

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005208.D
 Acq On : 07 Sep 2018 14:51
 Operator : SY/AP
 Sample : J4748-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 15:33:33 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

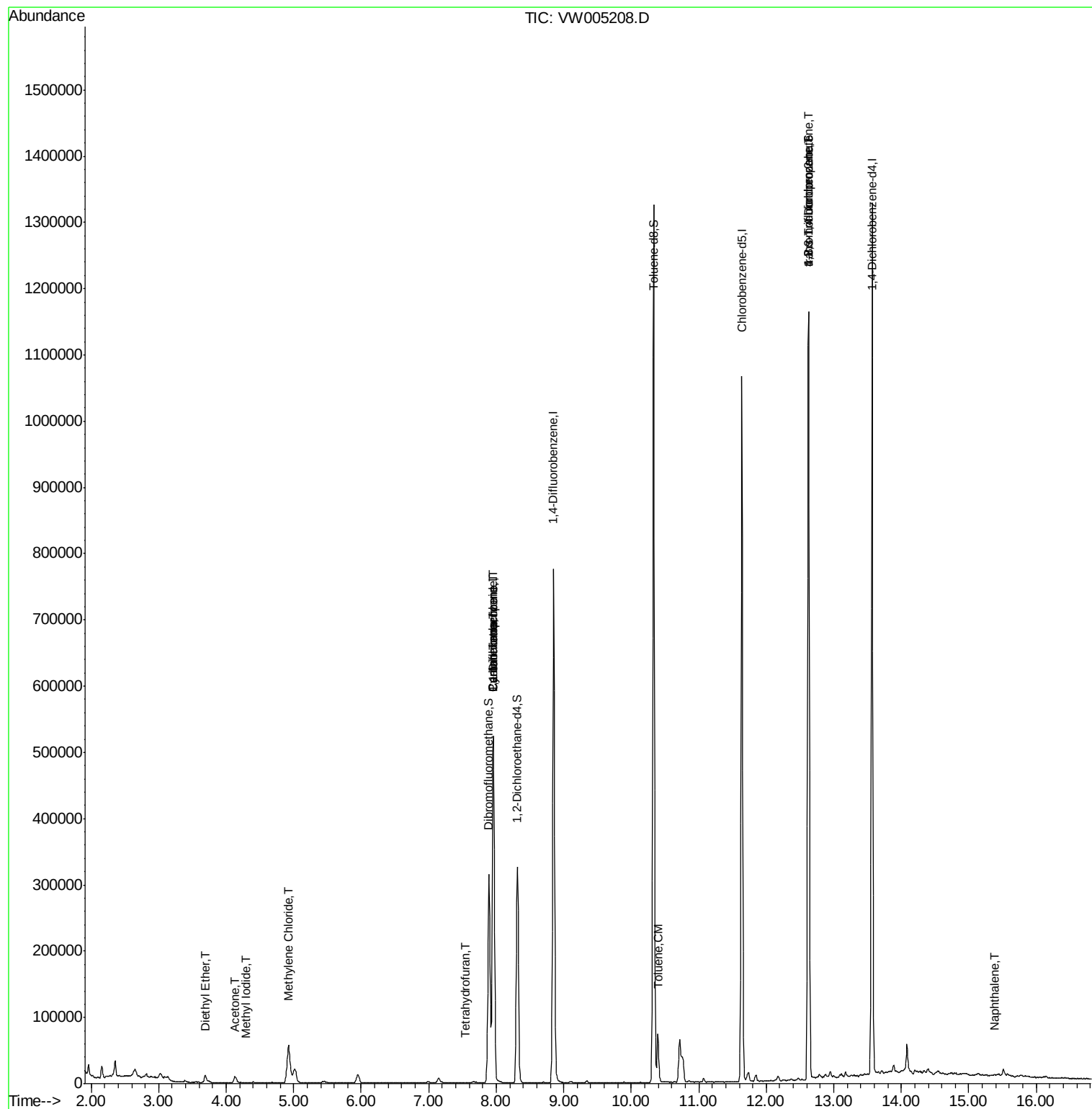
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	423928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	646182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	360412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	250325	71.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.46%	
35) Dibromofluoromethane	7.89	113	227190	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
50) Toluene-d8	10.33	98	907000	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.63	95	375015	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.78	94	654	Below Cal	#	55
8) Diethyl Ether	3.68	74	5497	2.802	ug/l	93
10) Methyl Iodide	4.29	142	435	3.891	ug/l #	71
11) Tert butyl alcohol	5.18	59	180	Below Cal	#	72
16) Acetone	4.14	43	16654	23.631	ug/l	97
20) Methylene Chloride	4.92	84	46357	6.337	ug/l	97
29) Tetrahydrofuran	7.54	42	811	1.298	ug/l #	83
31) Cyclohexane	7.96	56	7499	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	28809	4.321	ug/l #	47
38) Carbon Tetrachloride	7.96	117	37205	5.869	ug/l #	17
52) Toluene	10.40	92	30875	2.232	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	173791	64.240	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	173791	154.619	ug/l #	15
95) Naphthalene	15.38	128	1831	4.109	ug/l #	89

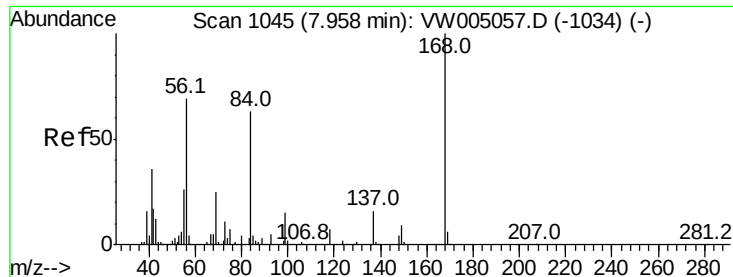
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

Instrument :

MSVOA_W

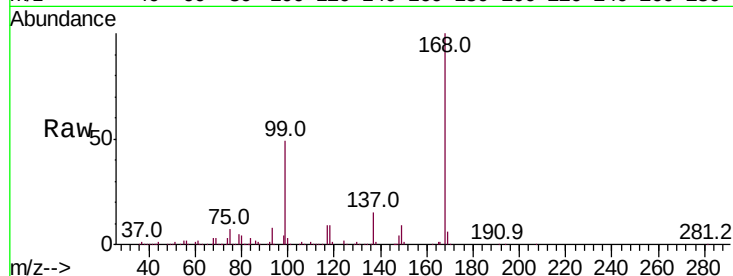
ClientSampled :

Tot Ion:168 Resp: 423928

Ion Ratio Lower Upper

168 100

99 49.3 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

200000

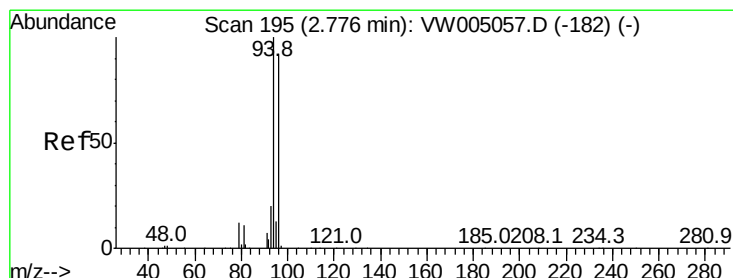
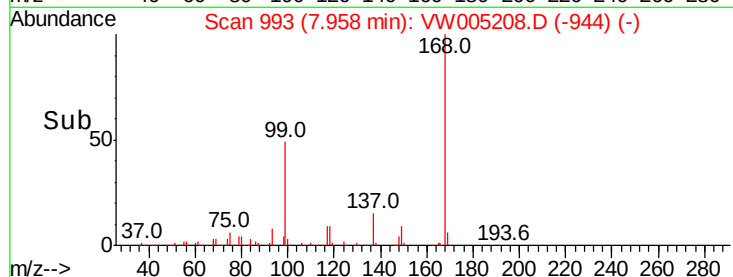
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005208.D

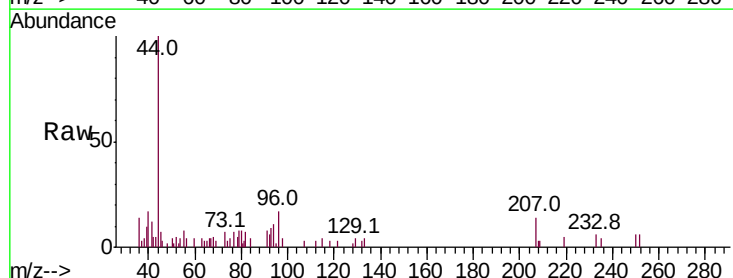
Acq: 07 Sep 2018 14:51

Tgt Ion: 94 Resp: 654

Ion Ratio Lower Upper

94 100

96 134.1 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

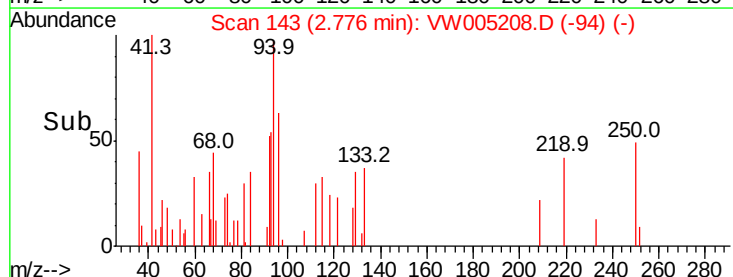
300

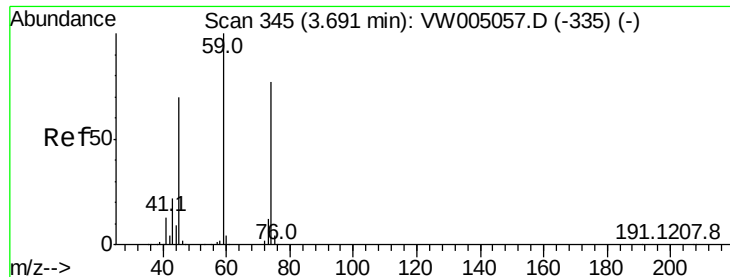
200

100

0

Time-->





#8

Diethyl Ether

Concen: 2.802 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

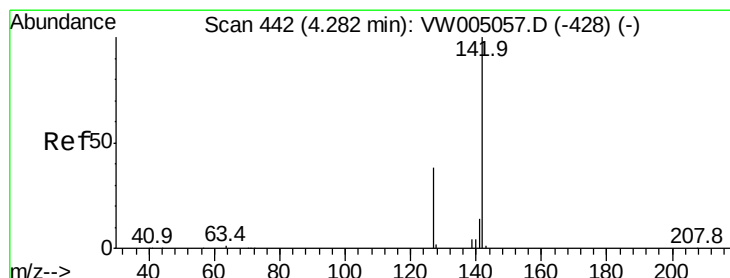
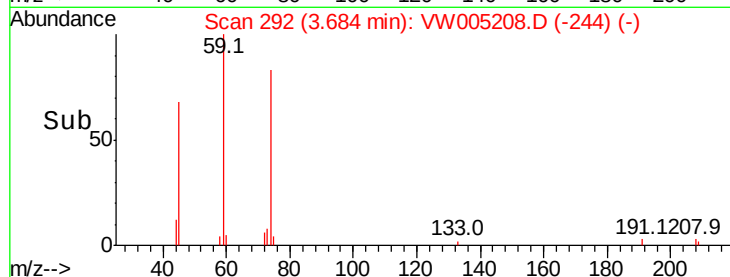
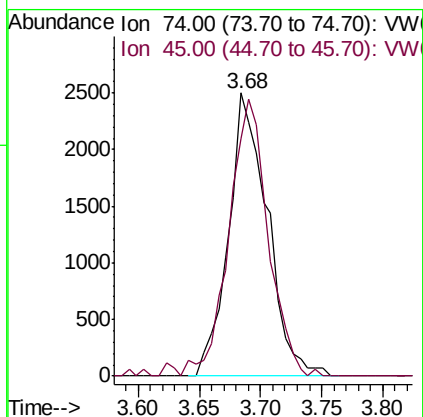
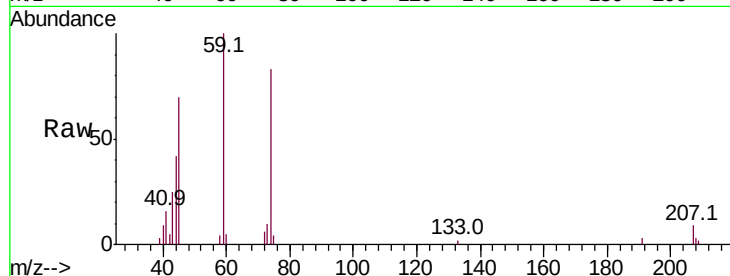
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 74 Resp: 5497

Ion Ratio Lower Upper

74 100

45 98.4 46.0 137.8



#10

Methyl Iodide

Concen: 3.891 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

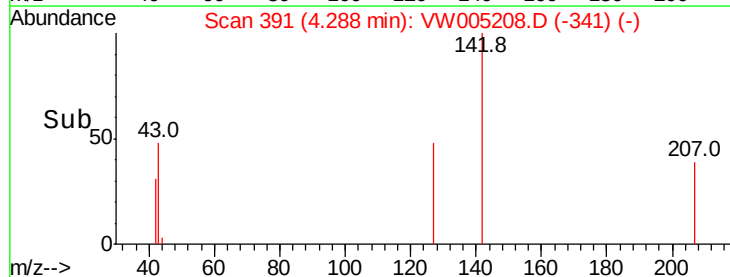
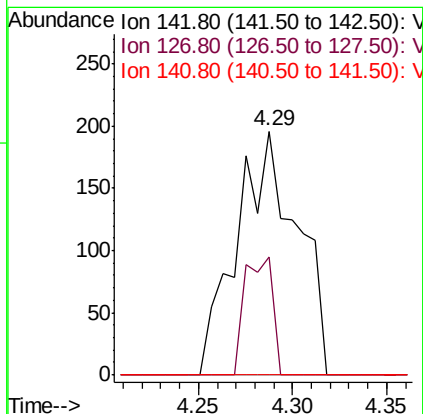
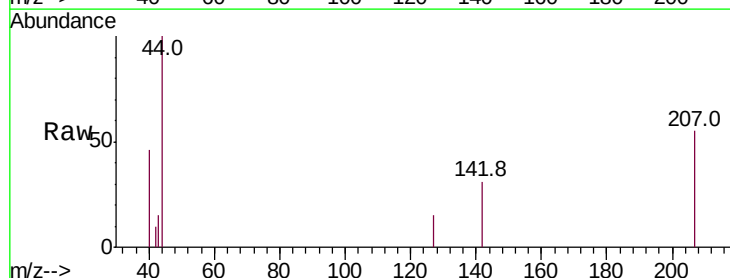
Tgt Ion: 142 Resp: 435

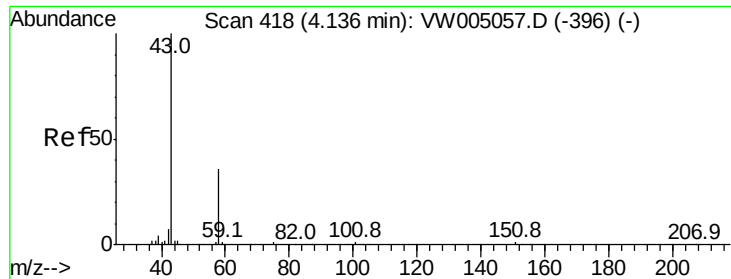
Ion Ratio Lower Upper

142 100

127 22.5 30.8 46.2#

141 0.0 11.6 17.4#

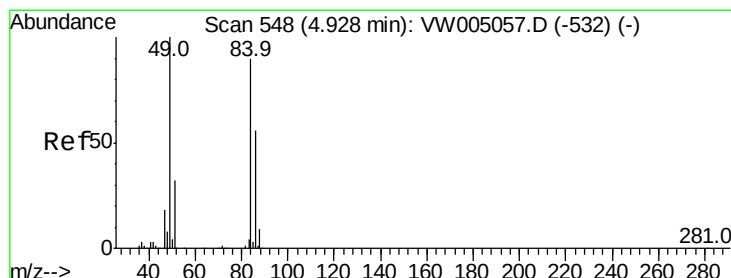
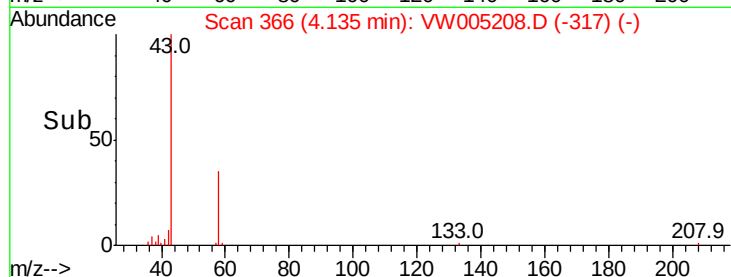
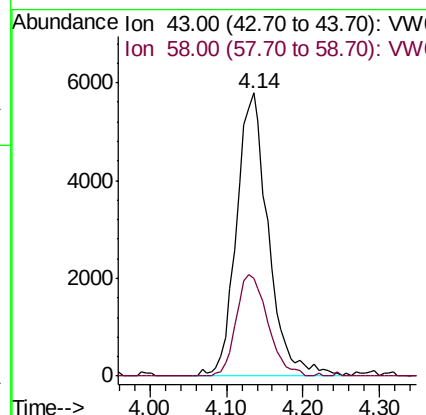
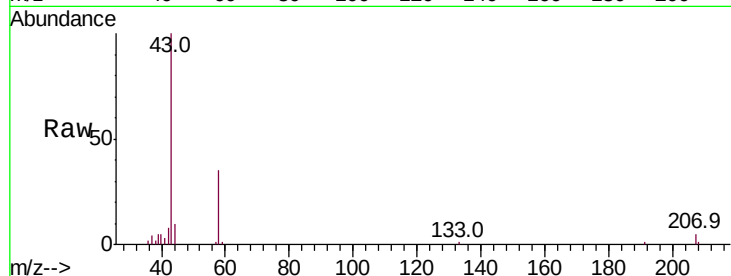




#16
Acetone
Concen: 23.631 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

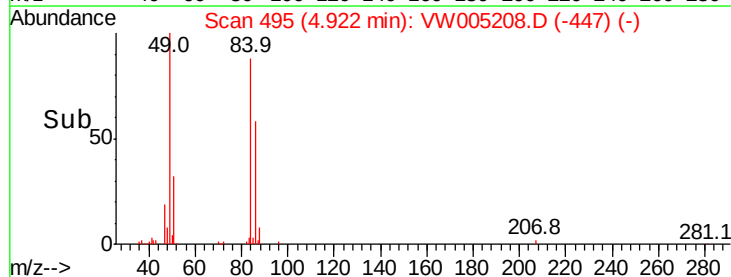
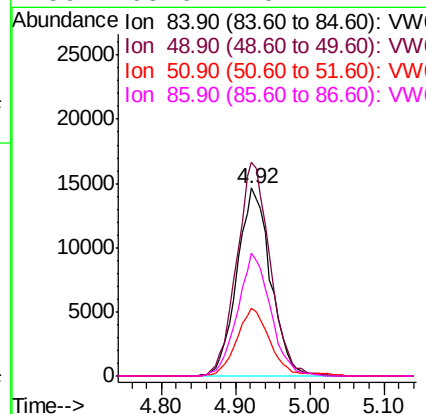
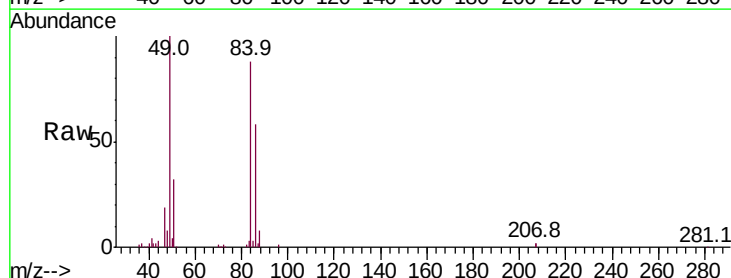
Instrument :
MSVOA_W
ClientSampleId :

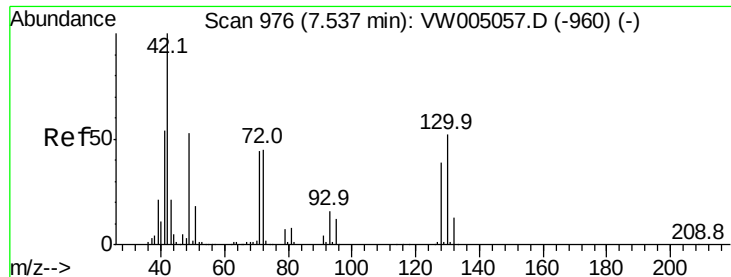
Tot Ion: 43 Resp: 16654
Ion Ratio Lower Upper
43 100
58 34.6 29.0 43.6



#20
Methylene Chloride
Concen: 6.337 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

Tgt Ion: 84 Resp: 46357
Ion Ratio Lower Upper
84 100
49 113.8 88.7 133.1
51 36.1 28.6 42.8
86 65.6 49.4 74.2

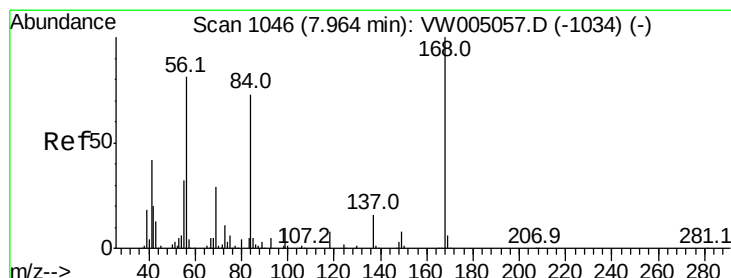
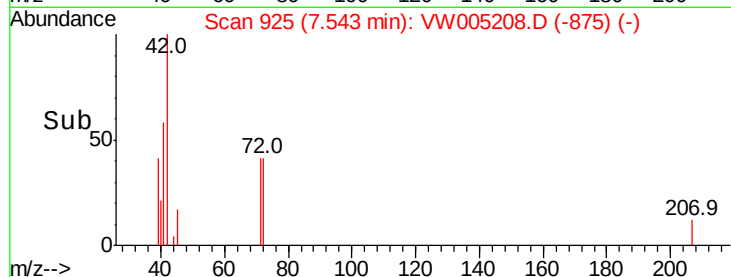
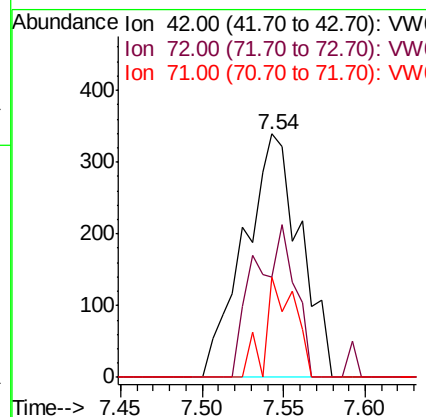
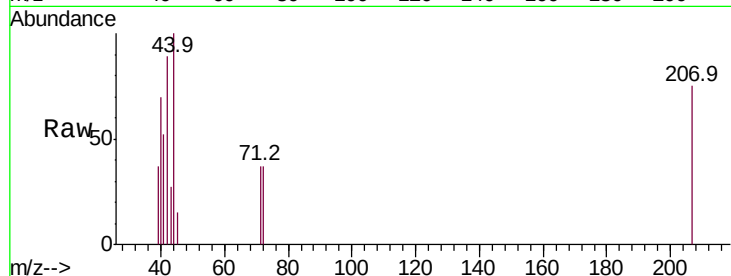




#29
Tetrahydrofuran
Concen: 1.298 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

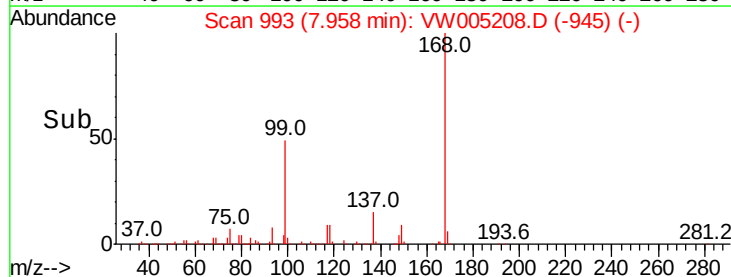
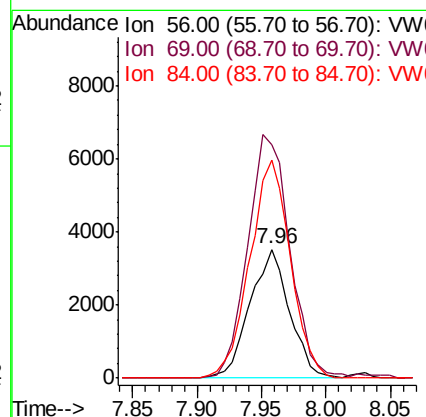
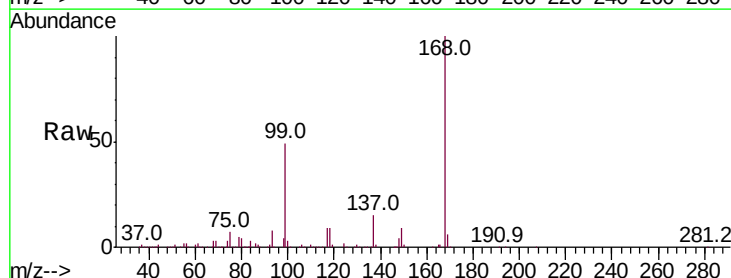
Instrument :
MSVOA_W
ClientSampled :

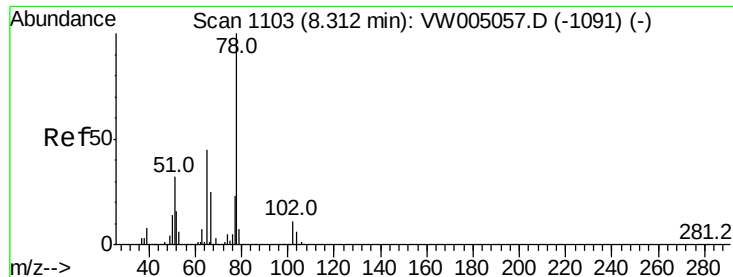
Tot Ion: 42 Resp: 811
Ion Ratio Lower Upper
42 100
72 45.3 37.0 55.4
71 21.7 35.0 52.6#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

Tgt Ion: 56 Resp: 7499
Ion Ratio Lower Upper
56 100
69 181.6 28.2 42.2#
84 169.0 71.8 107.8#

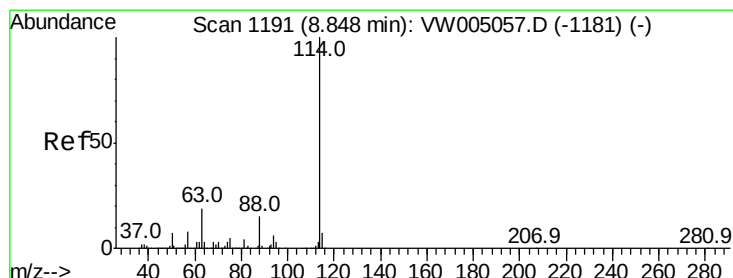
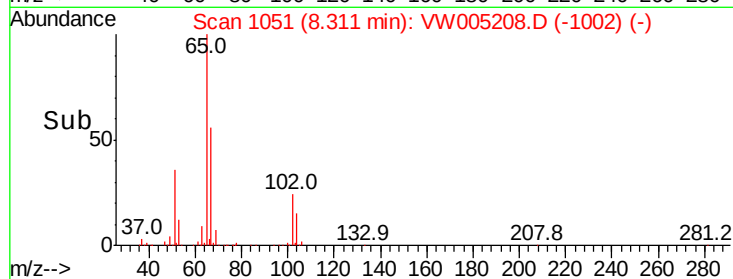
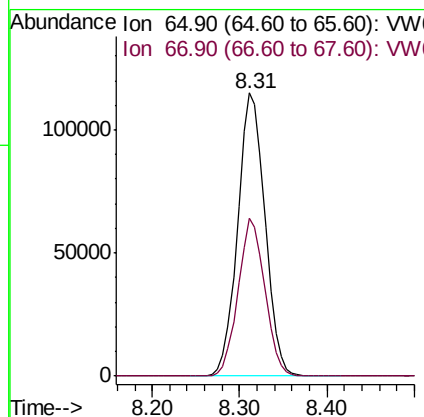
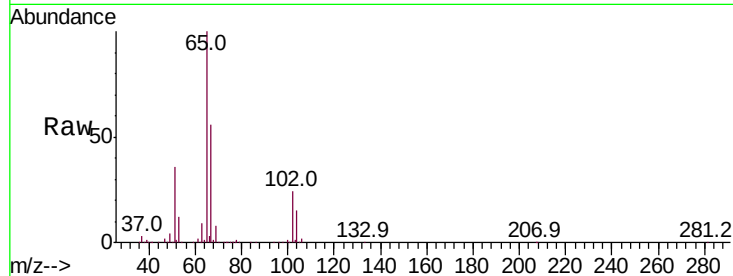




#33
 1,2-Dichloroethane-d4
 Concen: 71.233 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

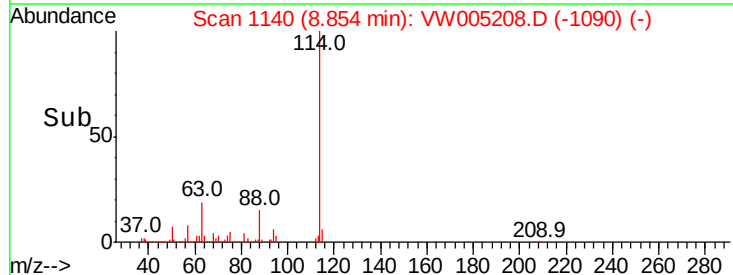
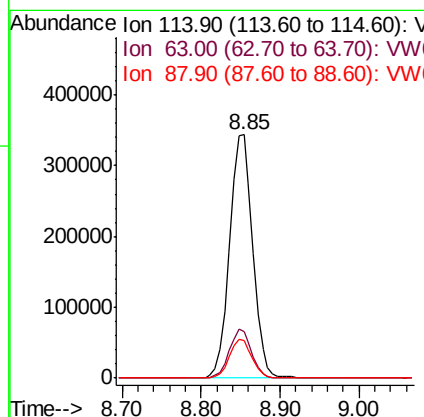
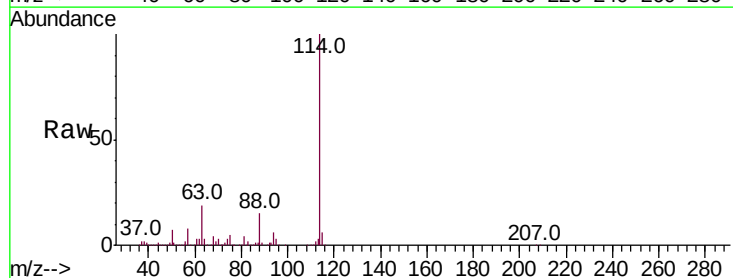
Instrument :
 MSVOA_W
 ClientSampled :

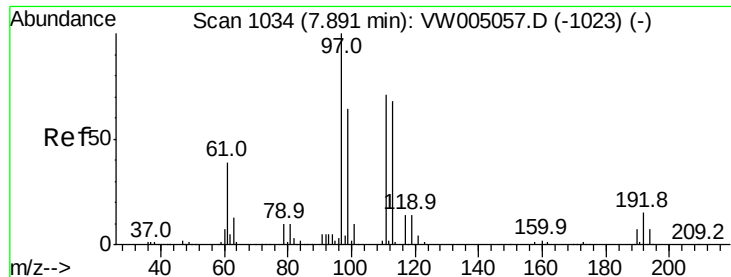
Tot Ion: 65 Resp: 250325
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

Tgt Ion: 114 Resp: 700068
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.5 0.0 30.2

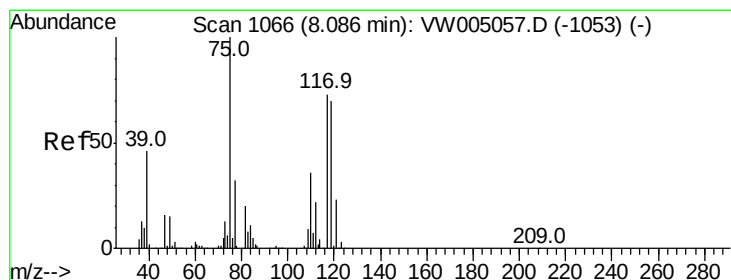
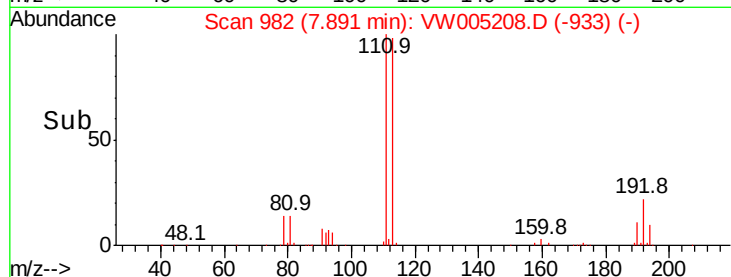
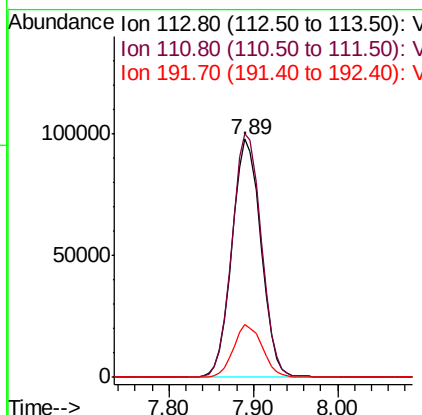
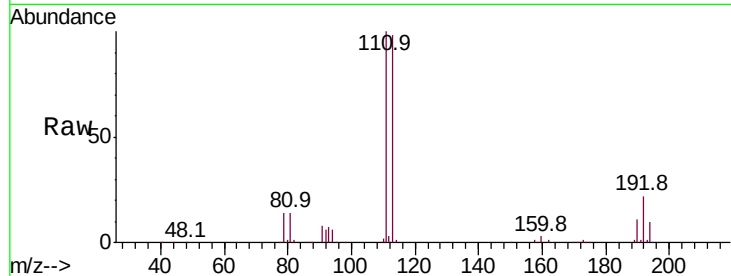




#35
 Dibromofluoromethane
 Concen: 56.157 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

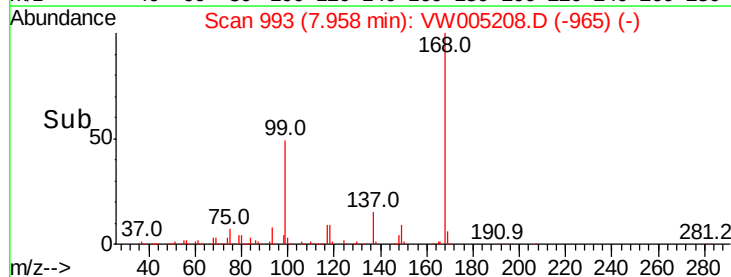
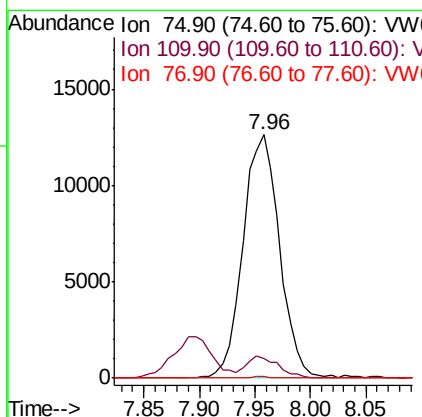
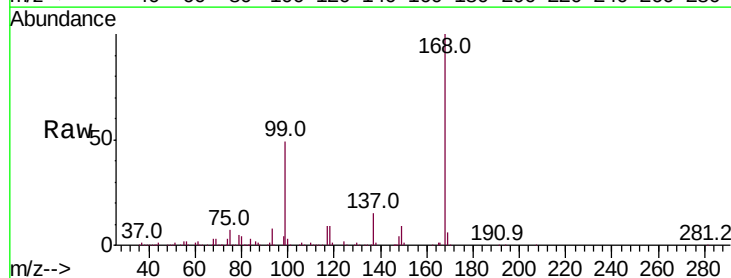
Instrument :
 MSVOA_W
 ClientSampled :

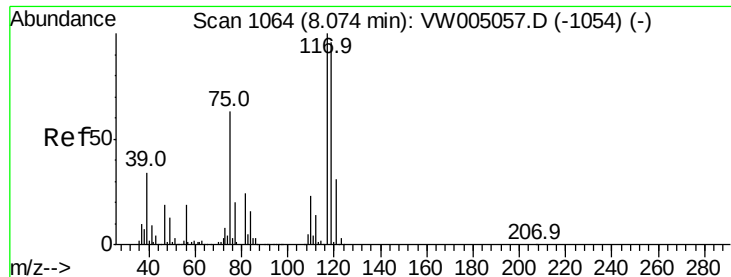
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	22.1	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.9	56.7#
77	0.2	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 5.869 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

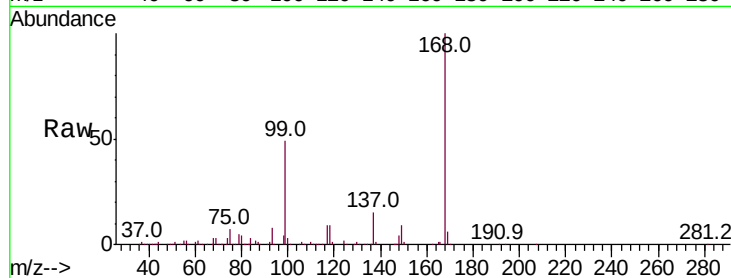
Tot Ion:117 Resp: 37205

Ion Ratio Lower Upper

117 100

119 6.0 76.6 115.0#

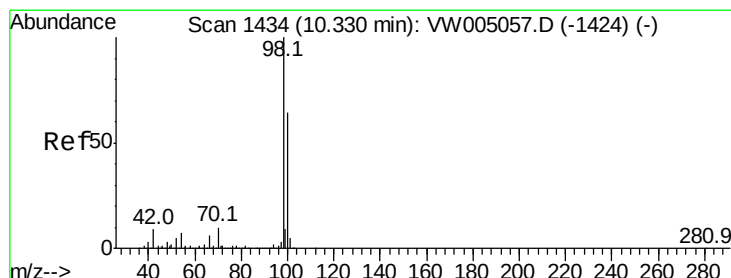
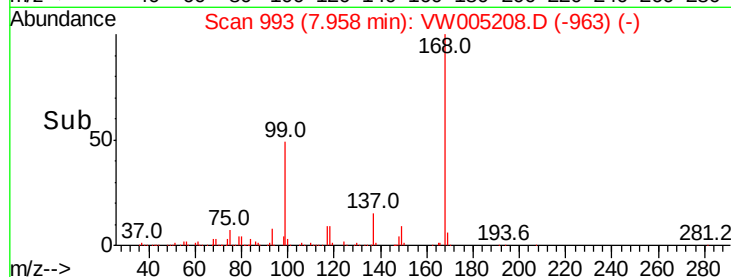
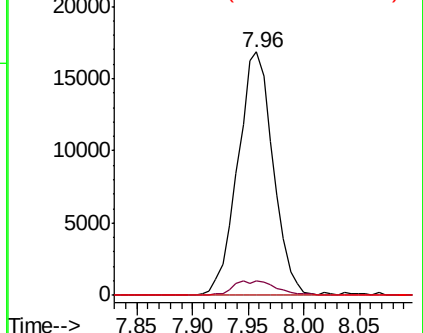
121 0.0 24.8 37.2#



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: 48.655 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005208.D

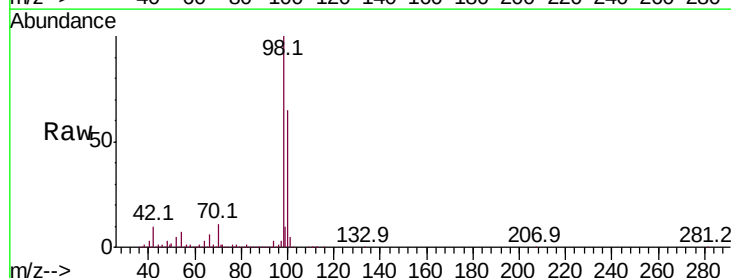
Acq: 07 Sep 2018 14:51

Tgt Ion: 98 Resp: 907000

Ion Ratio Lower Upper

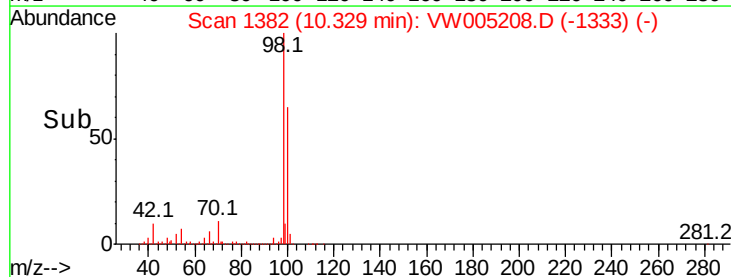
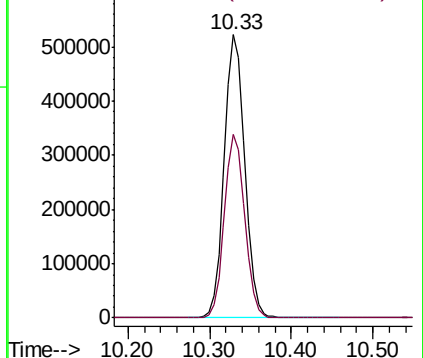
98 100

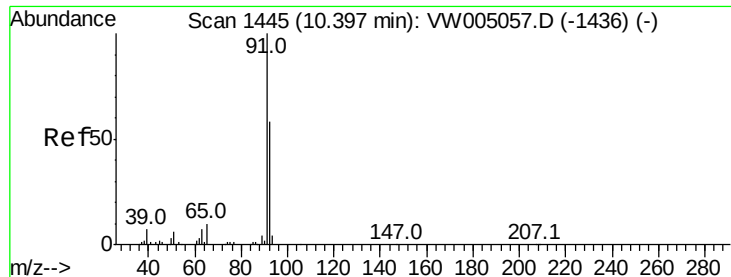
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.232 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

Instrument :

MSVOA_W

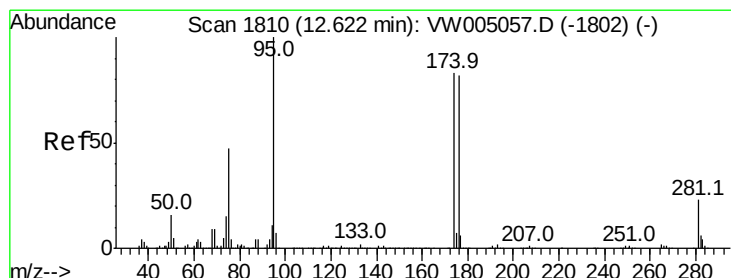
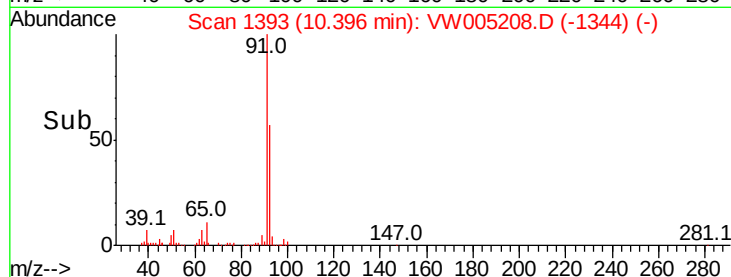
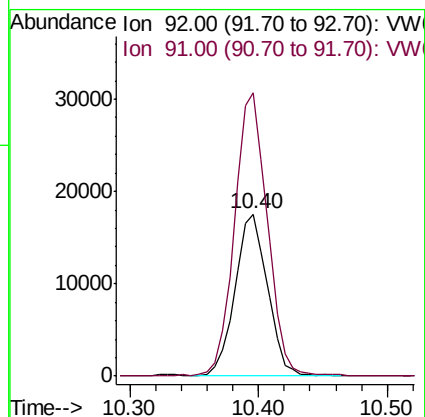
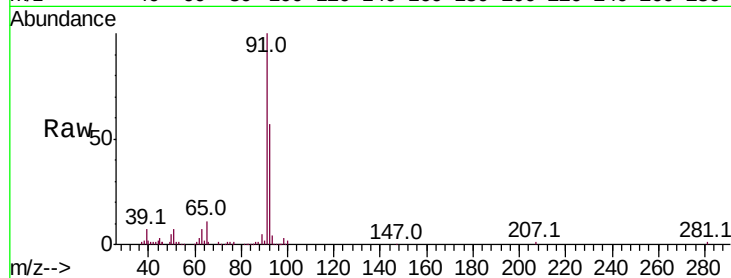
ClientSampleId :

Tot Ion: 92 Resp: 30875

Ion Ratio Lower Upper

92 100

91 176.3 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 57.053 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

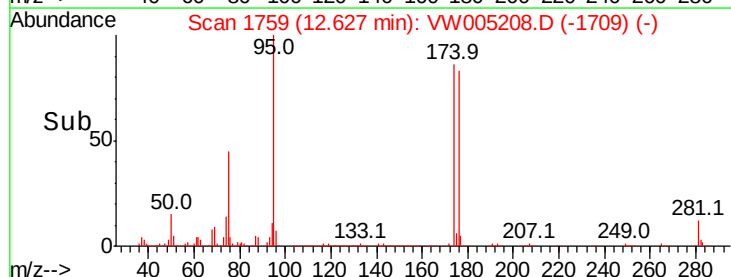
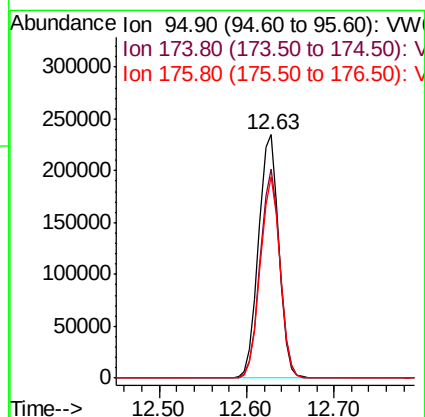
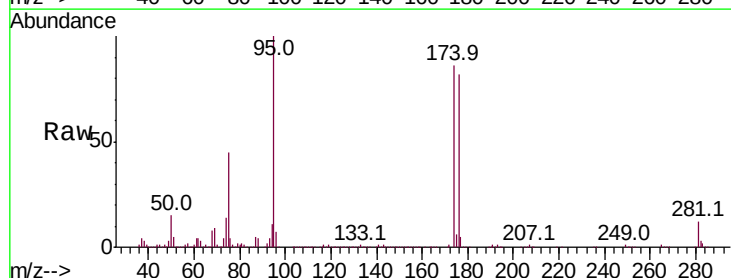
Tgt Ion: 95 Resp: 375015

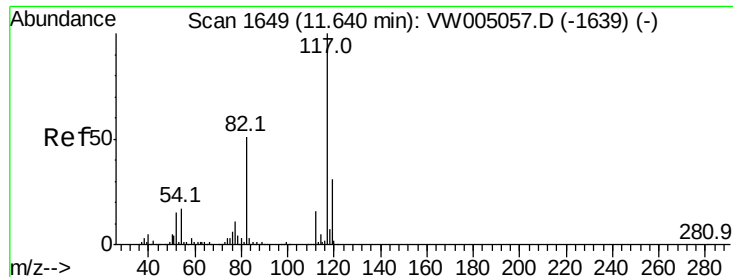
Ion Ratio Lower Upper

95 100

174 84.6 0.0 173.4

176 81.3 0.0 167.4

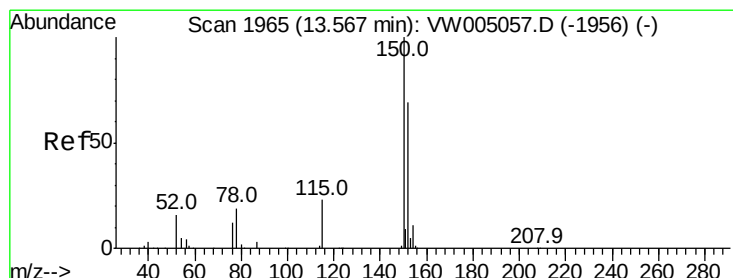
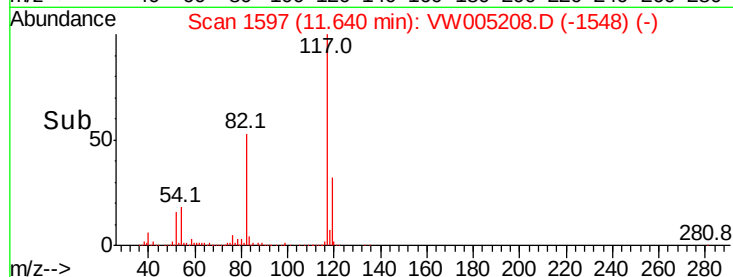
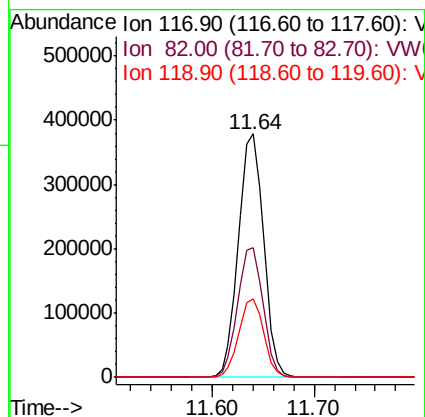
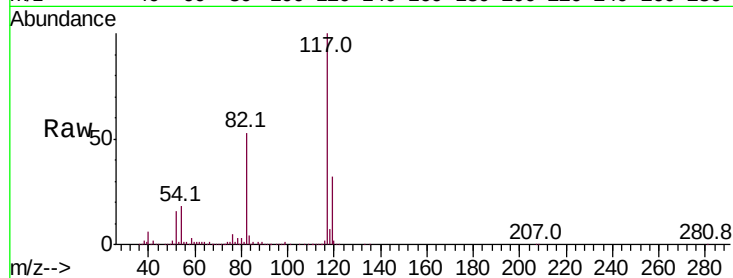




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

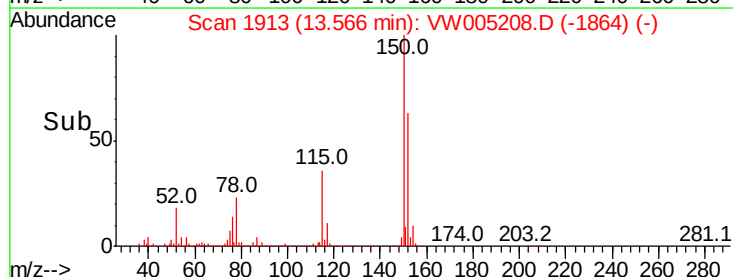
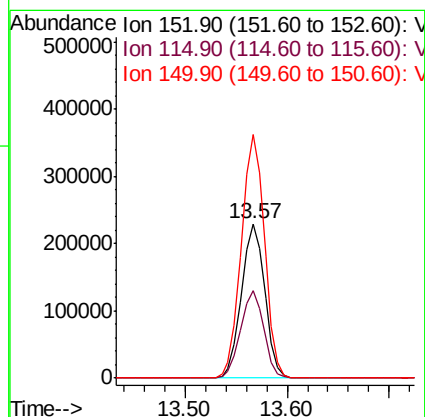
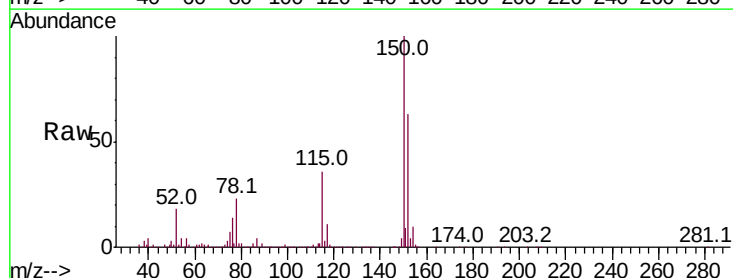
Instrument :
MSVOA_W
ClientSampleId :

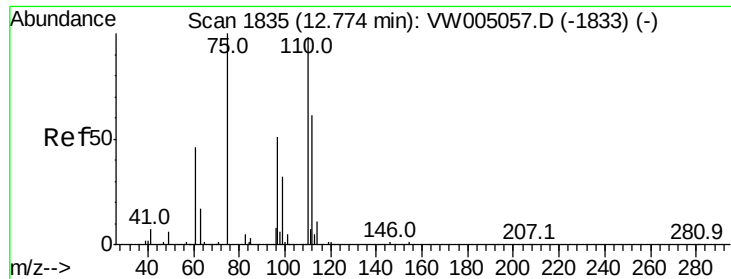
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.9	61.3
119	32.0	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005208.D
Acq: 07 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.4
150	156.9	0.0	351.4

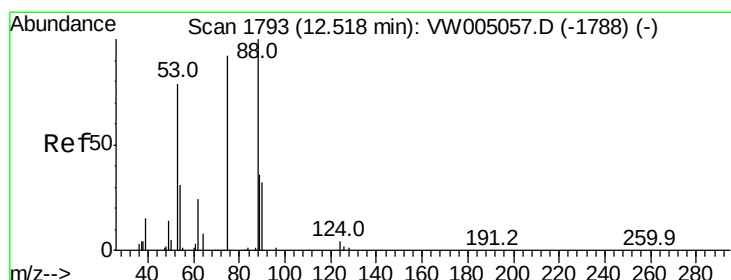
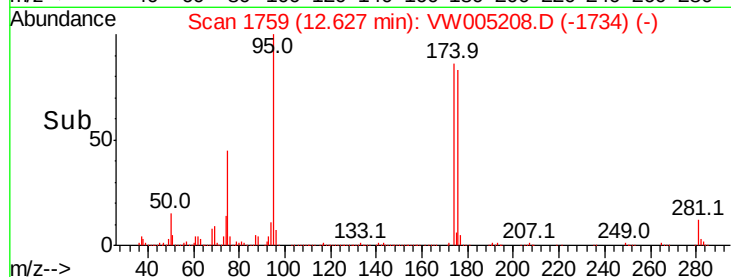
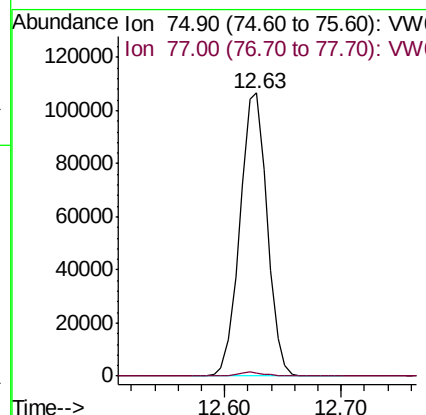
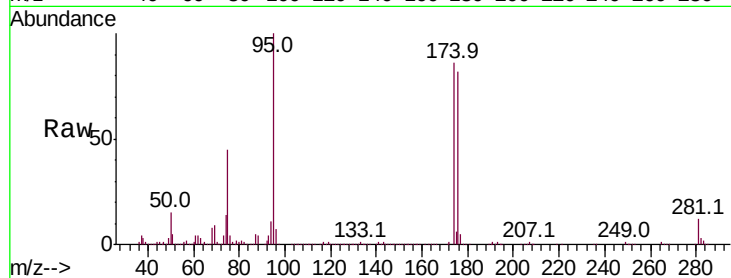




#76
 1,2,3-Trichloropropane
 Concen: 64.240 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

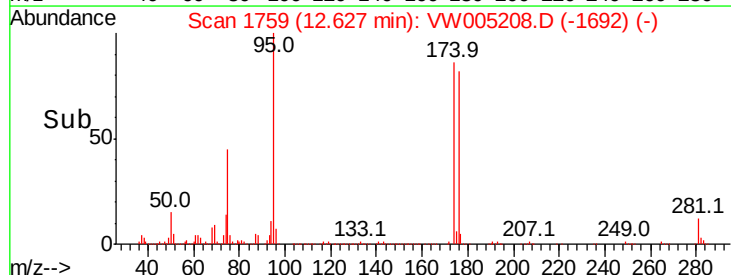
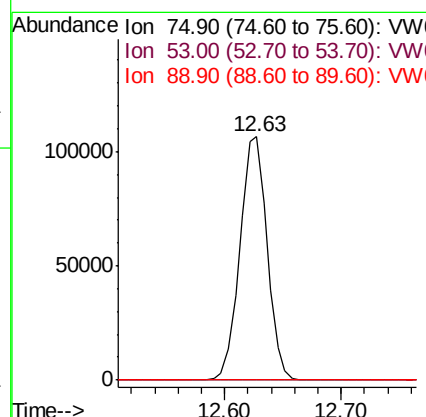
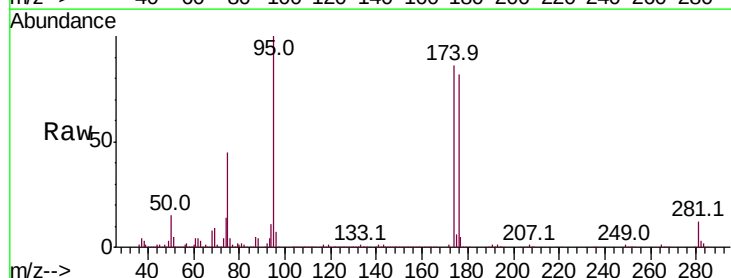
Instrument :
 MSVOA_W
 ClientSampleId :

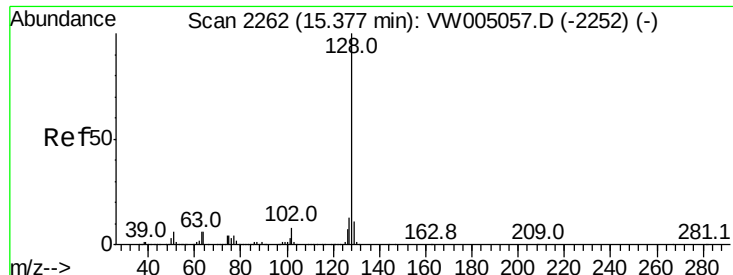
Tot Ion: 75 Resp: 173791
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.619 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005208.D
 Acq: 07 Sep 2018 14:51

Tgt Ion: 75 Resp: 173791
 Ion Ratio Lower Upper
 75 100
 53 0.4 69.8 104.8#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.109 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

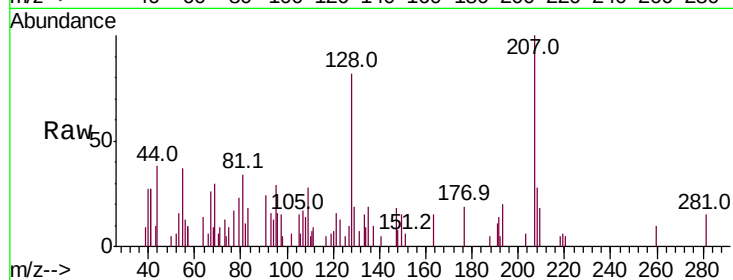
Lab File: VW005208.D

Acq: 07 Sep 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:128 Resp: 1831

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 20.0 8.7 13.1#

