

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005162.D
 Acq On : 06 Sep 2018 14:34
 Operator : SY/AP
 Sample : J4720-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-1RE

Quant Time: Sep 06 15:02:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	380621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	605206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	417045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131766	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	214756	68.06	ug/l	0.00
Spiked Amount			Recovery	=	136.12%	
35) Dibromofluoromethane	7.89	113	203776	58.27	ug/l	0.00
Spiked Amount			Recovery	=	116.54%	
50) Toluene-d8	10.33	98	632443	39.24	ug/l	0.00
Spiked Amount			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	12.63	95	175111	30.82	ug/l	0.00
Spiked Amount			Recovery	=	61.64%	

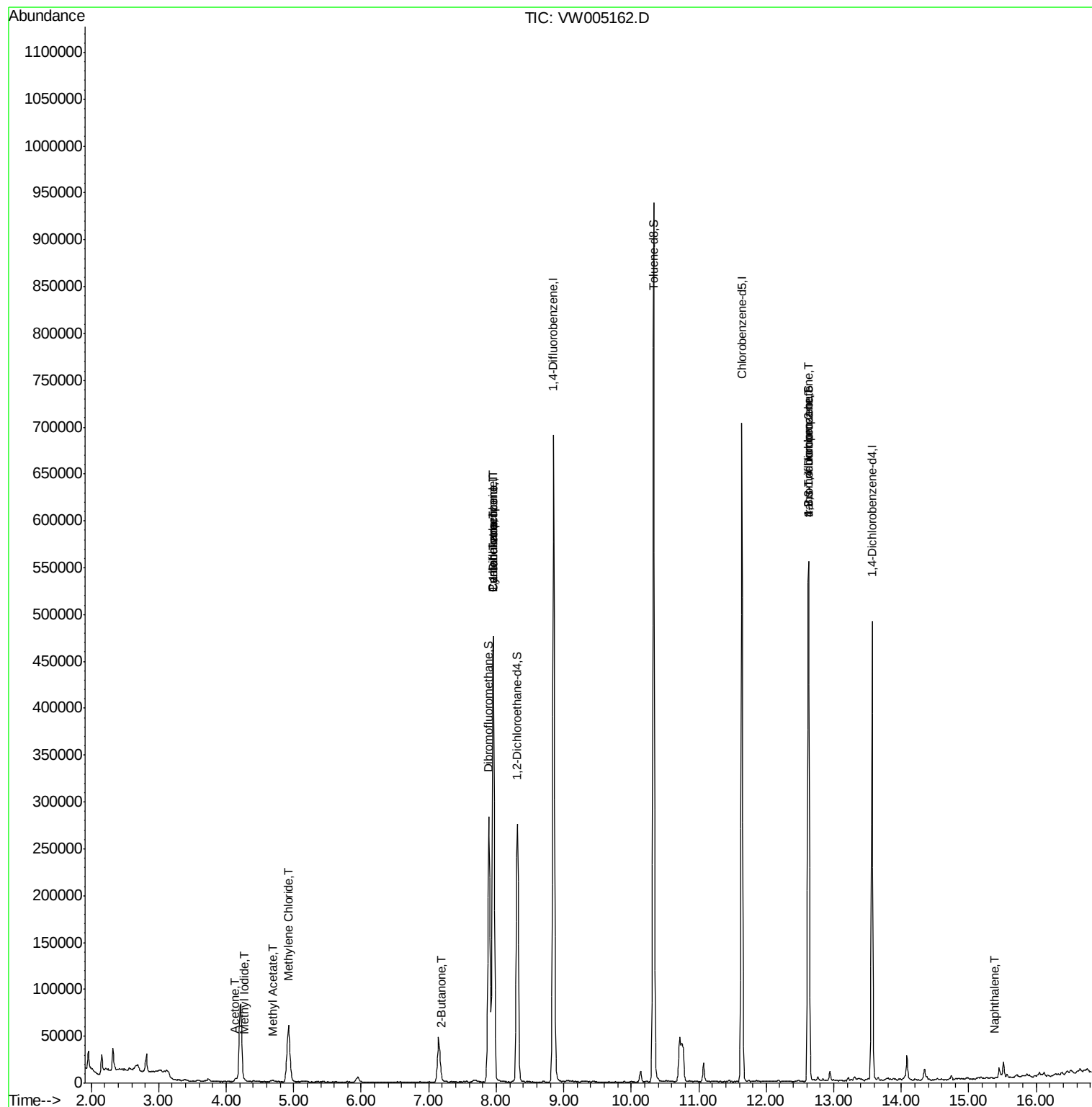
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	1067	Below Cal		99
10) Methyl Iodide	4.27	142	266	3.868	ug/l #	54
11) Tert butyl alcohol	5.18	59	1224	Below Cal	#	72
16) Acetone	4.14	43	6201	9.800	ug/l	90
18) Methyl Acetate	4.70	43	3862	2.075	ug/l	96
20) Methylene Chloride	4.92	84	48688	8.130	ug/l	98
25) 2-Butanone	7.19	43	1455	1.326	ug/l #	78
31) Cyclohexane	7.95	56	6669	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	26842	4.657	ug/l #	47
38) Carbon Tetrachloride	7.96	117	33879	6.182	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	83333	84.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83333	202.791	ug/l #	15
95) Naphthalene	15.38	128	1057	4.184	ug/l #	81

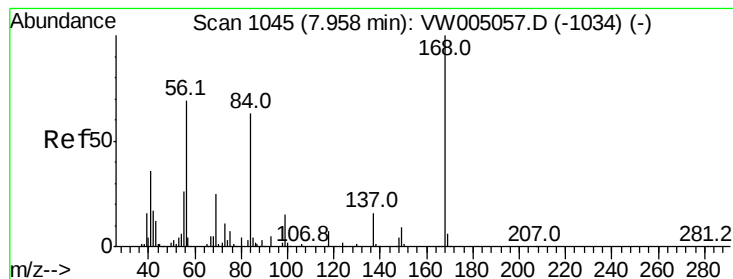
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Instrument :

MSVOA_W

ClientSampleId :

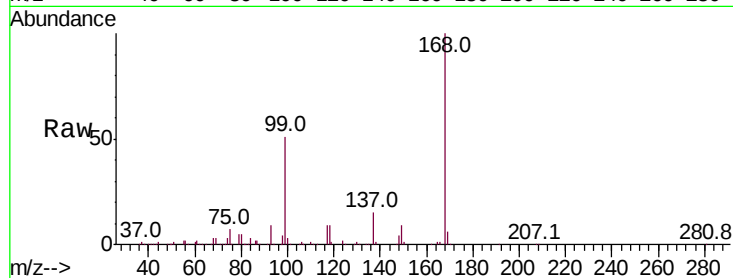
BZTRANS-1RE

Tot Ion:168 Resp: 380621

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

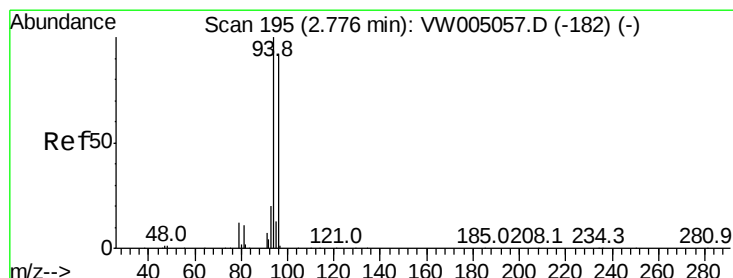
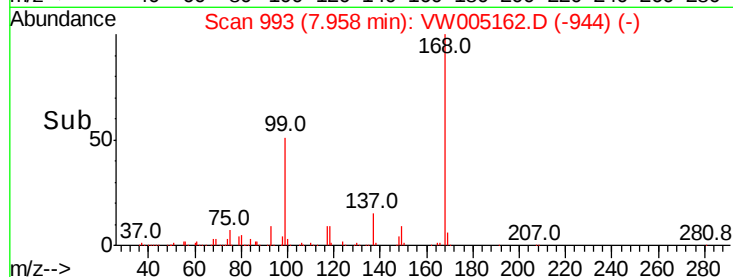
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005162.D

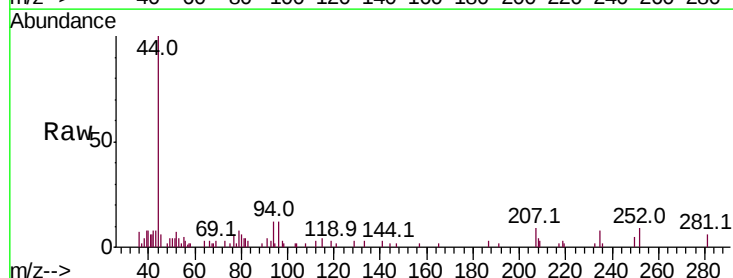
Acq: 06 Sep 2018 14:34

Tgt Ion: 94 Resp: 1067

Ion Ratio Lower Upper

94 100

96 90.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

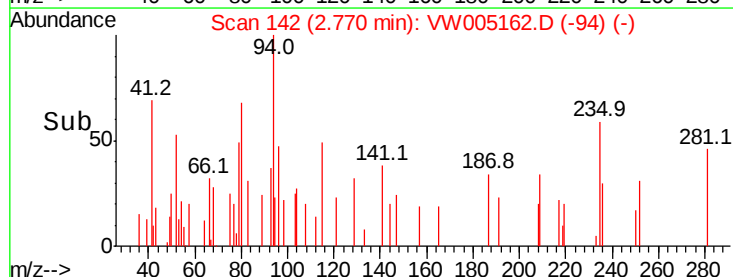
600

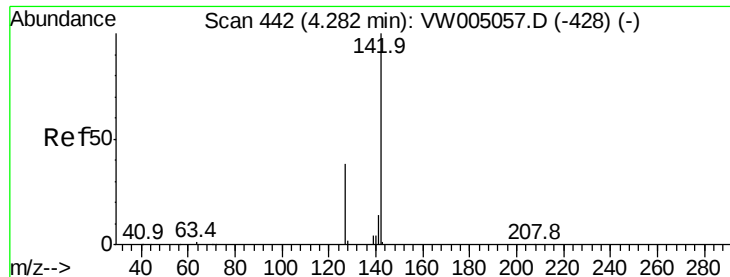
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200

0

Time-->

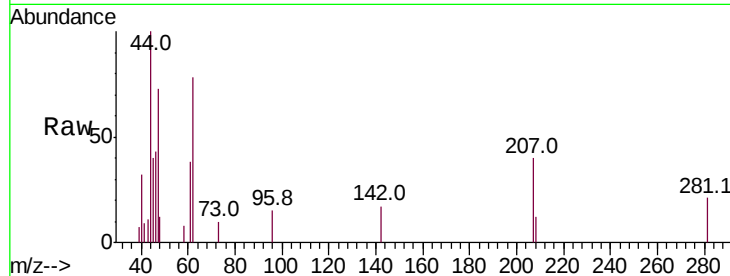




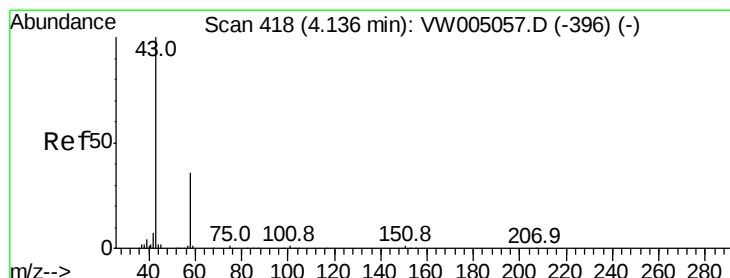
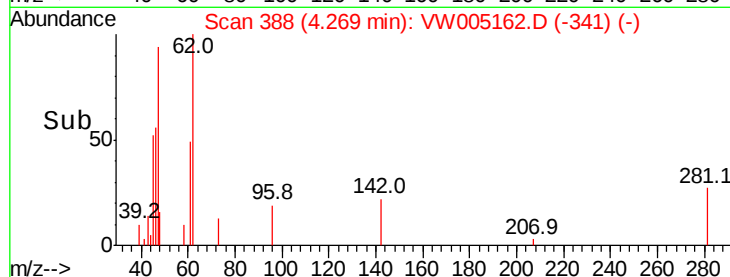
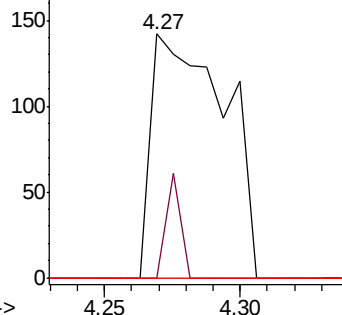
#10
Methvl Iodide
Concen: 3.868 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.01 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-1RE

Tot Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
127 8.3 30.8 46.2#
141 0.0 11.6 17.4#

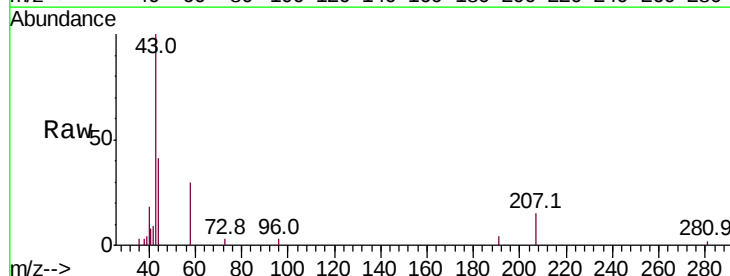


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

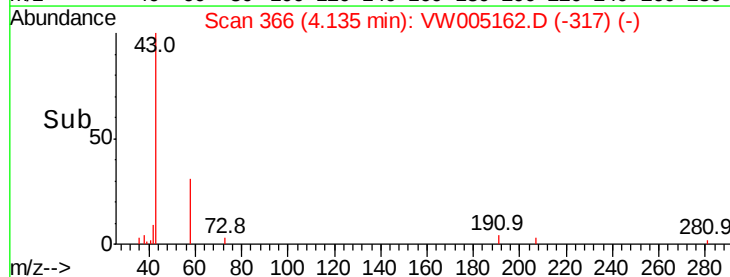
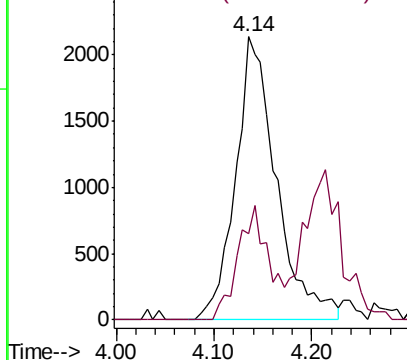


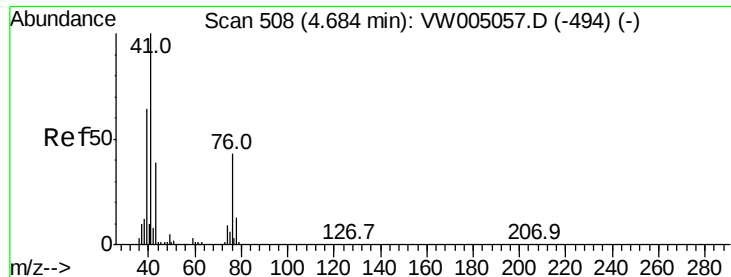
#16
Acetone
Concen: 9.800 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Tgt Ion: 43 Resp: 6201
Ion Ratio Lower Upper
43 100
58 30.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

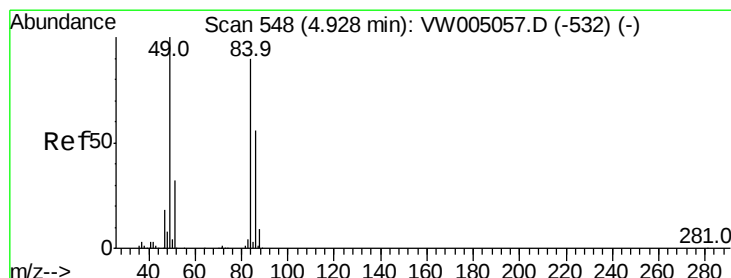
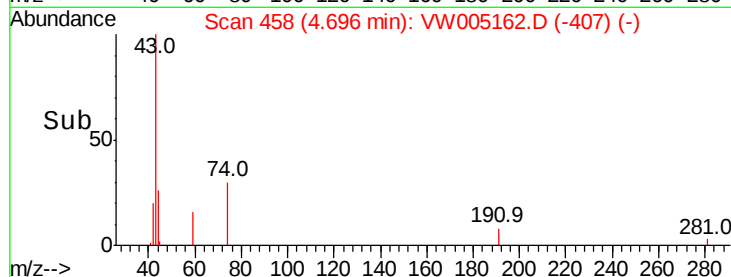
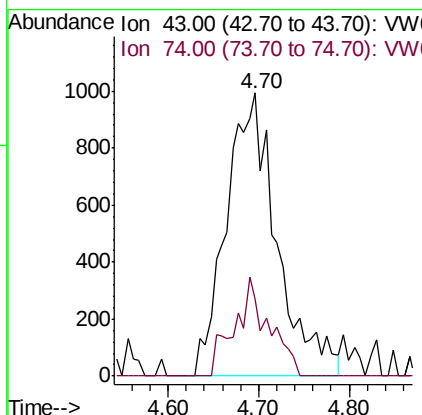
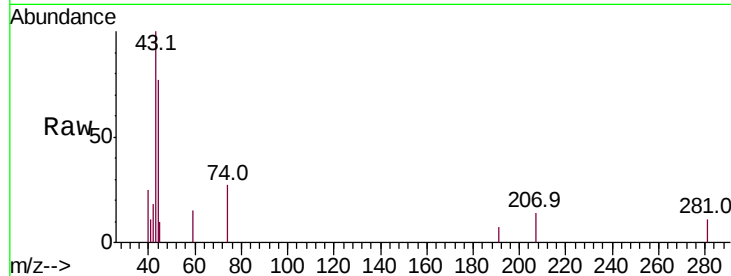




#18
Methyl Acetate
Concen: 2.075 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

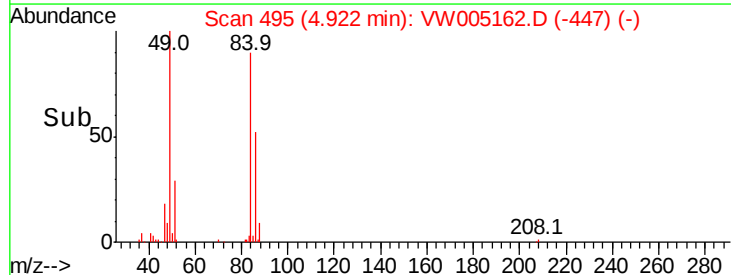
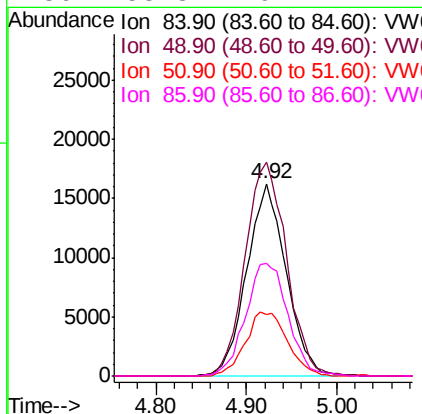
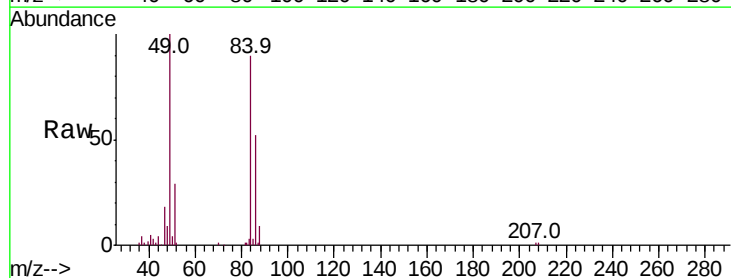
Instrument :
MSVOA_W
ClientSampled :
BZTRANS-1RE

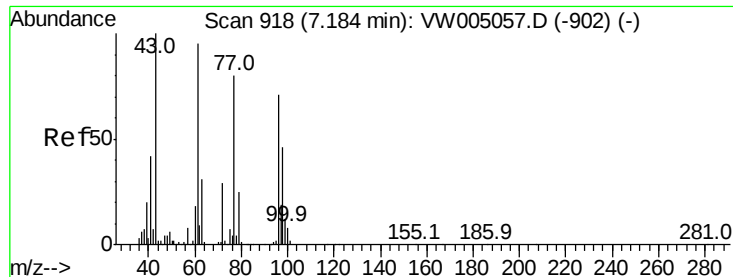
Tot Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
74 23.8 20.7 31.1



#20
Methylene Chloride
Concen: 8.130 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Tgt Ion: 84 Resp: 48688
Ion Ratio Lower Upper
84 100
49 111.1 88.7 133.1
51 32.3 28.6 42.8
86 58.3 49.4 74.2





#25

2-Butanone

Concen: 1.326 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Instrument :

MSVOA_W

ClientSampleId :

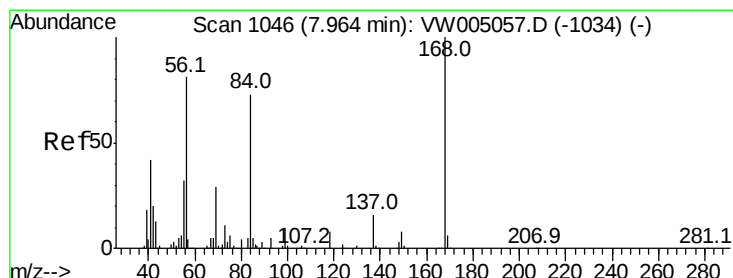
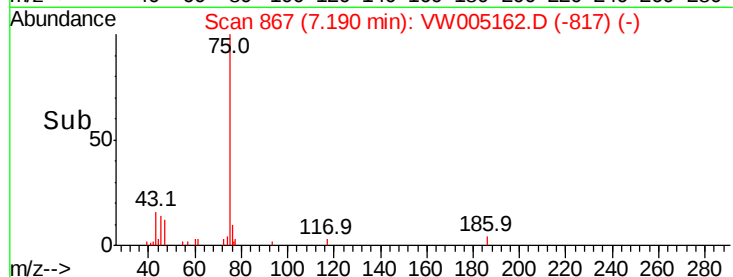
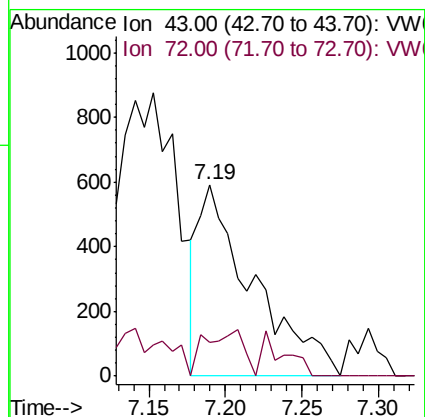
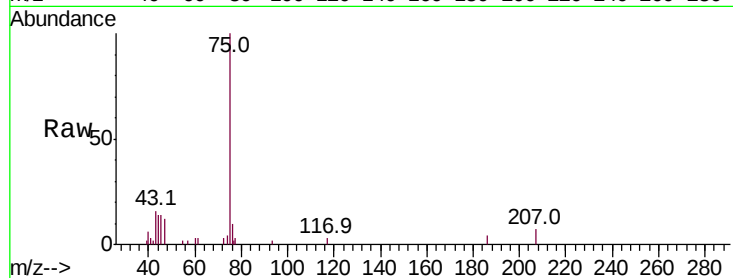
BZTRANS-1RE

Tot Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

72 17.4 23.1 34.7#



#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

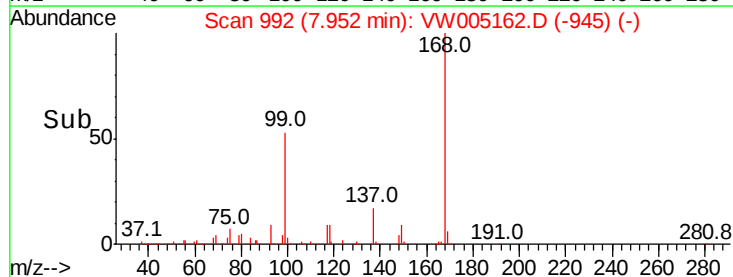
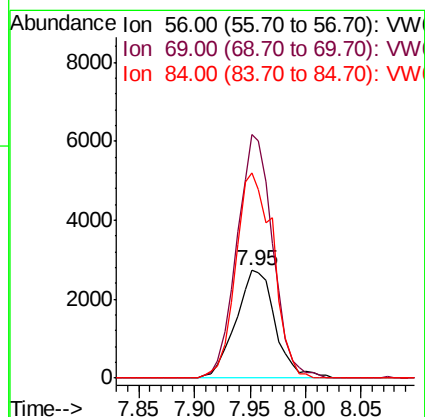
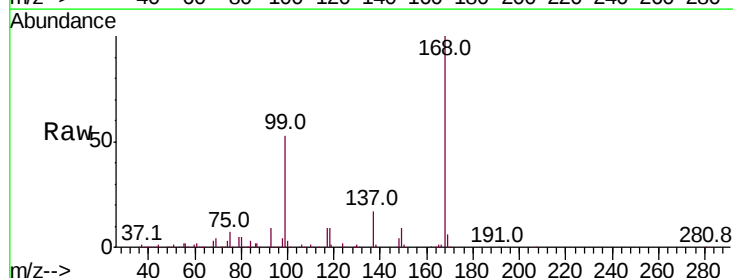
Tgt Ion: 56 Resp: 6669

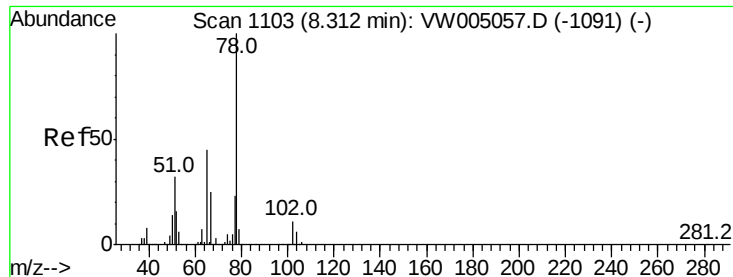
Ion Ratio Lower Upper

56 100

69 226.4 28.2 42.2#

84 191.1 71.8 107.8#





#33

1,2-Dichloroethane-d4

Concen: 68.065 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Instrument :

MSVOA_W

ClientSampleId :

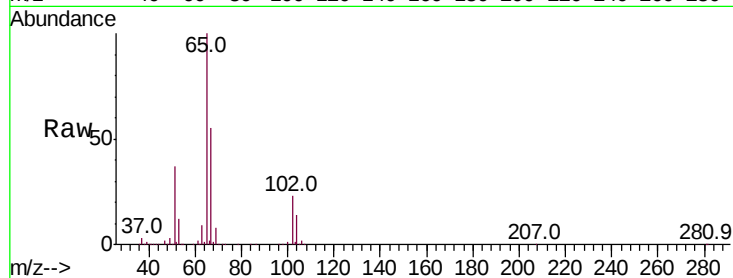
BZTRANS-1RE

Tot Ion: 65 Resp: 214756

Ion Ratio Lower Upper

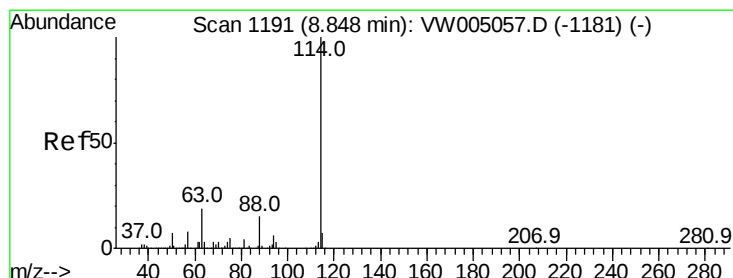
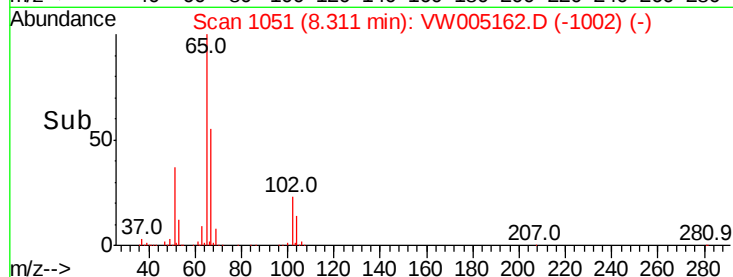
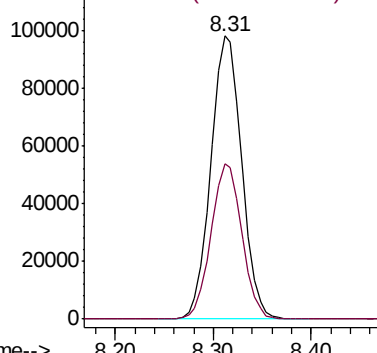
65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

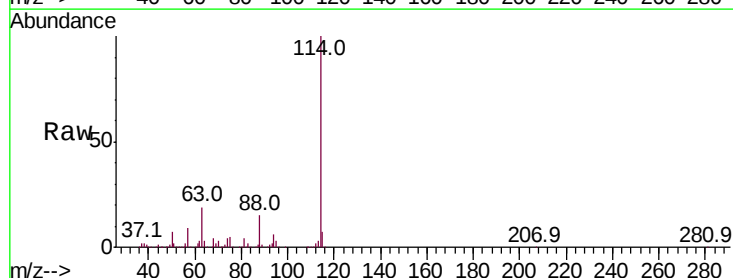
Tgt Ion: 114 Resp: 605206

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

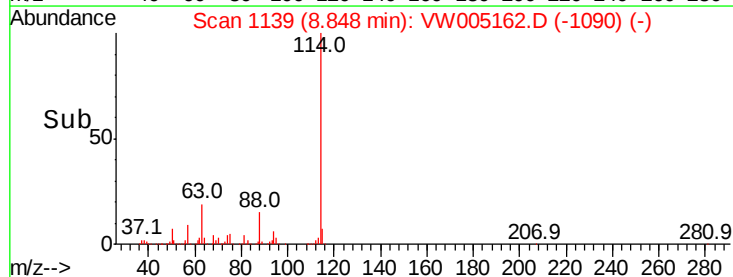
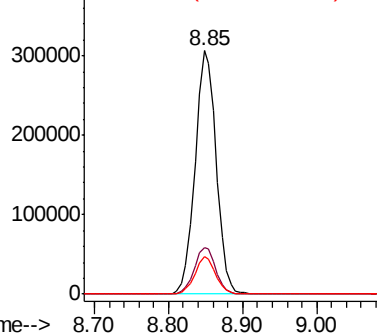
88 15.2 0.0 30.2

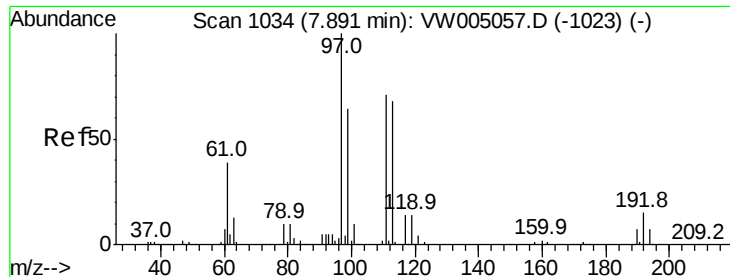


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

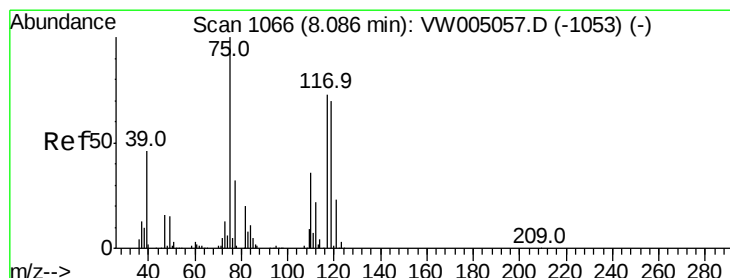
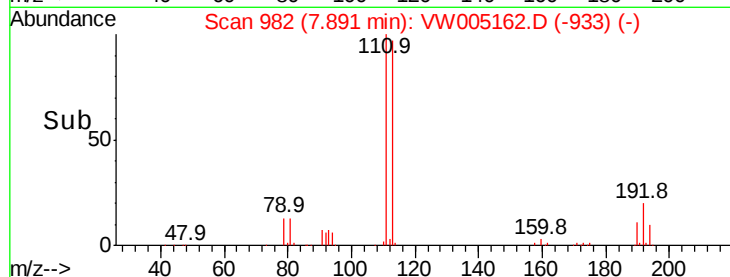
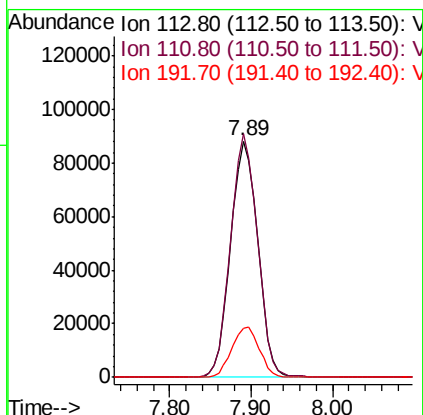
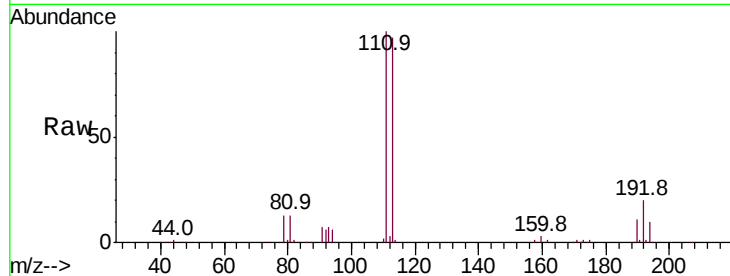




#35
 Dibromofluoromethane
 Concen: 58.265 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005162.D
 Acq: 06 Sep 2018 14:34

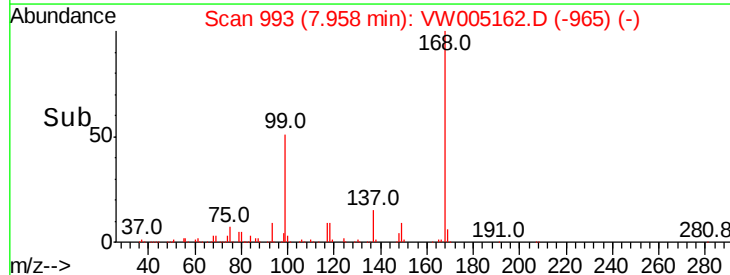
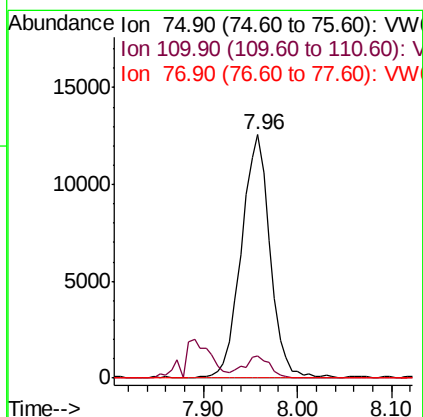
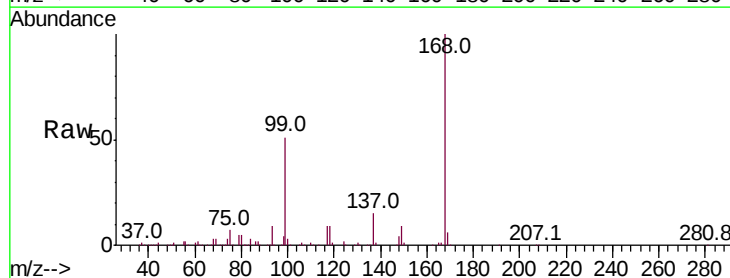
Instrument :
 MSVOA_W
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 BZTRANS-1RE

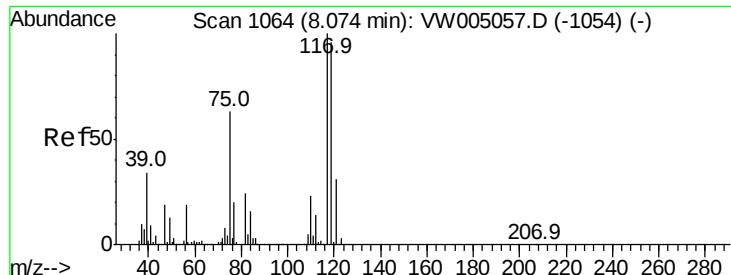
Tot Ion:113 Resp: 203776
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 21.4 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.657 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005162.D
 Acq: 06 Sep 2018 14:34

Tgt Ion: 75 Resp: 26842
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.9 56.7#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.182 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-1RE

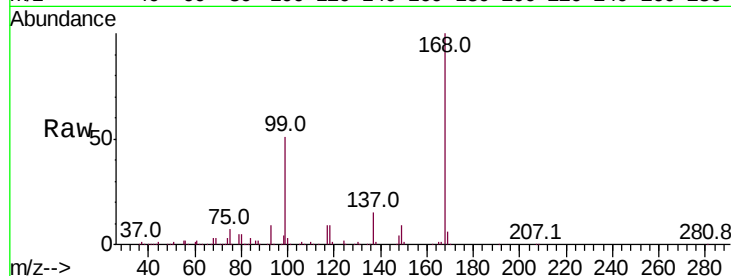
Tot Ion:117 Resp: 33879

Ion Ratio Lower Upper

117 100

119 6.9 76.6 115.0#

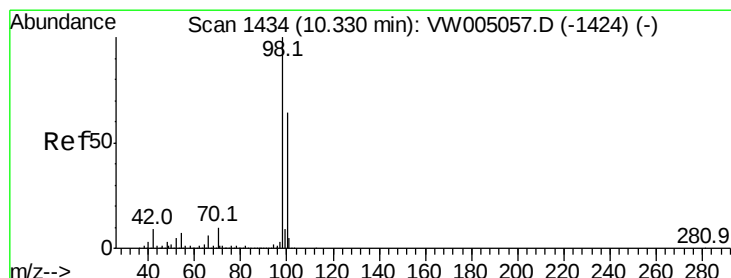
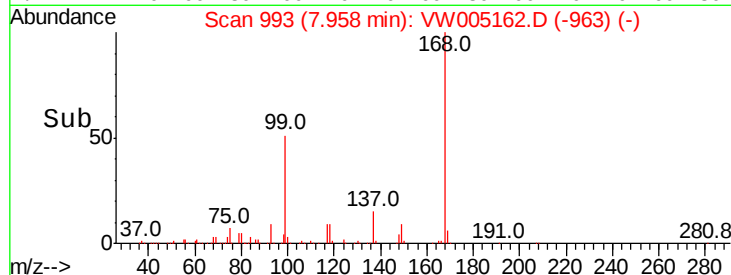
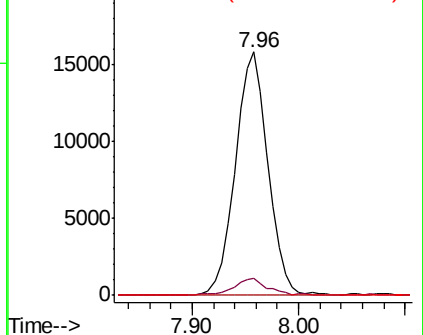
121 0.0 24.8 37.2#



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: 39.245 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005162.D

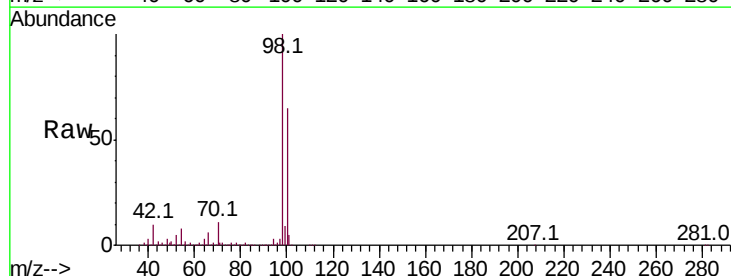
Acq: 06 Sep 2018 14:34

Tgt Ion: 98 Resp: 632443

Ion Ratio Lower Upper

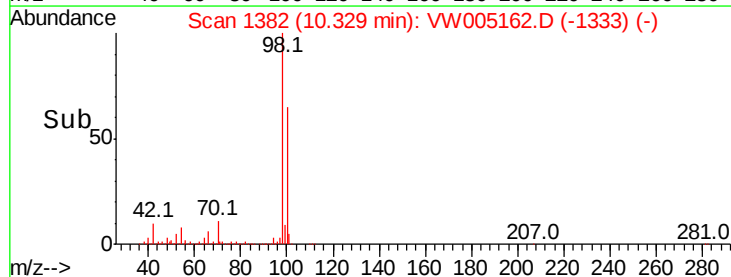
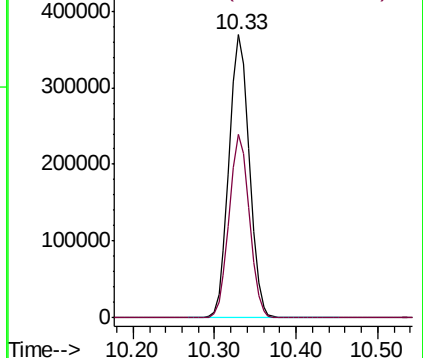
98 100

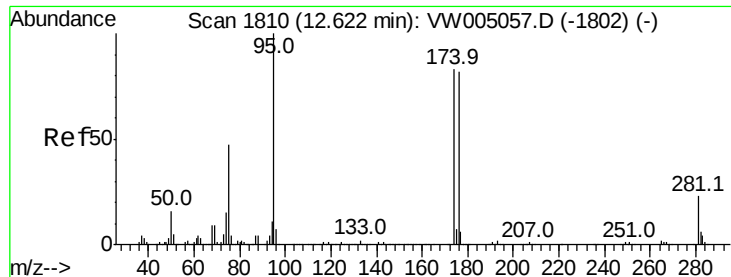
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

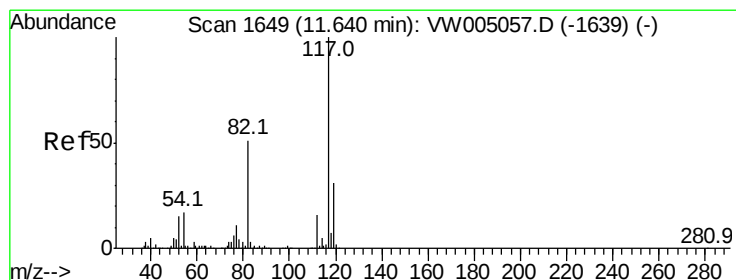
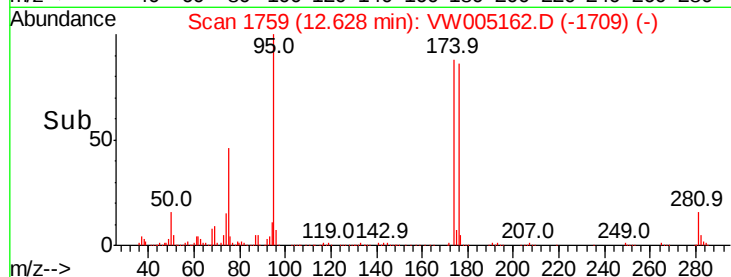
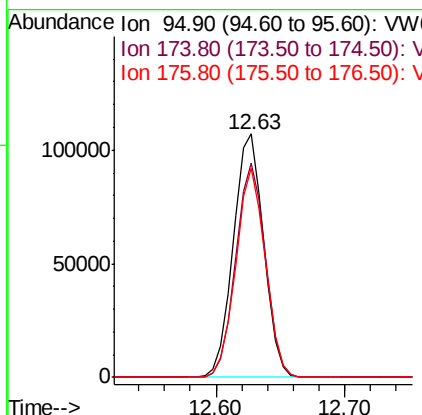
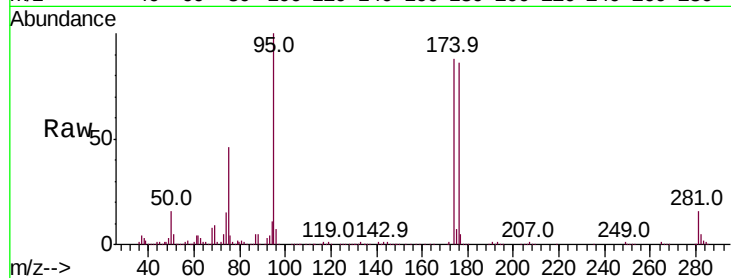




#62
4-Bromofluorobenzene
Concen: 30.816 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

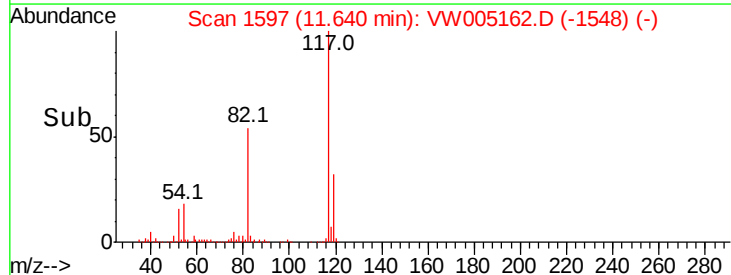
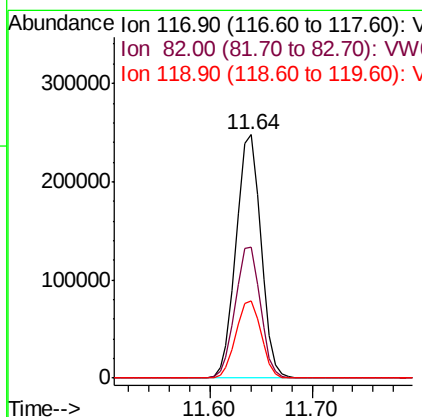
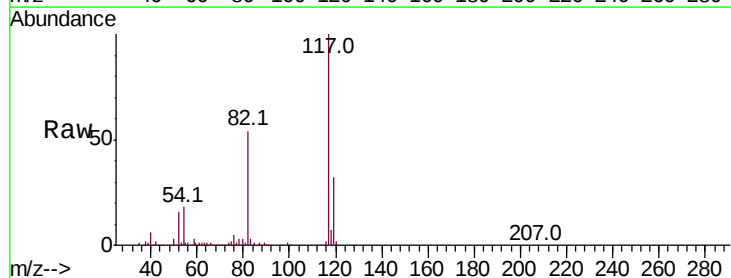
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-1RE

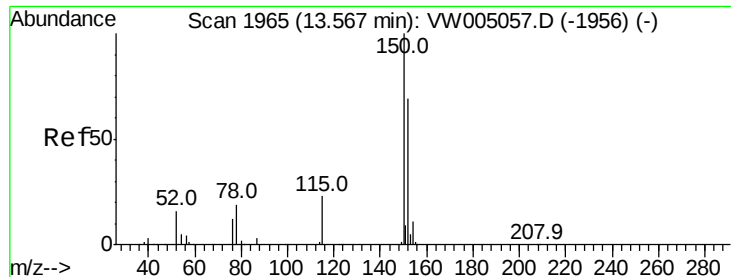
Tot Ion: 95 Resp: 175111
Ion Ratio Lower Upper
95 100
174 86.0 0.0 173.4
176 83.3 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Tgt Ion: 117 Resp: 417045
Ion Ratio Lower Upper
117 100
82 54.0 40.9 61.3
119 31.7 24.9 37.3



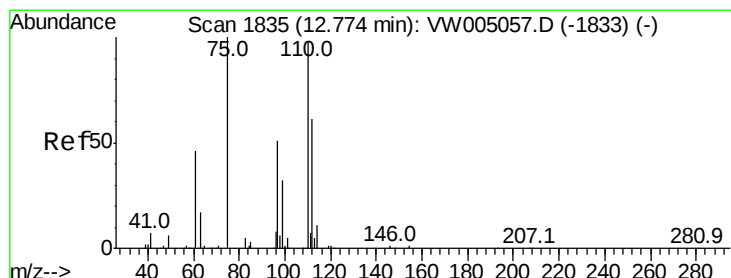
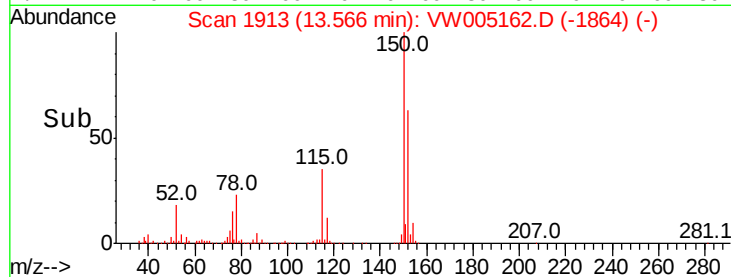
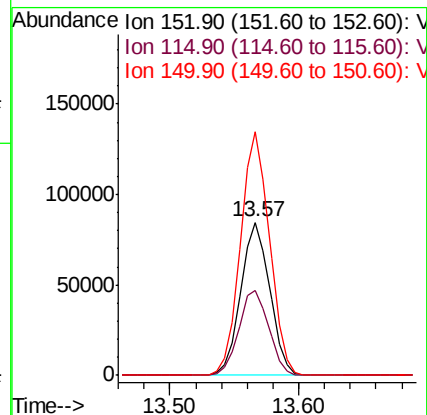
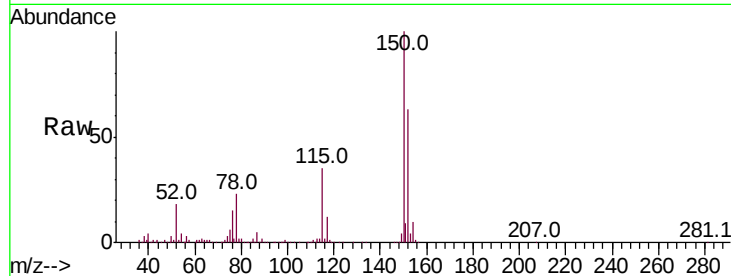


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-1RE

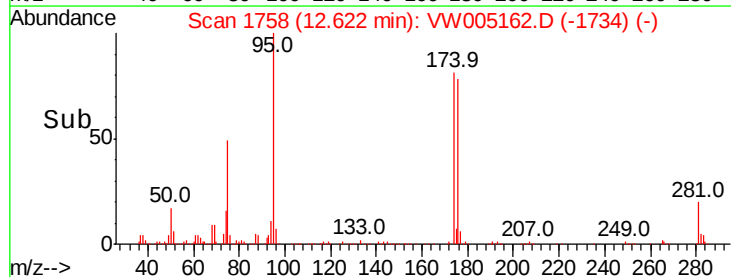
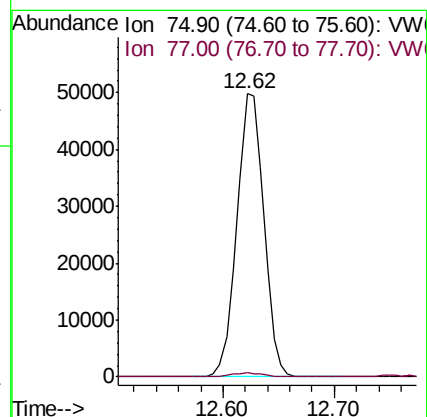
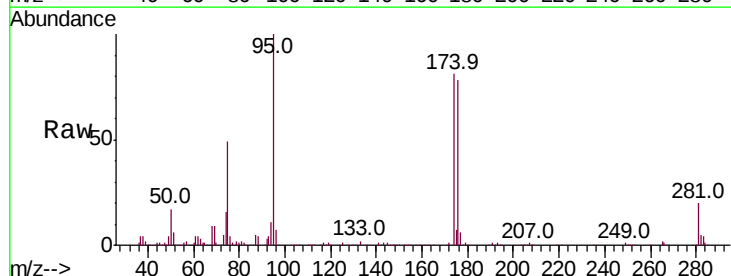
Tot Ion:152 Resp: 131766
Ion Ratio Lower Upper
152 100
115 57.4 27.8 83.4
150 158.9 0.0 351.4

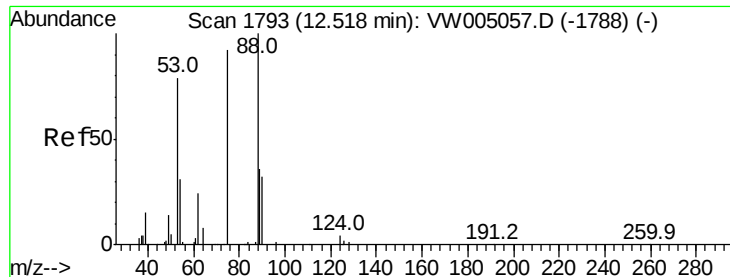


#76

1,2,3-Trichloropropane
Concen: 84.254 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005162.D
Acq: 06 Sep 2018 14:34

Tgt Ion: 75 Resp: 83333
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 202.791 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-1RE

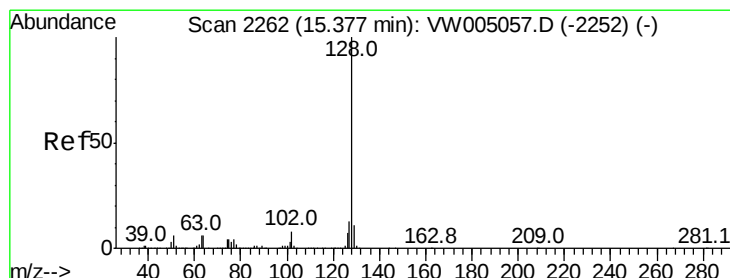
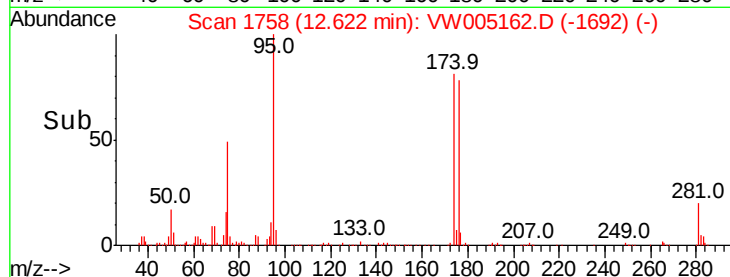
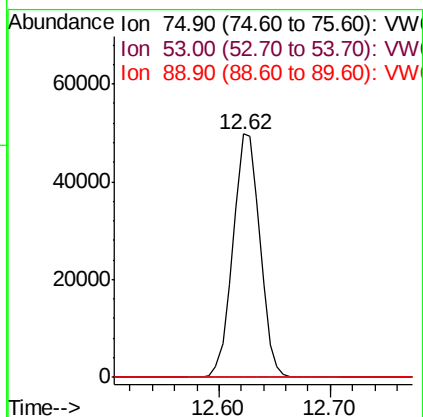
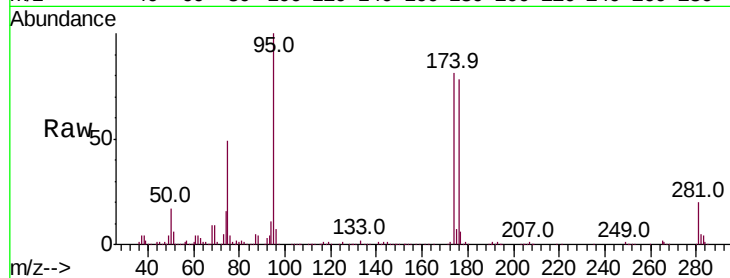
Tot Ion: 75 Resp: 83333

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.2 36.0 54.0#



#95

Naphthalene

Concen: 4.184 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005162.D

Acq: 06 Sep 2018 14:34

Tgt Ion: 128 Resp: 1057

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 11.5 8.7 13.1

