

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004628.D
 Acq On : 11 Aug 2018 06:17
 Operator : SY/AP
 Sample : J4272-21
 Misc : 5.90G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Aug 11 06:37:22 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	639342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1107326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	892757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	292675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	344104	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.88	113	316561	42.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.76%	
50) Toluene-d8	10.33	98	949208	33.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.44%	
62) 4-Bromofluorobenzene	12.62	95	269712	26.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.20%	

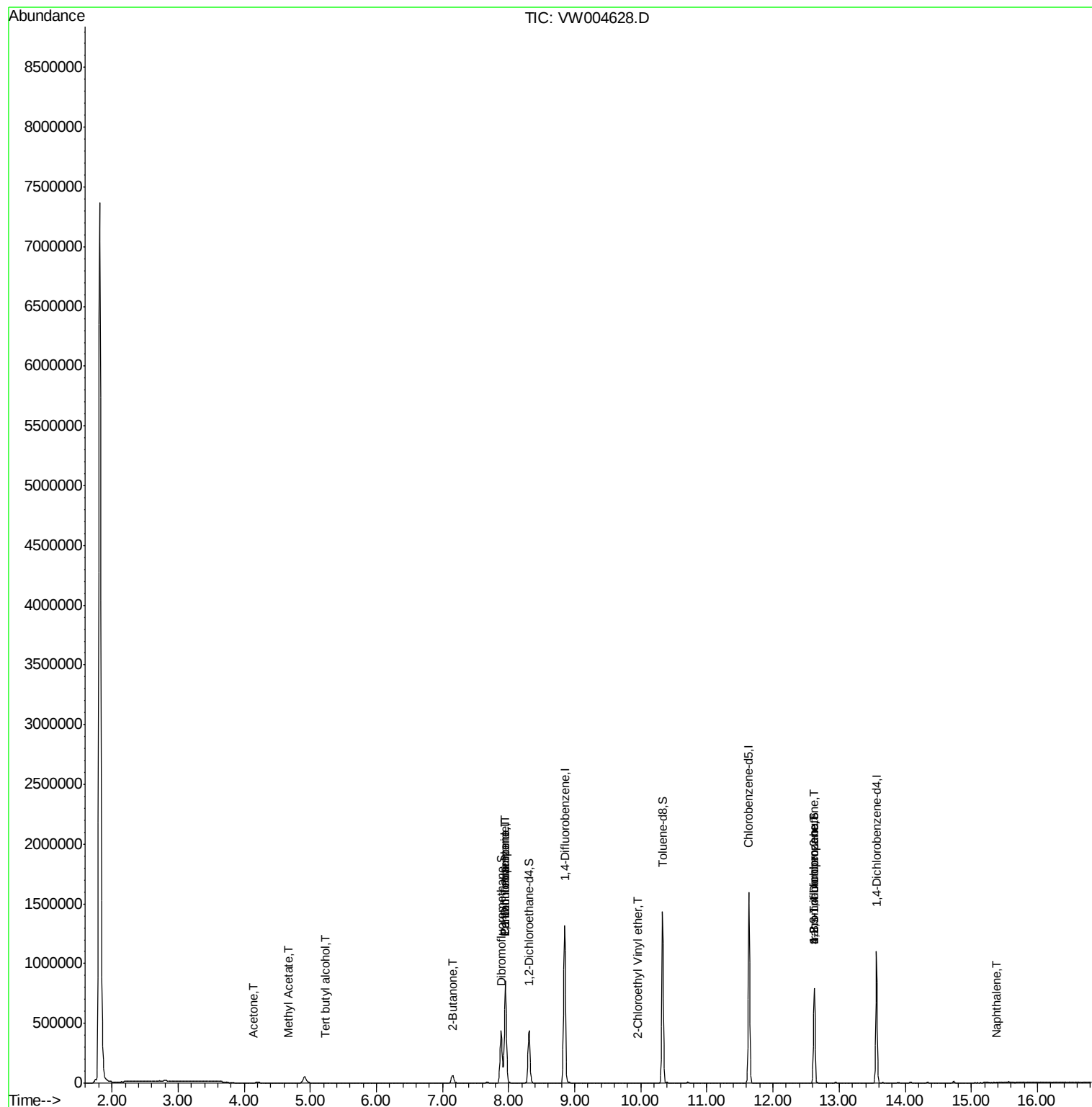
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	707	1.706	ug/l #	77
16) Acetone	4.14	43	2858	1.617	ug/l #	88
18) Methyl Acetate	4.67	43	5048	1.145	ug/l #	89
20) Methylene Chloride	4.91	84	45143	Below Cal		96
25) 2-Butanone	7.15	43	3531	1.242	ug/l #	77
36) 1,1-Dichloropropene	7.95	75	49475	4.150	ug/l #	49
38) Carbon Tetrachloride	7.95	117	61055	5.691	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.95	63	23	8.950	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	128856	42.547	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	128856	101.852	ug/l #	13
95) Naphthalene	15.38	128	863	2.977	ug/l #	78

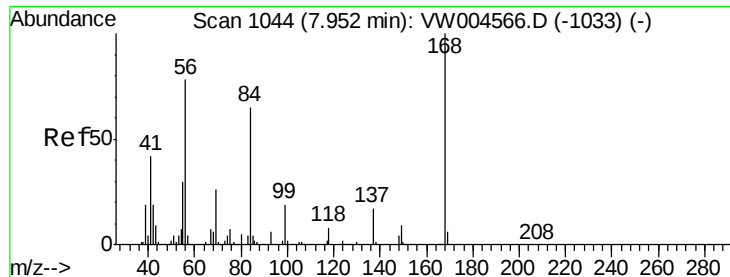
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004628.D

Acq: 11 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

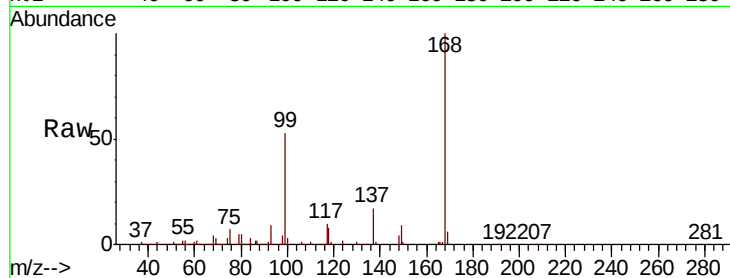
JC-03-080918-K

Tgt Ion:168 Resp: 639342

Ion Ratio Lower Upper

168 100

99 53.4 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

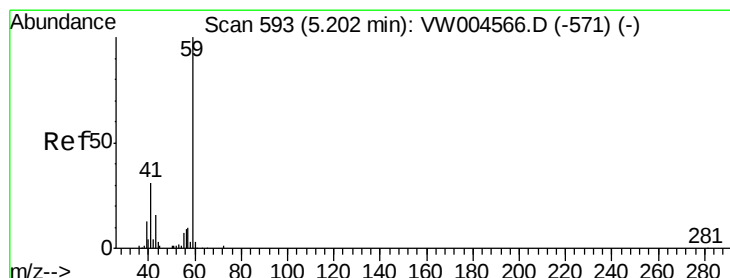
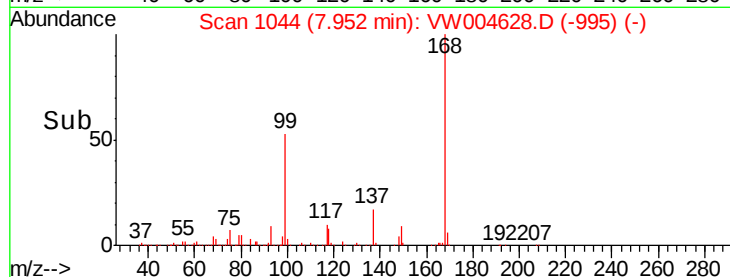
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.706 ug/l

RT: 5.23 min Scan# 597

Delta R.T. 0.01 min

Lab File: VW004628.D

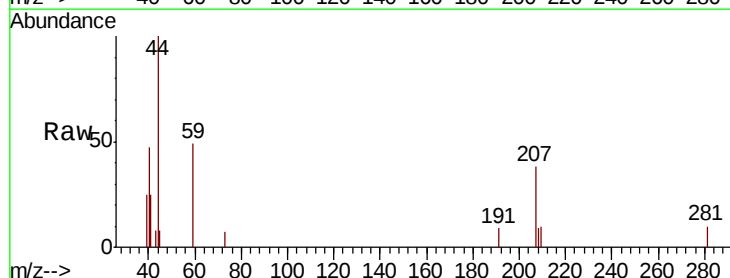
Acq: 11 Aug 2018 06:17

Tgt Ion: 59 Resp: 707

Ion Ratio Lower Upper

59 100

57 2.5 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

400

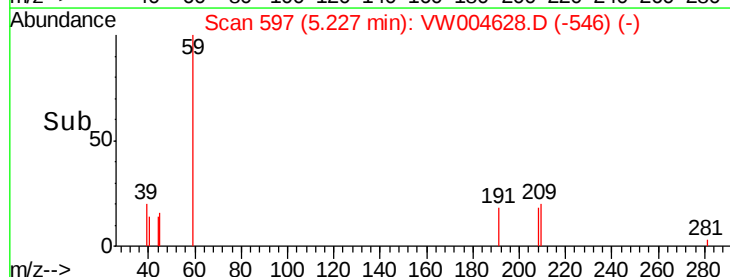
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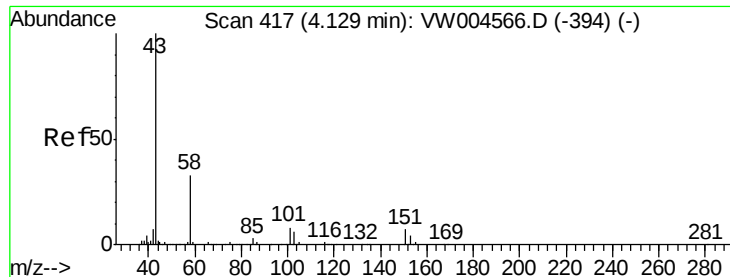
200

100

0

Time-->

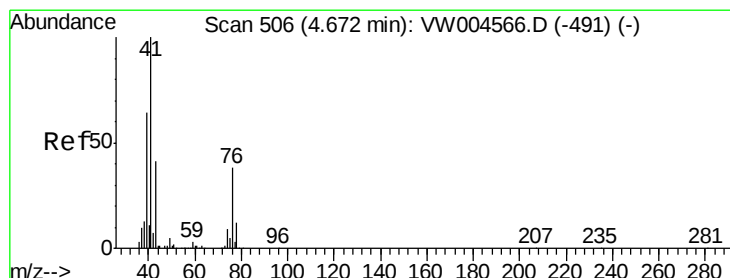
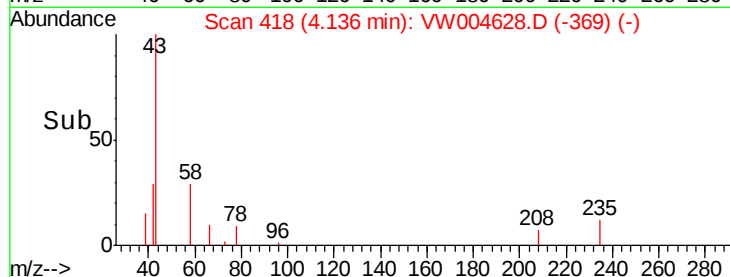
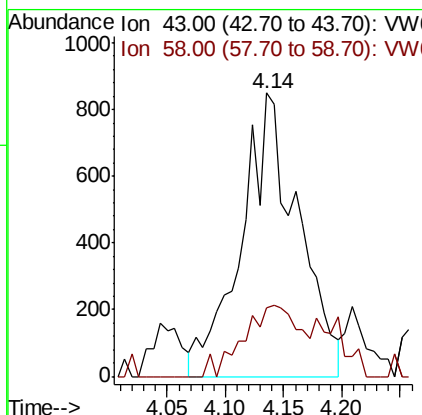
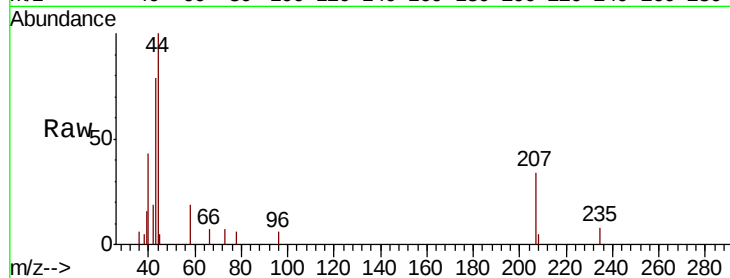




#16
Acetone
Concen: 1.617 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

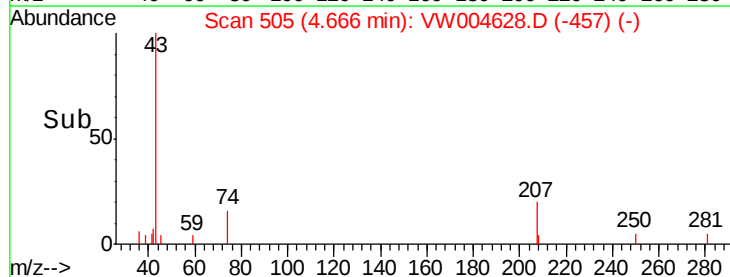
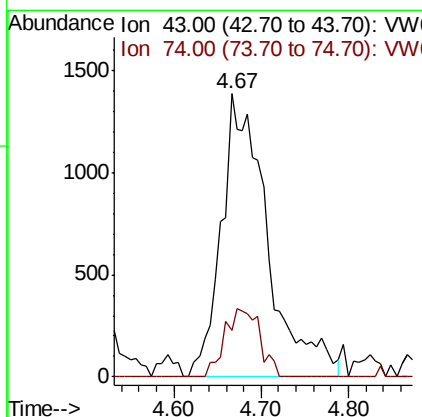
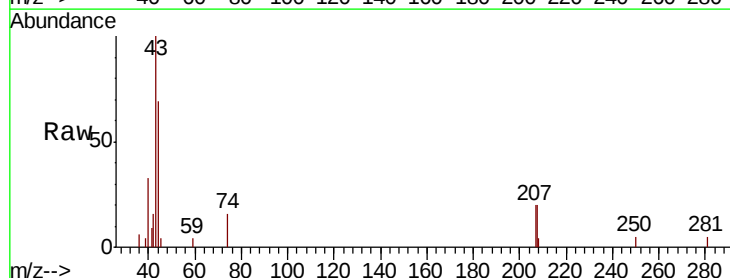
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-K

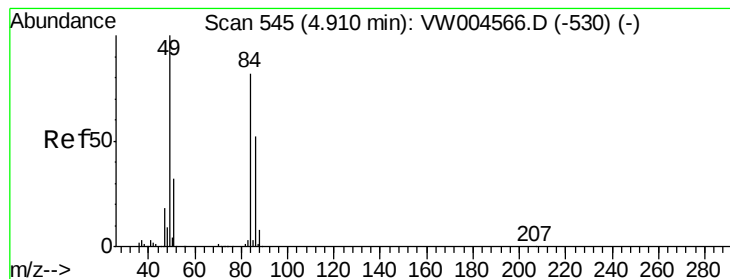
Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
58 26.6 26.8 40.2#



#18
Methyl Acetate
Concen: 1.145 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

Tgt Ion: 43 Resp: 5048
Ion Ratio Lower Upper
43 100
74 18.4 19.1 28.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004628.D

Acq: 11 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-K

Tgt Ion: 84 Resp: 45143

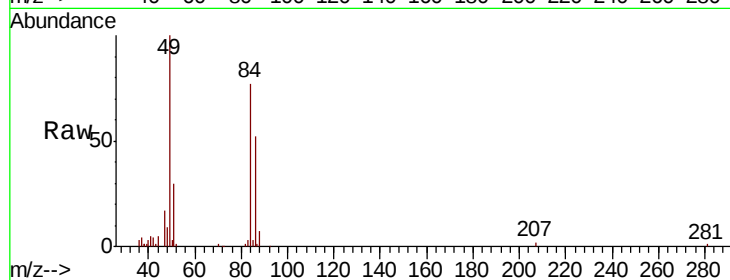
Ion Ratio Lower Upper

84 100

49 130.6 99.6 149.4

51 38.6 31.0 46.4

86 67.8 51.5 77.3



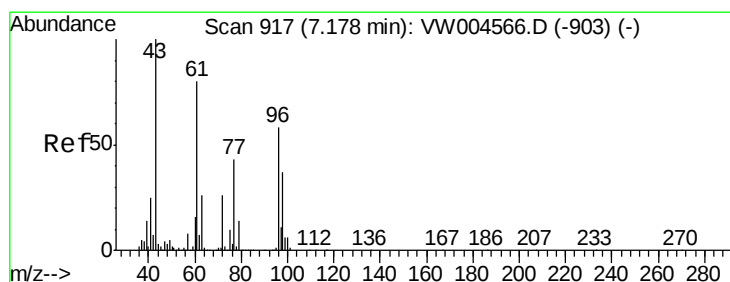
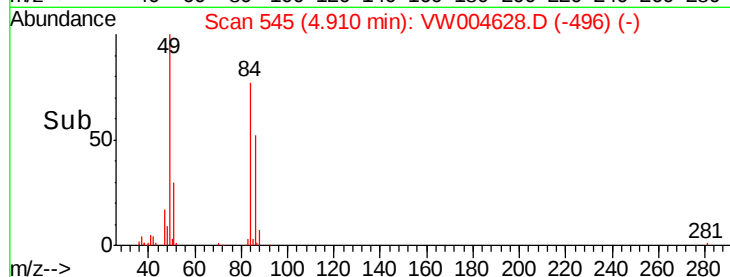
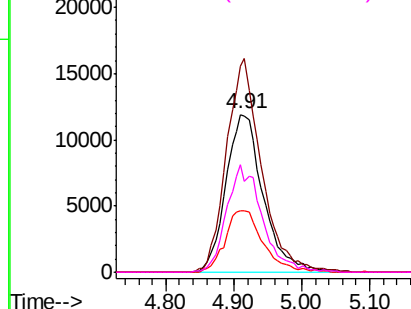
Abundance

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



#25

2-Butanone

Concen: 1.242 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004628.D

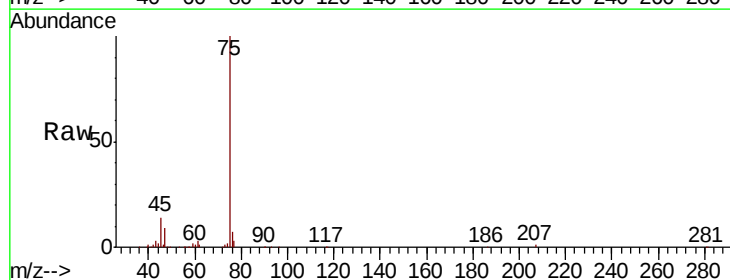
Acq: 11 Aug 2018 06:17

Tgt Ion: 43 Resp: 3531

Ion Ratio Lower Upper

43 100

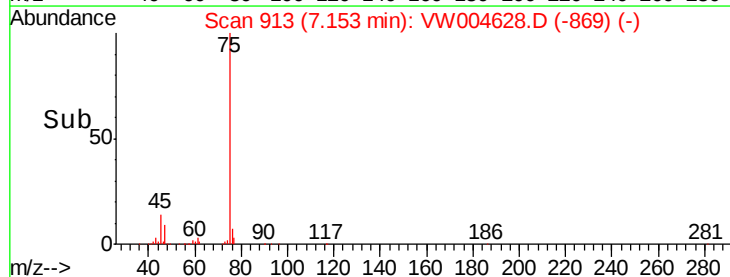
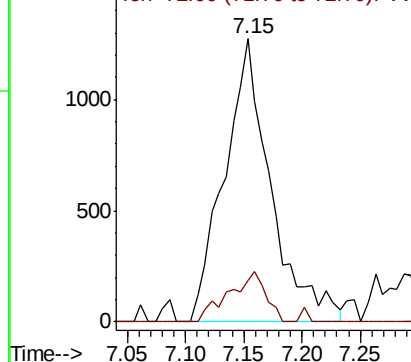
72 14.6 21.0 31.6#

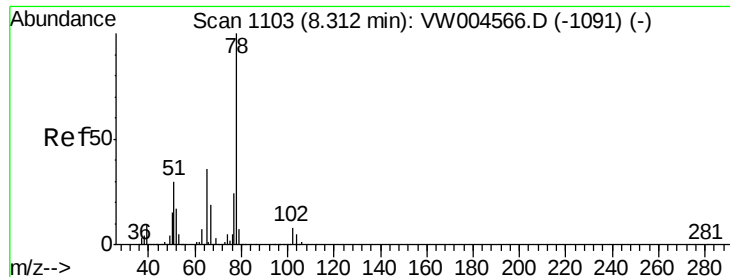


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

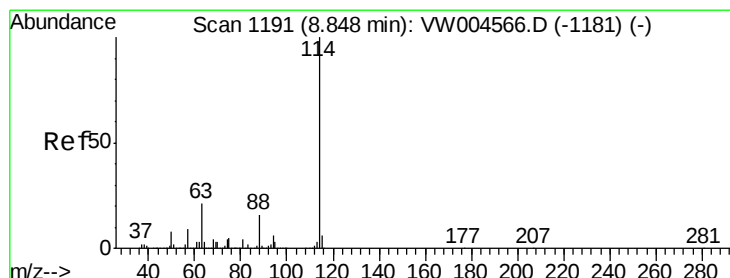
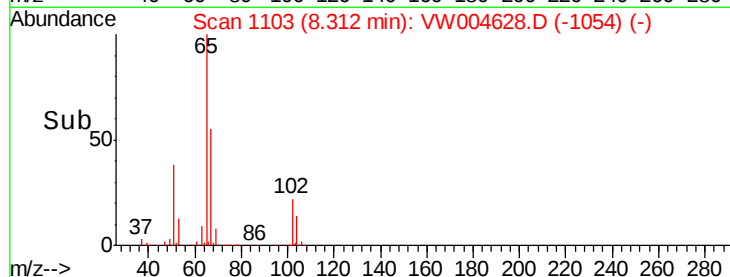
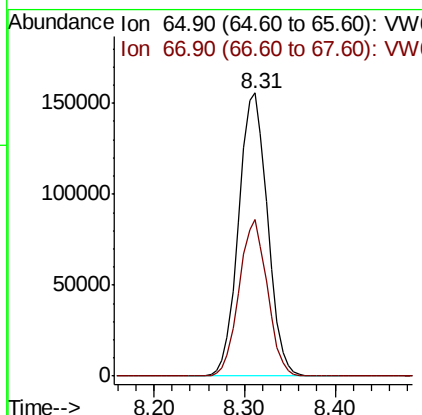
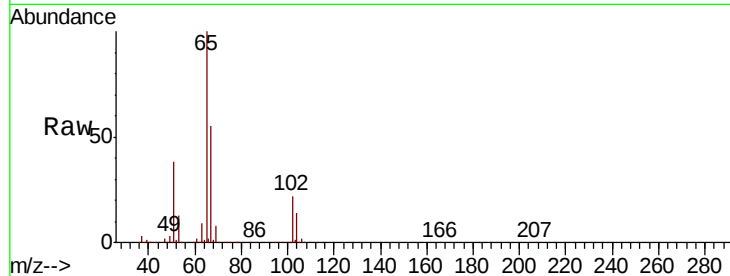




#33
 1,2-Dichloroethane-d4
 Concen: 48.621 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

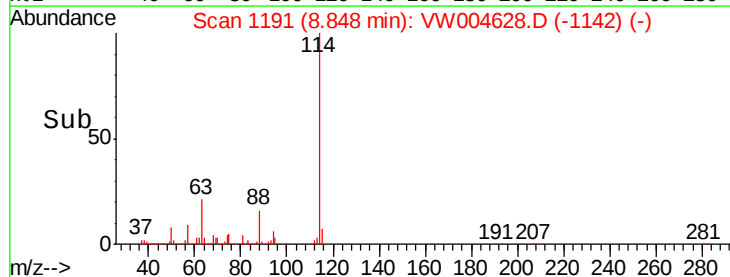
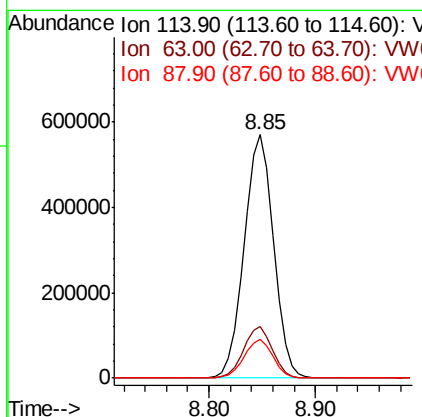
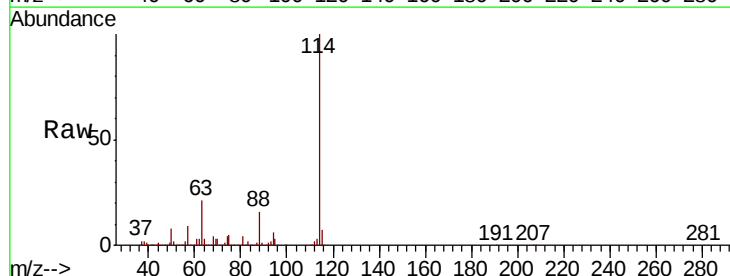
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 JC-03-080918-K

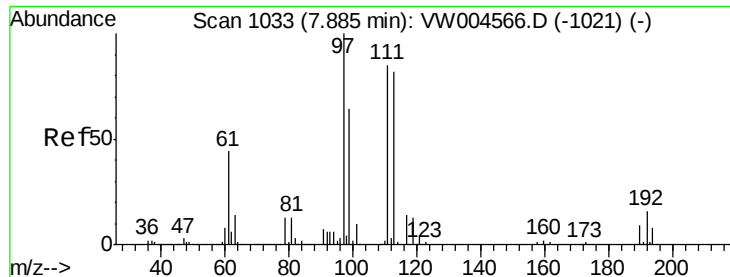
Tgt Ion: 65 Resp: 344104
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

Tgt Ion: 114 Resp: 1107326
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 16.0 0.0 31.2

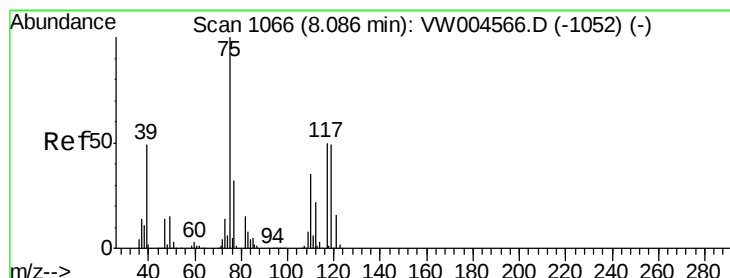
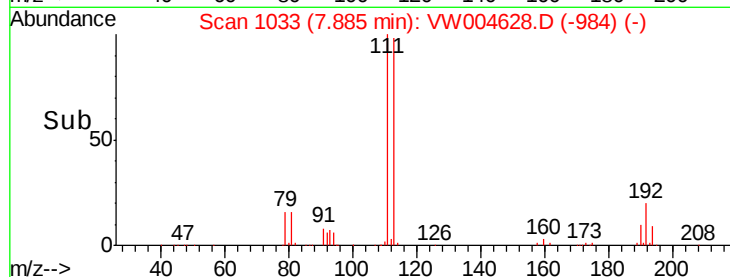
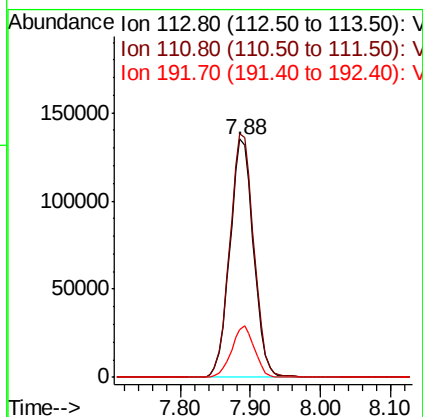
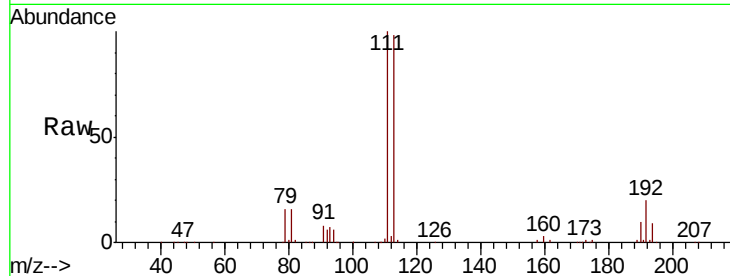




#35
 Dibromofluoromethane
 Concen: 42.875 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

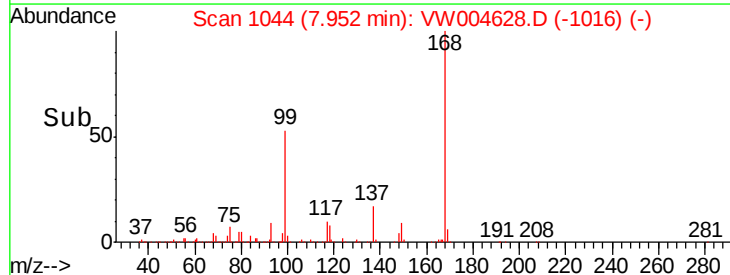
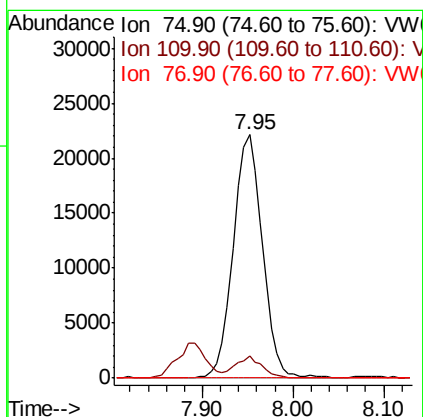
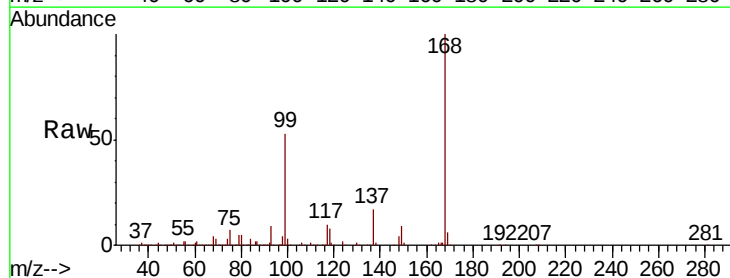
Instrument :
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 JC-03-080918-K

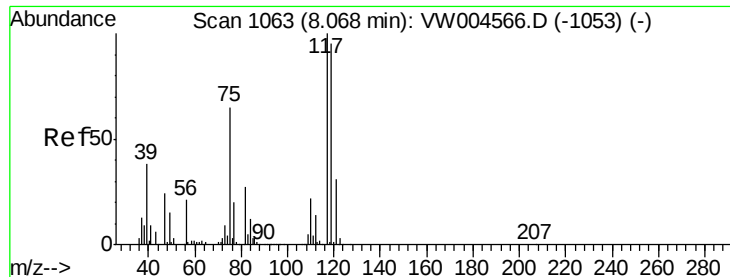
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	20.7	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.150 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.2	24.7	37.1#

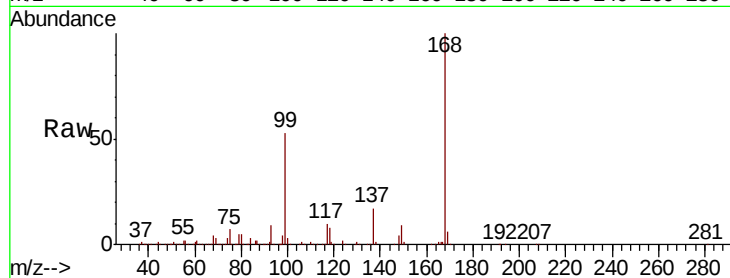




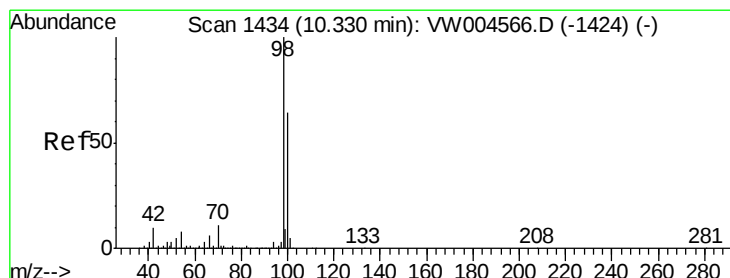
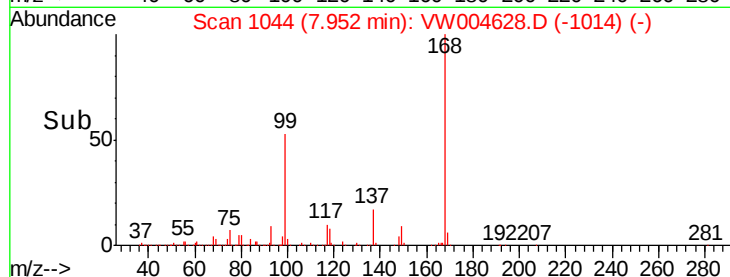
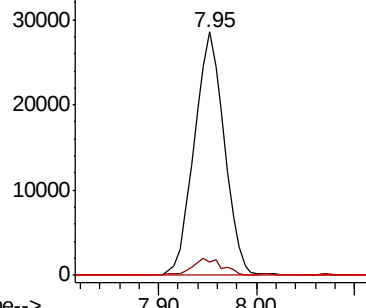
#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

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

Tgt Ion:117 Resp: 61055
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.4#

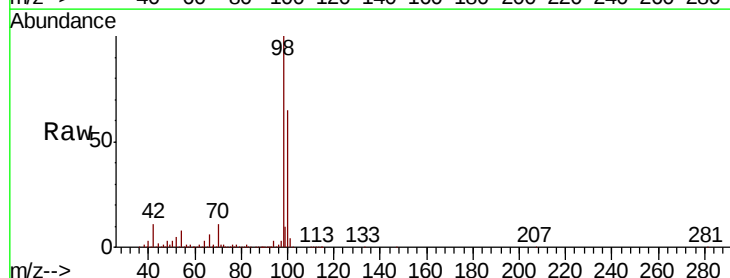


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

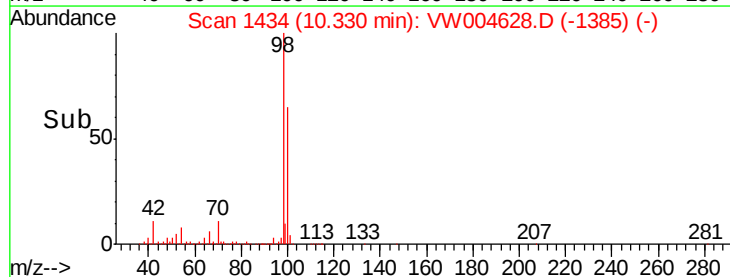
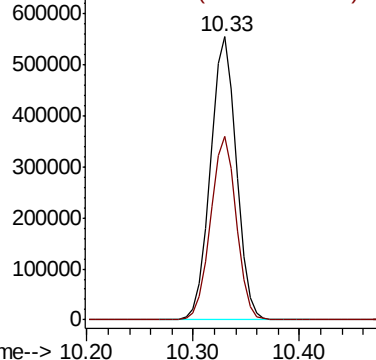


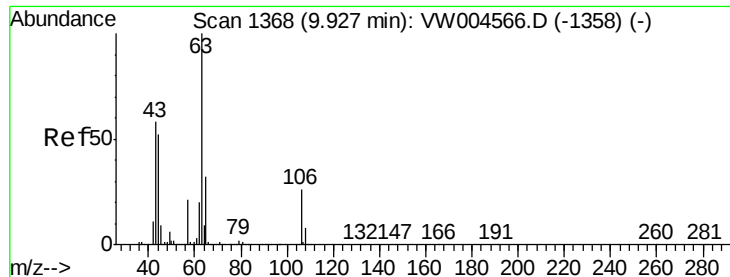
#50
Toluene-d8
Concen: 33.722 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

Tgt Ion: 98 Resp: 949208
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

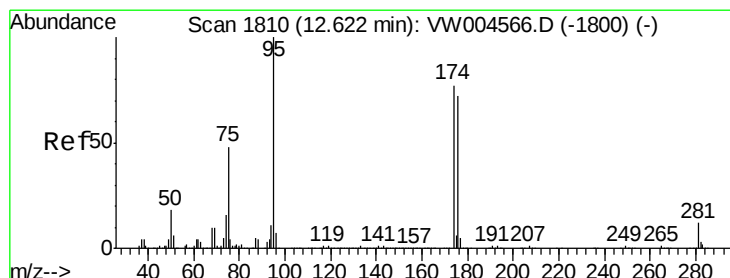
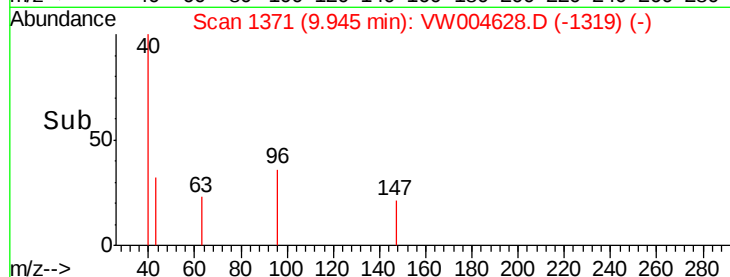
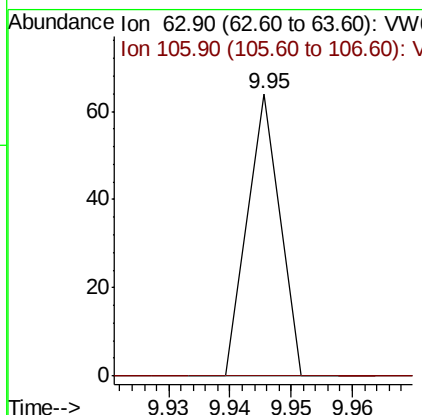
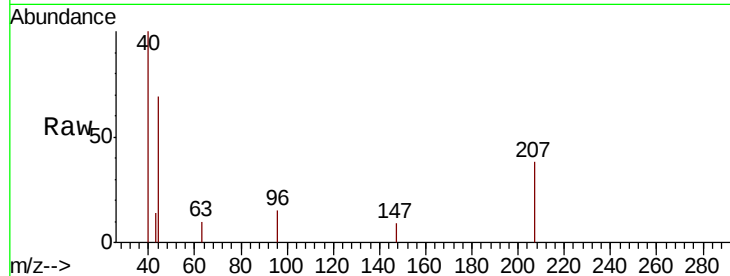




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.950 ug/l
 RT: 9.95 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

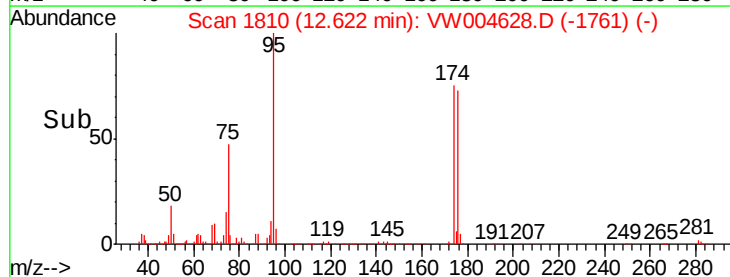
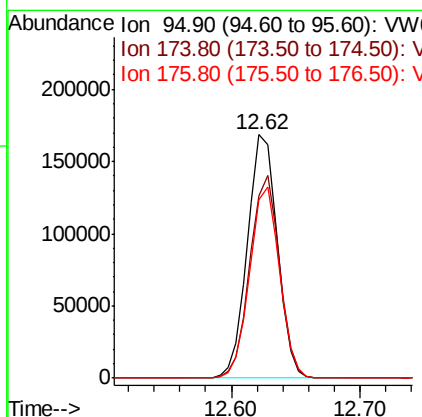
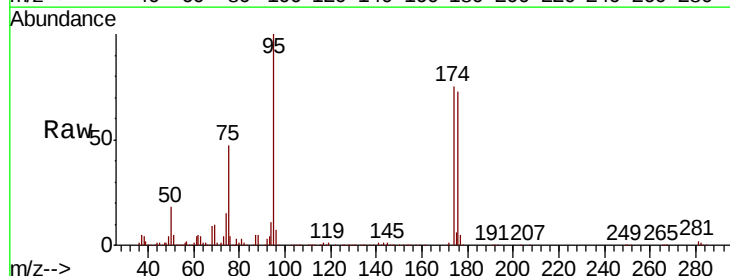
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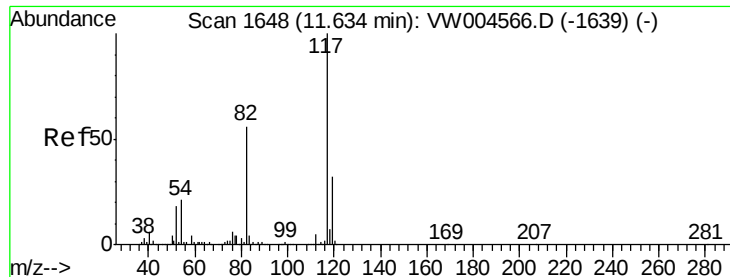
Tgt Ion: 63 Resp: 23
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 26.601 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

Tgt Ion: 95 Resp: 269712
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 160.4
 176 78.3 0.0 153.2

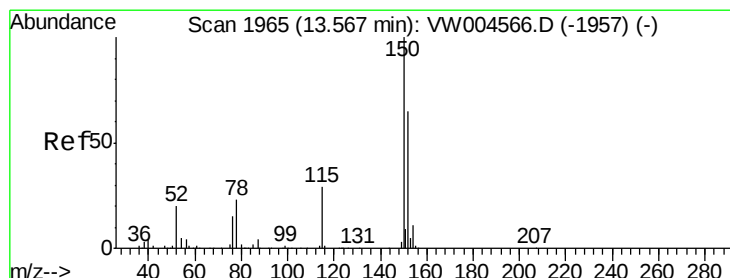
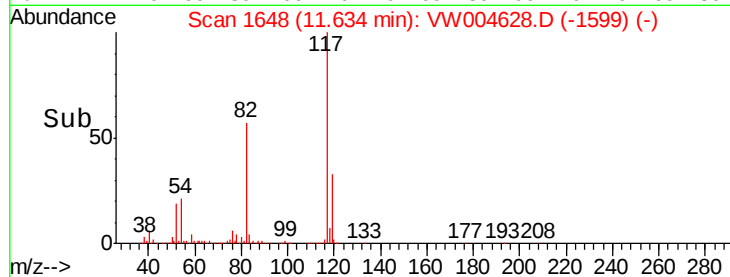
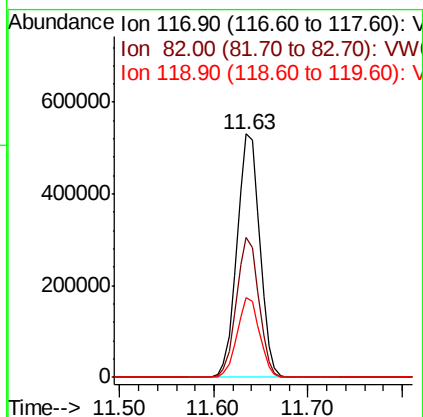
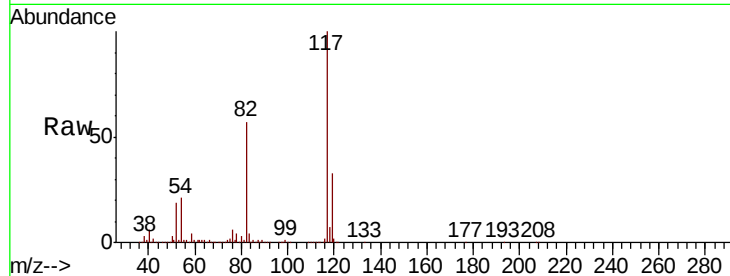




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

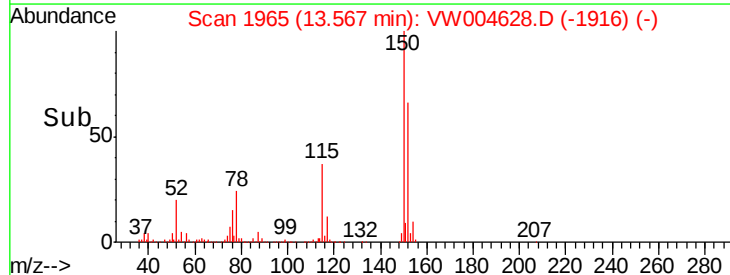
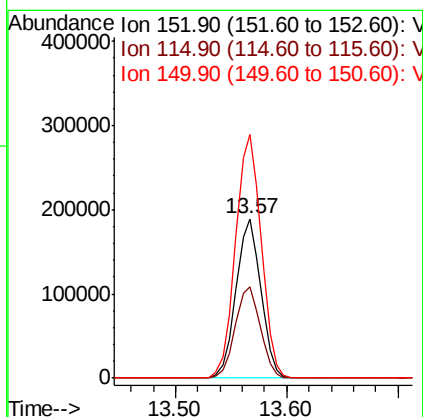
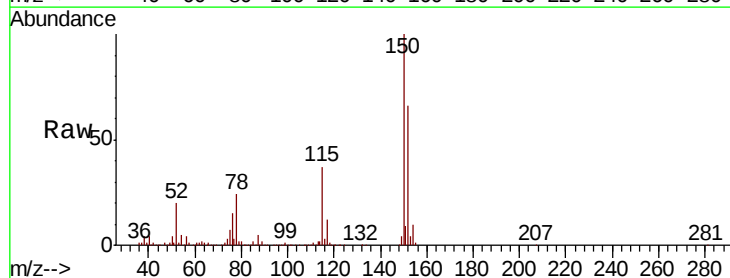
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-K

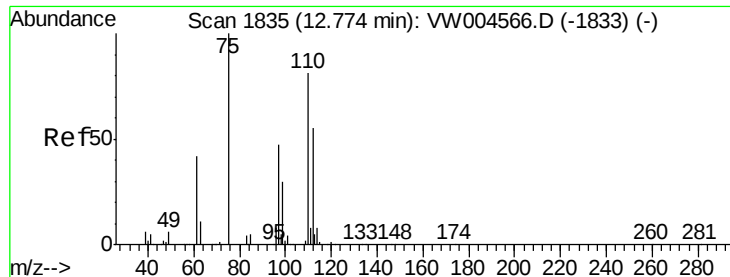
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.3	67.9
119	32.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004628.D
Acq: 11 Aug 2018 06:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.3
150	157.1	0.0	349.6

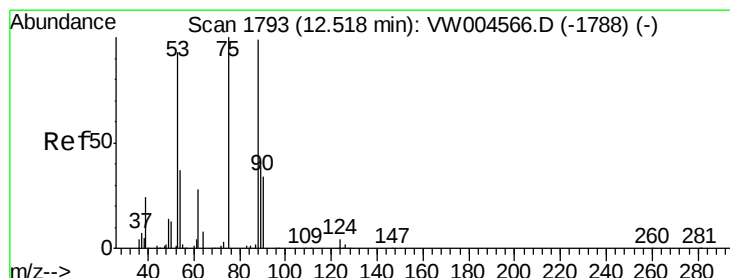
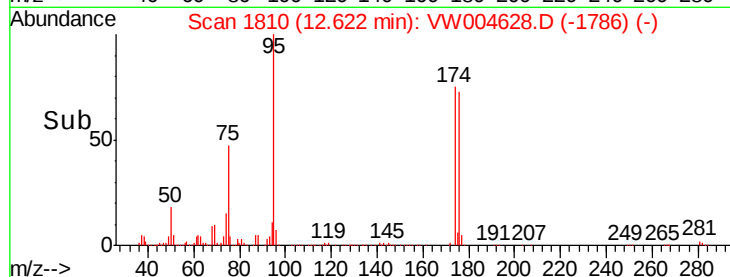
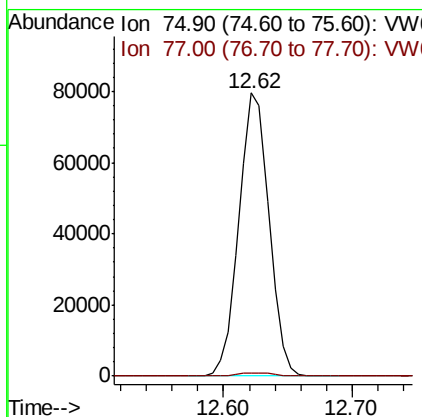
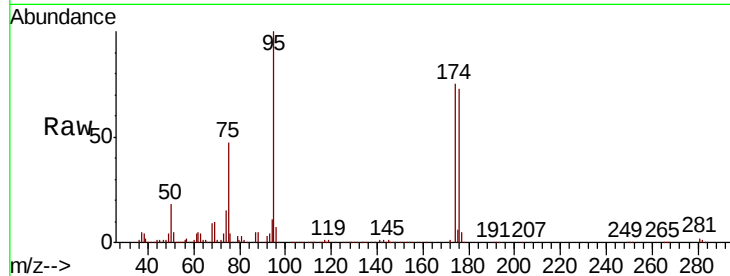




#76
 1,2,3-Trichloropropane
 Concen: 42.547 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

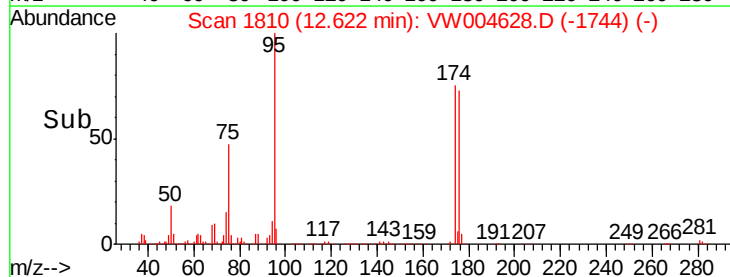
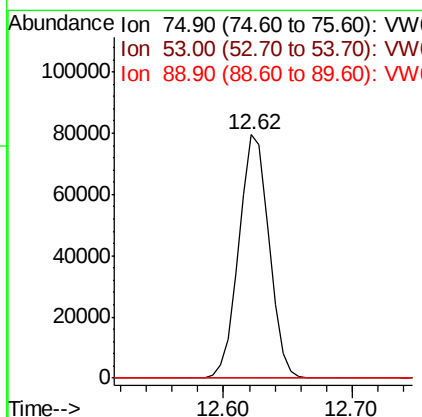
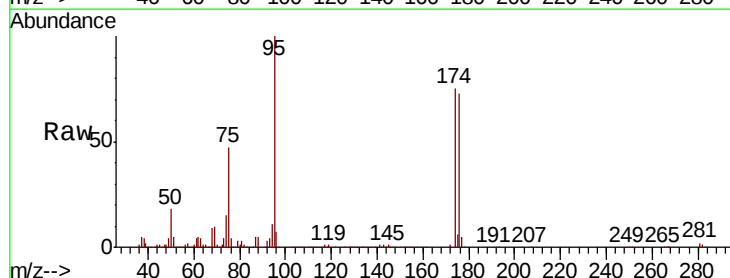
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-K

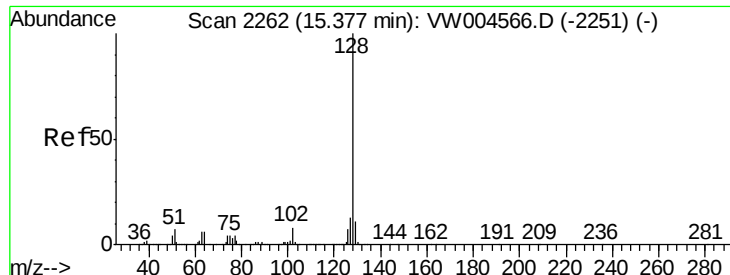
Tgt Ion: 75 Resp: 128856
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.852 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004628.D
 Acq: 11 Aug 2018 06:17

Tgt Ion: 75 Resp: 128856
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.4 111.6#
 89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 2.977 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004628.D

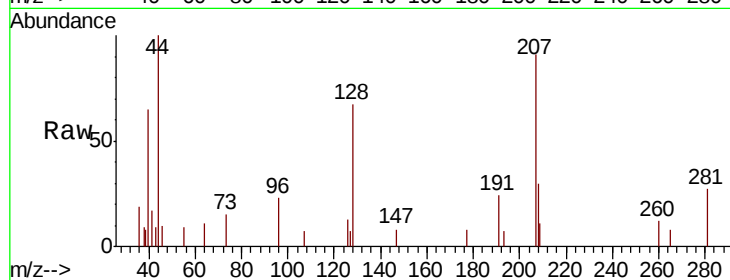
Acq: 11 Aug 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-K



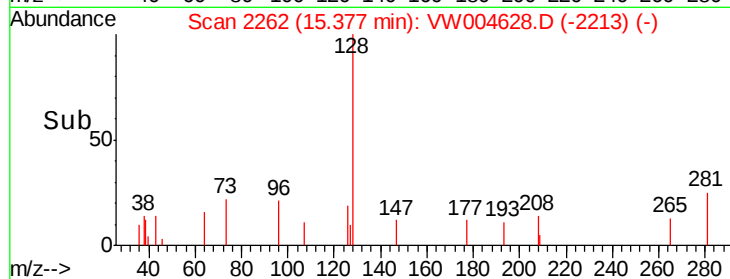
Tgt Ion:128 Resp: 863

Ion Ratio Lower Upper

128 100

127 6.7 10.3 15.5#

129 0.0 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

