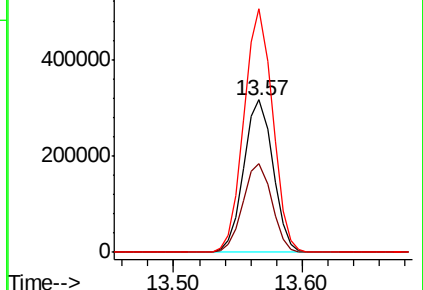
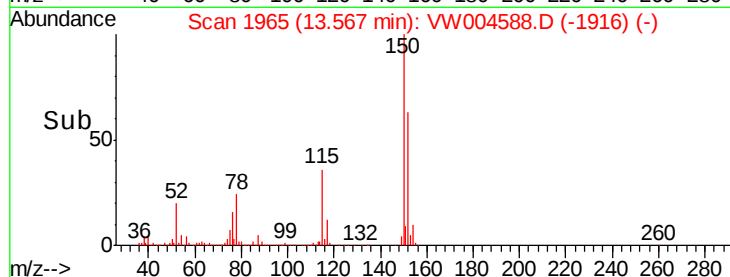
150 157.1 0.0 349.6



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: 40.686 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004588.D

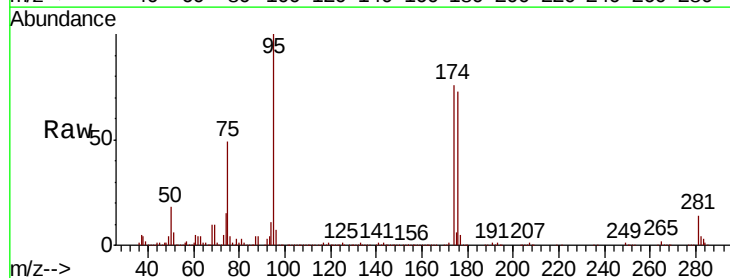
Acq: 10 Aug 2018 11:13

Tgt Ion: 75 Resp: 208174

Ion Ratio Lower Upper

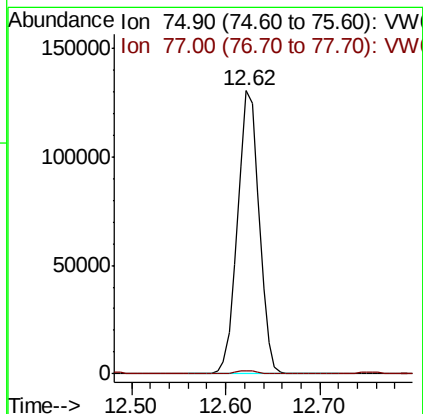
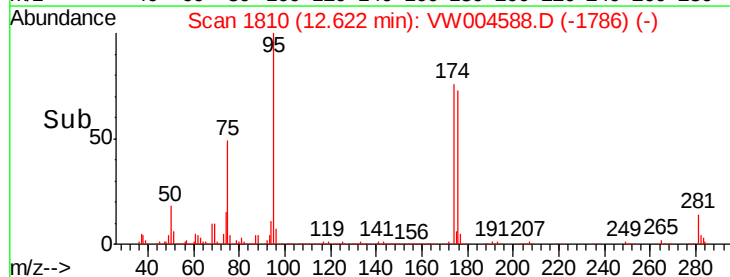
75 100

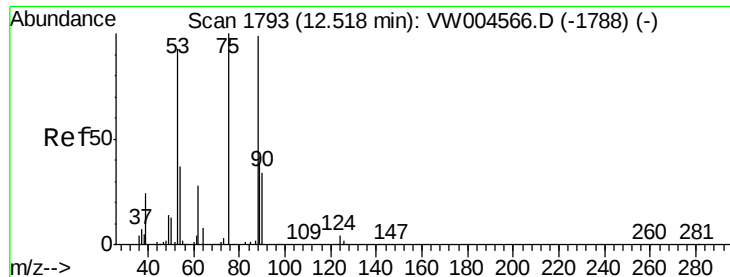
77 1.3 0.0 0.0#



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: 97.398 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBL01

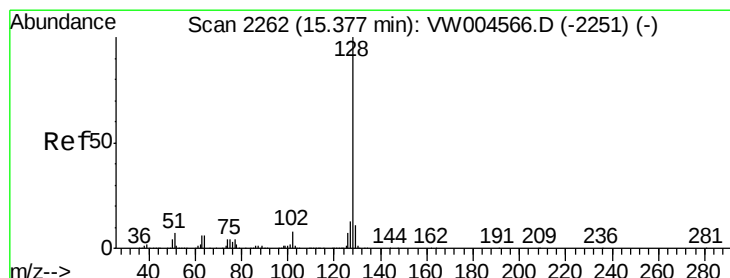
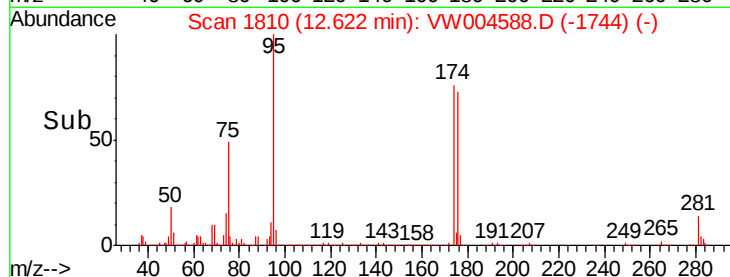
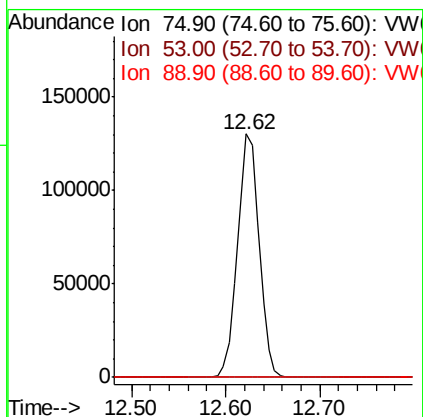
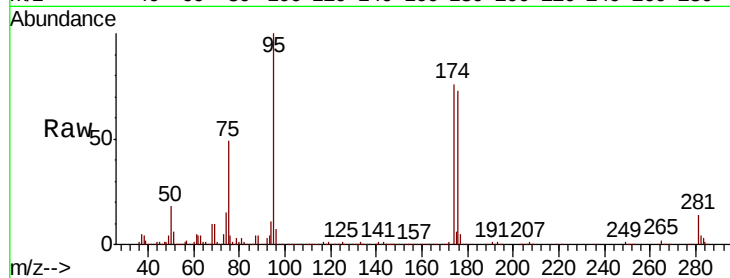
Tgt Ion: 75 Resp: 208174

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#



#95

Naphthalene

Concen: 3.098 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004588.D

Acq: 10 Aug 2018 11:13

Tgt Ion: 128 Resp: 4309

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 10.8 8.6 13.0

