

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005015.D
 Acq On : 30 Aug 2018 13:52
 Operator : SY/AP
 Sample : J4277-09RE
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 14:16:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	426660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	650271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	582951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	257781	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	164254	56.28	ug/l	0.00
Spiked Amount			Recovery	=	112.56%	
35) Dibromofluoromethane	7.89	113	158272	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	10.33	98	552348	31.22	ug/l	0.00
Spiked Amount			Recovery	=	62.44%	
62) 4-Bromofluorobenzene	12.62	95	205170	31.81	ug/l	0.00
Spiked Amount			Recovery	=	63.62%	

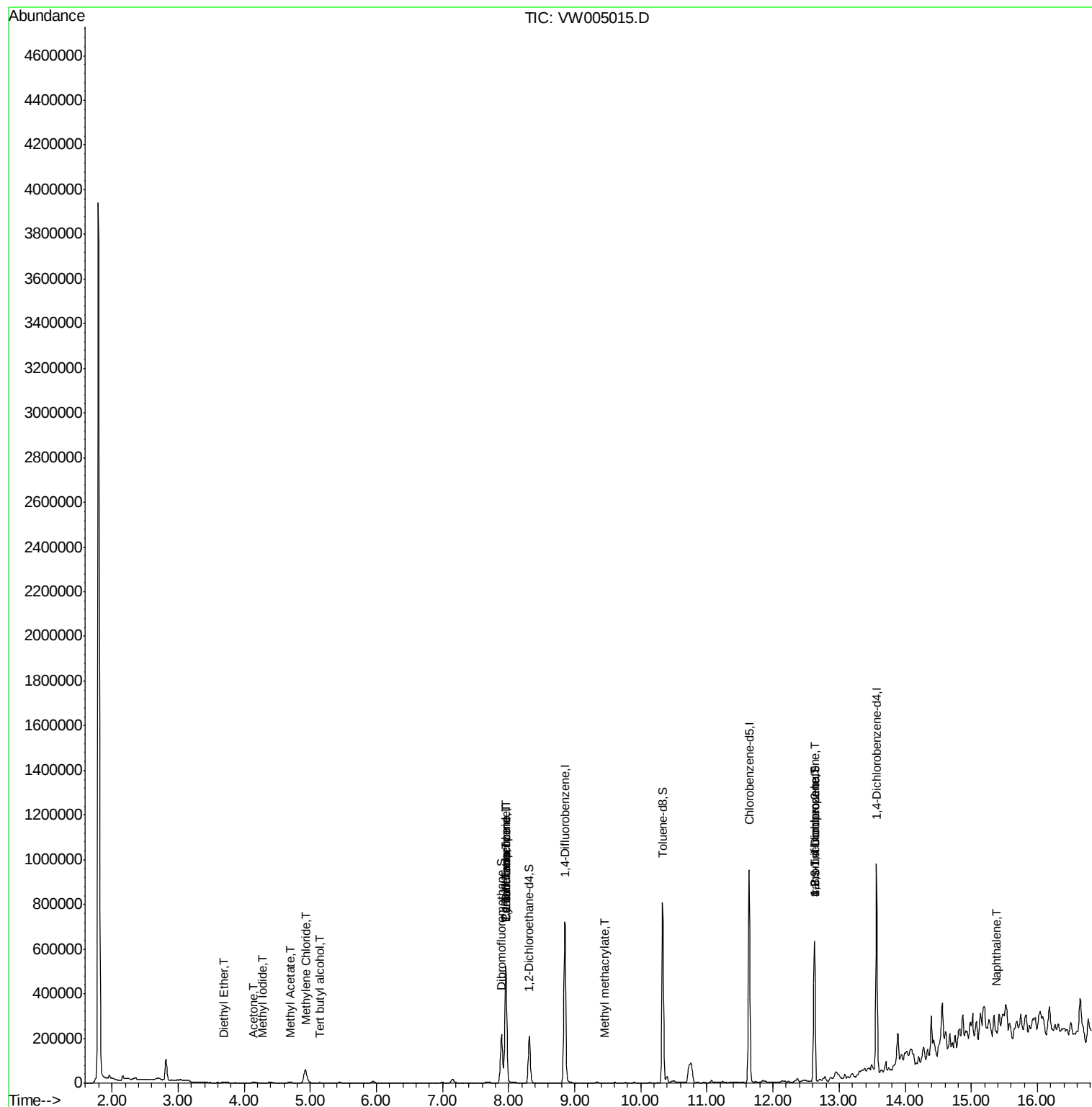
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	1542	1.00	ug/l	87
10) Methyl Iodide	4.28	142	504	2.76	ug/l #	50
11) Tert butyl alcohol	5.14	59	1036	4.90	ug/l #	73
16) Acetone	4.14	43	3506	5.33	ug/l	93
18) Methyl Acetate	4.70	43	4389	2.75	ug/l	100
20) Methylene Chloride	4.93	84	47731	6.23	ug/l	94
31) Cyclohexane	7.95	56	7848	1.25	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	28561	5.18	ug/l #	48
38) Carbon Tetrachloride	7.96	117	38080	7.14	ug/l #	16
48) Methyl methacrylate	9.45	41	228	2.78	ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	94626	51.83	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	94626	117.13	ug/l #	16
95) Naphthalene	15.38	128	12234	5.35	ug/l #	69

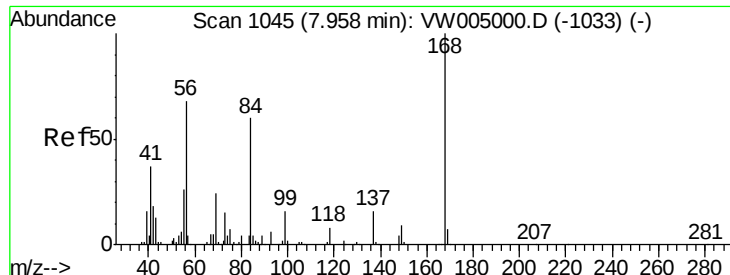
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083018\
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Quant Time: Aug 30 14:16:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

Instrument :

MSVOA_W

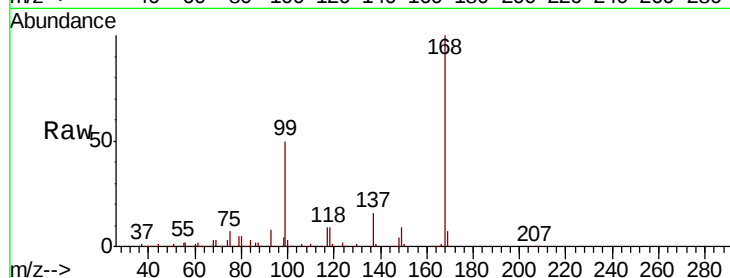
ClientSampled :

Tot Ion:168 Resp: 426660

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

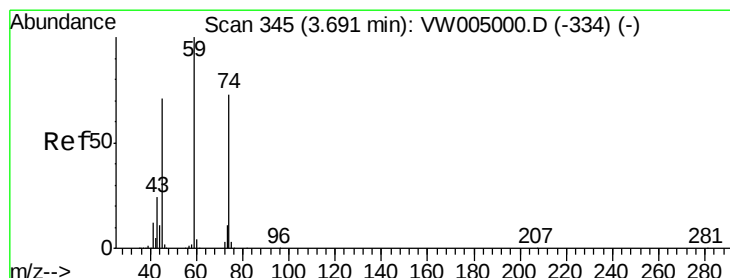
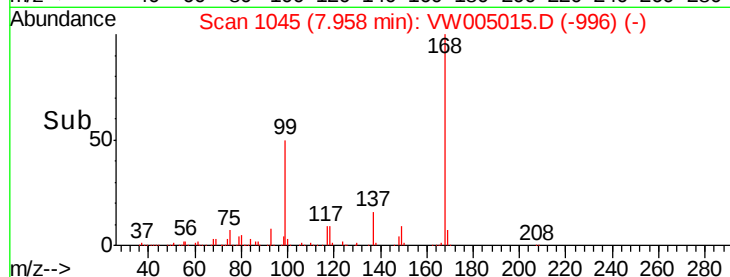
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.00 ug/l

RT: 3.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VW005015.D

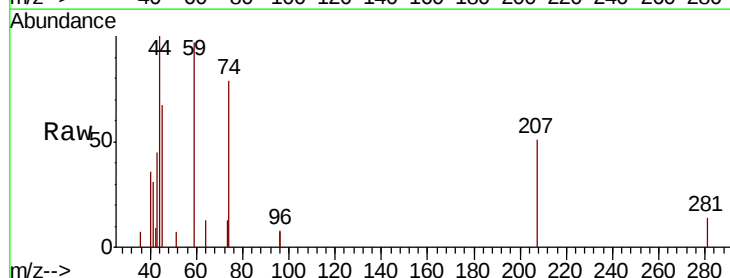
Acq: 30 Aug 2018 13:52

Tgt Ion: 74 Resp: 1542

Ion Ratio Lower Upper

74 100

45 107.8 47.8 143.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.70

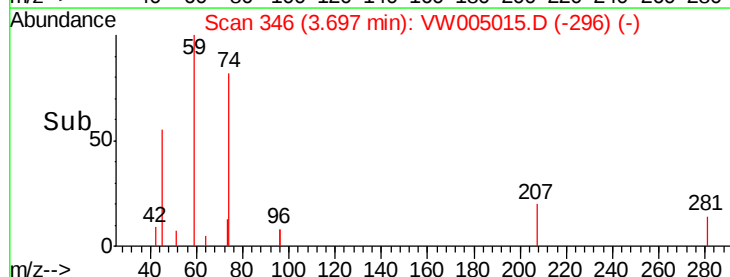
600

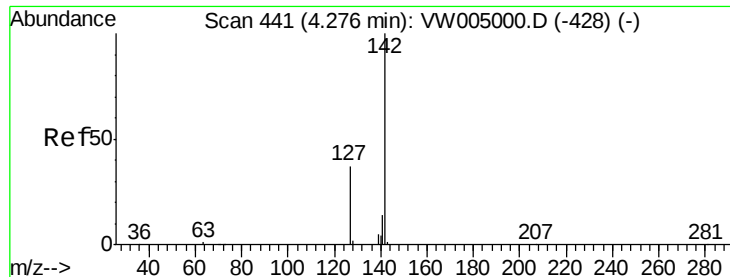
400

200

0

Time-->

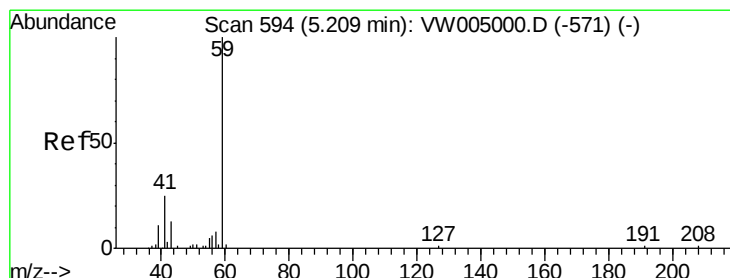
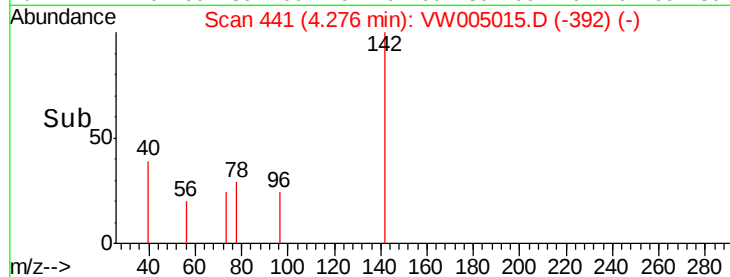
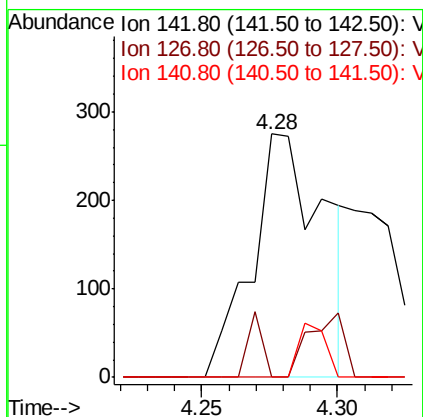
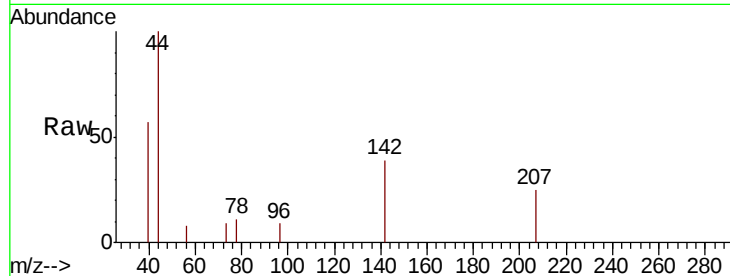




#10
Methvl Iodide
Concen: 2.76 ug/l
RT: 4.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: VW005015.D
Acq: 30 Aug 2018 13:52

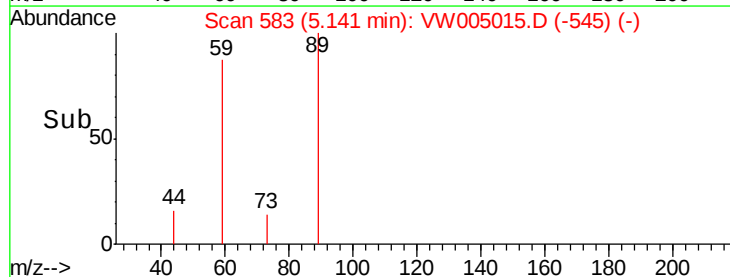
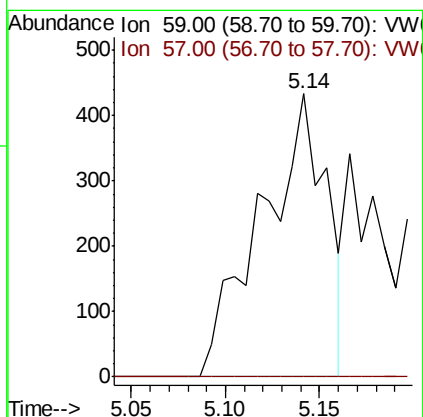
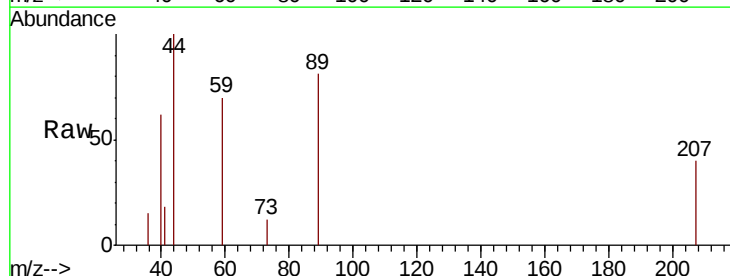
Instrument :
MSVOA_W
ClientSampled :

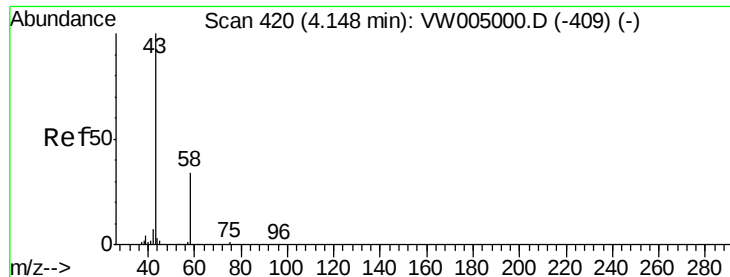
Tot Ion	Ratio	Lower	Upper
142	100		
127	5.4	31.1	46.7#
141	0.0	11.4	17.2#



#11
Tert butyl alcohol
Concen: 4.90 ug/l
RT: 5.14 min Scan# 583
Delta R.T. -0.07 min
Lab File: VW005015.D
Acq: 30 Aug 2018 13:52

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#





#16

Acetone

Concen: 5.33 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

Instrument :

MSVOA_W

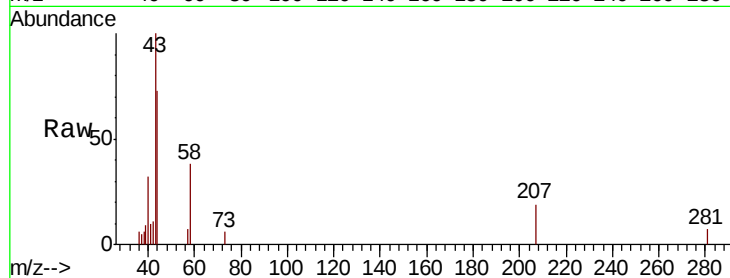
ClientSampleId :

Tot Ion: 43 Resp: 3506

Ion Ratio Lower Upper

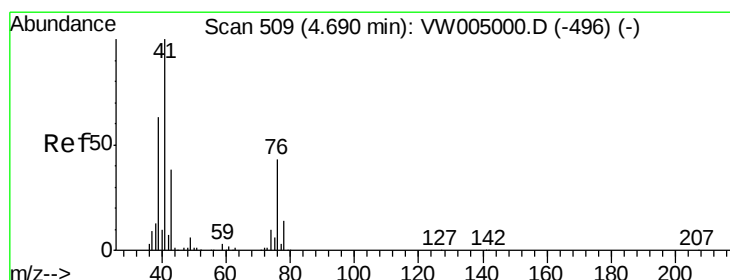
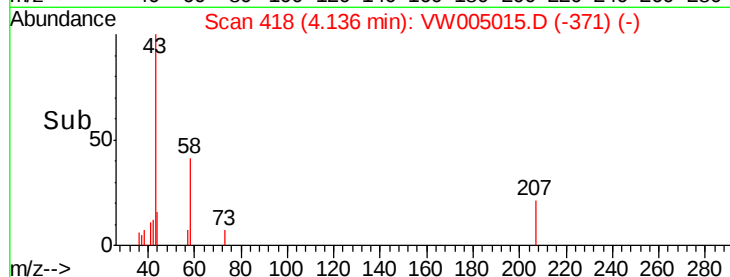
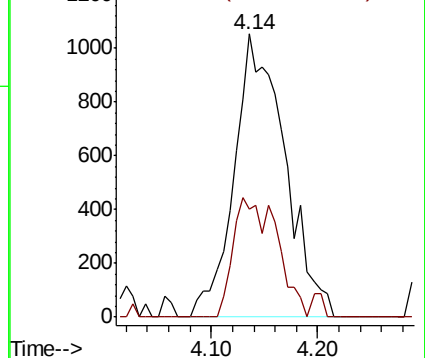
43 100

58 38.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.75 ug/l

RT: 4.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VW005015.D

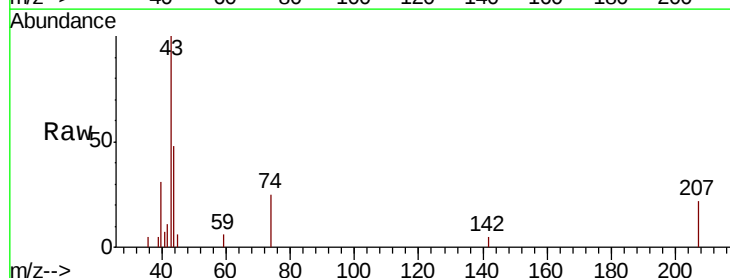
Acq: 30 Aug 2018 13:52

Tgt Ion: 43 Resp: 4389

Ion Ratio Lower Upper

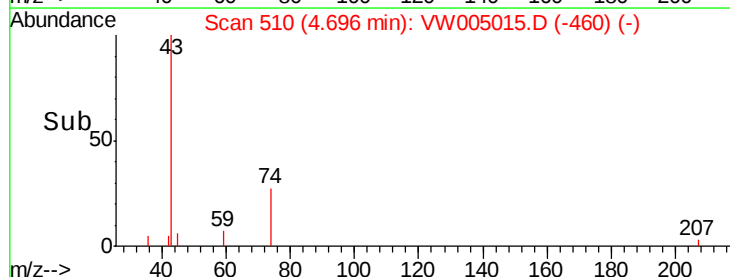
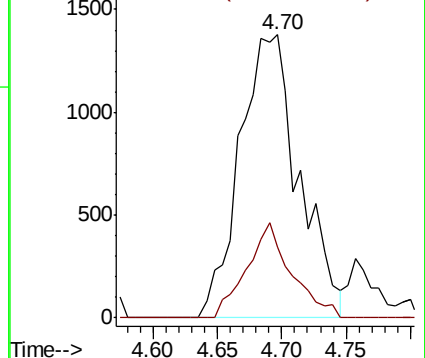
43 100

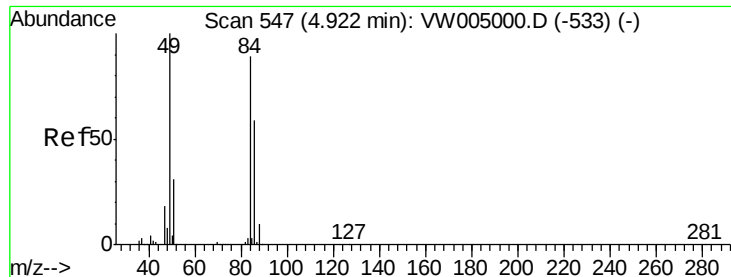
74 25.2 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 6.23 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.01 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 47731

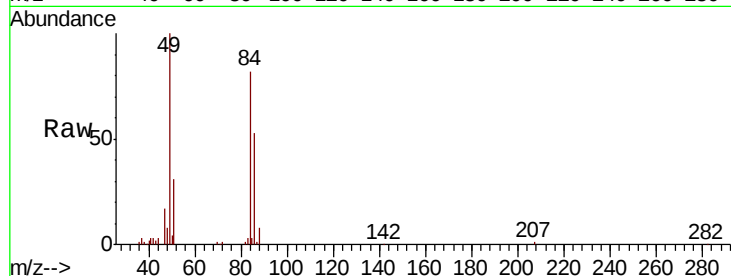
Ion Ratio Lower Upper

84 100

49 122.2 89.7 134.5

51 37.7 27.5 41.3

86 65.0 52.7 79.1

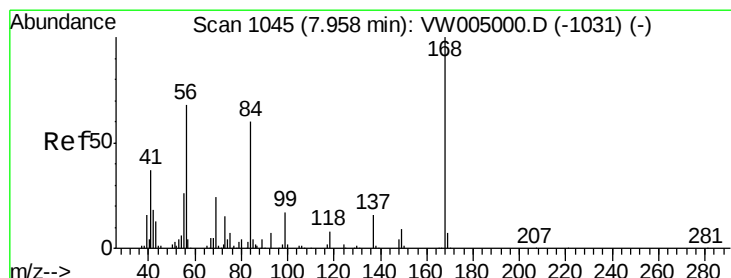
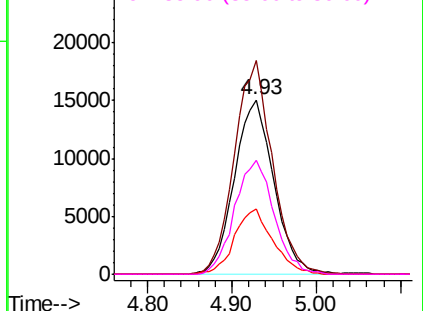
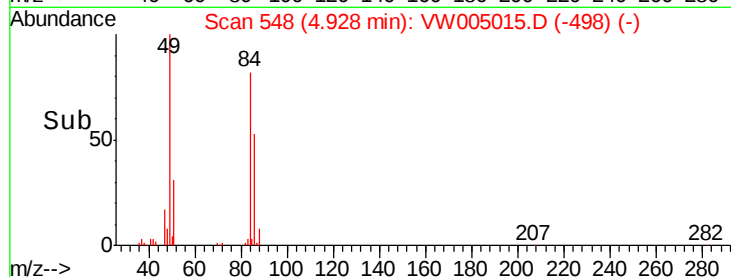


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.25 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

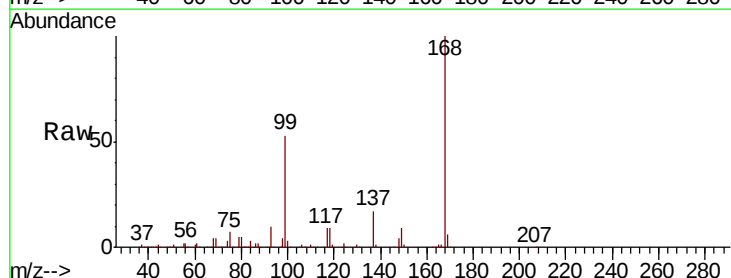
Tgt Ion: 56 Resp: 7848

Ion Ratio Lower Upper

56 100

69 181.6 27.9 41.9#

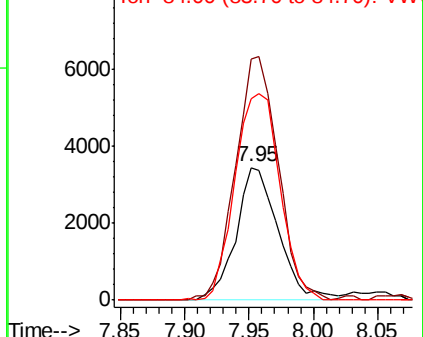
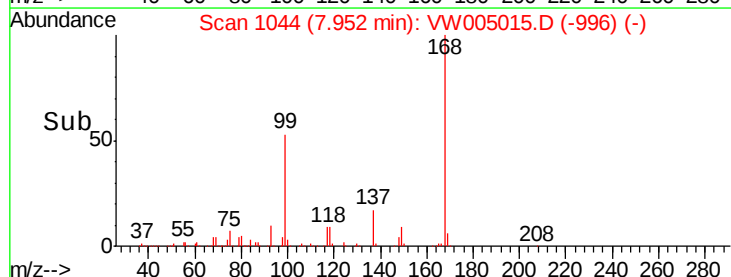
84 151.4 70.5 105.7#

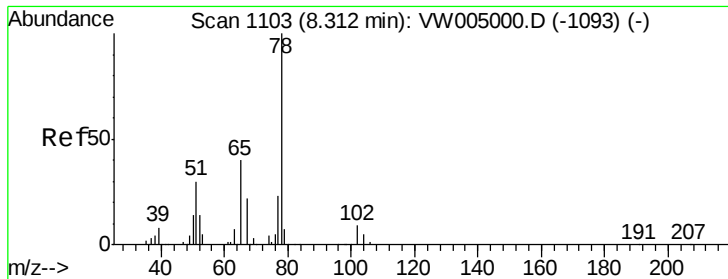


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

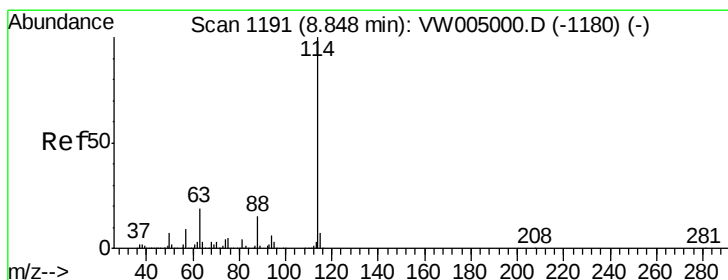
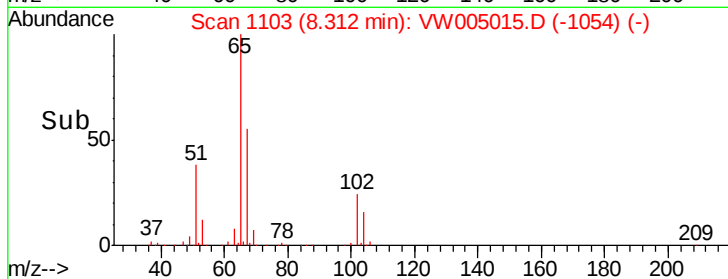
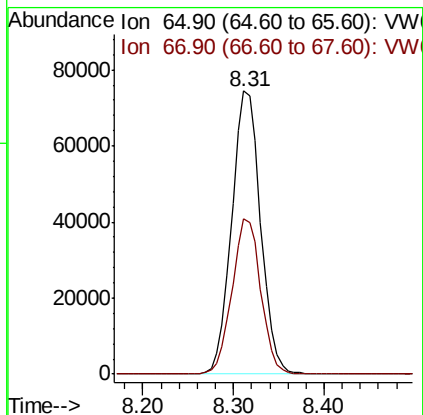
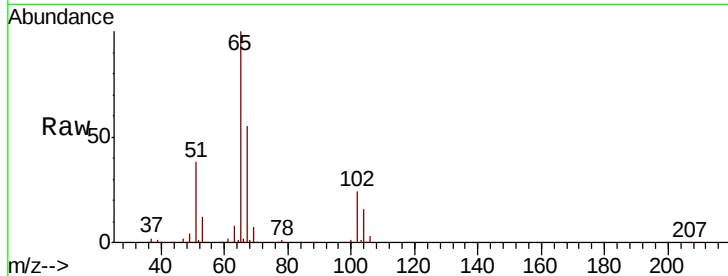




#33
 1,2-Dichloroethane-d4
 Concen: 56.28 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

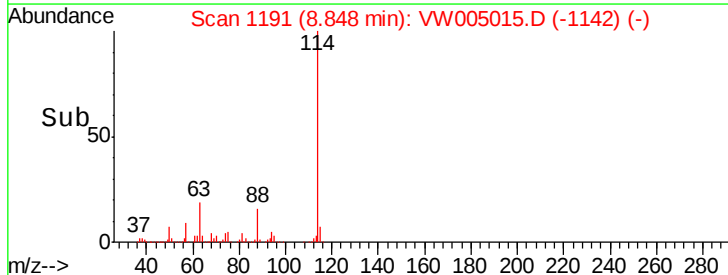
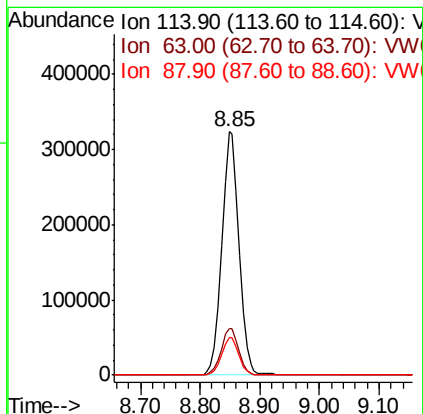
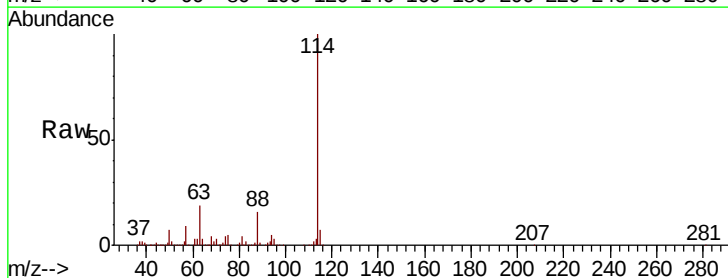
Instrument :
 MSVOA_W
 ClientSampleId :

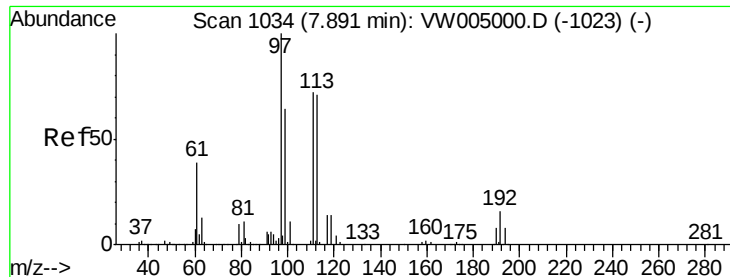
Tot Ion: 65 Resp: 164254
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

Tgt Ion: 114 Resp: 650271
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.5 0.0 30.6

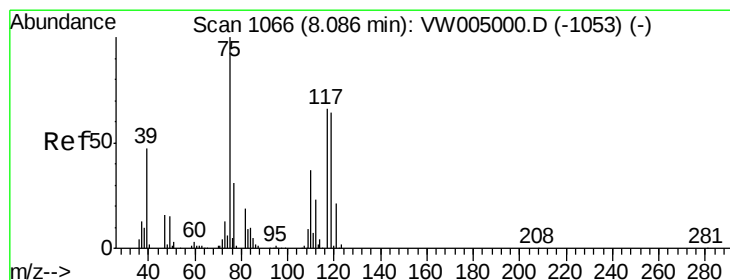
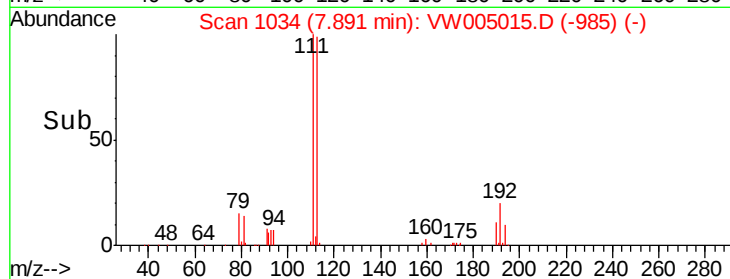
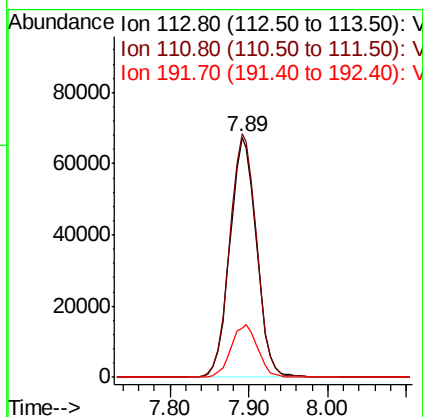
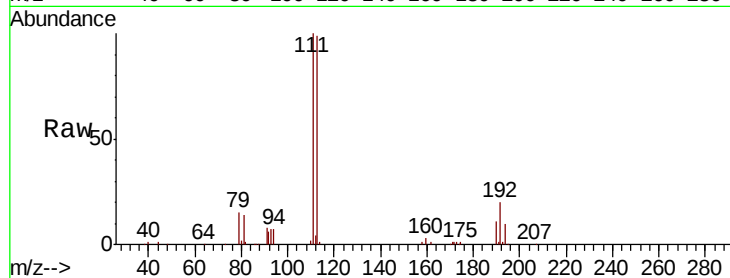




#35
 Dibromofluoromethane
 Concen: 49.12 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

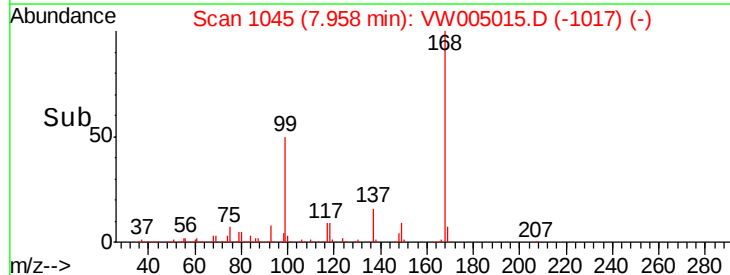
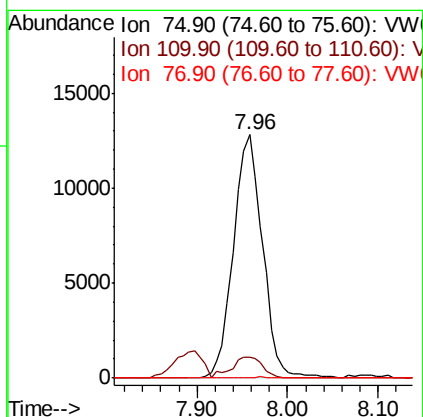
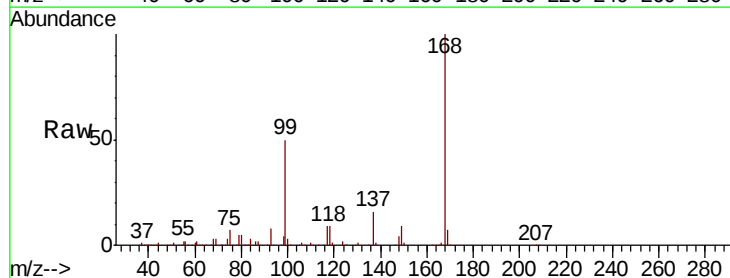
Instrument :
 MSVOA_W
 ClientSampleId :

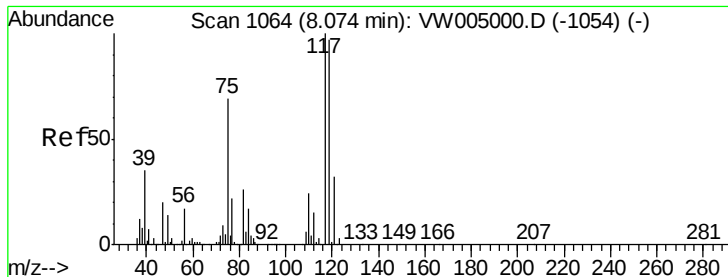
Tot Ion:113 Resp: 158272
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 21.8 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.18 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

Tgt Ion: 75 Resp: 28561
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.7 56.1#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.14 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

Instrument :

MSVOA_W

ClientSampled :

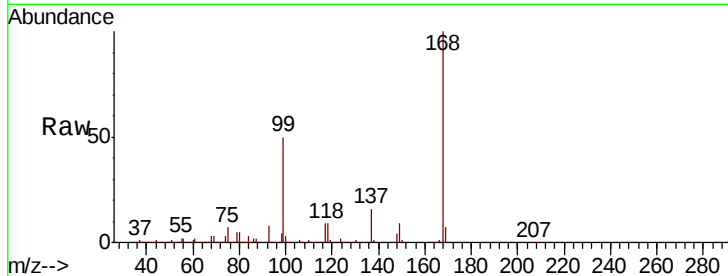
Tot Ion:117 Resp: 38080

Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.8#

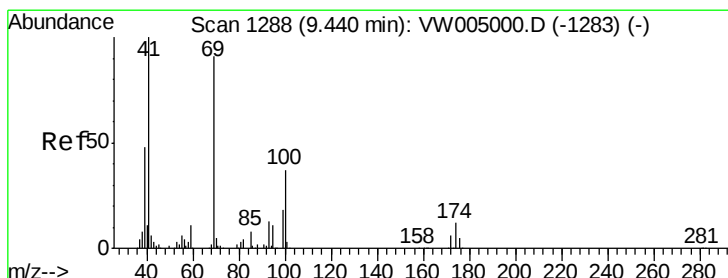
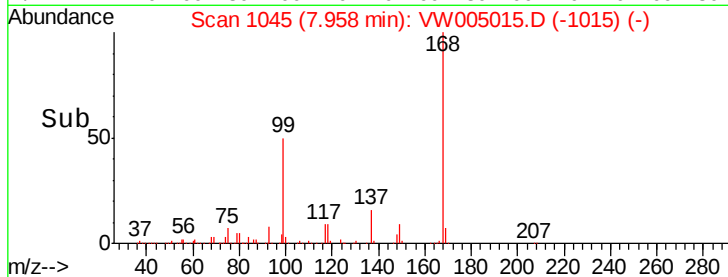
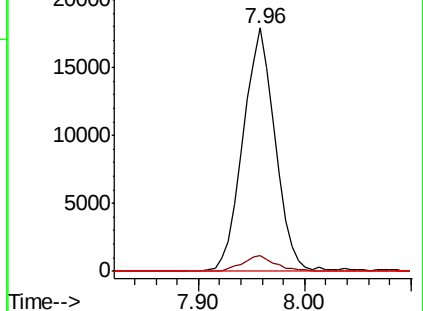
121 0.0 25.2 37.8#



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



#48

Methyl methacrylate

Concen: 2.78 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.01 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

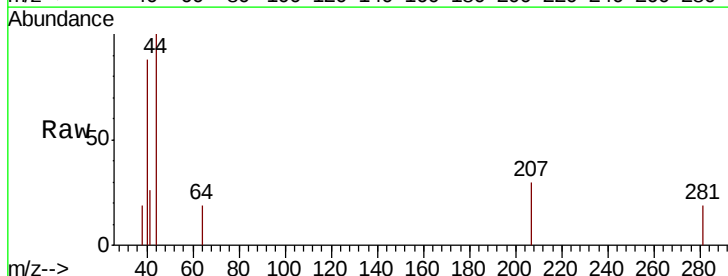
Tgt Ion: 41 Resp: 228

Ion Ratio Lower Upper

41 100

69 0.0 72.5 108.7#

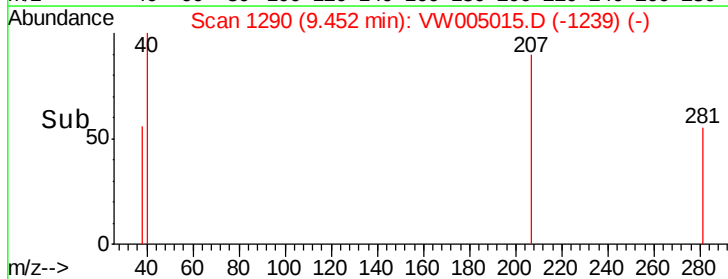
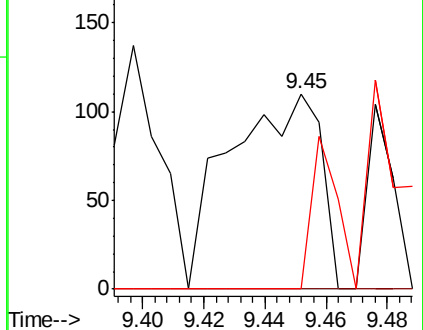
39 21.9 37.0 55.6#

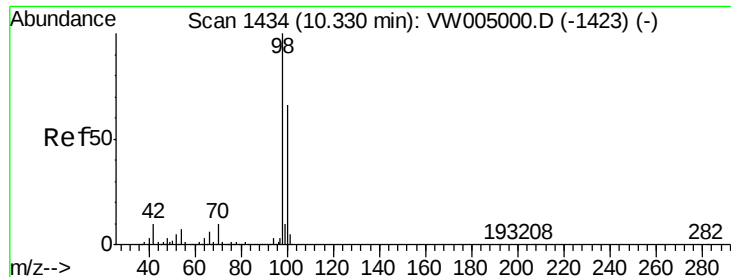


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 31.22 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

Instrument :

MSVOA_W

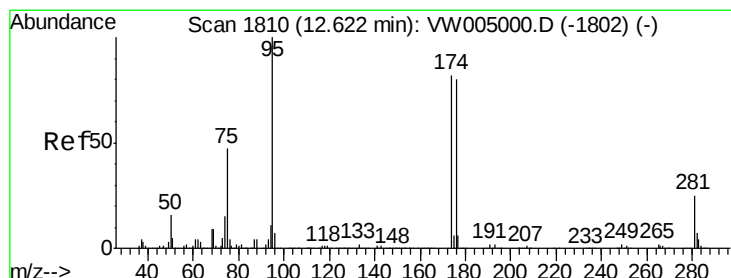
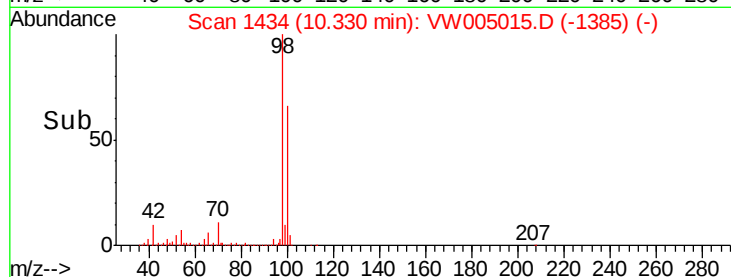
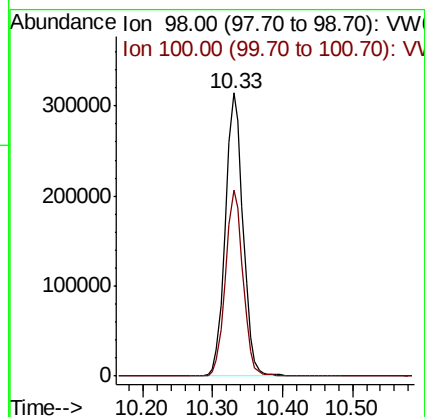
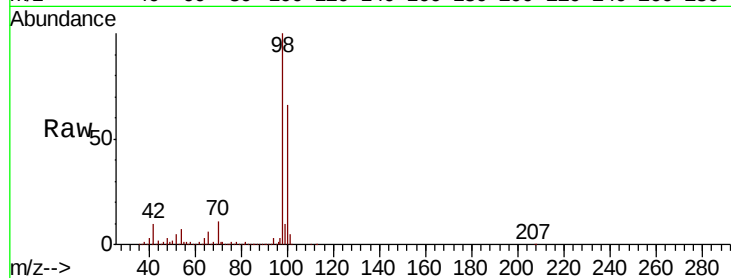
ClientSampleId :

Tot Ion: 98 Resp: 552348

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 31.81 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005015.D

Acq: 30 Aug 2018 13:52

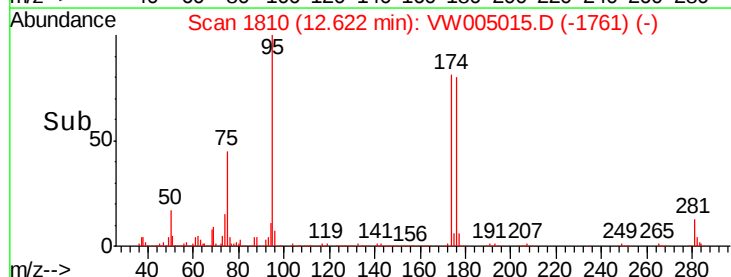
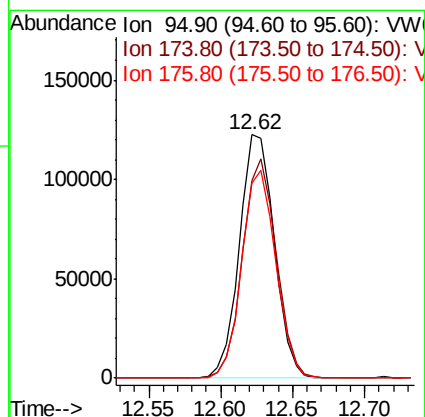
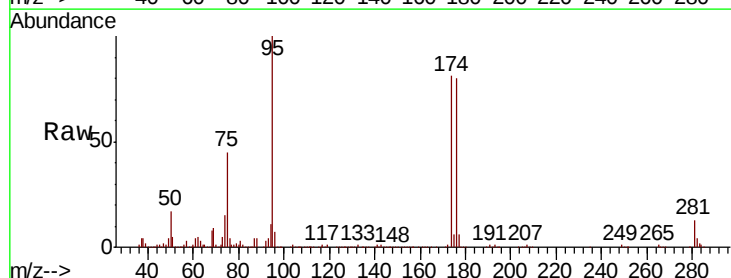
Tgt Ion: 95 Resp: 205170

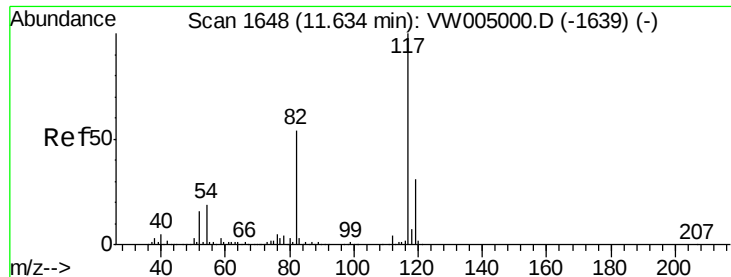
Ion Ratio Lower Upper

95 100

174 87.6 0.0 173.4

176 83.7 0.0 167.8

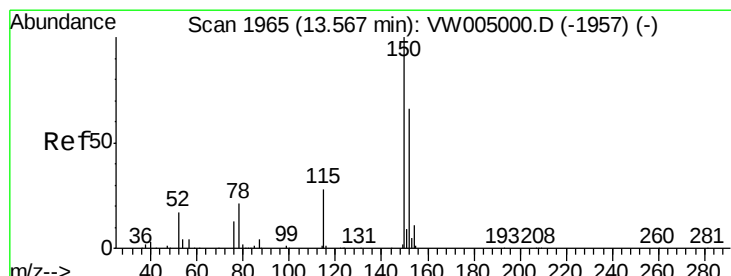
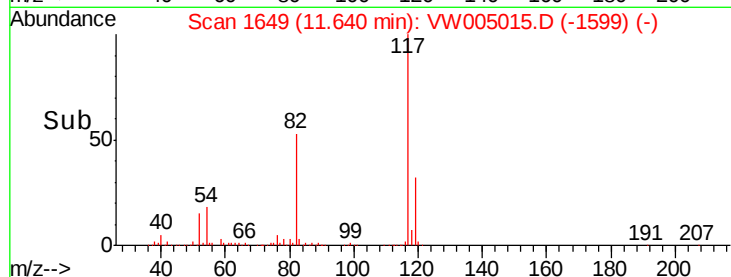
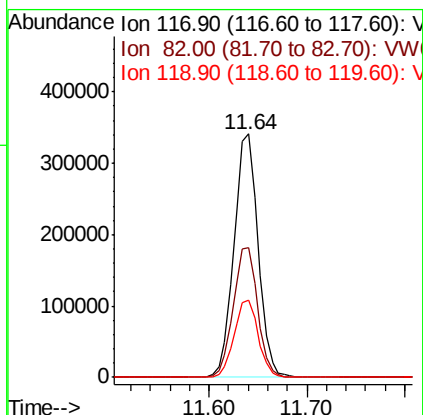
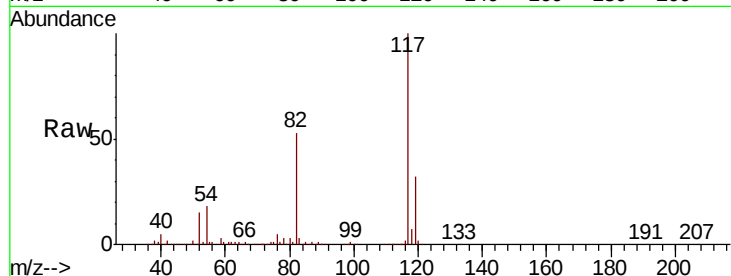




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW005015.D
Acq: 30 Aug 2018 13:52

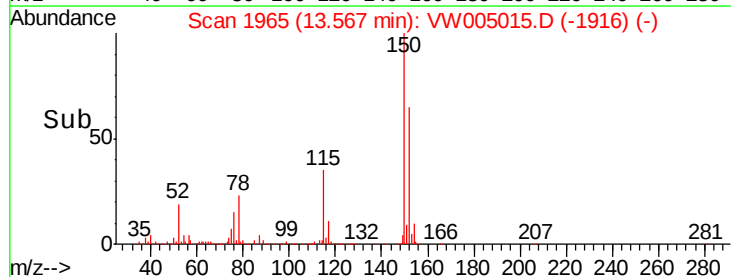
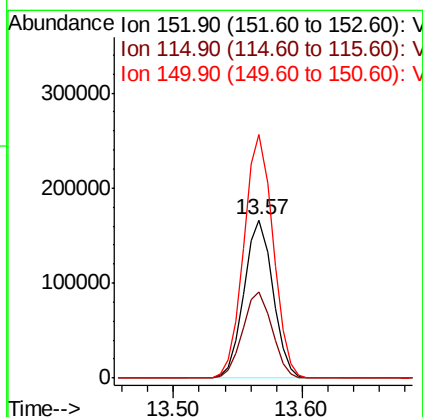
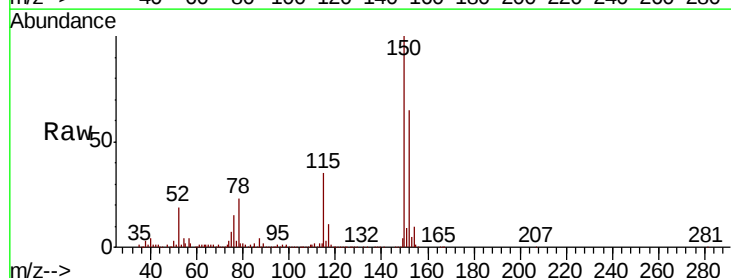
Instrument :
MSVOA_W
ClientSampleId :

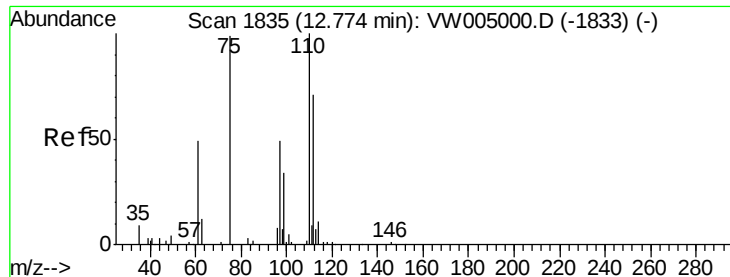
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	31.9	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005015.D
Acq: 30 Aug 2018 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.0	83.9
150	155.2	0.0	347.2

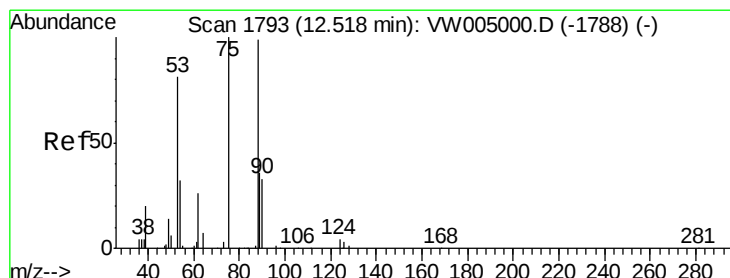
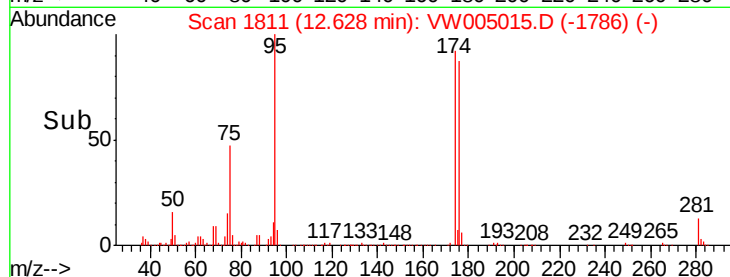
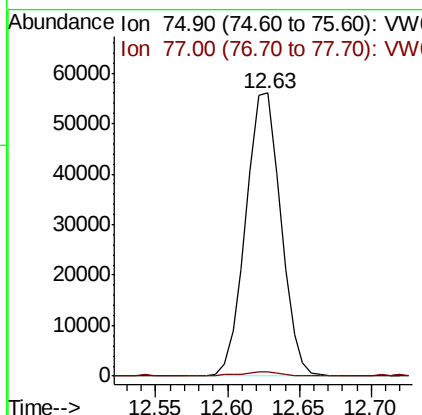
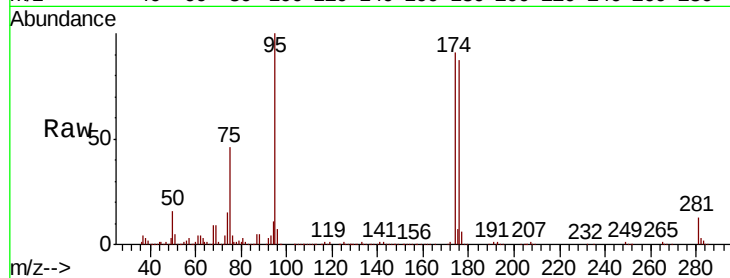




#76
 1,2,3-Trichloropropane
 Concen: 51.83 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

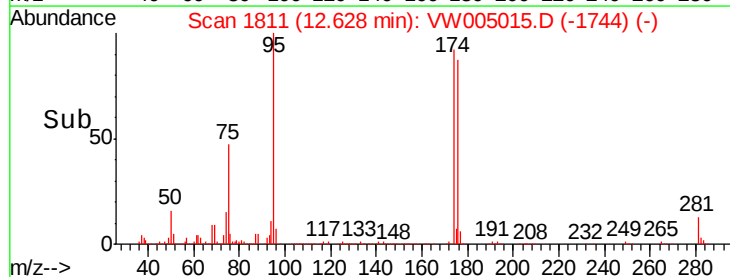
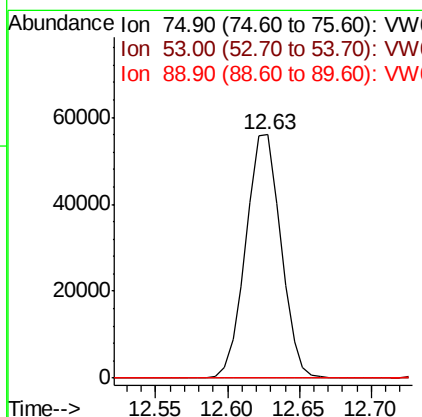
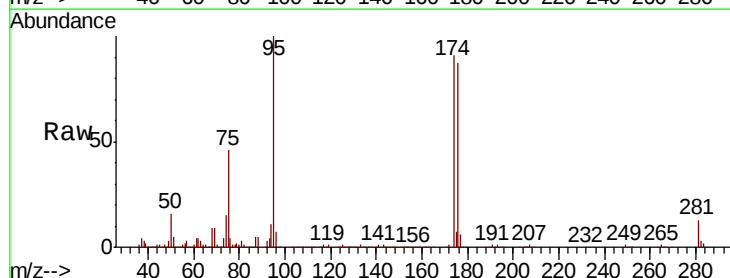
Instrument :
 MSVOA_W
 ClientSampleId :

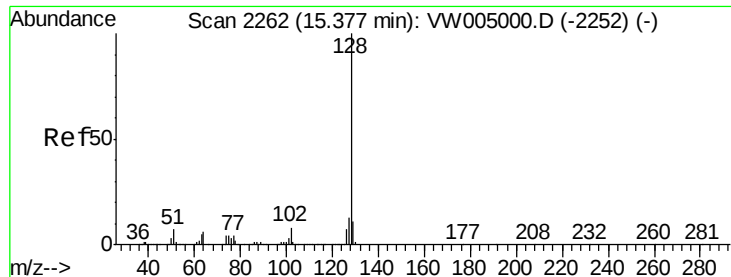
Tot Ion: 75 Resp: 94626
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.13 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

Tgt Ion: 75 Resp: 94626
 Ion Ratio Lower Upper
 75 100
 53 0.5 67.4 101.2#
 89 0.1 35.0 52.6#

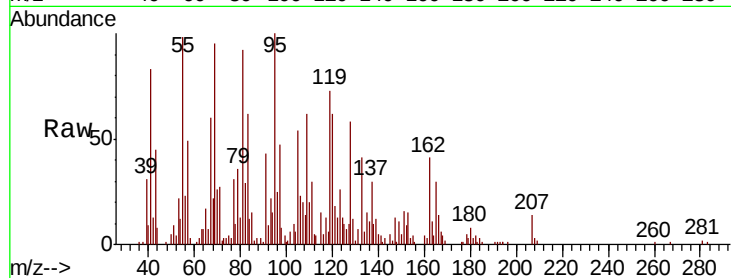




#95
 Naphthalene
 Concen: 5.35 ug/l
 RT: 15.38 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VW005015.D
 Acq: 30 Aug 2018 13:52

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
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

