

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004612.D
 Acq On : 10 Aug 2018 21:41
 Operator : SY/AP
 Sample : J4282-03
 Misc : 6.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-080918-B

Quant Time: Aug 11 01:03:10 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	672391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1168561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	991467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	344515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	384891	51.71	ug/l	0.00
Spiked Amount						
			Recovery	=	103.42%	
35) Dibromofluoromethane	7.88	113	356206	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	
50) Toluene-d8	10.33	98	1222195	41.15	ug/l	0.00
Spiked Amount						
			Recovery	=	82.30%	
62) 4-Bromofluorobenzene	12.62	95	330506	30.89	ug/l	0.00
Spiked Amount						
			Recovery	=	61.78%	

Target Compounds

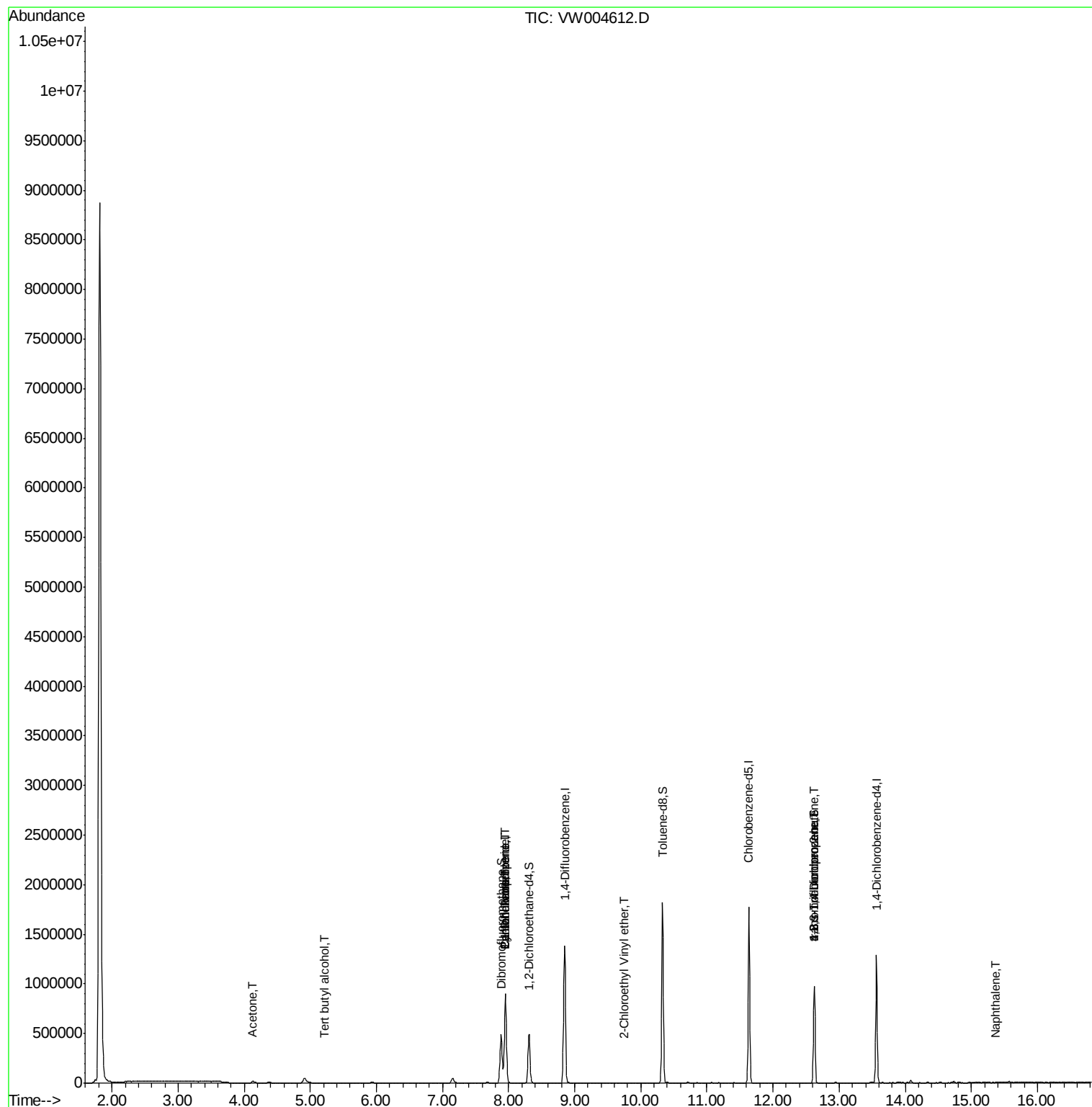
					Qvalue	
11) Tert butyl alcohol	5.21	59	731	1.677	ug/l #	70
16) Acetone	4.13	43	25191	13.552	ug/l #	87
20) Methylene Chloride	4.92	84	42556	Below Cal		98
31) Cyclohexane	7.95	56	14215	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	54406	4.324	ug/l #	49
38) Carbon Tetrachloride	7.95	117	64668	5.712	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.74	63	20	8.949	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	161111	45.193	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	161111	108.186	ug/l #	12
95) Naphthalene	15.38	128	1081	2.981	ug/l #	82

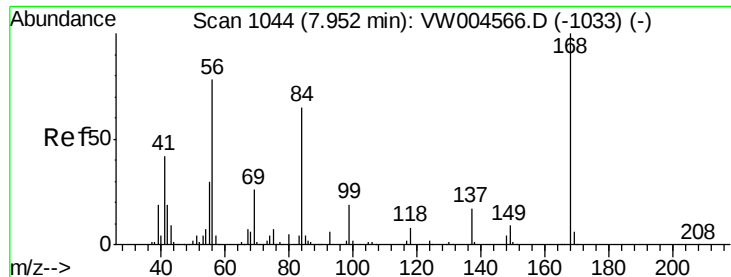
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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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: VW004612.D

Acq: 10 Aug 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

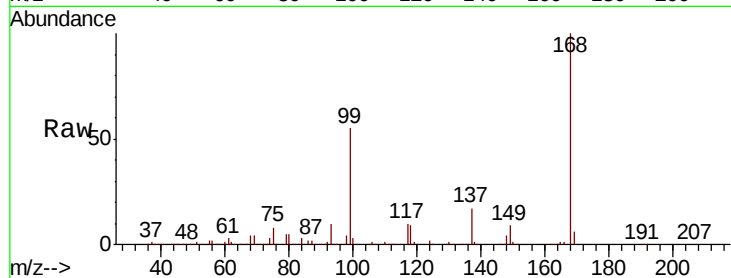
SU-02-080918-B

Tgt Ion:168 Resp: 672391

Ion Ratio Lower Upper

168 100

99 54.8 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

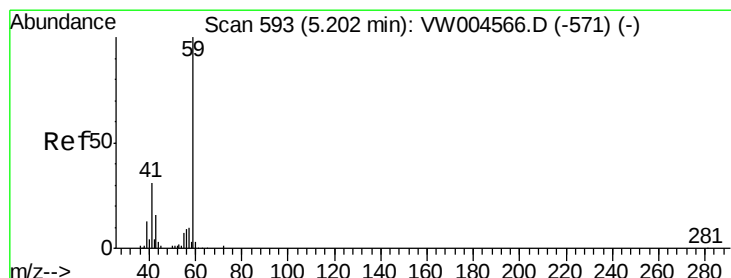
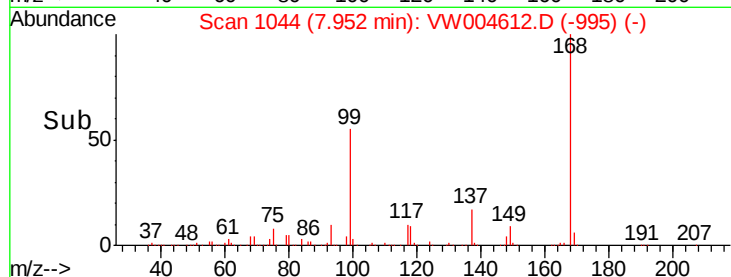
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.677 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004612.D

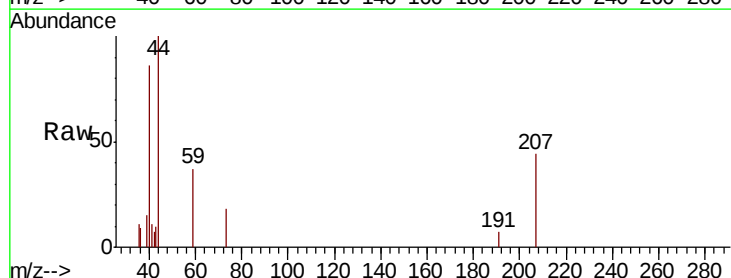
Acq: 10 Aug 2018 21:41

Tgt Ion: 59 Resp: 731

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

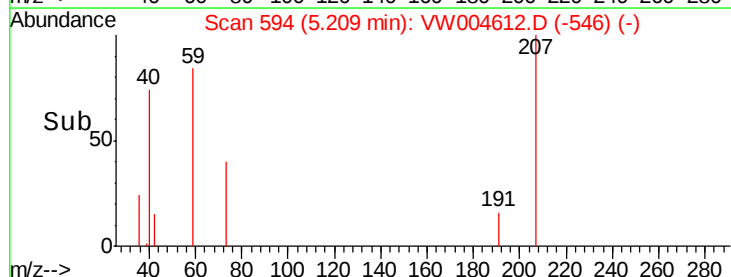
300

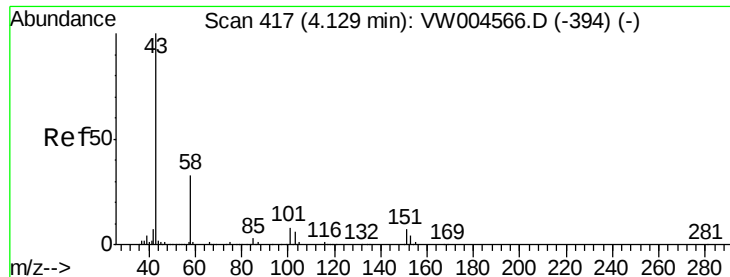
200

100

0

Time-->

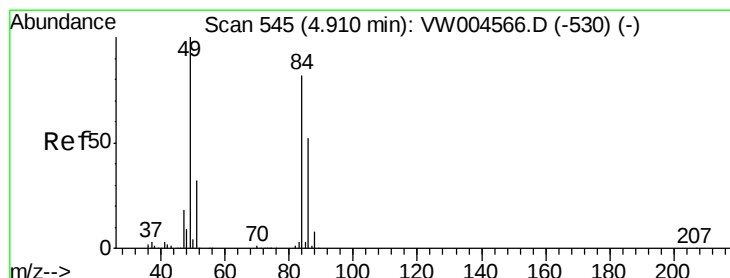
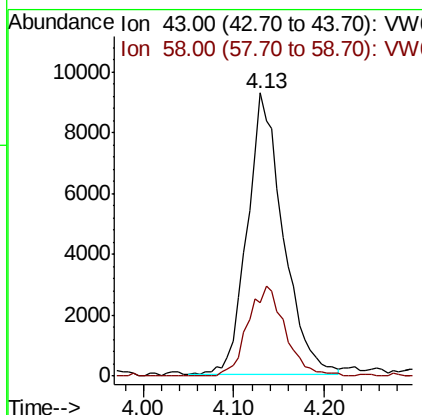
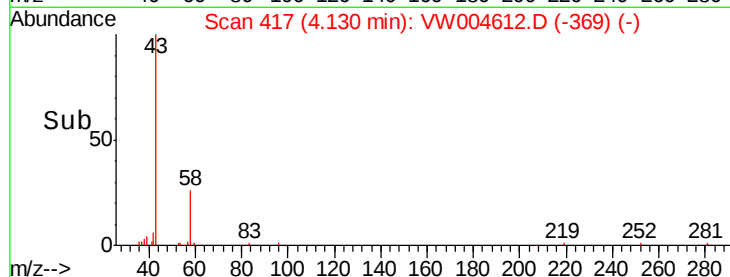
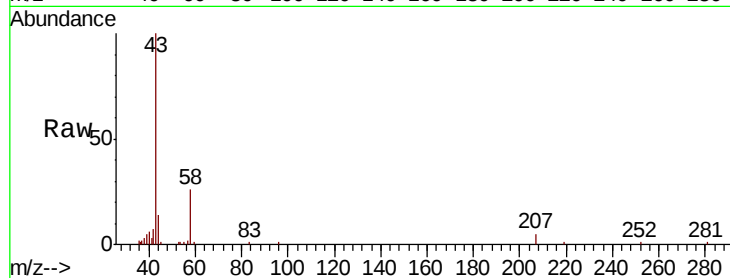




#16
Acetone
Concen: 13.552 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

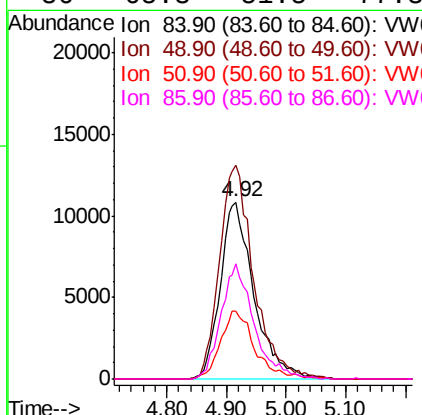
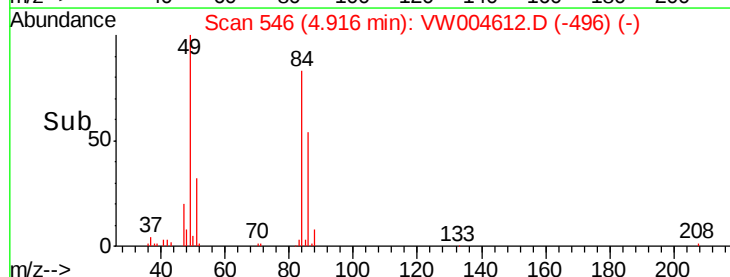
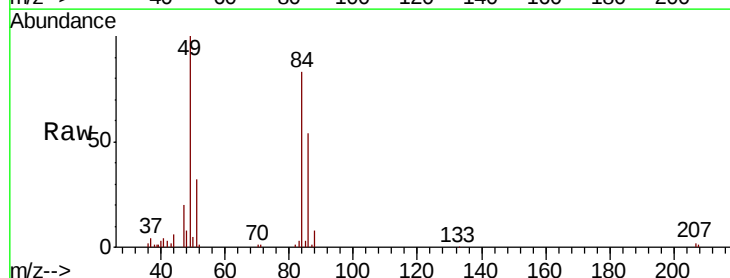
Instrument :
MSVOA_W
ClientSampleId :
SU-02-080918-B

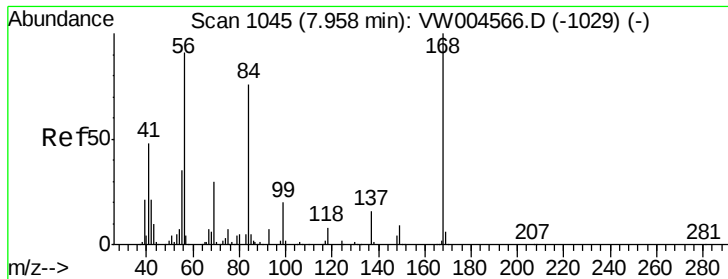
Tgt Ion: 43 Resp: 25191
Ion Ratio Lower Upper
43 100
58 26.2 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

Tgt Ion: 84 Resp: 42556
Ion Ratio Lower Upper
84 100
49 120.5 99.6 149.4
51 38.3 31.0 46.4
86 65.3 51.5 77.3

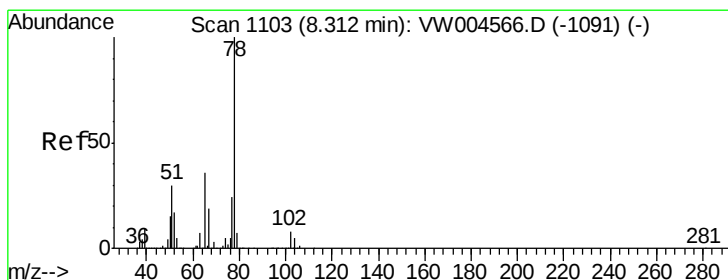
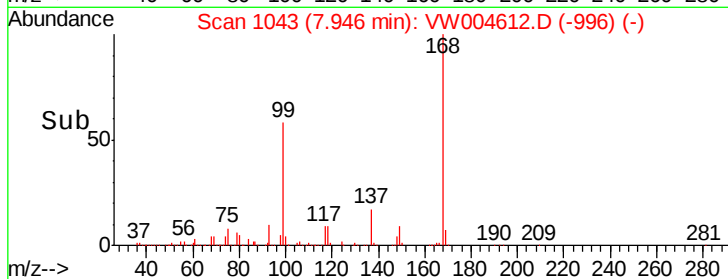
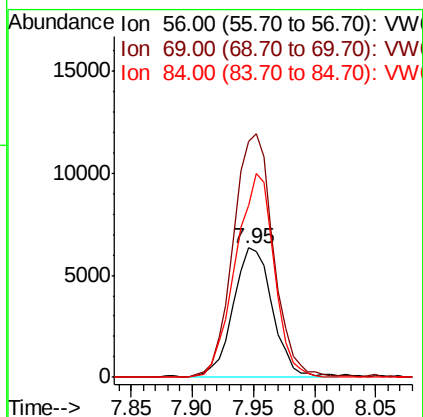
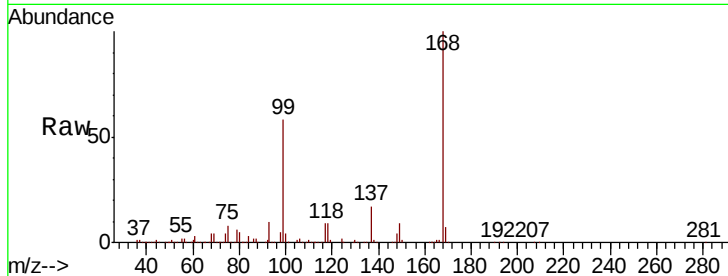




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

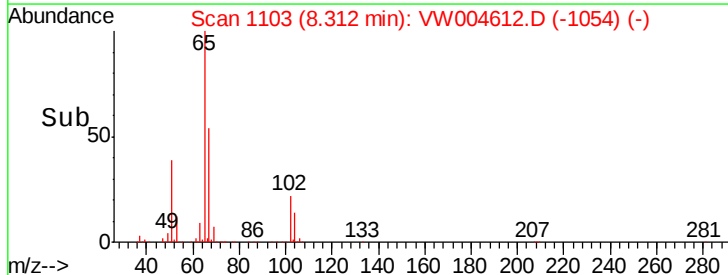
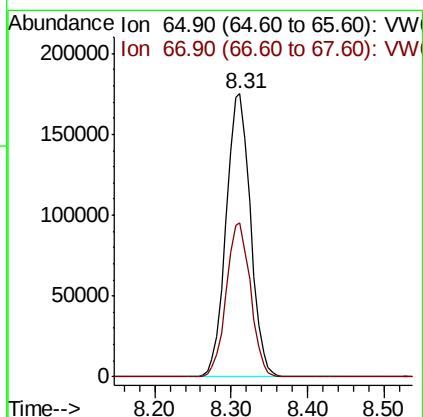
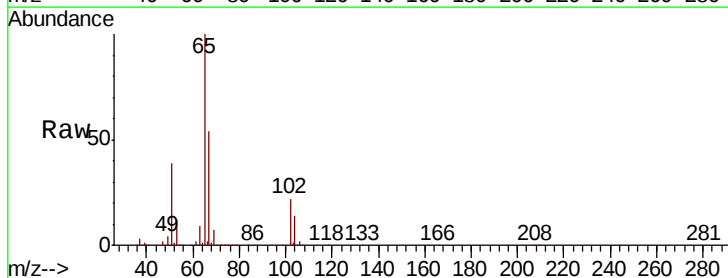
Instrument :
MSVOA_W
ClientSampleId :
SU-02-080918-B

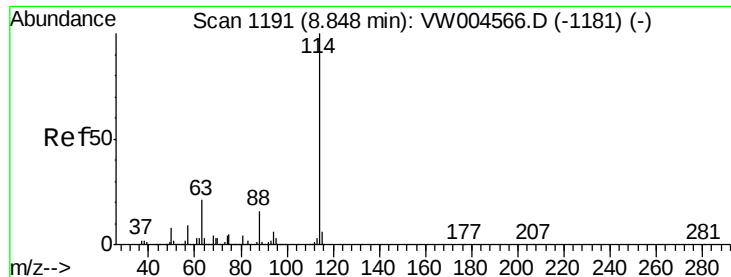
Tgt Ion: 56 Resp: 14215
Ion Ratio Lower Upper
56 100
69 182.1 26.4 39.6#
84 133.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.711 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

Tgt Ion: 65 Resp: 384891
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

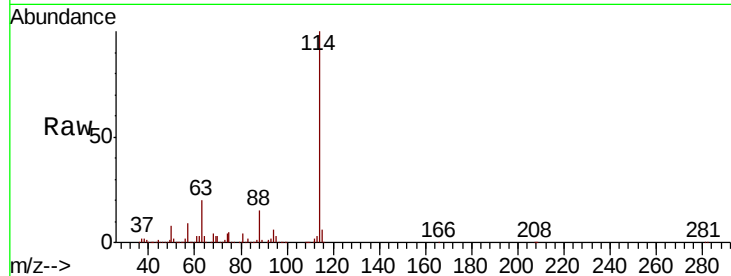




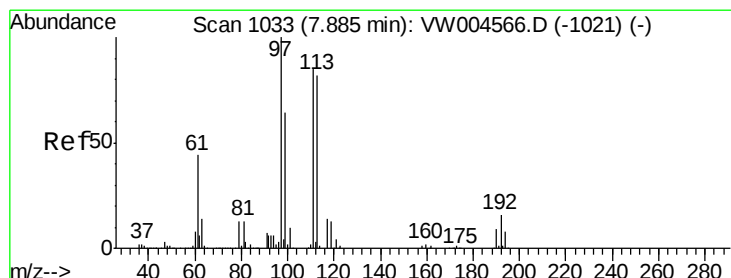
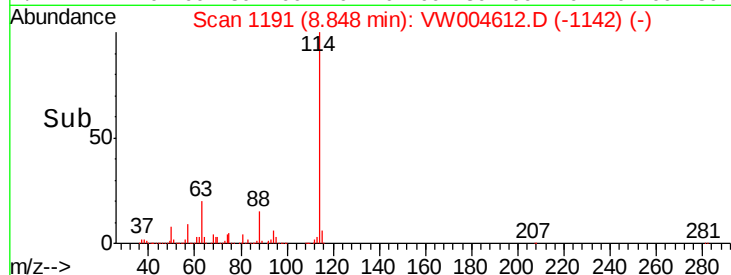
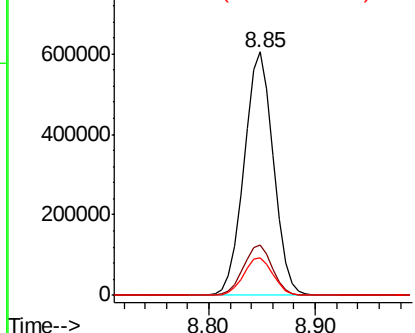
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004612.D
 Acq: 10 Aug 2018 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-080918-B

Tgt Ion:114 Resp: 1168561
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.3 0.0 31.2

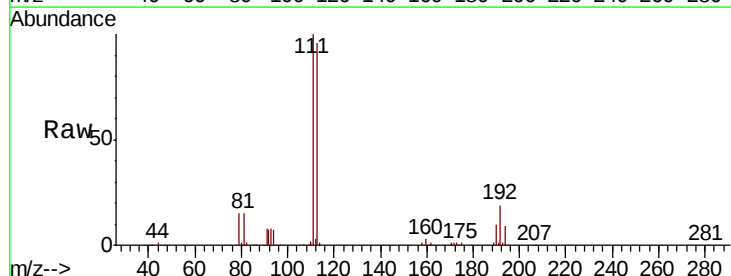


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

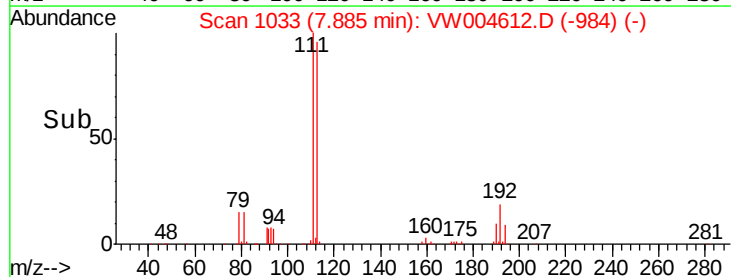
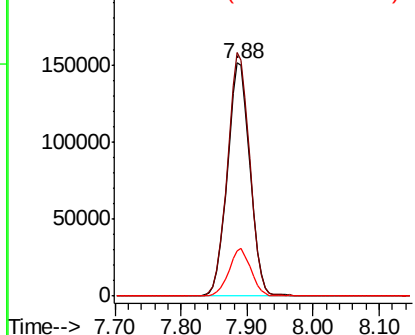


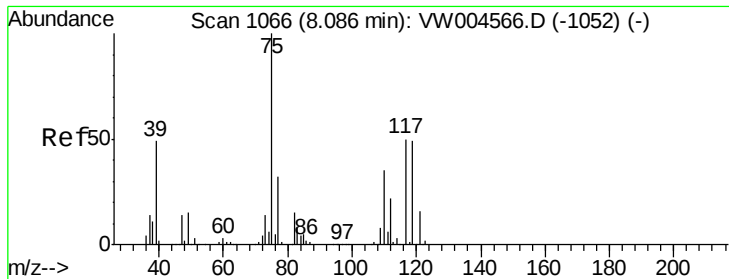
#35
 Dibromofluoromethane
 Concen: 45.717 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004612.D
 Acq: 10 Aug 2018 21:41

Tgt Ion:113 Resp: 356206
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 20.0 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

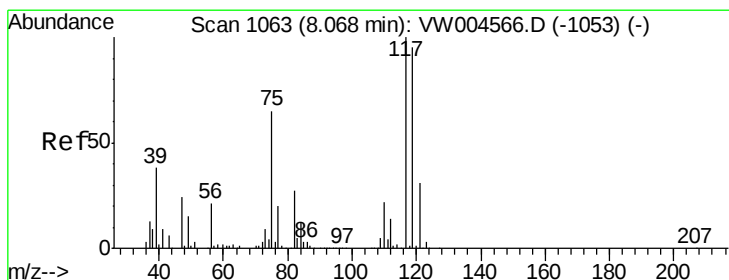
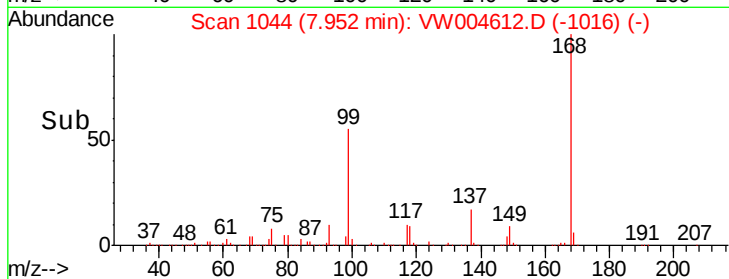
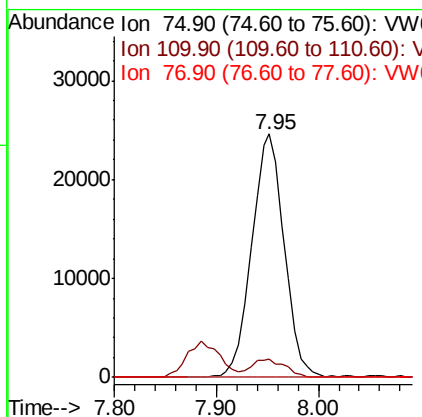
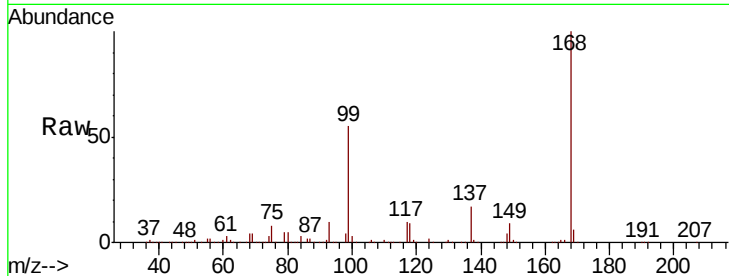




#36
 1,1-Dichloropropene
 Concen: 4.324 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004612.D
 Acq: 10 Aug 2018 21:41

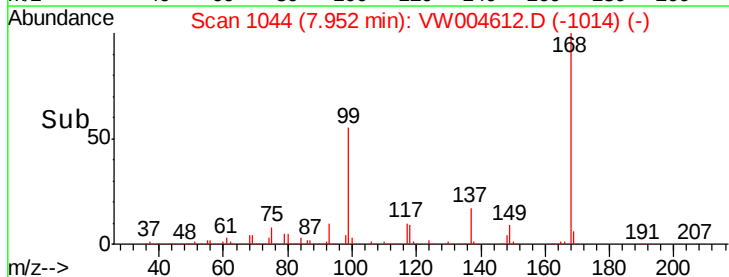
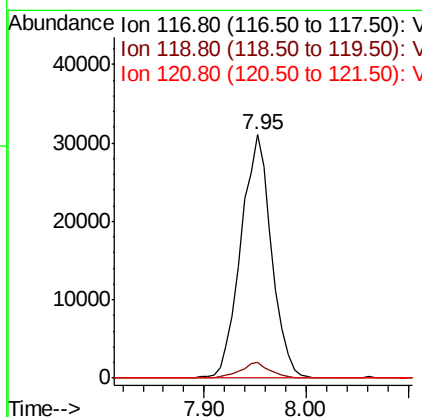
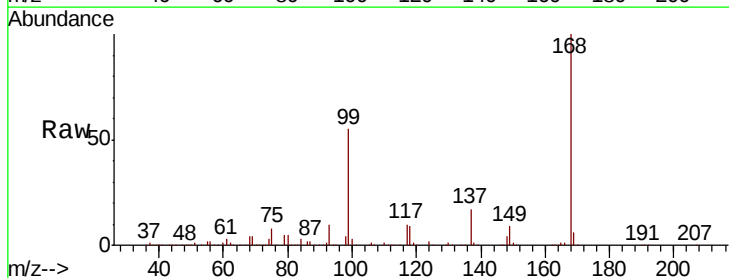
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 SU-02-080918-B

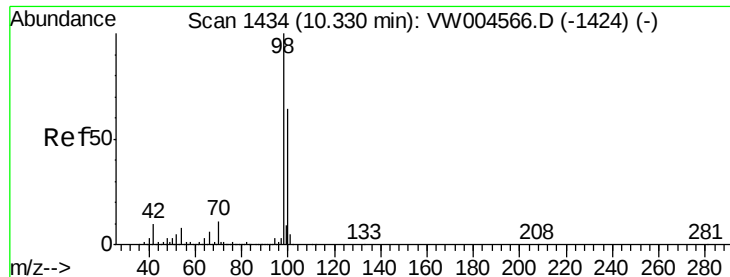
Tgt Ion: 75 Resp: 54406
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.4 52.2#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.712 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004612.D
 Acq: 10 Aug 2018 21:41

Tgt Ion: 117 Resp: 64668
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.1 114.1#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 41.145 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004612.D

Acq: 10 Aug 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

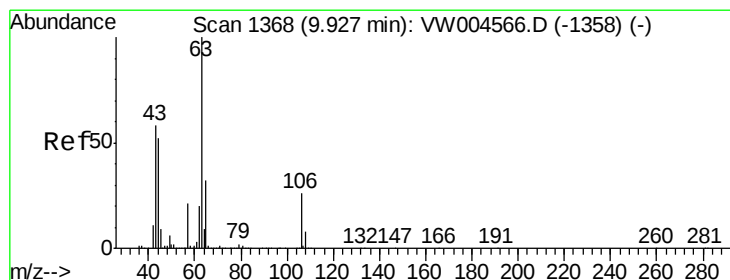
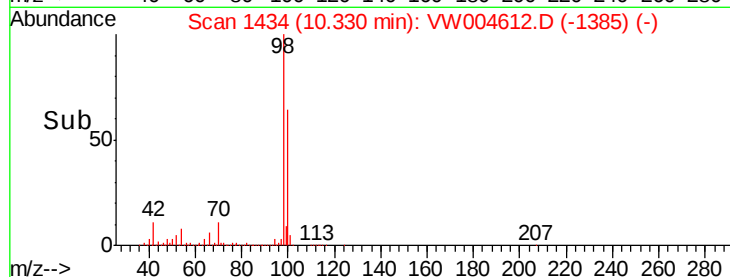
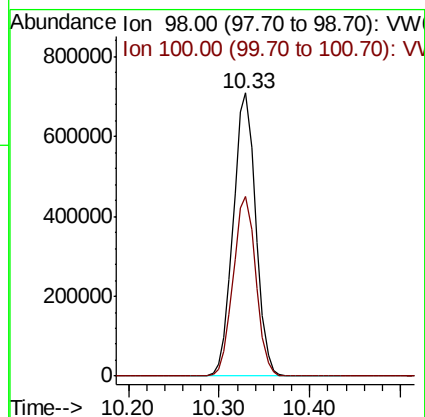
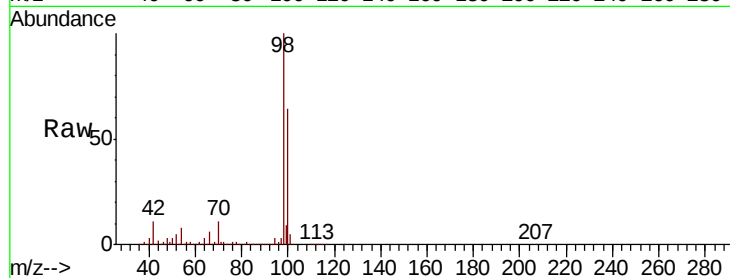
SU-02-080918-B

Tgt Ion: 98 Resp: 1222195

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.949 ug/l

RT: 9.74 min Scan# 1338

Delta R.T. -0.18 min

Lab File: VW004612.D

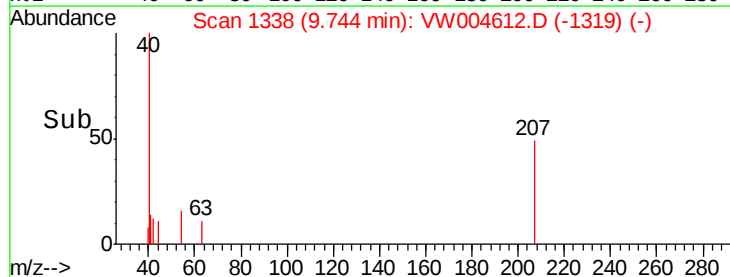
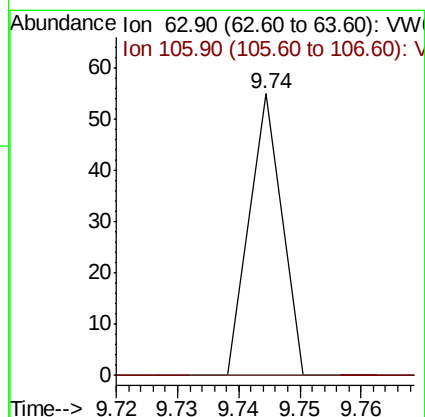
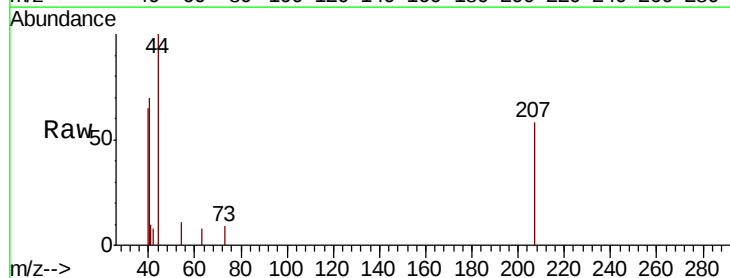
Acq: 10 Aug 2018 21:41

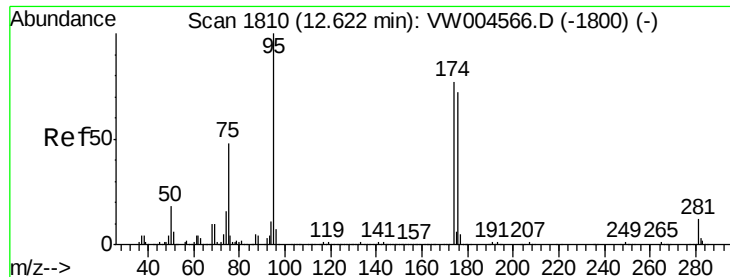
Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#





#62

4-Bromofluorobenzene

Concen: 30.888 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004612.D

Acq: 10 Aug 2018 21:41

Instrument :

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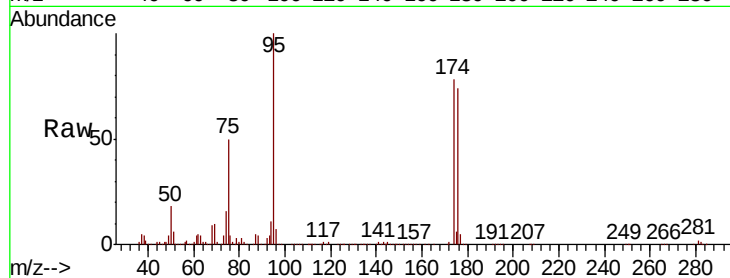
Tgt Ion: 95 Resp: 330506

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.4

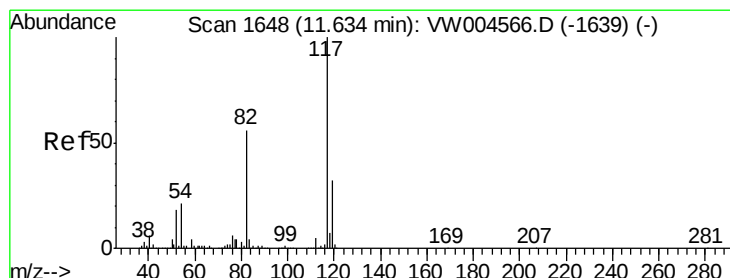
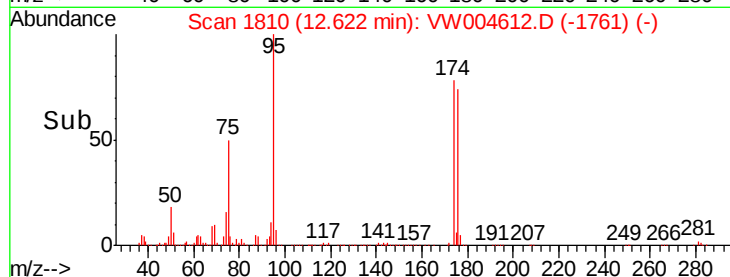
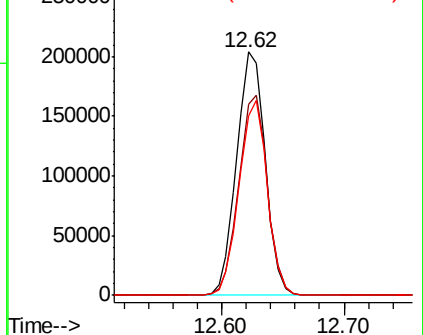
176 79.0 0.0 153.2



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: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004612.D

Acq: 10 Aug 2018 21:41

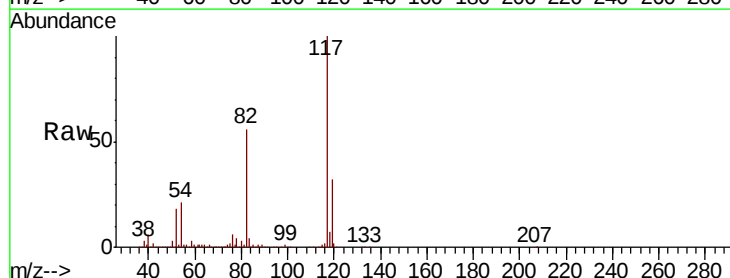
Tgt Ion: 117 Resp: 991467

Ion Ratio Lower Upper

117 100

82 55.5 45.3 67.9

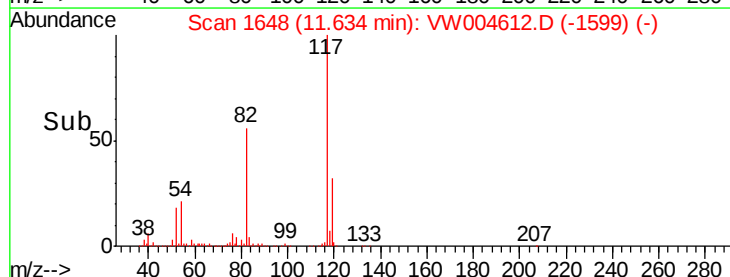
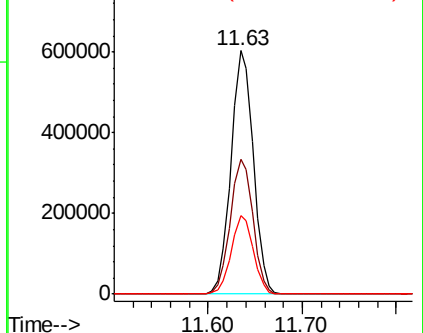
119 32.0 26.2 39.4

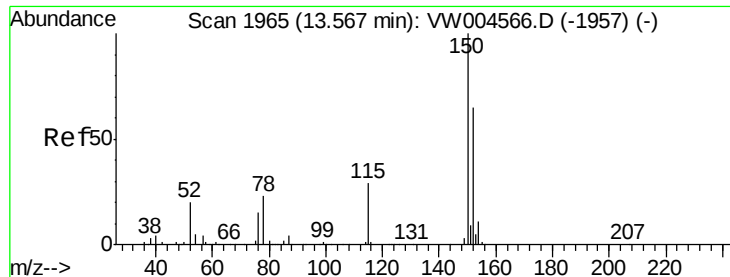


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW004612.D

Acq: 10 Aug 2018 21:41

Instrument :

MSVOA_W

ClientSampleId :

SU-02-080918-B

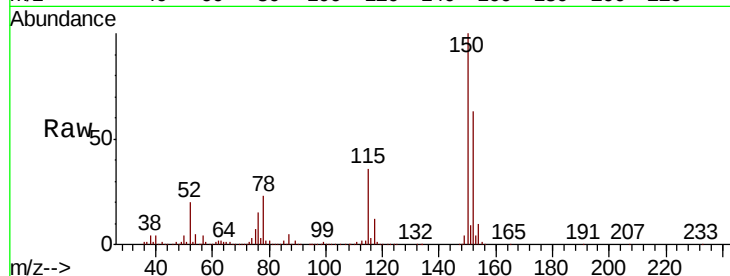
Tgt Ion: 152 Resp: 344515

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

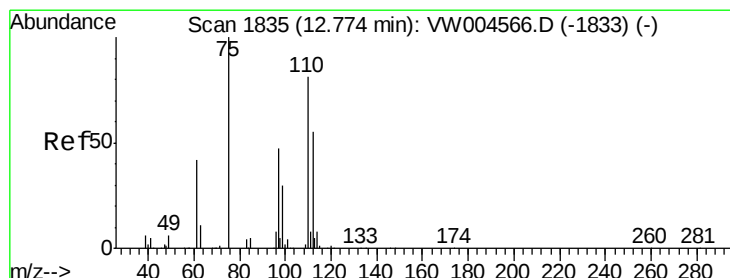
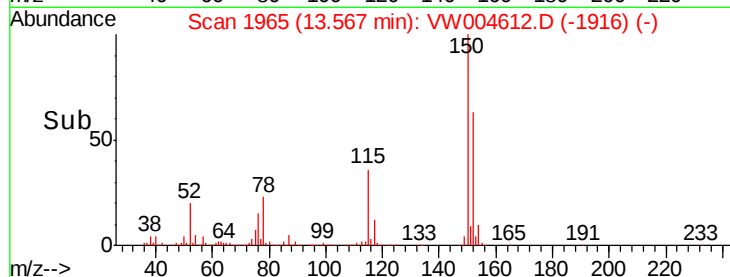
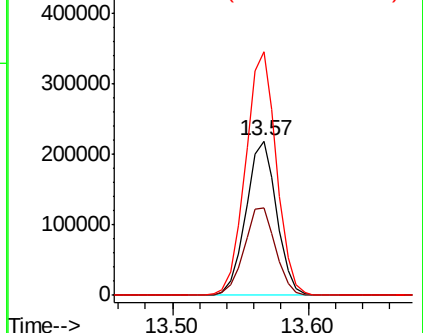
150 158.7 0.0 349.6



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: 45.193 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004612.D

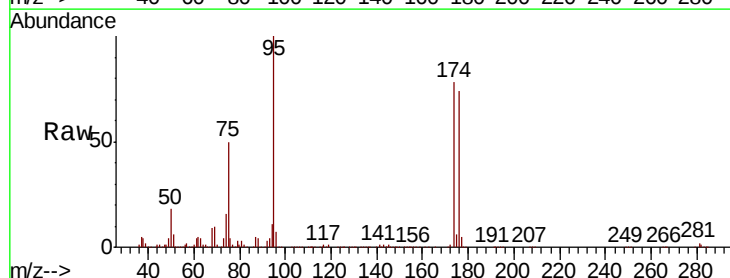
Acq: 10 Aug 2018 21:41

Tgt Ion: 75 Resp: 161111

Ion Ratio Lower Upper

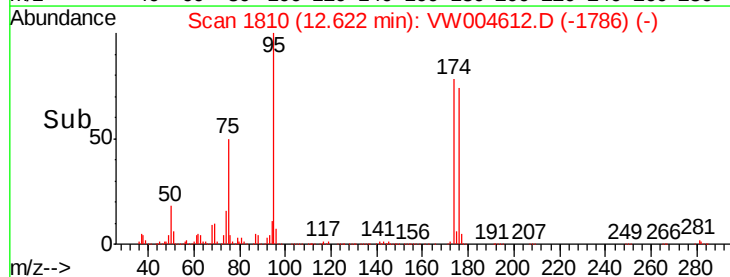
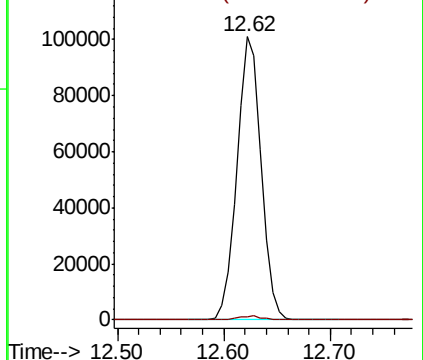
75 100

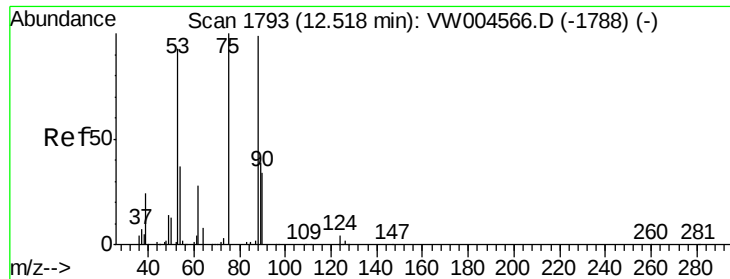
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

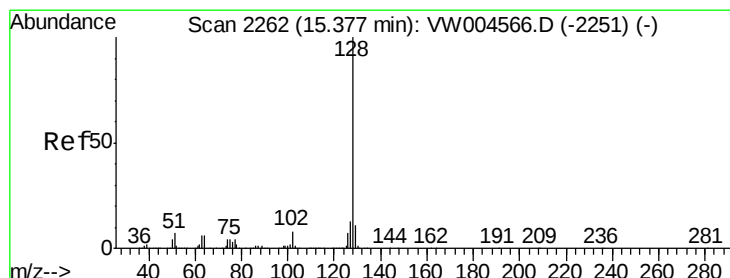
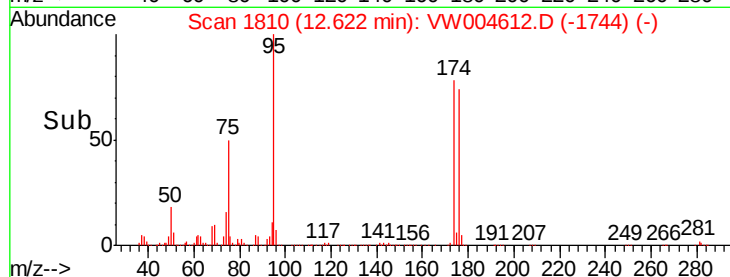
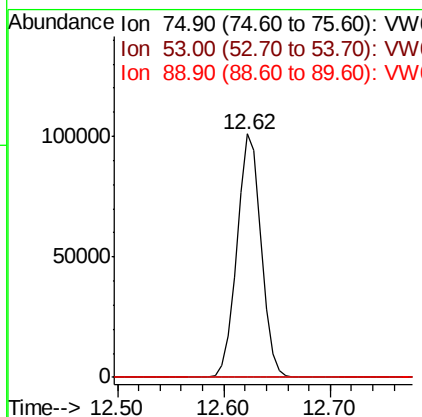
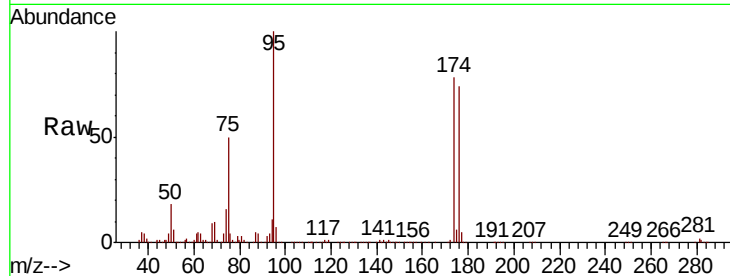




#81
trans-1,4-Dichloro-2-butene
Concen: 108.186 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

Instrument :
MSVOA_W
ClientSampleId :
SU-02-080918-B

Tgt Ion: 75 Resp: 161111
Ion Ratio Lower Upper
75 100
53 0.3 74.4 111.6#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 2.981 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004612.D
Acq: 10 Aug 2018 21:41

Tgt Ion: 128 Resp: 1081
Ion Ratio Lower Upper
128 100
127 16.7 10.3 15.5#
129 0.0 8.6 13.0#

