

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004622.D
 Acq On : 11 Aug 2018 03:43
 Operator : SY/AP
 Sample : J4272-09
 Misc : 6.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-E

Quant Time: Aug 11 04:03:40 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	713246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1241924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1068133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	445933	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	383862	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	7.88	113	350379	42.31	ug/l	0.00
Spiked Amount			Recovery	=	84.62%	
50) Toluene-d8	10.33	98	1108400	35.11	ug/l	0.00
Spiked Amount			Recovery	=	70.22%	
62) 4-Bromofluorobenzene	12.62	95	372579	32.76	ug/l	0.00
Spiked Amount			Recovery	=	65.52%	

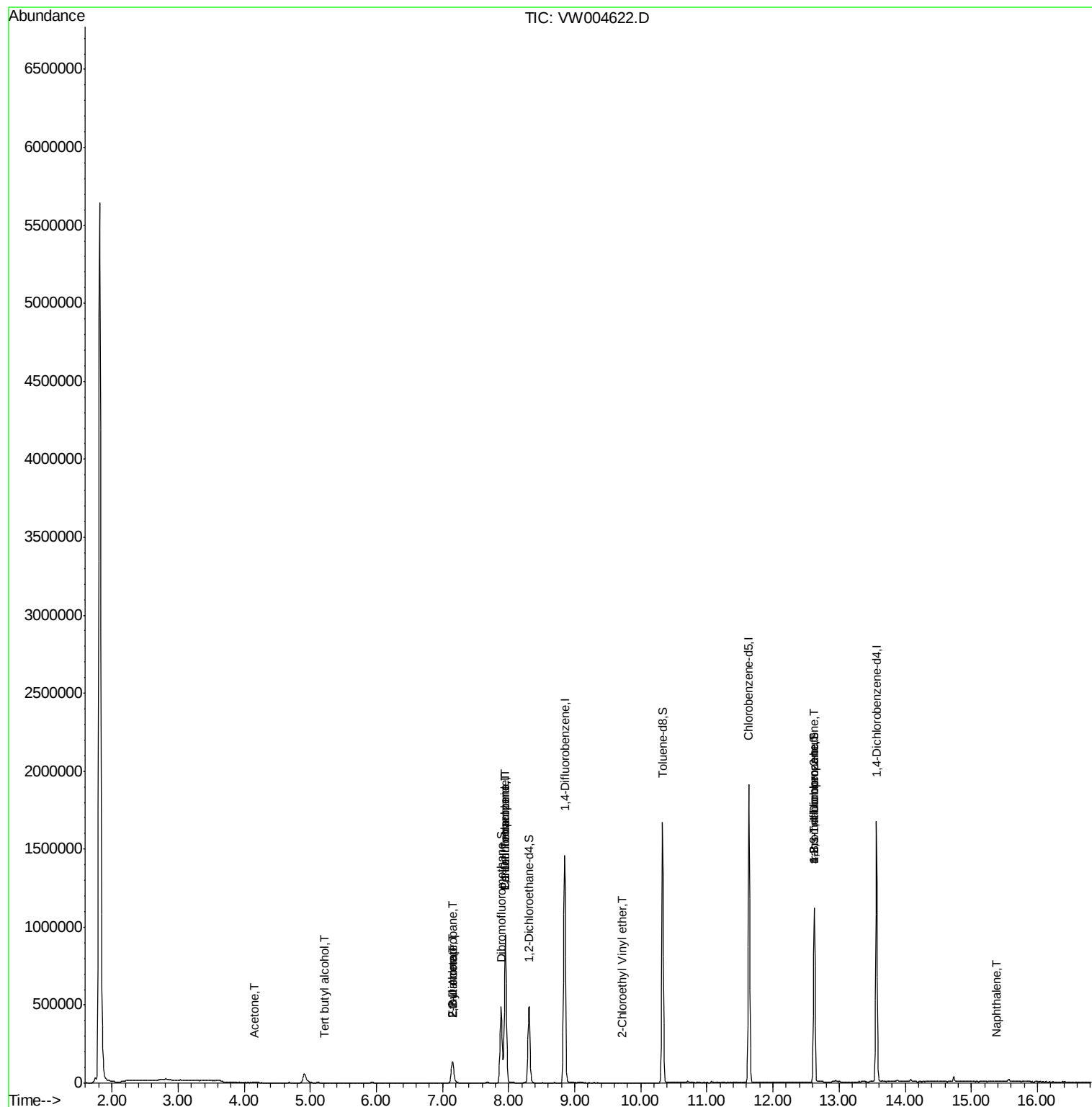
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	969	2.096	ug/l #	81
16) Acetone	4.15	43	2920	1.481	ug/l #	88
20) Methylene Chloride	4.91	84	52441	Below Cal		92
25) 2-Butanone	7.15	43	6825	2.152	ug/l #	86
26) 2,2-Dichloropropane	7.15	77	10353	1.276	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	53860	4.028	ug/l #	50
37) Ethyl Acetate	7.15	43	6825	1.090	ug/l #	1
38) Carbon Tetrachloride	7.95	117	67761	5.631	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.72	63	21	8.948	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	178147	38.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	178147	92.419	ug/l #	13
95) Naphthalene	15.38	128	2045	3.011	ug/l #	80

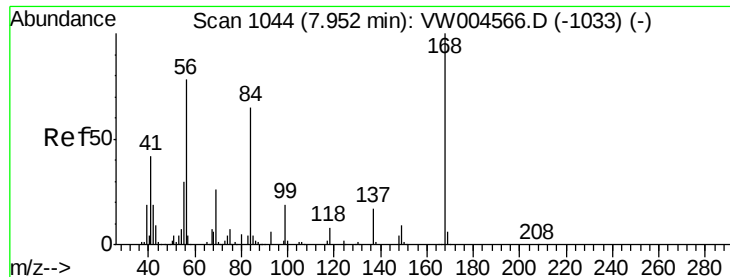
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004622.D

Acq: 11 Aug 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

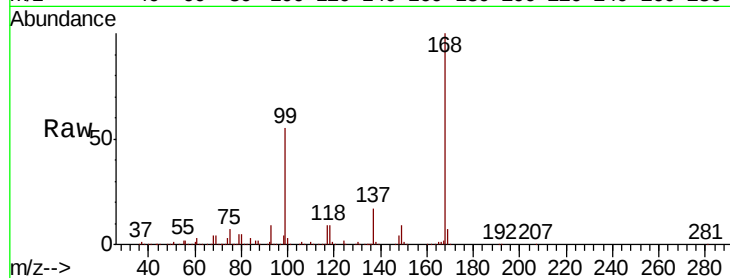
JC-03-080918-E

Tgt Ion:168 Resp: 713246

Ion Ratio Lower Upper

168 100

99 54.5 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

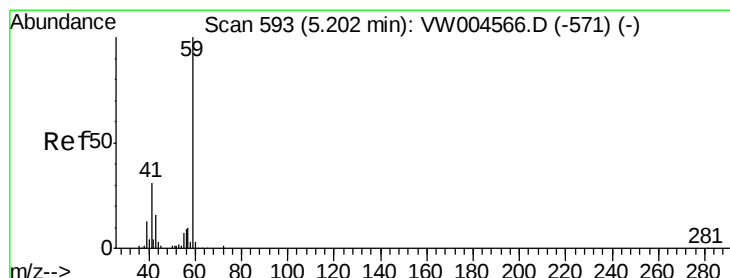
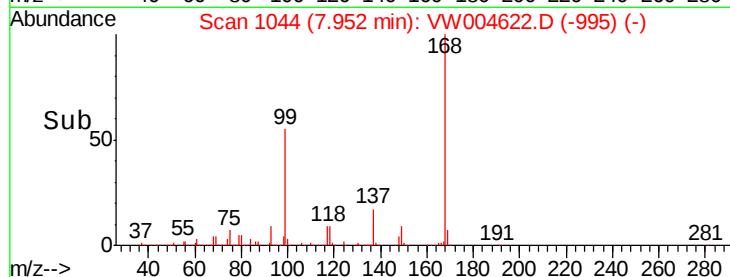
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.096 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004622.D

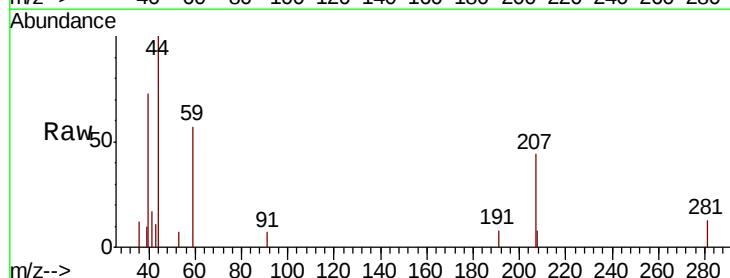
Acq: 11 Aug 2018 03:43

Tgt Ion: 59 Resp: 969

Ion Ratio Lower Upper

59 100

57 4.0 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

500

400

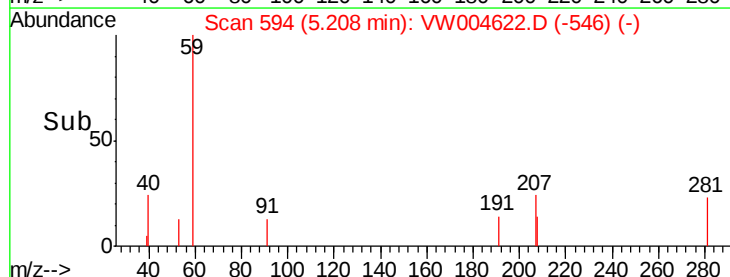
300

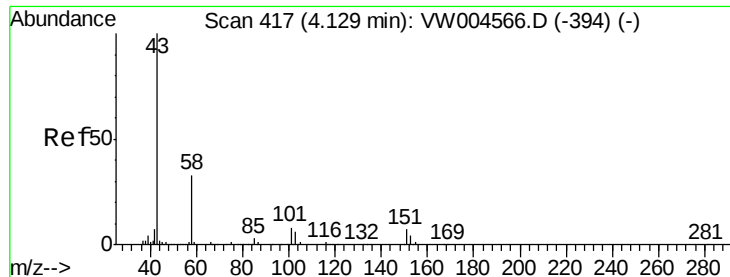
200

100

0

Time--> 5.20 5.25

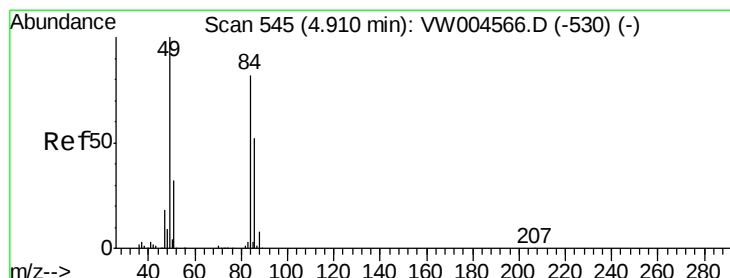
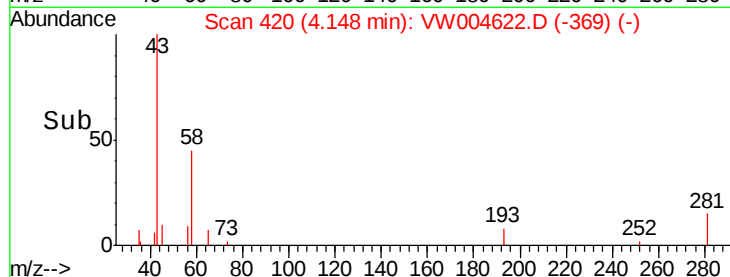
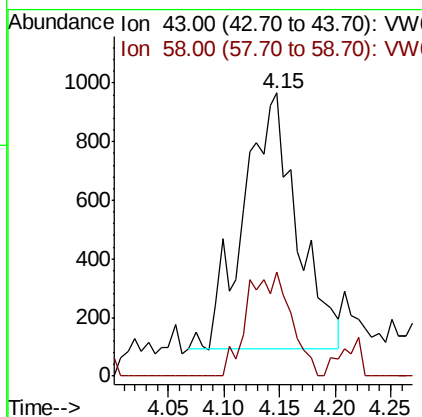
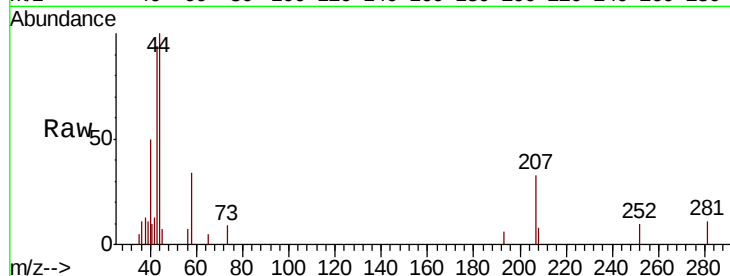




#16
Acetone
Concen: 1.481 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW004622.D
Acq: 11 Aug 2018 03:43

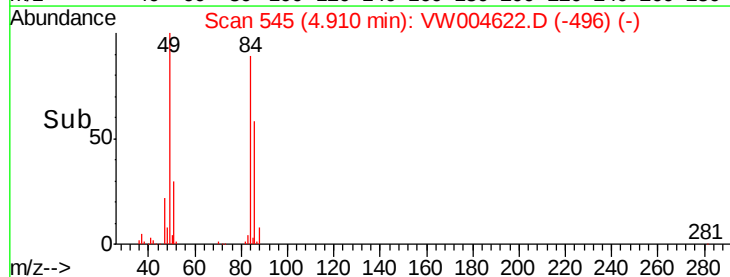
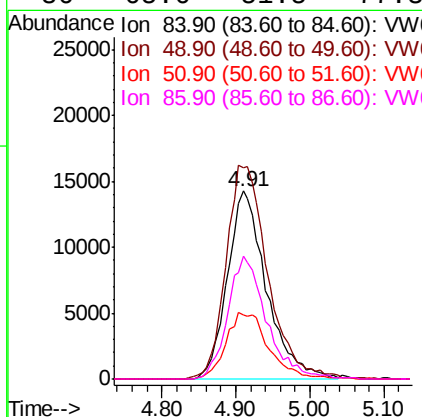
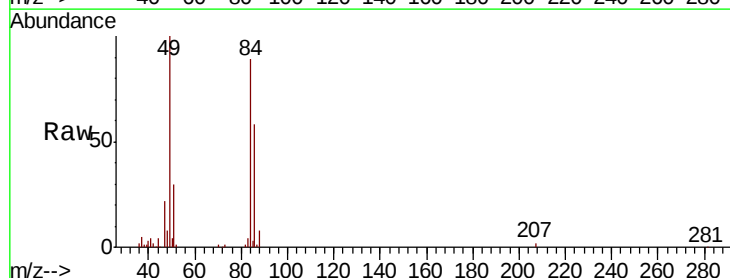
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-E

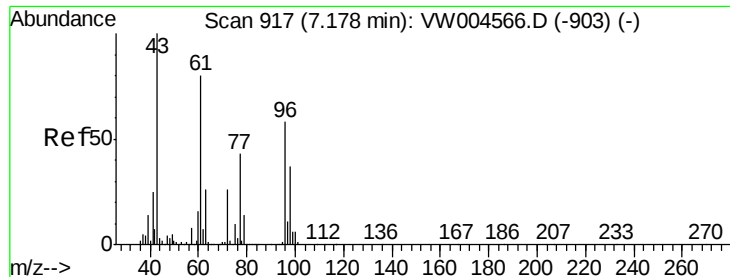
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
58 40.5 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004622.D
Acq: 11 Aug 2018 03:43

Tgt Ion: 84 Resp: 52441
Ion Ratio Lower Upper
84 100
49 111.9 99.6 149.4
51 34.0 31.0 46.4
86 65.6 51.5 77.3





#25

2-Butanone

Concen: 2.152 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW004622.D

Acq: 11 Aug 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

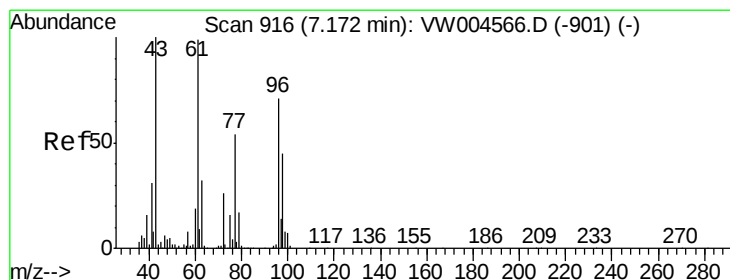
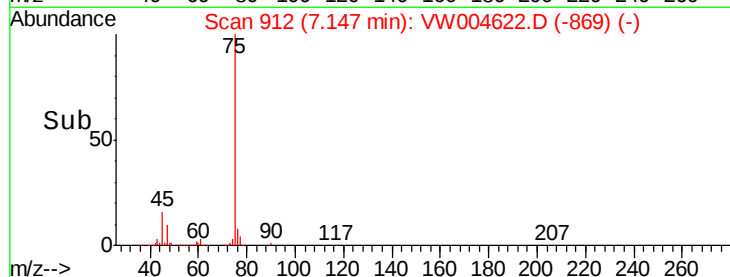
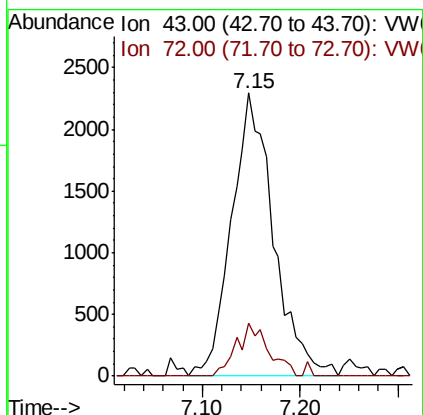
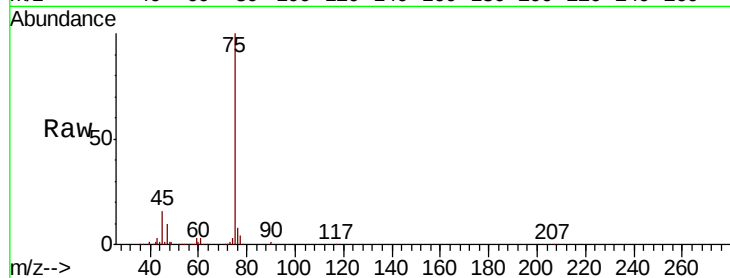
JC-03-080918-E

Tgt Ion: 43 Resp: 6825

Ion Ratio Lower Upper

43 100

72 18.9 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.276 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW004622.D

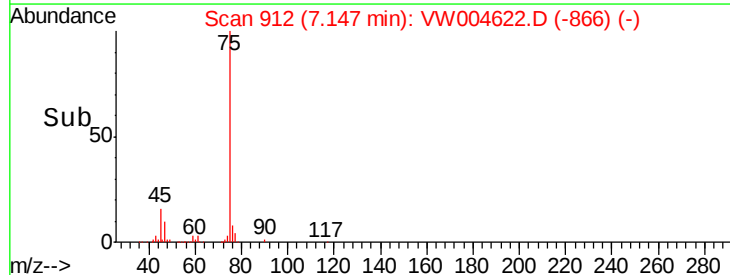
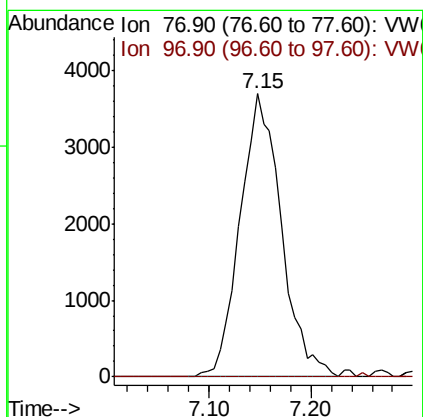
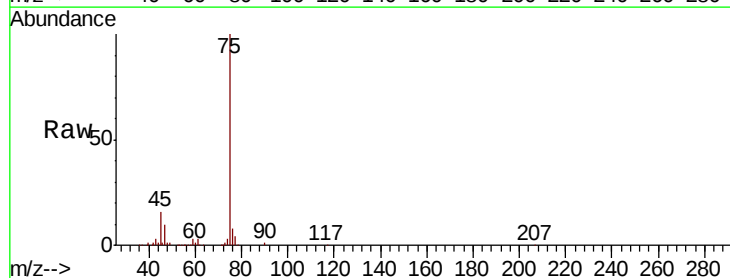
Acq: 11 Aug 2018 03:43

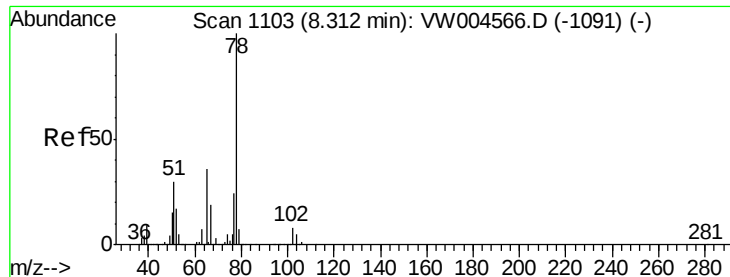
Tgt Ion: 77 Resp: 10353

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 48.618 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004622.D

Acq: 11 Aug 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

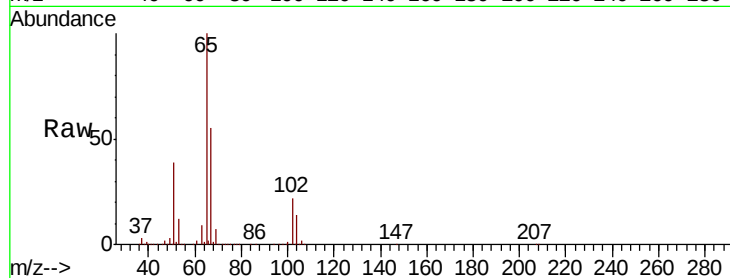
JC-03-080918-E

Tgt Ion: 65 Resp: 383862

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

200000

150000

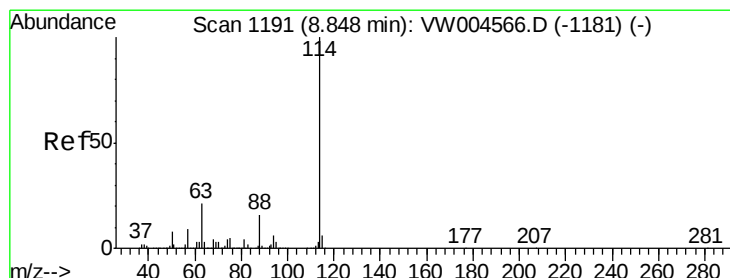
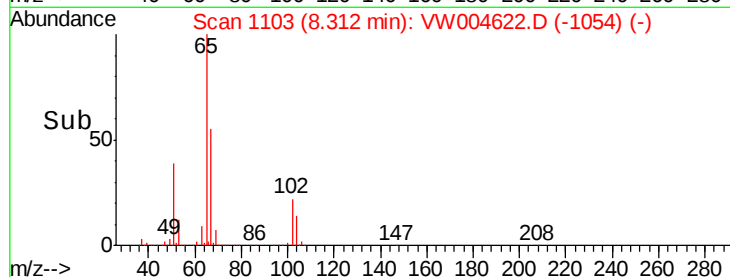
100000

50000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004622.D

Acq: 11 Aug 2018 03:43

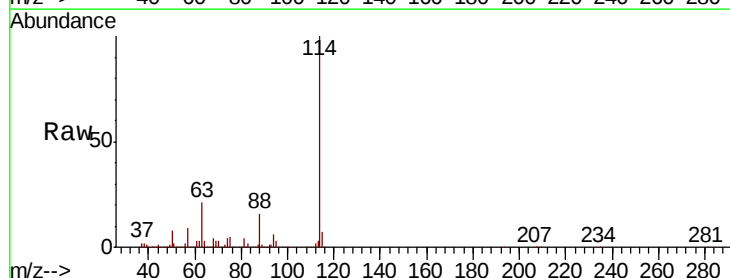
Tgt Ion: 114 Resp: 1241924

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.7 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

800000

600000

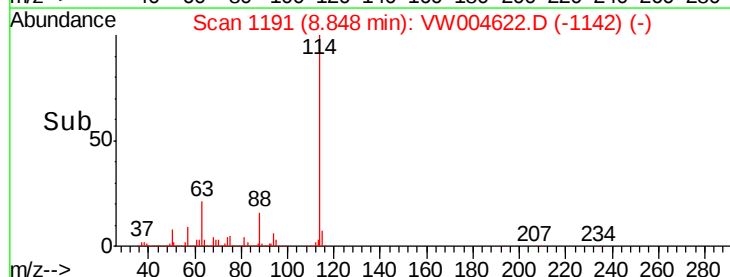
400000

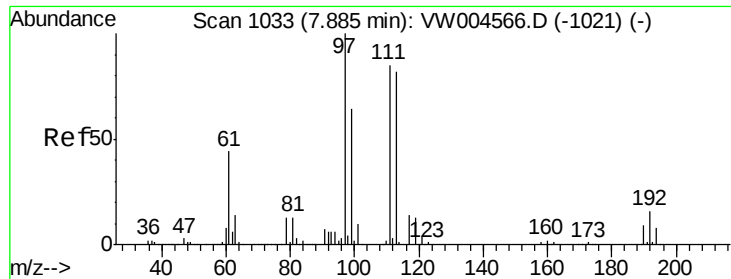
200000

0

8.70 8.80 8.90 9.00

Time-->

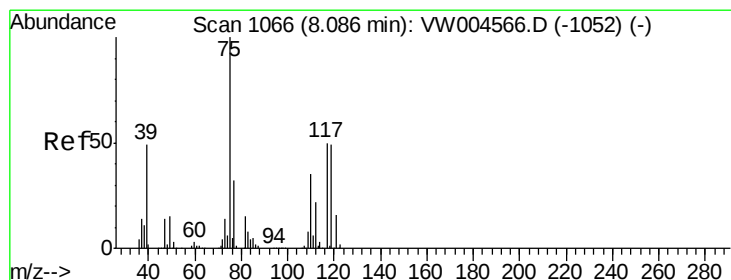
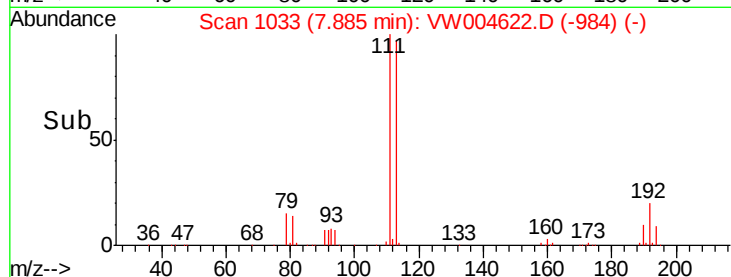
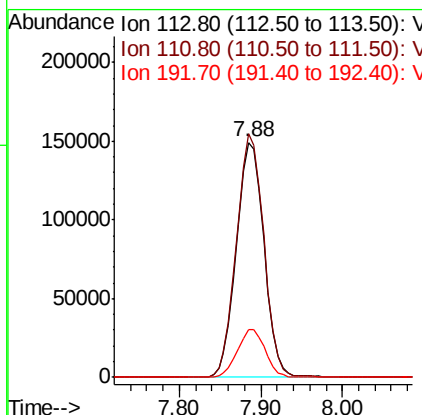
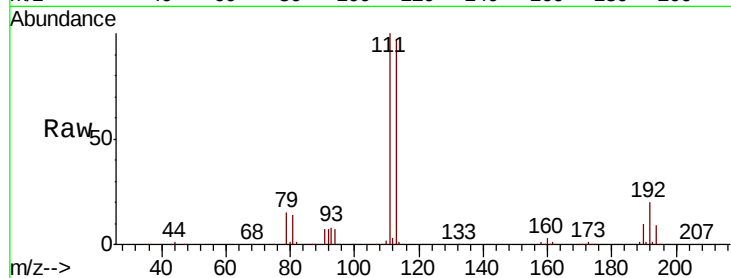




#35
 Dibromofluoromethane
 Concen: 42.312 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

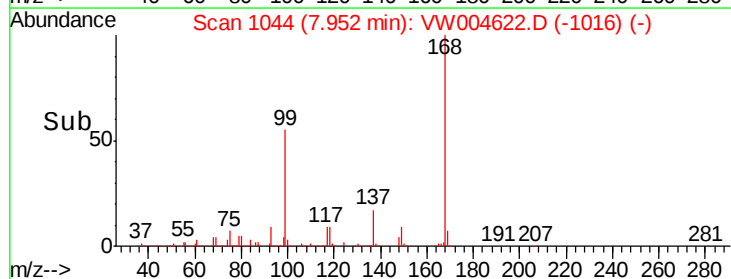
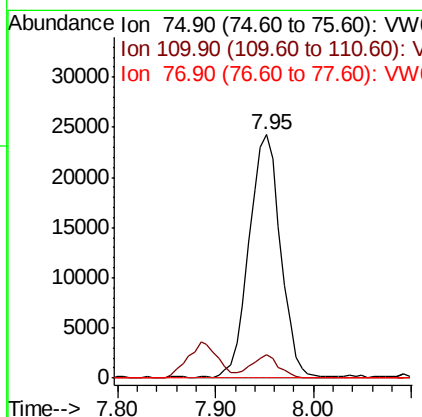
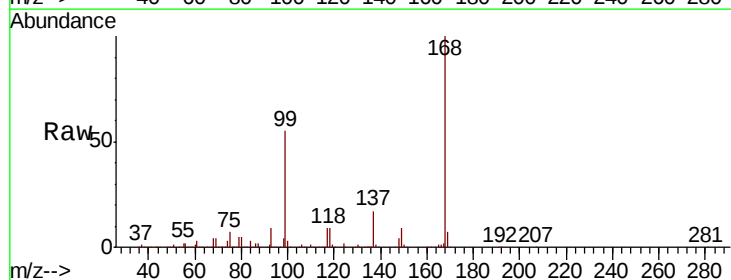
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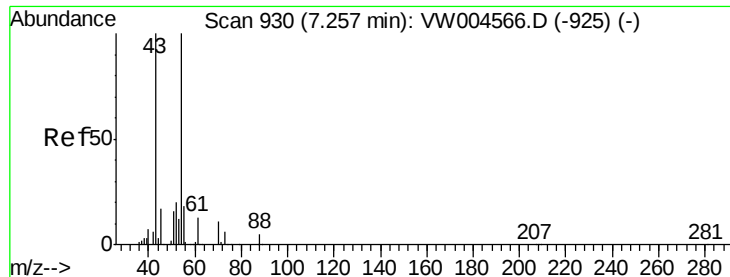
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.4	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.028 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.2	24.7	37.1#

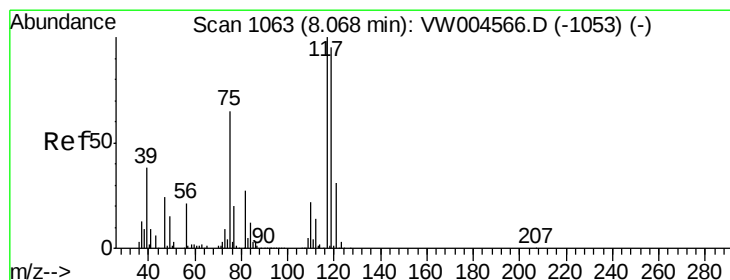
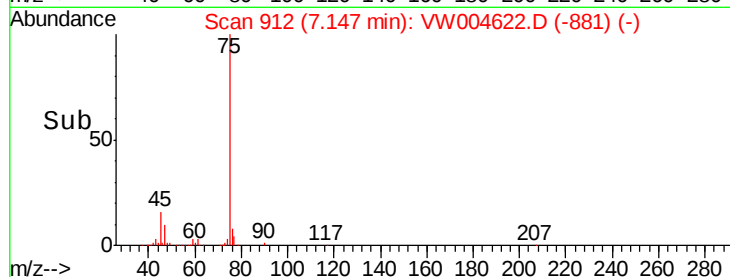
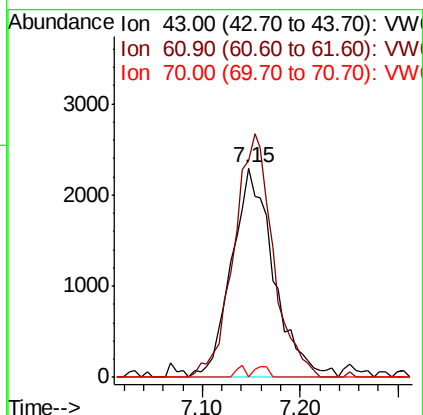
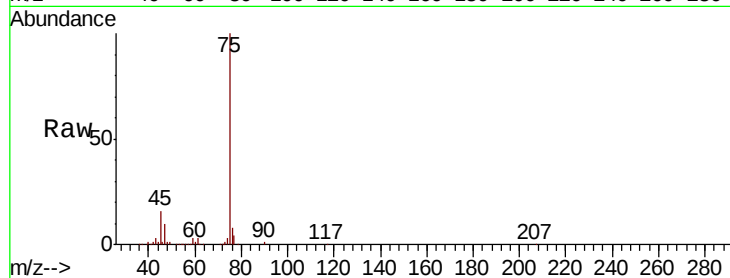




#37
 Ethyl Acetate
 Concen: 1.090 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.11 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

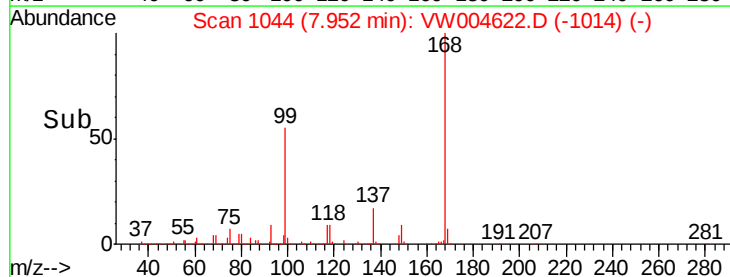
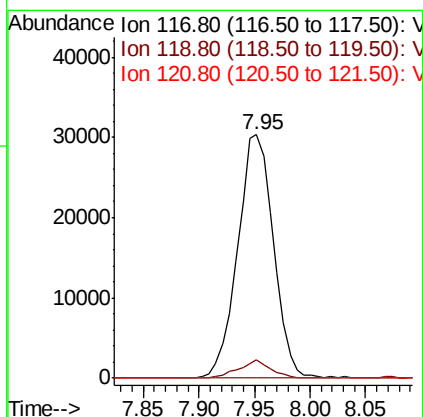
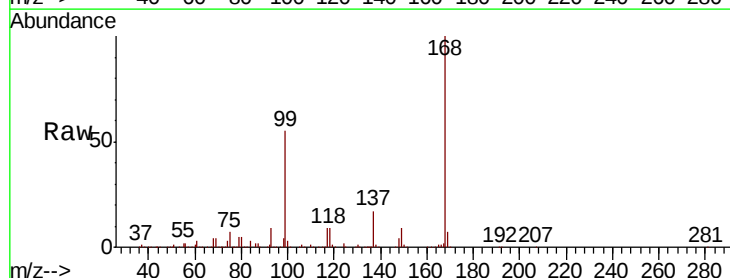
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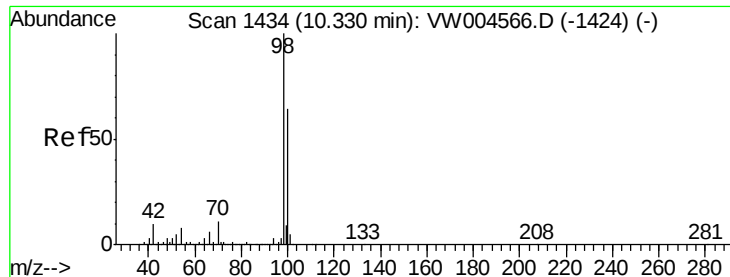
Tgt Ion: 43 Resp: 6825
 Ion Ratio Lower Upper
 43 100
 61 109.4 11.9 17.9#
 70 1.1 8.2 12.4#



#38
 Carbon Tetrachloride
 Concen: 5.631 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

Tgt Ion: 117 Resp: 67761
 Ion Ratio Lower Upper
 117 100
 119 7.5 76.1 114.1#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 35.110 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004622.D

Acq: 11 Aug 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

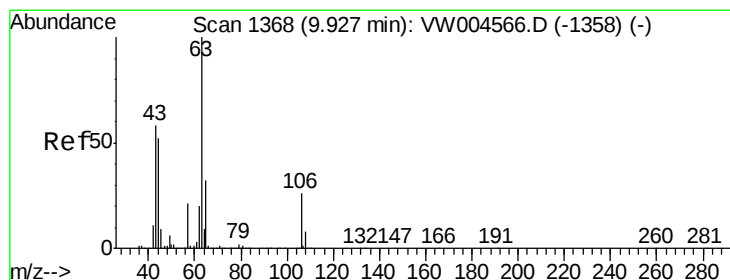
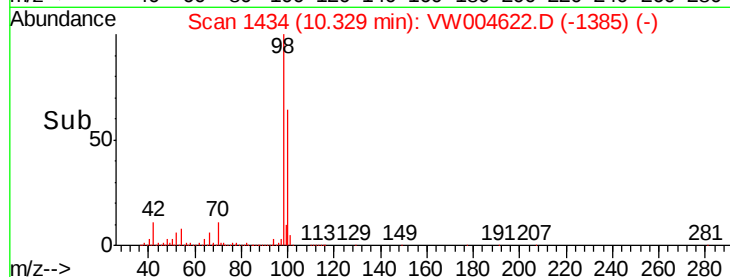
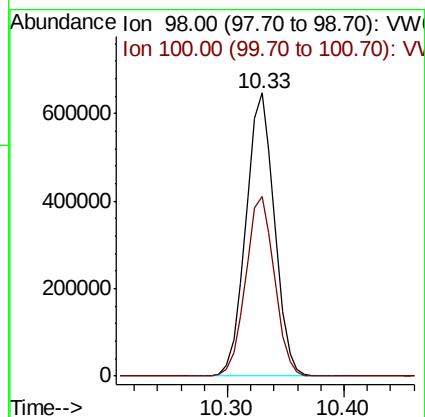
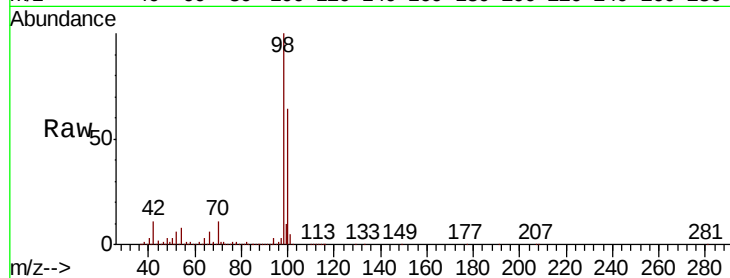
JC-03-080918-E

Tgt Ion: 98 Resp: 1108400

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.948 ug/l

RT: 9.72 min Scan# 1334

Delta R.T. -0.21 min

Lab File: VW004622.D

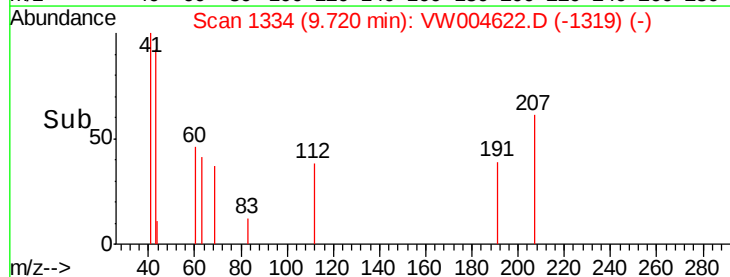
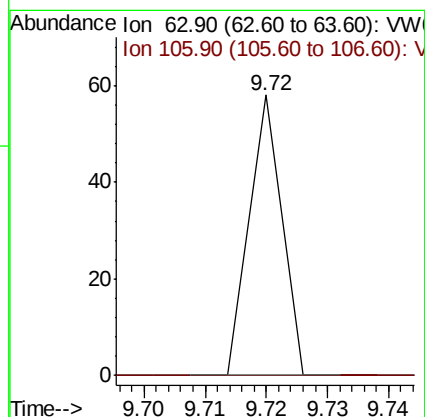
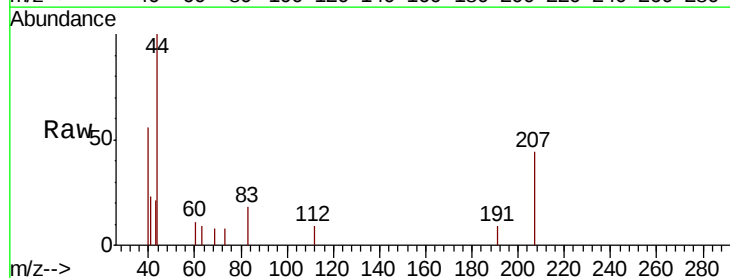
Acq: 11 Aug 2018 03:43

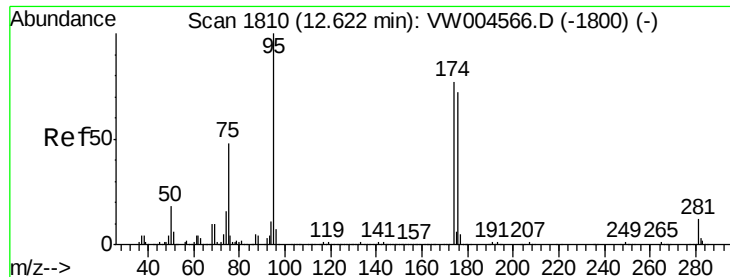
Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

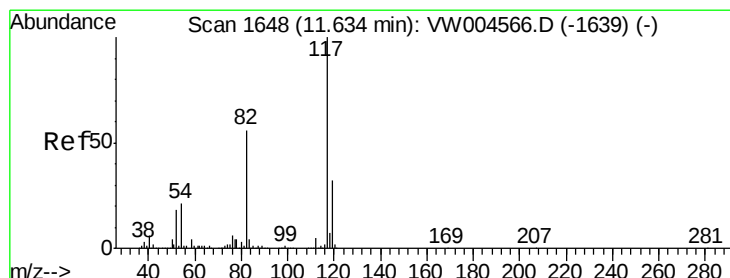
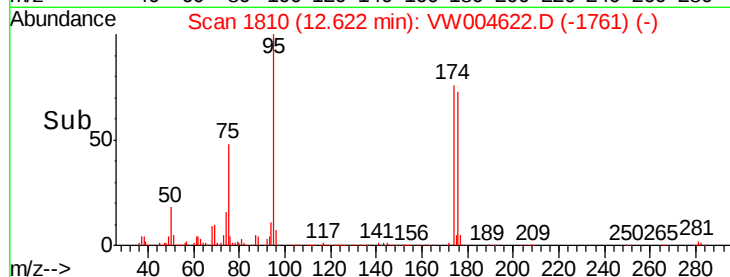
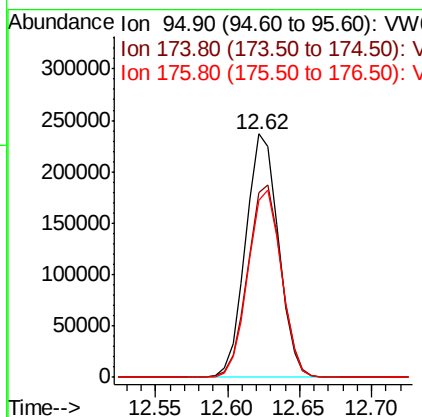
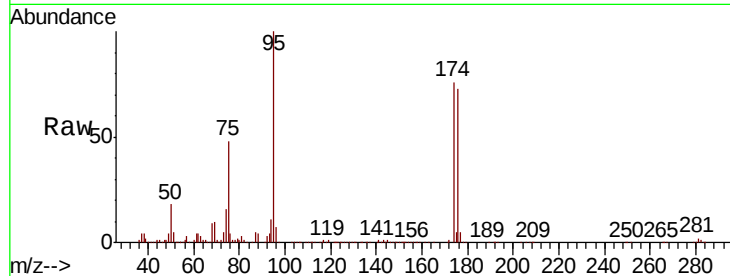




#62
4-Bromofluorobenzene
Concen: 32.763 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004622.D
Acq: 11 Aug 2018 03:43

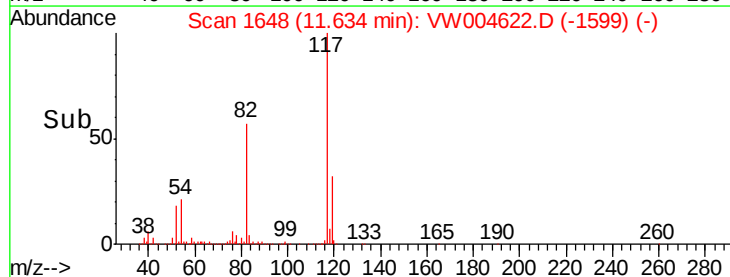
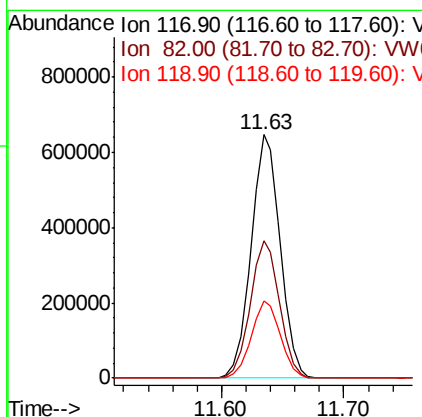
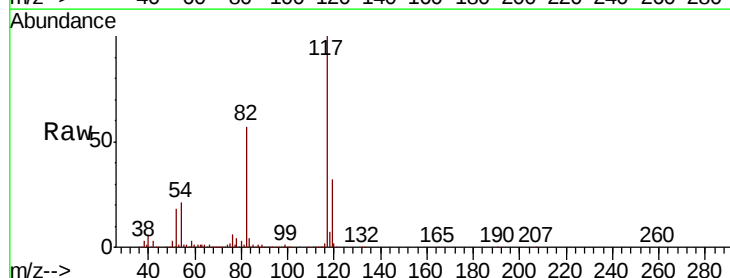
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-E

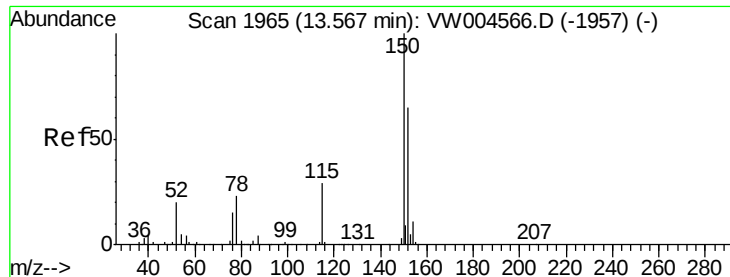
Tgt Ion: 95 Resp: 372579
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.4
176 78.1 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004622.D
Acq: 11 Aug 2018 03:43

Tgt Ion: 117 Resp: 1068133
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.9 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: VW004622.D

Acq: 11 Aug 2018 03:43

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-E

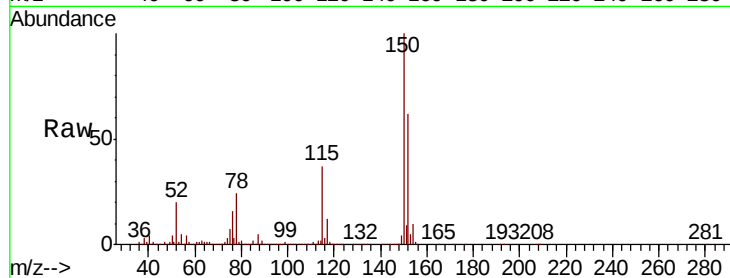
Tgt Ion:152 Resp: 445933

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

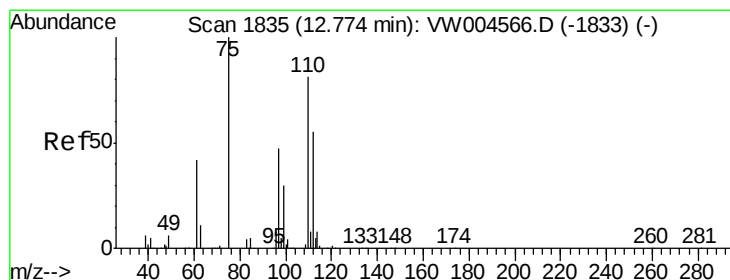
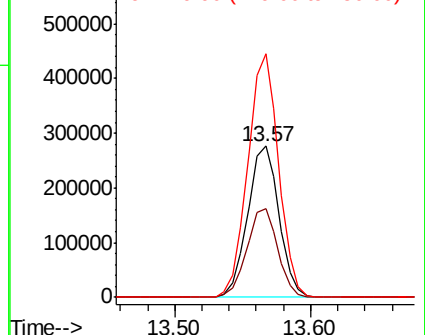
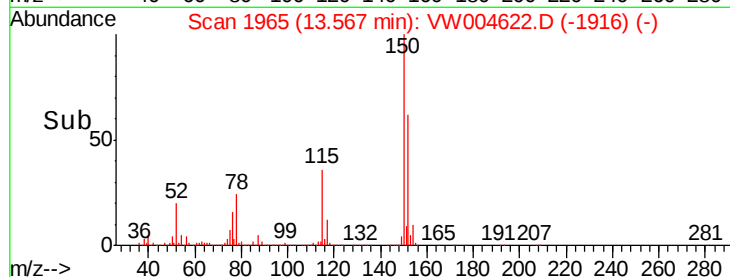
150 158.1 0.0 349.6



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: 38.607 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004622.D

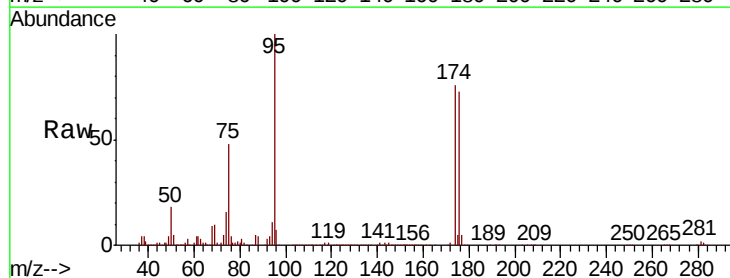
Acq: 11 Aug 2018 03:43

Tgt Ion: 75 Resp: 178147

Ion Ratio Lower Upper

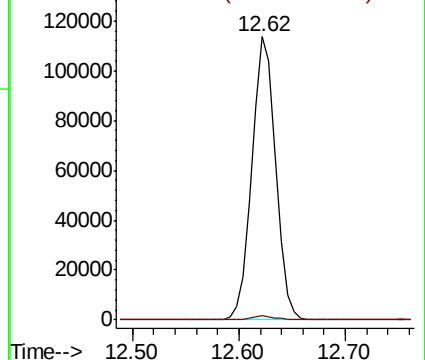
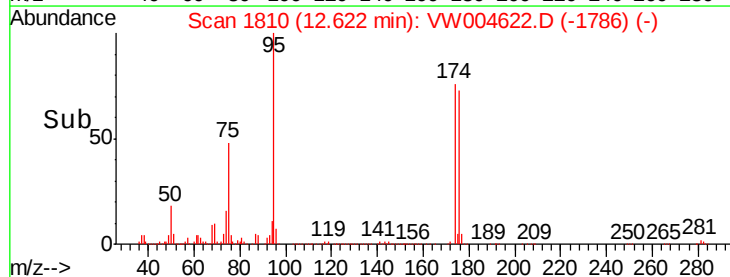
75 100

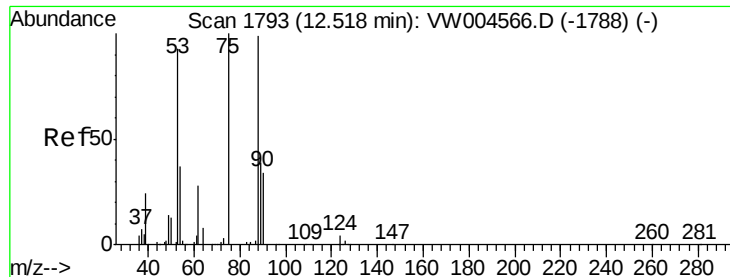
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

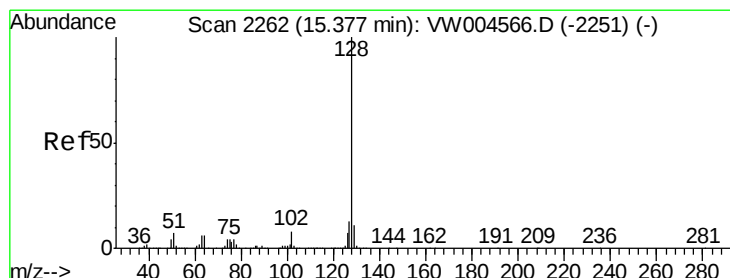
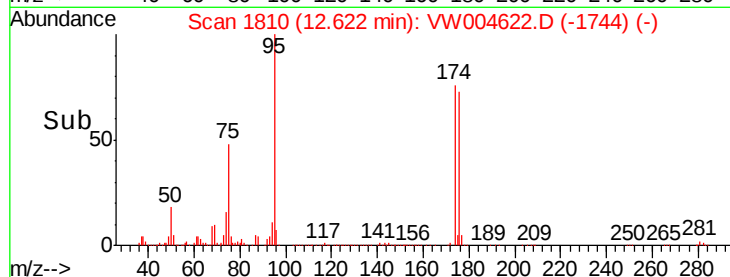
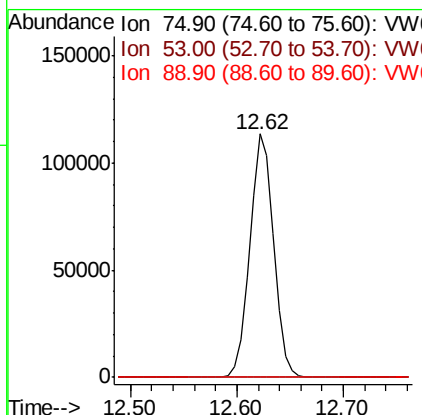
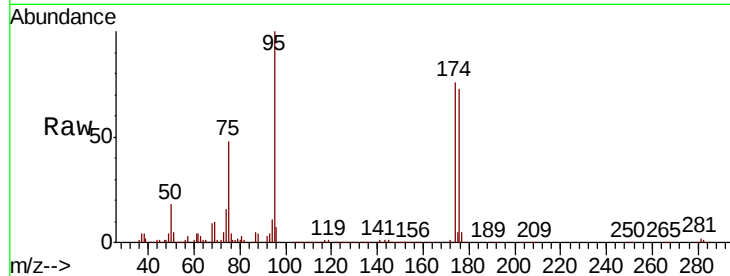




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.419 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-E

Tgt Ion: 75 Resp: 178147
 Ion Ratio Lower Upper
 75 100
 53 0.4 74.4 111.6#
 89 0.0 35.9 53.9#



#95
 Naphthalene
 Concen: 3.011 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004622.D
 Acq: 11 Aug 2018 03:43

Tgt Ion: 128 Resp: 2045
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.3 15.5
 129 24.4 8.6 13.0#

