

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004599.D
 Acq On : 10 Aug 2018 16:06
 Operator : SY/AP
 Sample : J4382-03
 Misc : 14.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-5-7

Quant Time: Aug 11 01:00:56 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	644128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1069819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1019993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	466953	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	365180	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	327799	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.33	98	1131755	41.62	ug/l	0.00
Spiked Amount			Recovery	=	83.24%	
62) 4-Bromofluorobenzene	12.63	95	373358	38.11	ug/l	0.00
Spiked Amount			Recovery	=	76.22%	

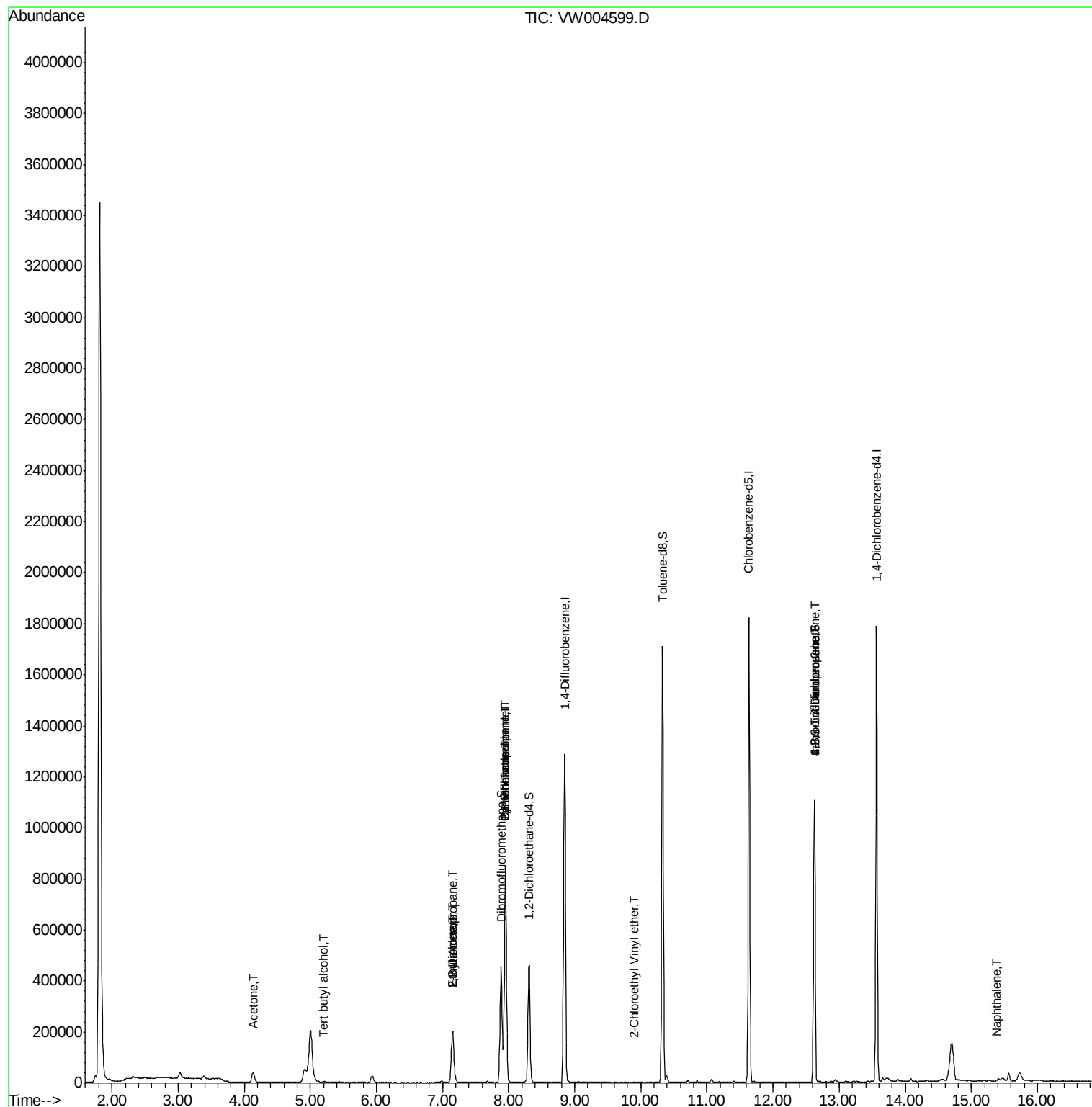
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	4529	10.848	ug/l #	82
16) Acetone	4.14	43	72190	40.541	ug/l	98
20) Methylene Chloride	4.92	84	50244	Below Cal		94
25) 2-Butanone	7.16	43	8205	2.865	ug/l #	76
26) 2,2-Dichloropropane	7.15	77	13952	1.904	ug/l #	50
31) Cyclohexane	7.95	56	13786	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	50482	4.383	ug/l #	49
37) Ethyl Acetate	7.16	43	8205	1.521	ug/l #	1
38) Carbon Tetrachloride	7.95	117	60940	5.879	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.91	63	23	8.950	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	179458	37.140	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	179458	88.908	ug/l #	13
95) Naphthalene	15.37	128	1266	2.972	ug/l #	84

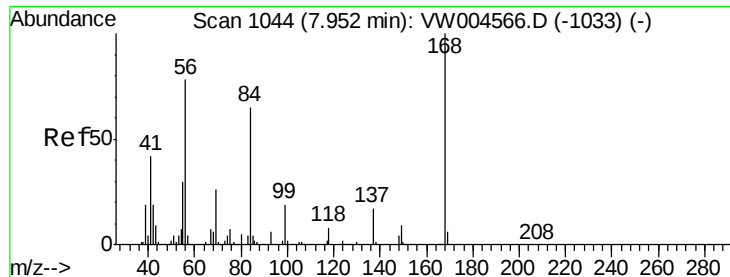
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004599.D
Acq On : 10 Aug 2018 16:06
Operator : SY/AP
Sample : J4382-03
Misc : 14.95G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

Quant Time: Aug 11 01:00:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
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: VW004599.D

Acq: 10 Aug 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

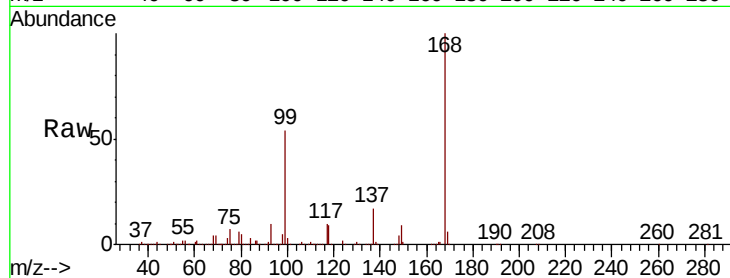
JTY-SB-03-5-7

Tgt Ion:168 Resp: 644128

Ion Ratio Lower Upper

168 100

99 53.9 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

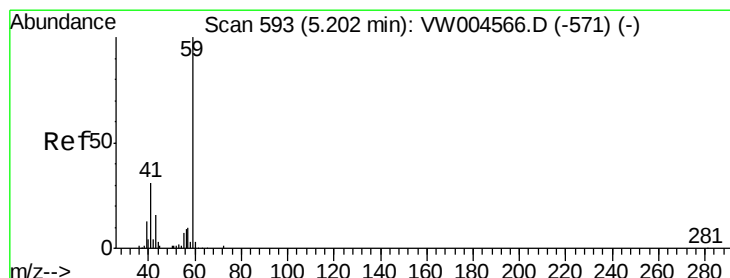
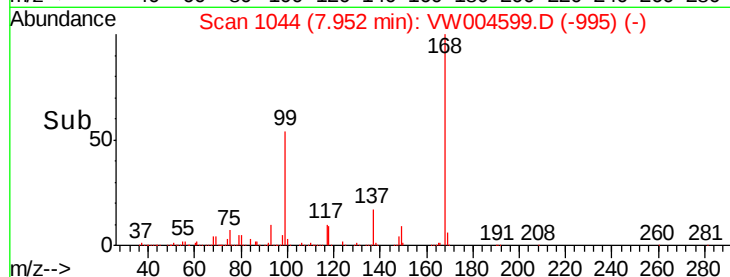
200000

100000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 10.848 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004599.D

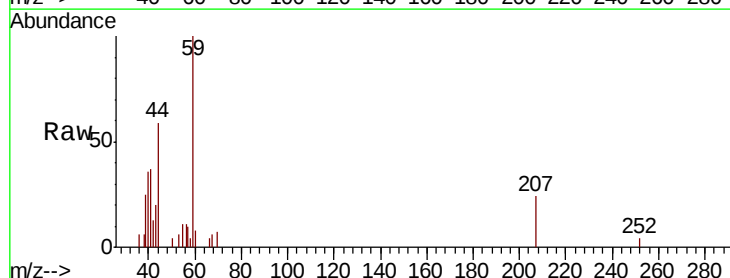
Acq: 10 Aug 2018 16:06

Tgt Ion: 59 Resp: 4529

Ion Ratio Lower Upper

59 100

57 4.4 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

1500

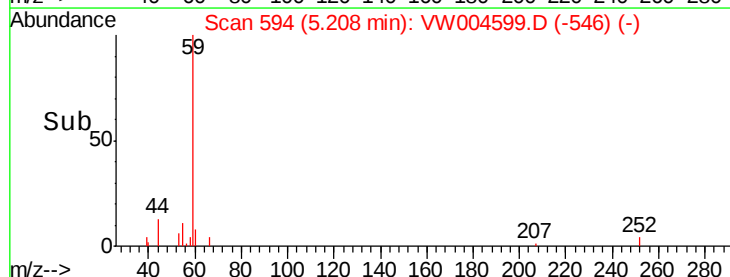
1000

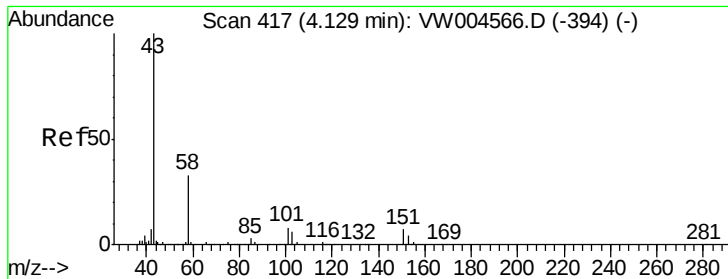
500

0

5.10 5.15 5.20 5.25 5.30

Time-->

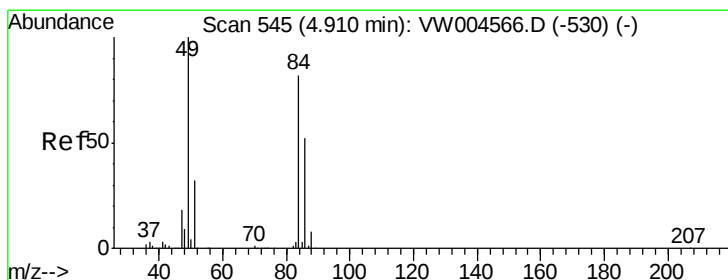
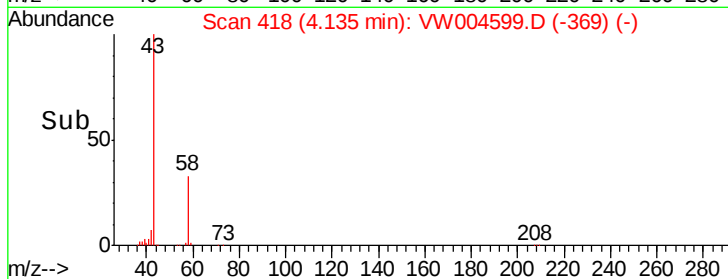
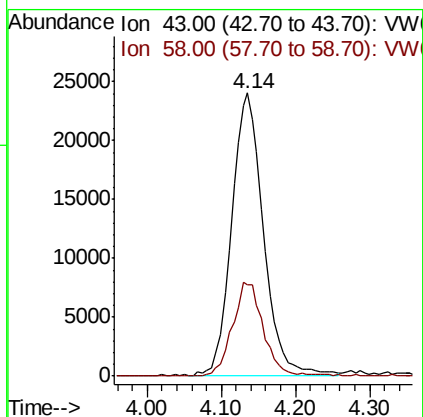
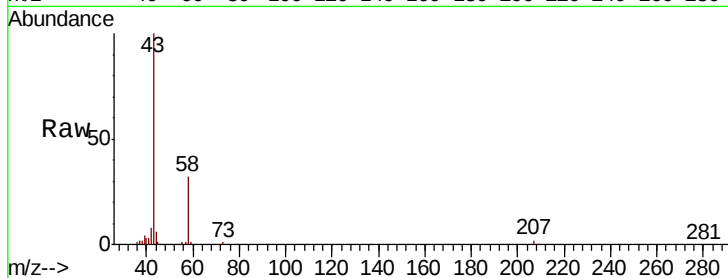




#16
Acetone
Concen: 40.541 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

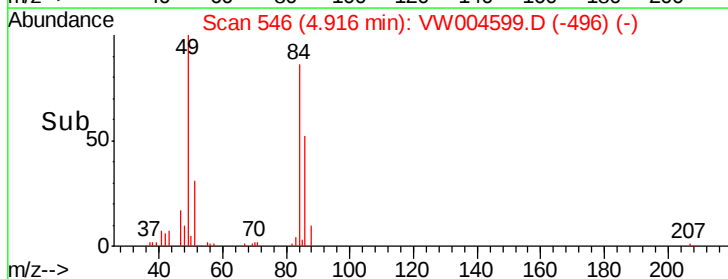
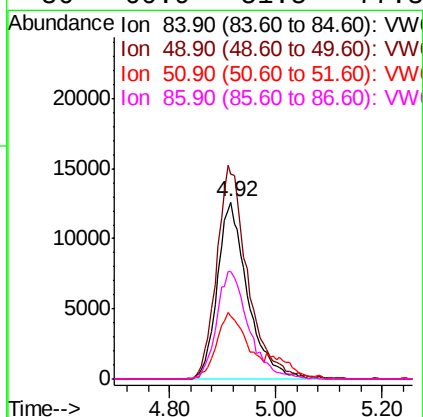
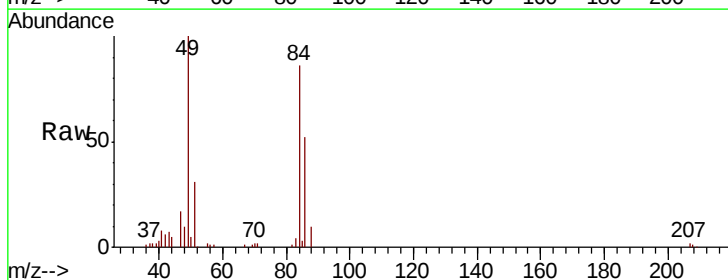
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

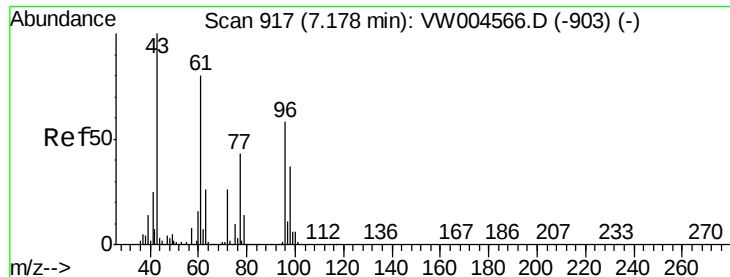
Tgt Ion: 43 Resp: 72190
Ion Ratio Lower Upper
43 100
58 32.4 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

Tgt Ion: 84 Resp: 50244
Ion Ratio Lower Upper
84 100
49 116.0 99.6 149.4
51 35.6 31.0 46.4
86 60.9 51.5 77.3

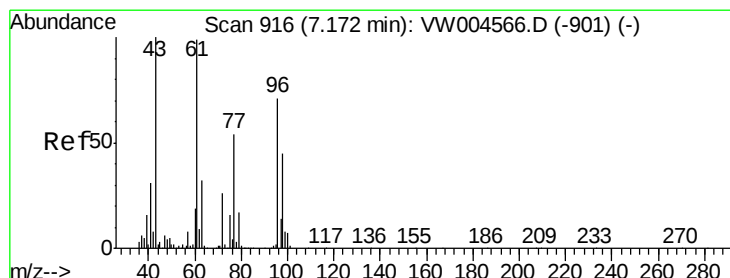
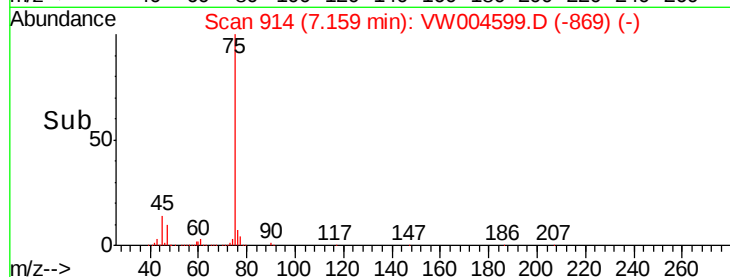
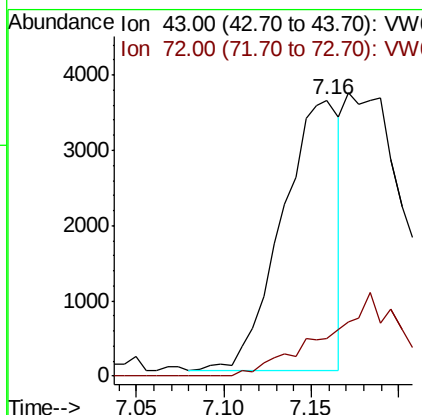
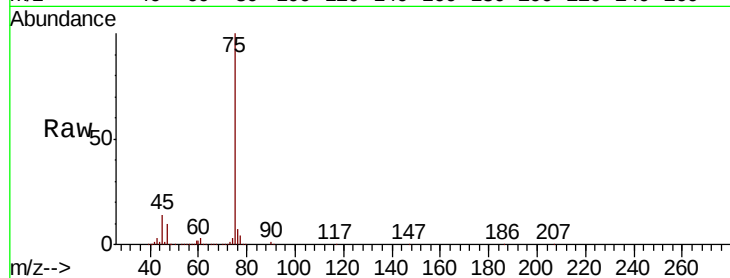




#25
2-Butanone
Concen: 2.865 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

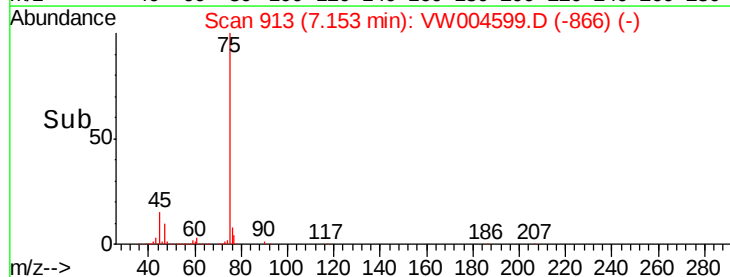
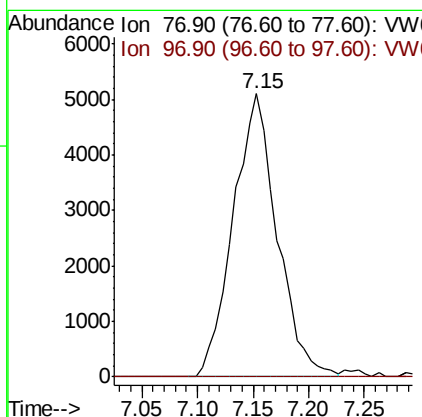
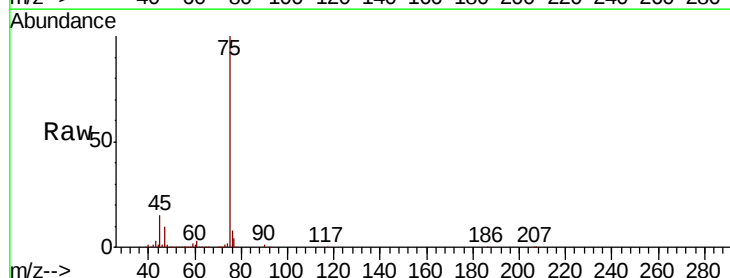
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

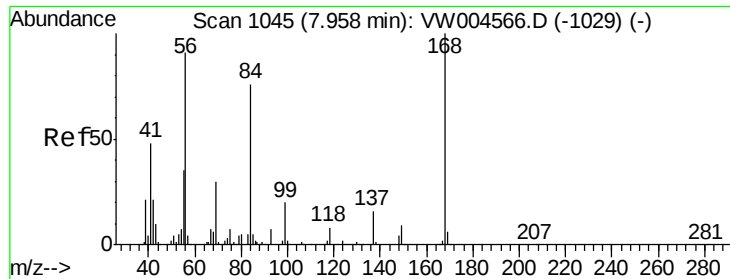
Tgt Ion: 43 Resp: 8205
Ion Ratio Lower Upper
43 100
72 13.9 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 1.904 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

Tgt Ion: 77 Resp: 13952
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#

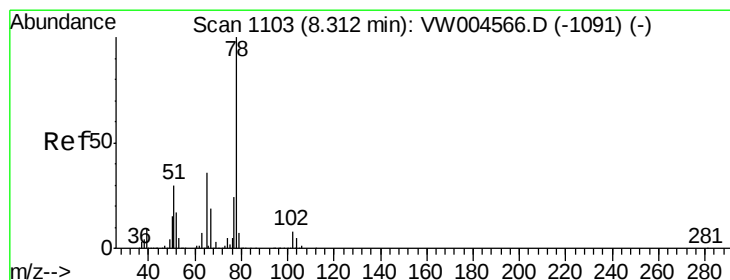
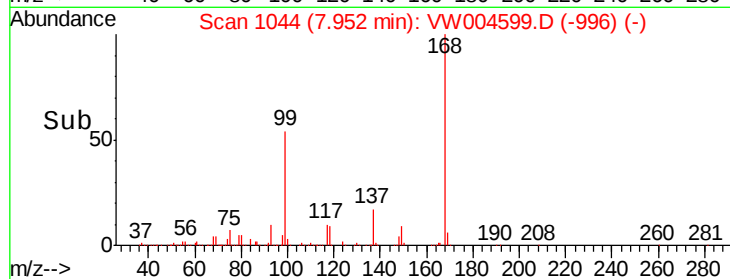
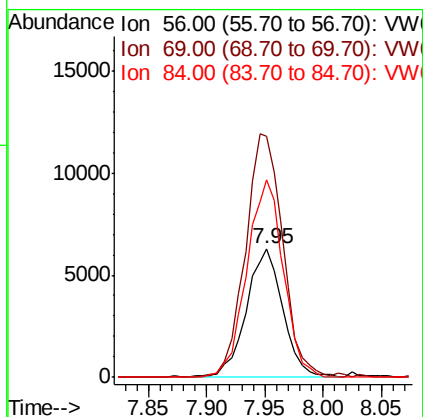
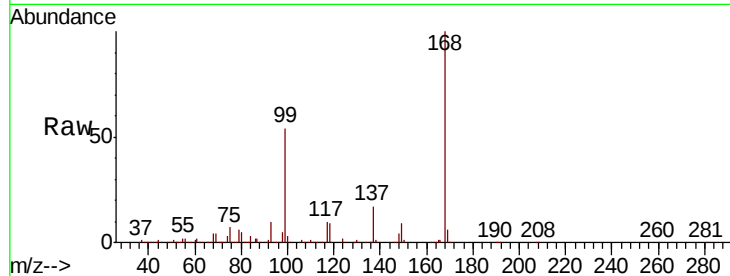




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

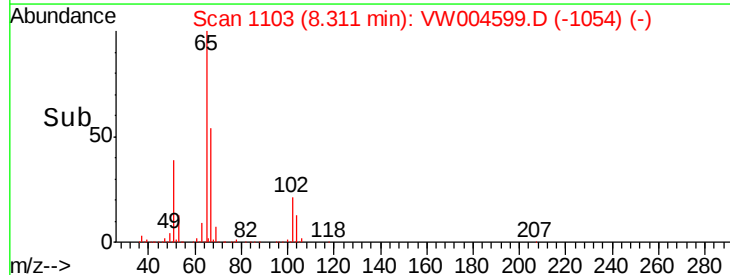
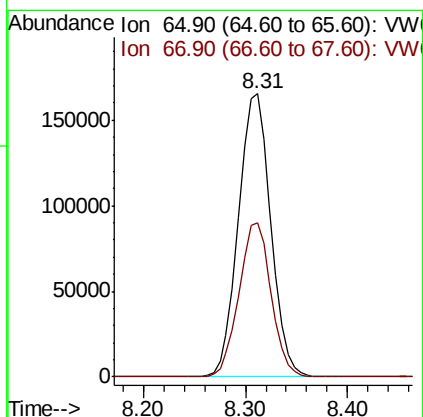
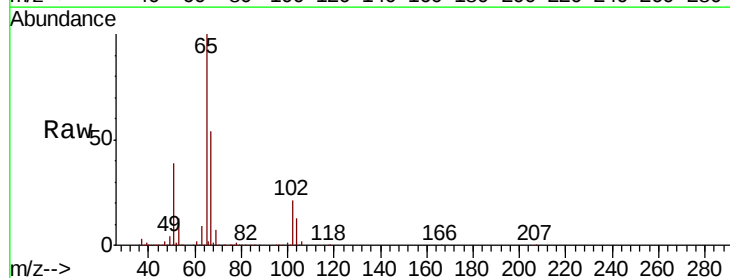
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

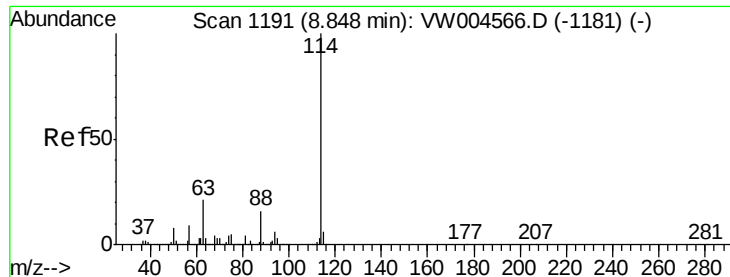
Tgt Ion: 56 Resp: 13786
Ion Ratio Lower Upper
56 100
69 187.2 26.4 39.6#
84 153.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.215 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

Tgt Ion: 65 Resp: 365180
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: VW004599.D

Acq: 10 Aug 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-5-7

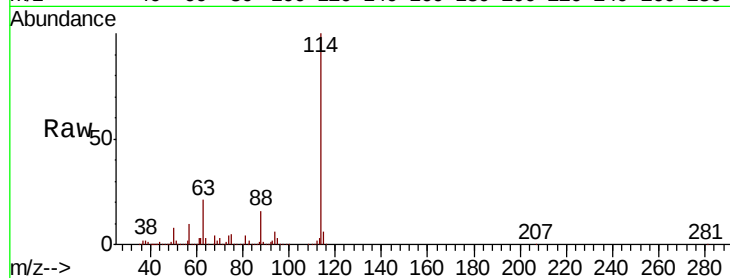
Tgt Ion:114 Resp: 1069819

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

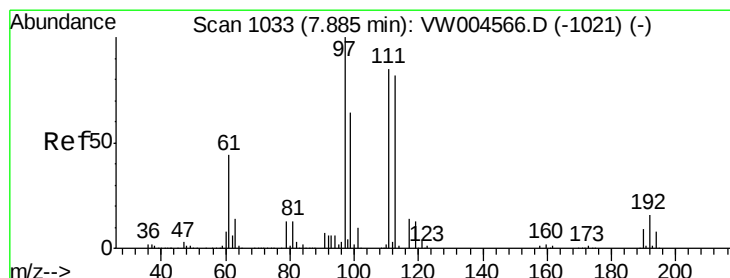
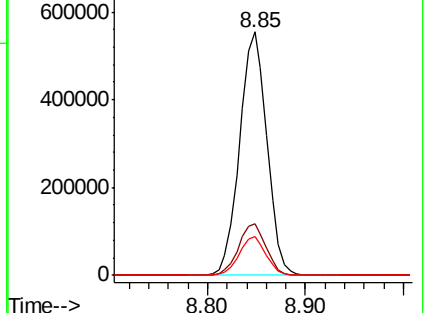
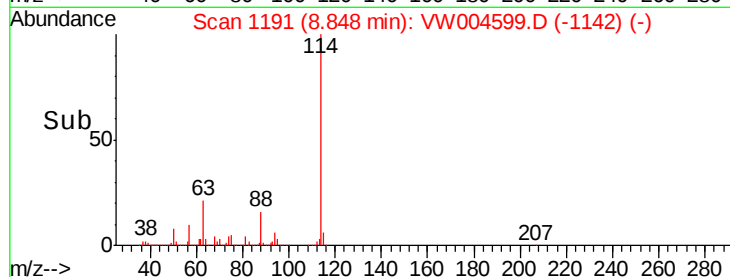
88 15.8 0.0 31.2



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: 45.954 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004599.D

Acq: 10 Aug 2018 16:06

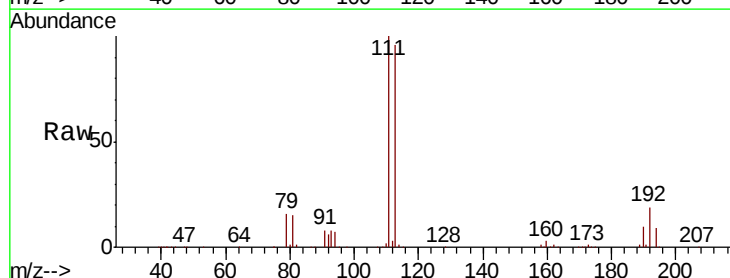
Tgt Ion:113 Resp: 327799

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

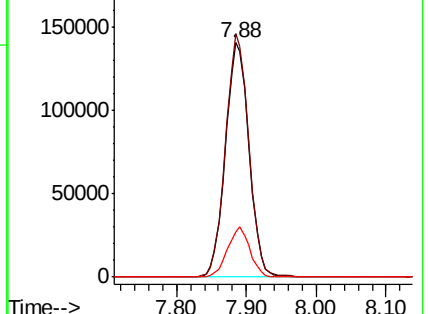
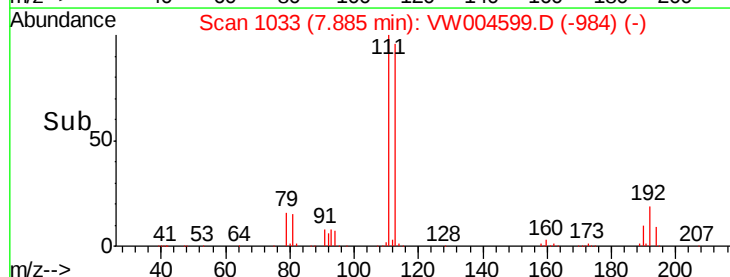
192 20.3 15.8 23.6

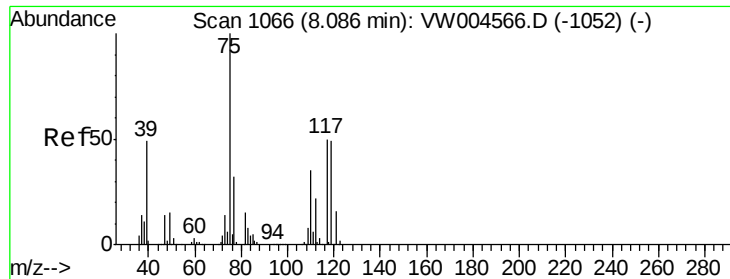


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

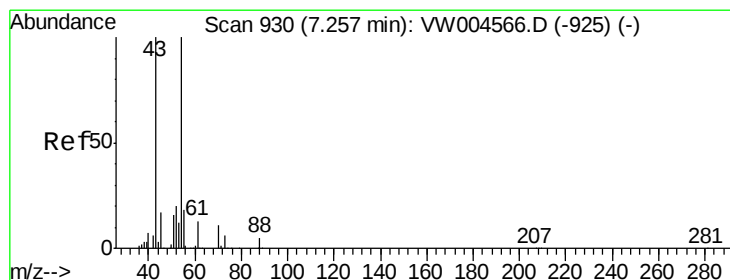
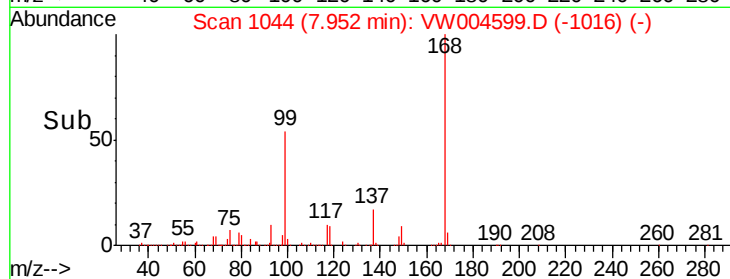
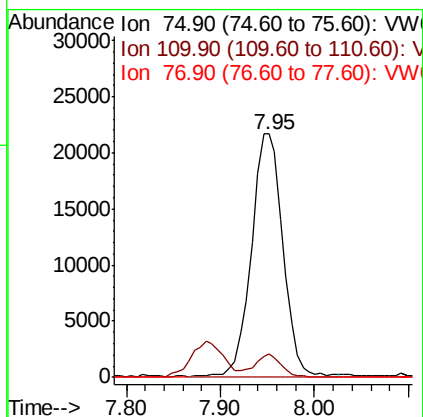
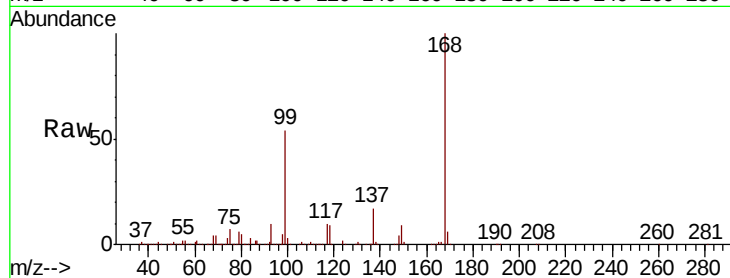




#36
 1,1-Dichloropropene
 Concen: 4.383 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

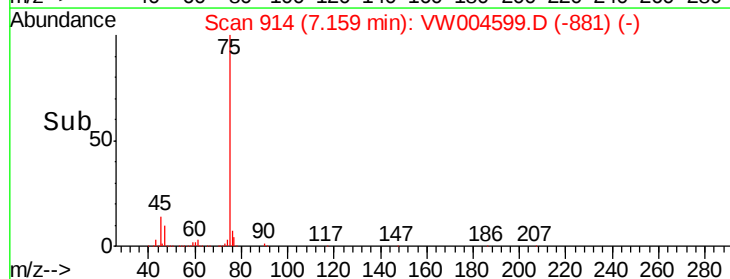
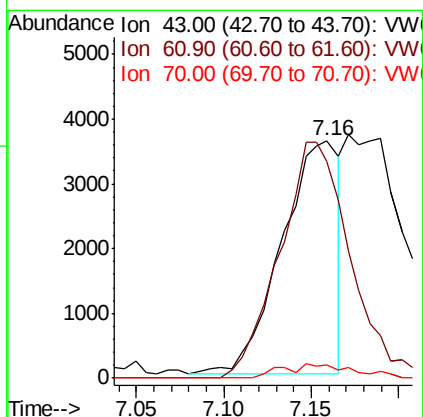
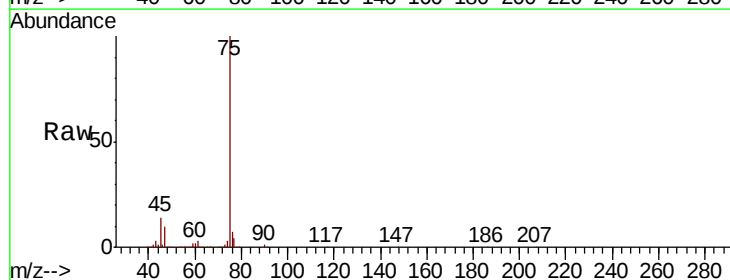
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-5-7

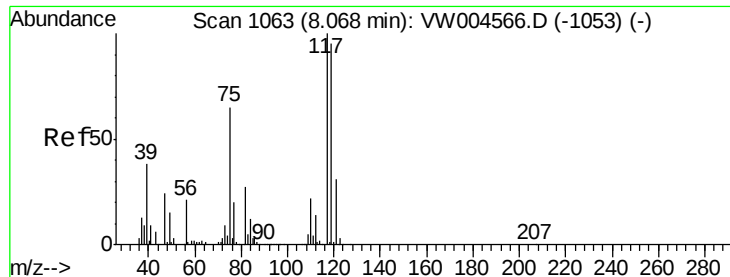
Tgt Ion: 75 Resp: 50482
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.4 52.2#
 77 0.2 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.521 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.10 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

Tgt Ion: 43 Resp: 8205
 Ion Ratio Lower Upper
 43 100
 61 125.5 11.9 17.9#
 70 7.5 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 5.879 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004599.D

Acq: 10 Aug 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-5-7

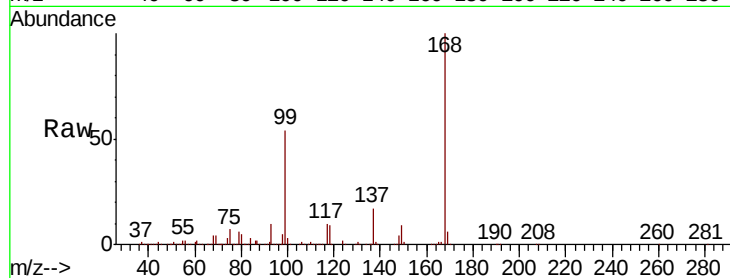
Tgt Ion:117 Resp: 60940

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

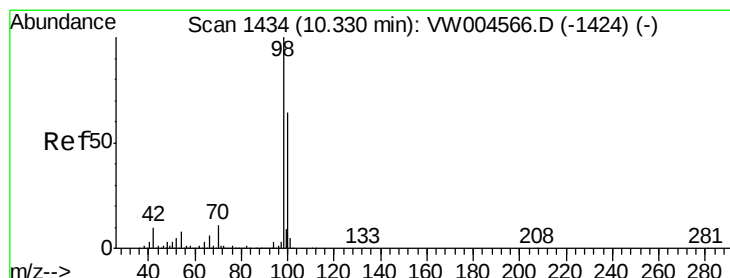
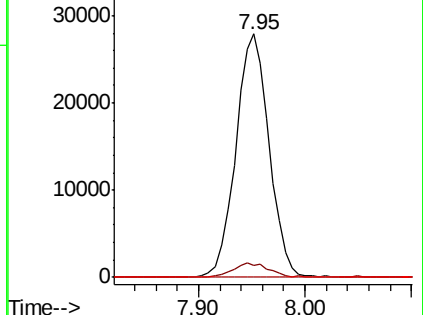
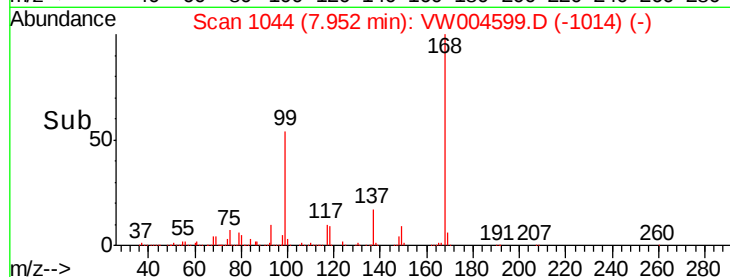
121 0.0 24.2 36.4#



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: 41.617 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004599.D

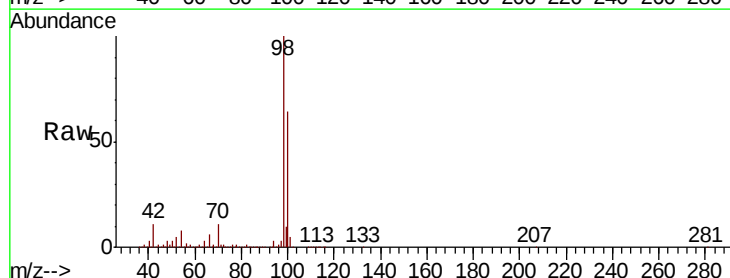
Acq: 10 Aug 2018 16:06

Tgt Ion: 98 Resp: 1131755

Ion Ratio Lower Upper

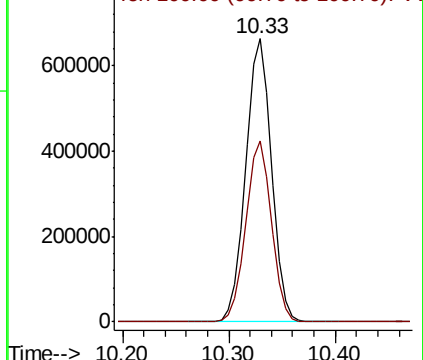
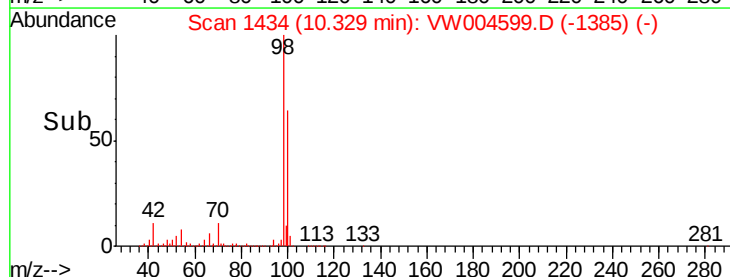
98 100

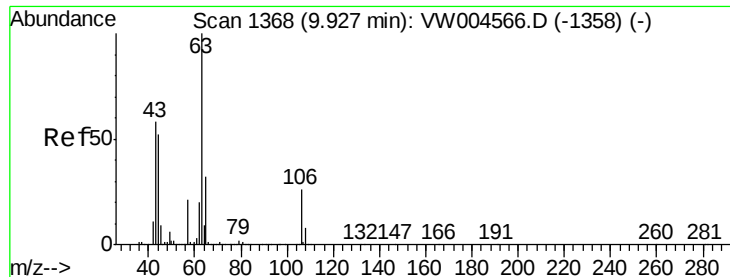
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

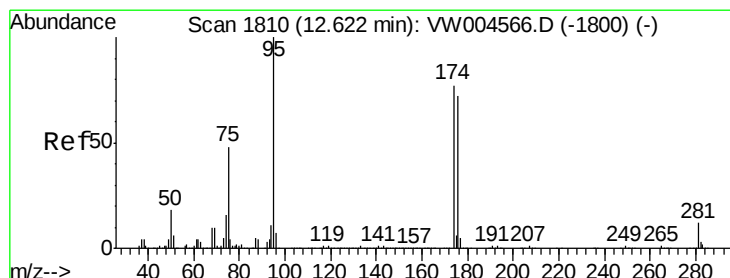
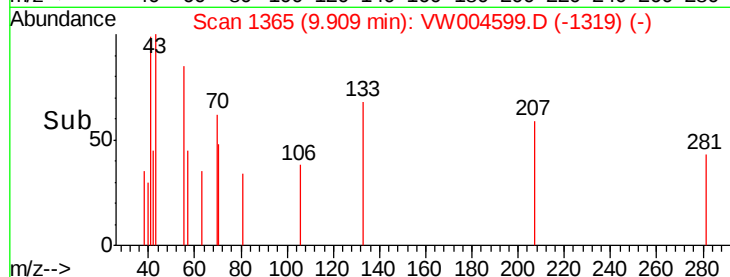
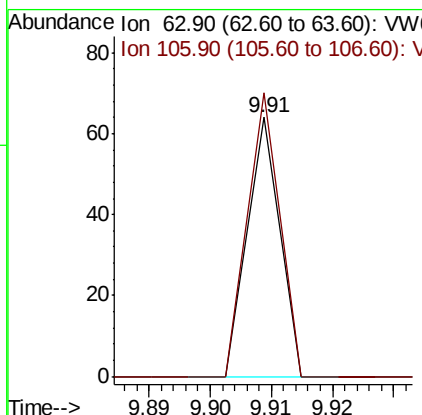
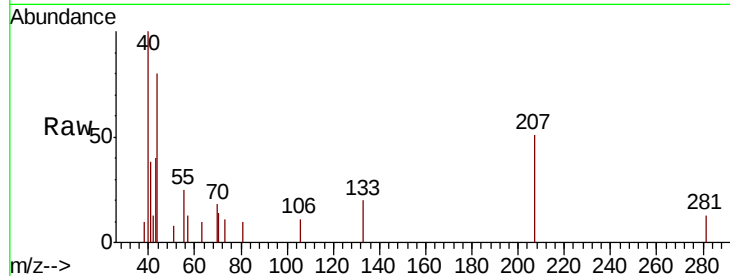




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.950 ug/l
 RT: 9.91 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

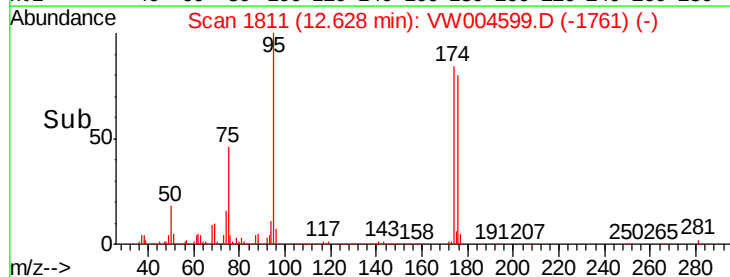
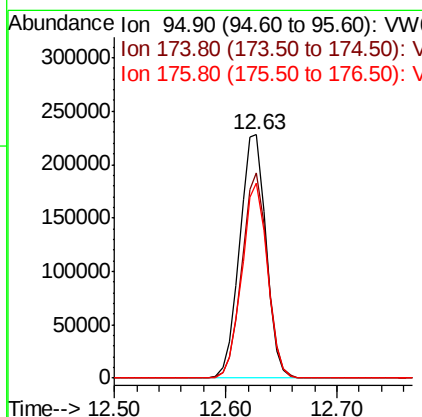
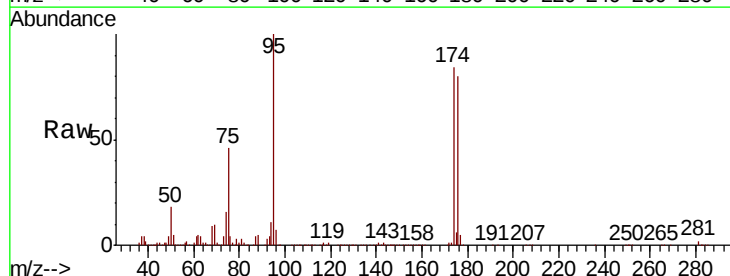
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-5-7

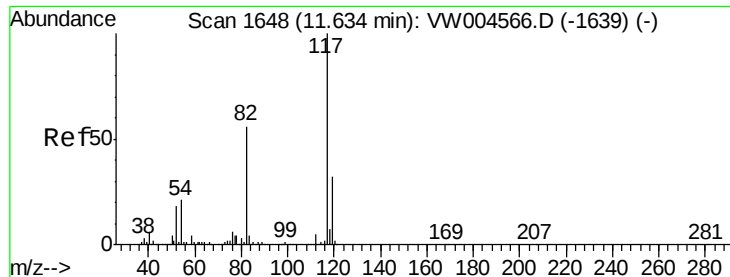
Tgt Ion: 63 Resp: 23
 Ion Ratio Lower Upper
 63 100
 106 113.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 38.114 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

Tgt Ion: 95 Resp: 373358
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 160.4
 176 78.0 0.0 153.2

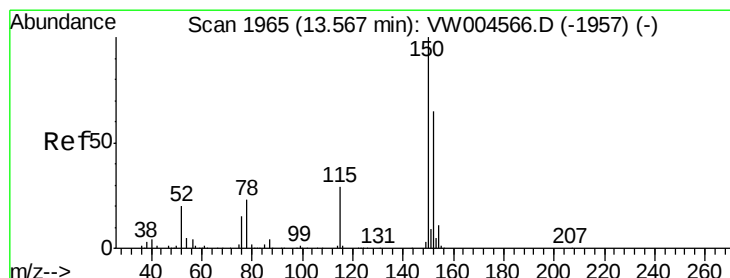
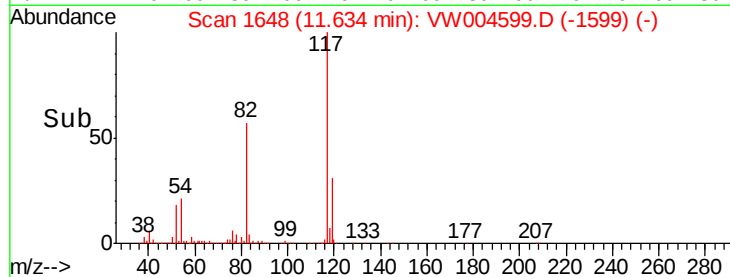
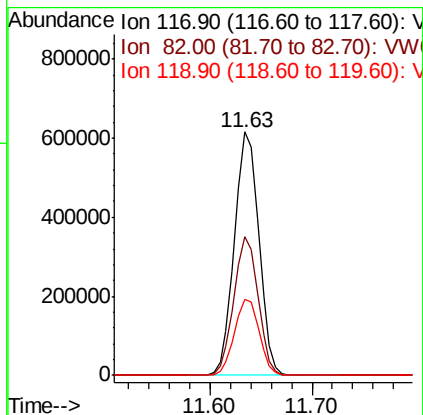
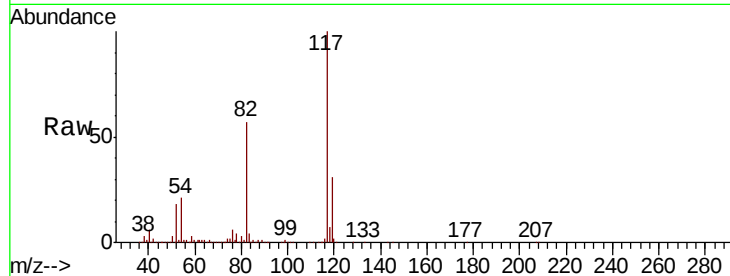




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

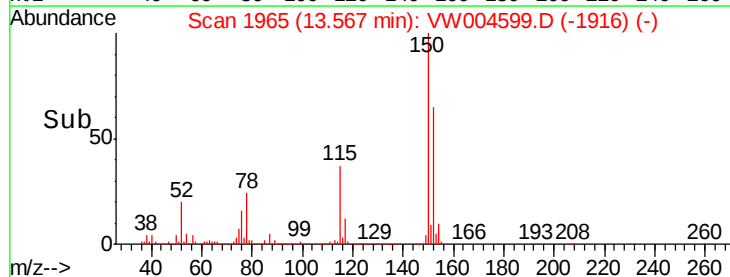
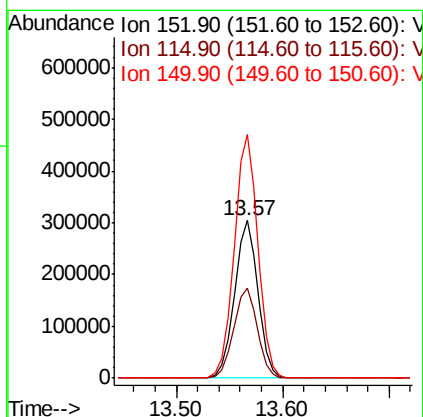
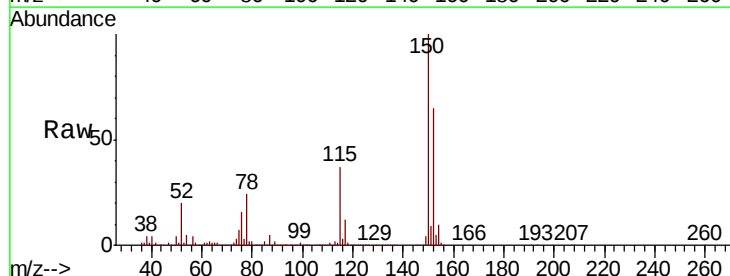
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

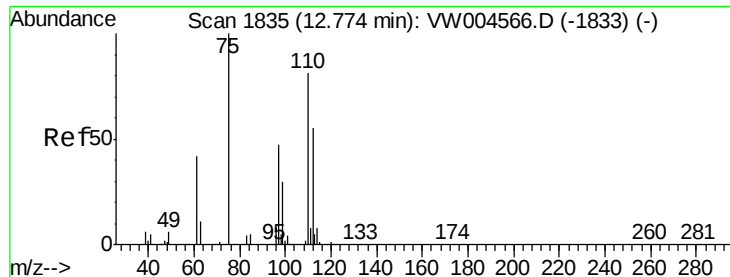
Tgt Ion:117 Resp: 1019993
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

Tgt Ion:152 Resp: 466953
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 156.0 0.0 349.6

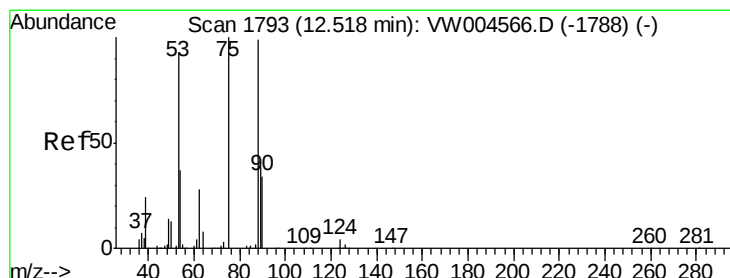
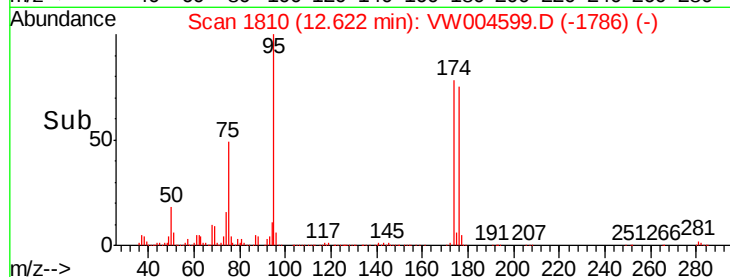
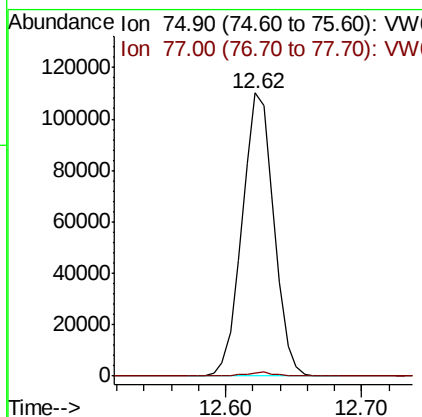
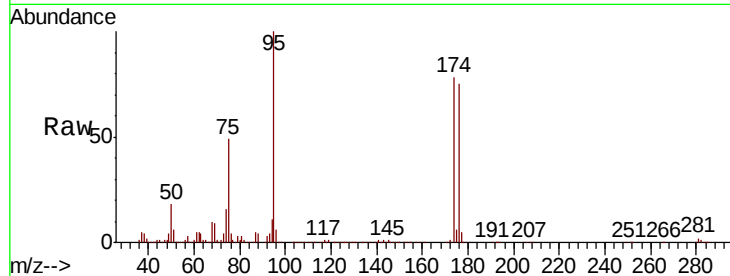




#76
 1,2,3-Trichloropropane
 Concen: 37.140 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

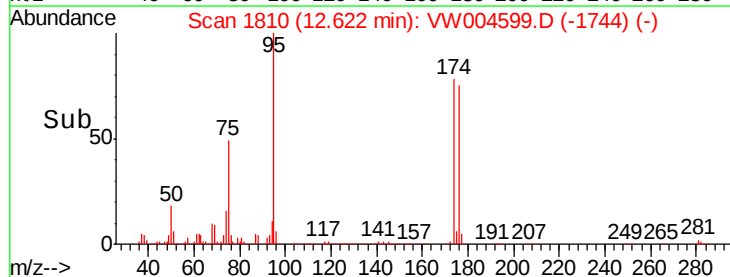
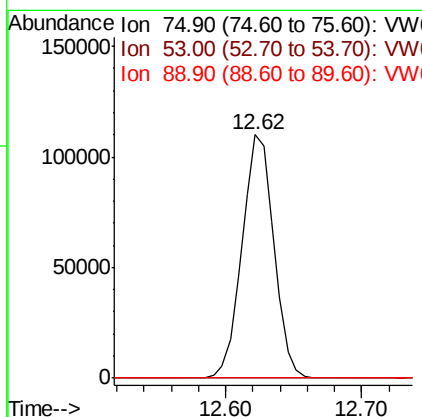
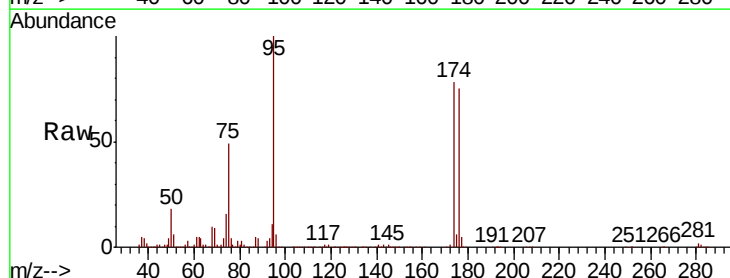
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-5-7

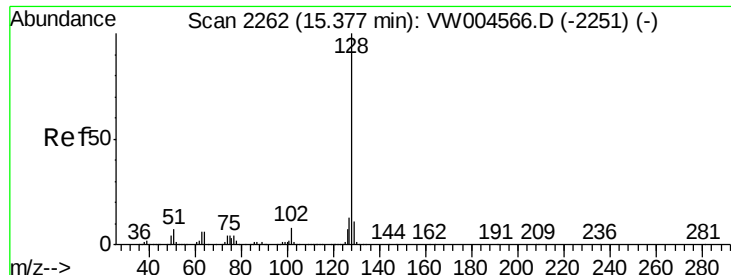
Tgt Ion: 75 Resp: 179458
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.908 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004599.D
 Acq: 10 Aug 2018 16:06

Tgt Ion: 75 Resp: 179458
 Ion Ratio Lower Upper
 75 100
 53 0.4 74.4 111.6#
 89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 2.972 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004599.D
Acq: 10 Aug 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-5-7

Tgt Ion	Ratio	Lower	Upper
128	100		
127	2.2	10.3	15.5#
129	12.2	8.6	13.0

