

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005081.D
 Acq On : 04 Sep 2018 15:58
 Operator : SY/AP
 Sample : J4756-01
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 16:46:26 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

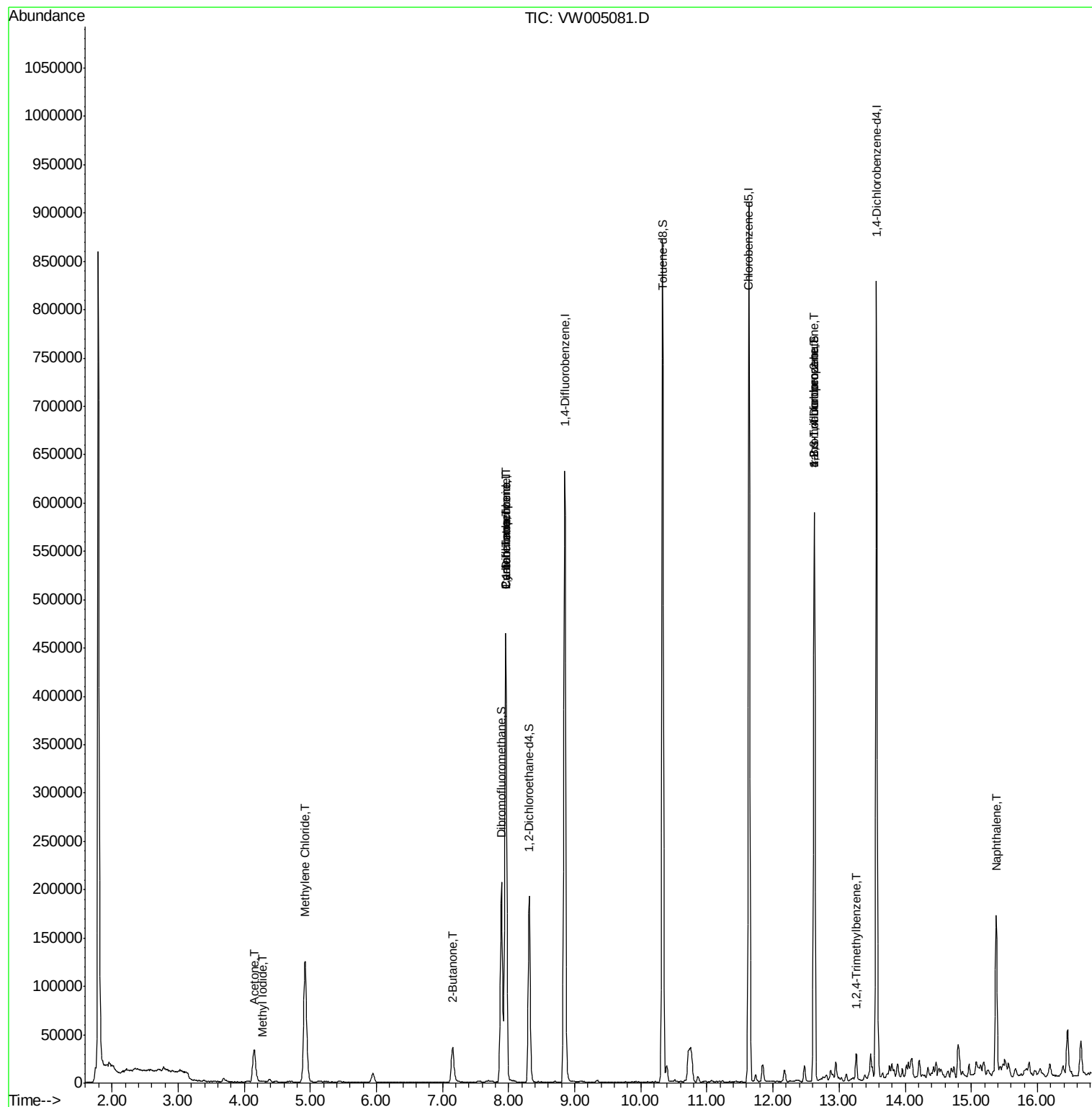
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	387570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	569098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	547448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149288	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	7.89	113	148185	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	10.33	98	599957	39.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.18%	
62) 4-Bromofluorobenzene	12.62	95	191796	35.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.78%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	573	Below Cal		85
10) Methyl Iodide	4.28	142	1167	4.030 ug/l #		78
11) Tert butyl alcohol	5.20	59	253	Below Cal #		72
16) Acetone	4.15	43	66677	103.485 ug/l		91
20) Methylene Chloride	4.92	84	104720	21.869 ug/l		96
25) 2-Butanone	7.15	43	1800	1.611 ug/l #		78
31) Cyclohexane	7.95	56	6392	1.013 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	24913	4.596 ug/l #		48
38) Carbon Tetrachloride	7.96	117	33210	6.444 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	87207	49.114 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	87207	118.212 ug/l #		15
84) 1,2,4-Trimethylbenzene	13.26	105	15637	1.064 ug/l		96
95) Naphthalene	15.38	128	152885	20.478 ug/l		100

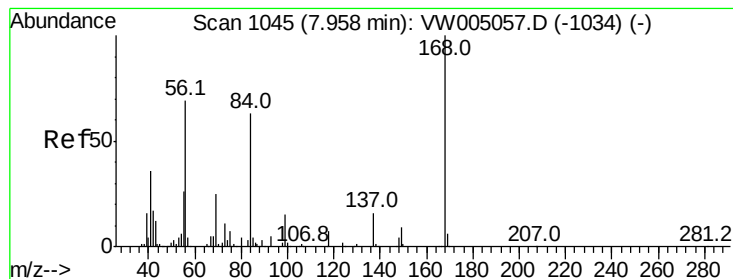
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005081.D

Acq: 04 Sep 2018 15:58

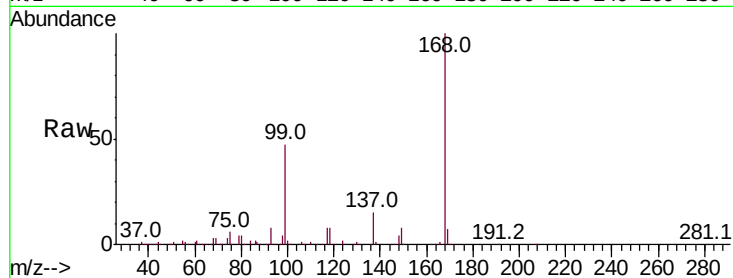
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 387570

Ion Ratio Lower Upper

168 100

99 47.0 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

200000

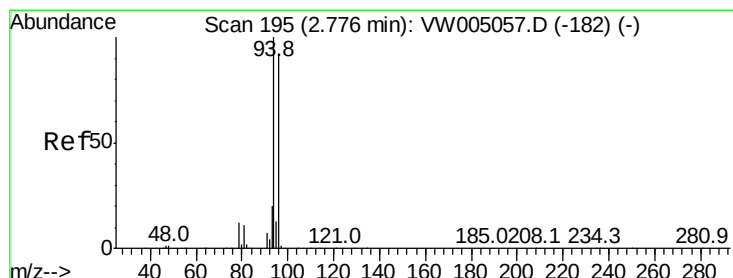
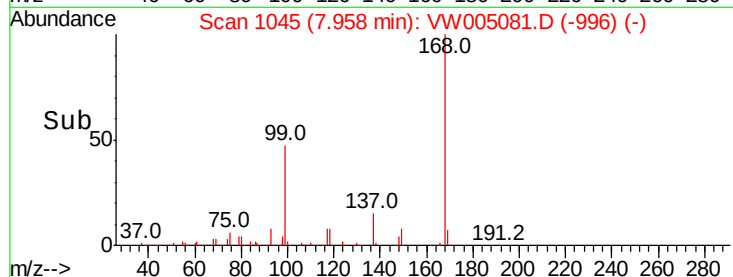
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005081.D

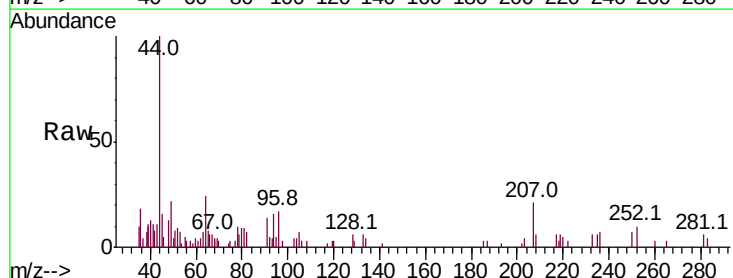
Acq: 04 Sep 2018 15:58

Tgt Ion: 94 Resp: 573

Ion Ratio Lower Upper

94 100

96 105.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

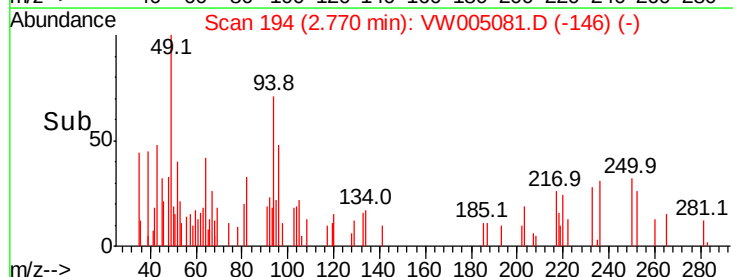
300

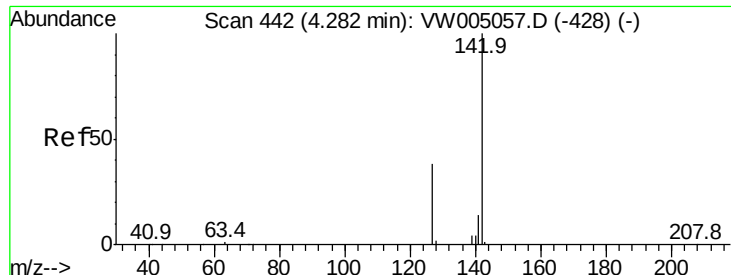
200

100

0

Time-->

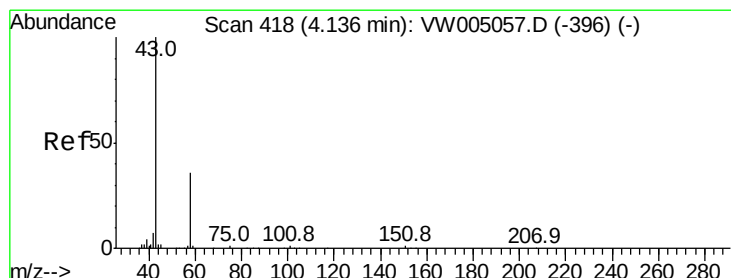
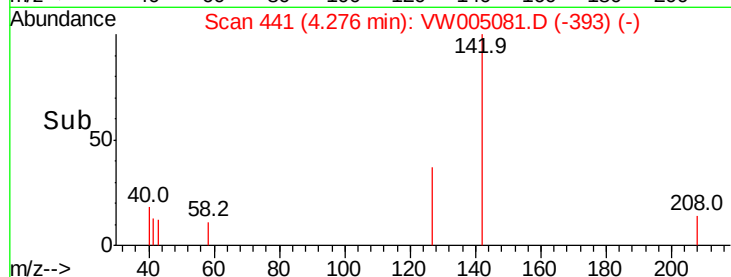
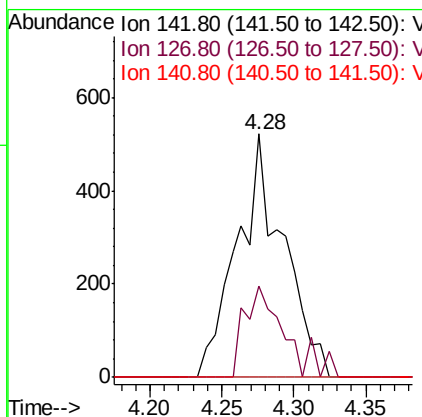
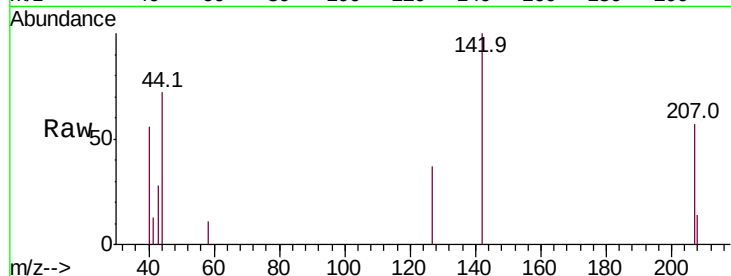




#10
Methvl Iodide
Concen: 4.030 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

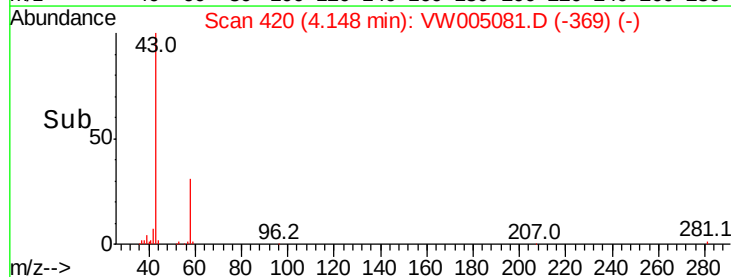
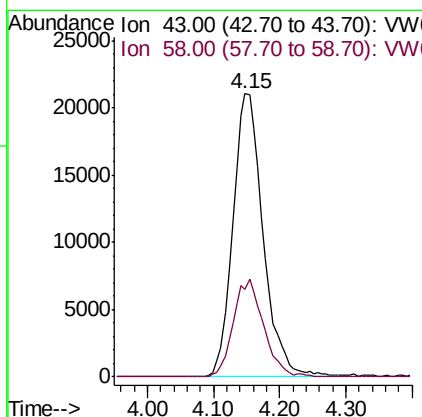
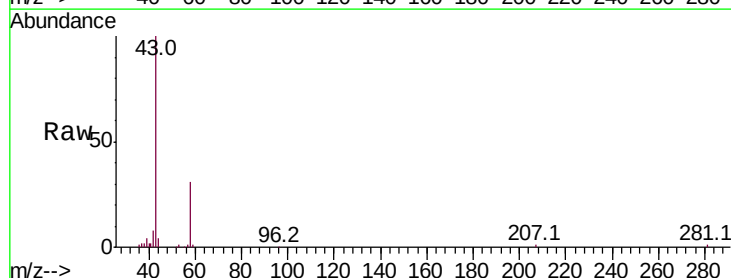
Instrument :
MSVOA_W
ClientSampleId :

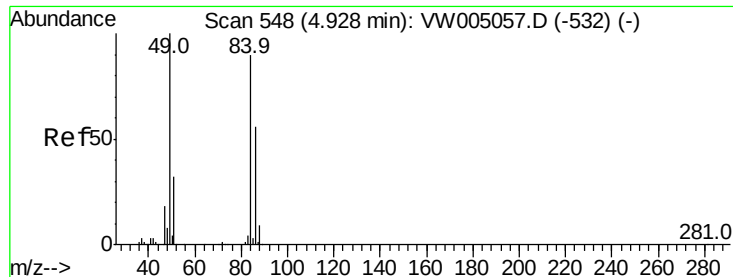
Tot Ion:142 Resp: 1167
Ion Ratio Lower Upper
142 100
127 28.3 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 103.485 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

Tgt Ion: 43 Resp: 66677
Ion Ratio Lower Upper
43 100
58 30.8 29.0 43.6

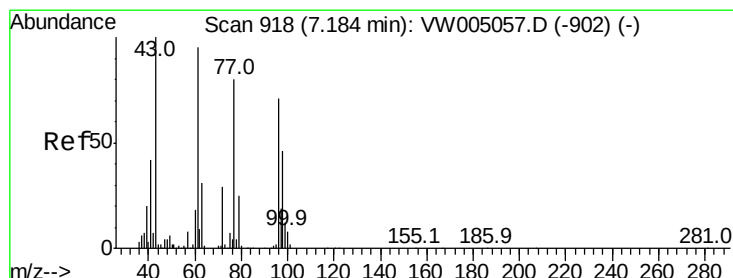
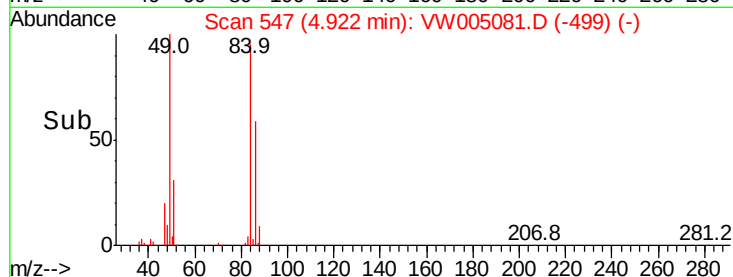
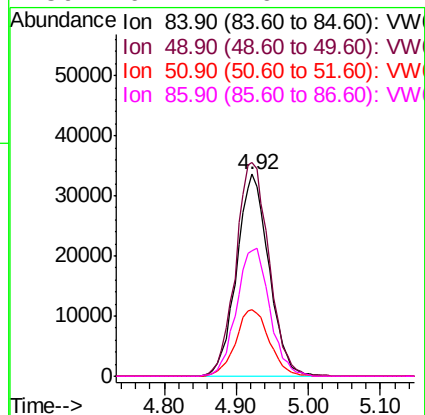
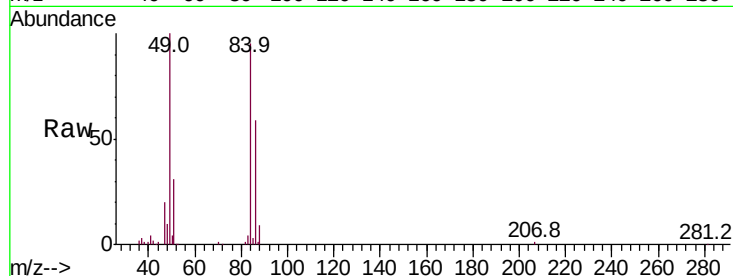




#20
Methvlene Chloride
Concen: 21.869 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

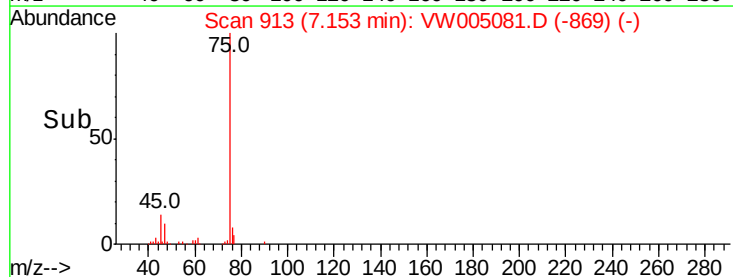
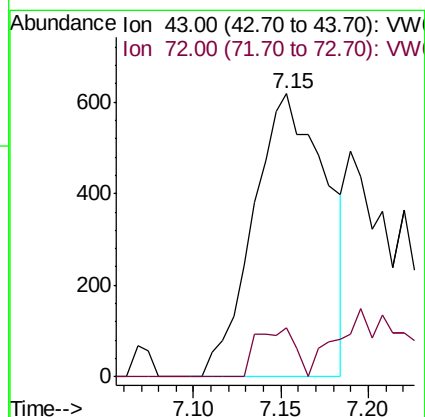
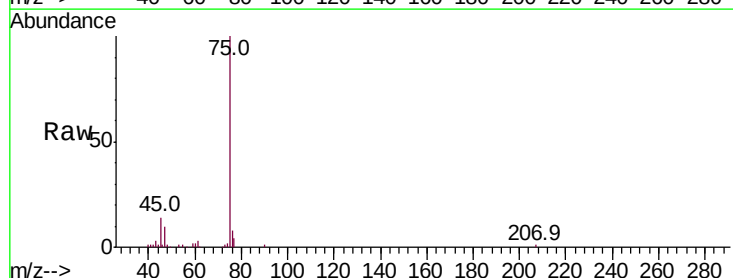
Instrument :
MSVOA_W
ClientSampled :

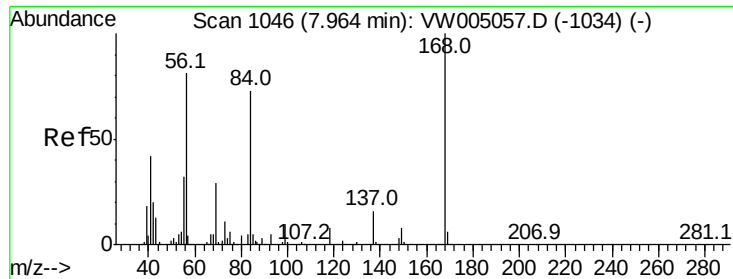
Tot Ion:	84	Resp:	104720
Ion	Ratio	Lower	Upper
84	100		
49	105.8	88.7	133.1
51	33.0	28.6	42.8
86	62.4	49.4	74.2



#25
2-Butanone
Concen: 1.611 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

Tgt Ion:	43	Resp:	1800
Ion	Ratio	Lower	Upper
43	100		
72	17.2	23.1	34.7#

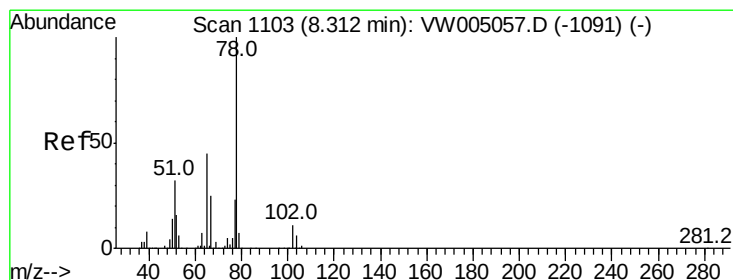
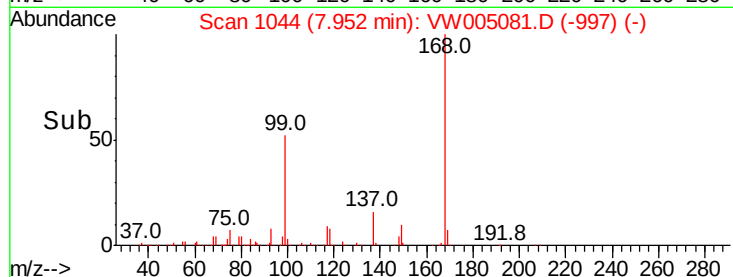
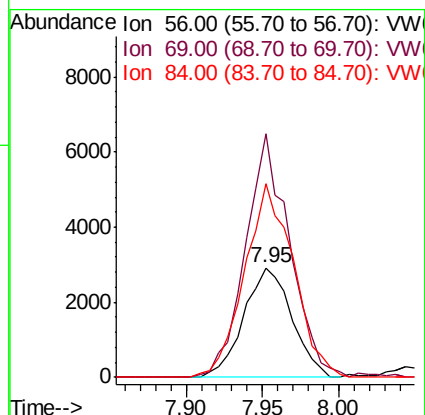
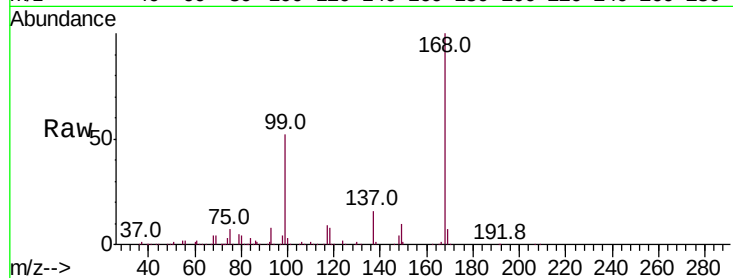




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

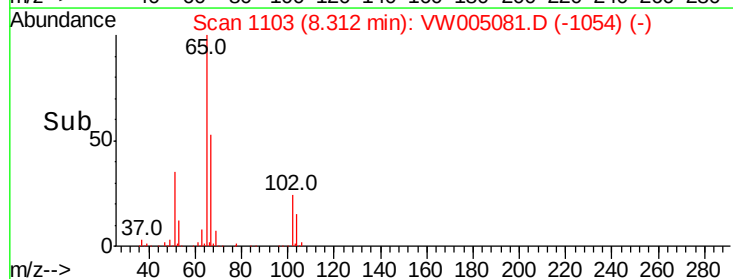
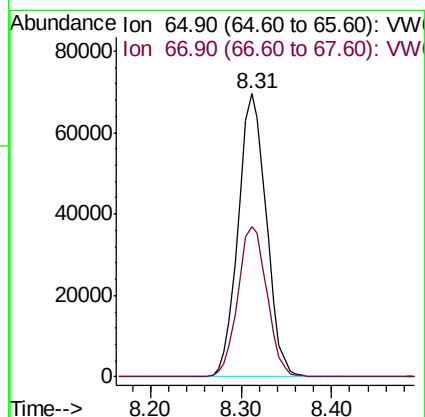
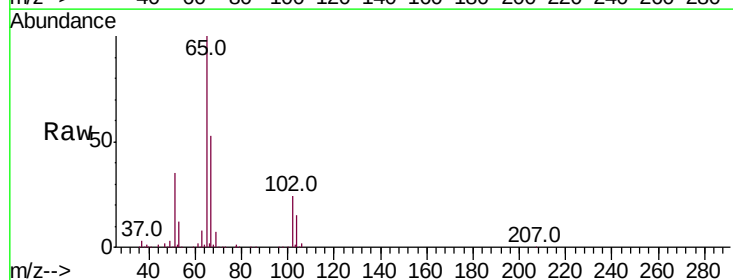
Instrument :
MSVOA_W
ClientSampleId :

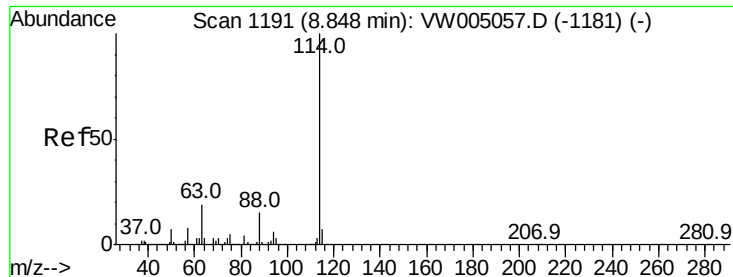
Tot Ion: 56 Resp: 6392
Ion Ratio Lower Upper
56 100
69 221.9 28.2 42.2#
84 176.8 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 46.467 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

Tgt Ion: 65 Resp: 149288
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.4

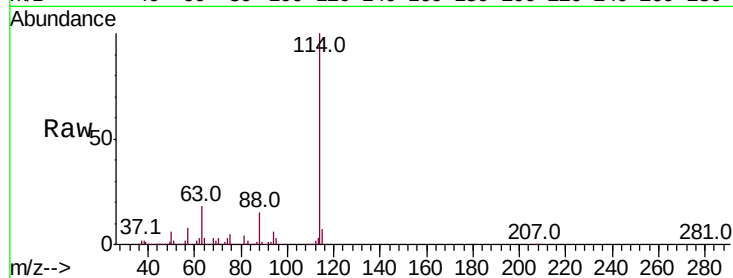




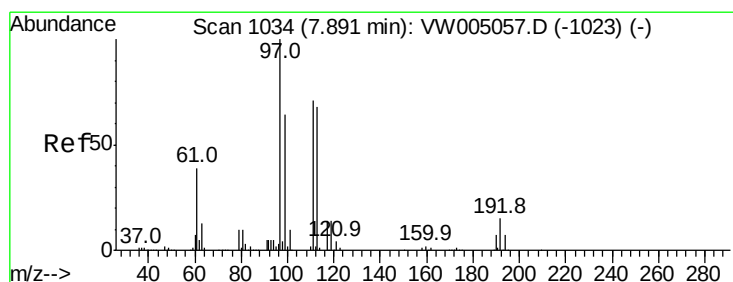
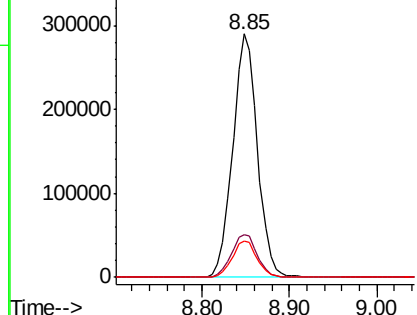
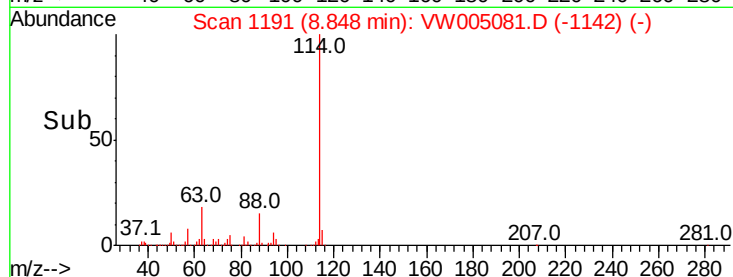
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005081.D
 Acq: 04 Sep 2018 15:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	38.0
88	15.1	0.0	30.2

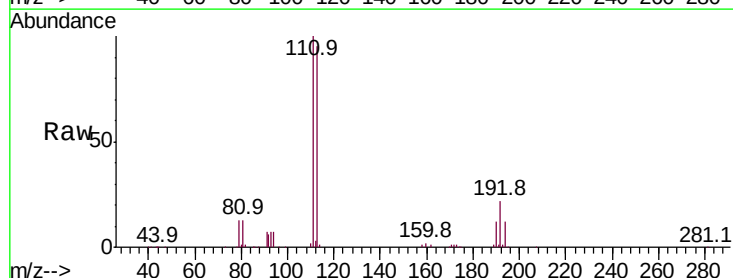


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

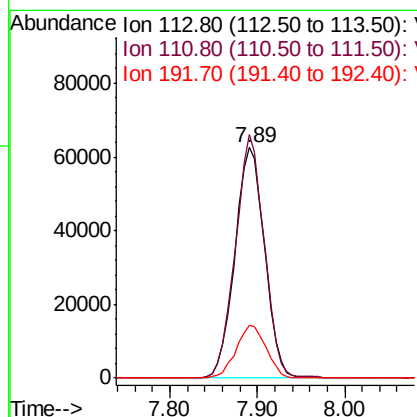
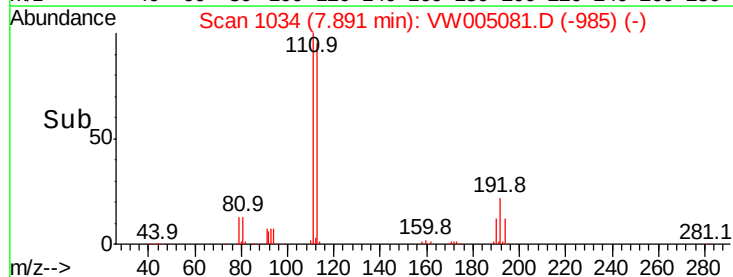


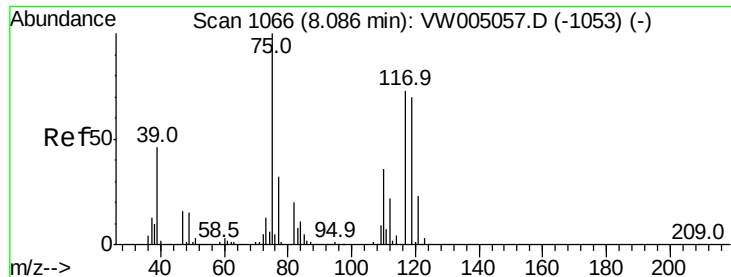
#35
 Dibromofluoromethane
 Concen: 45.058 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005081.D
 Acq: 04 Sep 2018 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.1	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: 4.596 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005081.D

Acq: 04 Sep 2018 15:58

Instrument :

MSVOA_W

ClientSampleId :

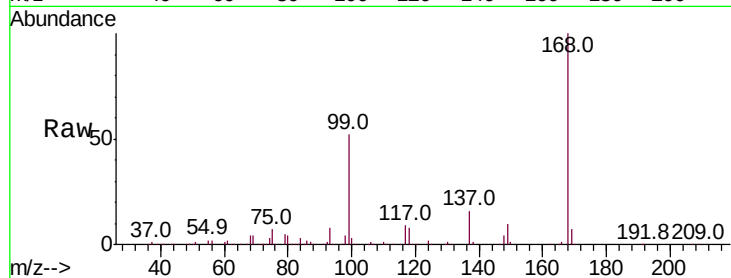
Tot Ion: 75 Resp: 24913

Ion Ratio Lower Upper

75 100

110 9.0 18.9 56.7#

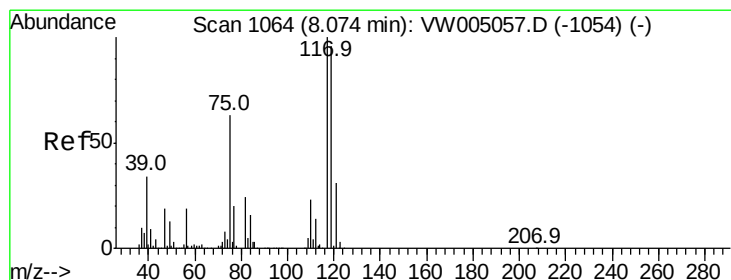
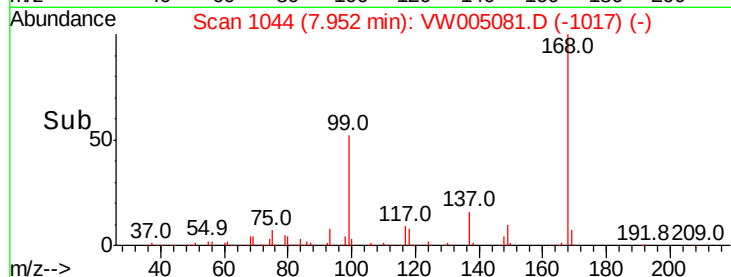
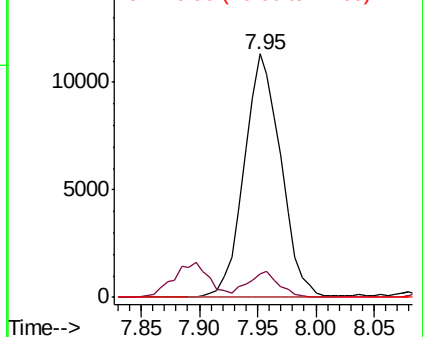
77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005081.D

Acq: 04 Sep 2018 15:58

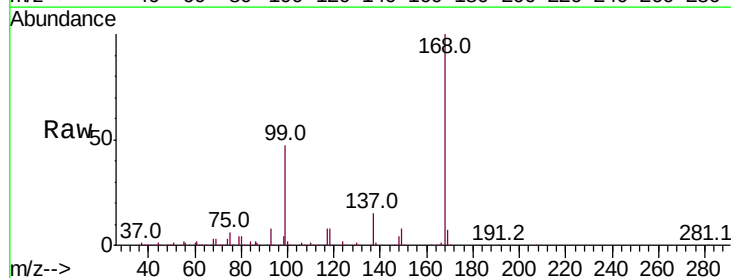
Tgt Ion: 117 Resp: 33210

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

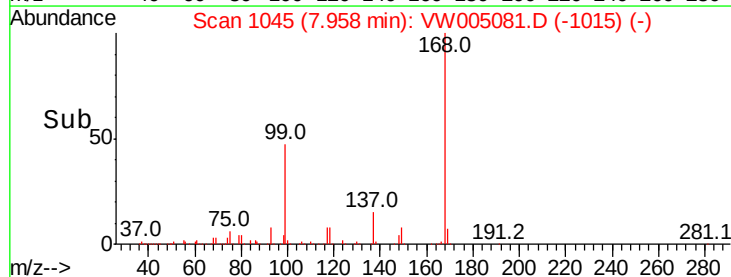
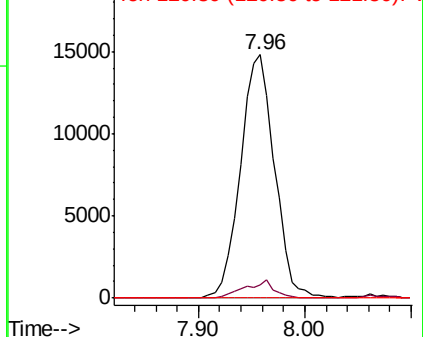
121 0.0 24.8 37.2#

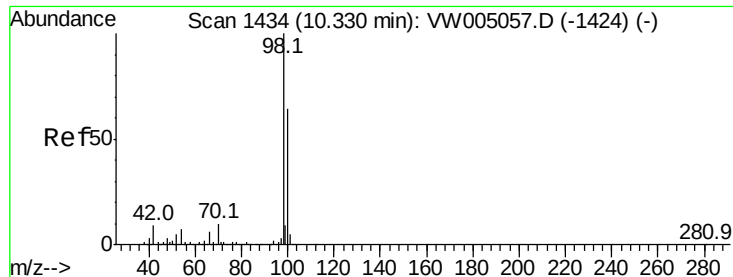


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

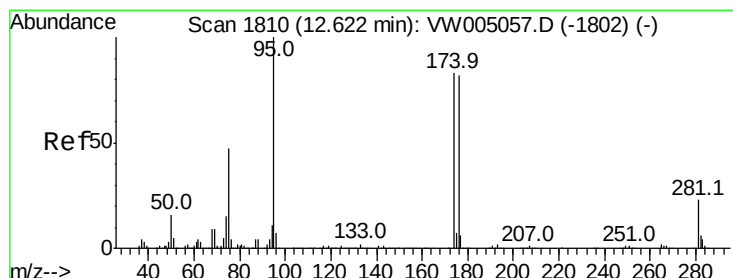
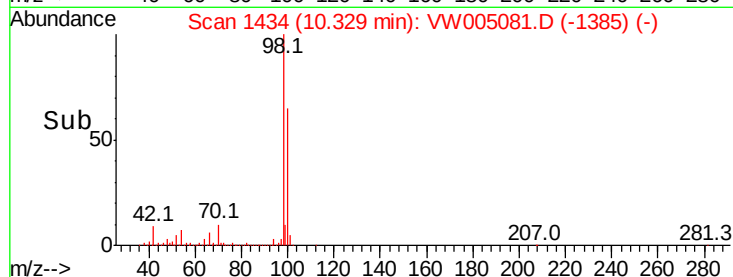
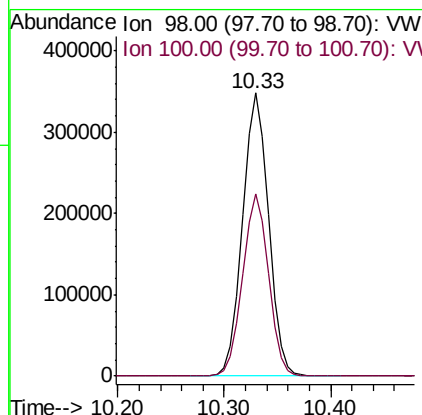
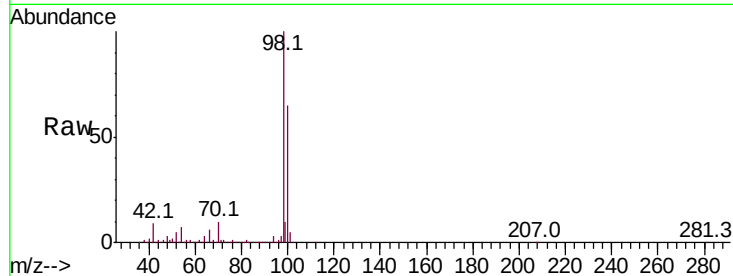




#50
Toluene-d8
Concen: 39.591 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

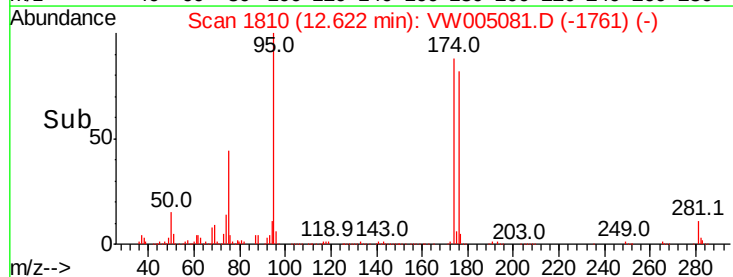
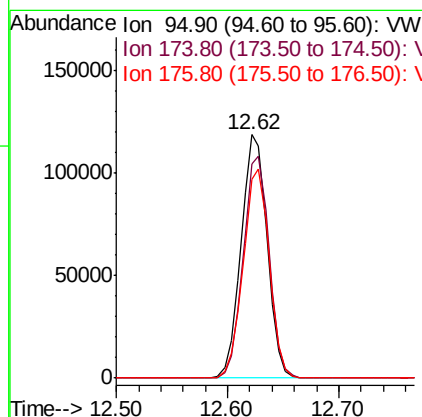
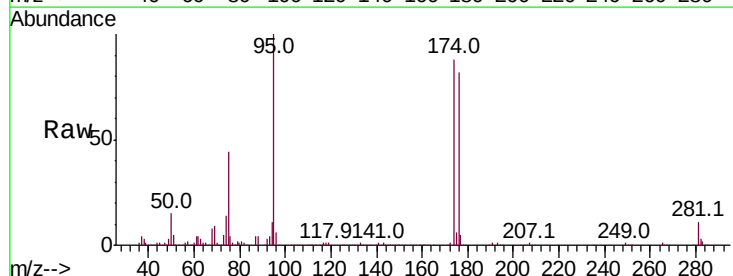
Instrument :
MSVOA_W
ClientSampleId :

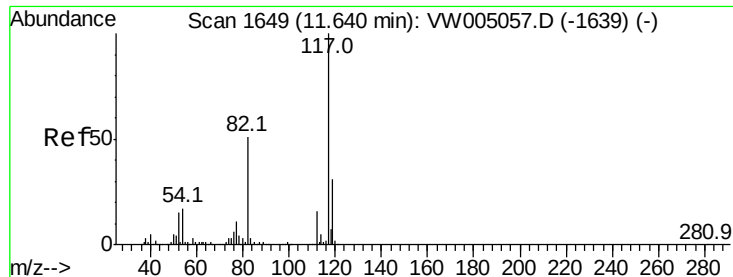
Tot Ion: 98 Resp: 599957
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 35.894 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

Tgt Ion: 95 Resp: 191796
Ion Ratio Lower Upper
95 100
174 90.9 0.0 173.4
176 86.3 0.0 167.4

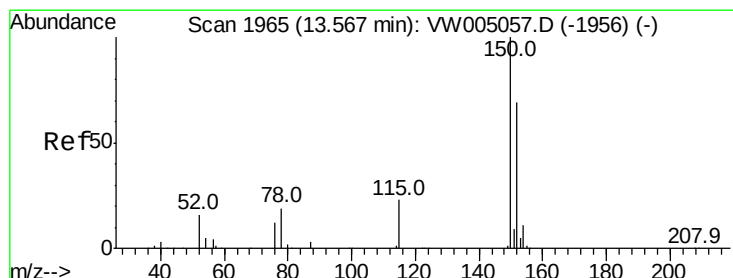
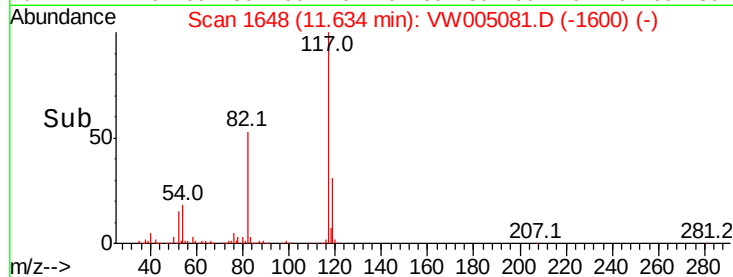
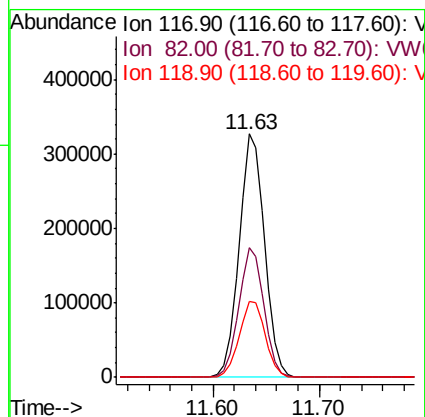
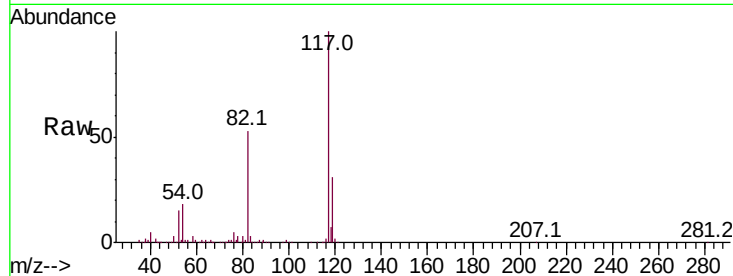




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

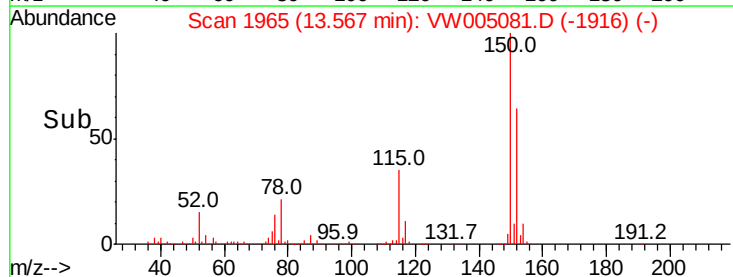
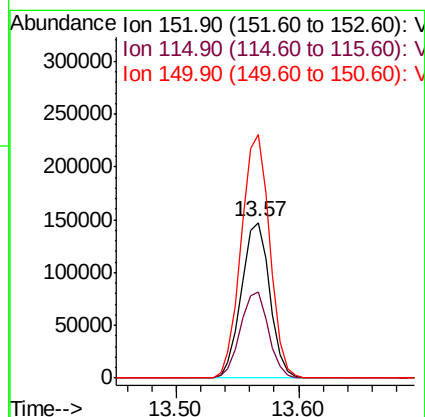
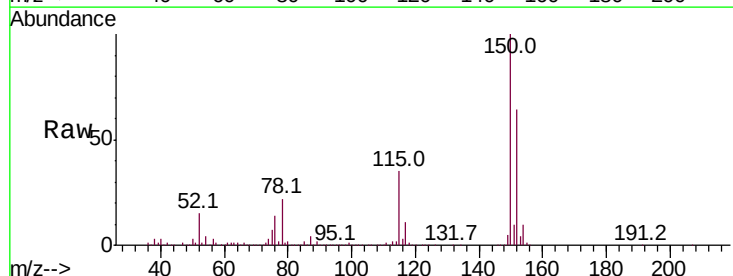
Instrument :
MSVOA_W
ClientSampled :

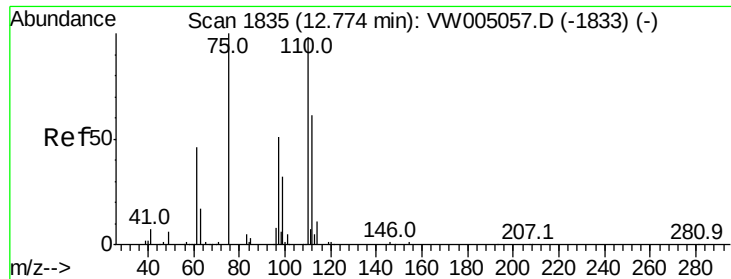
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.9	61.3
119	31.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005081.D
Acq: 04 Sep 2018 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.4
150	157.0	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 49.114 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005081.D

Acq: 04 Sep 2018 15:58

Instrument :

MSVOA_W

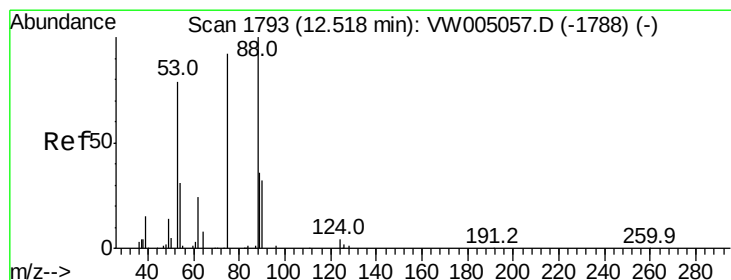
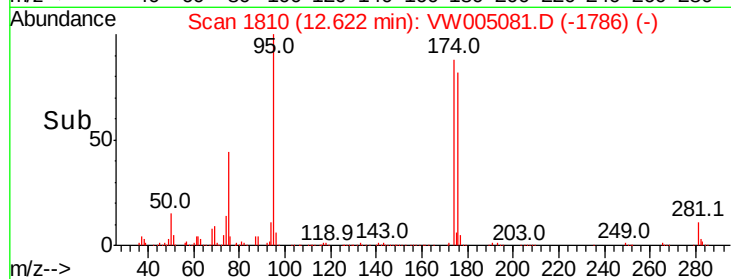
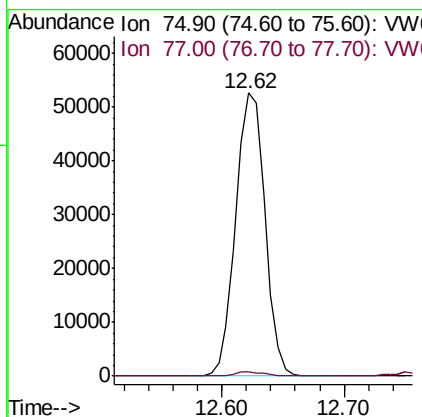
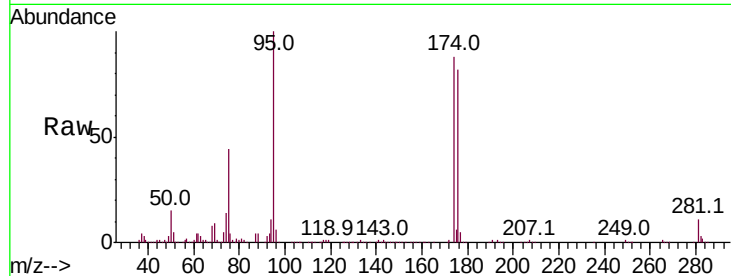
ClientSampleId :

Tot Ion: 75 Resp: 87207

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.212 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005081.D

Acq: 04 Sep 2018 15:58

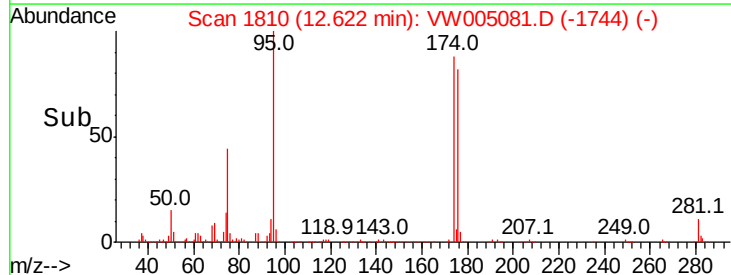
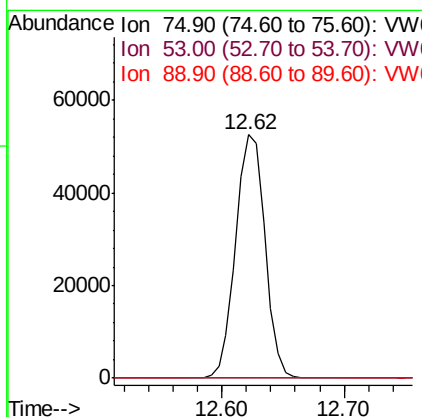
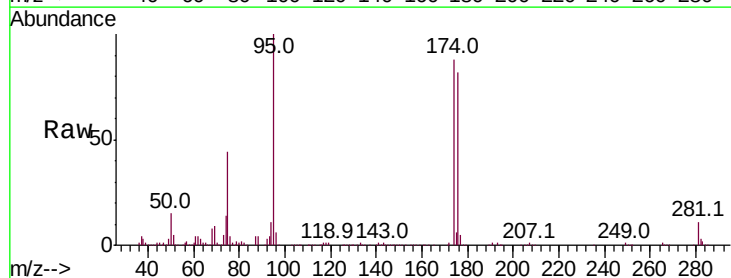
Tgt Ion: 75 Resp: 87207

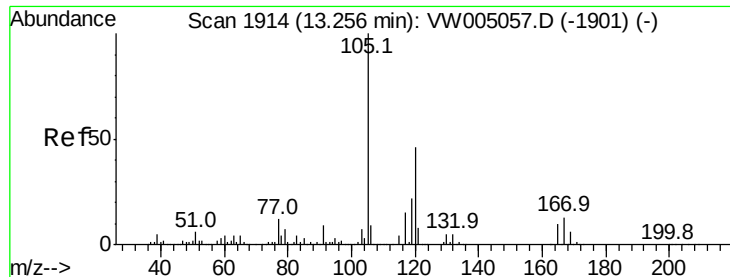
Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.1 36.0 54.0#

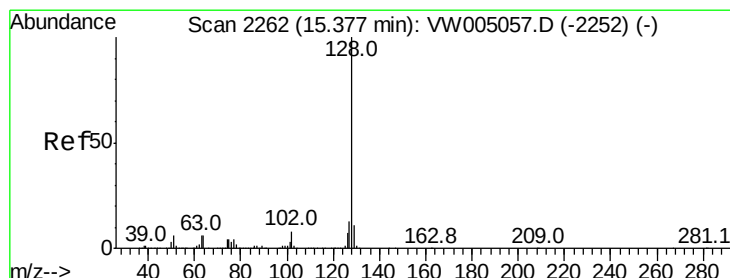
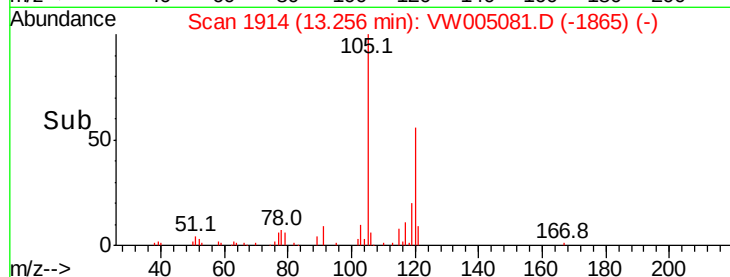
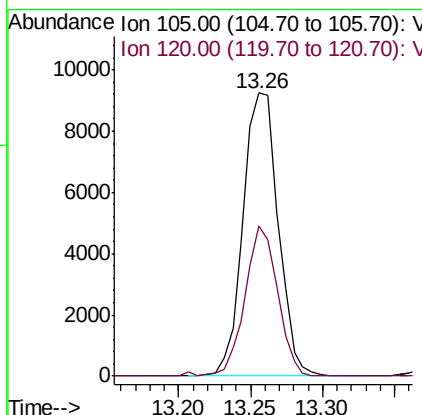
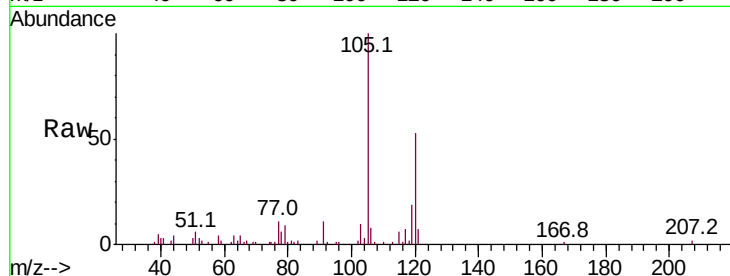




#84
 1,2,4-Trimethylbenzene
 Concen: 1.064 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005081.D
 Acq: 04 Sep 2018 15:58

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:105 Resp: 15637
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.1 69.3



#95
 Naphthalene
 Concen: 20.478 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005081.D
 Acq: 04 Sep 2018 15:58

Tgt Ion:128 Resp: 152885
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.0 8.7 13.1

