

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004625.D
 Acq On : 11 Aug 2018 05:00
 Operator : SY/AP
 Sample : J4272-15
 Misc : 5.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Aug 11 05:19:26 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	699791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1172981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	995805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	367088	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	360960	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	337825	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	
50) Toluene-d8	10.33	98	1073197	35.99	ug/l	0.00
Spiked Amount			Recovery	=	71.98%	
62) 4-Bromofluorobenzene	12.62	95	323255	30.10	ug/l	0.00
Spiked Amount			Recovery	=	60.20%	

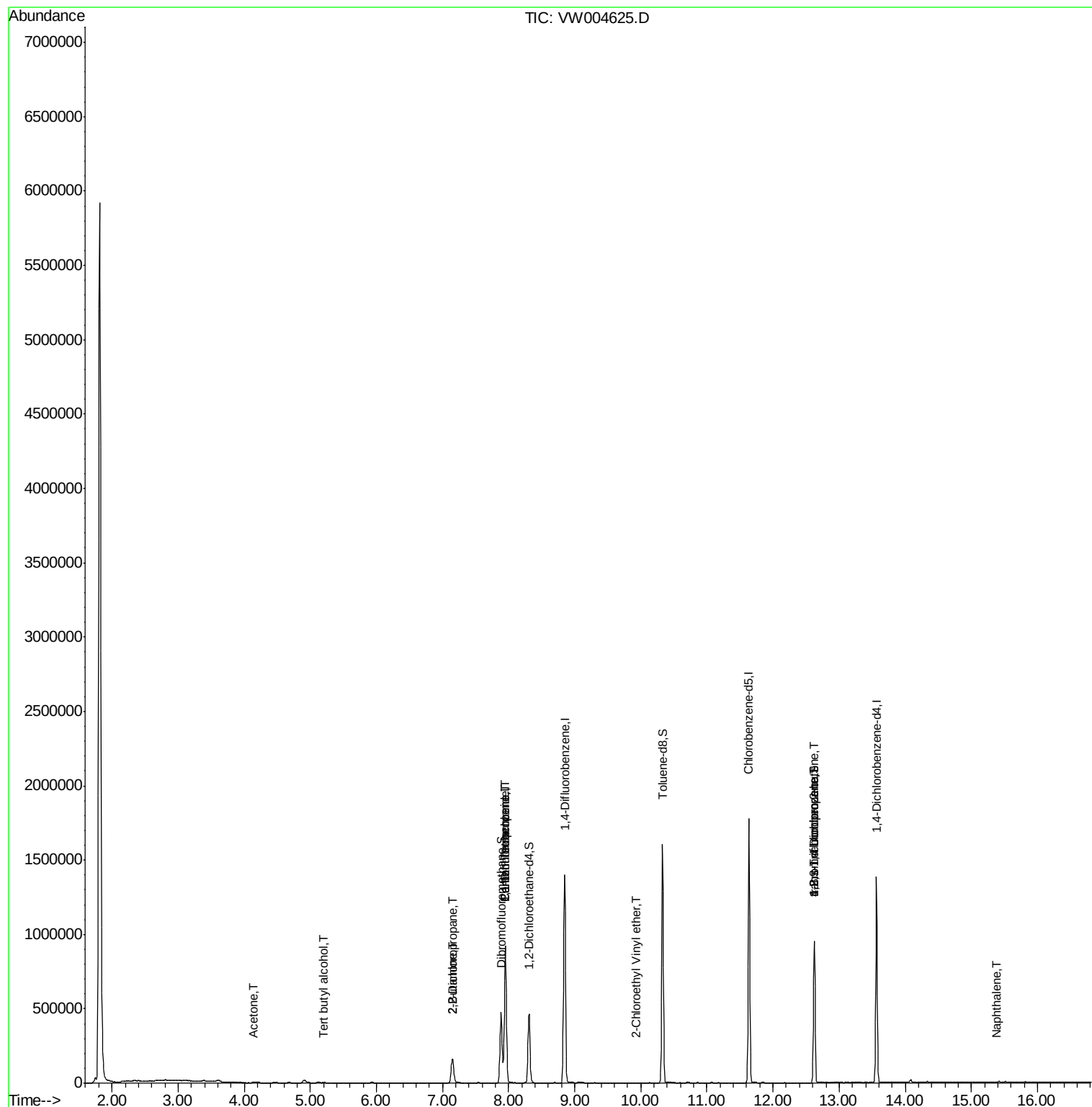
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	877	1.934	ug/l #	46
16) Acetone	4.14	43	2609	1.349	ug/l	93
20) Methylene Chloride	4.92	84	15784	Below Cal		92
25) 2-Butanone	7.15	43	8262	2.655	ug/l #	79
26) 2,2-Dichloropropane	7.15	77	11010	1.383	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	53961	4.273	ug/l #	49
38) Carbon Tetrachloride	7.95	117	66677	5.867	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	77	8.961	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	157524	41.470	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	157524	99.273	ug/l #	12
95) Naphthalene	15.38	128	962	2.970	ug/l #	89

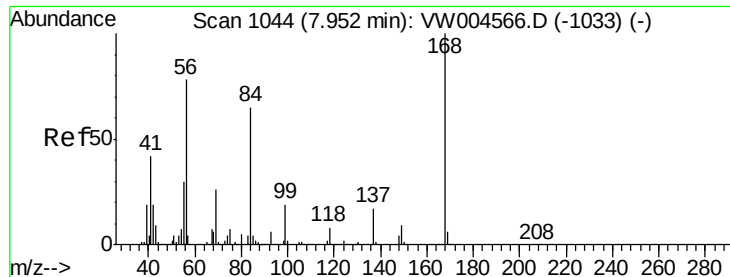
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
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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: VW004625.D

Acq: 11 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

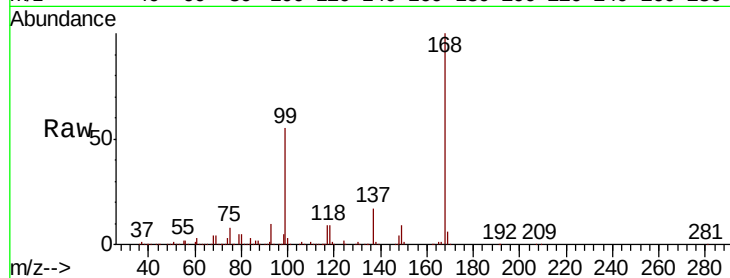
JC-03-080918-H

Tgt Ion:168 Resp: 699791

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

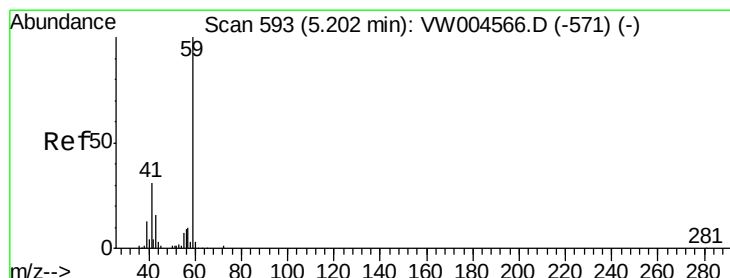
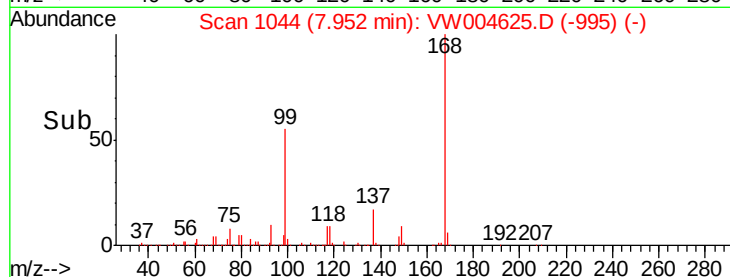
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.934 ug/l

RT: 5.20 min Scan# 592

Delta R.T. -0.02 min

Lab File: VW004625.D

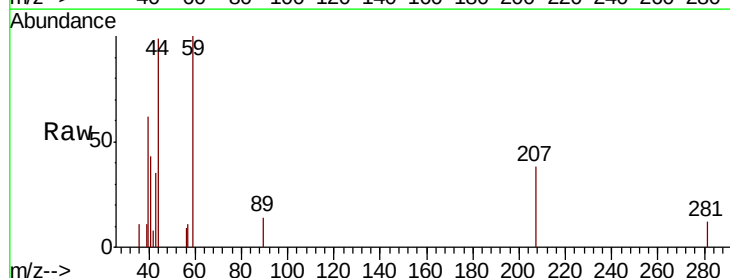
Acq: 11 Aug 2018 05:00

Tgt Ion: 59 Resp: 877

Ion Ratio Lower Upper

59 100

57 32.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

800

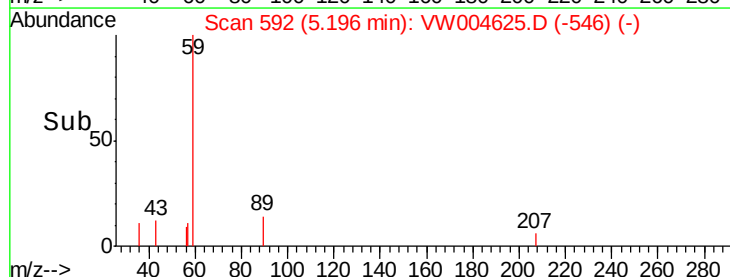
600

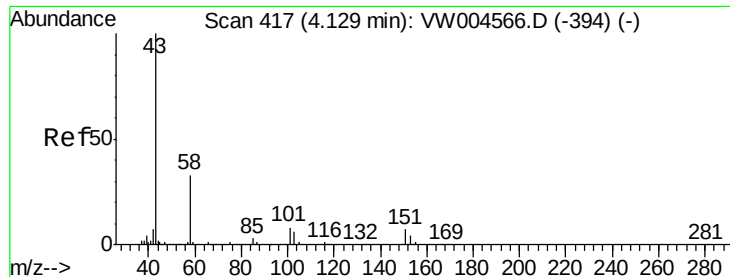
400

200

0

Time-->

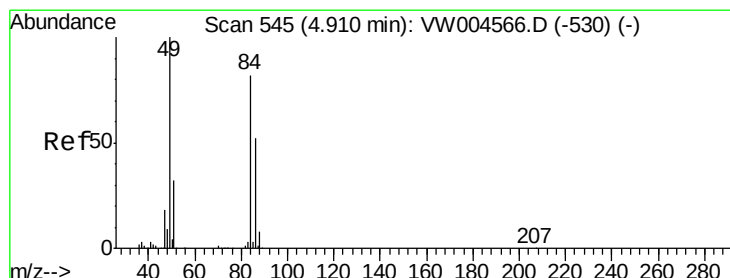
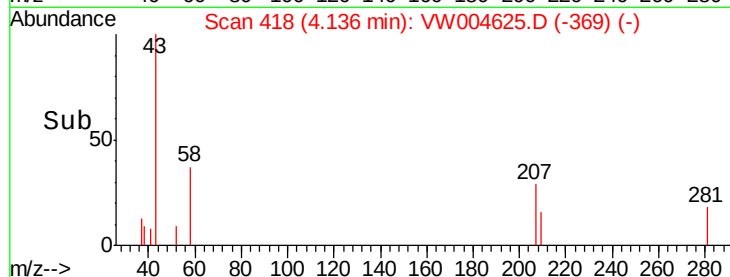
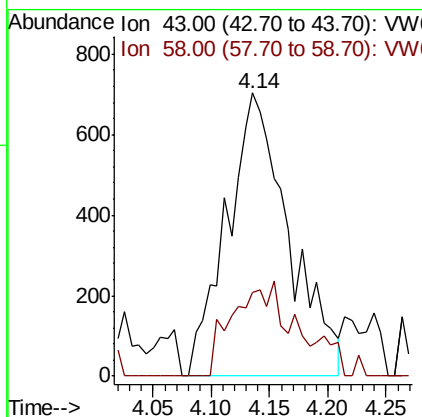
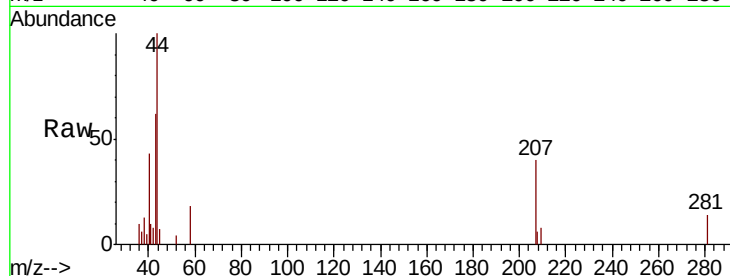




#16
Acetone
Concen: 1.349 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004625.D
Acq: 11 Aug 2018 05:00

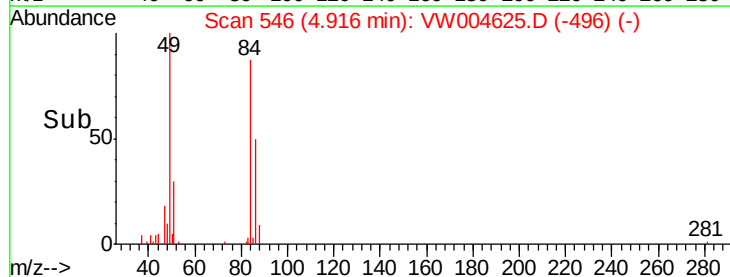
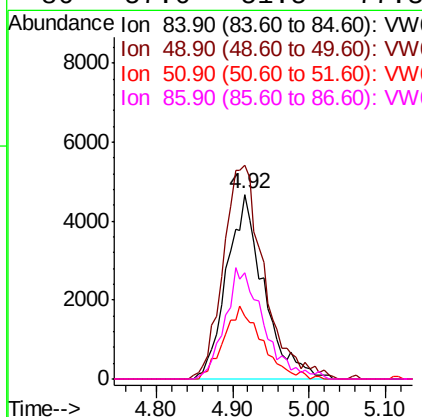
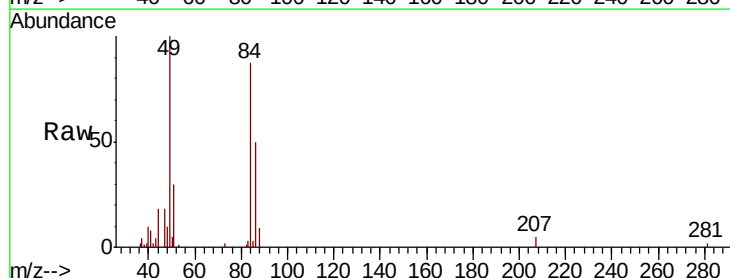
Instrument :
MSVOA_W
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JC-03-080918-H

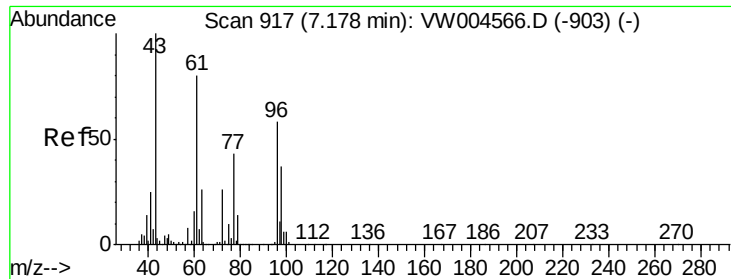
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 29.4 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004625.D
Acq: 11 Aug 2018 05:00

Tgt Ion: 84 Resp: 15784
Ion Ratio Lower Upper
84 100
49 115.5 99.6 149.4
51 34.2 31.0 46.4
86 57.6 51.5 77.3





#25

2-Butanone

Concen: 2.655 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004625.D

Acq: 11 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

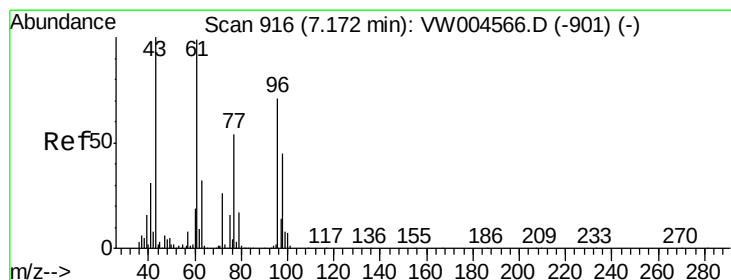
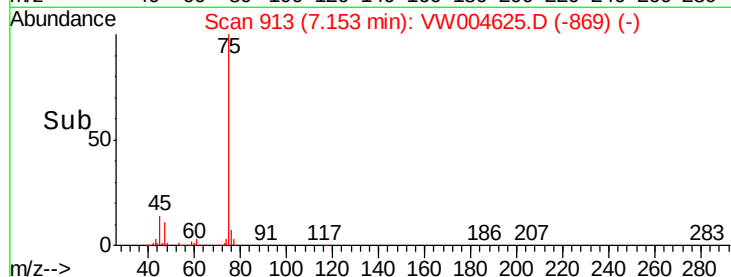
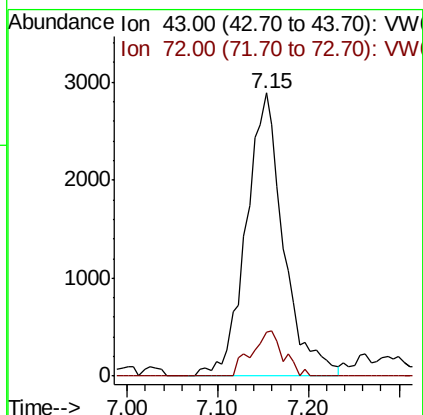
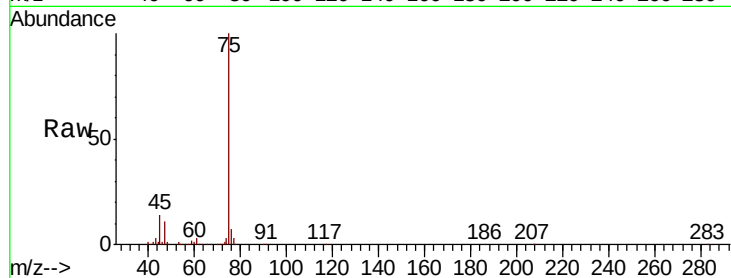
JC-03-080918-H

Tgt Ion: 43 Resp: 8262

Ion Ratio Lower Upper

43 100

72 15.6 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.383 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW004625.D

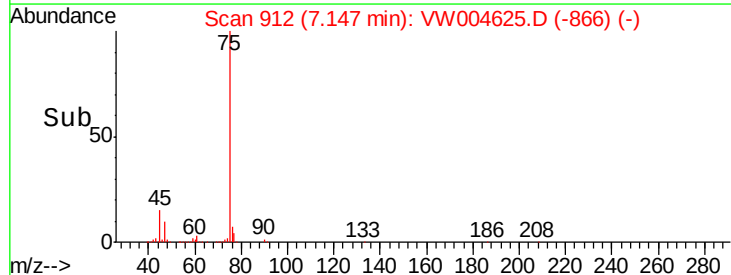
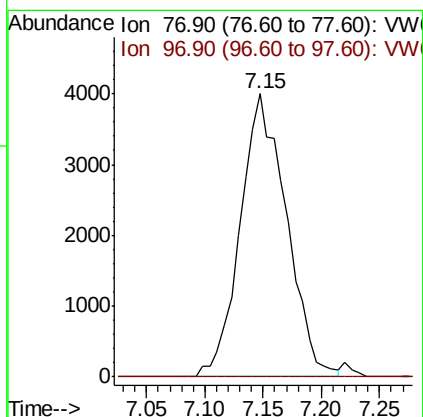
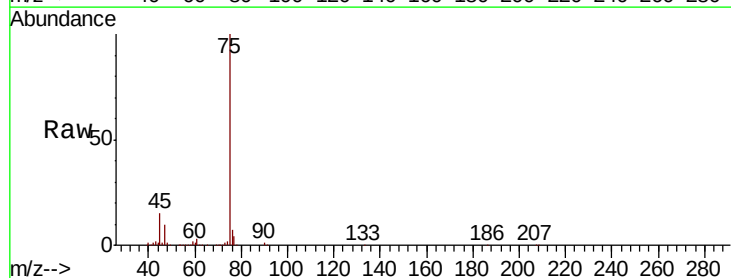
Acq: 11 Aug 2018 05:00

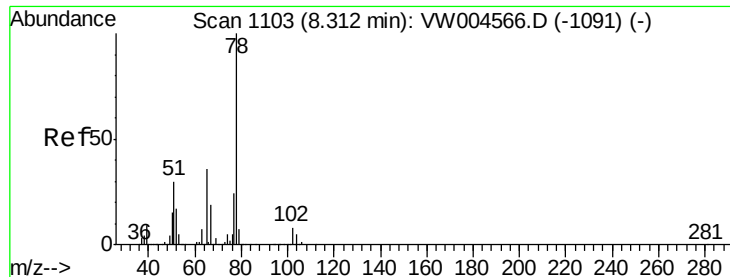
Tgt Ion: 77 Resp: 11010

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

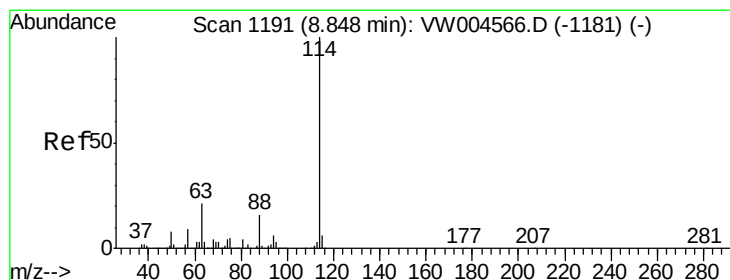
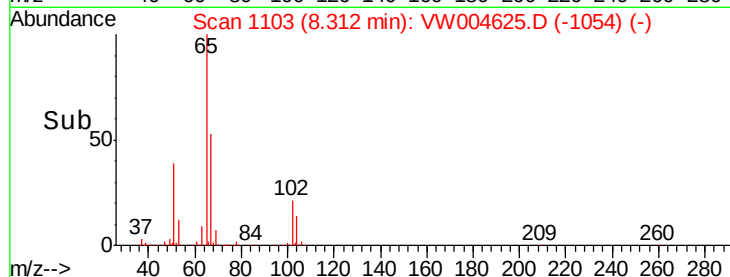
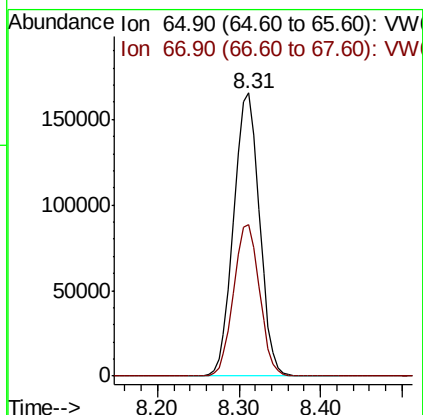
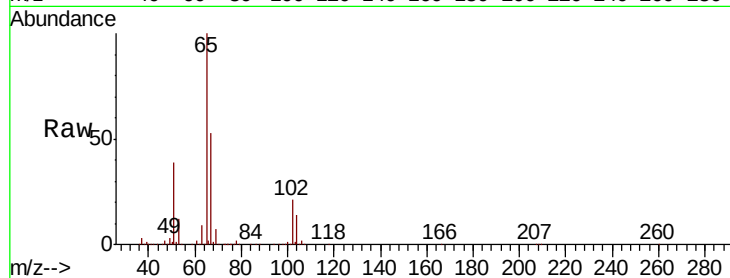




#33
 1,2-Dichloroethane-d4
 Concen: 46.597 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

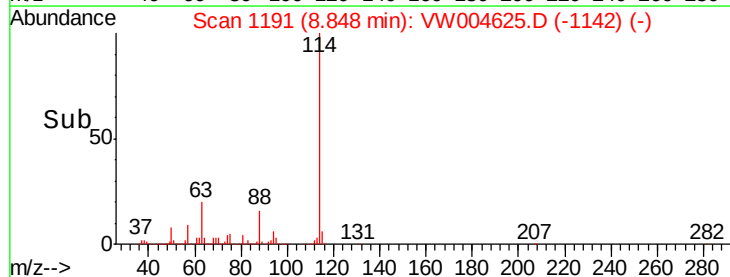
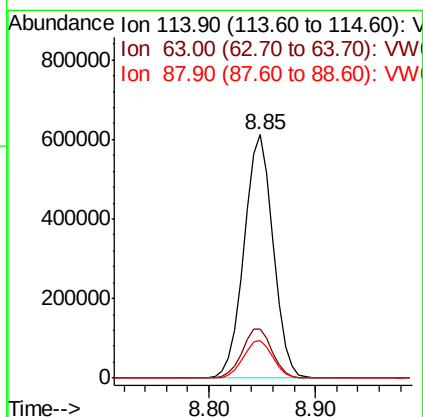
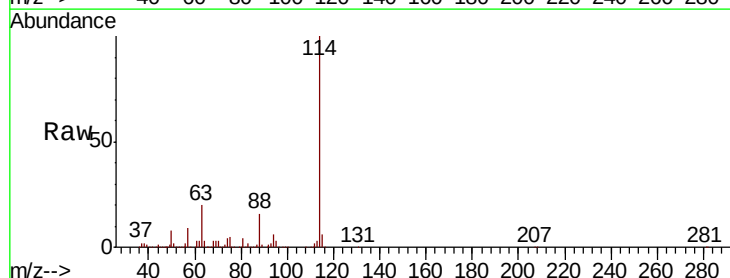
Instrument :
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 ClientSampleId :
 JC-03-080918-H

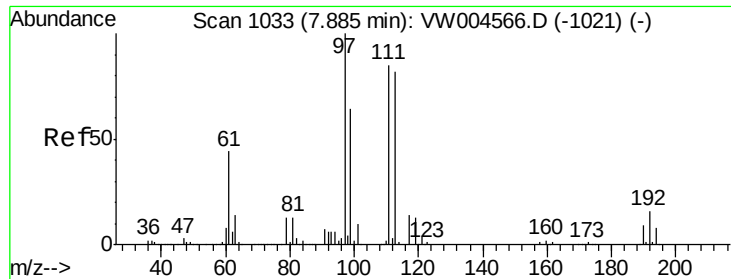
Tgt Ion: 65 Resp: 360960
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

Tgt Ion: 114 Resp: 1172981
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.7 0.0 31.2

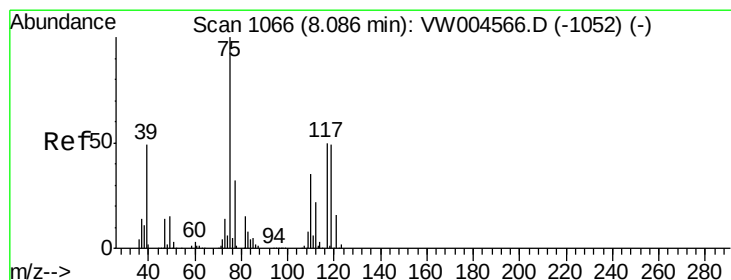
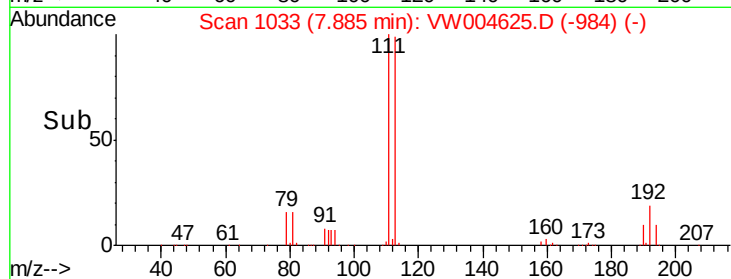
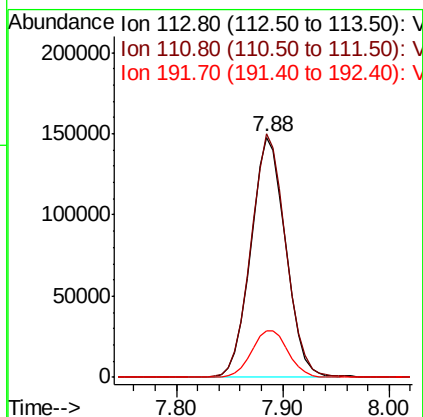
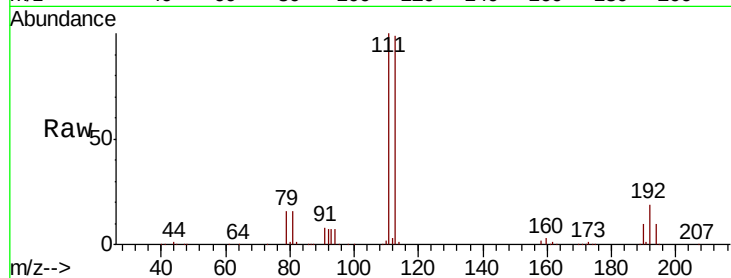




#35
 Dibromofluoromethane
 Concen: 43.194 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

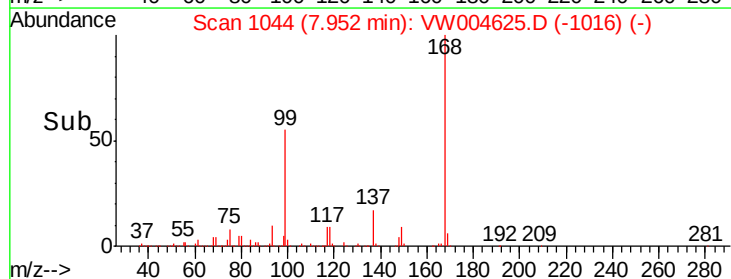
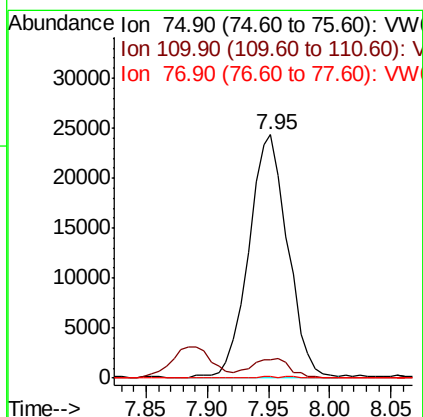
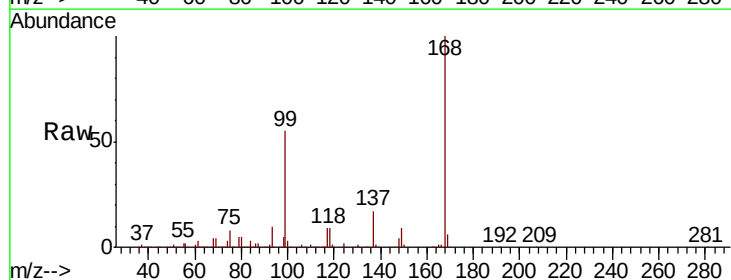
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-H

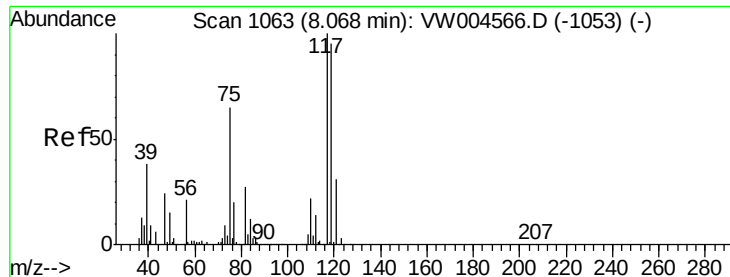
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	20.4	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.273 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.2	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.867 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004625.D

Acq: 11 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-H

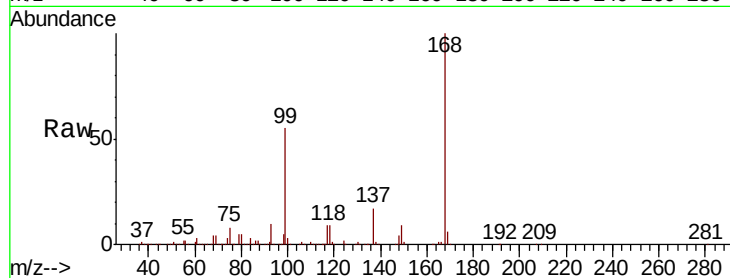
Tgt Ion:117 Resp: 66677

Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

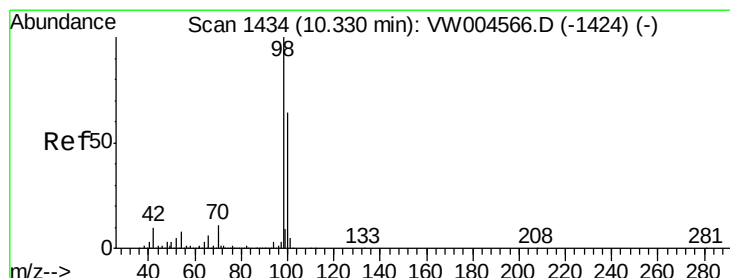
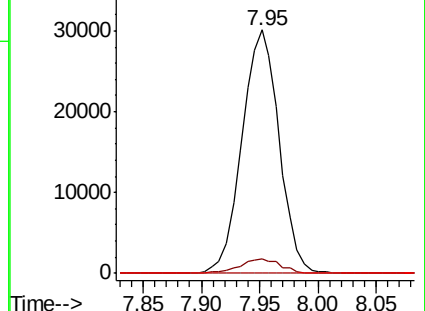
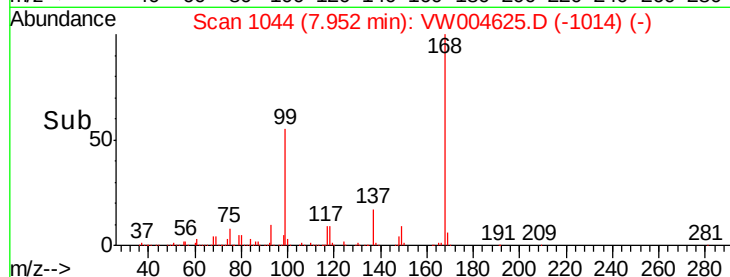
121 0.0 24.2 36.4#



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: 35.993 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004625.D

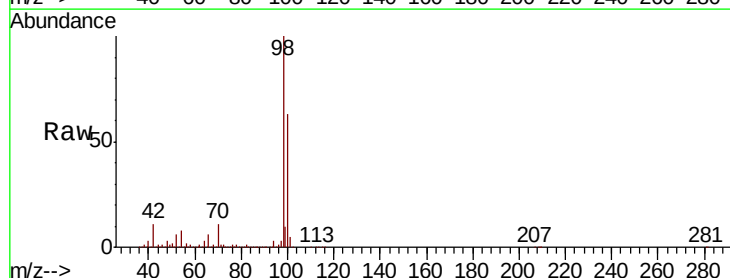
Acq: 11 Aug 2018 05:00

Tgt Ion: 98 Resp: 1073197

Ion Ratio Lower Upper

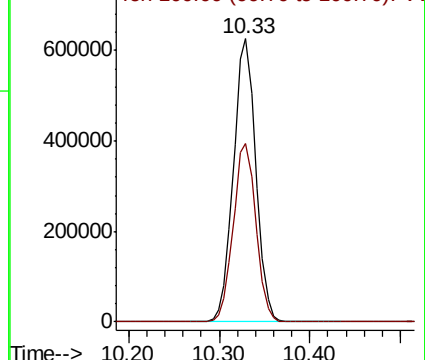
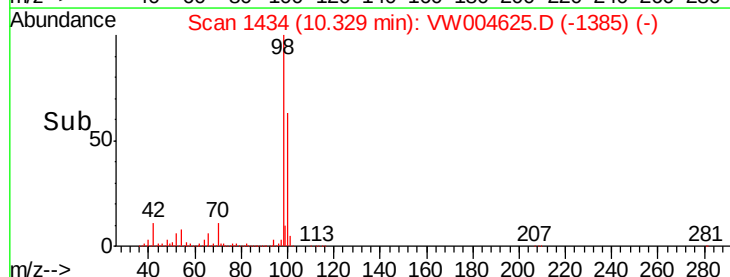
98 100

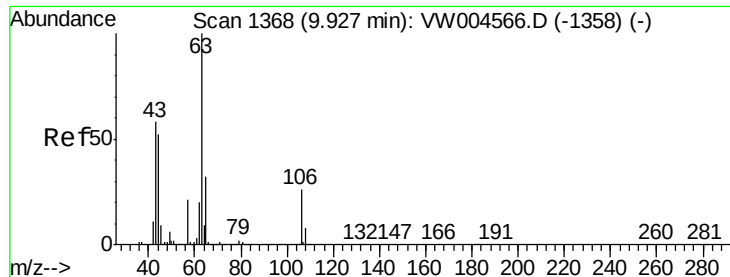
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

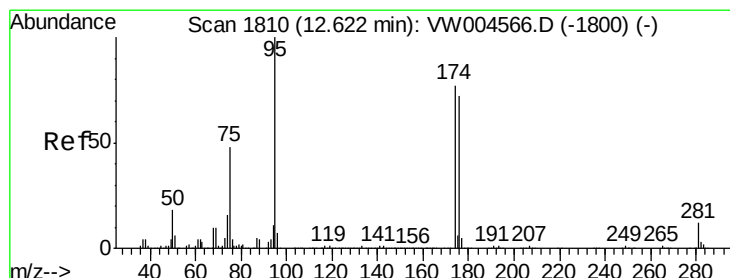
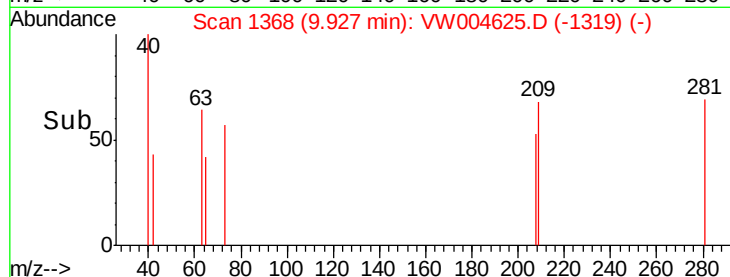
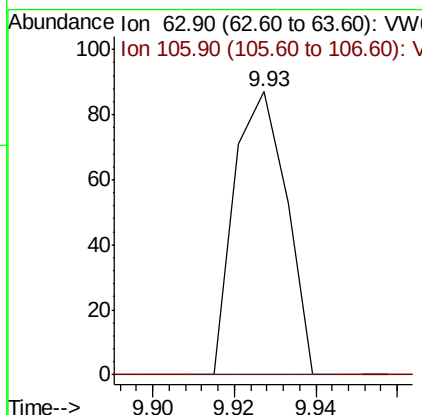
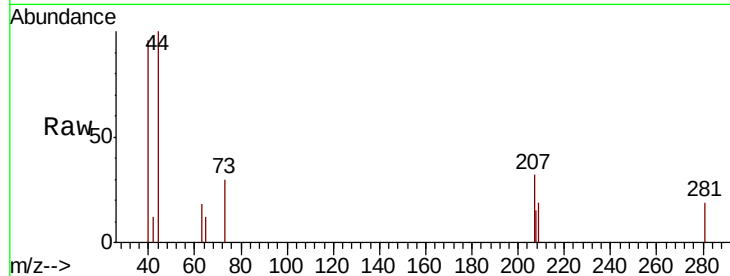




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.961 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

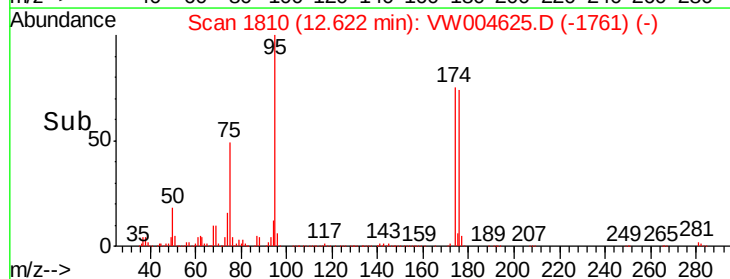
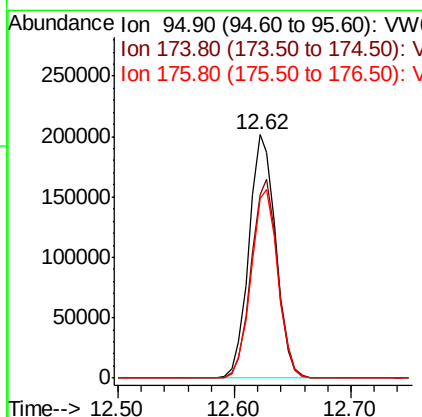
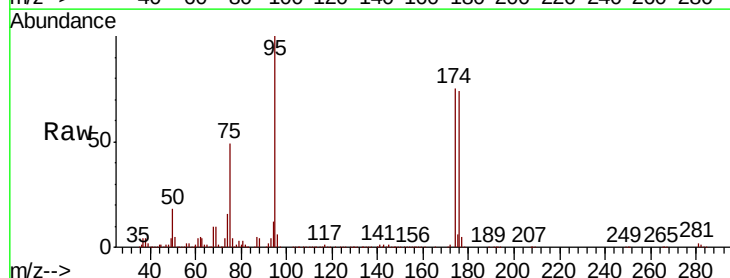
Instrument :
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 JC-03-080918-H

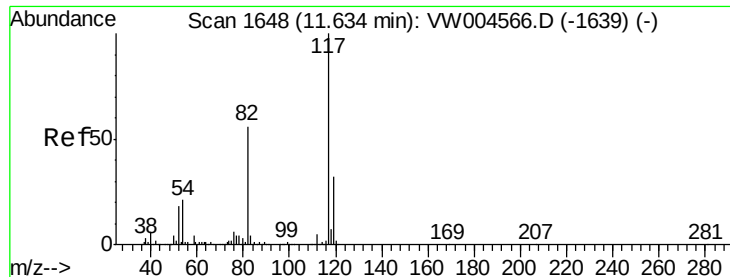
Tgt Ion: 63 Resp: 77
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 30.097 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004625.D
 Acq: 11 Aug 2018 05:00

Tgt Ion: 95 Resp: 323255
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 160.4
 176 77.7 0.0 153.2

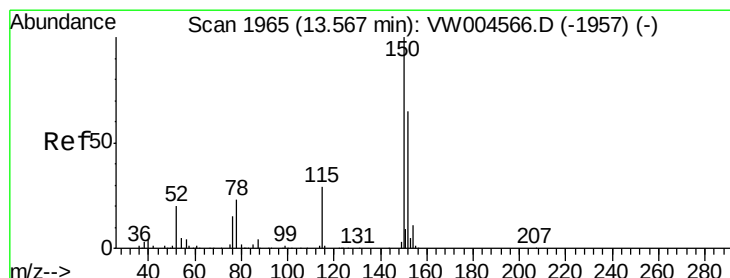
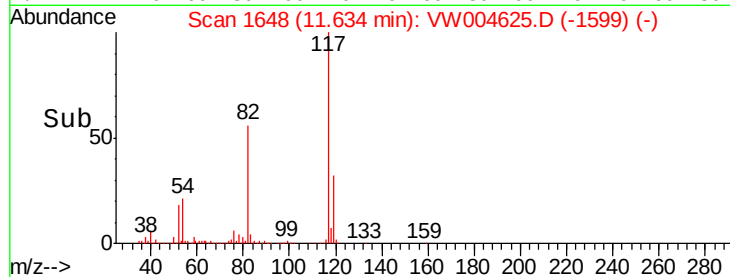
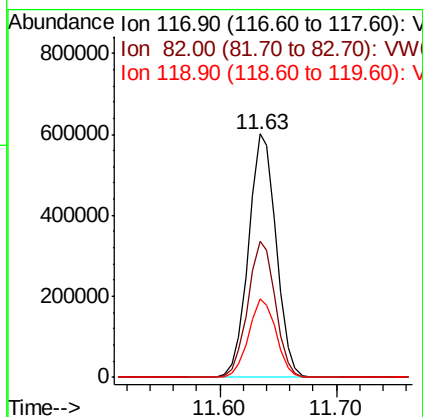
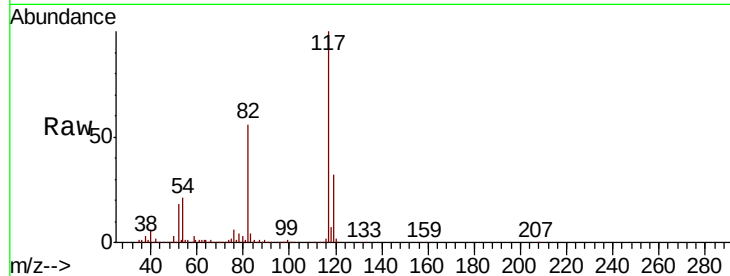




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004625.D
Acq: 11 Aug 2018 05:00

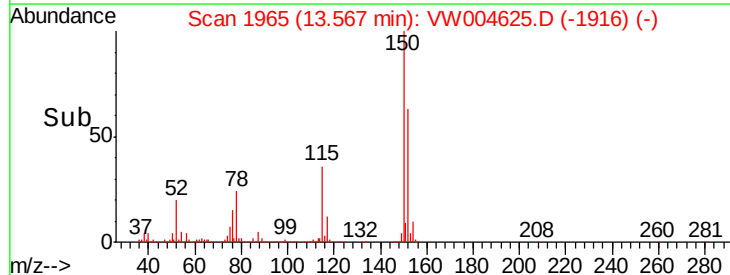
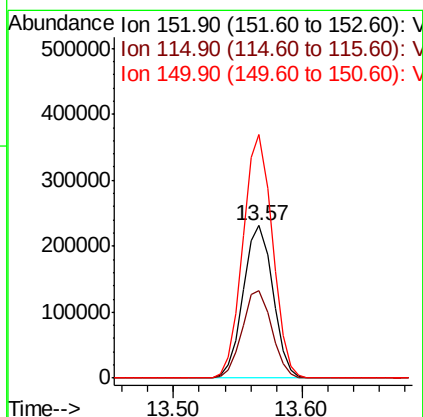
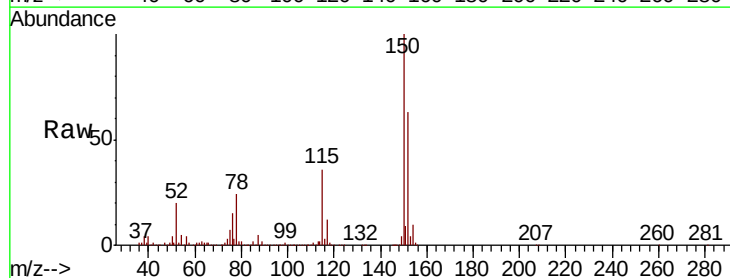
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-H

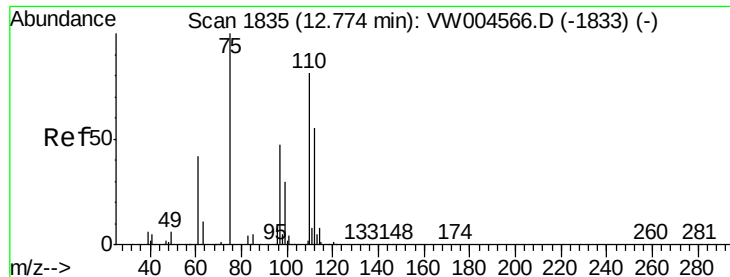
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.3	67.9
119	32.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004625.D
Acq: 11 Aug 2018 05:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.1	87.3
150	159.3	0.0	349.6





#76

1,2,3-Trichloropropane

Concen: 41.470 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004625.D

Acq: 11 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

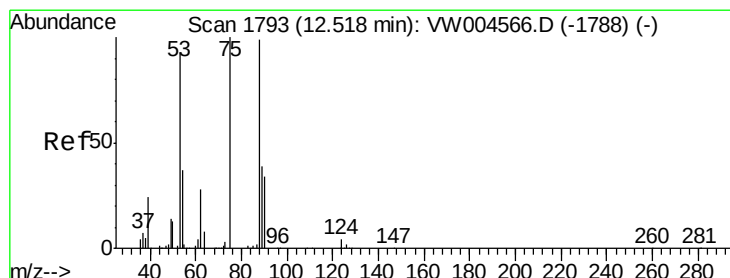
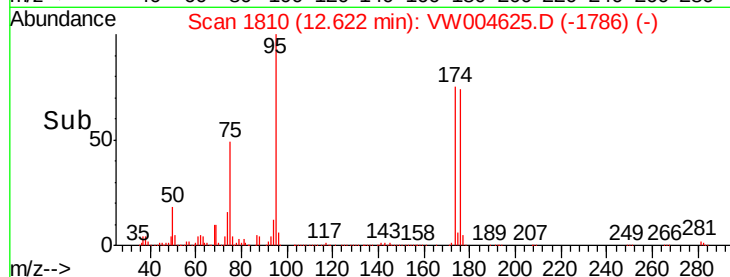
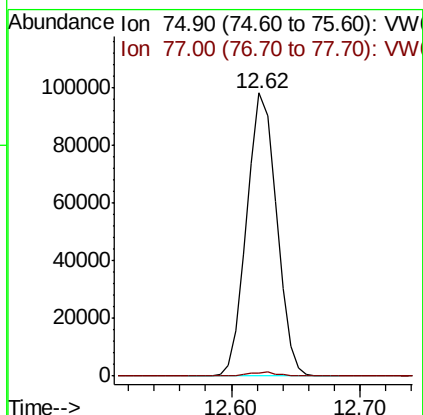
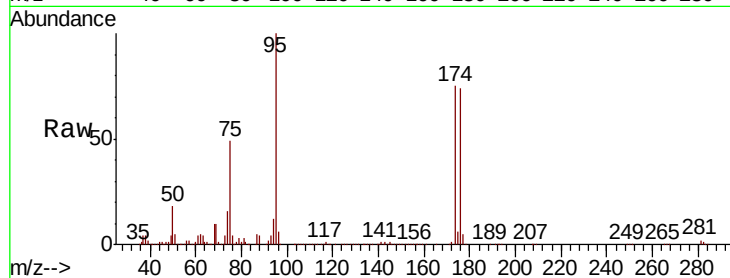
JC-03-080918-H

Tgt Ion: 75 Resp: 157524

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.273 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004625.D

Acq: 11 Aug 2018 05:00

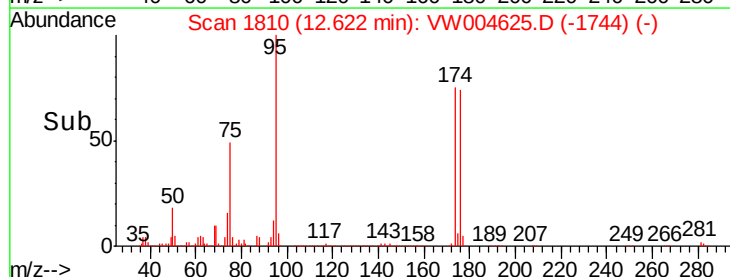
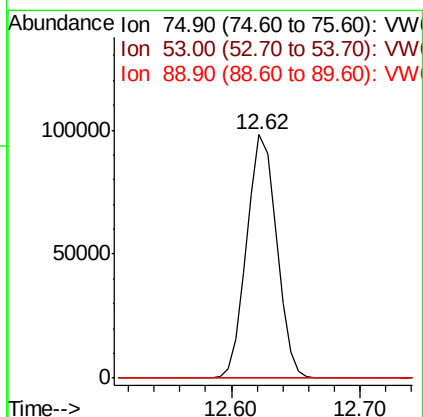
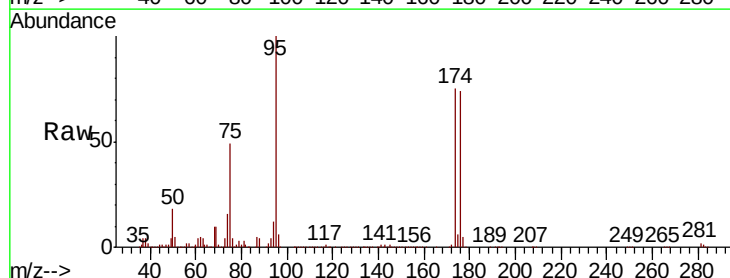
Tgt Ion: 75 Resp: 157524

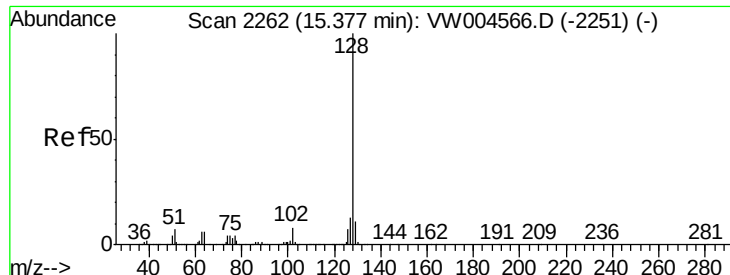
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 2.970 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004625.D

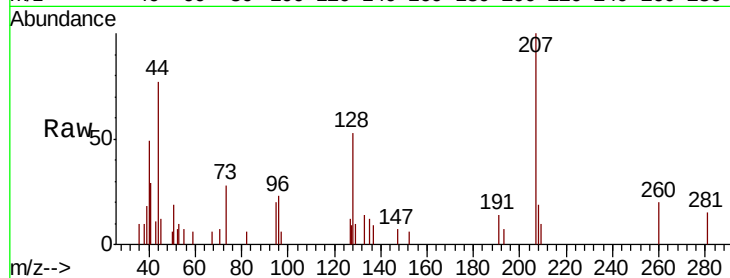
Acq: 11 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-H



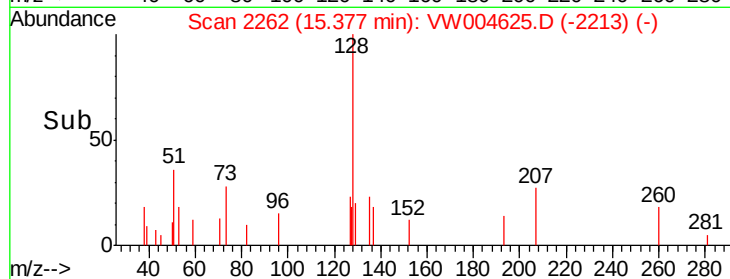
Tgt Ion:128 Resp: 962

Ion Ratio Lower Upper

128 100

127 9.9 10.3 15.5#

129 5.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

