

Data File : VW005105.D
Acq On : 05 Sep 2018 03:52
Operator : SY/AP
Sample : J4761-01
Misc : 6.69G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RT-4005

Quant Time: Sep 05 05:19:48 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	484499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	736447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	710476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	331440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134021	33.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.74%	
35) Dibromofluoromethane	7.89	113	133726	31.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.84%	
50) Toluene-d8	10.33	98	501609	25.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.16%	
62) 4-Bromofluorobenzene	12.62	95	171752	24.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.68%	

Target Compounds

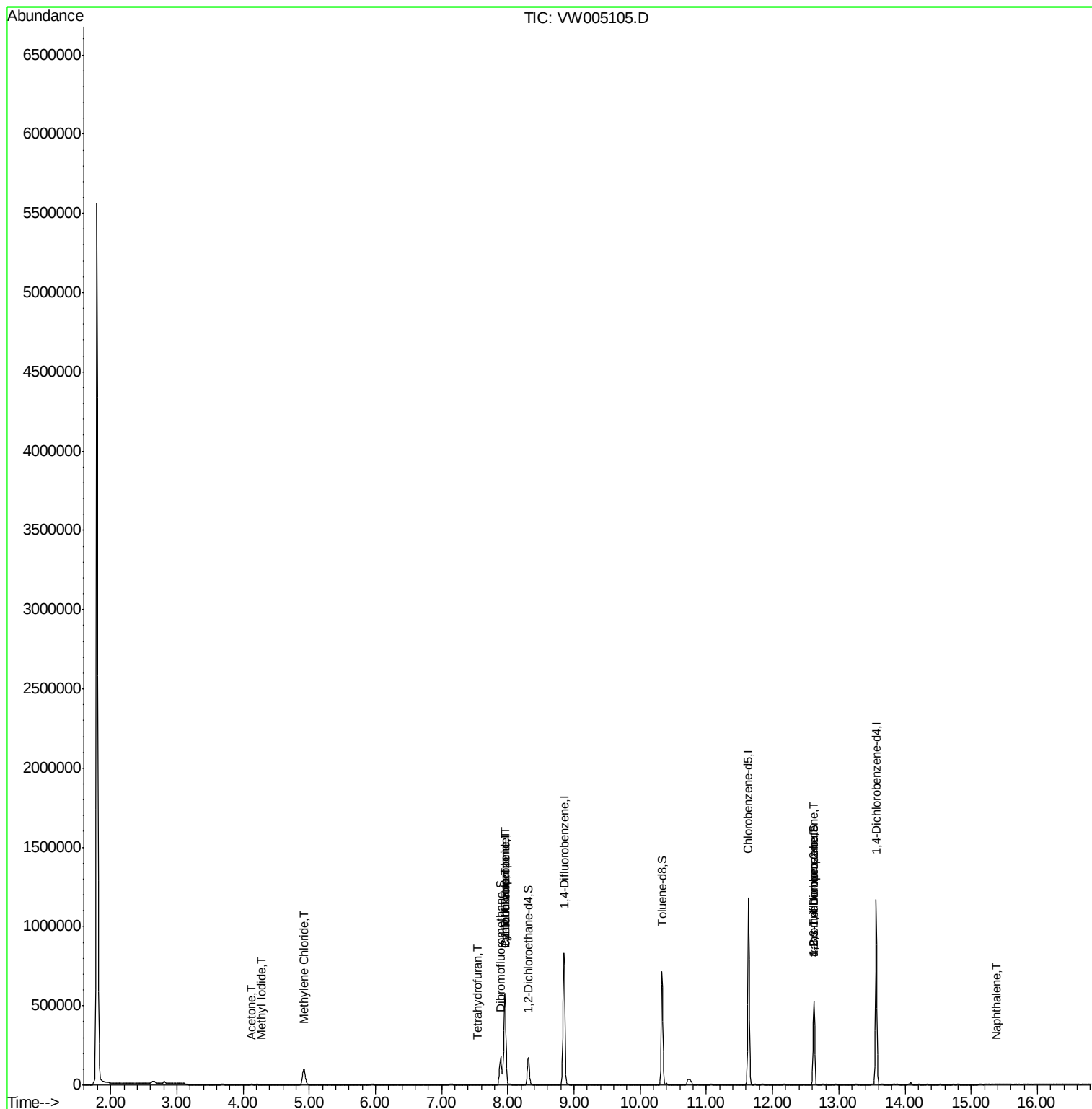
						Qvalue
5) Bromomethane	2.76	94	635	Below Cal	#	78
10) Methyl Iodide	4.28	142	1388	4.020	ug/l #	75
11) Tert butyl alcohol	5.18	59	369	Below Cal	#	94
16) Acetone	4.14	43	5676	7.047	ug/l	95
20) Methylene Chloride	4.92	84	82613	12.243	ug/l	98
29) Tetrahydrofuran	7.54	42	811	1.136	ug/l #	79
31) Cyclohexane	7.96	56	8154	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	31694	4.519	ug/l #	48
38) Carbon Tetrachloride	7.95	117	42992	6.446	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	78269	31.460	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78269	75.722	ug/l #	15
95) Naphthalene	15.38	128	2873	4.201	ug/l #	92

(#) = 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: VW005105.D

Acq: 05 Sep 2018 03:52

Instrument :

MSVOA_W

ClientSampleId :

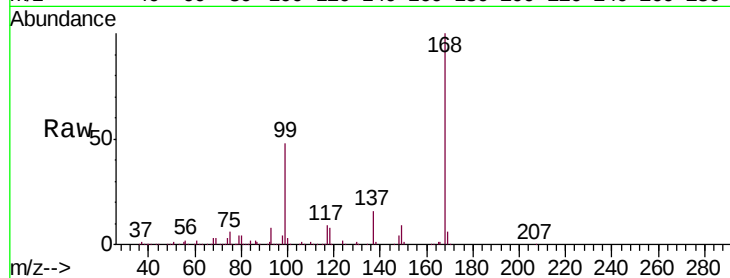
RT-4005

Tgt Ion:168 Resp: 484499

Ion Ratio Lower Upper

168 100

99 48.1 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

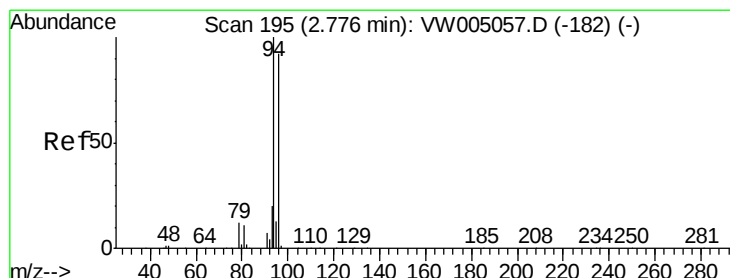
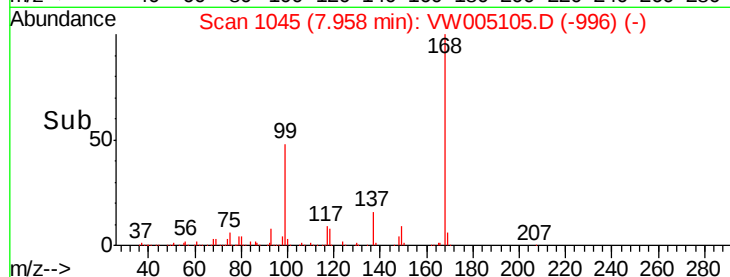
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005105.D

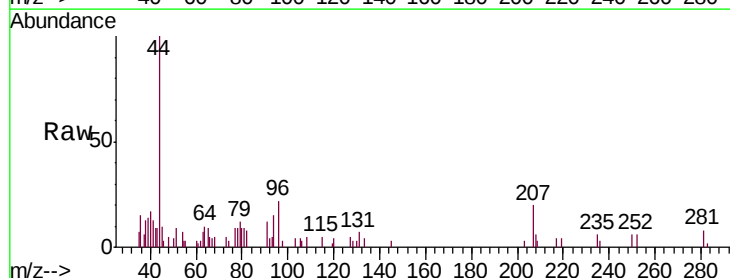
Acq: 05 Sep 2018 03:52

Tgt Ion: 94 Resp: 635

Ion Ratio Lower Upper

94 100

96 112.1 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

600

500

400

300

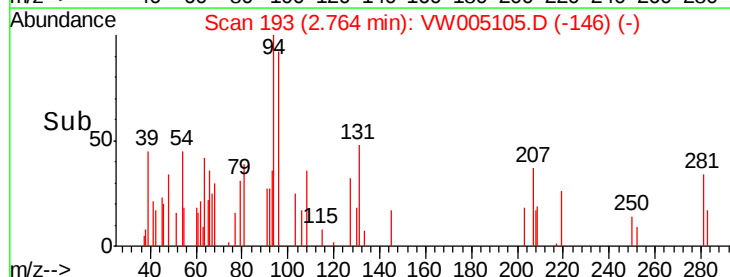
200

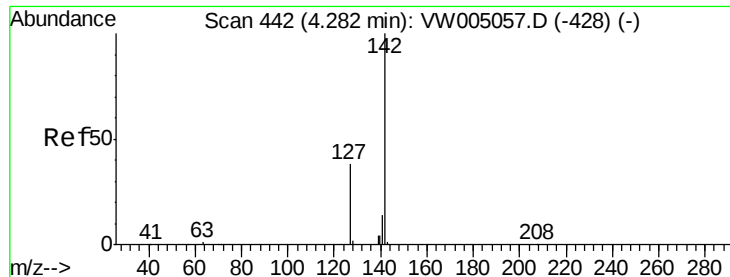
100

0

Time-->

2.70 2.75 2.80

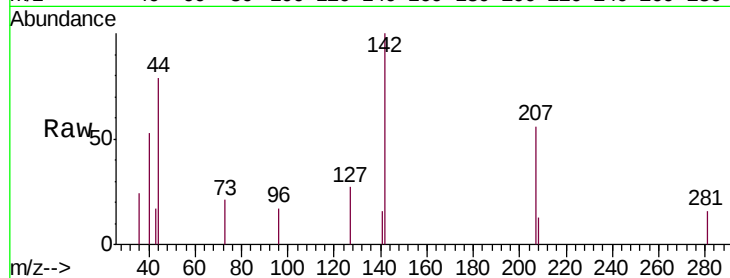




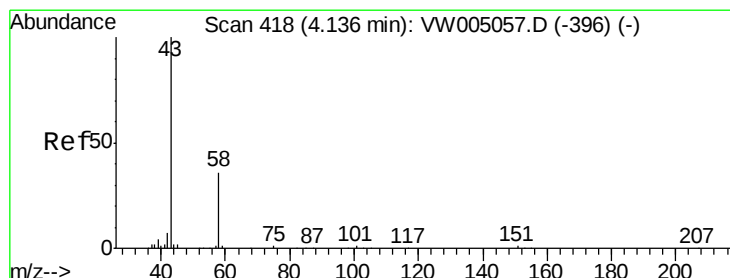
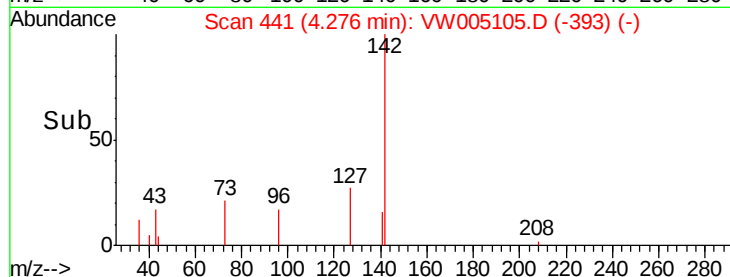
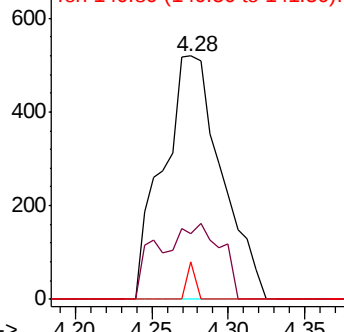
#10
Methyl Iodide
Concen: 4.020 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Instrument :
MSVOA_W
ClientSampleId :
RT-4005

Tgt Ion:142 Resp: 1388
Ion Ratio Lower Upper
142 100
127 24.1 30.8 46.2#
141 2.2 11.6 17.4#

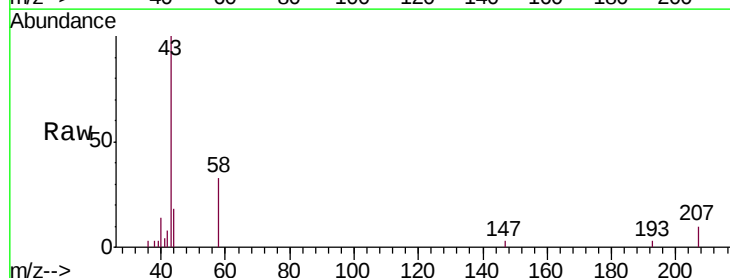


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

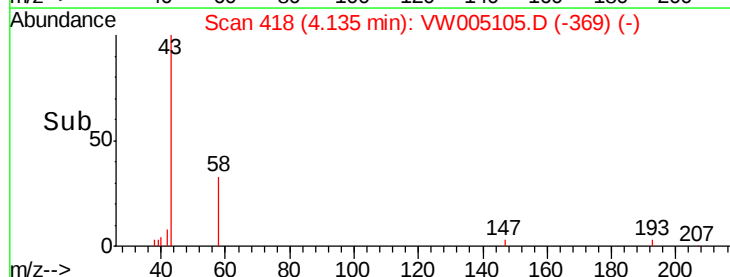
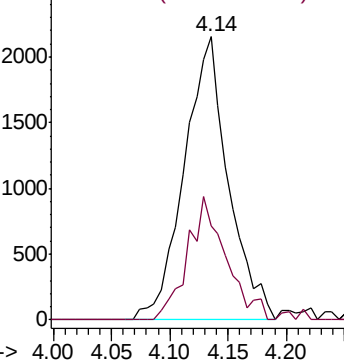


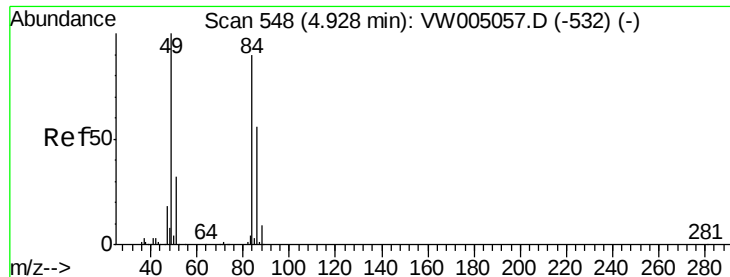
#16
Acetone
Concen: 7.047 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Tgt Ion: 43 Resp: 5676
Ion Ratio Lower Upper
43 100
58 33.3 29.0 43.6



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

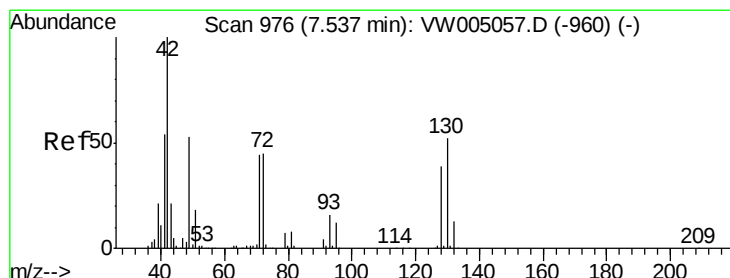
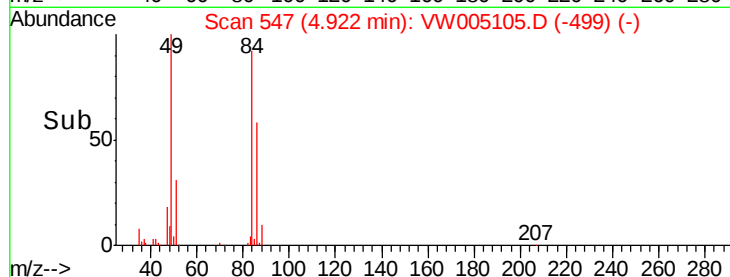
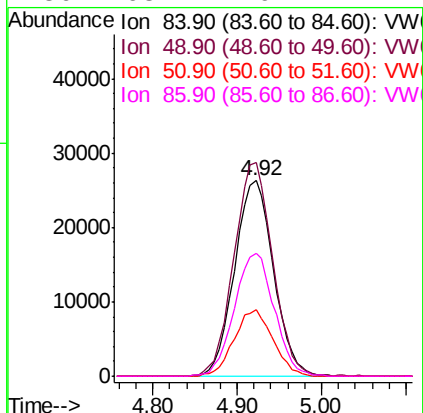
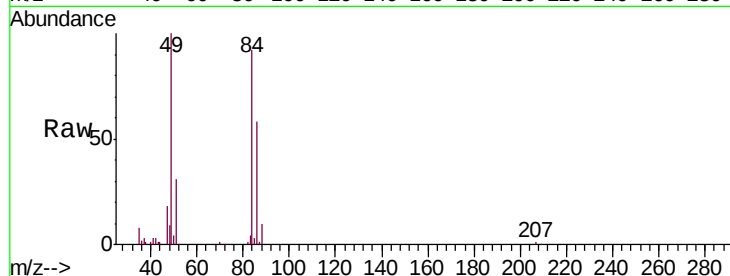




#20
Methylene Chloride
Concen: 12.243 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

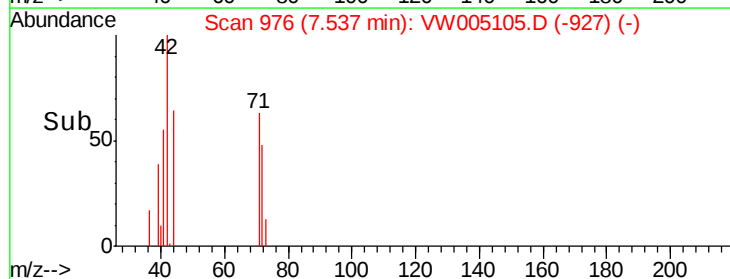
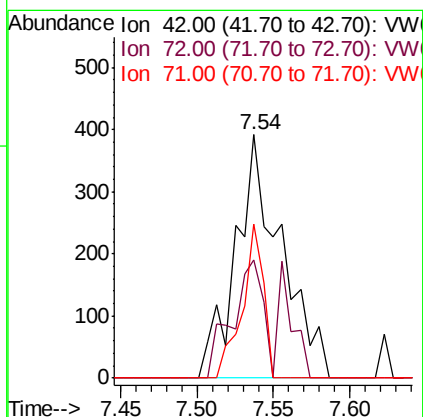
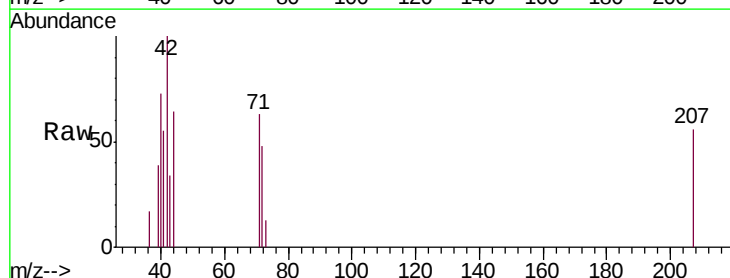
Instrument :
MSVOA_W
ClientSampleId :
RT-4005

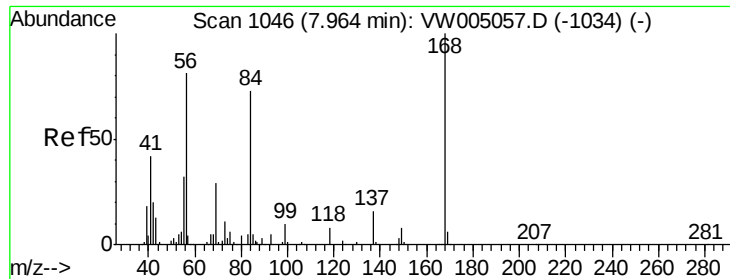
Tgt Ion:	84	Resp:	82613
Ion	Ratio	Lower	Upper
84	100		
49	109.1	88.7	133.1
51	34.2	28.6	42.8
86	63.2	49.4	74.2



#29
Tetrahydrofuran
Concen: 1.136 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Tgt Ion:	42	Resp:	811
Ion	Ratio	Lower	Upper
42	100		
72	33.0	37.0	55.4#
71	28.9	35.0	52.6#

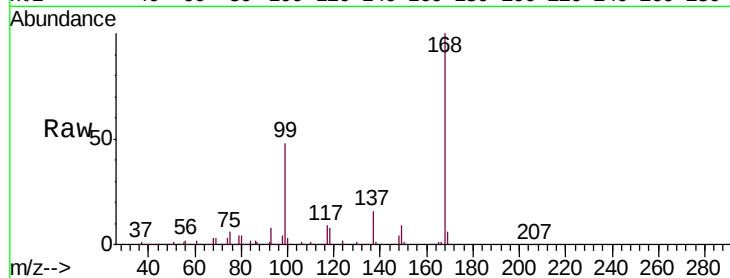




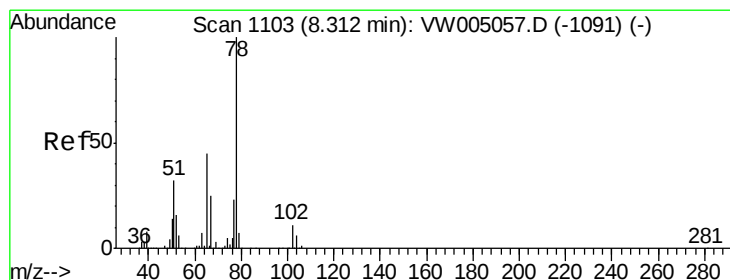
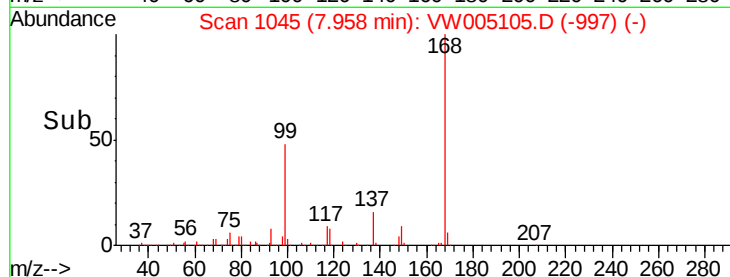
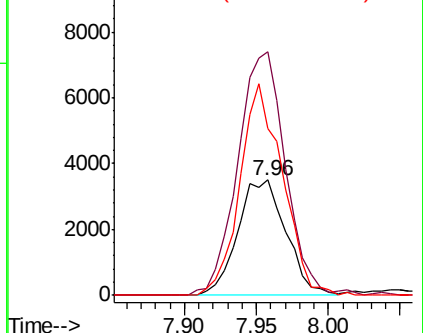
#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Instrument :
MSVOA_W
ClientSampled :
RT-4005

Tgt Ion: 56 Resp: 8154
Ion Ratio Lower Upper
56 100
69 211.3 28.2 42.2#
84 145.3 71.8 107.8#

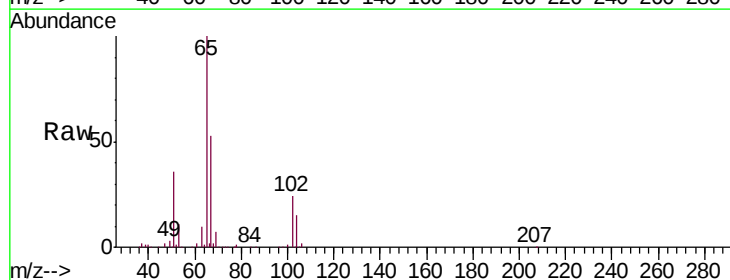


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

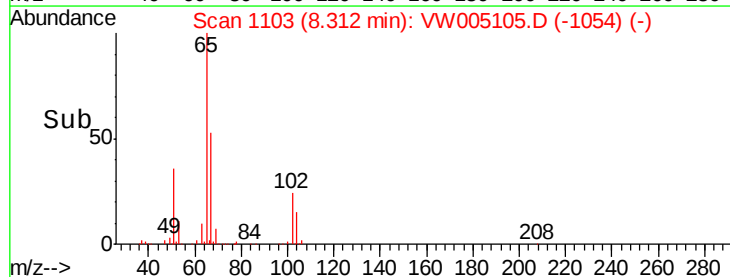
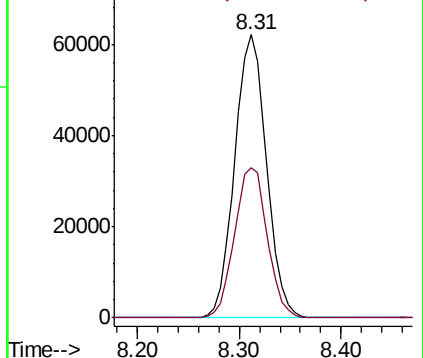


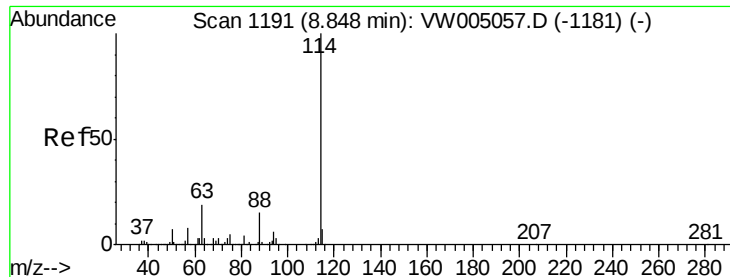
#33
1,2-Dichloroethane-d4
Concen: 33.369 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Tgt Ion: 65 Resp: 134021
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

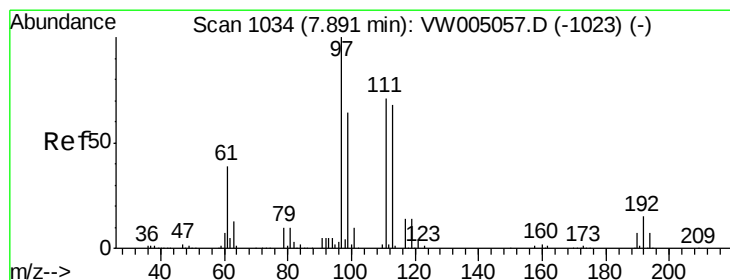
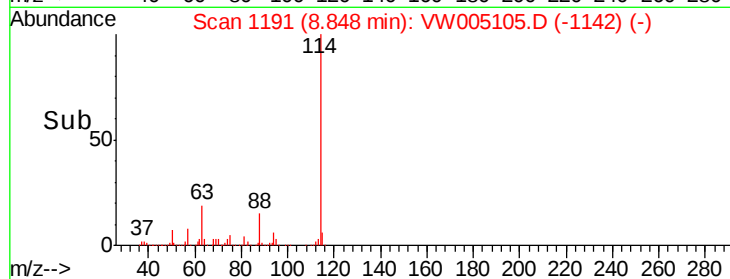
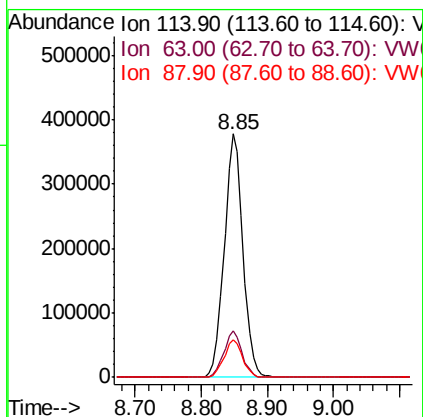
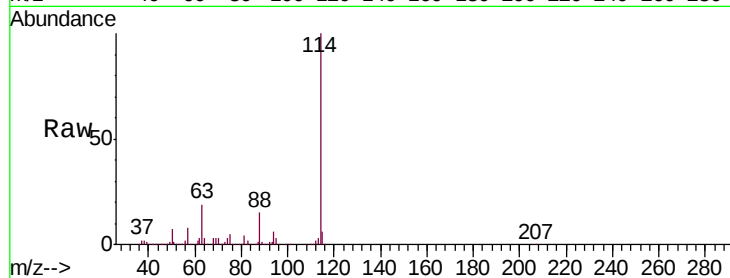




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005105.D
 Acq: 05 Sep 2018 03:52

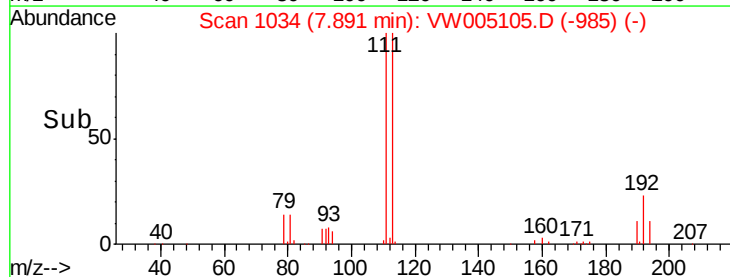
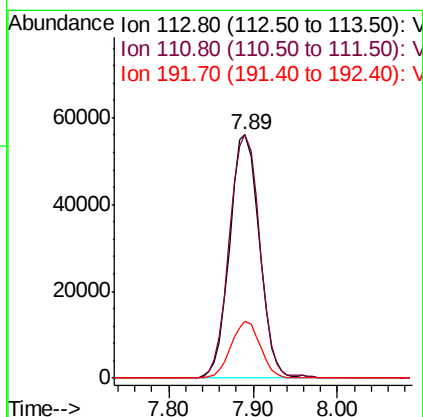
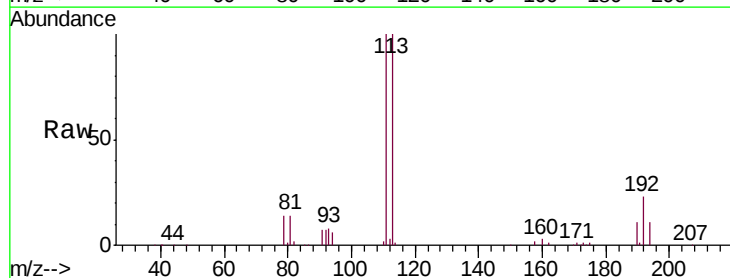
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-4005

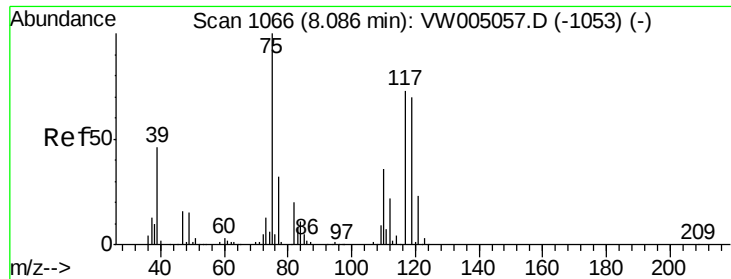
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.0
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 31.422 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005105.D
 Acq: 05 Sep 2018 03:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	23.0	18.1	27.1

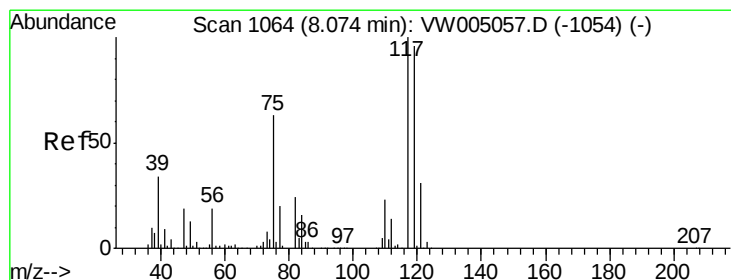
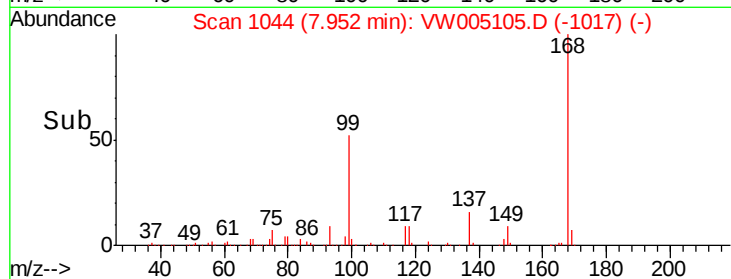
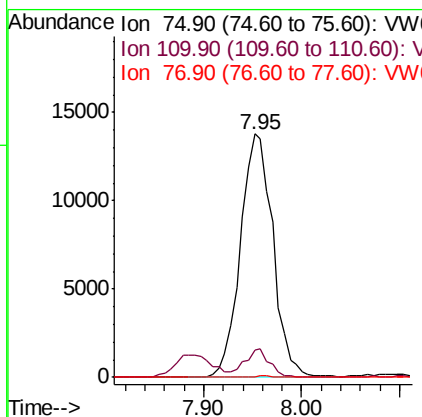
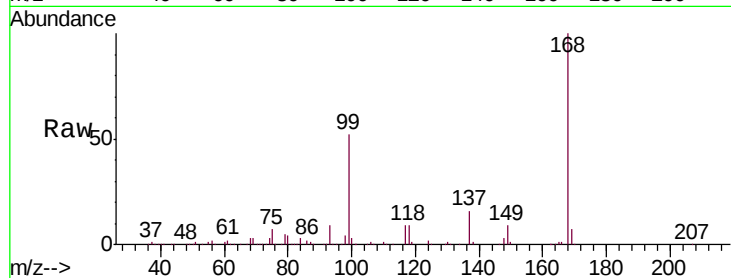




#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005105.D
 Acq: 05 Sep 2018 03:52

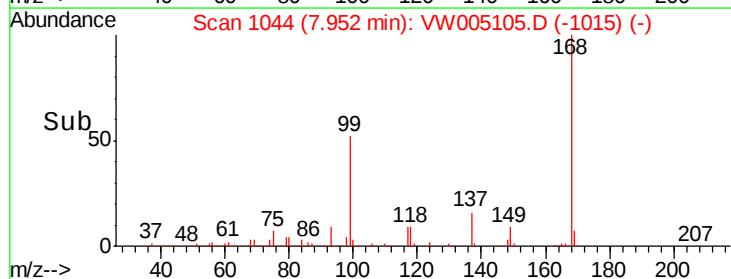
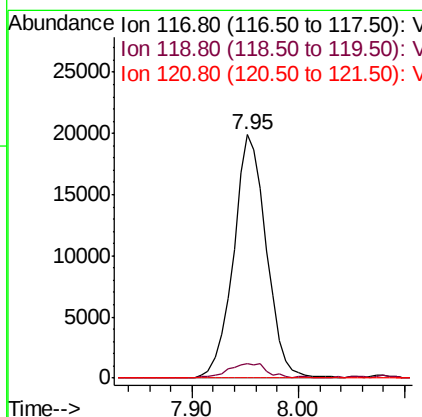
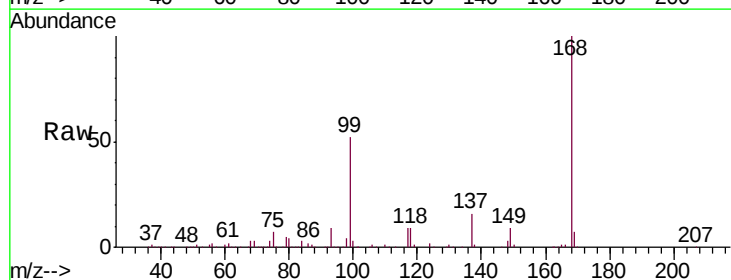
Instrument :
 MSVOA_W
 ClientSampled :
 RT-4005

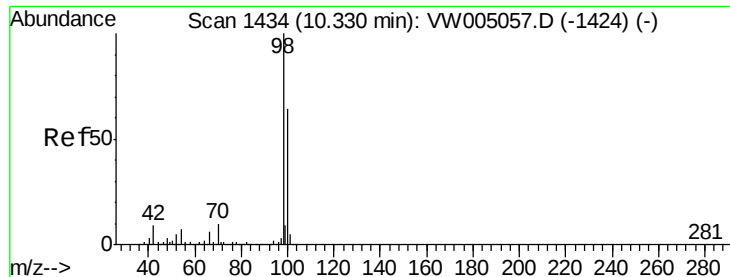
Tgt Ion: 75 Resp: 31694
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.9 56.7#
 77 0.2 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.446 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW005105.D
 Acq: 05 Sep 2018 03:52

Tgt Ion: 117 Resp: 42992
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.6 115.0#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 25.579 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005105.D

Acq: 05 Sep 2018 03:52

Instrument :

MSVOA_W

ClientSampleId :

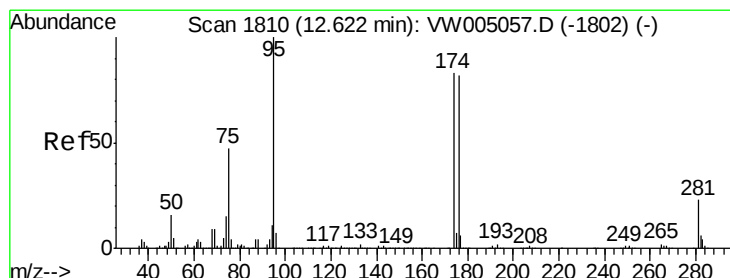
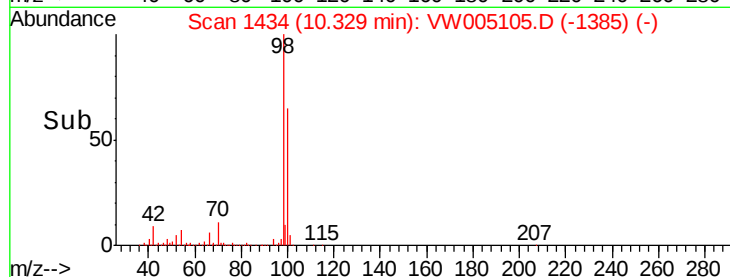
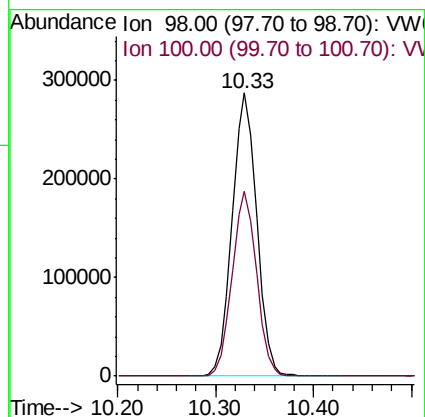
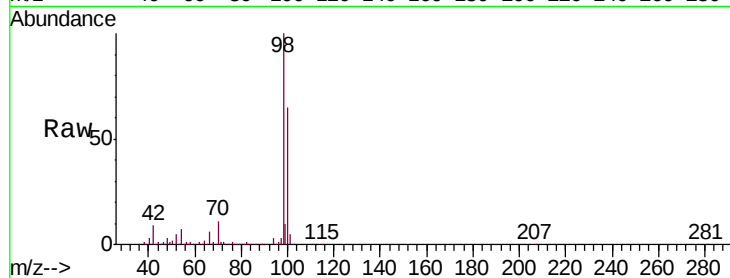
RT-4005

Tgt Ion: 98 Resp: 501609

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 24.839 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005105.D

Acq: 05 Sep 2018 03:52

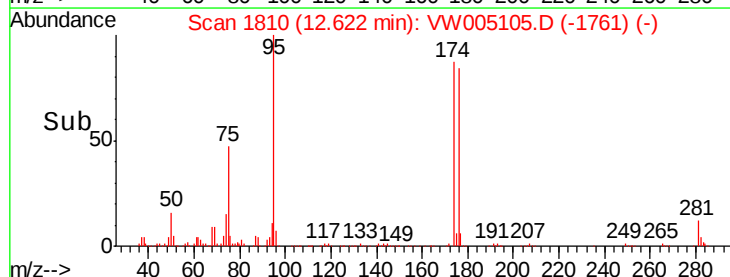
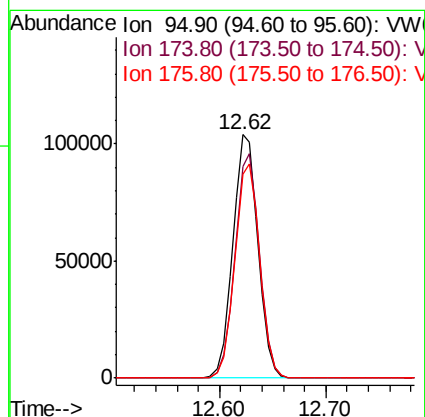
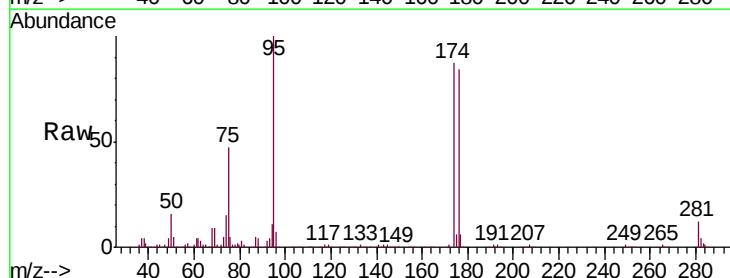
Tgt Ion: 95 Resp: 171752

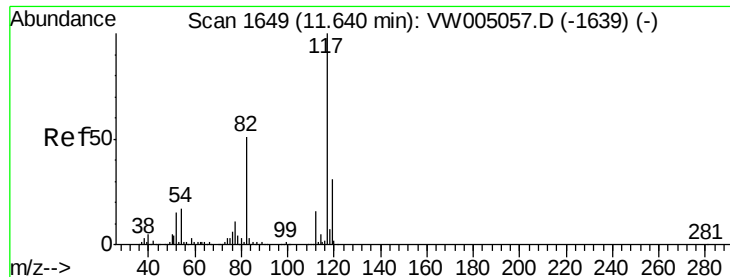
Ion Ratio Lower Upper

95 100

174 90.3 0.0 173.4

176 87.5 0.0 167.4

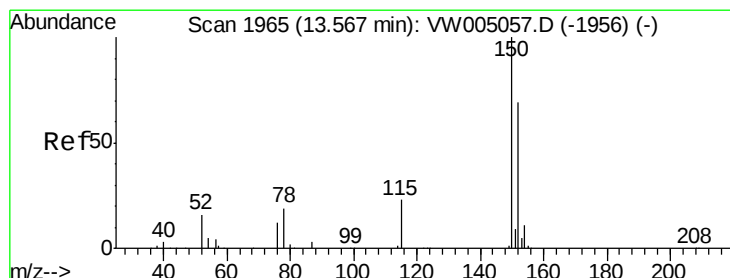
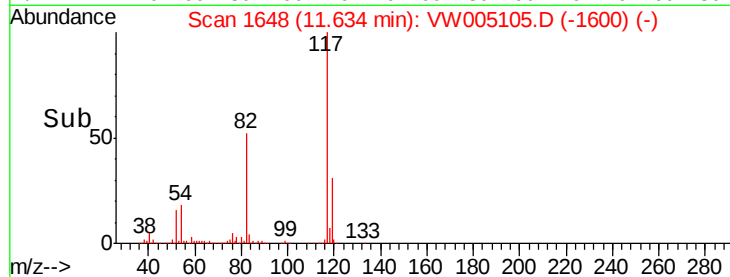
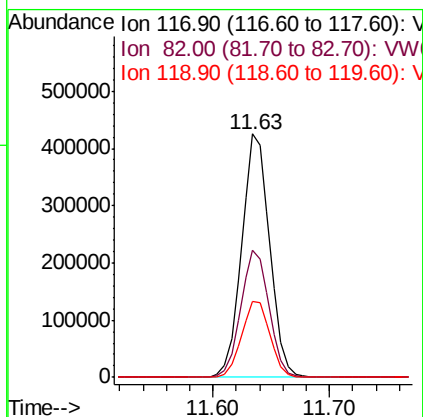
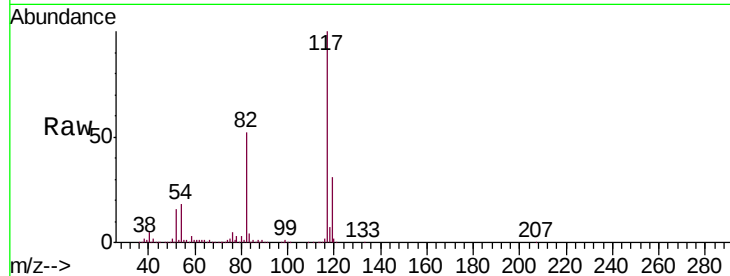




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

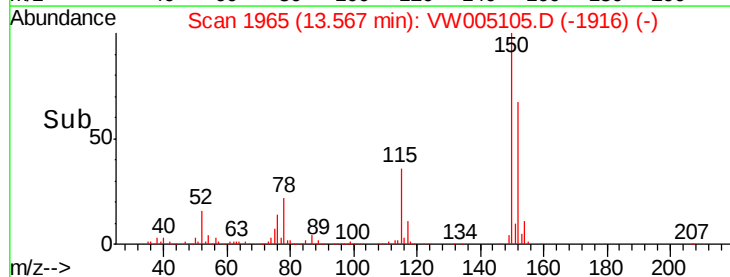
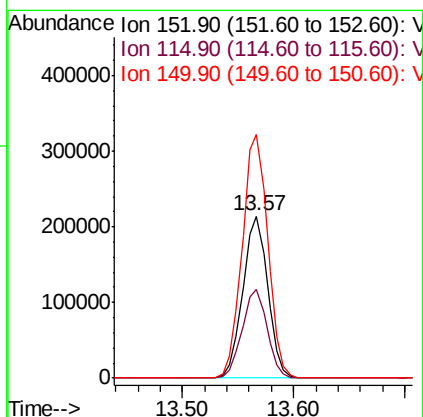
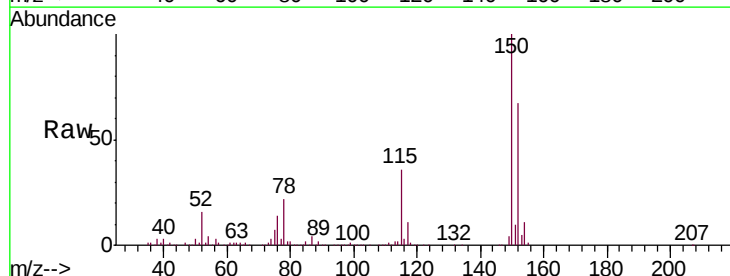
Instrument :
MSVOA_W
ClientSampleId :
RT-4005

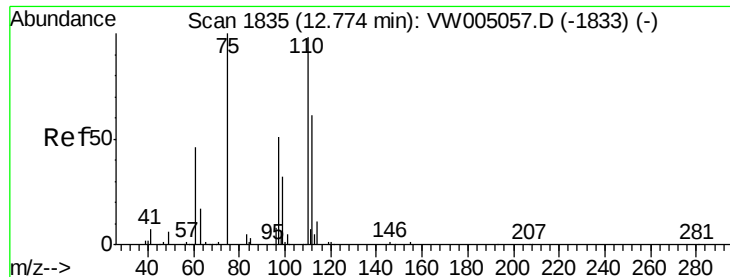
Tgt Ion:117 Resp: 710476
Ion Ratio Lower Upper
117 100
82 52.0 40.9 61.3
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005105.D
Acq: 05 Sep 2018 03:52

Tgt Ion:152 Resp: 331440
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 154.8 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 31.460 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005105.D

Acq: 05 Sep 2018 03:52

Instrument :

MSVOA_W

ClientSampled :

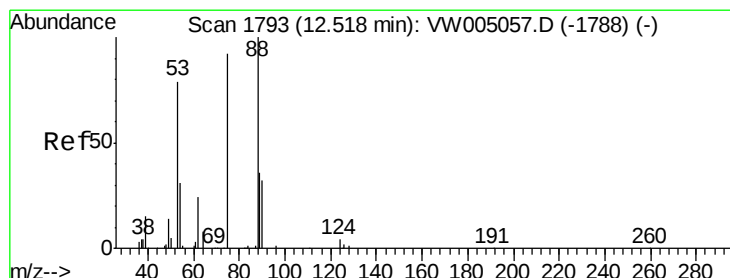
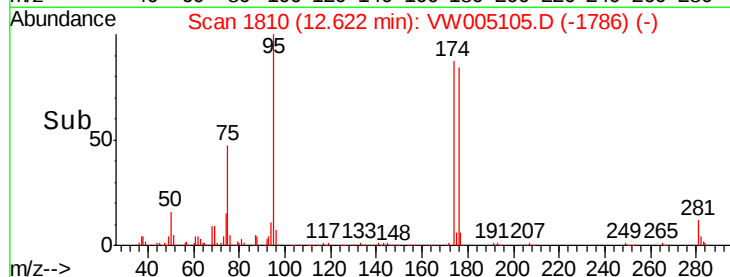
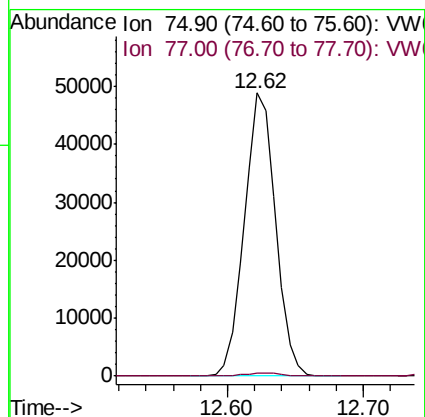
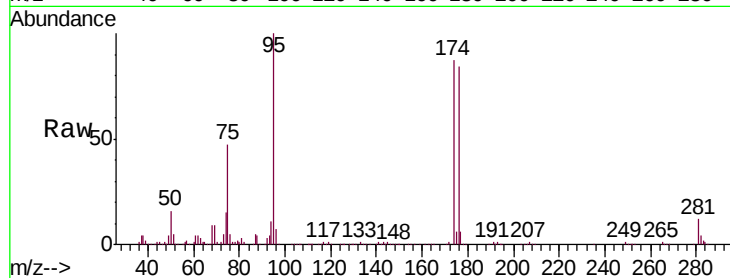
RT-4005

Tgt Ion: 75 Resp: 78269

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.722 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005105.D

Acq: 05 Sep 2018 03:52

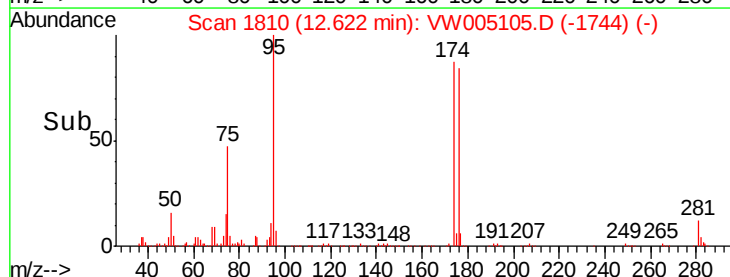
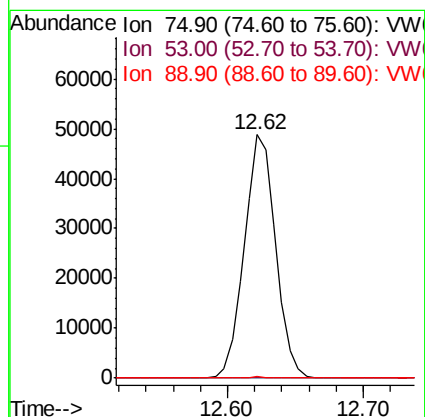
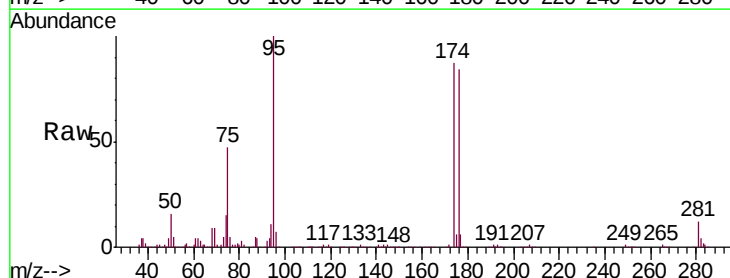
Tgt Ion: 75 Resp: 78269

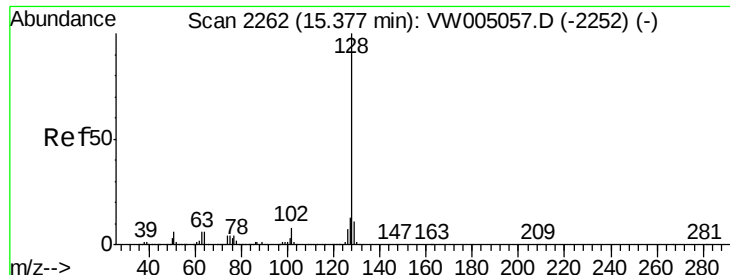
Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

89 0.2 36.0 54.0#





#95

Naphthalene

Concen: 4.201 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005105.D

Acq: 05 Sep 2018 03:52

Instrument :

MSVOA_W

ClientSampleId :

RT-4005

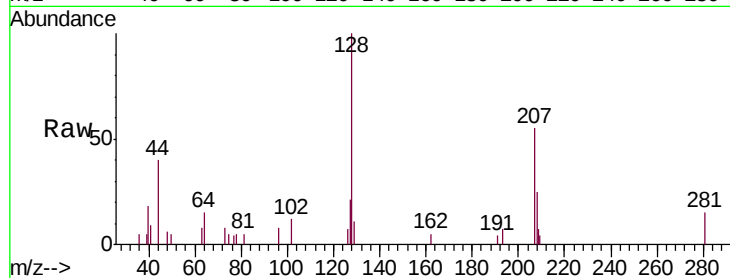
Tgt Ion:128 Resp: 2873

Ion Ratio Lower Upper

128 100

127 10.8 10.4 15.6

129 7.1 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

