

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004624.D
 Acq On : 11 Aug 2018 04:34
 Operator : SY/AP
 Sample : J4272-13
 Misc : 6.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Aug 11 05:19:17 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

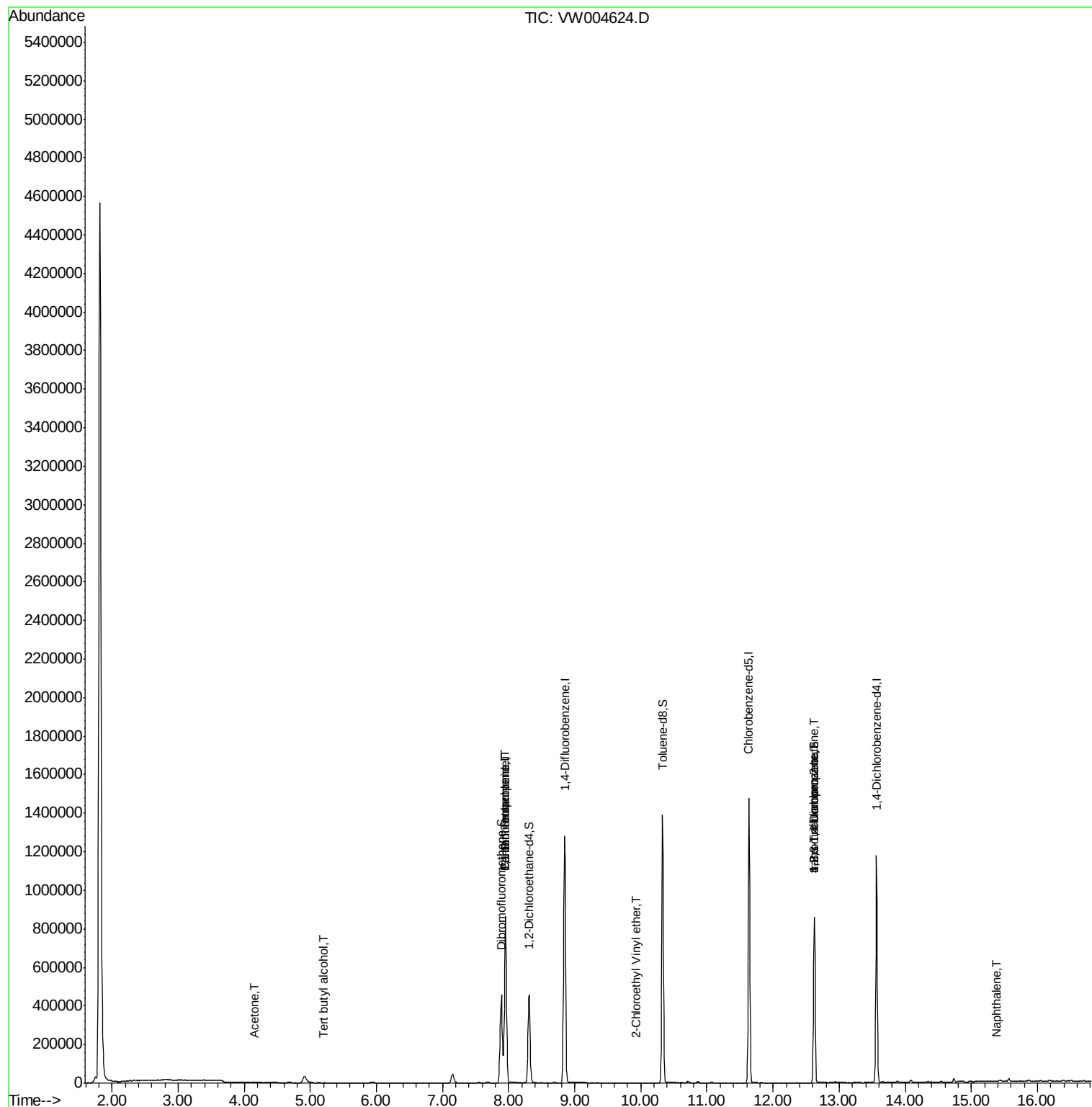
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	644322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1079057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	850398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	308307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	360233	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.89	113	337293	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.33	98	933922	34.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.10%	
62) 4-Bromofluorobenzene	12.63	95	291631	29.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	974	2.332	ug/l #	82
16) Acetone	4.15	43	3420	1.920	ug/l #	82
20) Methylene Chloride	4.91	84	31538	Below Cal		99
36) 1,1-Dichloropropene	7.95	75	50274	4.327	ug/l #	49
38) Carbon Tetrachloride	7.95	117	61806	5.912	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	42	8.954	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	139656	43.775	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	139656	104.792	ug/l #	13
95) Naphthalene	15.38	128	1375	3.009	ug/l #	84

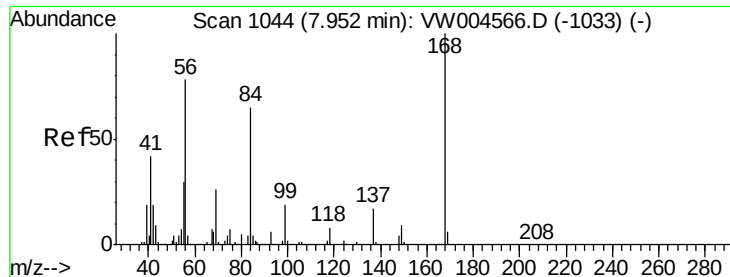
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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JC-03-080918-G

Quant Time: Aug 11 05:19:17 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
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: VW004624.D

Acq: 11 Aug 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

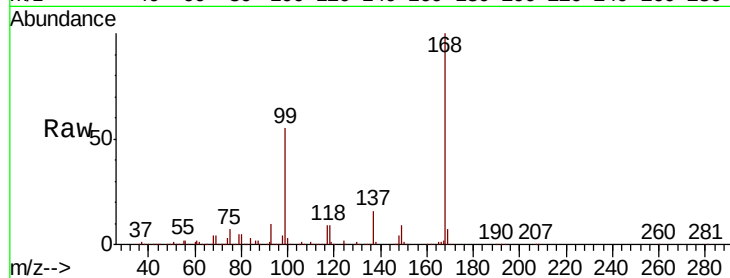
JC-03-080918-G

Tgt Ion:168 Resp: 644322

Ion Ratio Lower Upper

168 100

99 54.9 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

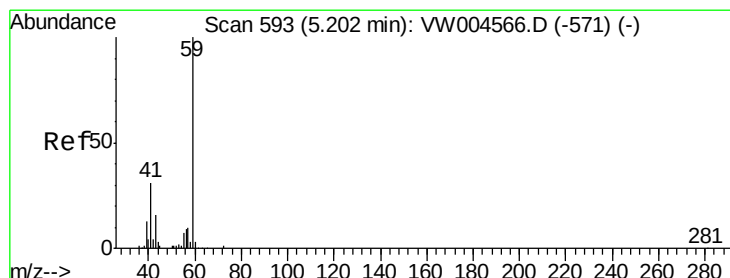
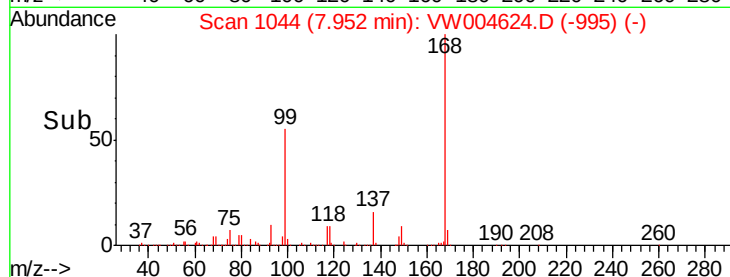
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.332 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004624.D

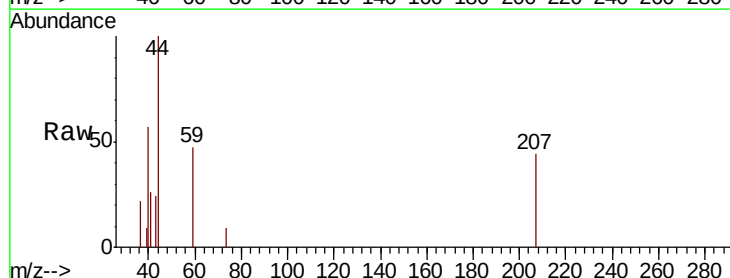
Acq: 11 Aug 2018 04:34

Tgt Ion: 59 Resp: 974

Ion Ratio Lower Upper

59 100

57 4.5 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

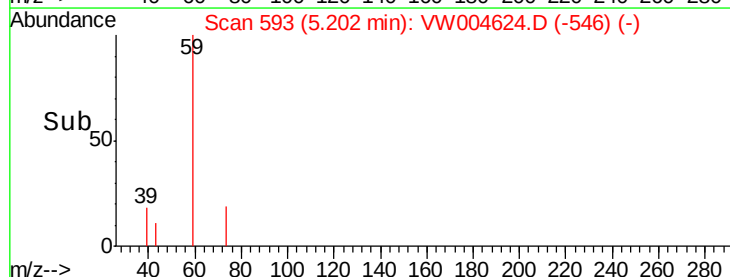
300

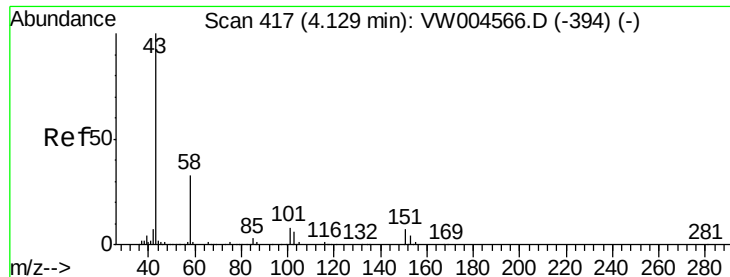
200

100

0

Time-->

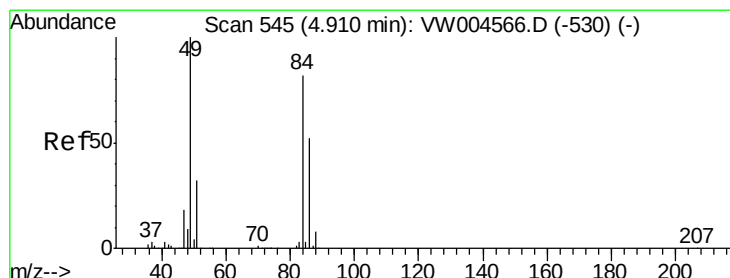
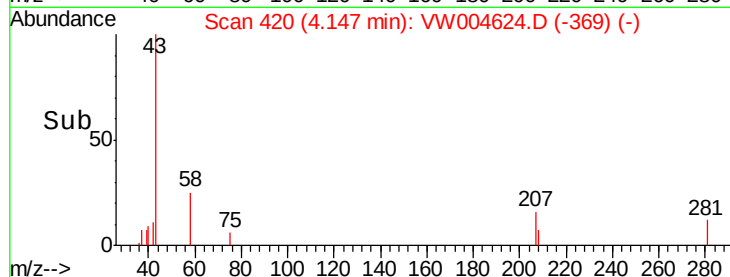
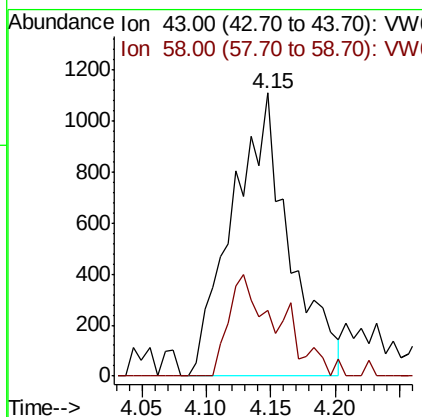
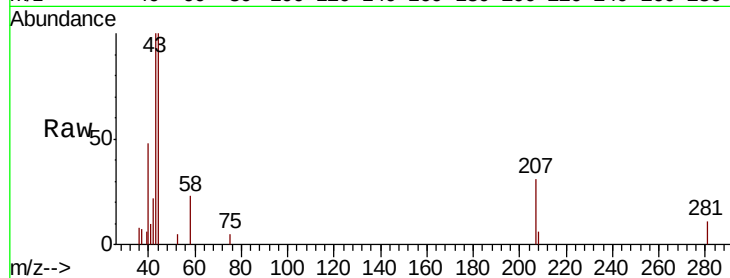




#16
Acetone
Concen: 1.920 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW004624.D
Acq: 11 Aug 2018 04:34

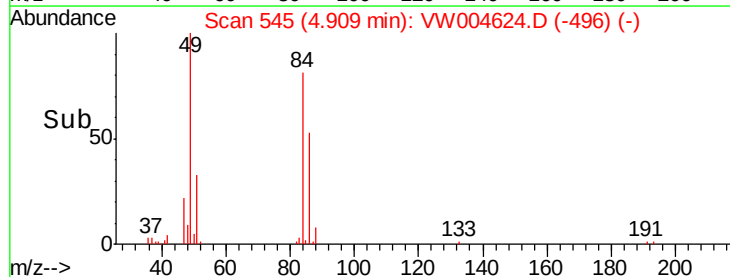
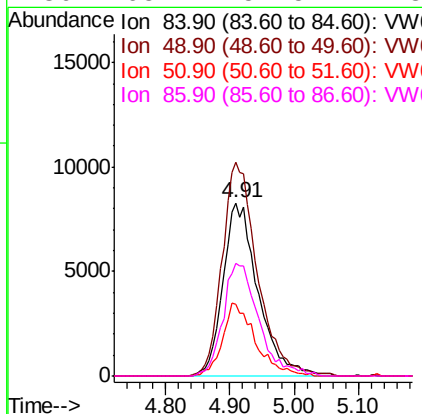
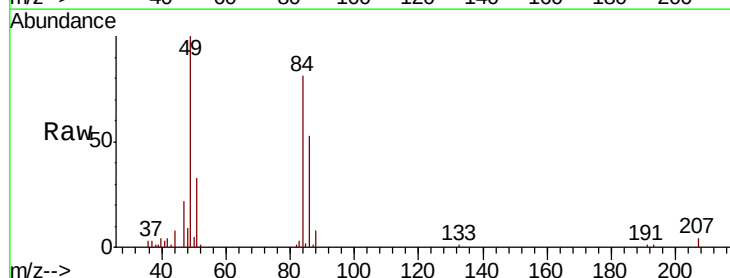
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-G

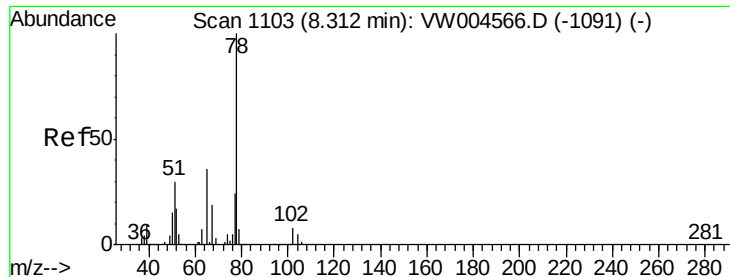
Tgt Ion: 43 Resp: 3420
Ion Ratio Lower Upper
43 100
58 23.5 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004624.D
Acq: 11 Aug 2018 04:34

Tgt Ion: 84 Resp: 31538
Ion Ratio Lower Upper
84 100
49 123.4 99.6 149.4
51 41.2 31.0 46.4
86 65.1 51.5 77.3

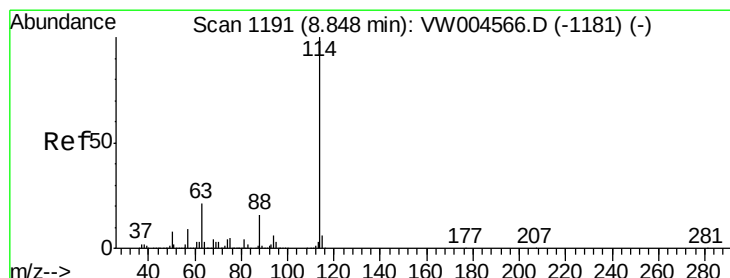
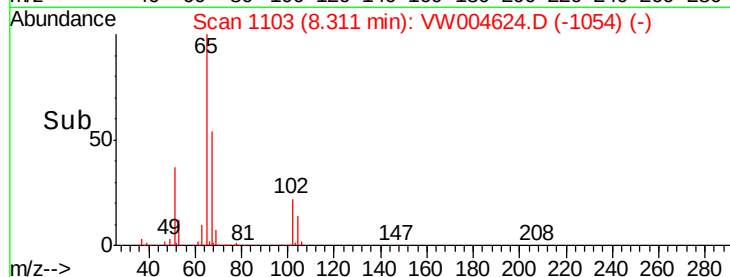
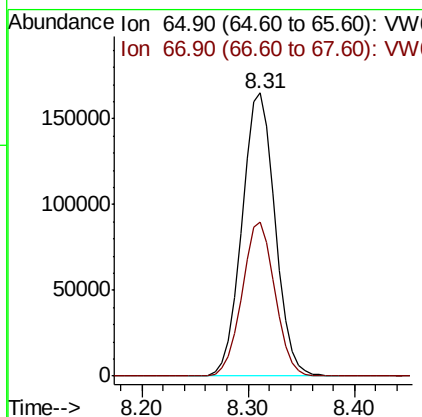
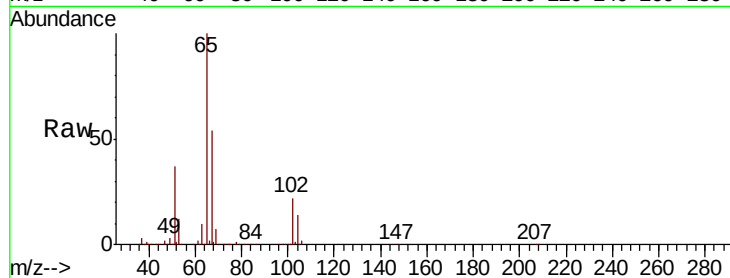




#33
 1,2-Dichloroethane-d4
 Concen: 50.506 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

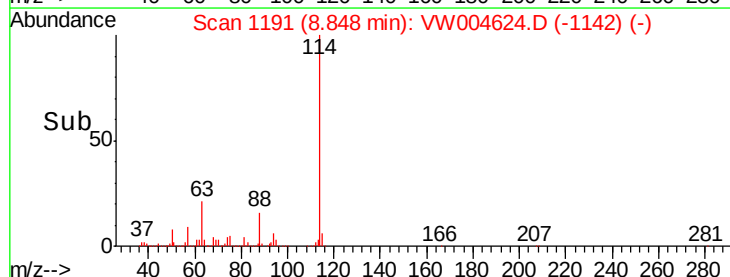
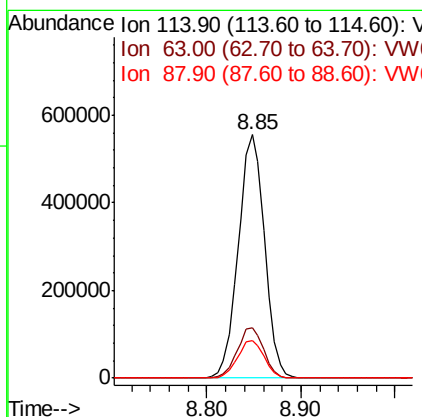
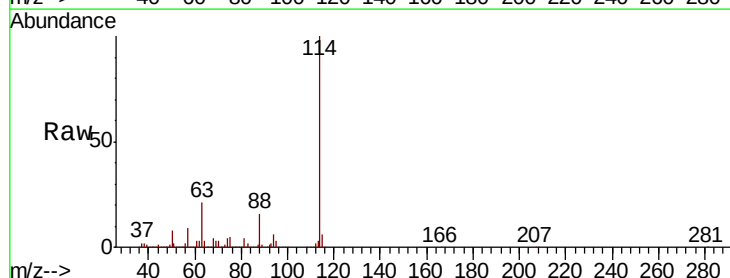
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-G

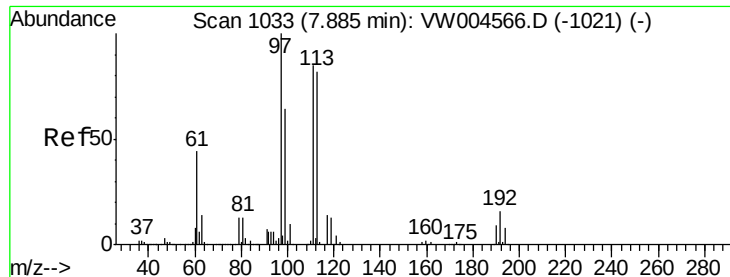
Tgt Ion: 65 Resp: 360233
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

Tgt Ion: 114 Resp: 1079057
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.6 0.0 31.2

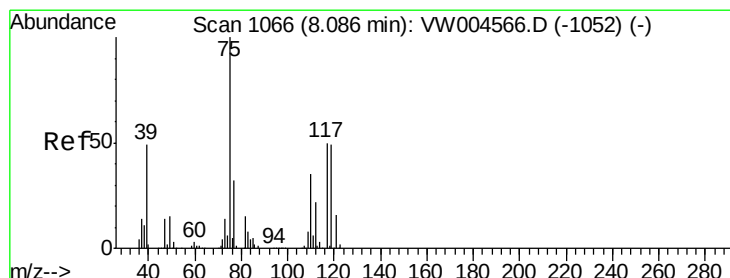
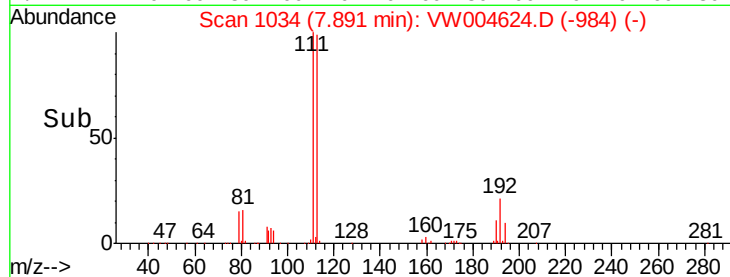
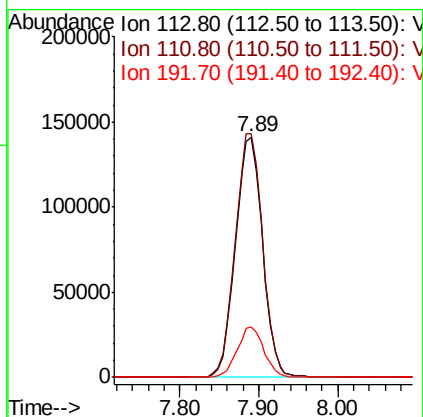
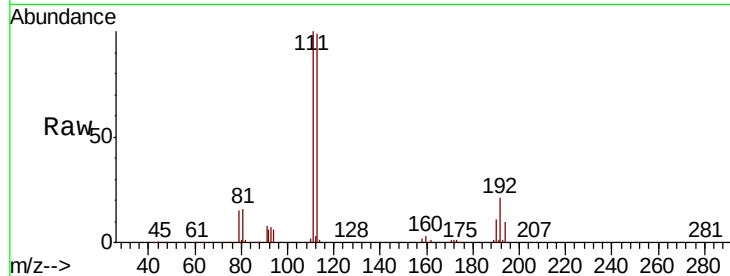




#35
 Dibromofluoromethane
 Concen: 46.880 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

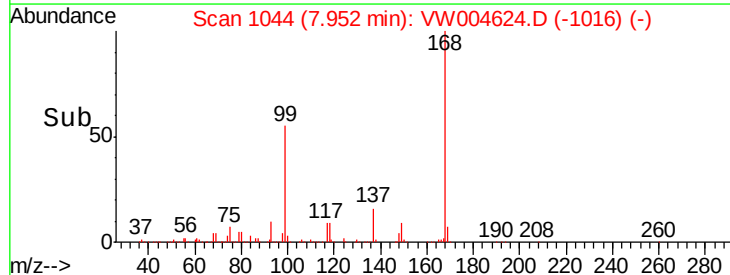
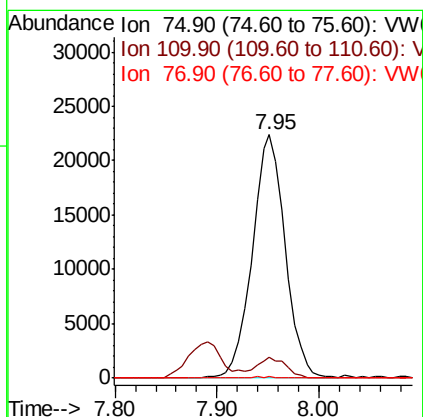
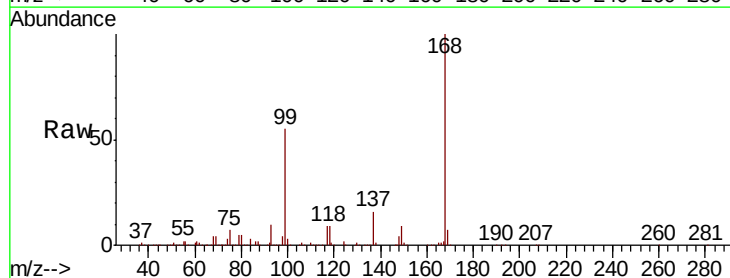
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-G

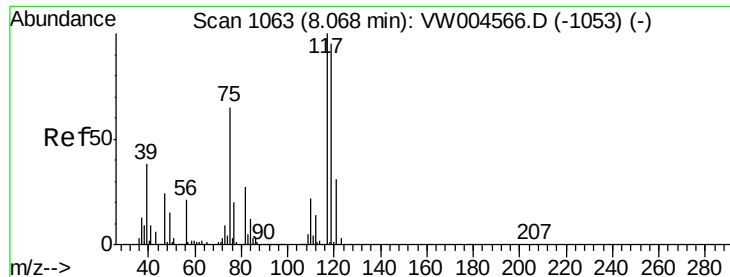
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.5	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.327 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.4	52.2#
77	0.3	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.912 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004624.D

Acq: 11 Aug 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-G

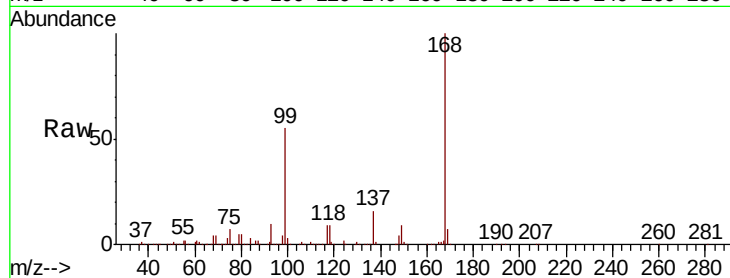
Tgt Ion:117 Resp: 61806

Ion Ratio Lower Upper

117 100

119 6.0 76.1 114.1#

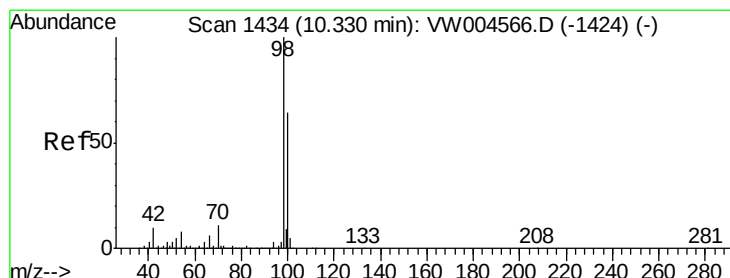
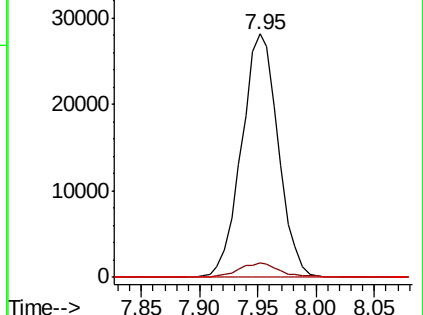
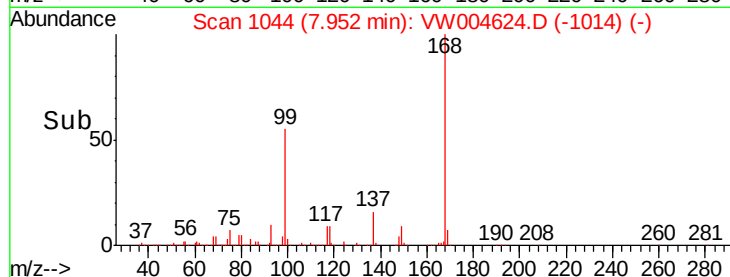
121 0.0 24.2 36.4#



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: 34.048 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004624.D

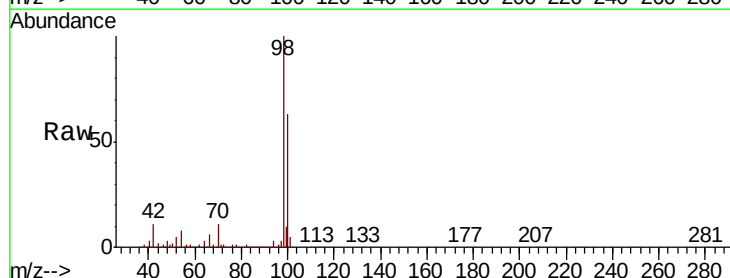
Acq: 11 Aug 2018 04:34

Tgt Ion: 98 Resp: 933922

Ion Ratio Lower Upper

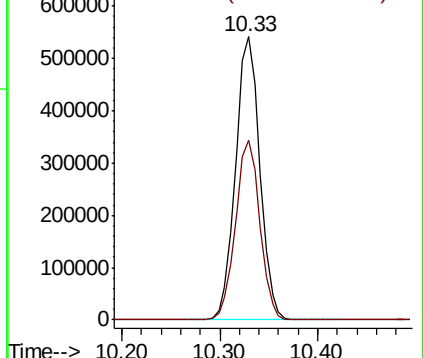
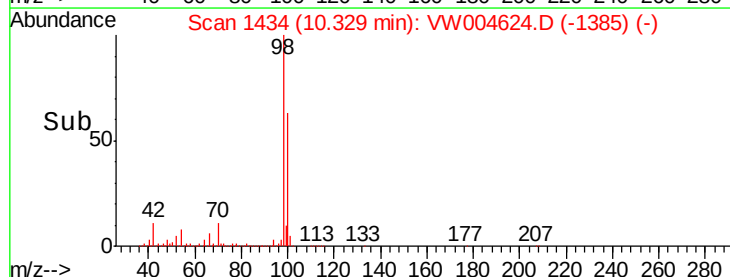
98 100

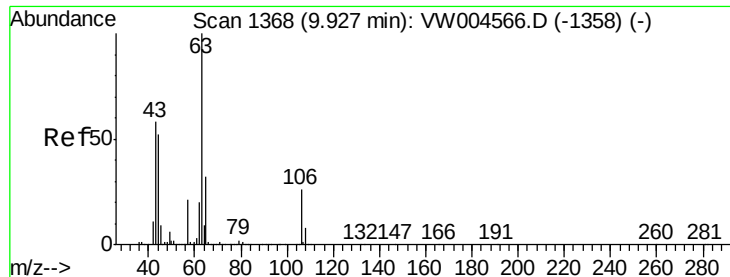
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

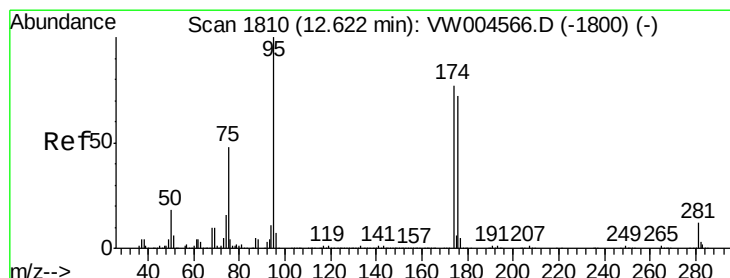
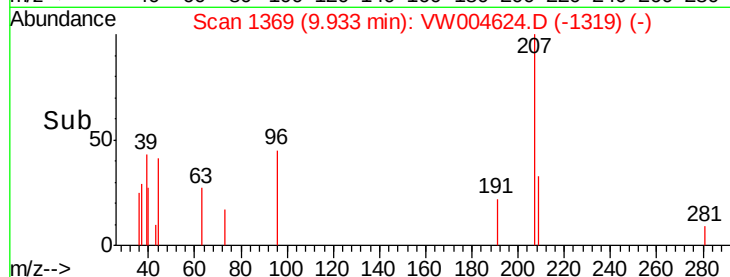
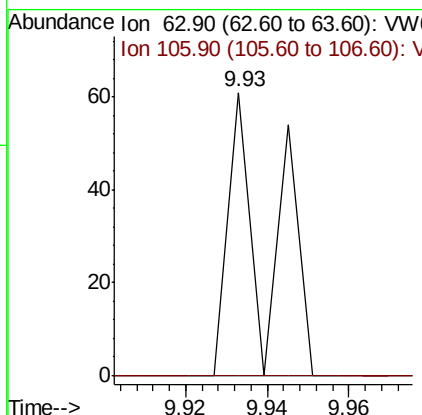
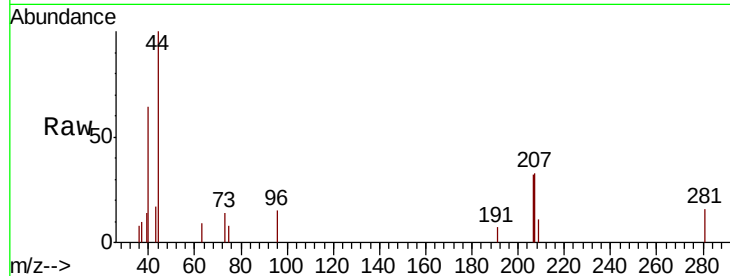




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.954 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

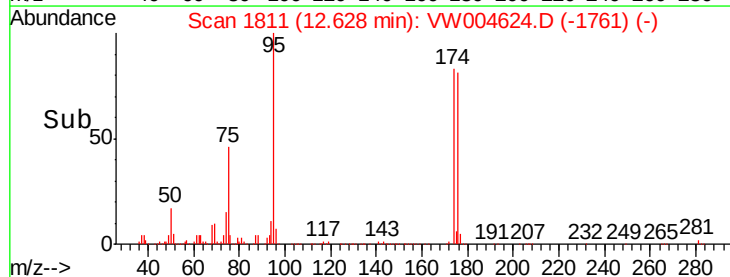
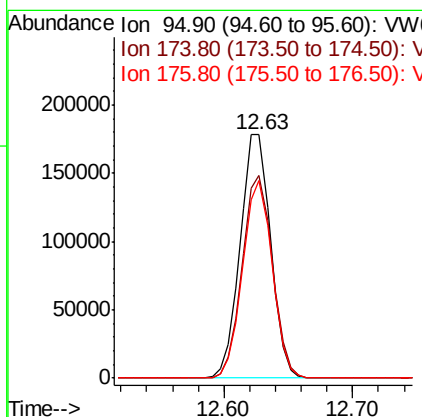
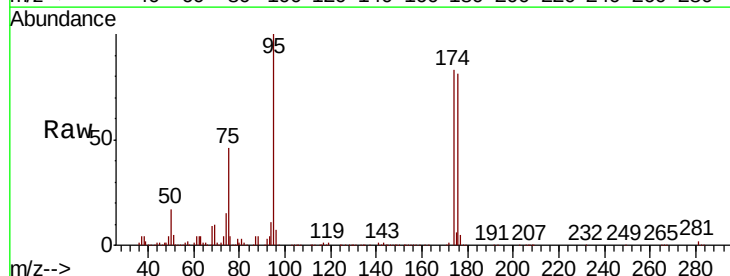
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 MSVOA_W
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 JC-03-080918-G

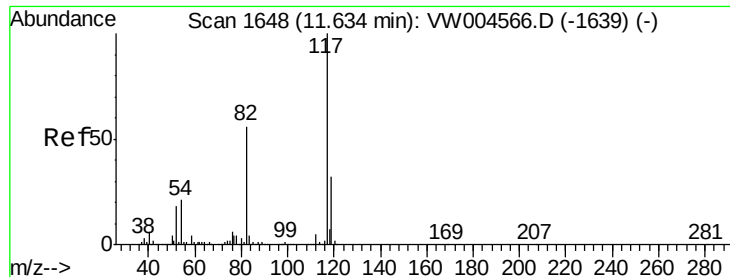
Tgt Ion: 63 Resp: 42
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 29.516 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

Tgt Ion: 95 Resp: 291631
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 160.4
 176 78.7 0.0 153.2

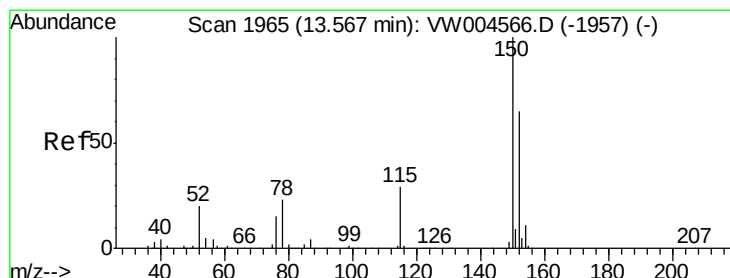
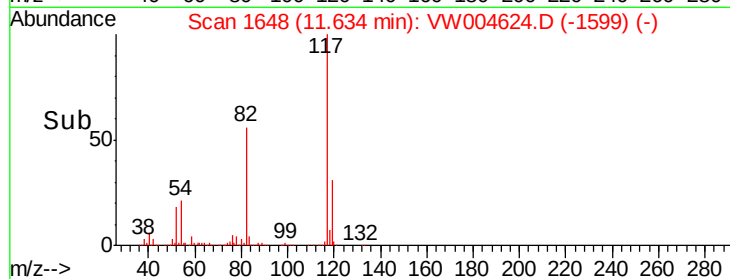
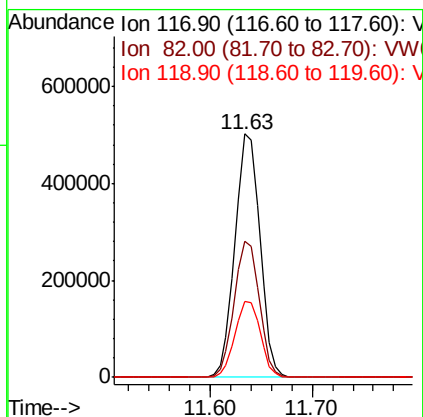
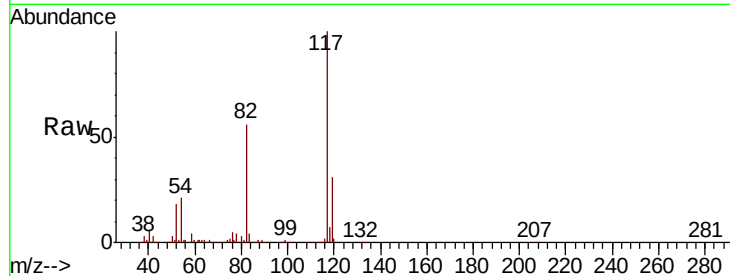




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004624.D
Acq: 11 Aug 2018 04:34

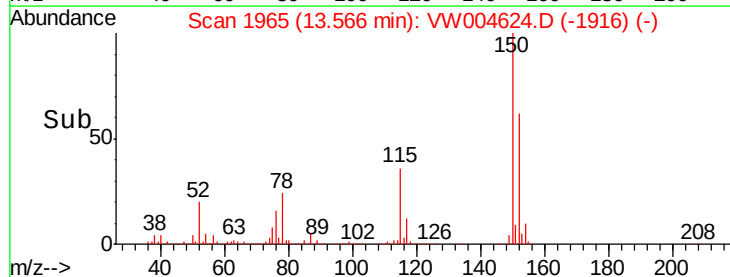
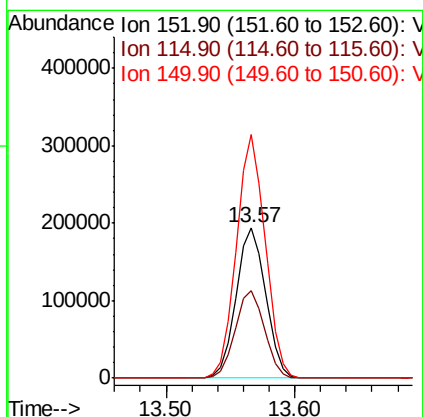
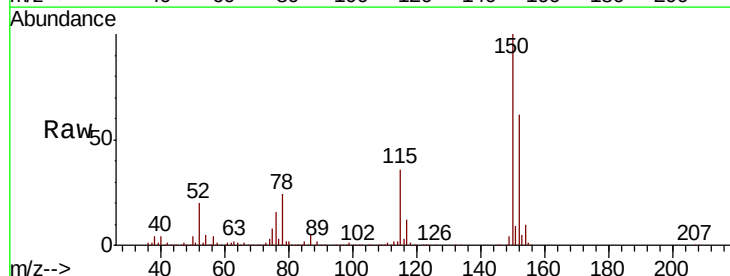
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-G

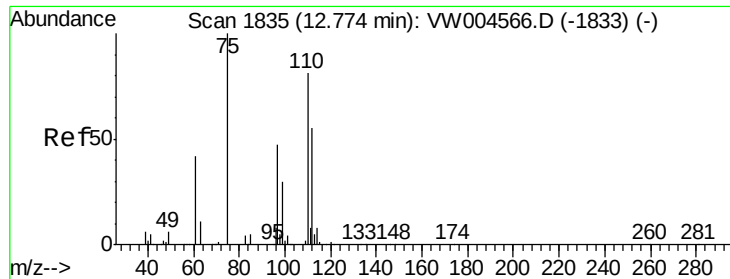
Tgt Ion:117 Resp: 850398
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004624.D
Acq: 11 Aug 2018 04:34

Tgt Ion:152 Resp: 308307
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 158.0 0.0 349.6

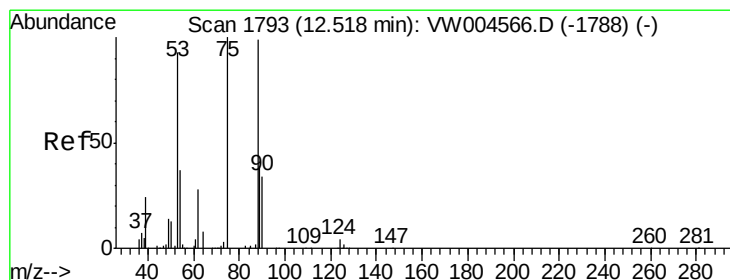
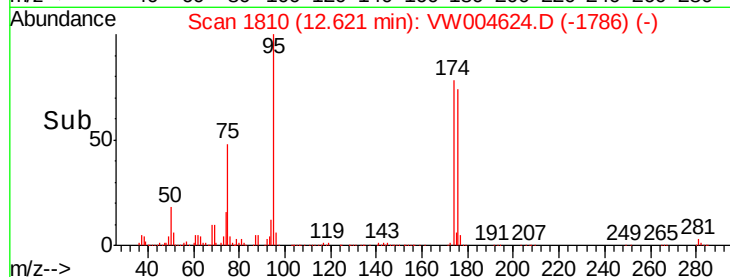
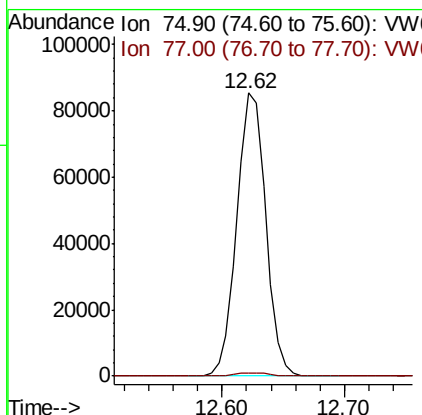
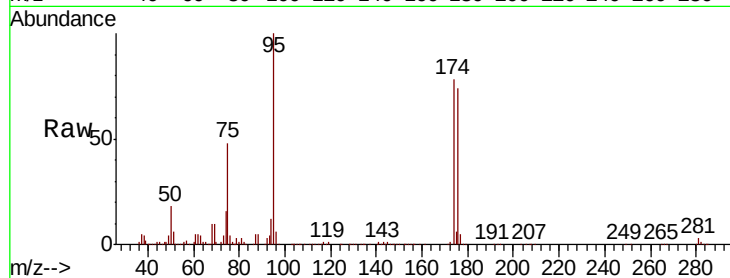




#76
 1,2,3-Trichloropropane
 Concen: 43.775 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

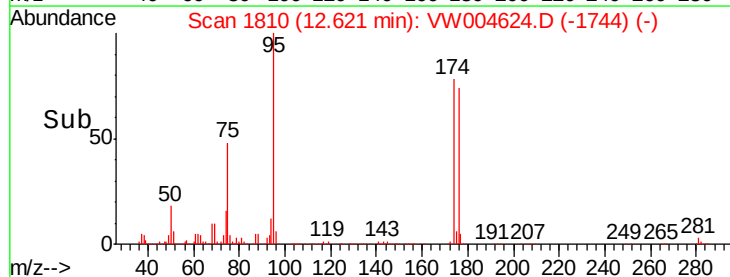
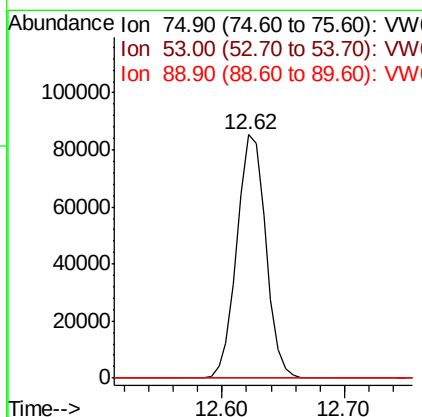
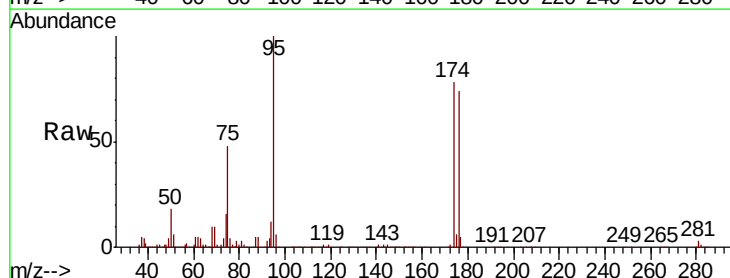
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-G

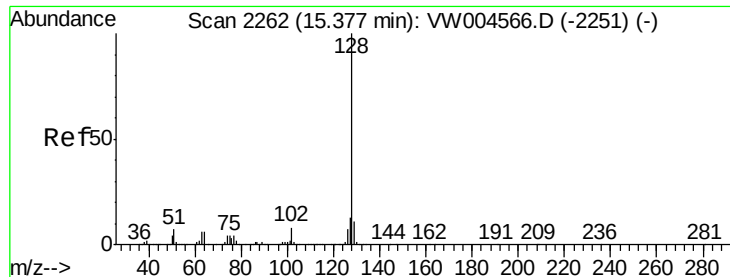
Tgt Ion: 75 Resp: 139656
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.792 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004624.D
 Acq: 11 Aug 2018 04:34

Tgt Ion: 75 Resp: 139656
 Ion Ratio Lower Upper
 75 100
 53 0.4 74.4 111.6#
 89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 3.009 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004624.D

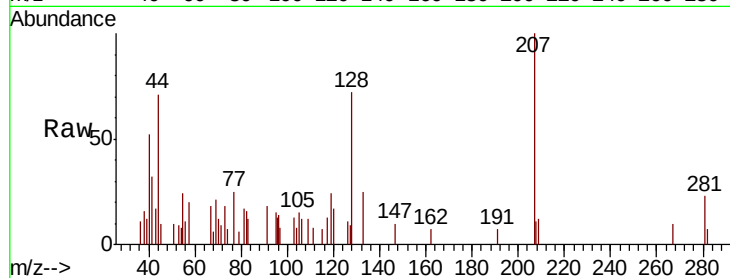
Acq: 11 Aug 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-G



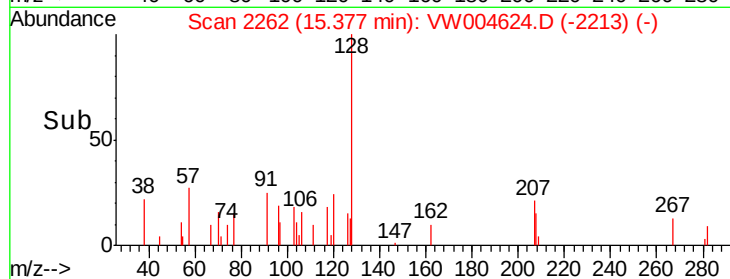
Tgt Ion:128 Resp: 1375

Ion Ratio Lower Upper

128 100

127 7.1 10.3 15.5#

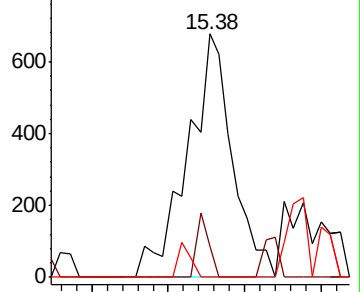
129 4.1 8.6 13.0#



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



Time-->