

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072519\
 Data File : VW011466.D
 Acq On : 24 Jul 2019 11:22
 Operator : SY/VA
 Sample : K3928-01
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jul 24 12:07:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	165272	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	134223	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.32	98	521637	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	145763	37.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.24%	

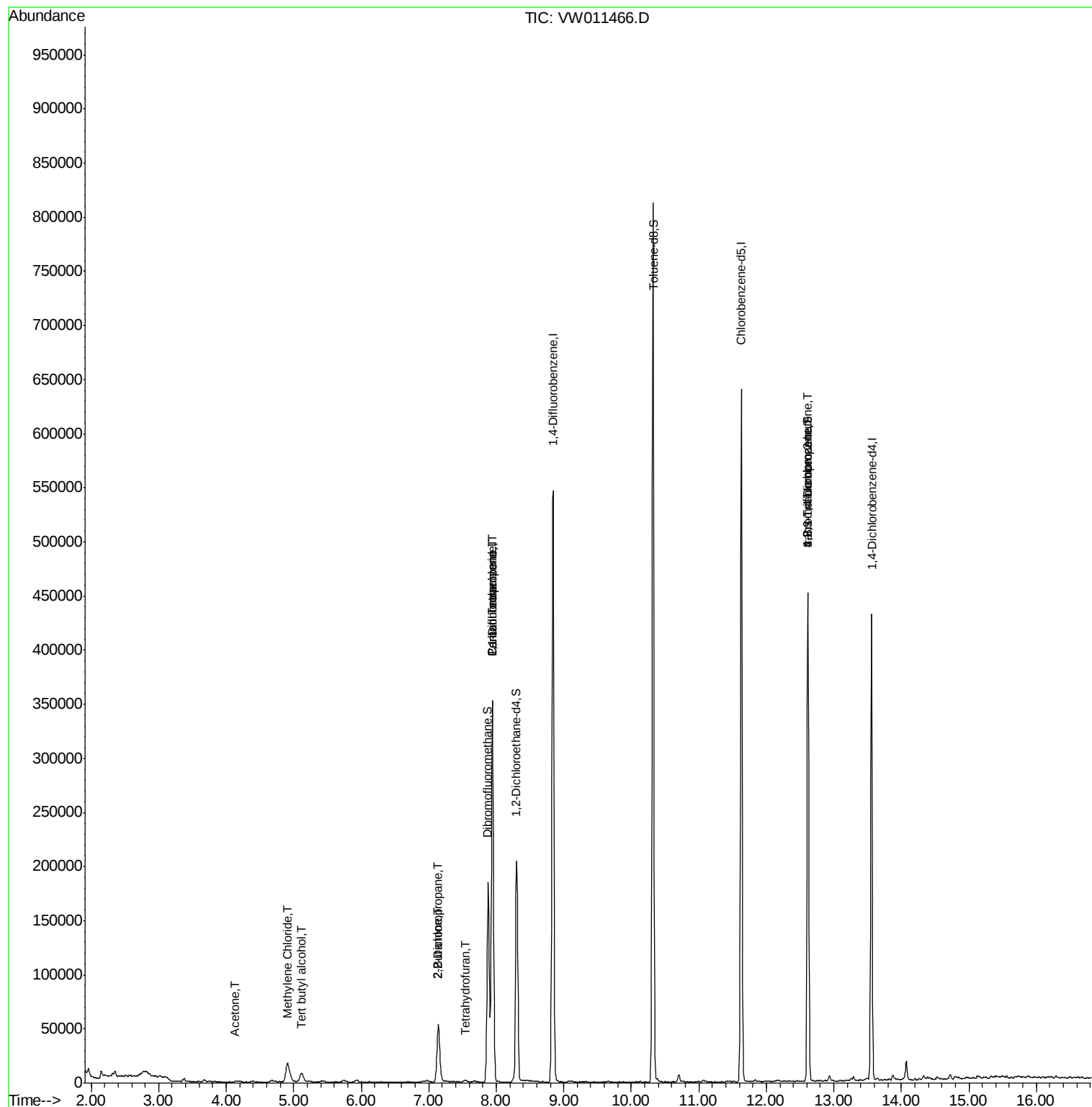
Target Compounds						Qvalue
11) Tert butyl alcohol	5.12	59	8951	35.934	ug/l #	72
16) Acetone	4.14	43	2116	2.614	ug/l	93
20) Methylene Chloride	4.90	84	13387	4.192	ug/l #	92
25) 2-Butanone	7.13	43	3694	2.907	ug/l #	74
26) 2,2-Dichloropropane	7.14	77	3783	1.188	ug/l #	53
29) Tetrahydrofuran	7.54	42	1704	2.045	ug/l	93
36) 1,1-Dichloropropene	7.95	75	22750	4.804	ug/l #	51
38) Carbon Tetrachloride	7.95	117	27041	6.736	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	75802	60.236	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75802	136.243	ug/l #	6

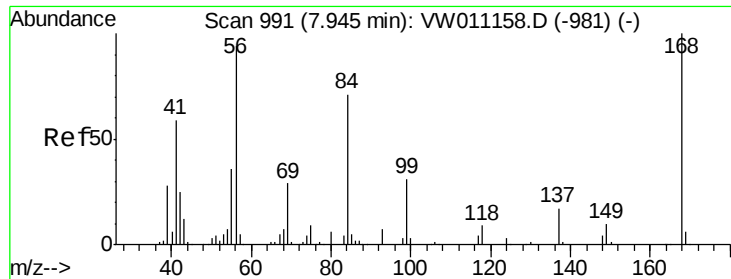
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072519\
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QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

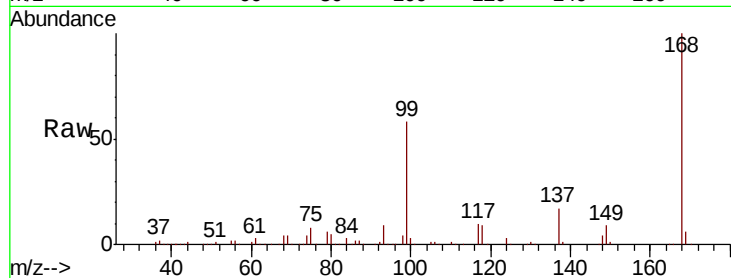
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 168 Resp: 267757

Ion Ratio Lower Upper

168 100

99 58.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

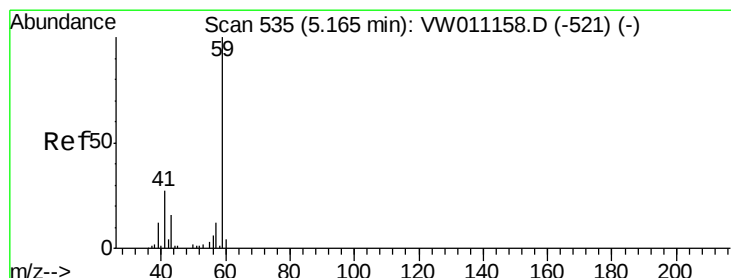
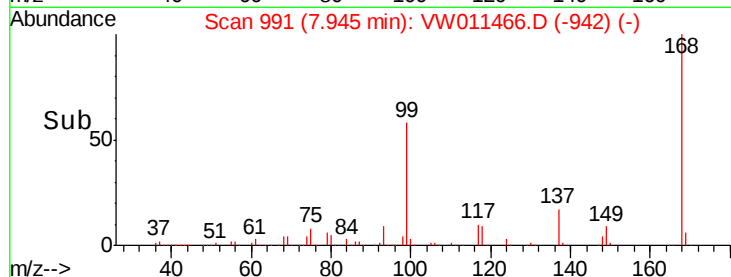
100000

50000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 35.934 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011466.D

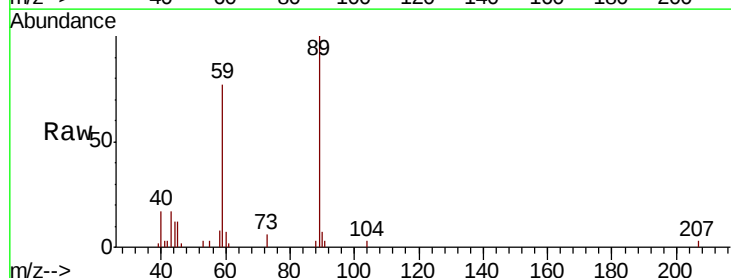
Acq: 24 Jul 2019 11:22

Tgt Ion: 59 Resp: 8951

Ion Ratio Lower Upper

59 100

57 0.5 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2500

2000

1500

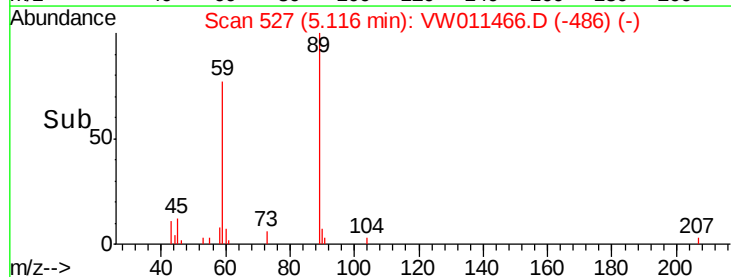
1000

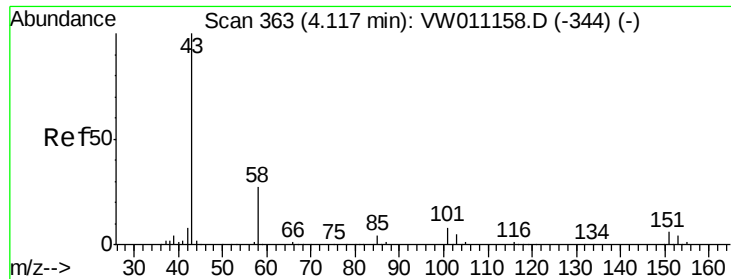
500

0

Time-->

5.00 5.10 5.20

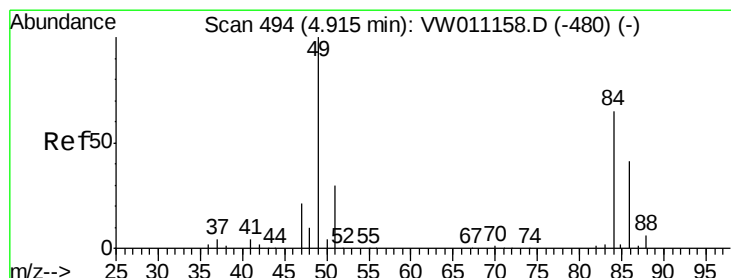
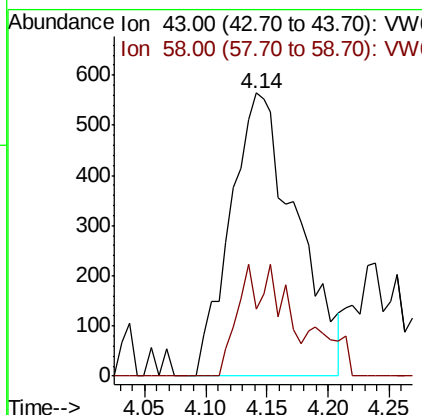
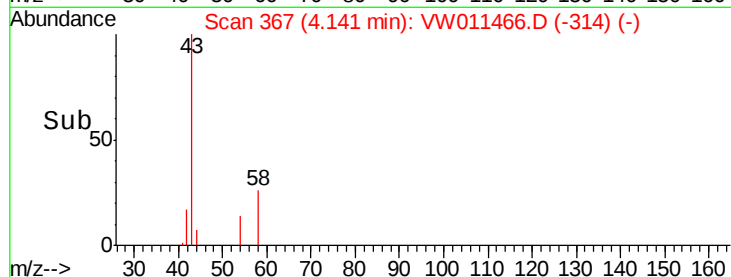
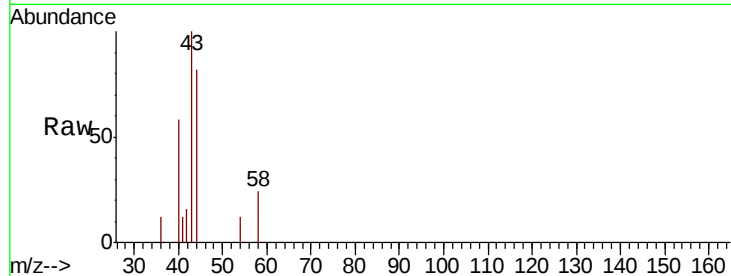




#16
Acetone
Concen: 2.614 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW011466.D
Acq: 24 Jul 2019 11:22

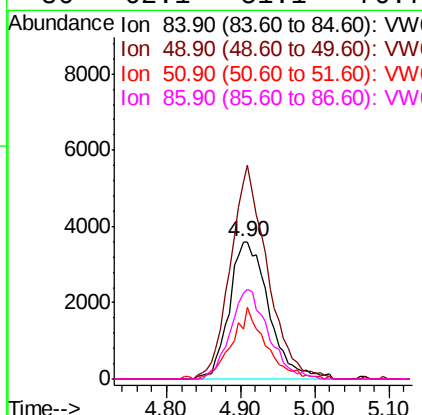
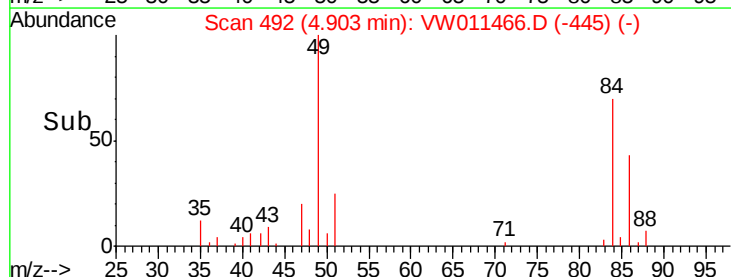
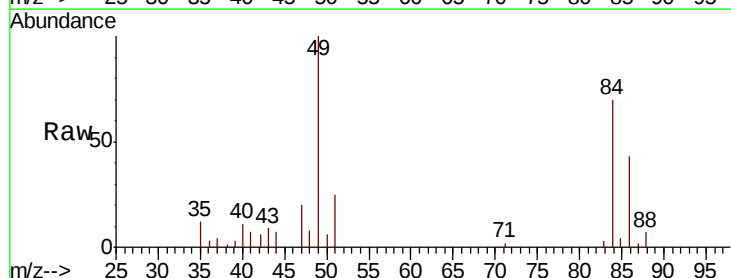
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

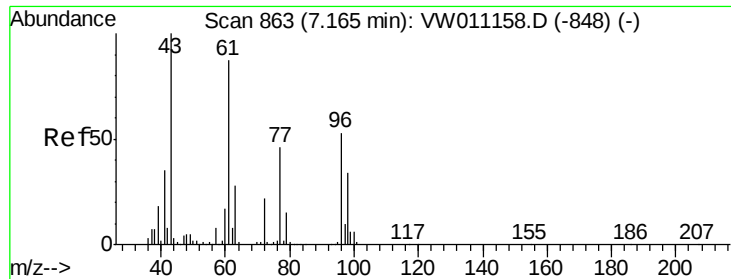
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 23.8 21.8 32.6



#20
Methylene Chloride
Concen: 4.192 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW011466.D
Acq: 24 Jul 2019 11:22

Tgt Ion: 84 Resp: 13387
Ion Ratio Lower Upper
84 100
49 143.7 123.8 185.6
51 36.6 37.4 56.2#
86 62.1 51.1 76.7





#25

2-Butanone

Concen: 2.907 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

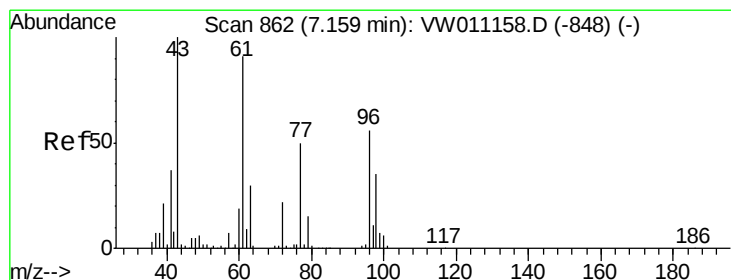
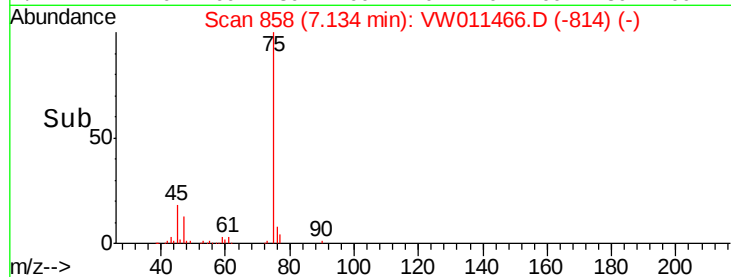
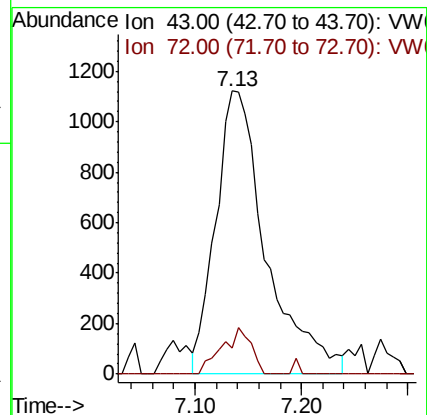
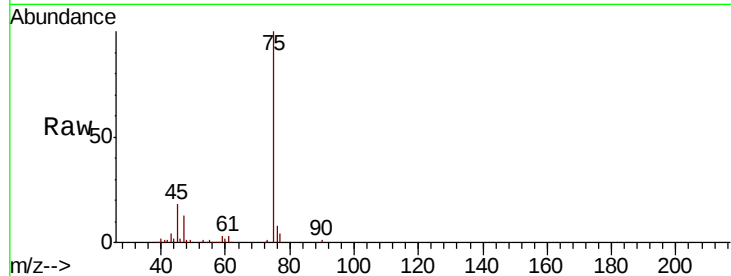
ROLL-OFF-COMP

Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

72 9.6 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.188 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011466.D

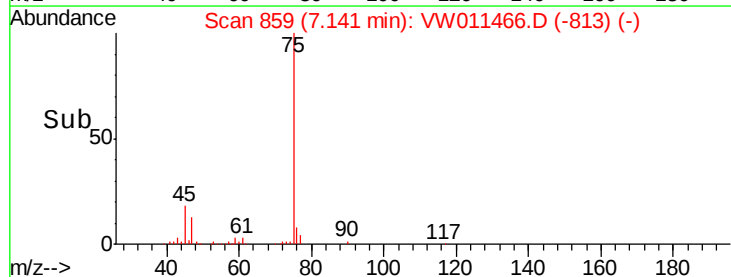
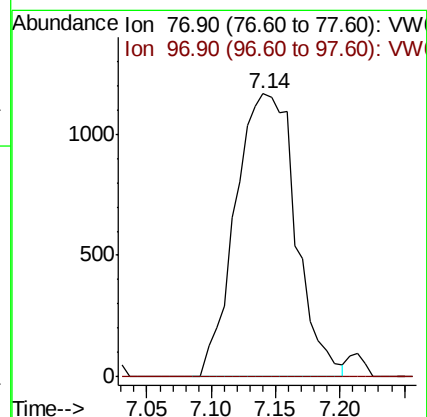
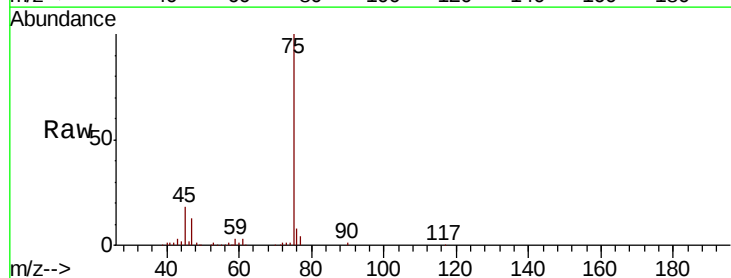
Acq: 24 Jul 2019 11:22

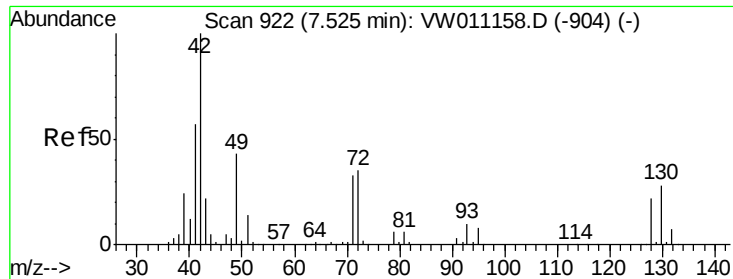
Tgt Ion: 77 Resp: 3783

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#29

Tetrahydrofuran

Concen: 2.045 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-COMP

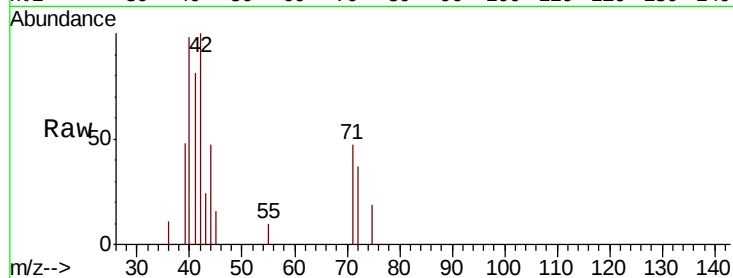
Tgt Ion: 42 Resp: 1704

Ion Ratio Lower Upper

42 100

72 28.1 27.4 41.2

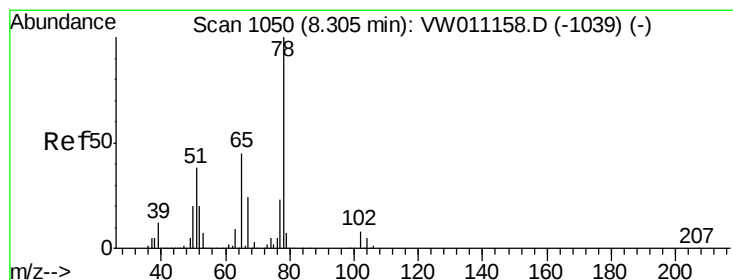
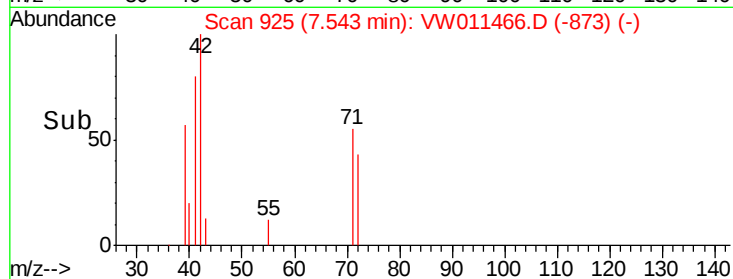
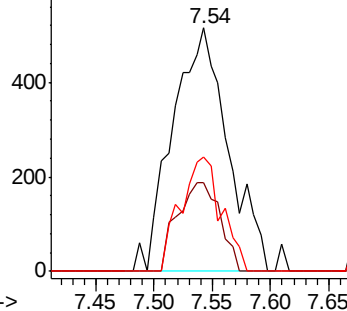
71 34.6 25.9 38.9



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



#33

1,2-Dichloroethane-d4

Concen: 49.123 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011466.D

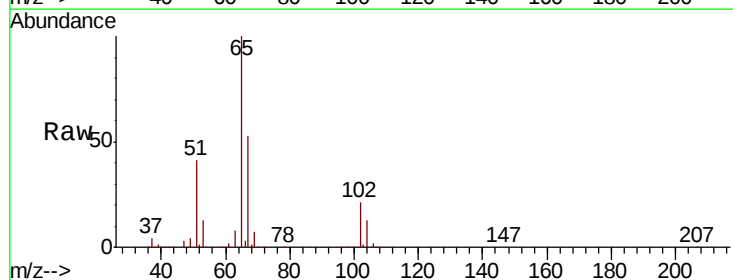
Acq: 24 Jul 2019 11:22

Tgt Ion: 65 Resp: 165272

Ion Ratio Lower Upper

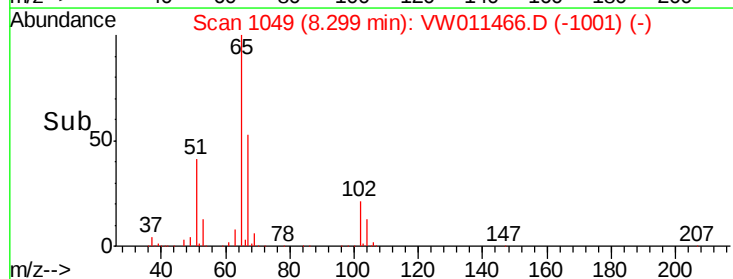
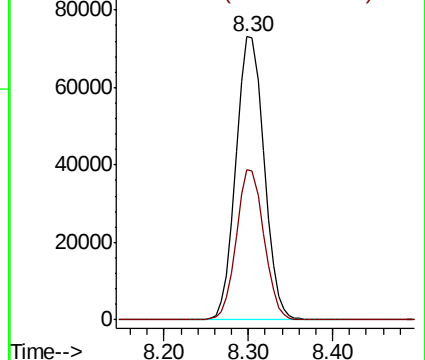
65 100

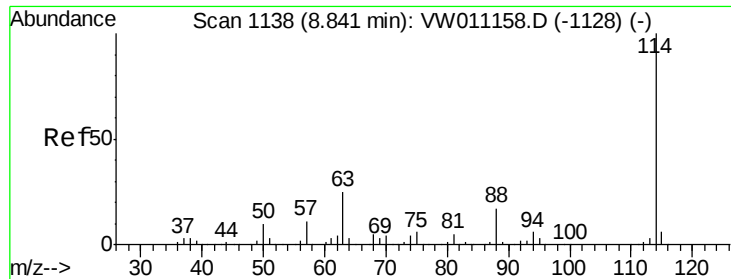
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

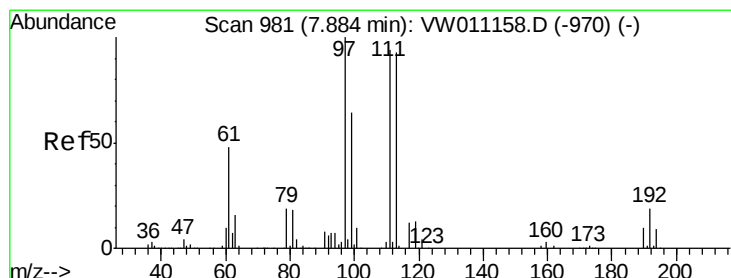
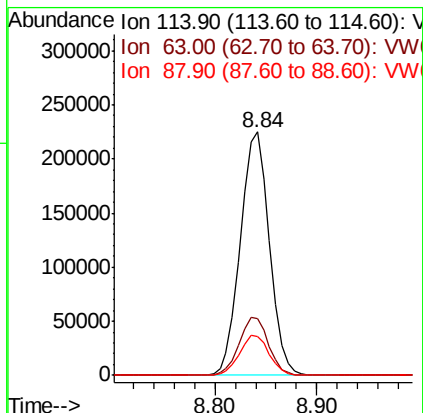
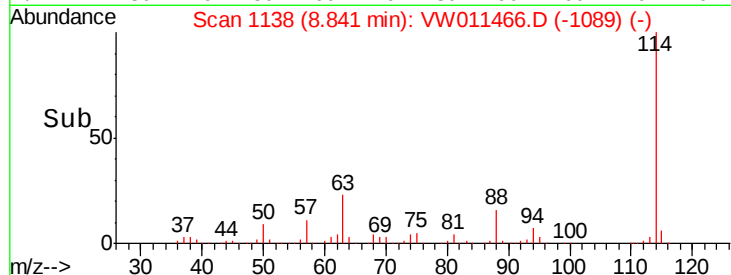
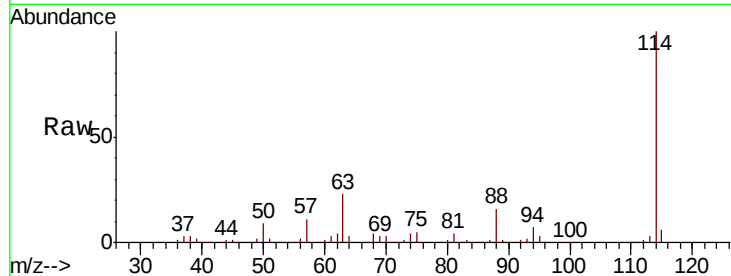




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

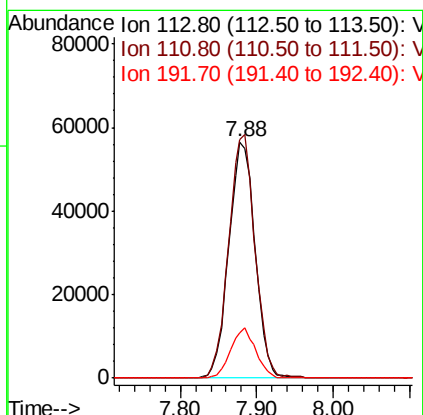
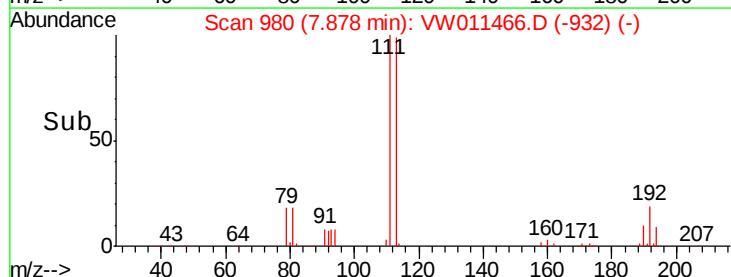
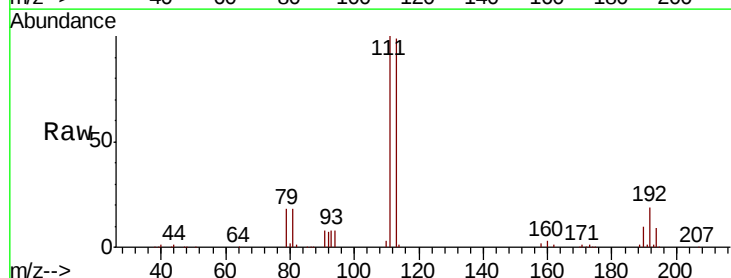
Instrument :
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 ROLL-OFF-COMP

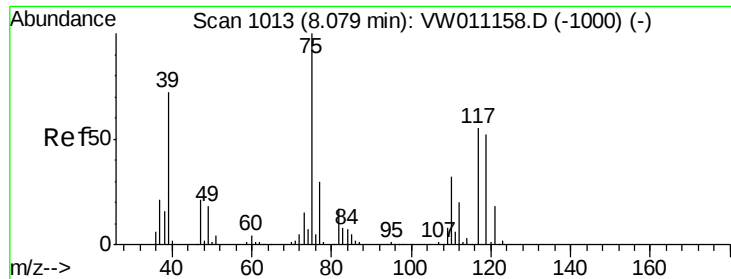
Tgt Ion:114 Resp: 444672
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 50.8
 88 16.2 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 50.642 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Tgt Ion:113 Resp: 134223
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 20.3 15.8 23.8

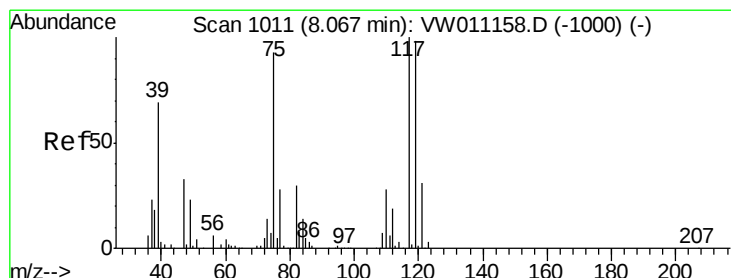
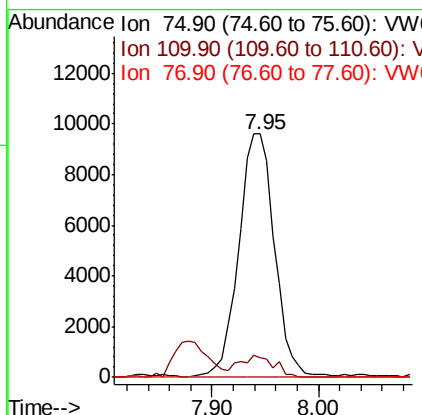
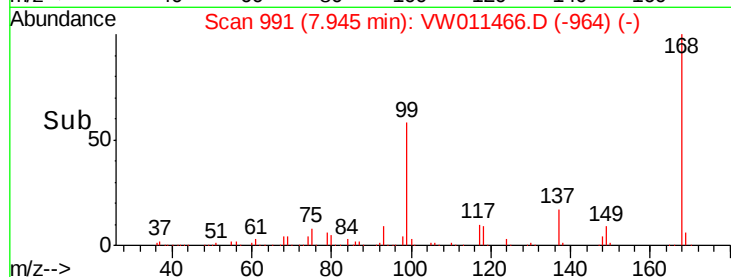
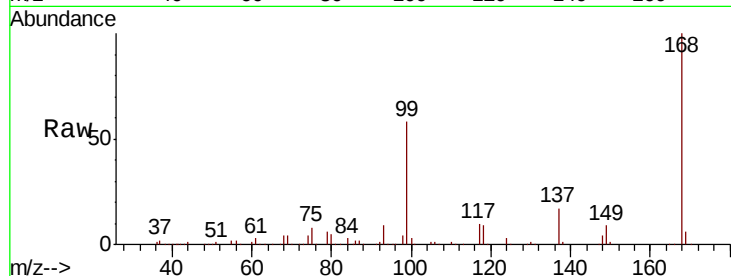




#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

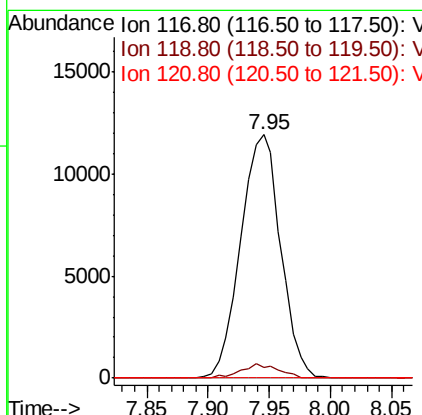
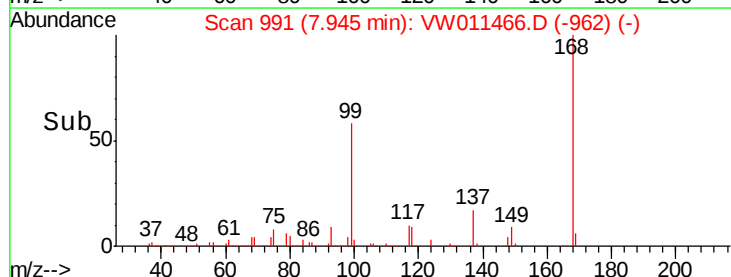
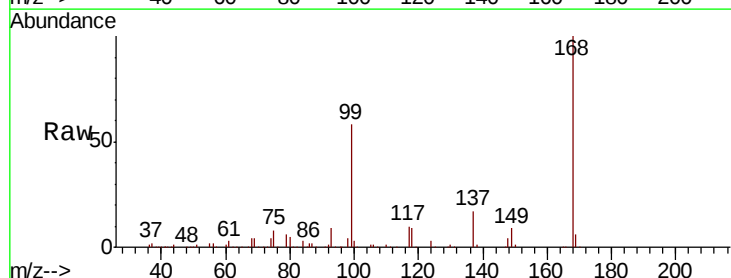
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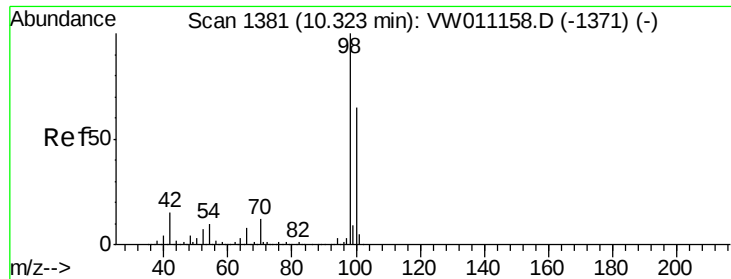
Tgt Ion: 75 Resp: 22750
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.9 47.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.736 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Tgt Ion: 117 Resp: 27041
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.1 117.1#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 48.690 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

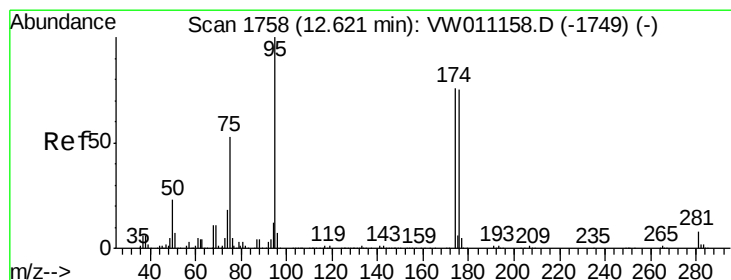
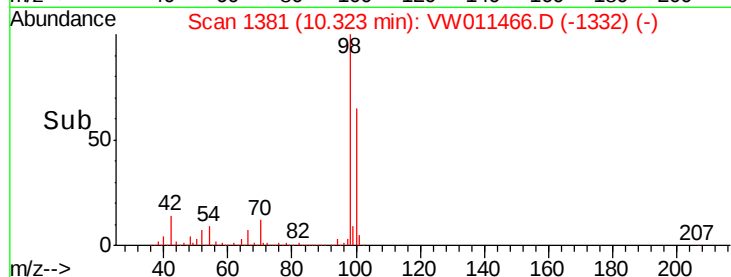
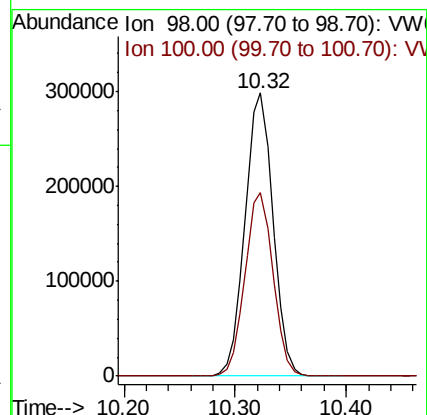
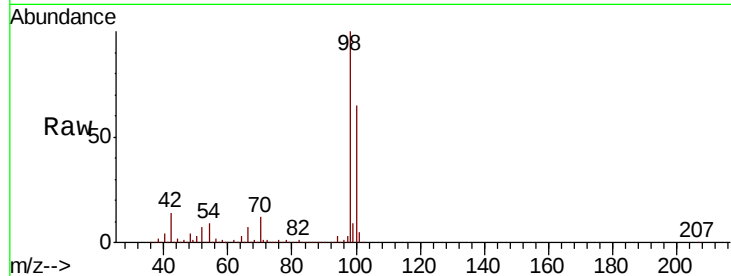
ROLL-OFF-COMP

Tgt Ion: 98 Resp: 521637

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.119 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011466.D

Acq: 24 Jul 2019 11:22

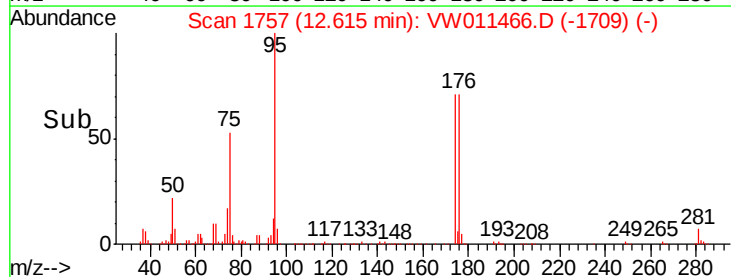
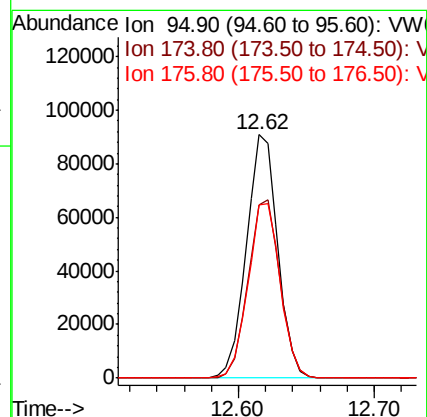
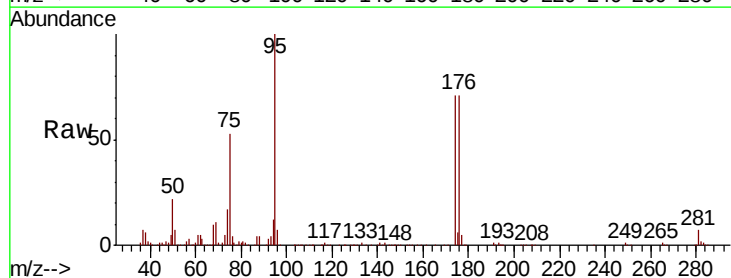
Tgt Ion: 95 Resp: 145763

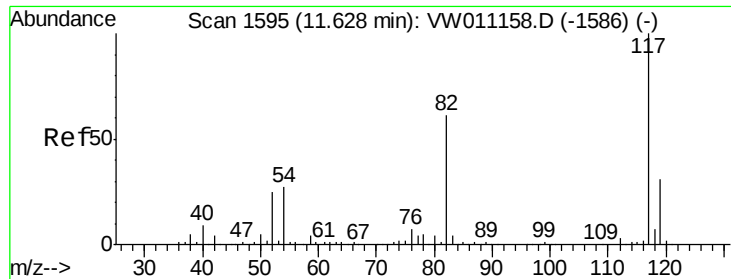
Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.6

176 74.2 0.0 144.6

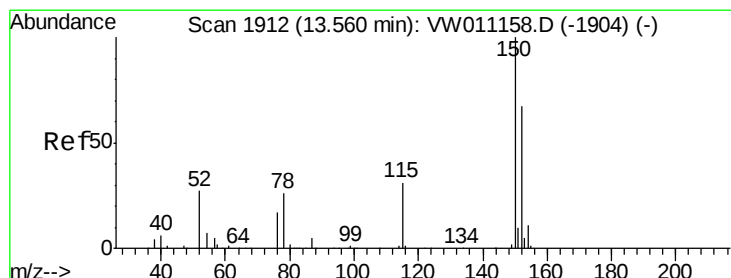
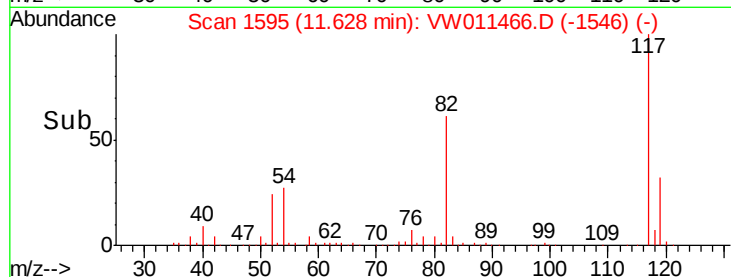
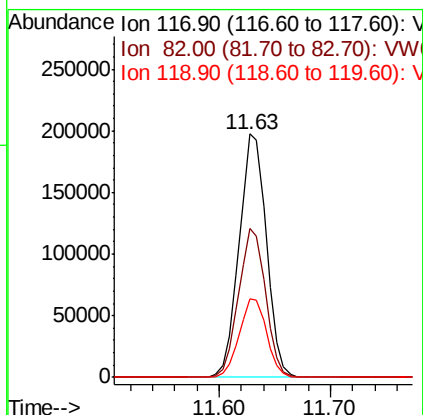
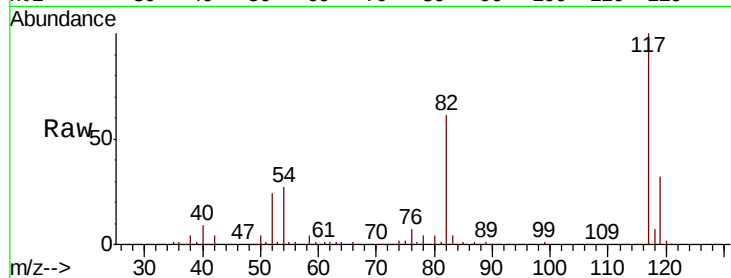




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW011466.D
Acq: 24 Jul 2019 11:22

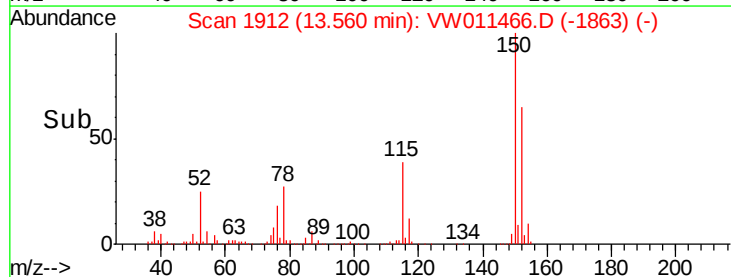
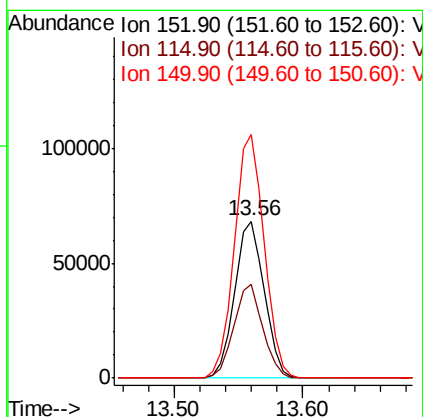
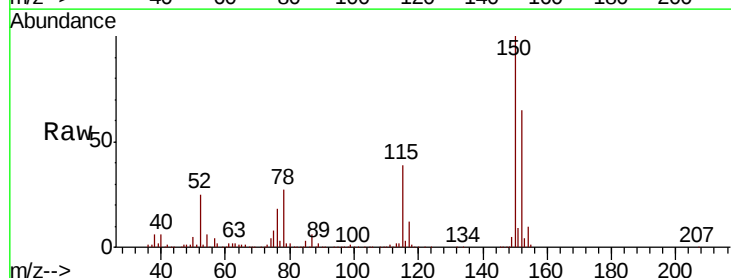
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

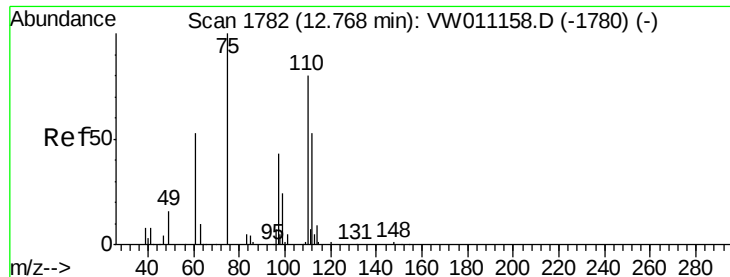
Tgt Ion:117 Resp: 335198
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 32.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011466.D
Acq: 24 Jul 2019 11:22

Tgt Ion:152 Resp: 108894
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.3
150 156.3 0.0 346.0

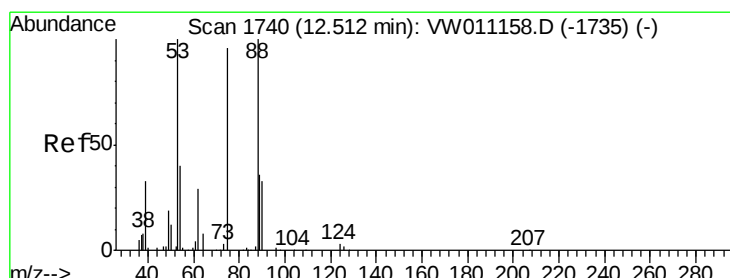
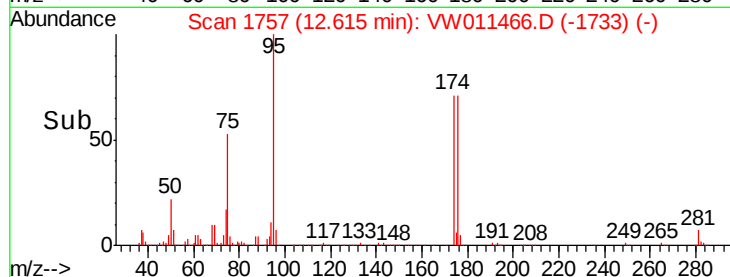
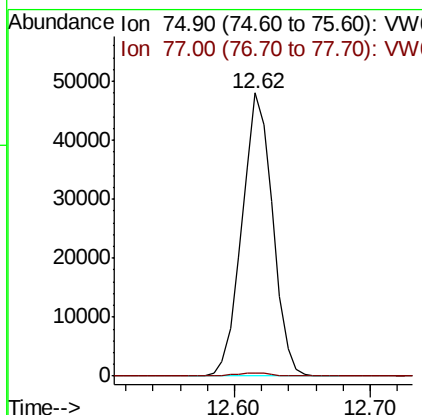
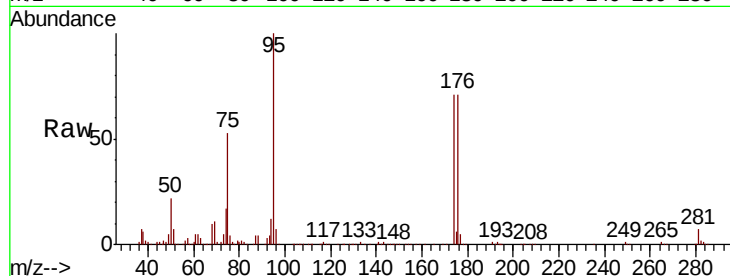




#76
 1,2,3-Trichloropropane
 Concen: 60.236 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion: 75 Resp: 75802
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.243 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011466.D
 Acq: 24 Jul 2019 11:22

Tgt Ion: 75 Resp: 75802
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.8 134.6#
 89 0.0 34.3 51.5#

