

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004621.D
 Acq On : 11 Aug 2018 03:17
 Operator : SY/AP
 Sample : J4272-07
 Misc : 6.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Aug 11 03:58:29 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	659628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1166104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	856501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	344634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	374037	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	340284	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
50) Toluene-d8	10.33	98	760702	25.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.32%	
62) 4-Bromofluorobenzene	12.62	95	316699	29.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.32%	

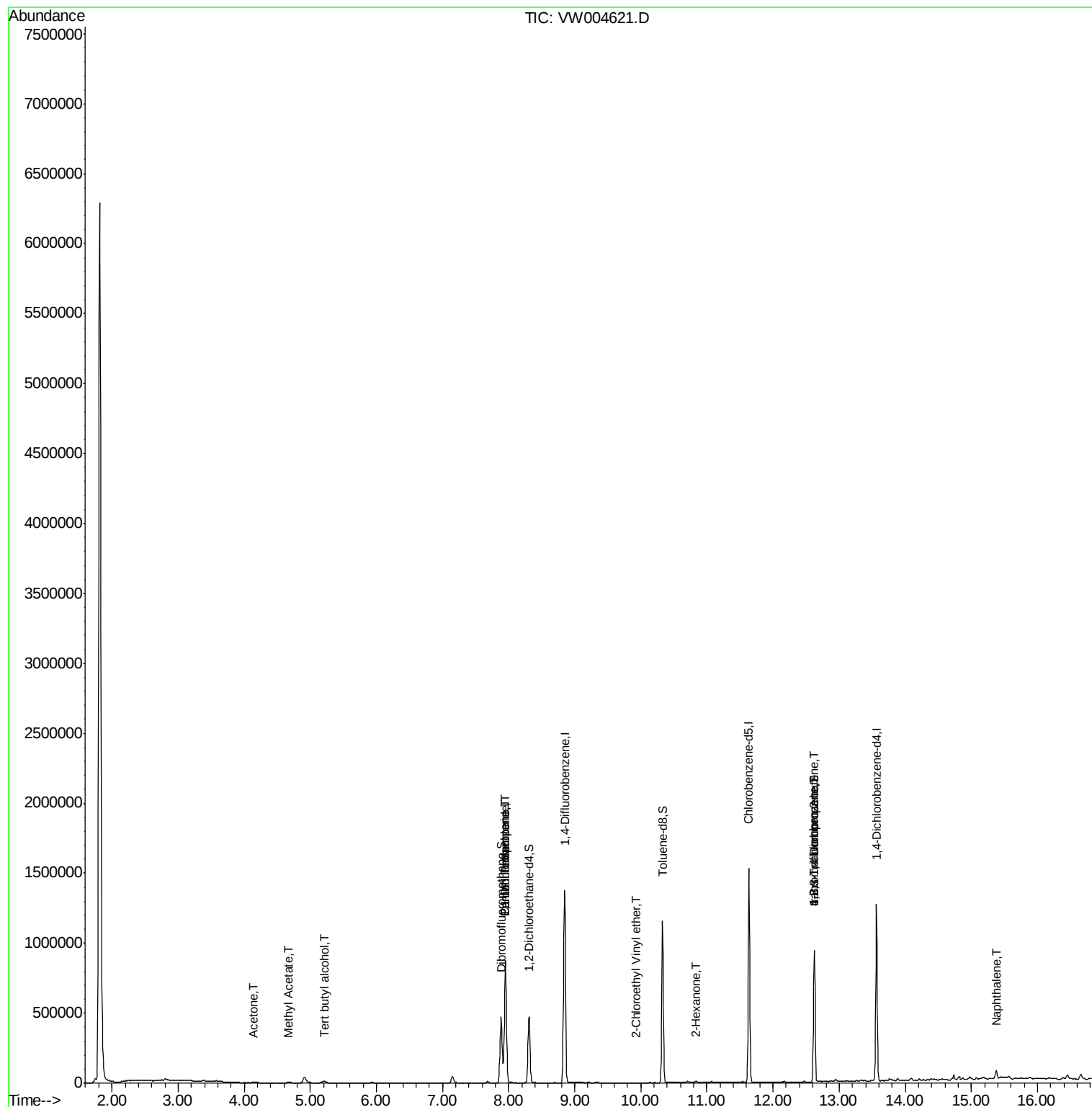
Target Compounds						Qvalue
11) Tert butyl alcohol	5.20	59	20138	47.102	ug/l	100
16) Acetone	4.14	43	4704	2.580	ug/l #	87
18) Methyl Acetate	4.67	43	7965	1.752	ug/l	97
20) Methylene Chloride	4.91	84	34725	Below Cal		97
36) 1,1-Dichloropropene	7.95	75	50928	4.056	ug/l #	48
38) Carbon Tetrachloride	7.95	117	61695	5.461	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	40	8.953	ug/l #	25
59) 2-Hexanone	10.83	43	7118	1.471	ug/l	74
76) 1,2,3-Trichloropropane	12.62	75	152893	42.873	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	152893	102.632	ug/l #	12
95) Naphthalene	15.38	128	52900	6.149	ug/l	97

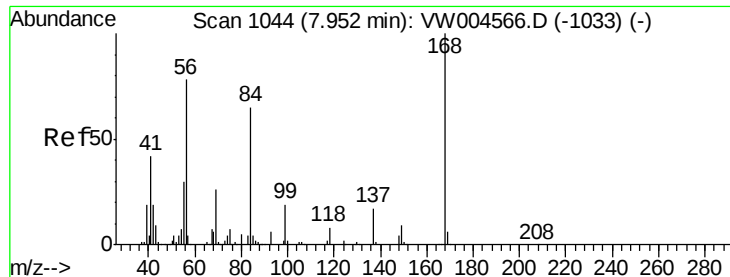
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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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: VW004621.D

Acq: 11 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

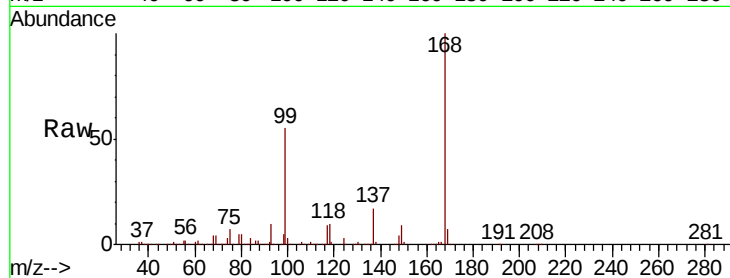
JC-03-080918-D

Tgt Ion:168 Resp: 659628

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

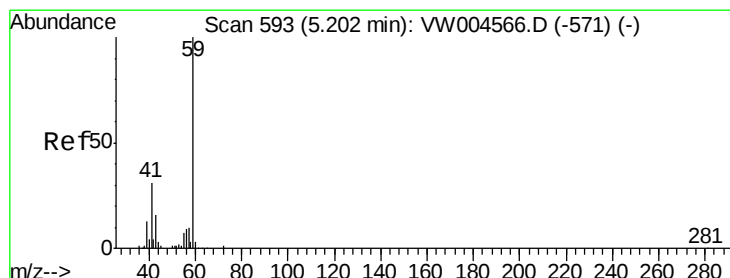
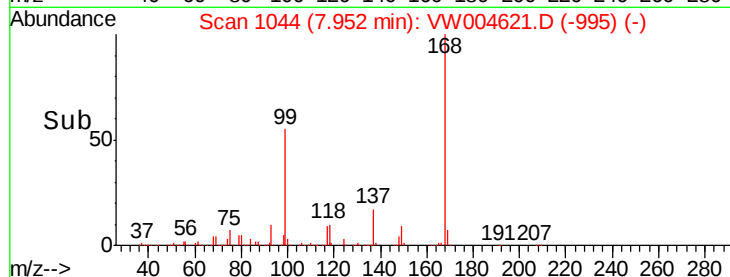
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 47.102 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004621.D

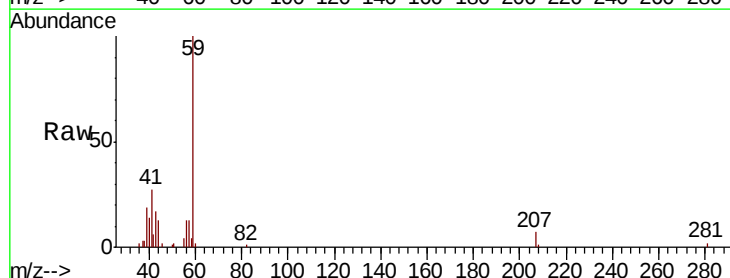
Acq: 11 Aug 2018 03:17

Tgt Ion: 59 Resp: 20138

Ion Ratio Lower Upper

59 100

57 11.4 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

5000

4000

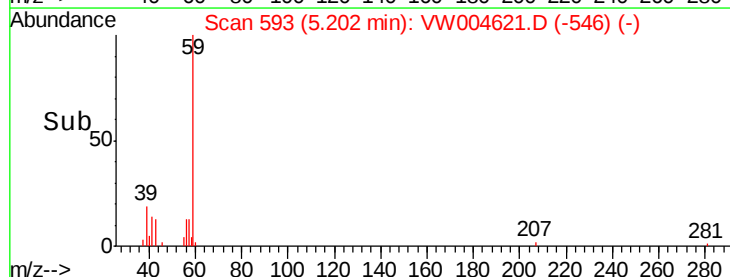
3000

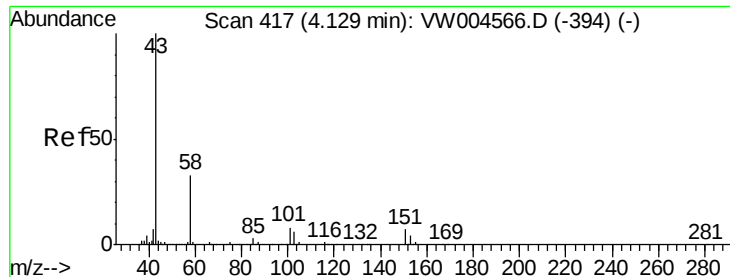
2000

1000

0

Time-->

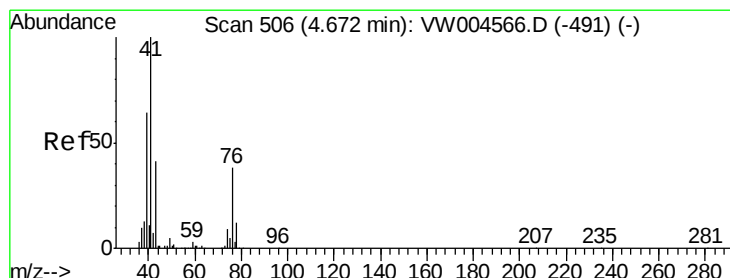
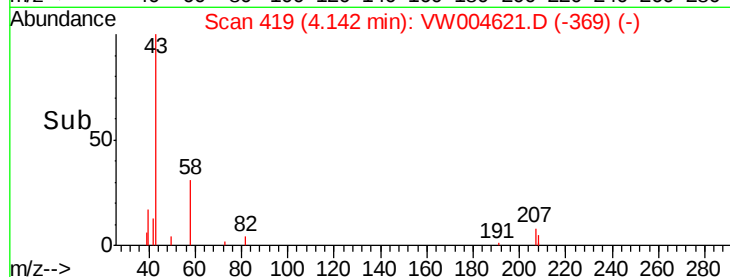
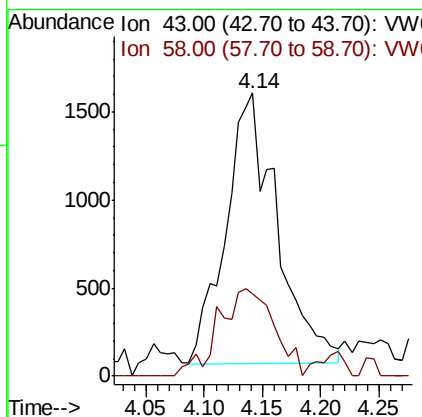
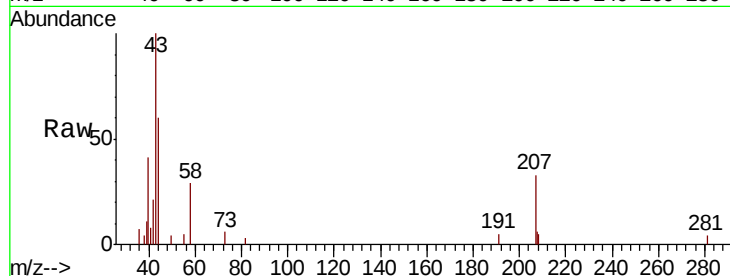




#16
Acetone
Concen: 2.580 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

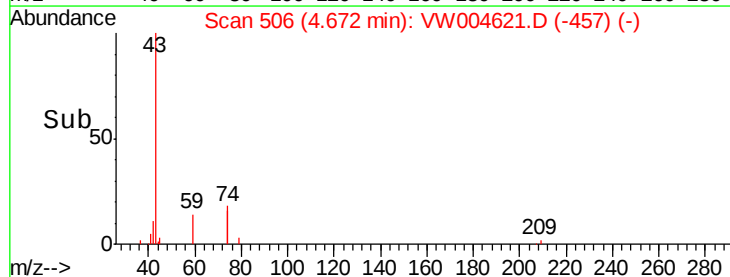
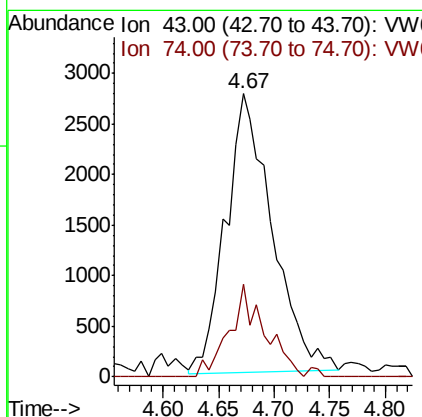
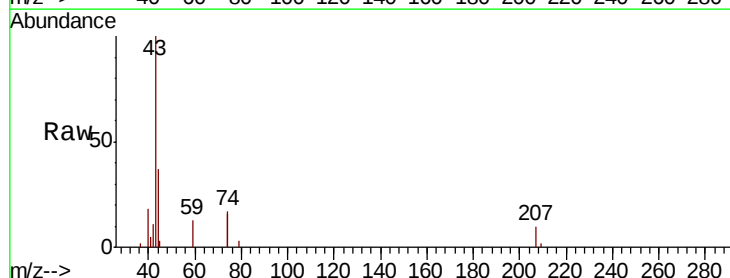
Instrument :
MSVOA_W
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JC-03-080918-D

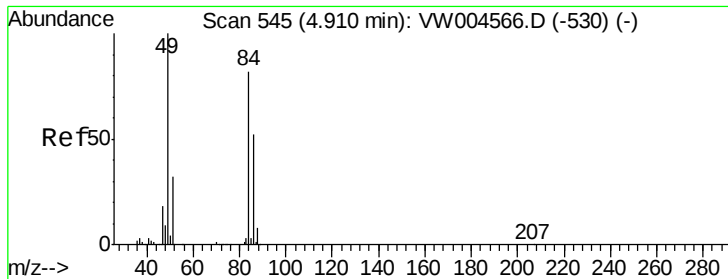
Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
58 26.1 26.8 40.2#



#18
Methyl Acetate
Concen: 1.752 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

Tgt Ion: 43 Resp: 7965
Ion Ratio Lower Upper
43 100
74 25.4 19.1 28.7

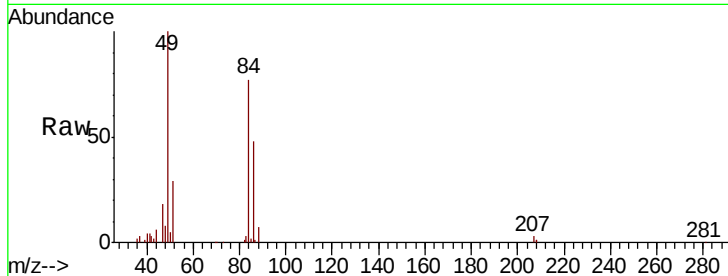




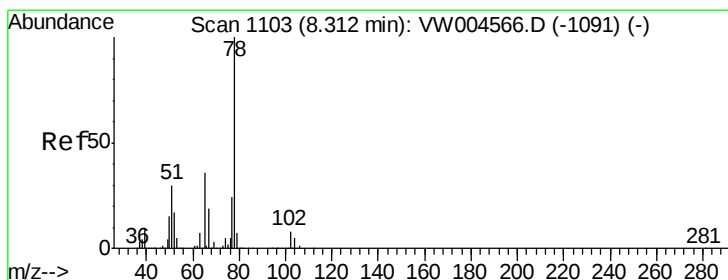
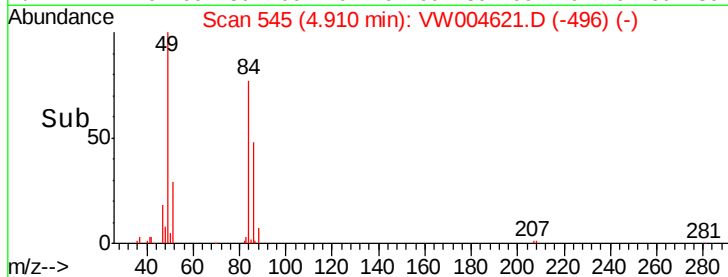
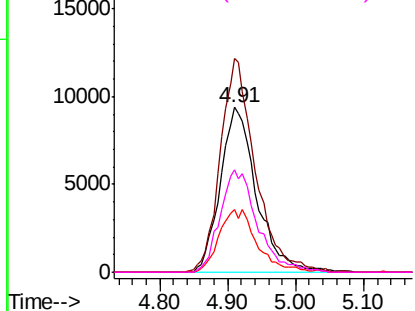
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

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

Tgt Ion:	84	Resp:	34725
Ion	Ratio	Lower	Upper
84	100		
49	129.3	99.6	149.4
51	37.9	31.0	46.4
86	62.2	51.5	77.3

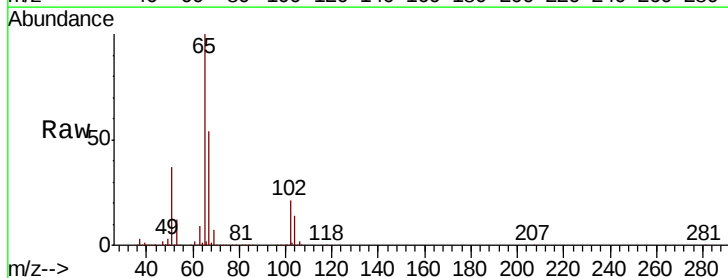


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

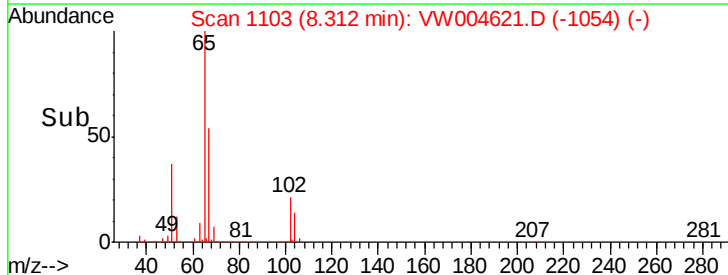
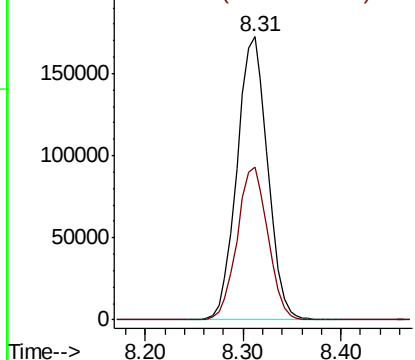


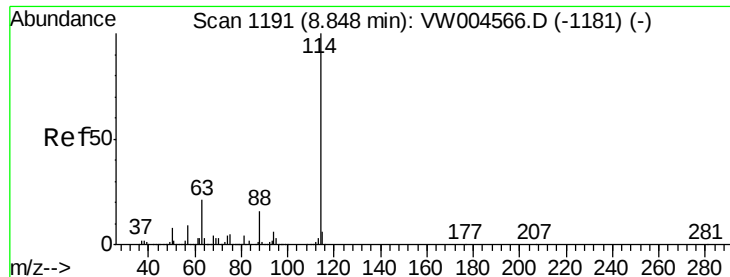
#33
1,2-Dichloroethane-d4
Concen: 51.225 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

Tgt Ion:	65	Resp:	374037
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

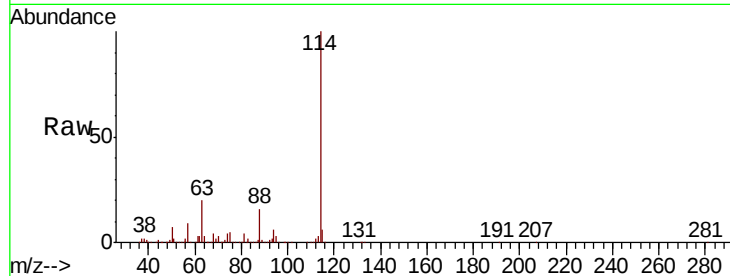




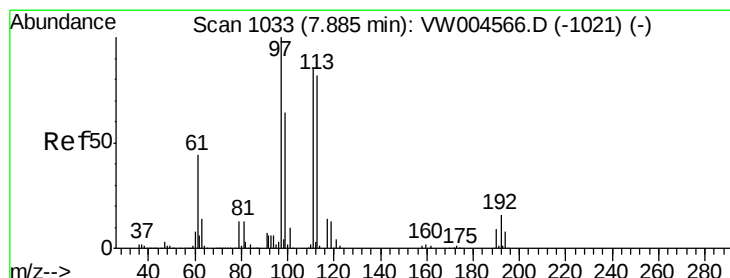
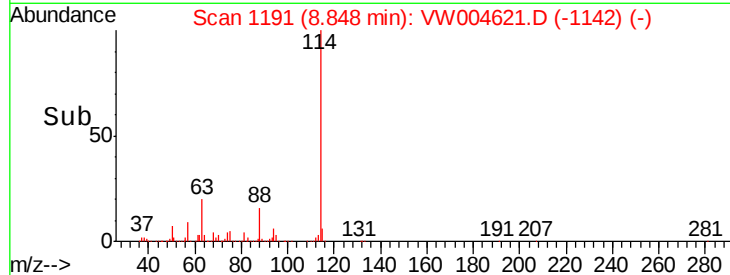
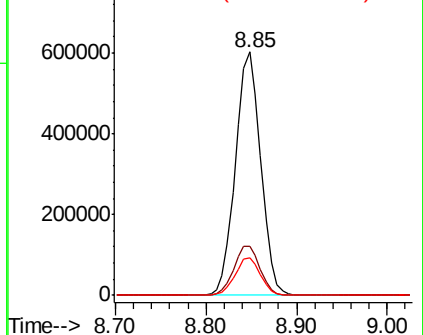
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

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

Tgt Ion:114 Resp: 1166104
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.7 0.0 31.2

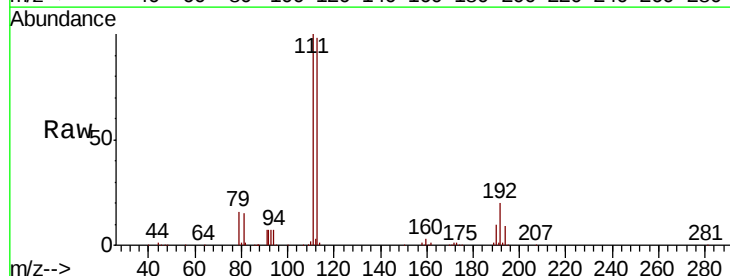


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

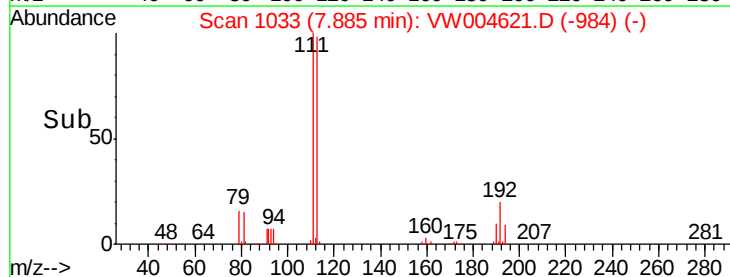
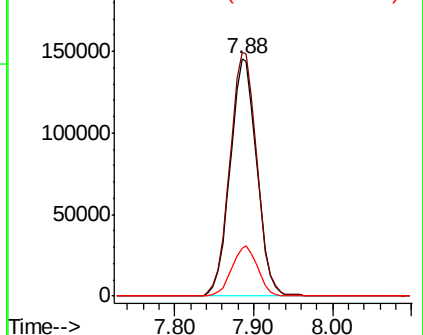


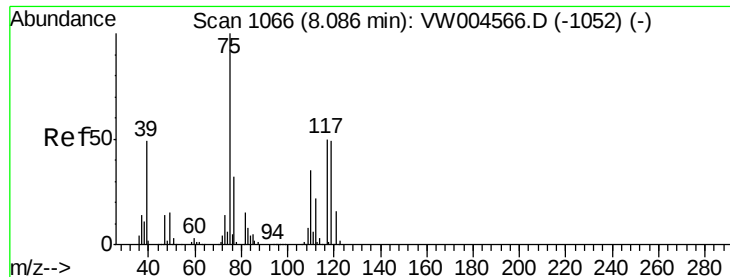
#35
 Dibromofluoromethane
 Concen: 43.765 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

Tgt Ion:113 Resp: 340284
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 20.6 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

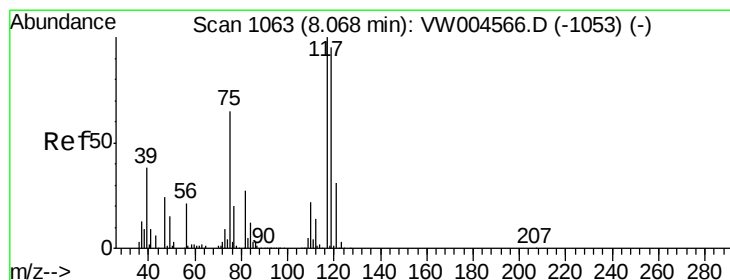
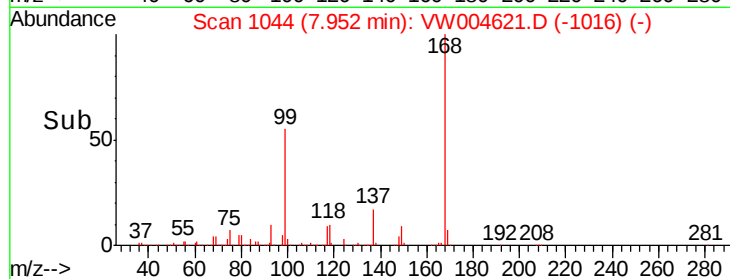
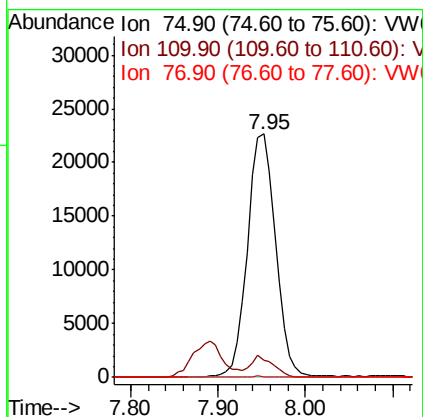
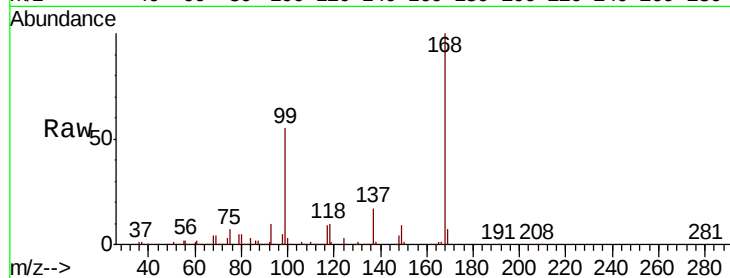




#36
 1,1-Dichloropropene
 Concen: 4.056 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

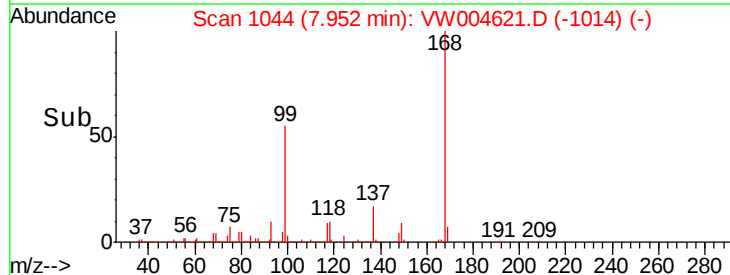
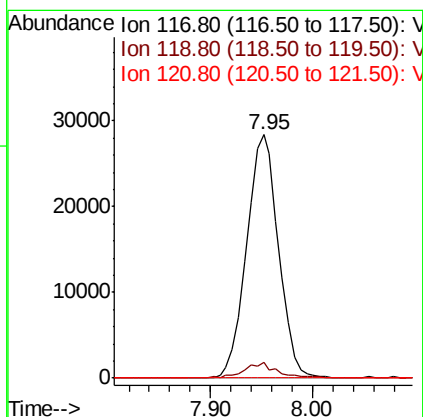
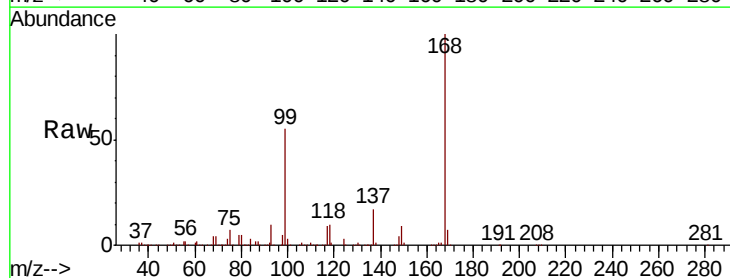
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-D

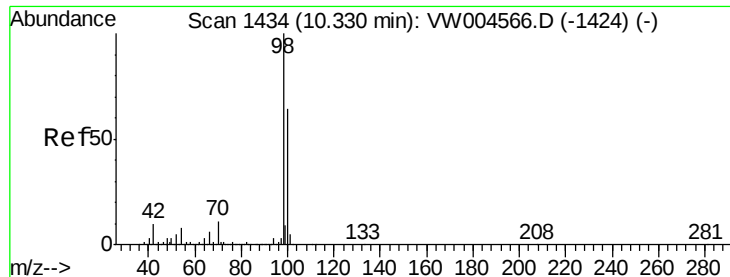
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.4	52.2#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.461 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.1	114.1#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 25.663 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004621.D

Acq: 11 Aug 2018 03:17

Instrument :

MSVOA_W

ClientSampleId :

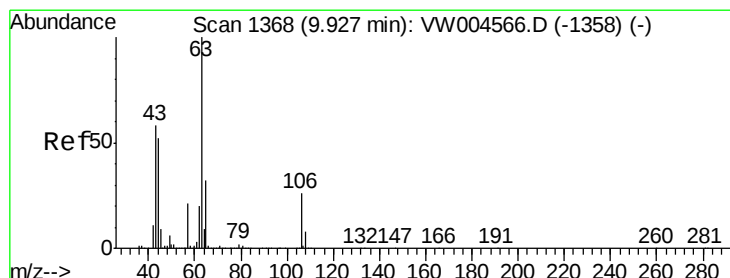
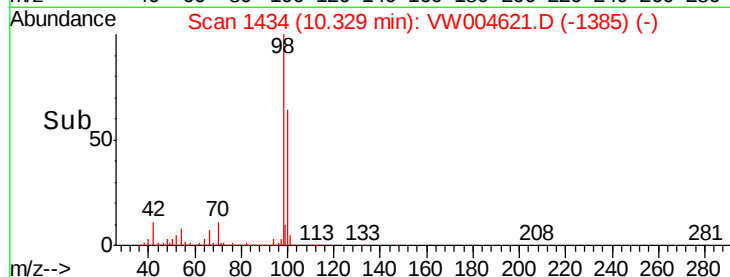
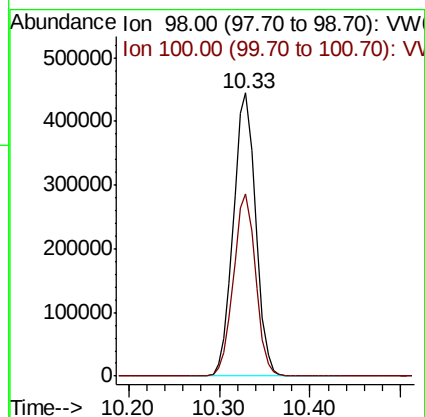
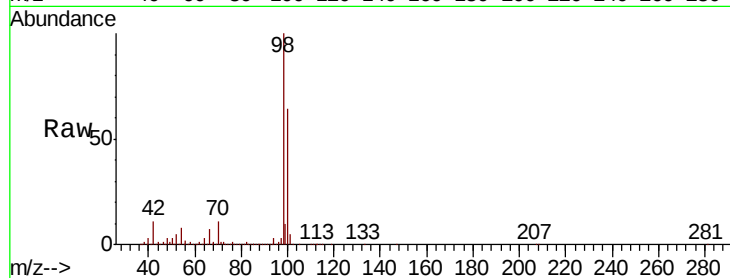
JC-03-080918-D

Tgt Ion: 98 Resp: 760702

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.953 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004621.D

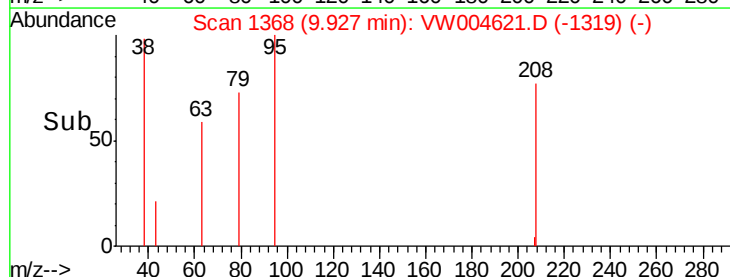
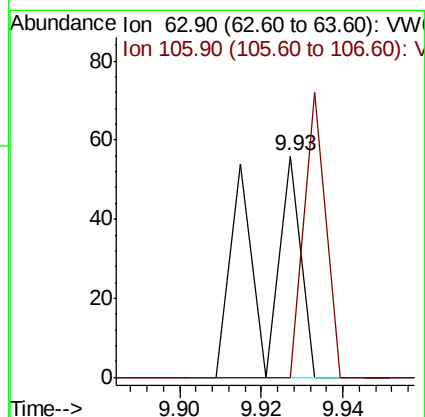
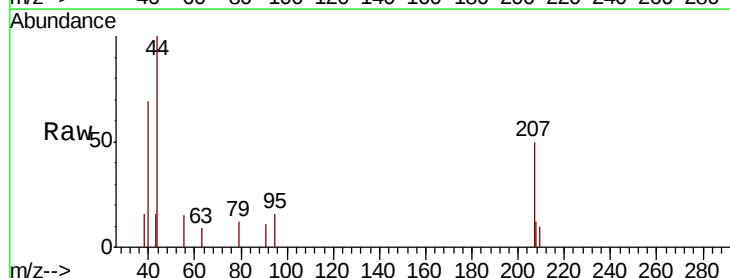
Acq: 11 Aug 2018 03:17

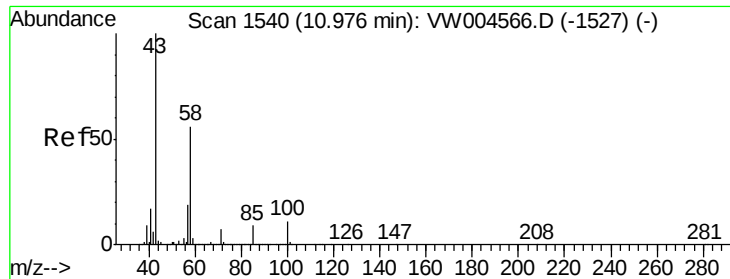
Tgt Ion: 63 Resp: 40

Ion Ratio Lower Upper

63 100

106 65.0 21.3 31.9#

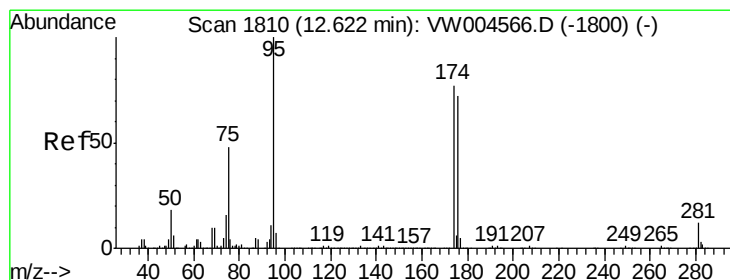
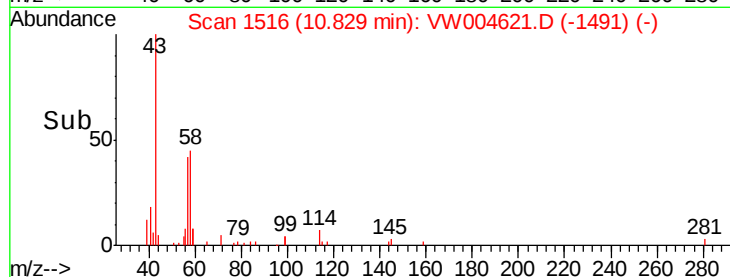
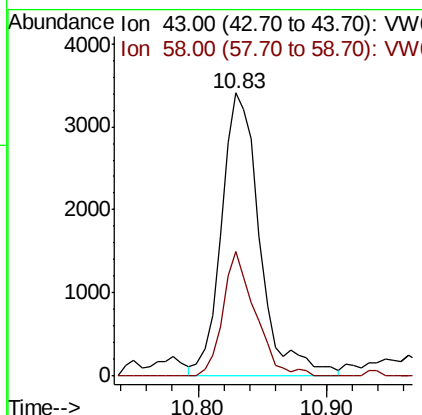
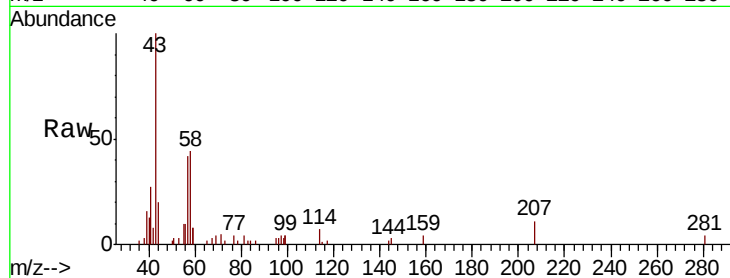




#59
2-Hexanone
Concen: 1.471 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.15 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

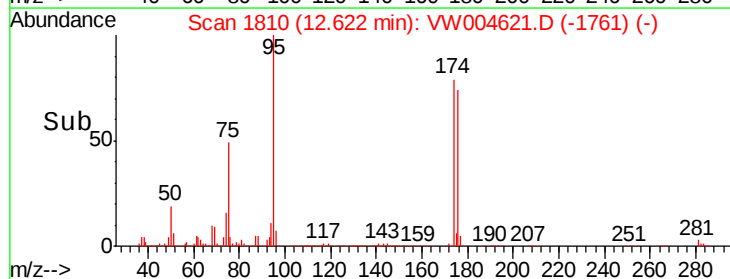
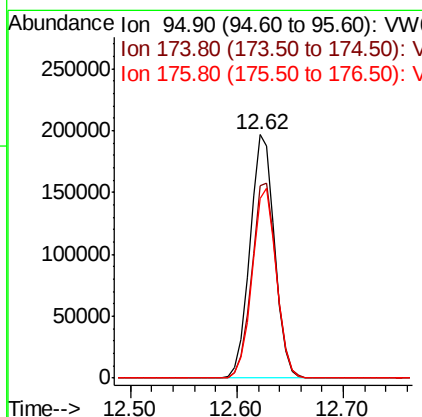
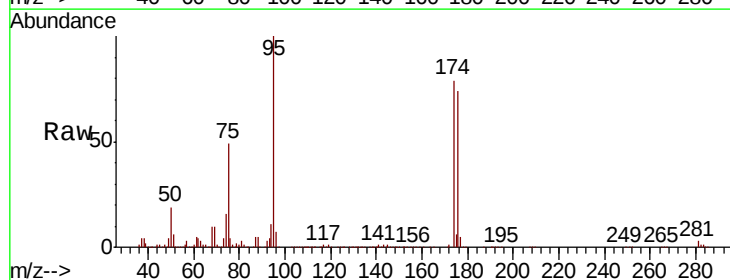
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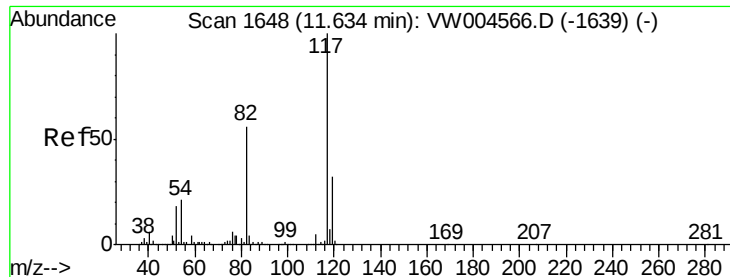
Tgt Ion: 43 Resp: 7118
Ion Ratio Lower Upper
43 100
58 36.8 27.9 83.6



#62
4-Bromofluorobenzene
Concen: 29.660 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

Tgt Ion: 95 Resp: 316699
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.4
176 77.1 0.0 153.2

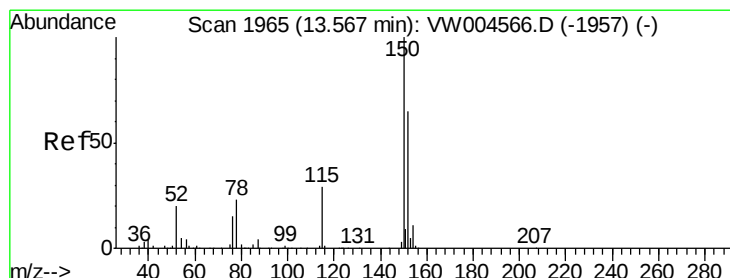
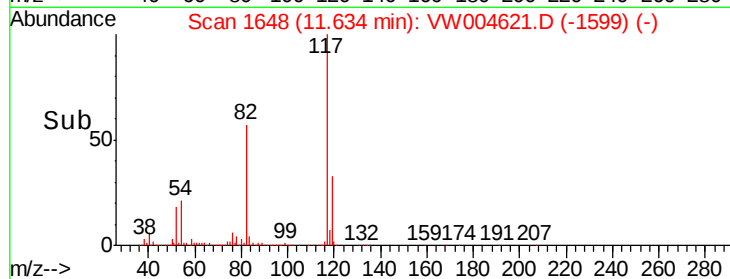
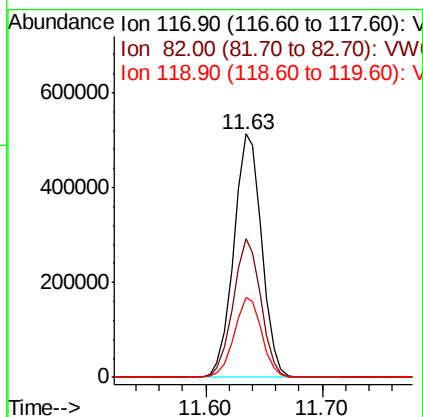
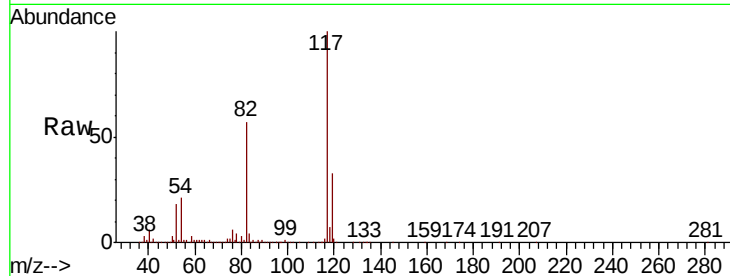




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

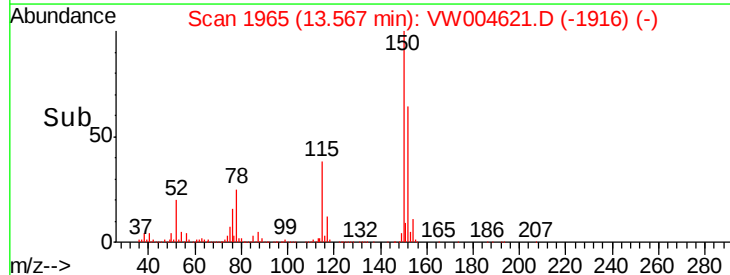
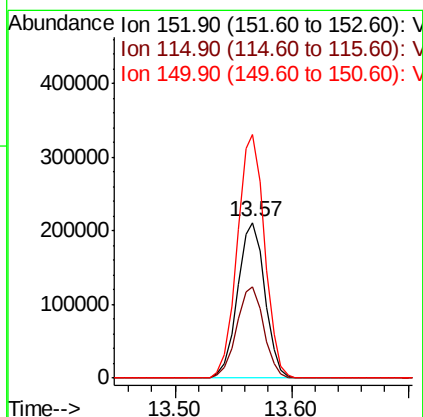
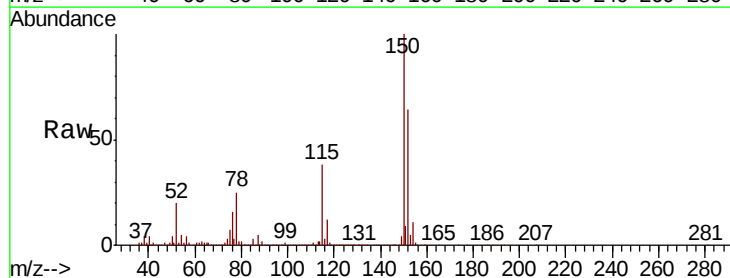
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-D

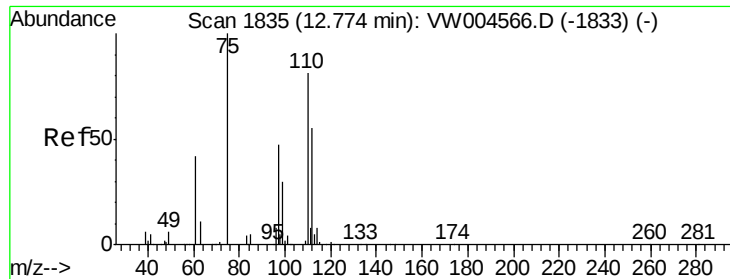
Tgt Ion:117 Resp: 856501
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

Tgt Ion:152 Resp: 344634
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 157.0 0.0 349.6

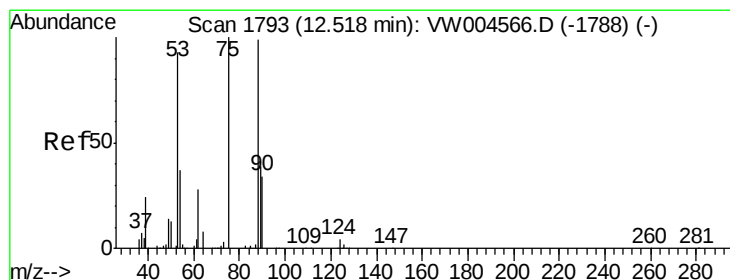
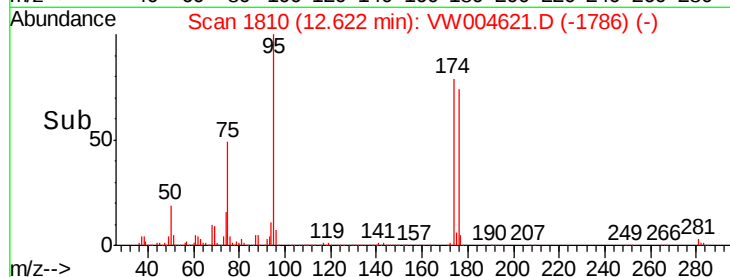
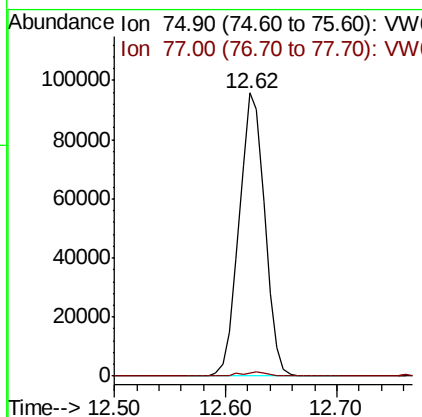
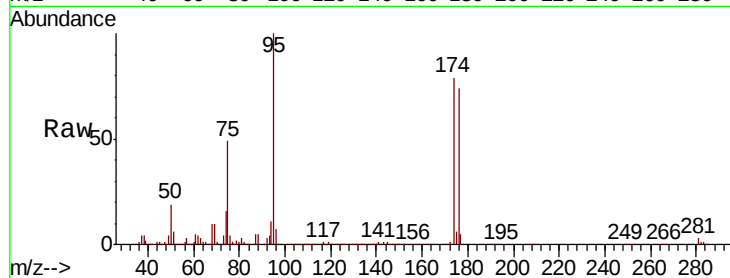




#76
 1,2,3-Trichloropropane
 Concen: 42.873 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

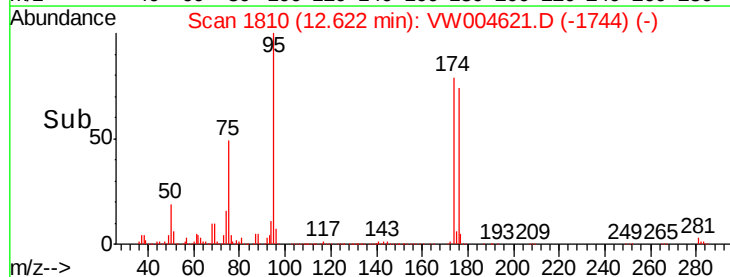
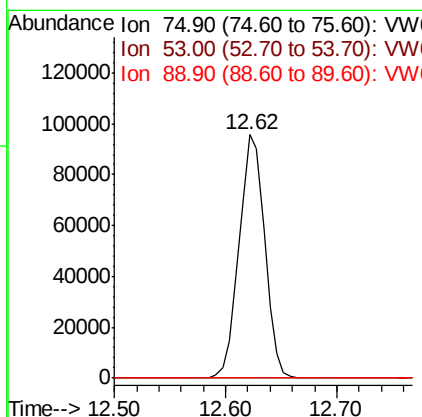
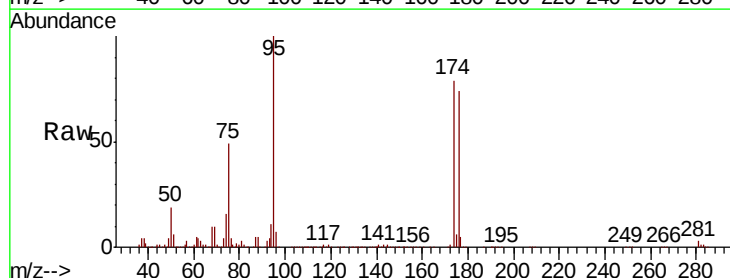
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-D

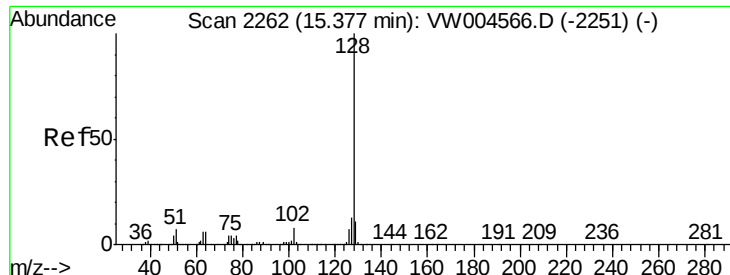
Tgt Ion: 75 Resp: 152893
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.632 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004621.D
 Acq: 11 Aug 2018 03:17

Tgt Ion: 75 Resp: 152893
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.4 111.6#
 89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 6.149 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004621.D
Acq: 11 Aug 2018 03:17

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	11.5	8.6	13.0

