

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004550.D
 Acq On : 09 Aug 2018 01:28
 Operator : SY/AP
 Sample : J4044-02RE
 Misc : 12.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-1-2RE

Quant Time: Aug 09 05:17:50 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	484116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	826946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	739976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	281322	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	272860	50.92	ug/l	0.00
Spiked Amount	50.000			Recovery	=	101.84%	
35) Dibromofluoromethane		7.88	113	242767	44.03	ug/l	0.00
Spiked Amount	50.000			Recovery	=	88.06%	
50) Toluene-d8		10.33	98	721295	34.31	ug/l	0.00
Spiked Amount	50.000			Recovery	=	68.62%	
62) 4-Bromofluorobenzene		12.62	95	215644	28.48	ug/l	0.00
Spiked Amount	50.000			Recovery	=	56.96%	

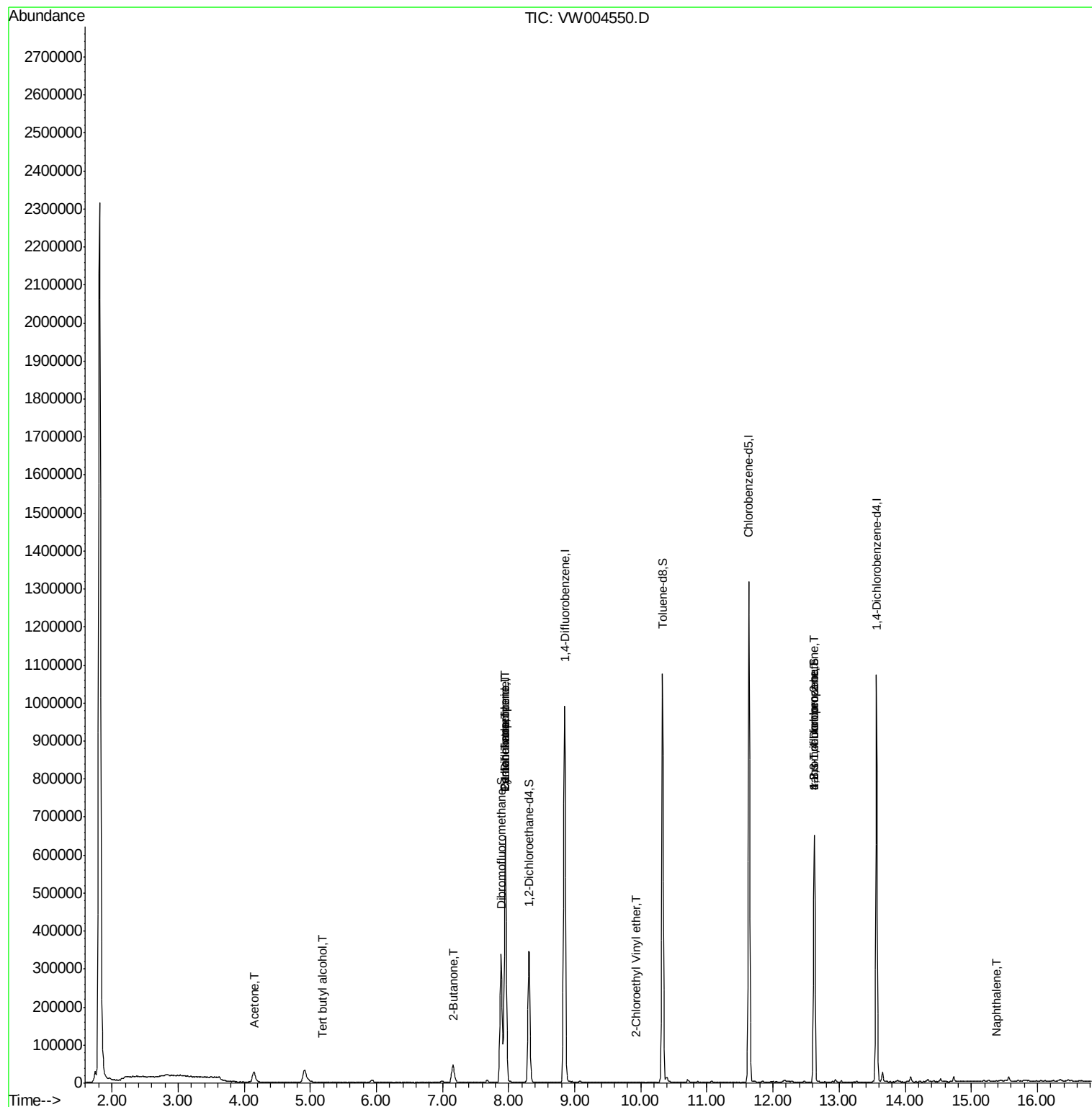
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	565	1.801	ug/l	98
16) Acetone	4.14	43	54128	40.445	ug/l	100
20) Methylene Chloride	4.91	84	31844	Below Cal		98
25) 2-Butanone	7.16	43	2156	1.001	ug/l	90
31) Cyclohexane	7.95	56	10682	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38614	4.337	ug/l #	49
38) Carbon Tetrachloride	7.95	117	46568	5.812	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	667	9.156	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	106170	36.471	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	106170	87.307	ug/l #	13
95) Naphthalene	15.38	128	1183	3.003	ug/l #	88

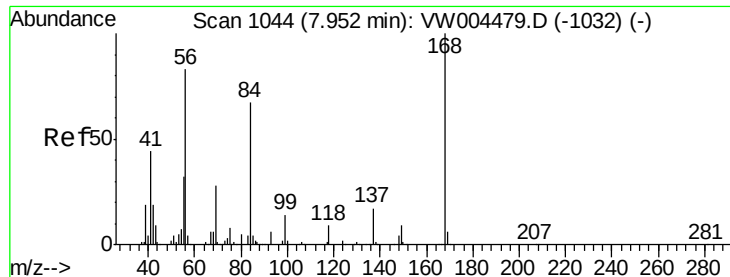
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

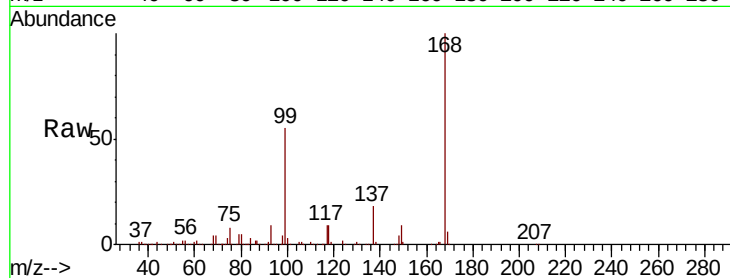
JTY-SB-04-1-2RE

Tgt Ion:168 Resp: 484116

Ion Ratio Lower Upper

168 100

99 55.4 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

250000

200000

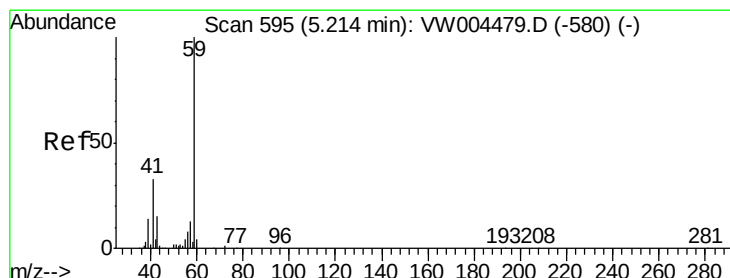
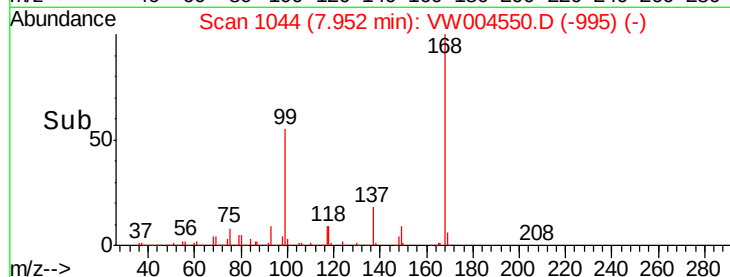
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.801 ug/l

RT: 5.20 min Scan# 592

Delta R.T. -0.02 min

Lab File: VW004550.D

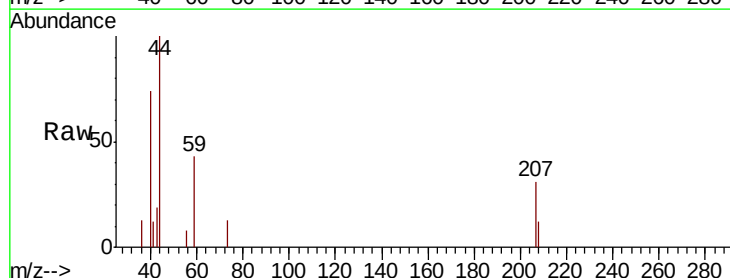
Acq: 09 Aug 2018 01:28

Tgt Ion: 59 Resp: 565

Ion Ratio Lower Upper

59 100

57 12.2 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

400

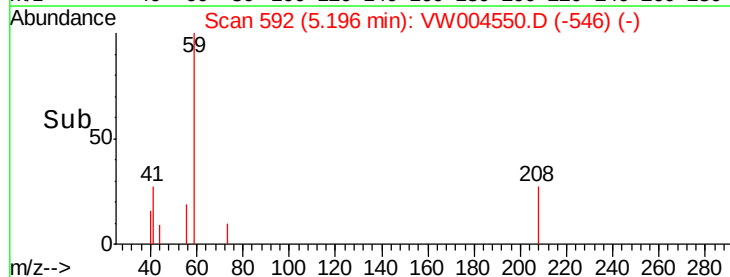
300

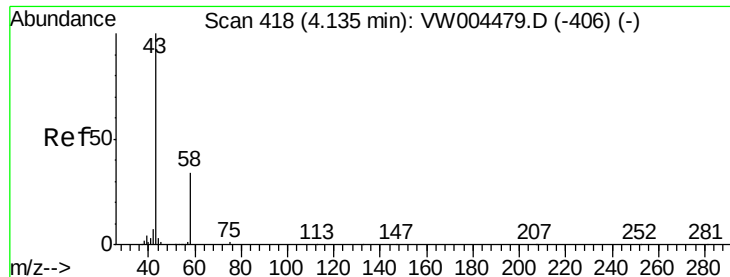
200

100

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 40.445 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

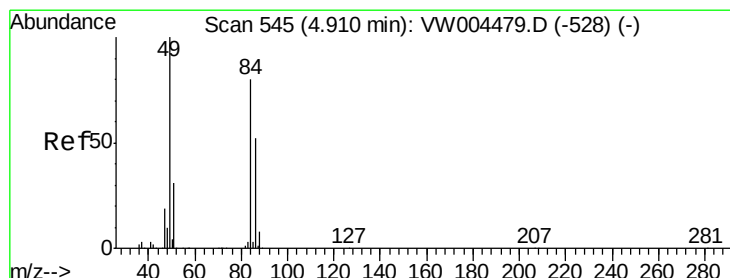
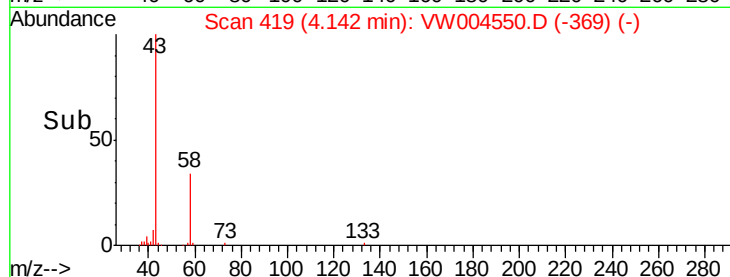
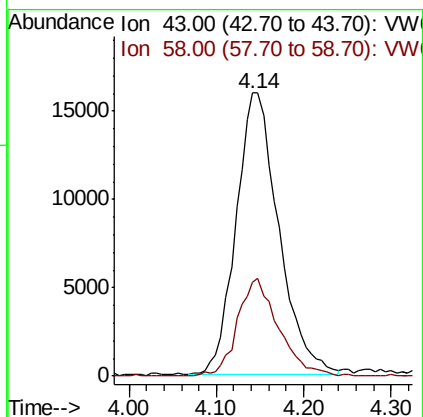
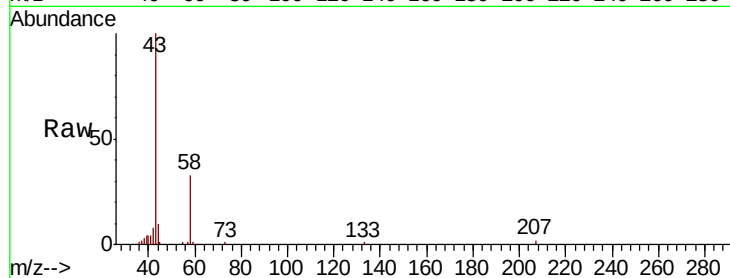
JTY-SB-04-1-2RE

Tgt Ion: 43 Resp: 54128

Ion Ratio Lower Upper

43 100

58 33.5 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Tgt Ion: 84 Resp: 31844

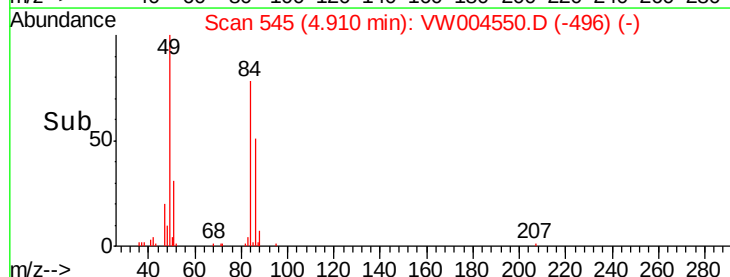
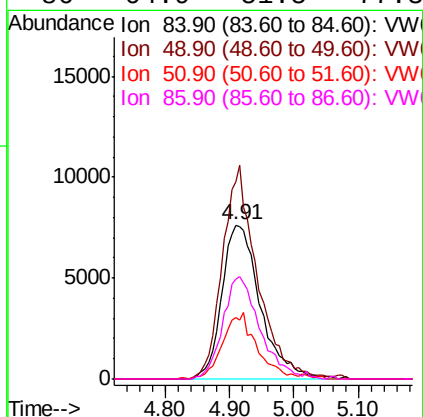
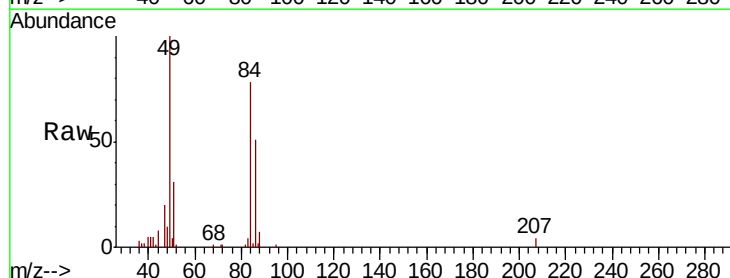
Ion Ratio Lower Upper

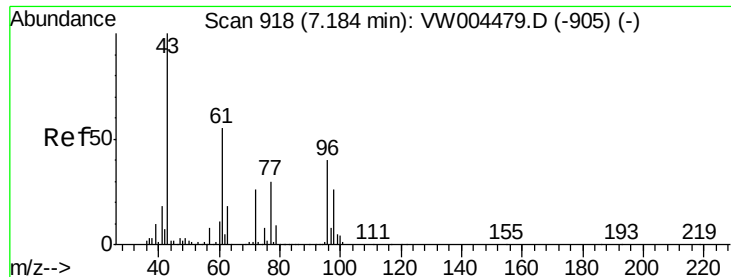
84 100

49 127.9 99.6 149.4

51 39.7 31.0 46.4

86 64.9 51.5 77.3





#25

2-Butanone

Concen: 1.001 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

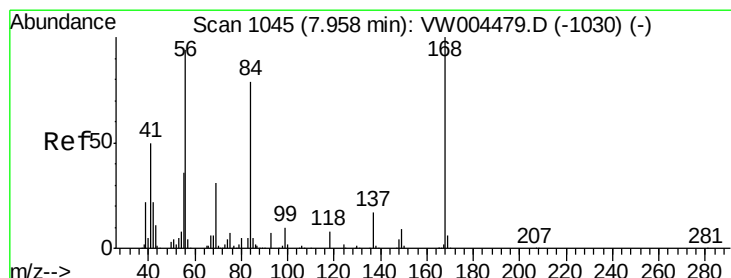
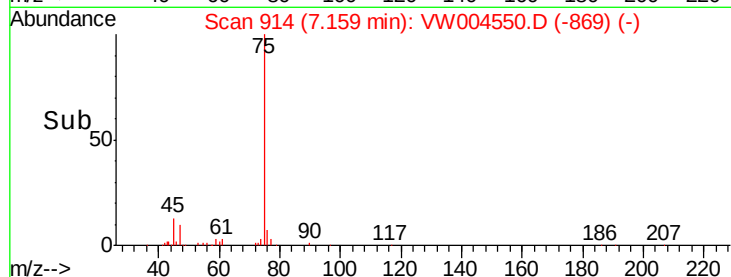
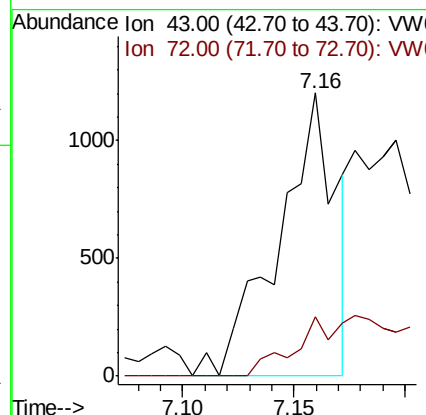
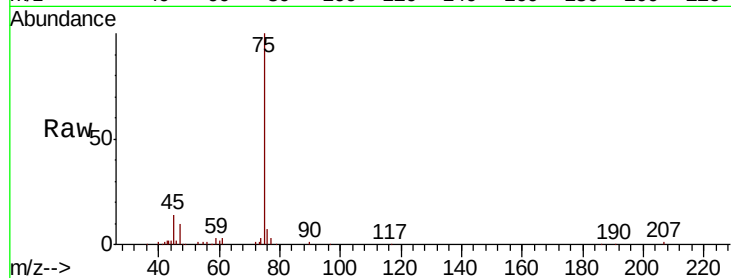
JTY-SB-04-1-2RE

Tgt Ion: 43 Resp: 2156

Ion Ratio Lower Upper

43 100

72 21.0 21.0 31.6



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

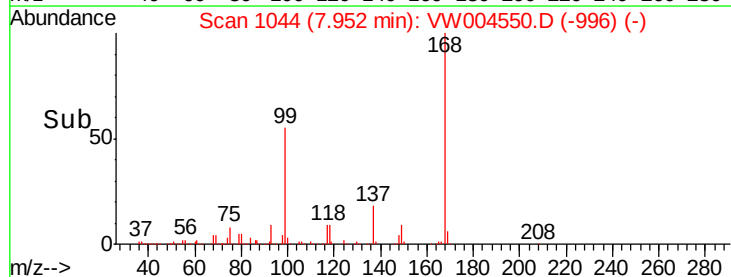
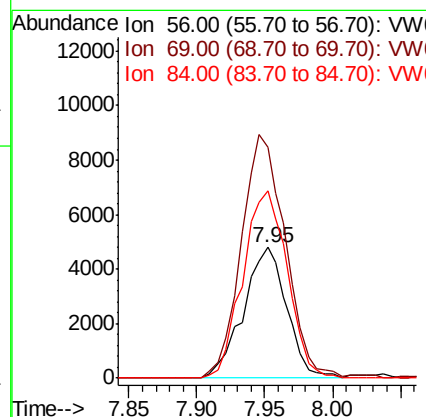
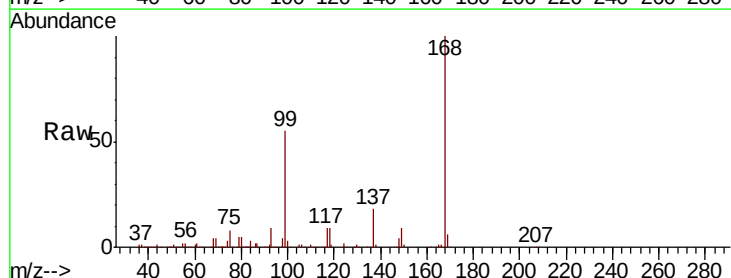
Tgt Ion: 56 Resp: 10682

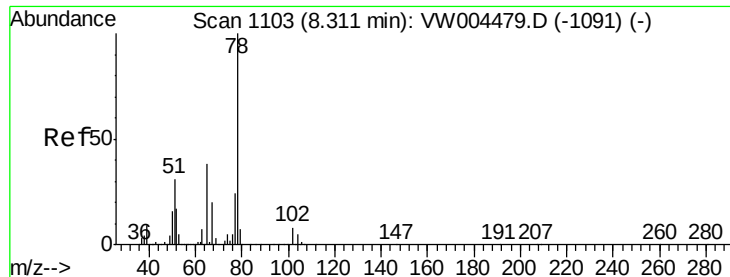
Ion Ratio Lower Upper

56 100

69 177.2 26.4 39.6#

84 143.6 66.9 100.3#

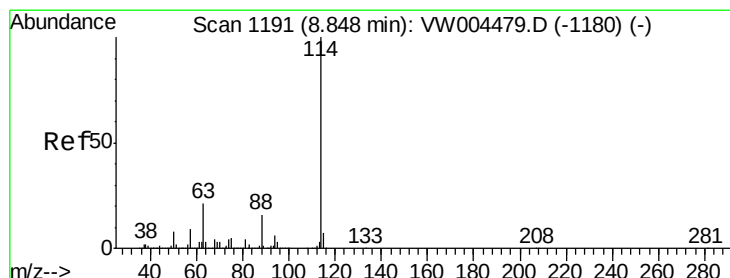
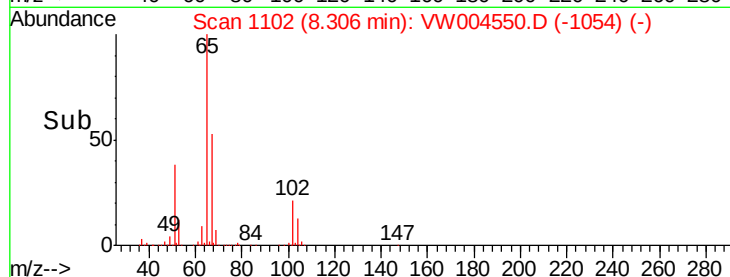
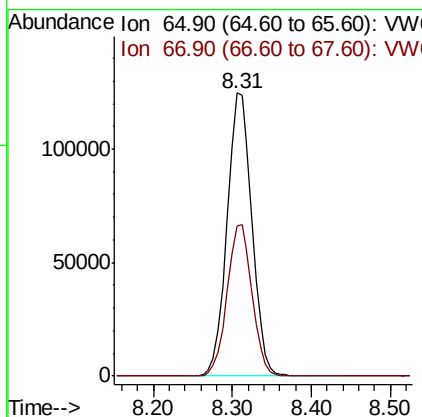
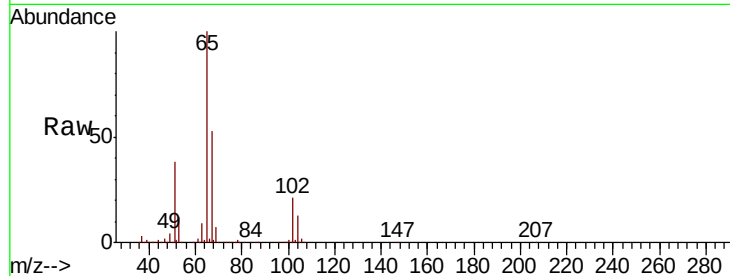




#33
 1,2-Dichloroethane-d4
 Concen: 50.916 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

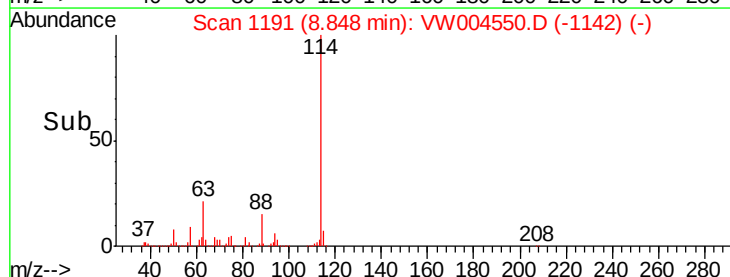
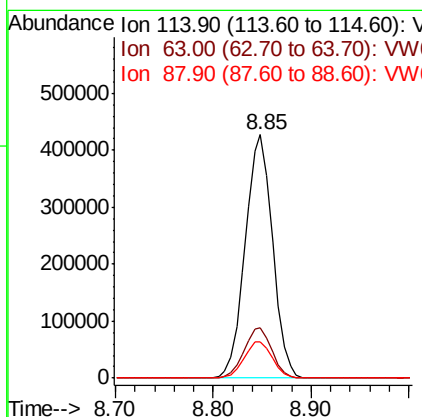
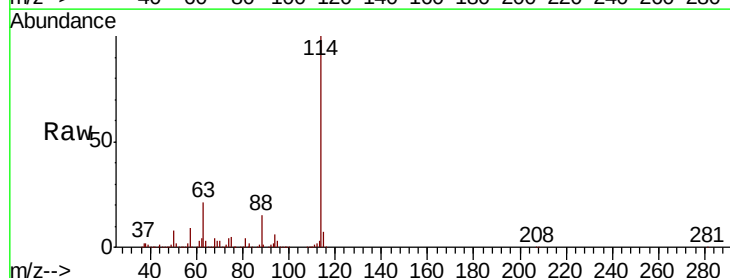
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-1-2RE

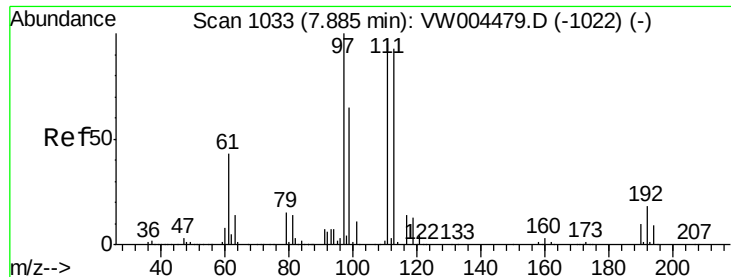
Tgt Ion: 65 Resp: 272860
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

Tgt Ion: 114 Resp: 826946
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.1 0.0 31.2

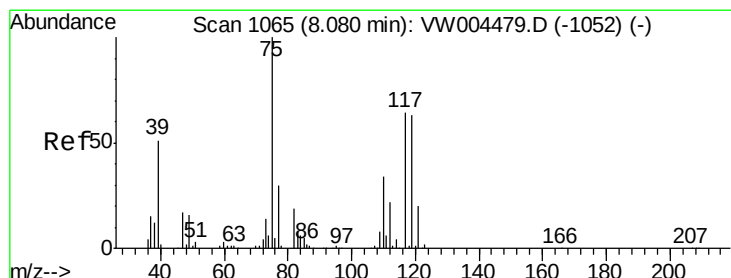
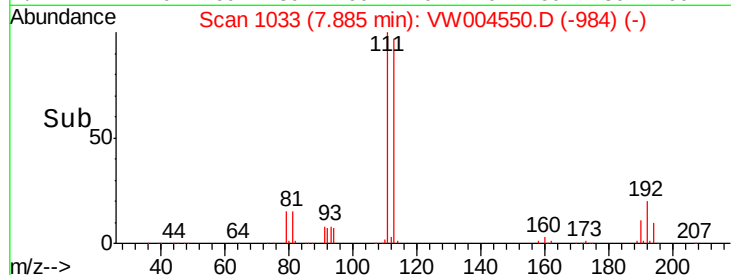
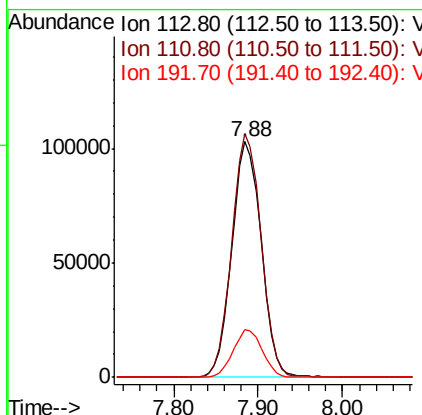
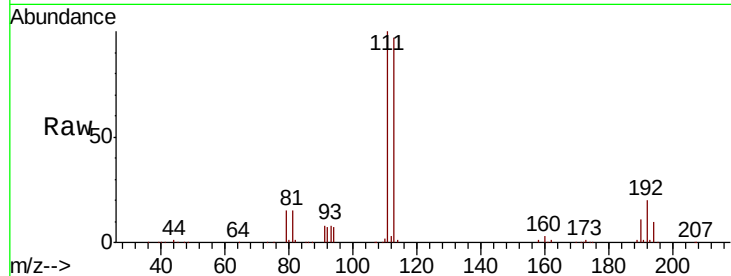




#35
 Dibromofluoromethane
 Concen: 44.029 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

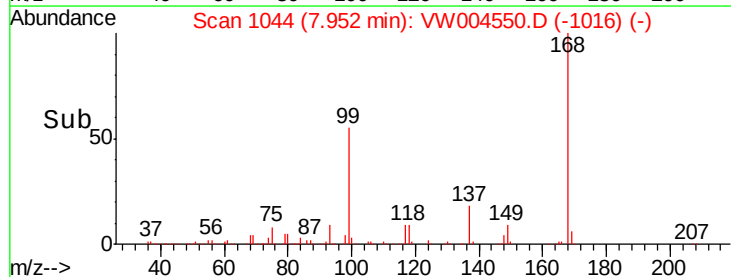
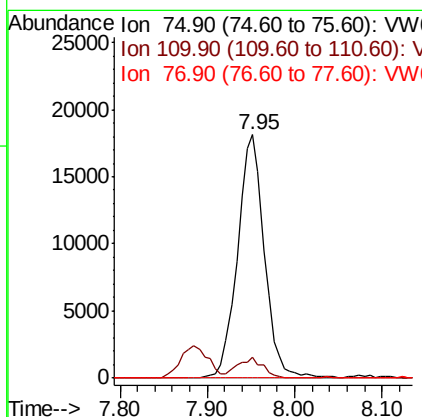
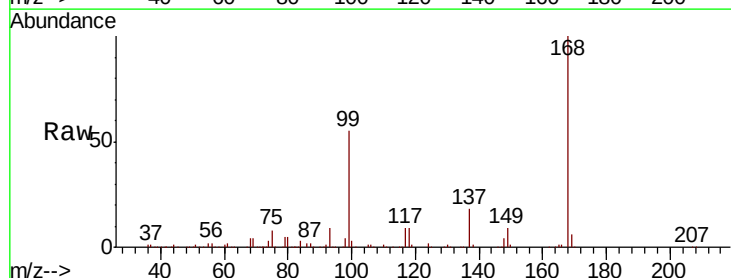
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-1-2RE

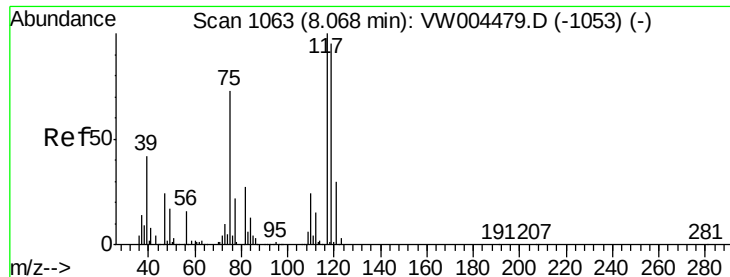
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.337 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.1	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.812 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-1-2RE

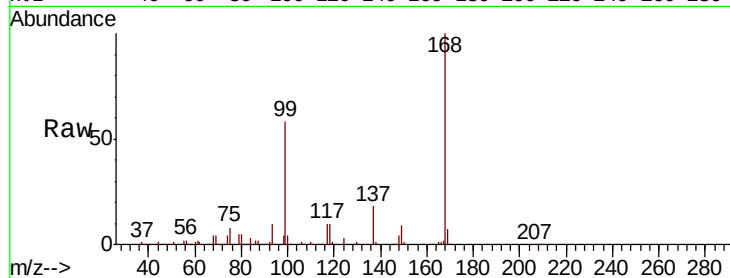
Tgt Ion: 117 Resp: 46568

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

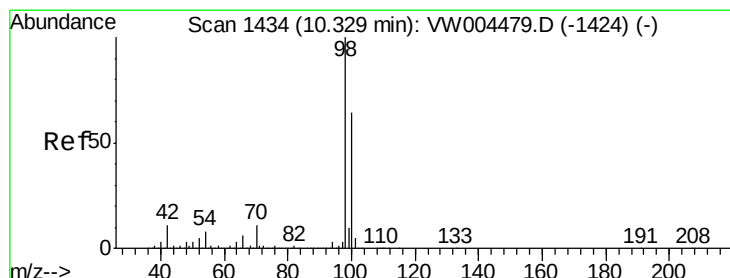
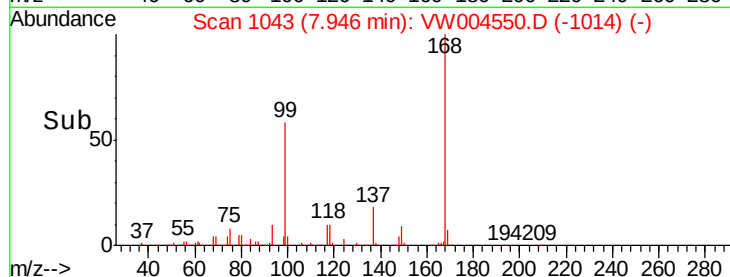
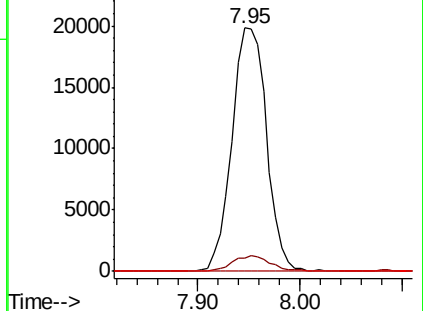
121 0.0 24.2 36.4#



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: 34.314 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004550.D

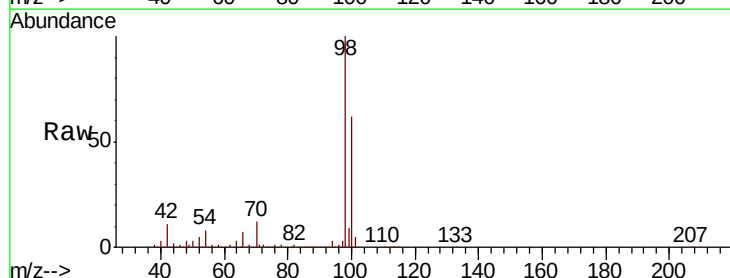
Acq: 09 Aug 2018 01:28

Tgt Ion: 98 Resp: 721295

Ion Ratio Lower Upper

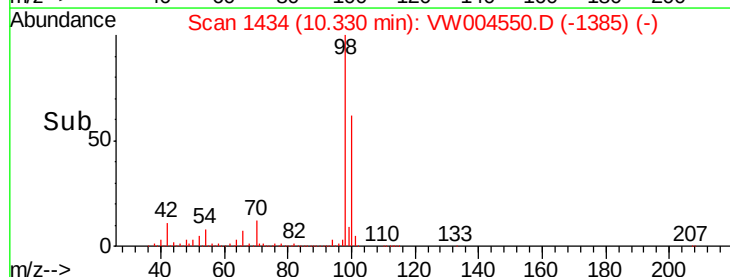
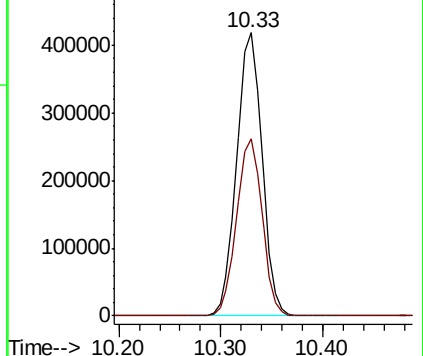
98 100

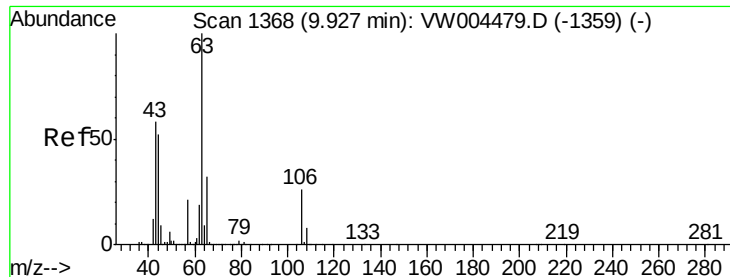
100 62.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

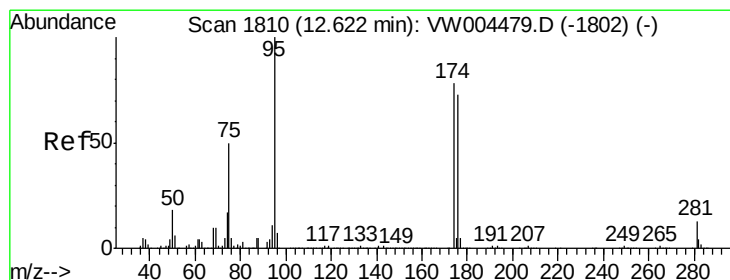
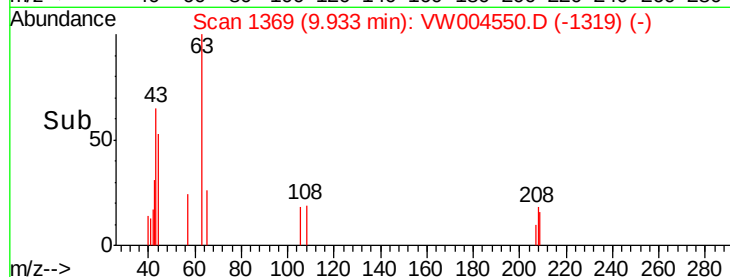
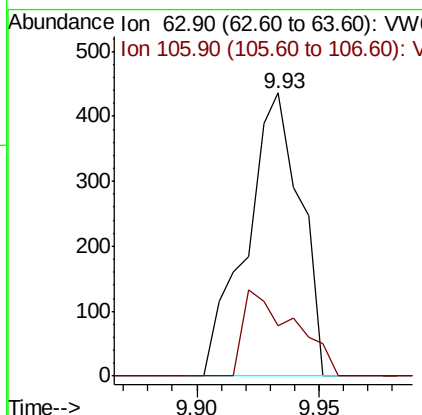
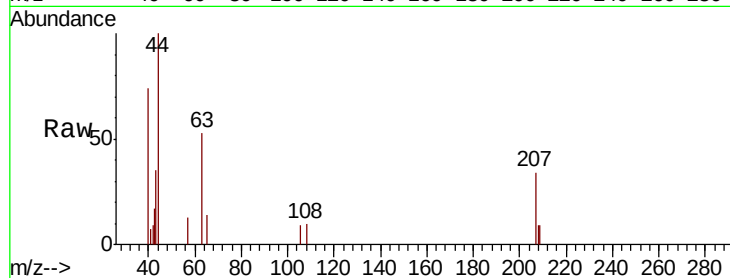




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.156 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

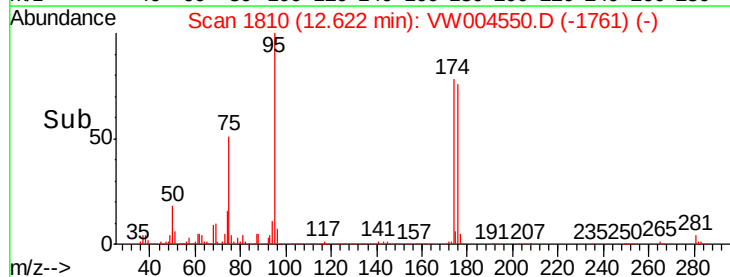
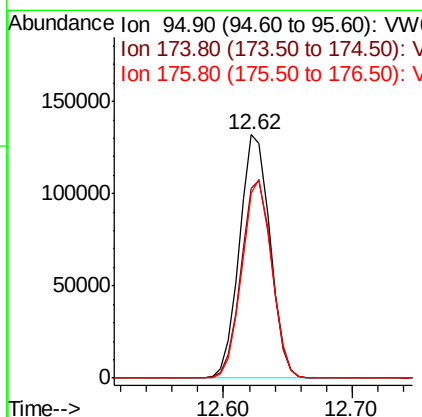
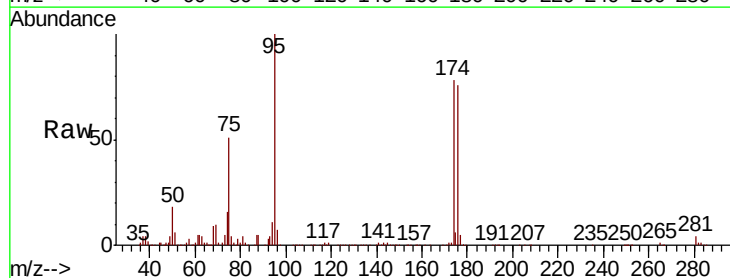
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-1-2RE

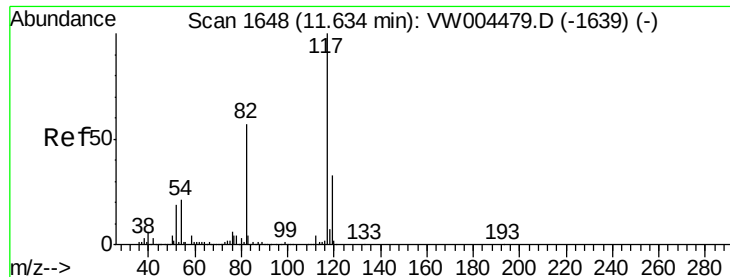
Tgt Ion: 63 Resp: 667
 Ion Ratio Lower Upper
 63 100
 106 28.8 21.3 31.9



#62
 4-Bromofluorobenzene
 Concen: 28.479 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004550.D
 Acq: 09 Aug 2018 01:28

Tgt Ion: 95 Resp: 215644
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 160.4
 176 79.2 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: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-1-2RE

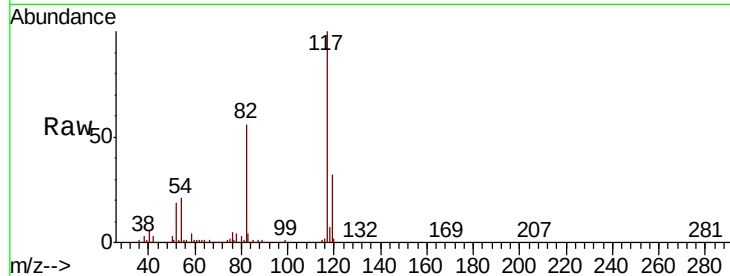
Tgt Ion:117 Resp: 739976

Ion Ratio Lower Upper

117 100

82 56.3 45.3 67.9

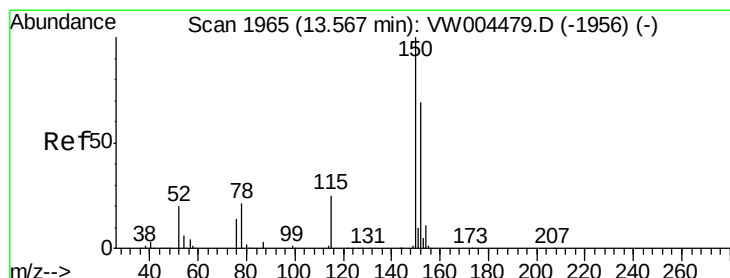
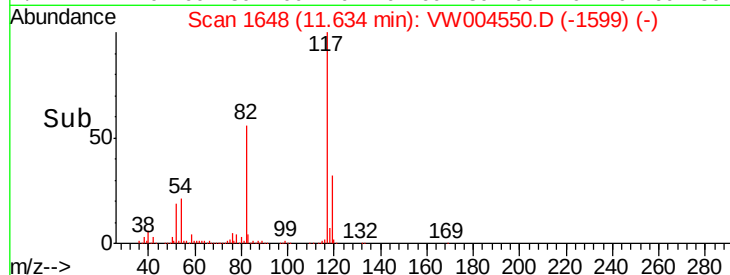
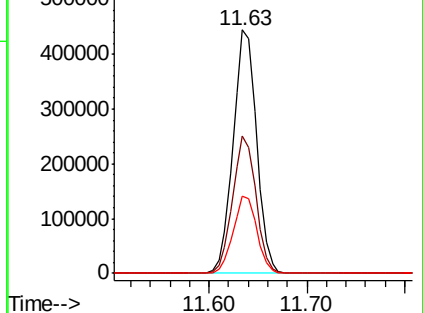
119 31.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

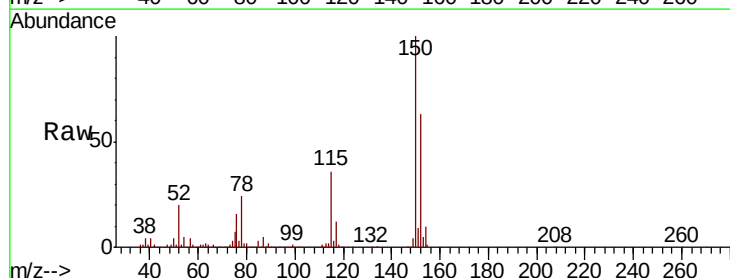
Tgt Ion:152 Resp: 281322

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

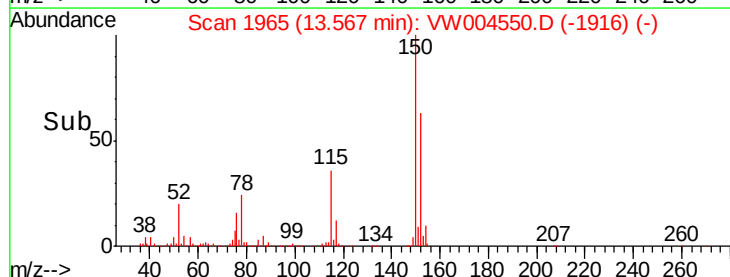
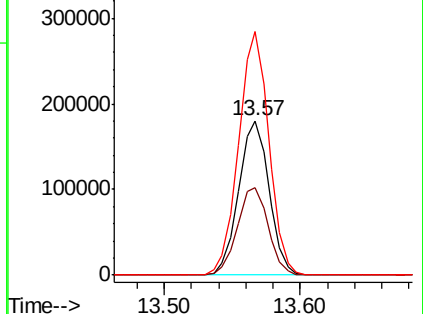
150 156.7 0.0 349.6

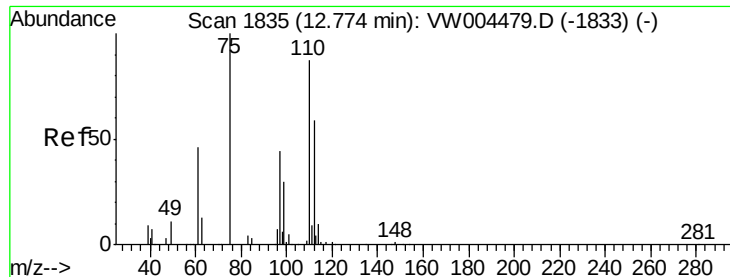


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.471 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

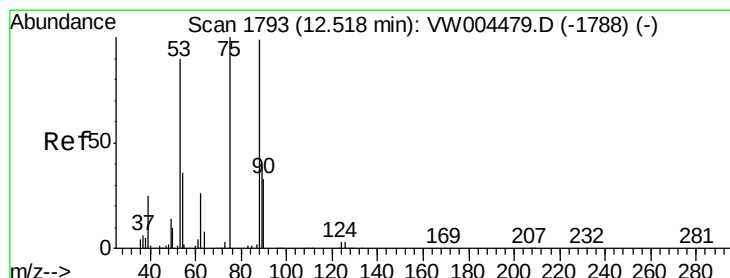
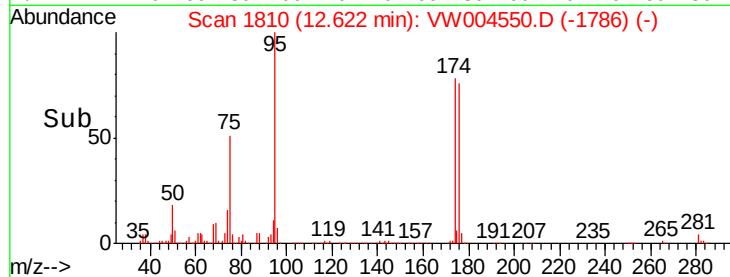
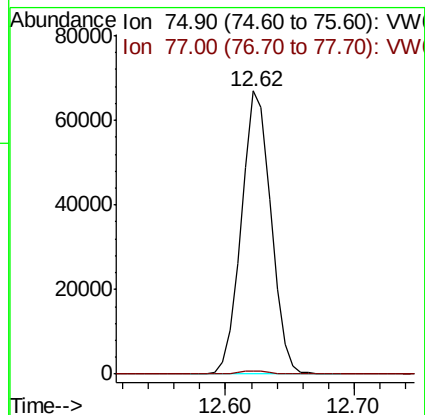
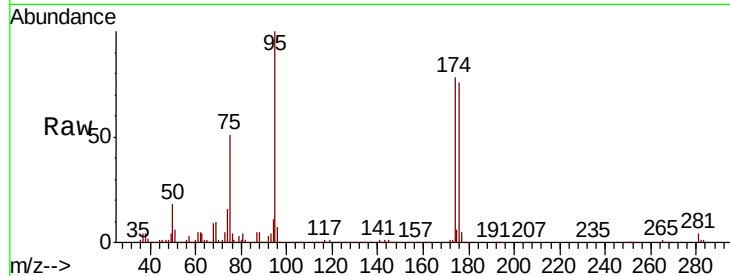
JTY-SB-04-1-2RE

Tgt Ion: 75 Resp: 106170

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.307 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

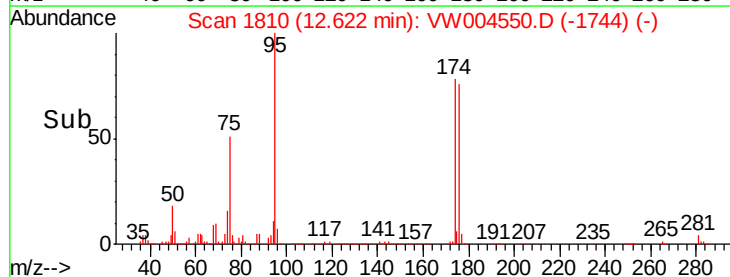
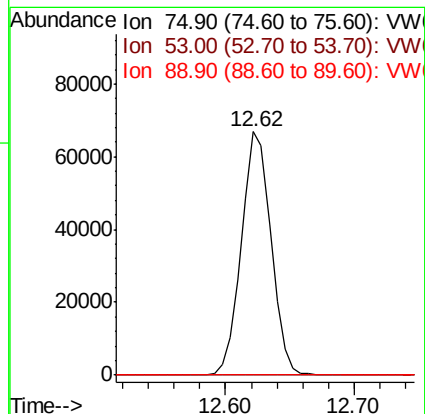
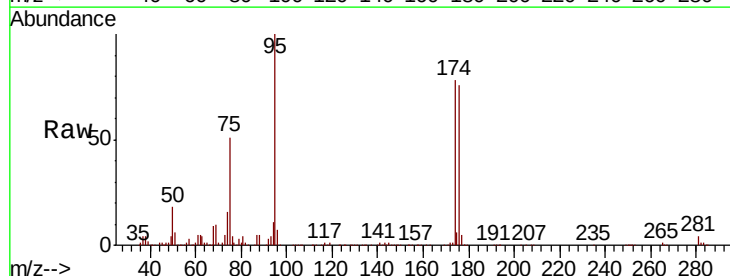
Tgt Ion: 75 Resp: 106170

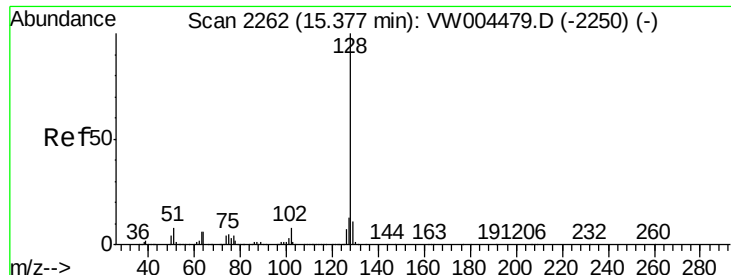
Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.1 35.9 53.9#





#95

Naphthalene

Concen: 3.003 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004550.D

Acq: 09 Aug 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-1-2RE

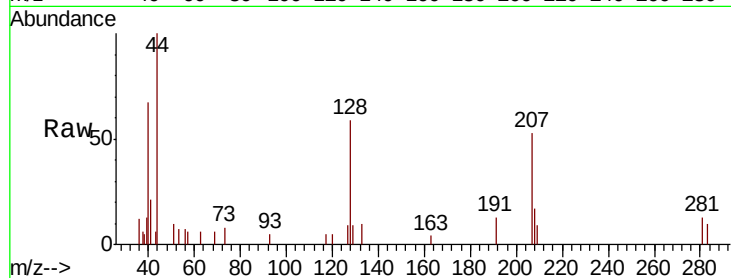
Tgt Ion:128 Resp: 1183

Ion Ratio Lower Upper

128 100

127 6.1 10.3 15.5#

129 8.3 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

