

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004538.D
 Acq On : 08 Aug 2018 20:17
 Operator : SY/AP
 Sample : J4310-03RE
 Misc : 3.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 09 05:15:58 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	292358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	405516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58022	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	416146	128.59	ug/l	0.00
Spiked Amount			Recovery	=	257.18%	
35) Dibromofluoromethane	7.88	113	373534	138.15	ug/l	0.00
Spiked Amount			Recovery	=	276.30%	
50) Toluene-d8	10.33	98	1141920	110.78	ug/l	0.00
Spiked Amount			Recovery	=	221.56%	
62) 4-Bromofluorobenzene	12.62	95	285186	76.80	ug/l	0.00
Spiked Amount			Recovery	=	153.60%	

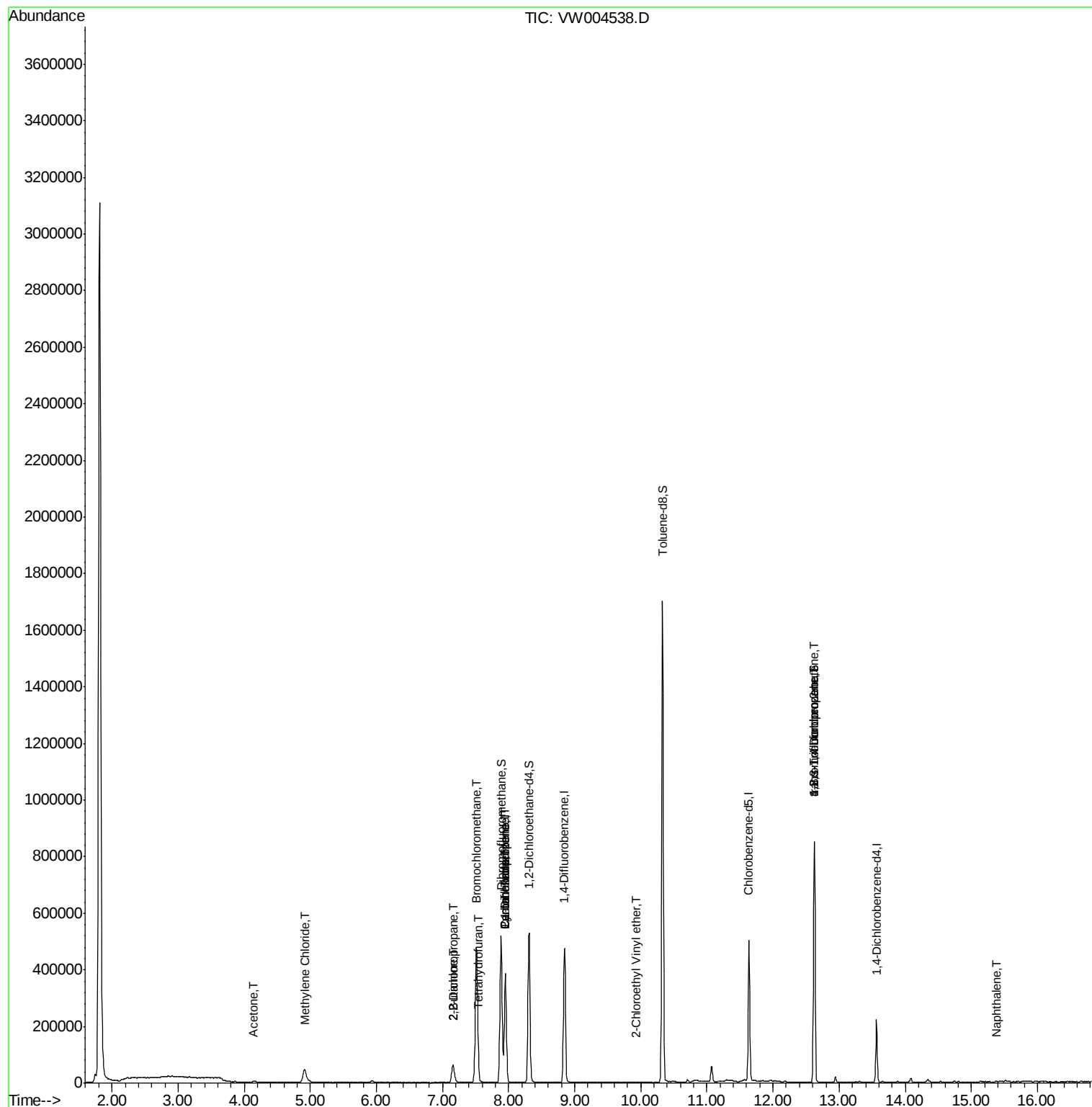
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	7431	9.194	ug/l #	83
20) Methylene Chloride	4.91	84	45205	3.148	ug/l	98
25) 2-Butanone	7.16	43	3722	2.863	ug/l	94
26) 2,2-Dichloropropane	7.15	77	4809	1.446	ug/l #	50
28) Bromochloromethane	7.51	49	297797	108.024	ug/l	100
29) Tetrahydrofuran	7.55	42	3765	5.602	ug/l #	84
31) Cyclohexane	7.95	56	6361	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23055	5.280	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27963	7.117	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	518	9.279	ug/l #	73
76) 1,2,3-Trichloropropane	12.62	75	138585	230.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	138585	552.556	ug/l #	12
95) Naphthalene	15.38	128	1444	3.439	ug/l #	77

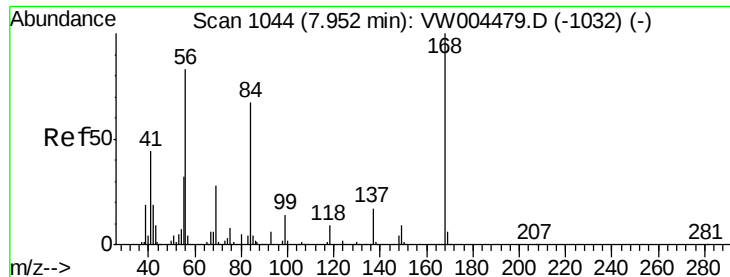
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

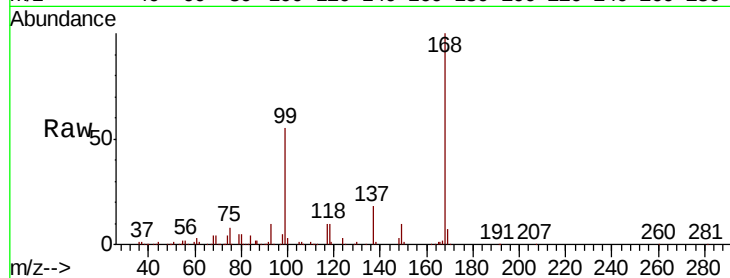
JC-03-080918-ERE

Tgt Ion:168 Resp: 292358

Ion Ratio Lower Upper

168 100

99 55.3 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

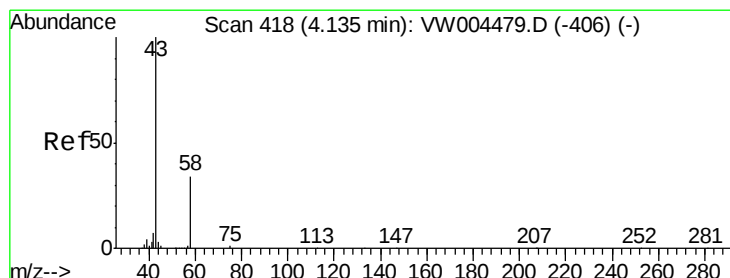
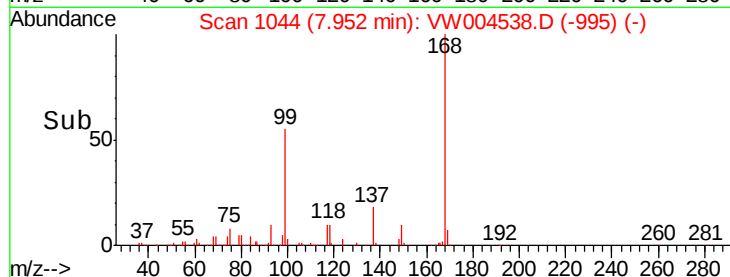
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.194 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004538.D

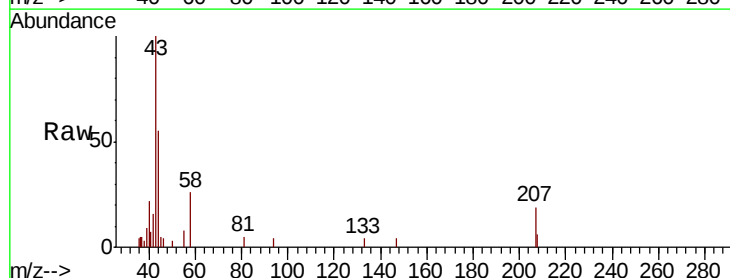
Acq: 08 Aug 2018 20:17

Tgt Ion: 43 Resp: 7431

Ion Ratio Lower Upper

43 100

58 24.1 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

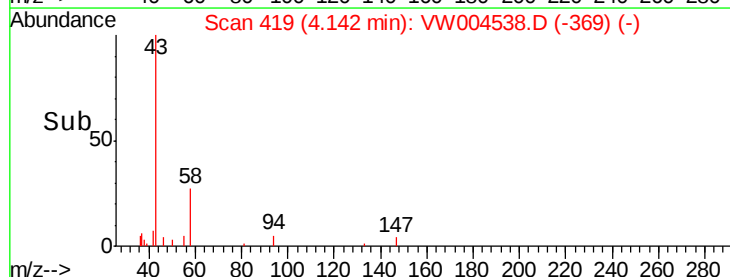
1500

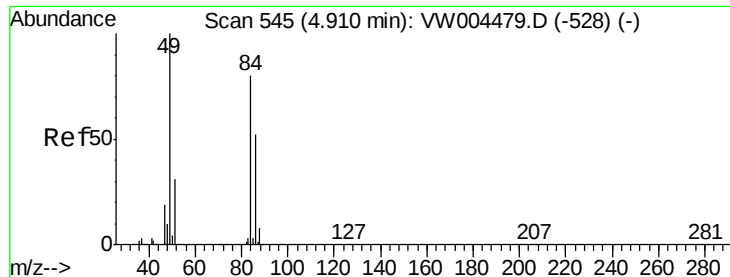
1000

500

0

Time-->

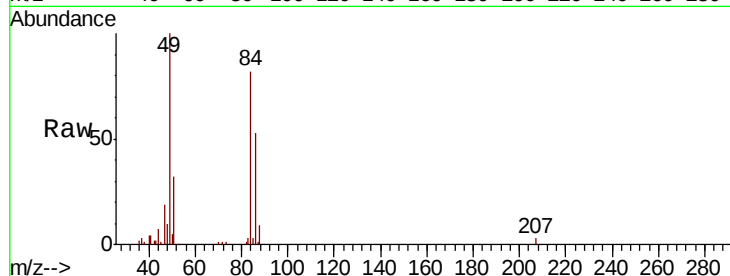




#20
Methylene Chloride
Concen: 3.148 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

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

Tgt Ion:	84	Resp:	45205
Ion	Ratio	Lower	Upper
84	100		
49	122.5	99.6	149.4
51	39.8	31.0	46.4
86	65.3	51.5	77.3



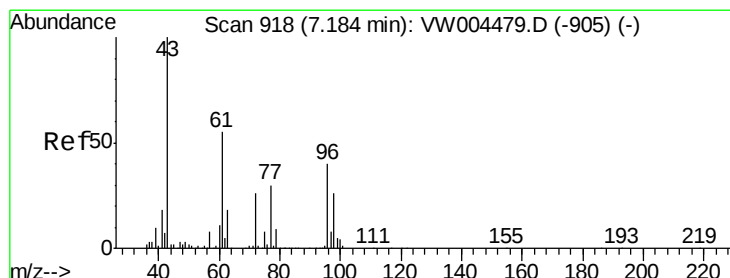
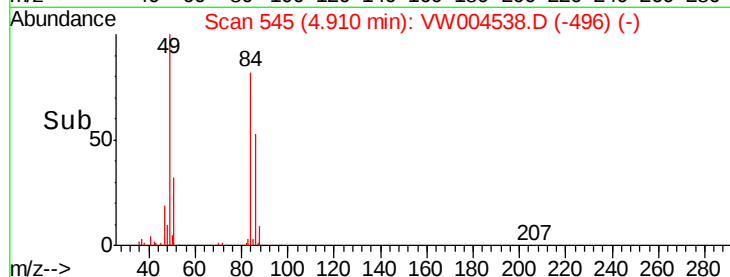
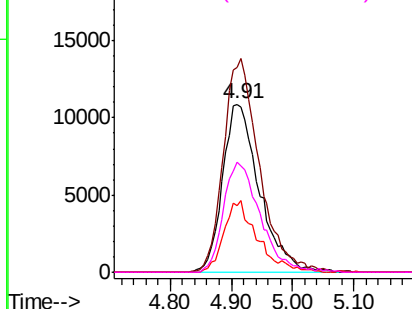
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

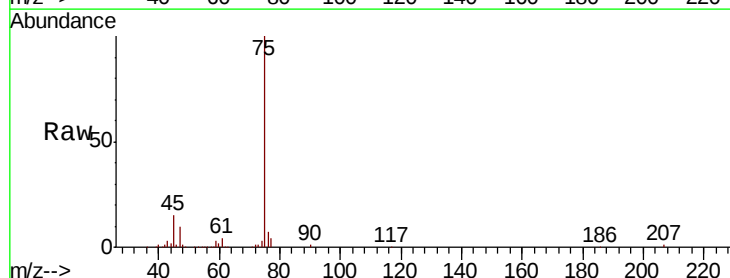
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.863 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

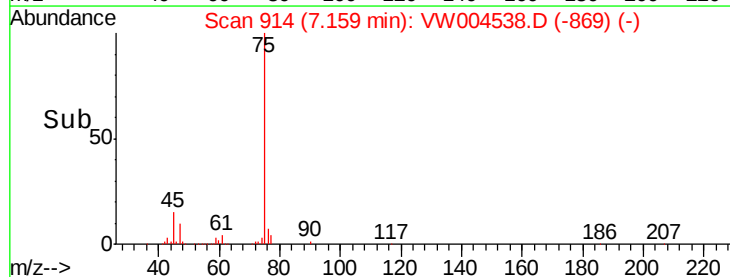
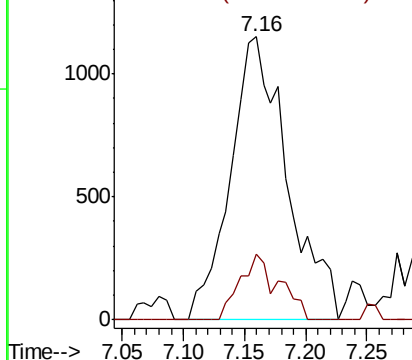
Tgt Ion:	43	Resp:	3722
Ion	Ratio	Lower	Upper
43	100		
72	23.4	21.0	31.6

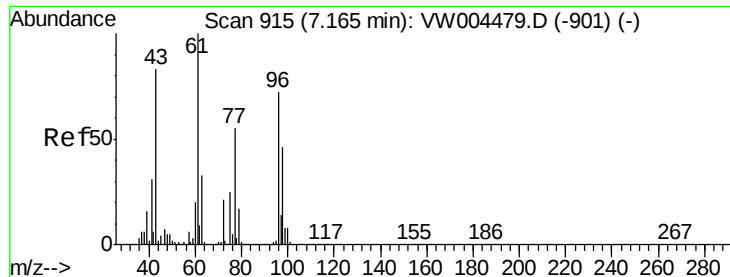


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

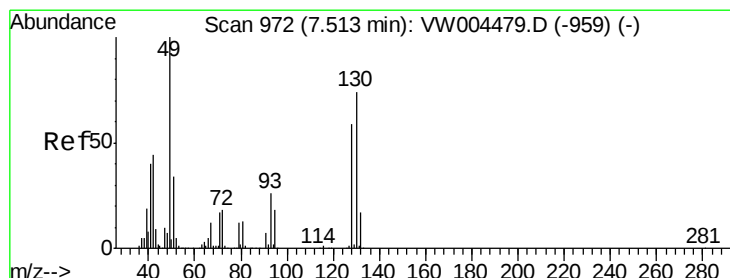
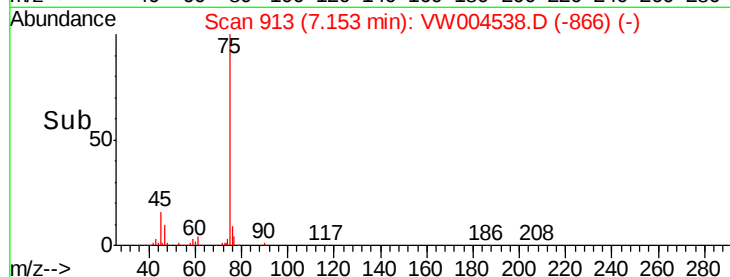
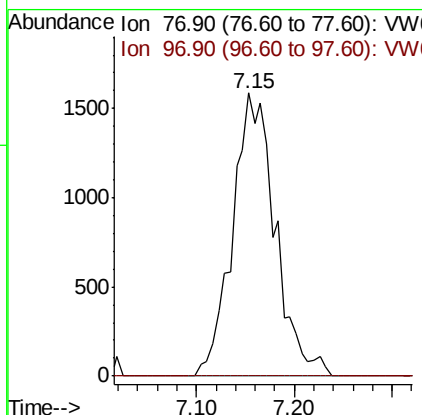
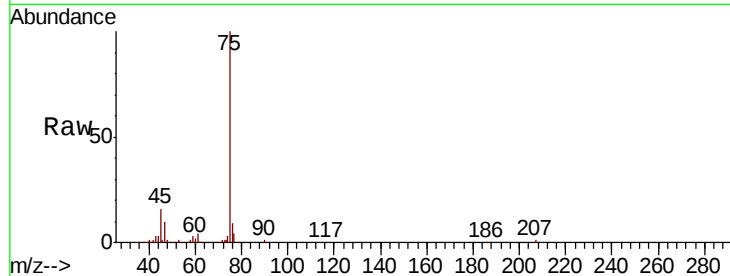




#26
 2,2-Dichloropropane
 Concen: 1.446 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

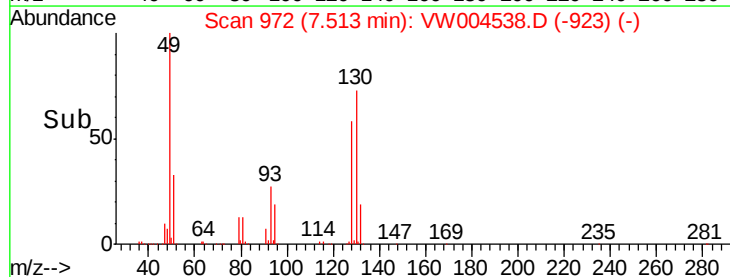
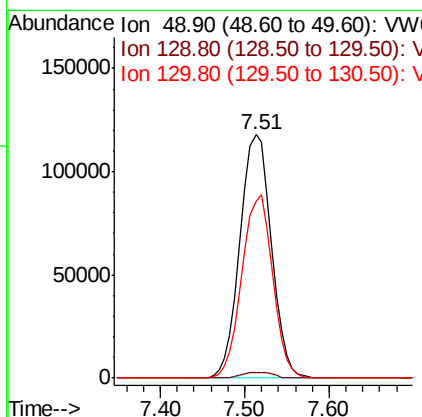
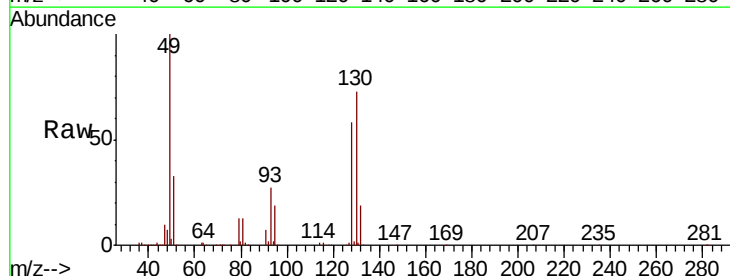
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-ERE

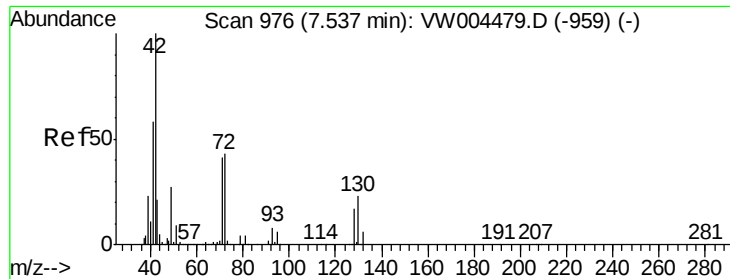
Tgt Ion: 77 Resp: 4809
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.5 37.5#



#28
 Bromochloromethane
 Concen: 108.024 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

Tgt Ion: 49 Resp: 297797
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 73.9 58.8 88.2





#29

Tetrahydrofuran

Concen: 5.602 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

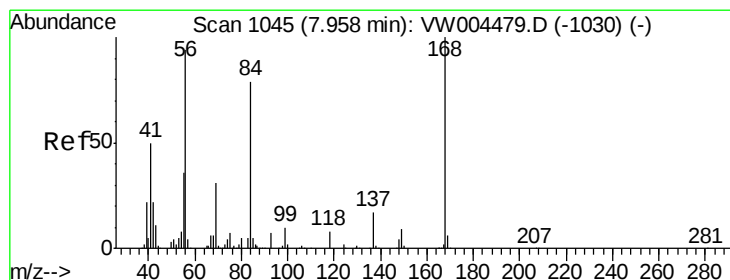
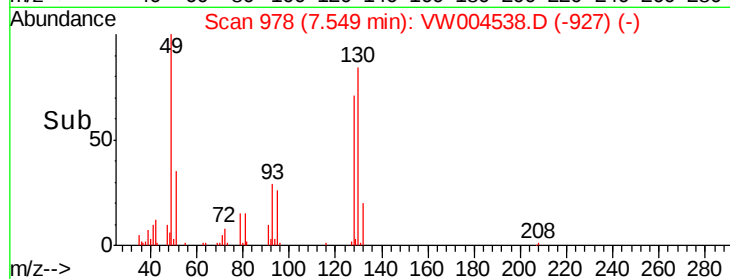
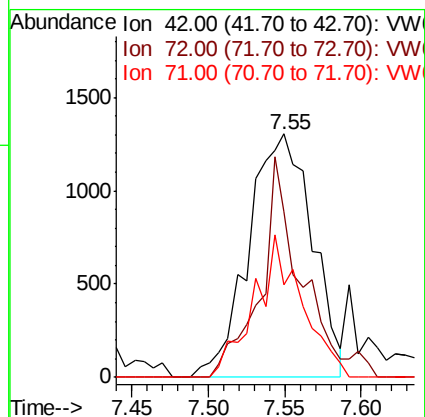
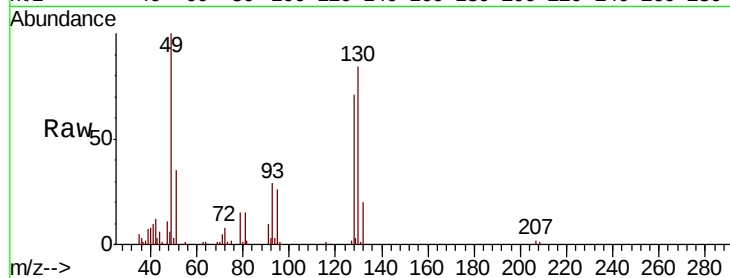
Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-ERE

Tgt Ion:	42	Resp:	3765
Ion	Ratio	Lower	Upper
42	100		
72	59.2	34.1	51.1#
71	43.8	32.5	48.7



#31

Cyclohexane

Concen: 1.049 ug/l

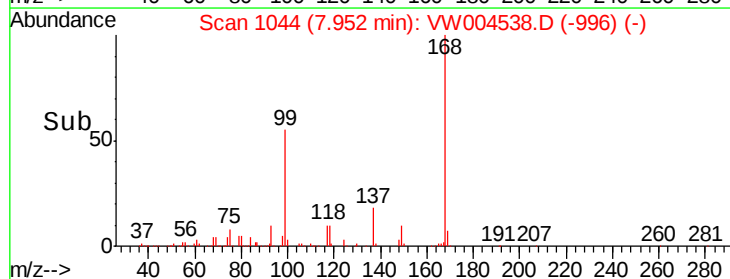
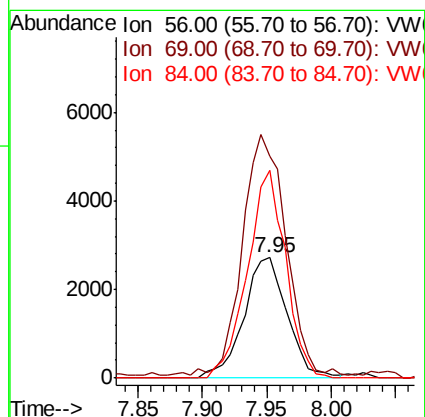
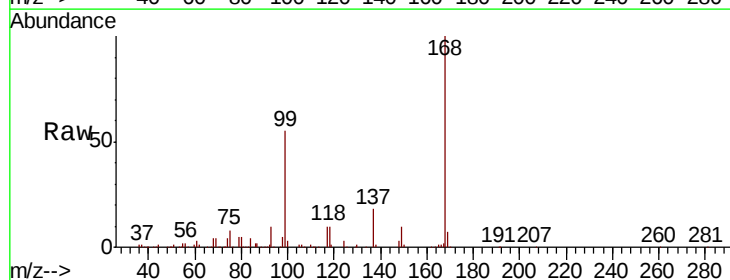
RT: 7.95 min Scan# 1044

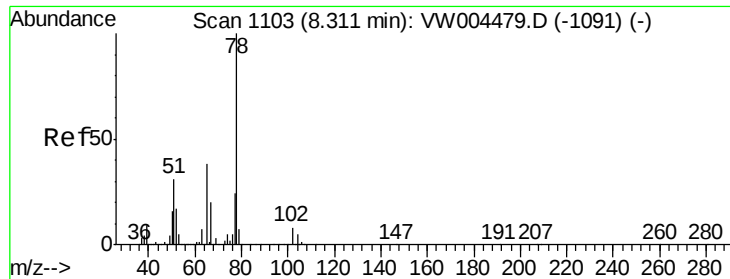
Delta R.T. -0.01 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Tgt Ion:	56	Resp:	6361
Ion	Ratio	Lower	Upper
56	100		
69	181.2	26.4	39.6#
84	172.2	66.9	100.3#

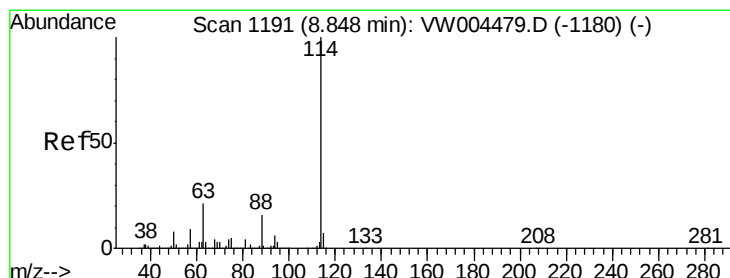
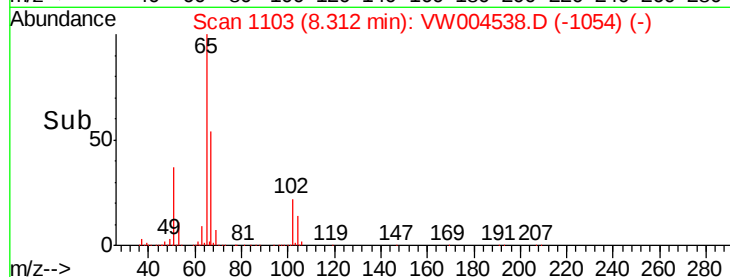
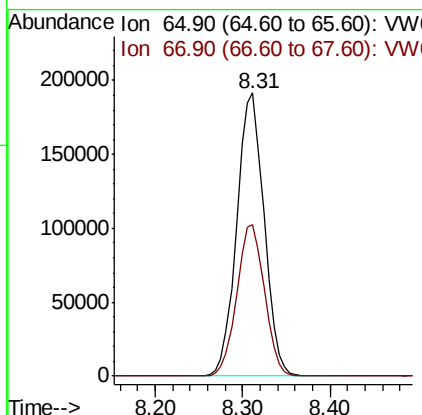
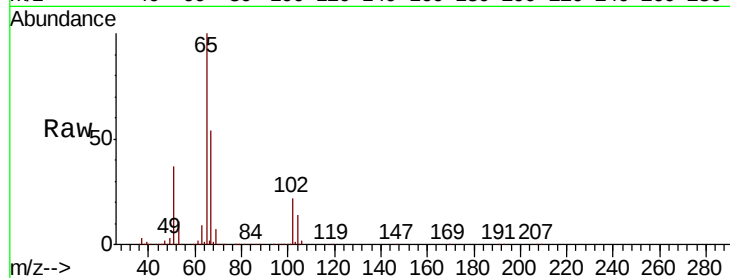




#33
 1,2-Dichloroethane-d4
 Concen: 128.586 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

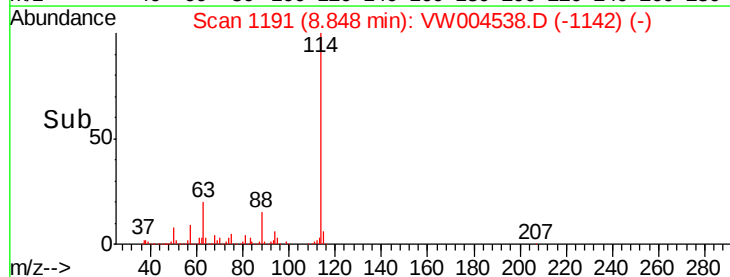
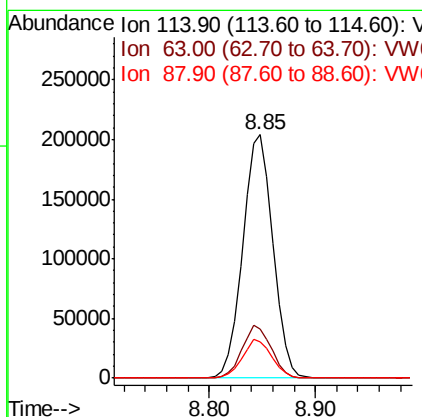
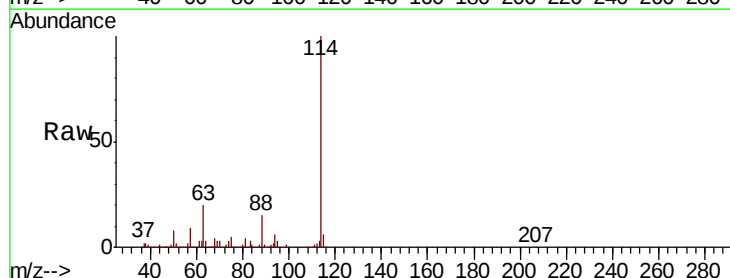
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-ERE

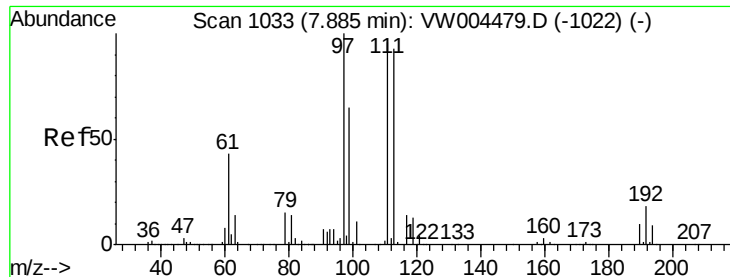
Tgt Ion: 65 Resp: 416146
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

Tgt Ion: 114 Resp: 405516
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.1 0.0 31.2

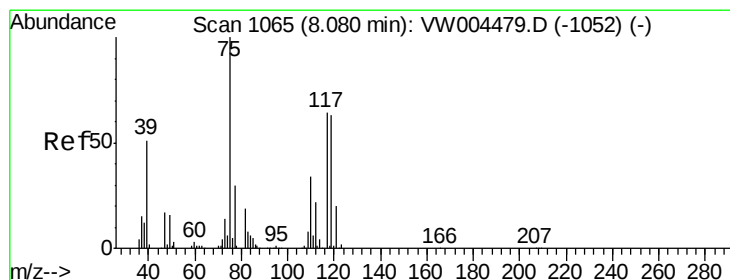
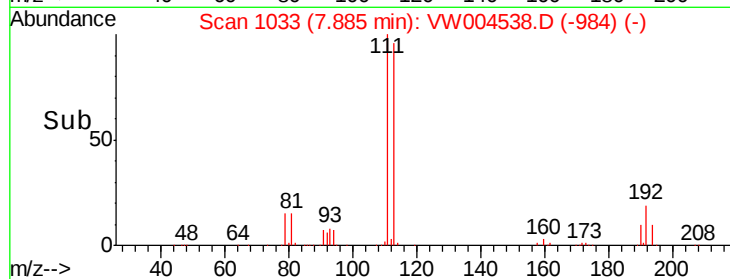
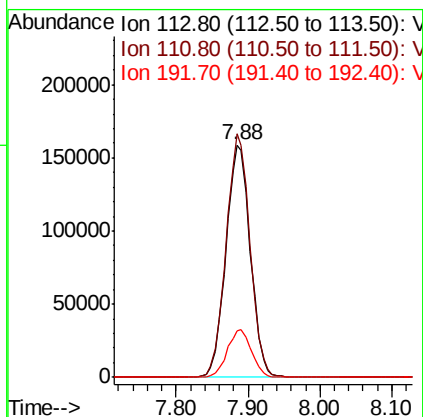
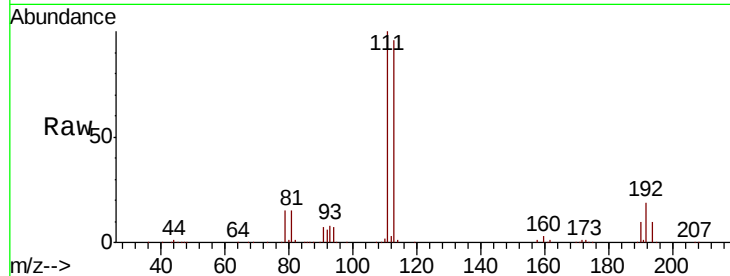




#35
 Dibromofluoromethane
 Concen: 138.149 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

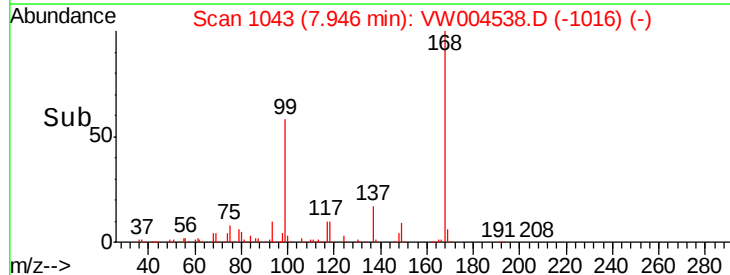
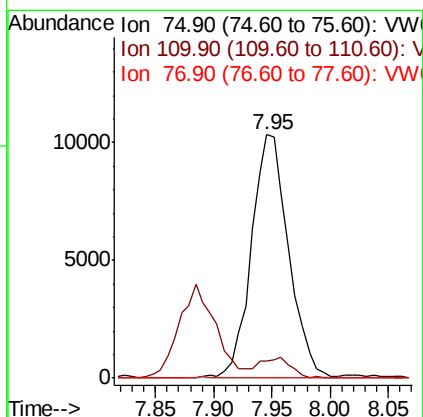
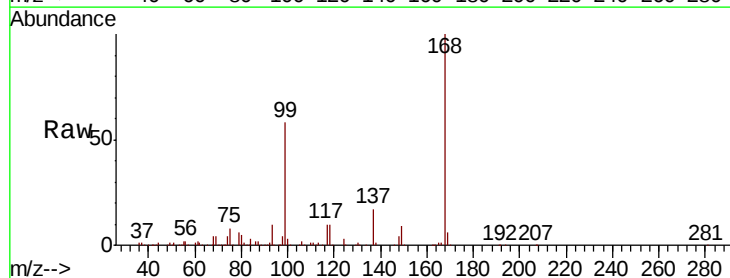
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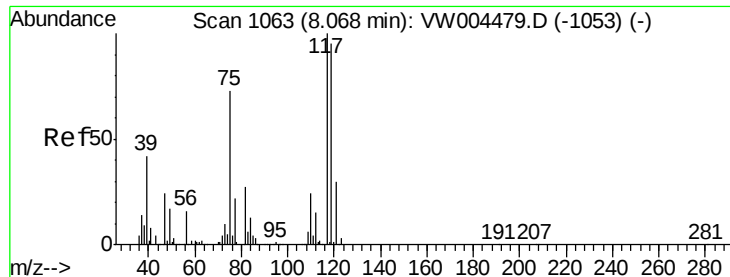
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 5.280 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.4	52.2#
77	0.0	24.7	37.1#

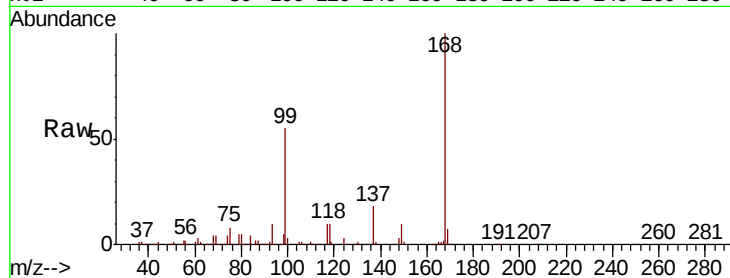




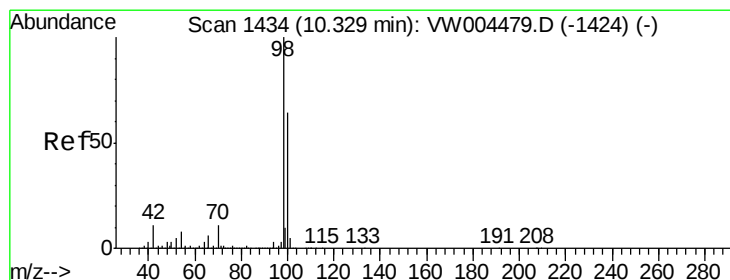
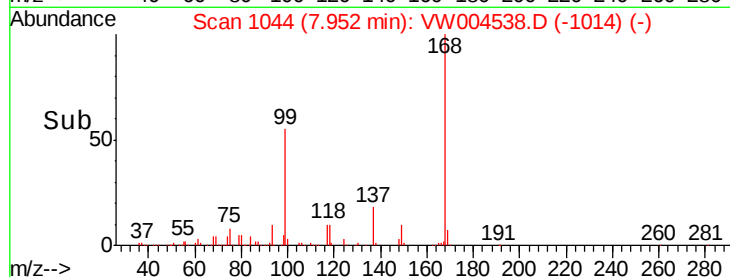
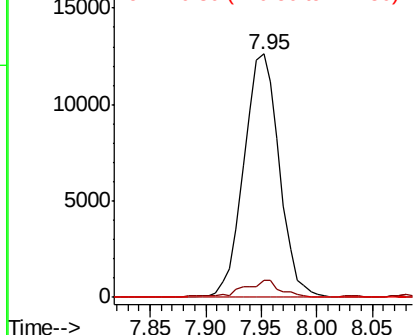
#38
Carbon Tetrachloride
Concen: 7.117 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

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

Tgt Ion:117 Resp: 27963
Ion Ratio Lower Upper
117 100
119 7.3 76.1 114.1#
121 0.0 24.2 36.4#

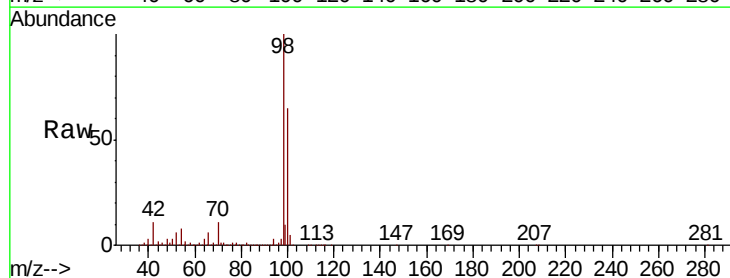


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

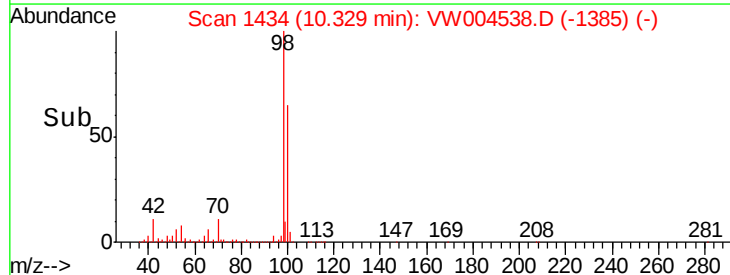
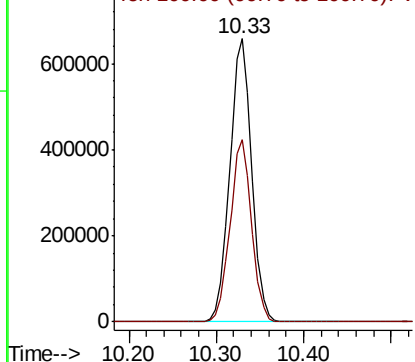


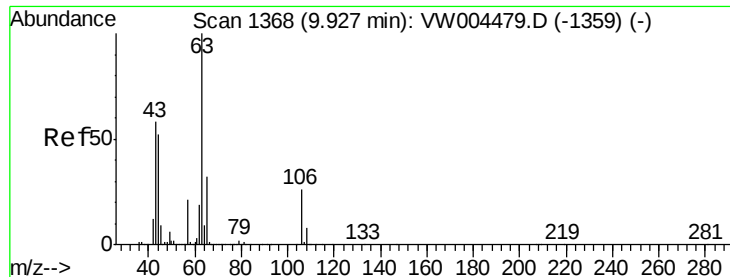
#50
Toluene-d8
Concen: 110.779 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

Tgt Ion: 98 Resp: 1141920
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2



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

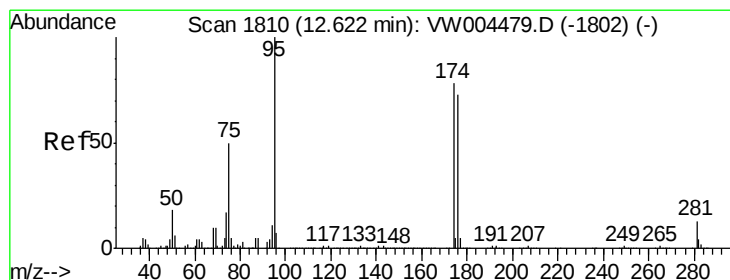
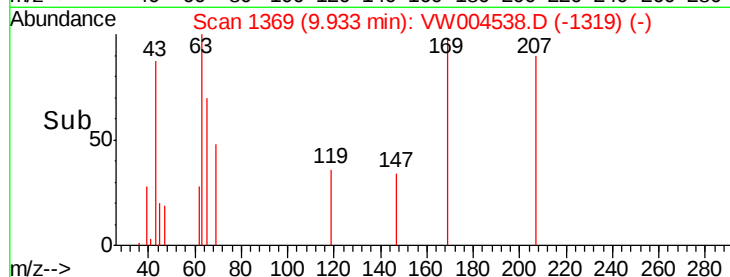
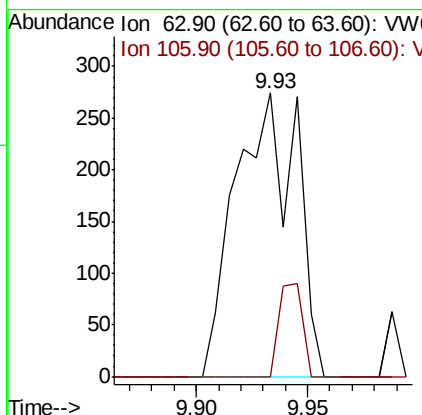
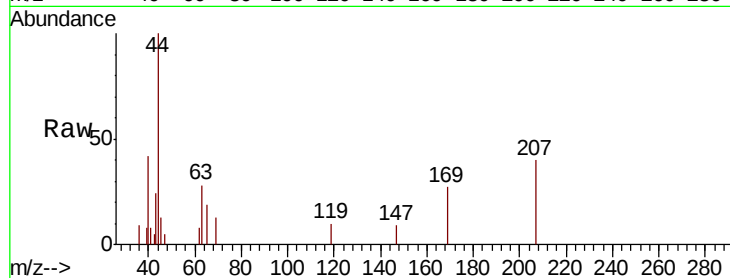




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.279 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

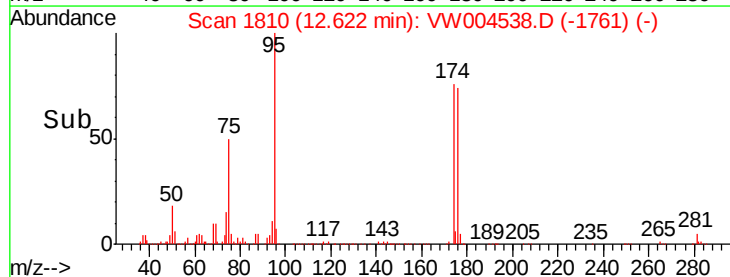
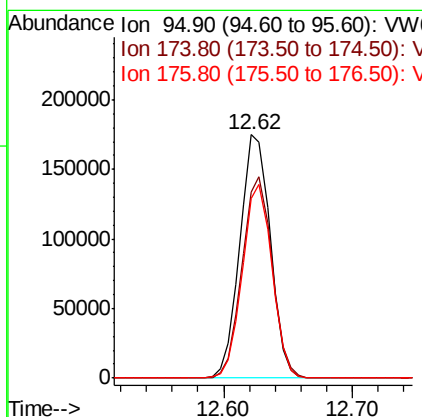
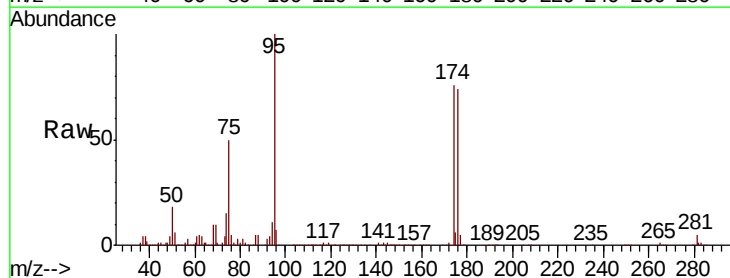
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-ERE

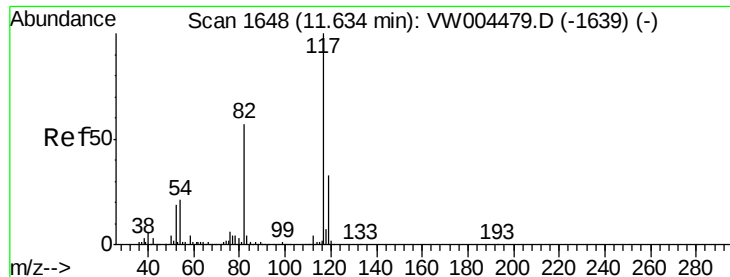
Tgt Ion: 63 Resp: 518
 Ion Ratio Lower Upper
 63 100
 106 12.5 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 76.804 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004538.D
 Acq: 08 Aug 2018 20:17

Tgt Ion: 95 Resp: 285186
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 160.4
 176 77.6 0.0 153.2

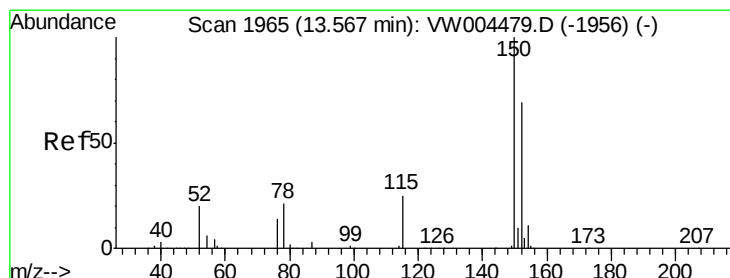
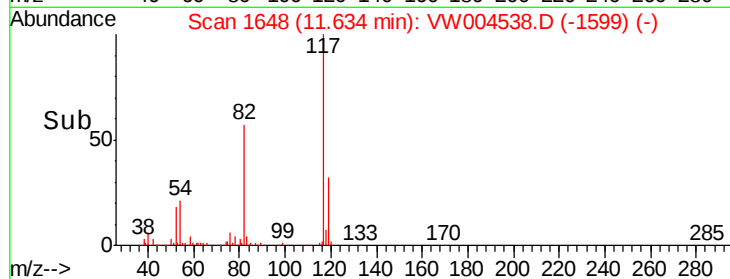
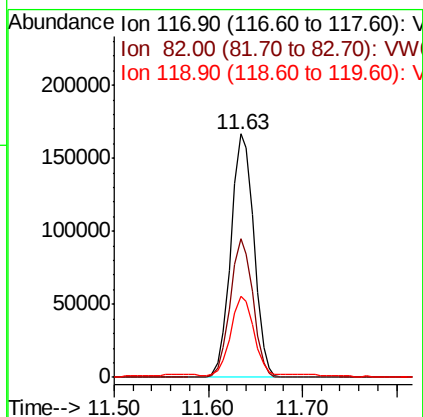
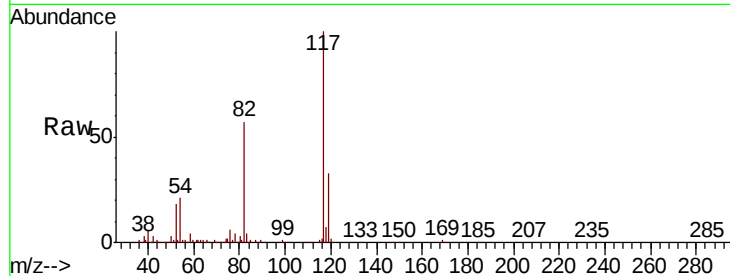




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

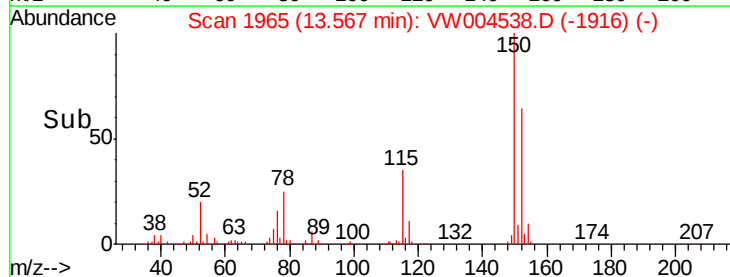
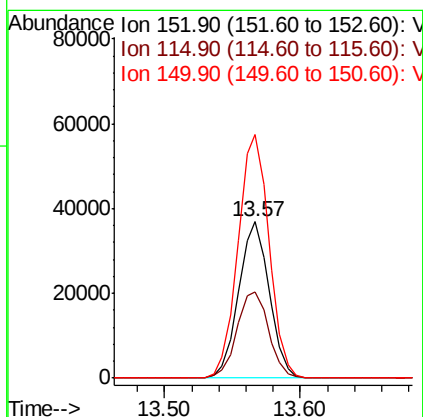
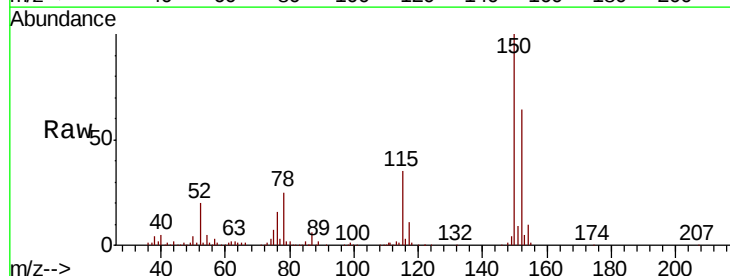
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-ERE

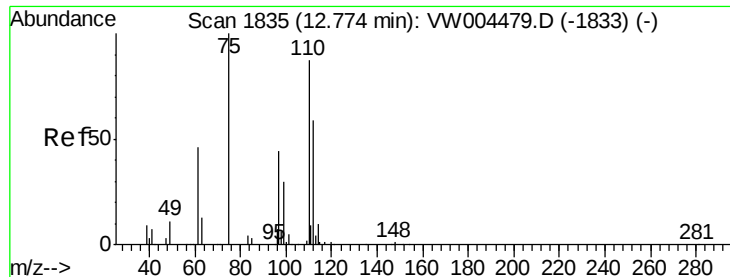
Tgt Ion:117 Resp: 282692
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004538.D
Acq: 08 Aug 2018 20:17

Tgt Ion:152 Resp: 58022
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 156.9 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 230.821 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

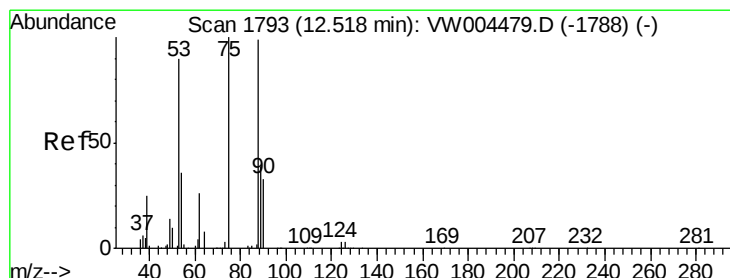
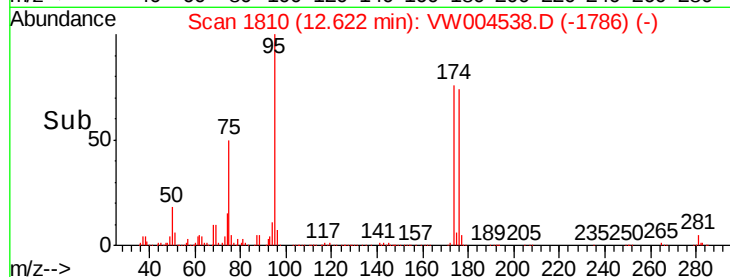
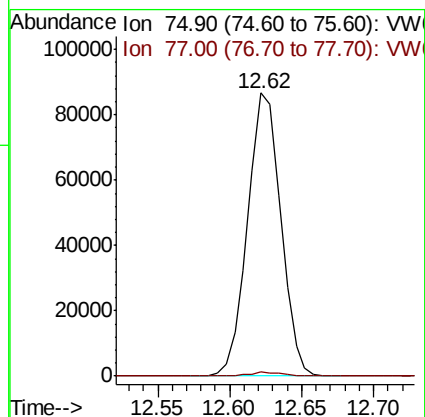
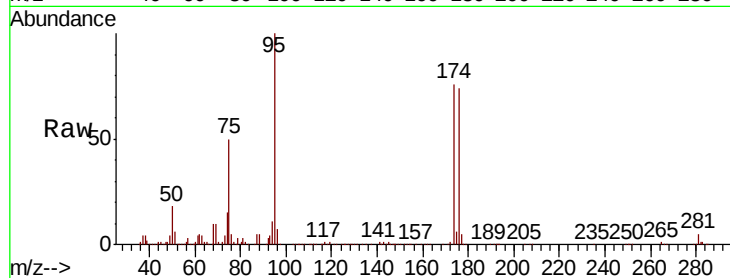
JC-03-080918-ERE

Tgt Ion: 75 Resp: 138585

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 552.556 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

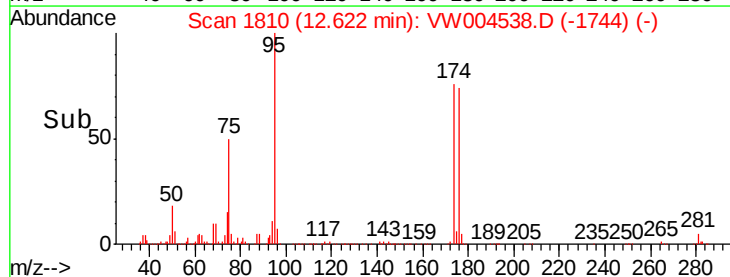
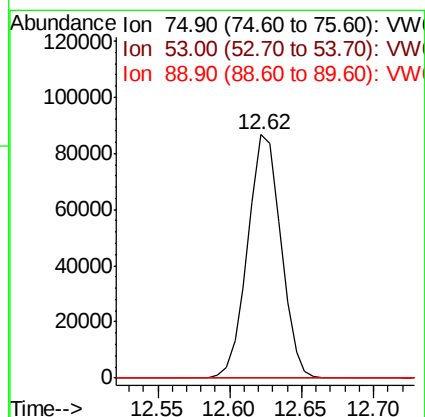
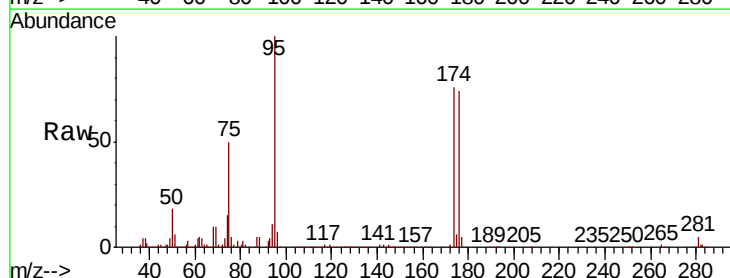
Tgt Ion: 75 Resp: 138585

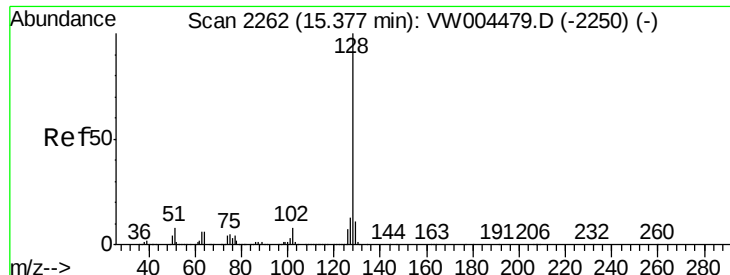
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.1 35.9 53.9#





#95

Naphthalene

Concen: 3.439 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004538.D

Acq: 08 Aug 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-ERE

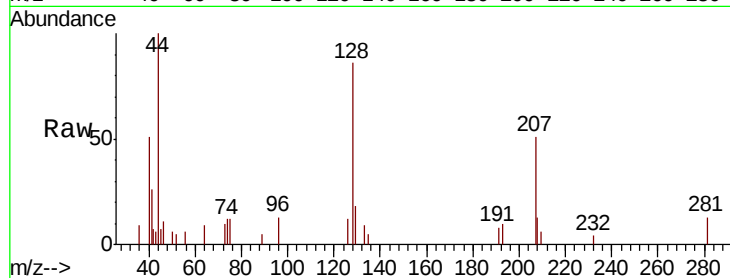
Tgt Ion:128 Resp: 1444

Ion Ratio Lower Upper

128 100

127 1.8 10.3 15.5#

129 17.4 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

