

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005126.D
 Acq On : 05 Sep 2018 12:46
 Operator : SY/AP
 Sample : J4699-04RE
 Misc : 6.41G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 13:36:16 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	547363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	853387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	824752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	360142	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	295462	65.12	ug/l	0.00
Spiked Amount			Recovery	=	130.24%	
35) Dibromofluoromethane	7.89	113	256876	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.33	98	1149625	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	391585	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

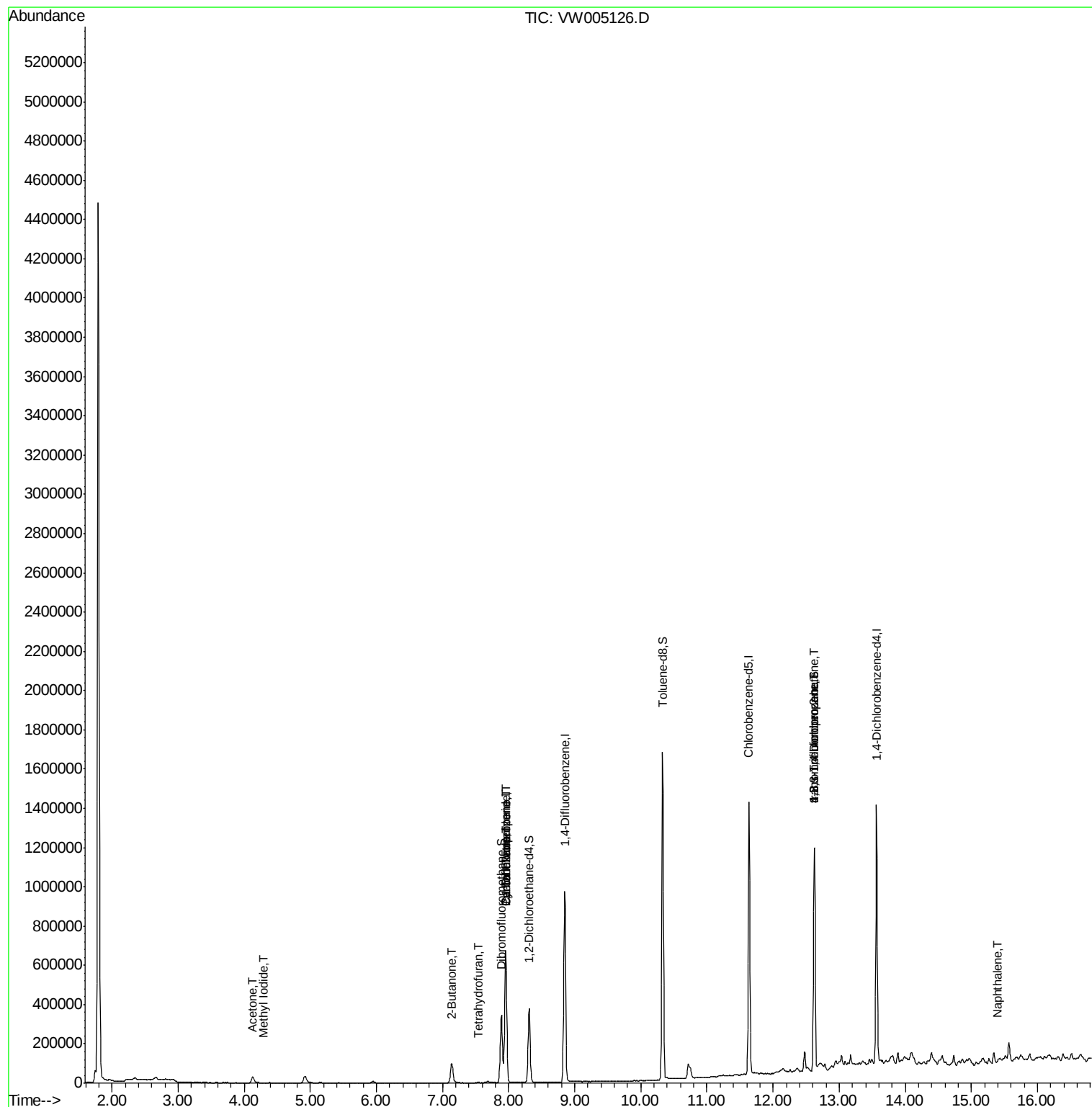
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	482	Below Cal	#	77
10) Methyl Iodide	4.28	142	436	3.875	ug/l #	51
11) Tert butyl alcohol	5.15	59	1839	Below Cal	#	72
16) Acetone	4.13	43	51586	56.690	ug/l	96
25) 2-Butanone	7.14	43	4782	3.030	ug/l #	70
29) Tetrahydrofuran	7.54	42	1072	1.329	ug/l #	81
31) Cyclohexane	7.95	56	9507	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38058	4.683	ug/l #	49
38) Carbon Tetrachloride	7.96	117	50938	6.591	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	180857	66.902	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	180857	161.026	ug/l #	15
95) Naphthalene	15.38	128	3312	4.214	ug/l #	69

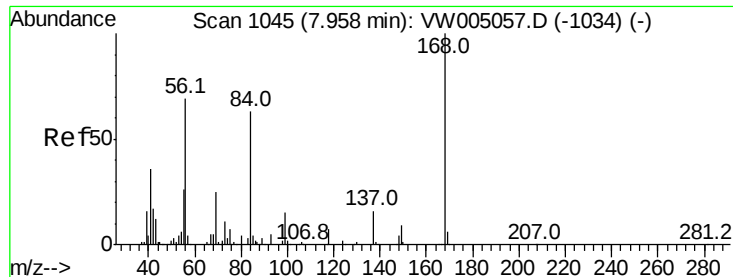
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
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# 1045

Delta R.T. -0.00 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

Instrument :

MSVOA_W

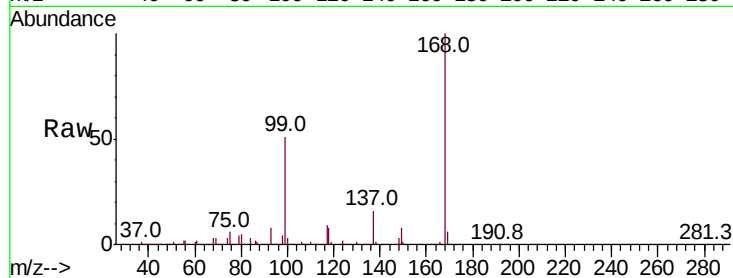
ClientSampleId :

Tot Ion:168 Resp: 547363

Ion Ratio Lower Upper

168 100

99 50.7 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

250000

200000

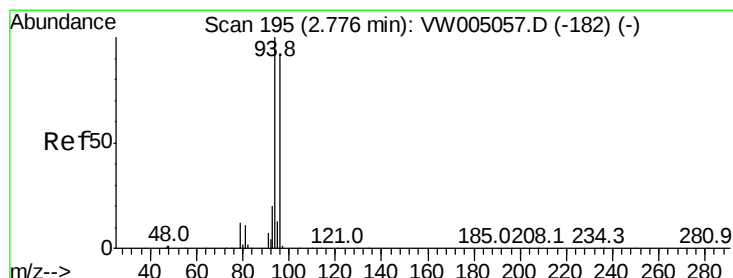
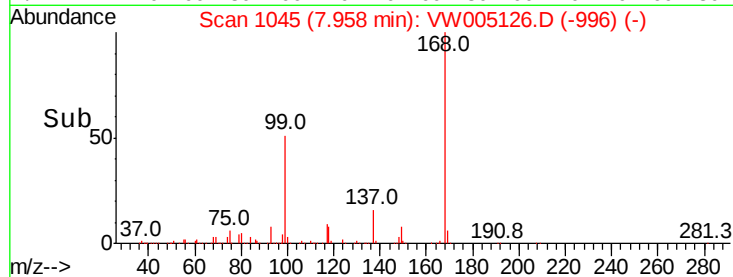
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005126.D

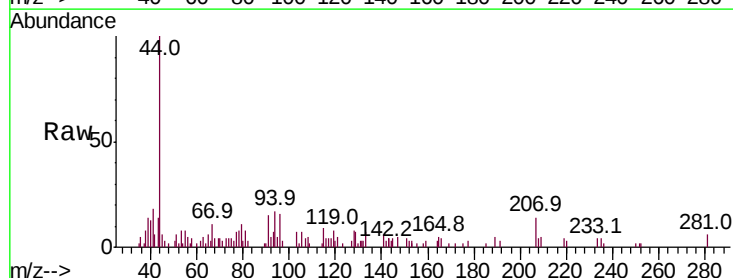
Acq: 05 Sep 2018 12:46

Tgt Ion: 94 Resp: 482

Ion Ratio Lower Upper

94 100

96 69.2 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

500

400

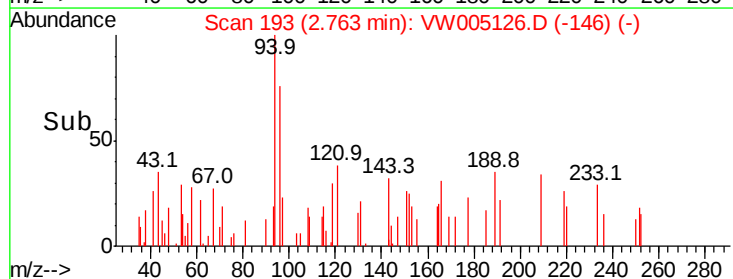
300

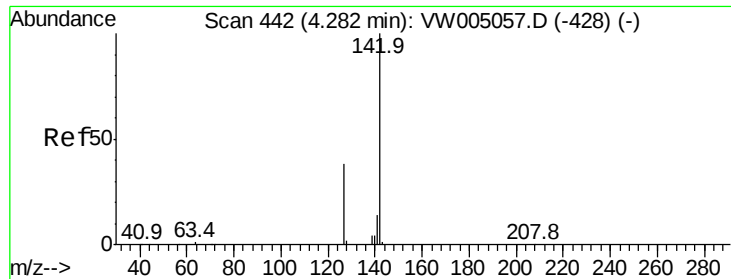
200

100

0

Time-->

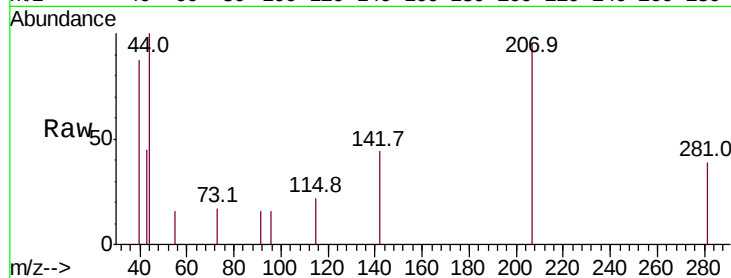




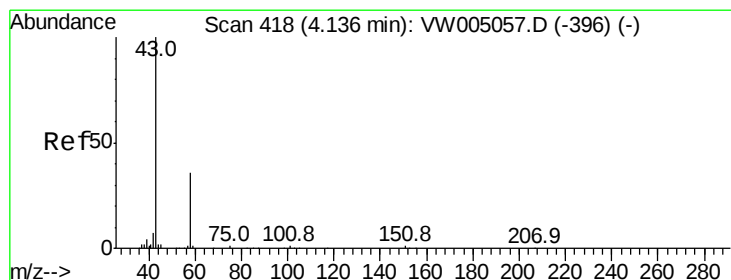
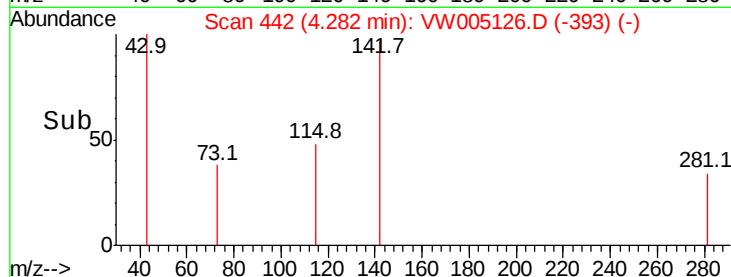
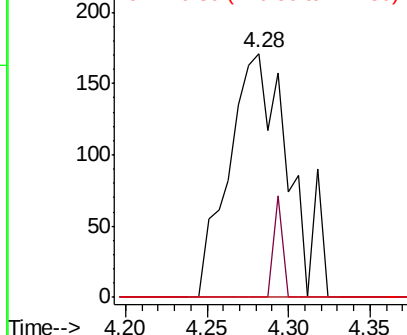
#10
Methvl Iodide
Concen: 3.875 ug/l
RT: 4.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:142 Resp: 436
Ion Ratio Lower Upper
142 100
127 6.0 30.8 46.2#
141 0.0 11.6 17.4#

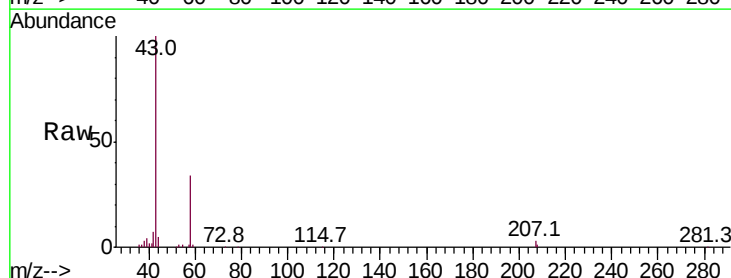


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

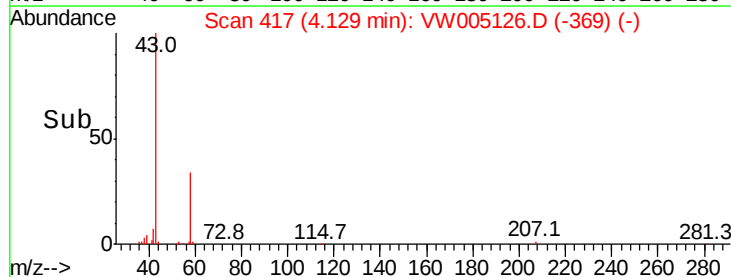
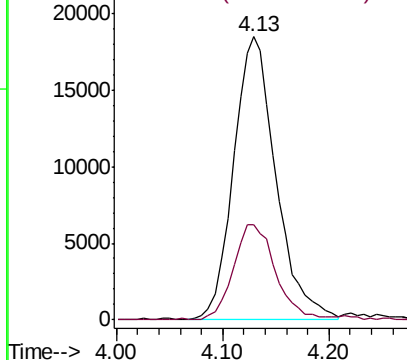


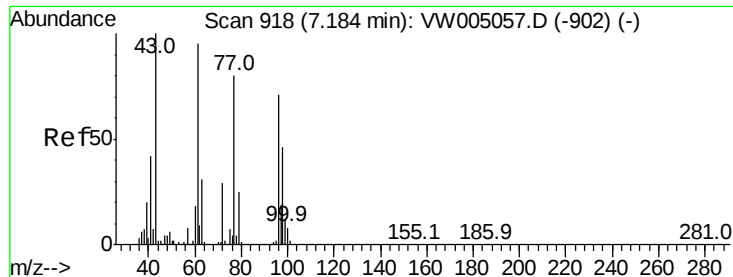
#16
Acetone
Concen: 56.690 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Tgt Ion: 43 Resp: 51586
Ion Ratio Lower Upper
43 100
58 33.7 29.0 43.6



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





#25

2-Butanone

Concen: 3.030 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.04 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

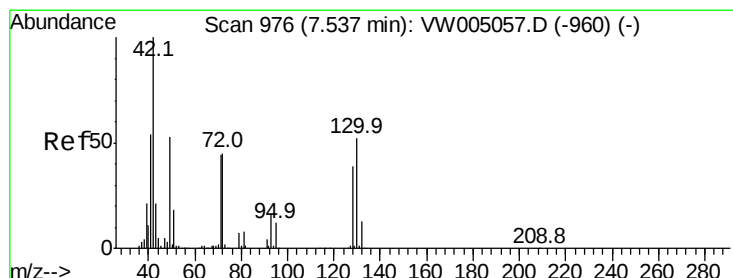
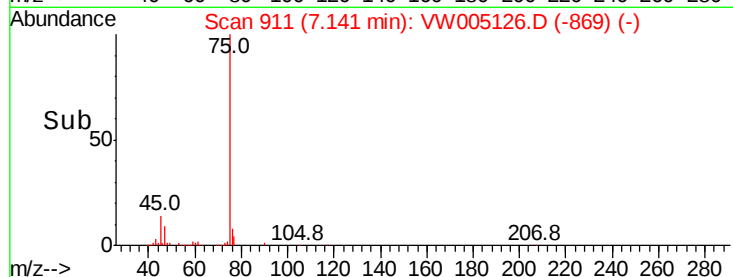
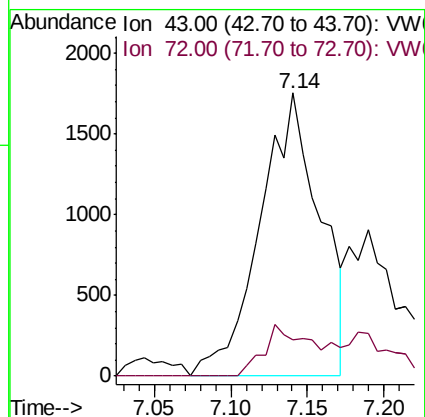
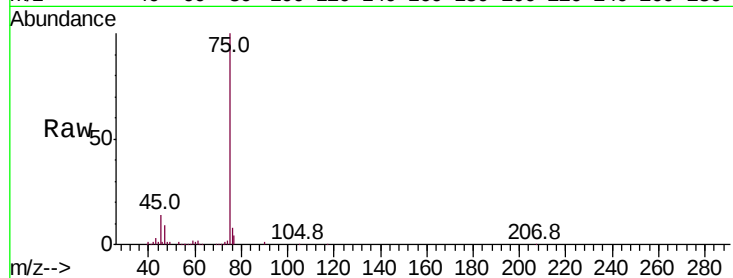
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4782

Ion Ratio Lower Upper

43 100

72 12.8 23.1 34.7#



#29

Tetrahydrofuran

Concen: 1.329 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

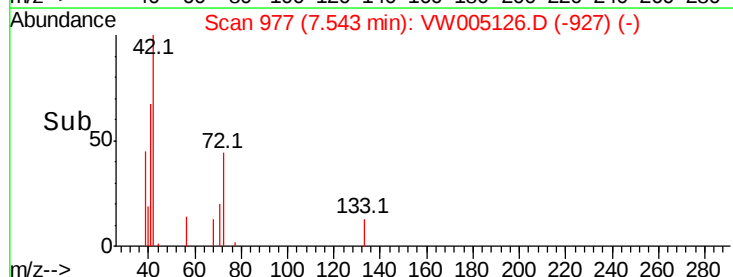
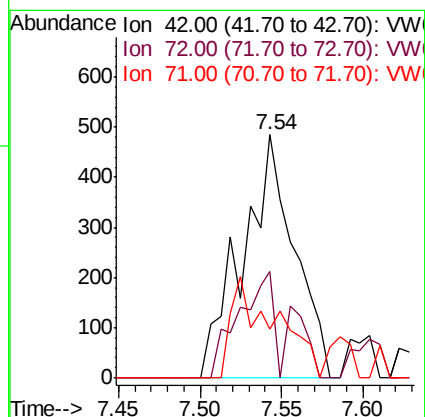
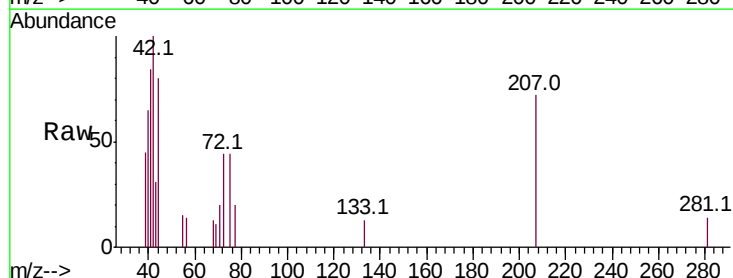
Tgt Ion: 42 Resp: 1072

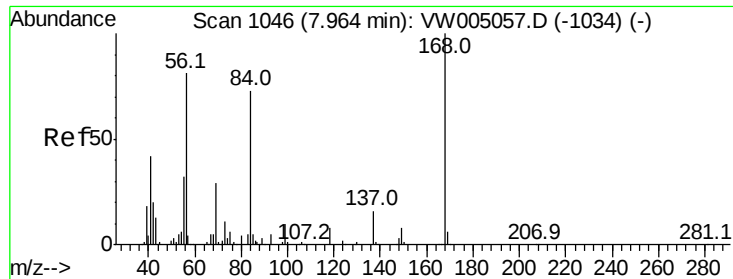
Ion Ratio Lower Upper

42 100

72 29.4 37.0 55.4#

71 35.3 35.0 52.6

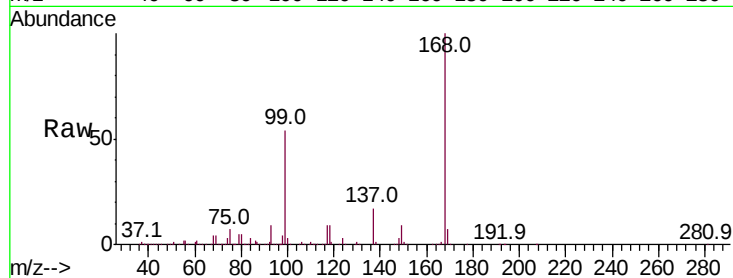




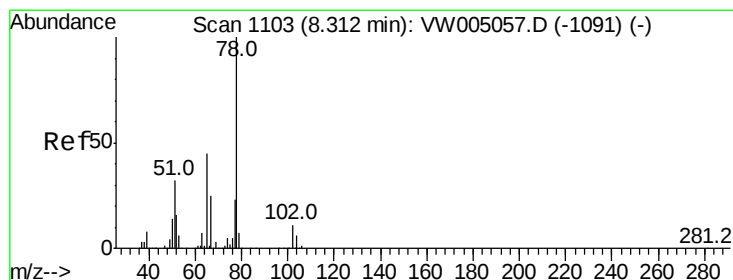
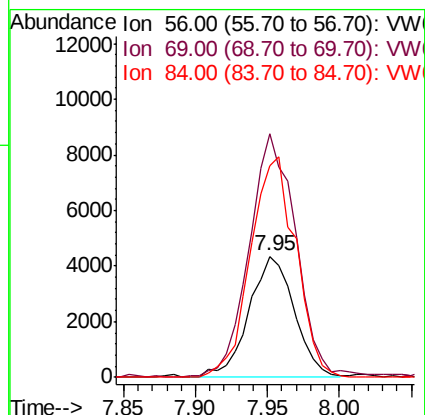
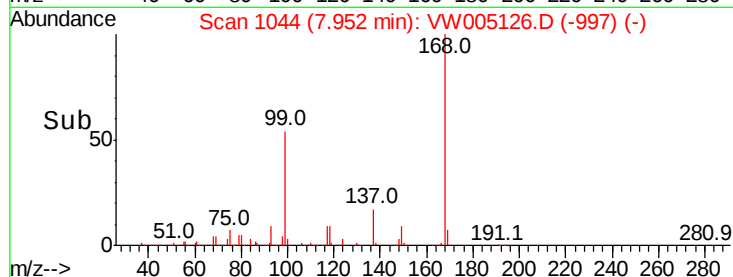
#31
Cvclohexane
Concen: 1.067 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 9507
Ion Ratio Lower Upper
56 100
69 200.3 28.2 42.2#
84 175.4 71.8 107.8#

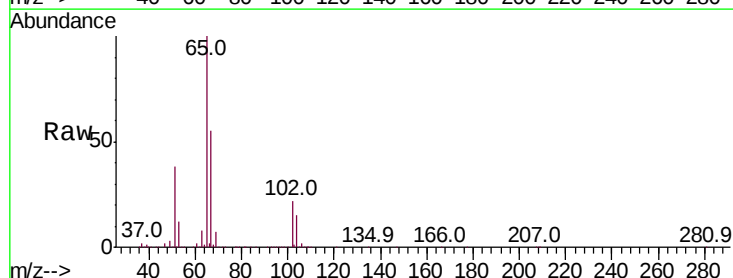


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

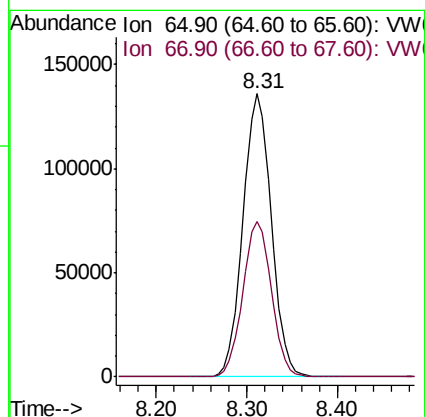
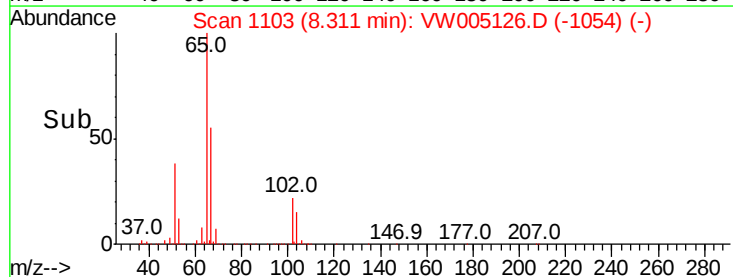


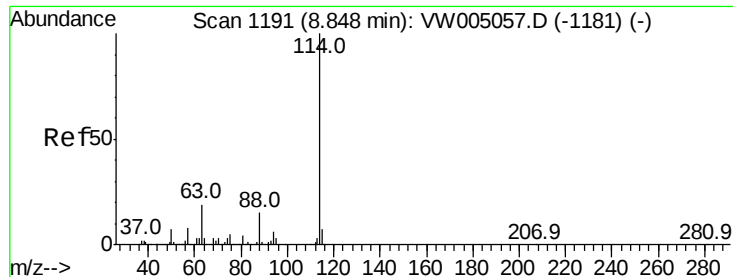
#33
1,2-Dichloroethane-d4
Concen: 65.117 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Tgt Ion: 65 Resp: 295462
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

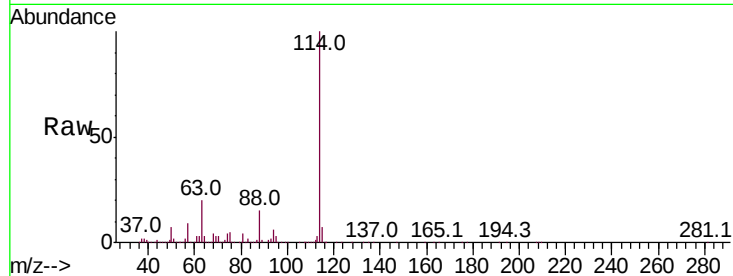




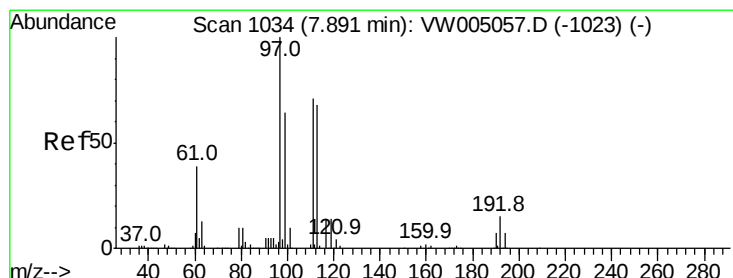
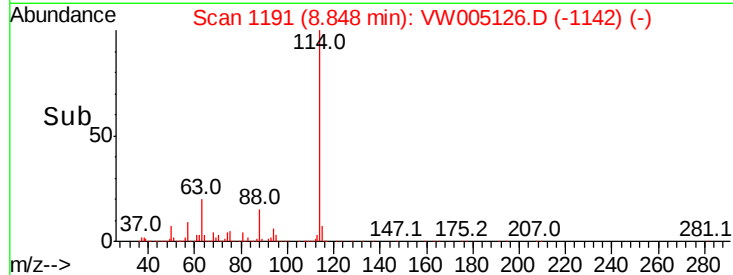
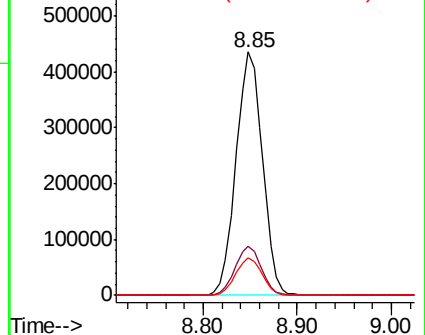
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.0
88	15.4	0.0	30.2

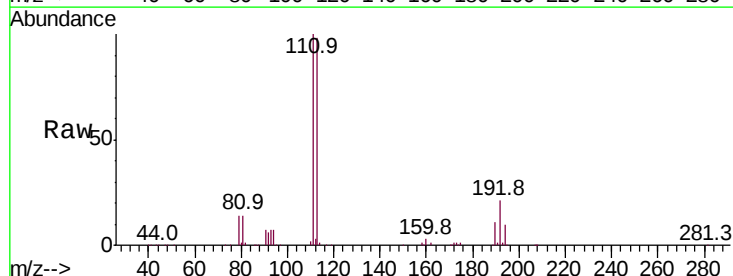


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

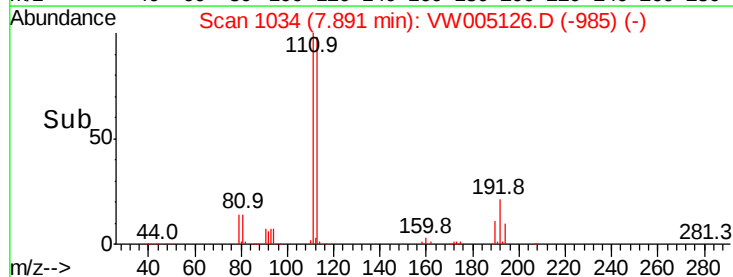
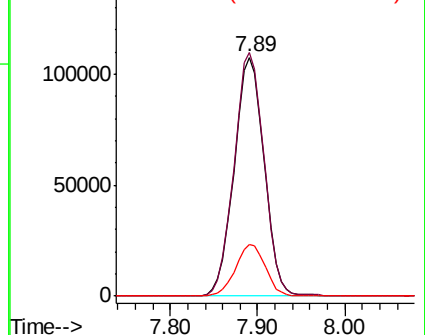


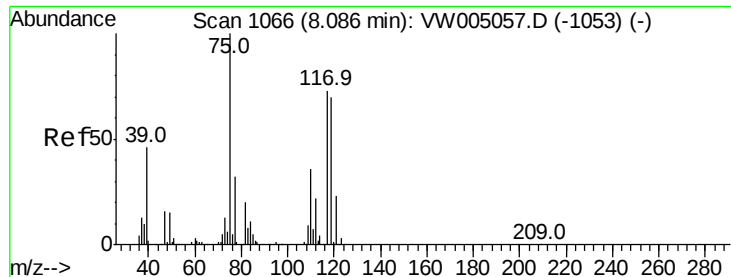
#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	21.4	18.1	27.1



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: 4.683 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :

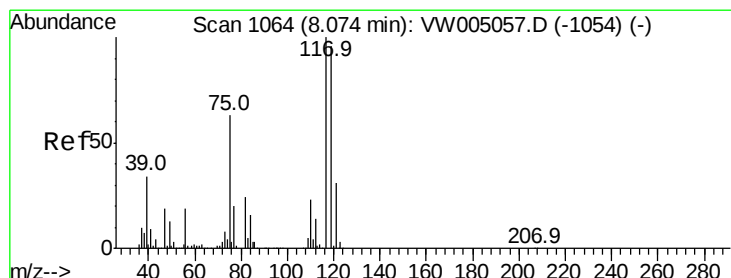
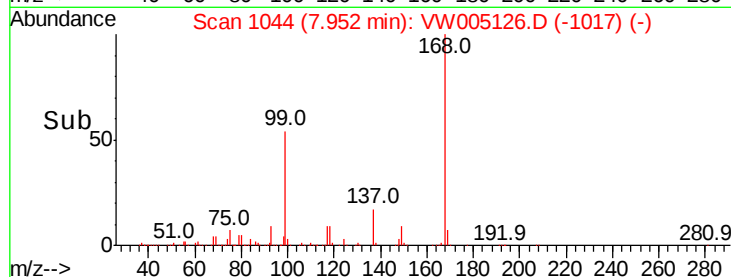
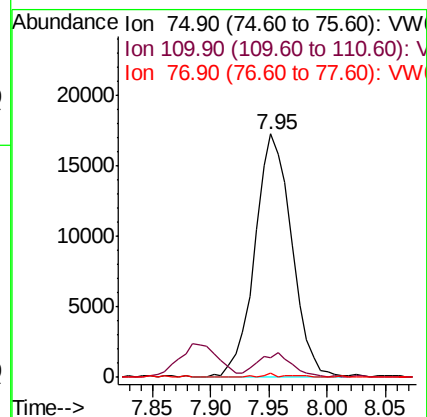
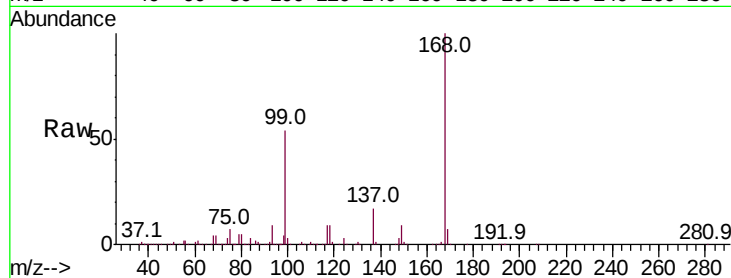
Tot Ion: 75 Resp: 38058

Ion Ratio Lower Upper

75 100

110 9.2 18.9 56.7#

77 1.1 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.591 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

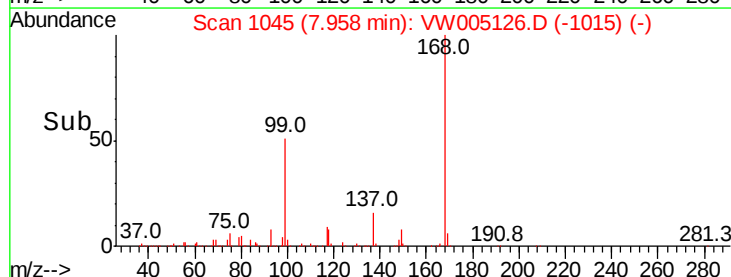
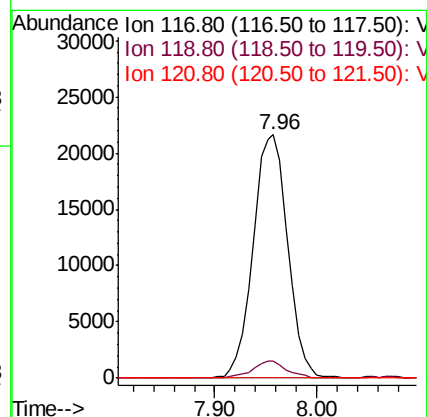
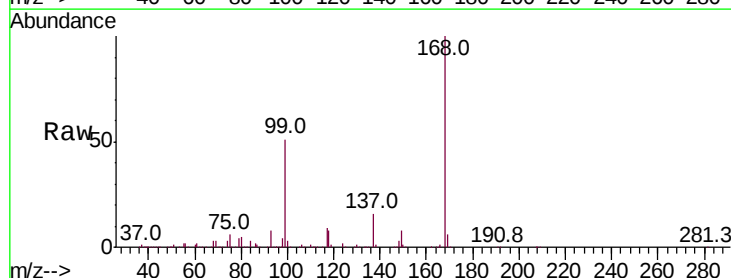
Tgt Ion: 117 Resp: 50938

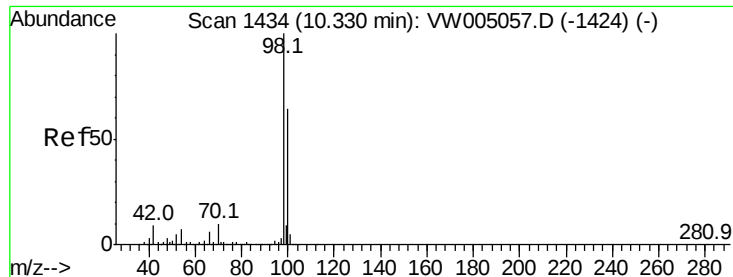
Ion Ratio Lower Upper

117 100

119 6.8 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.591 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

Instrument :

MSVOA_W

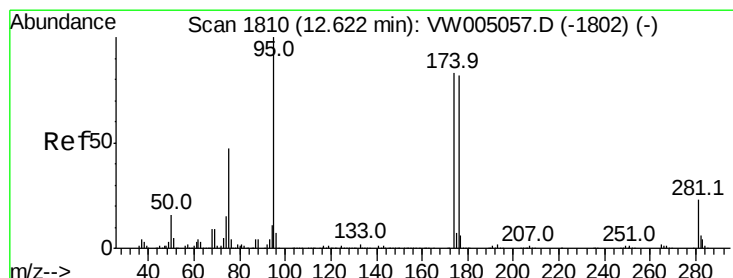
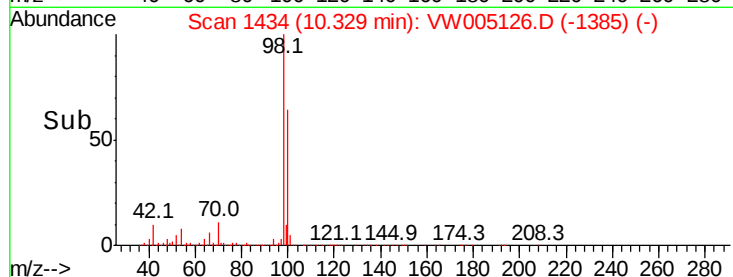
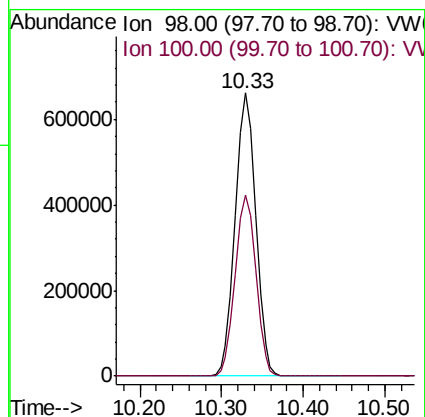
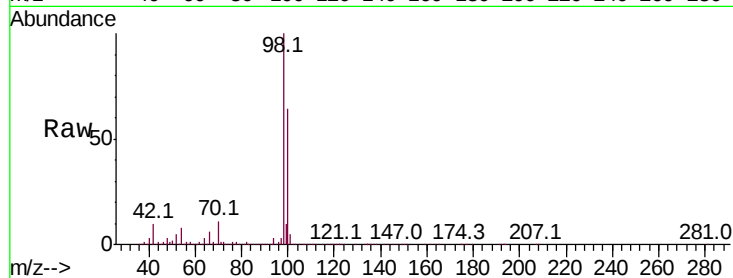
ClientSampleId :

Tot Ion: 98 Resp: 1149625

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.871 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

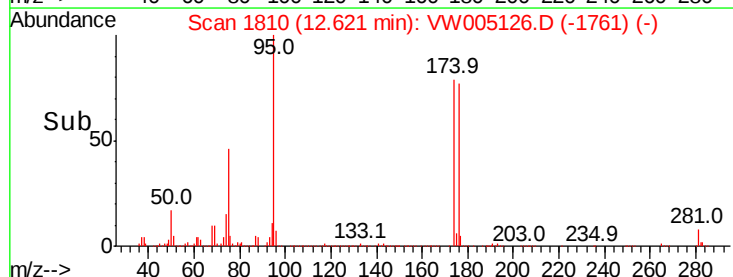
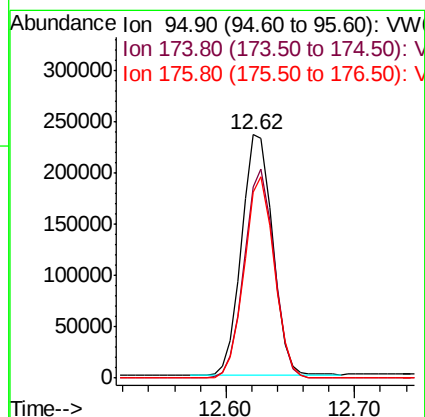
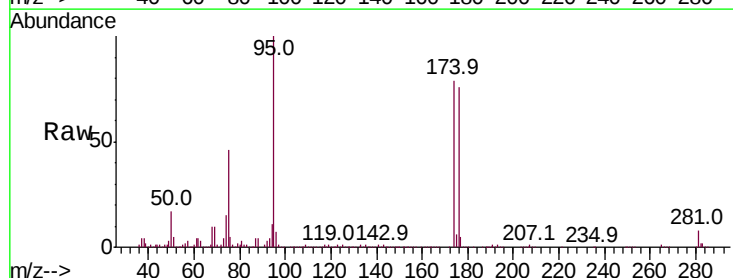
Tgt Ion: 95 Resp: 391585

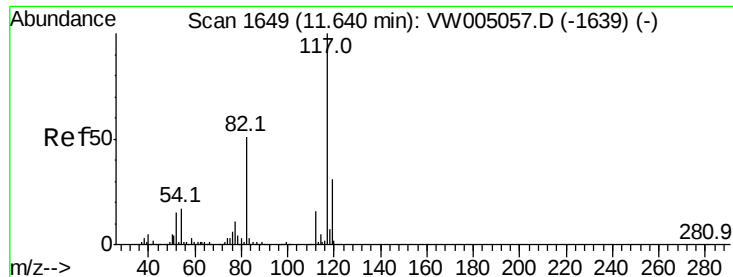
Ion Ratio Lower Upper

95 100

174 83.1 0.0 173.4

176 80.6 0.0 167.4

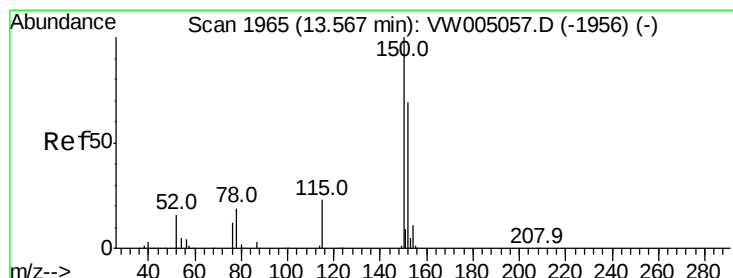
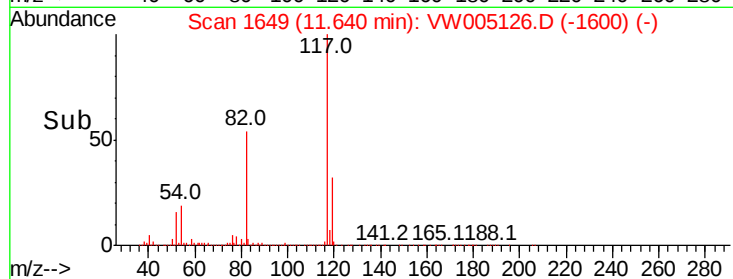
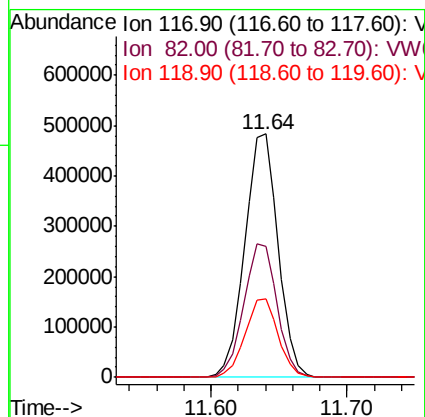
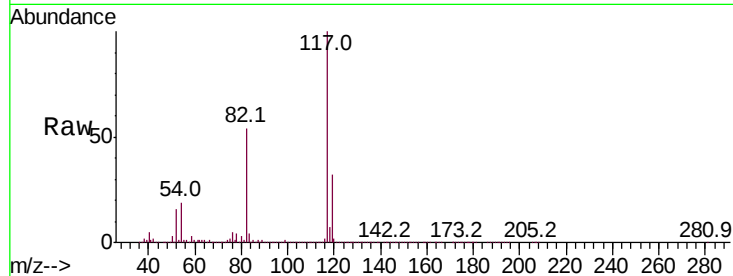




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

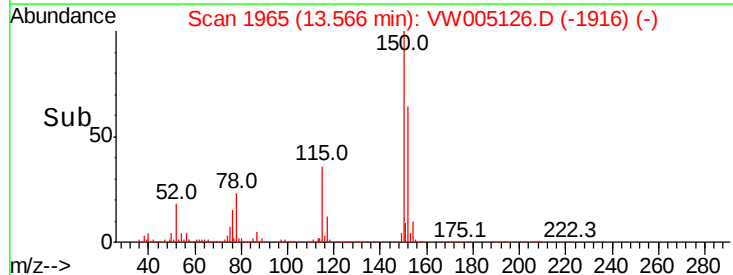
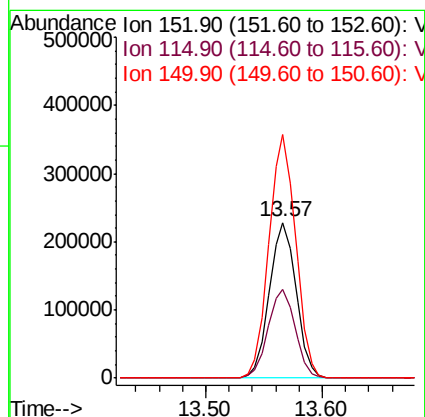
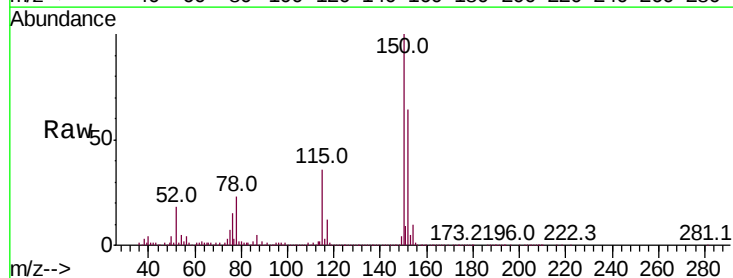
Instrument :
MSVOA_W
ClientSampleId :

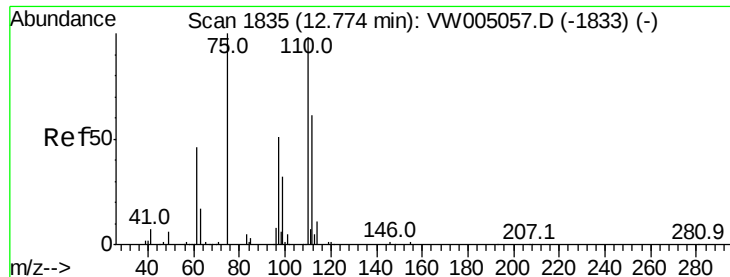
Tot Ion:117 Resp: 824752
Ion Ratio Lower Upper
117 100
82 53.6 40.9 61.3
119 32.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005126.D
Acq: 05 Sep 2018 12:46

Tgt Ion:152 Resp: 360142
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.4
150 156.4 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 66.902 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

Instrument :

MSVOA_W

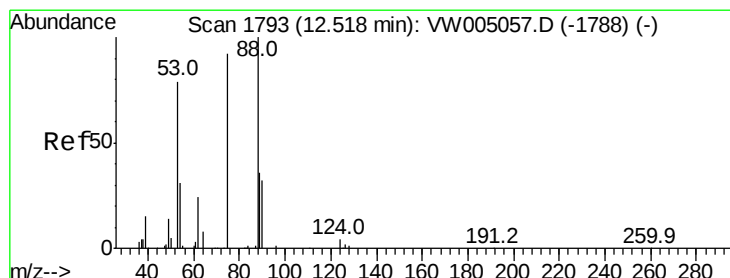
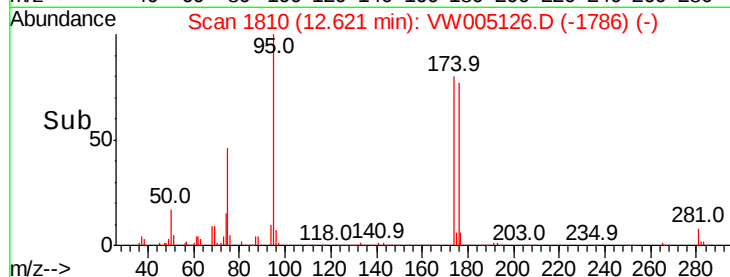
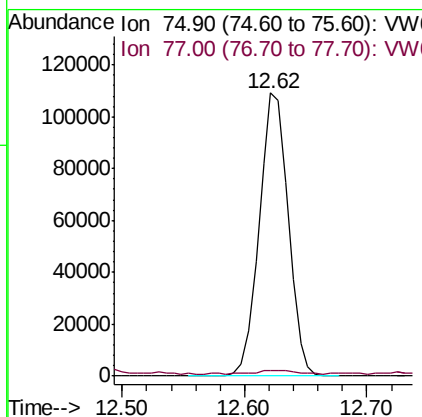
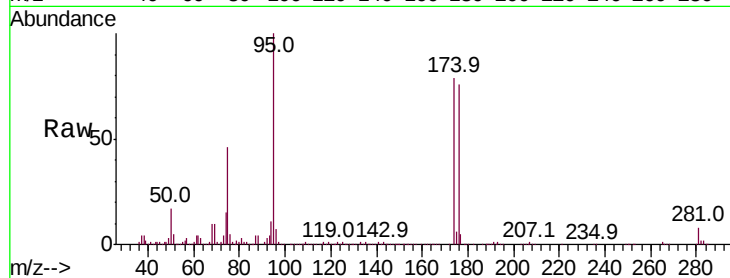
ClientSampleId :

Tot Ion: 75 Resp: 180857

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.026 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

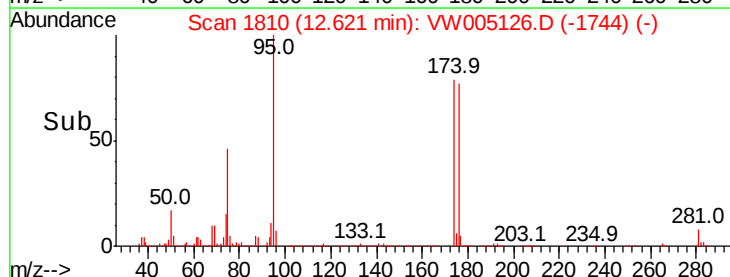
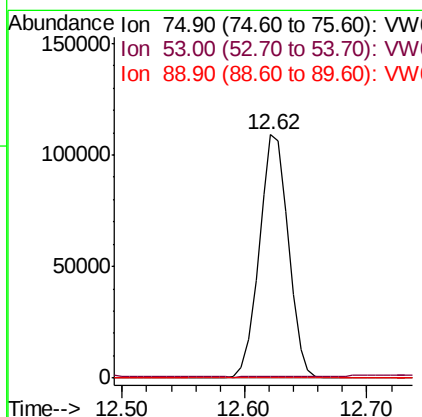
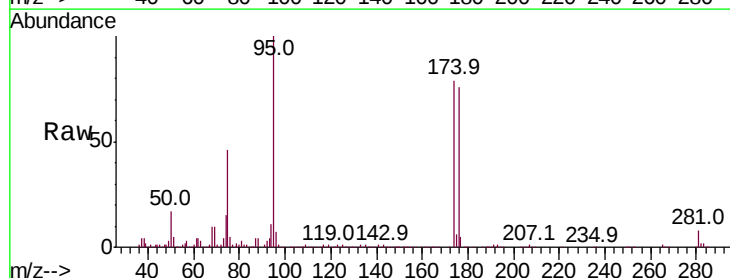
Tgt Ion: 75 Resp: 180857

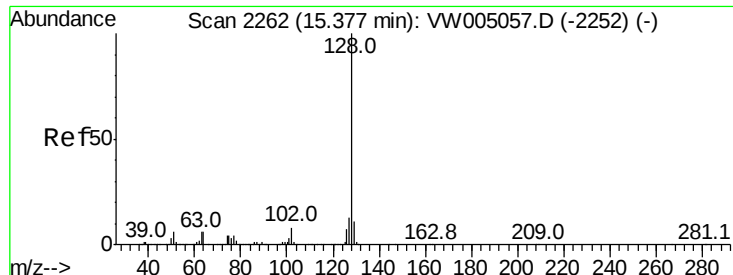
Ion Ratio Lower Upper

75 100

53 0.4 69.8 104.8#

89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.214 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW005126.D

Acq: 05 Sep 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

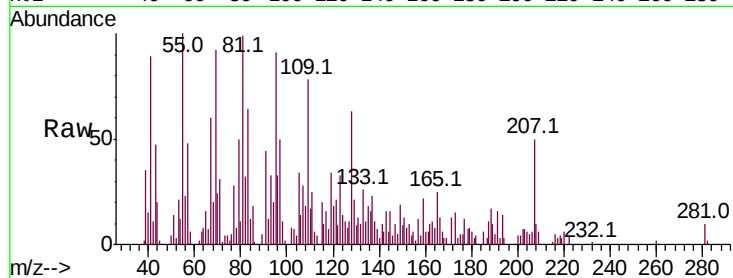
Tot Ion:128 Resp: 3312

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



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

