

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005251.D
 Acq On : 10 Sep 2018 20:03
 Operator : SY/AP
 Sample : J4802-02
 Misc : 13.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-60.0-60.5

Quant Time: Sep 11 03:51:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	339615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	548344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	568901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	257712	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	193478	76.38	ug/l	0.00
Spiked Amount			Recovery	=	152.76%	
35) Dibromofluoromethane	7.89	113	164212	57.17	ug/l	0.00
Spiked Amount			Recovery	=	114.34%	
50) Toluene-d8	10.33	98	849591	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
62) 4-Bromofluorobenzene	12.63	95	283027	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	

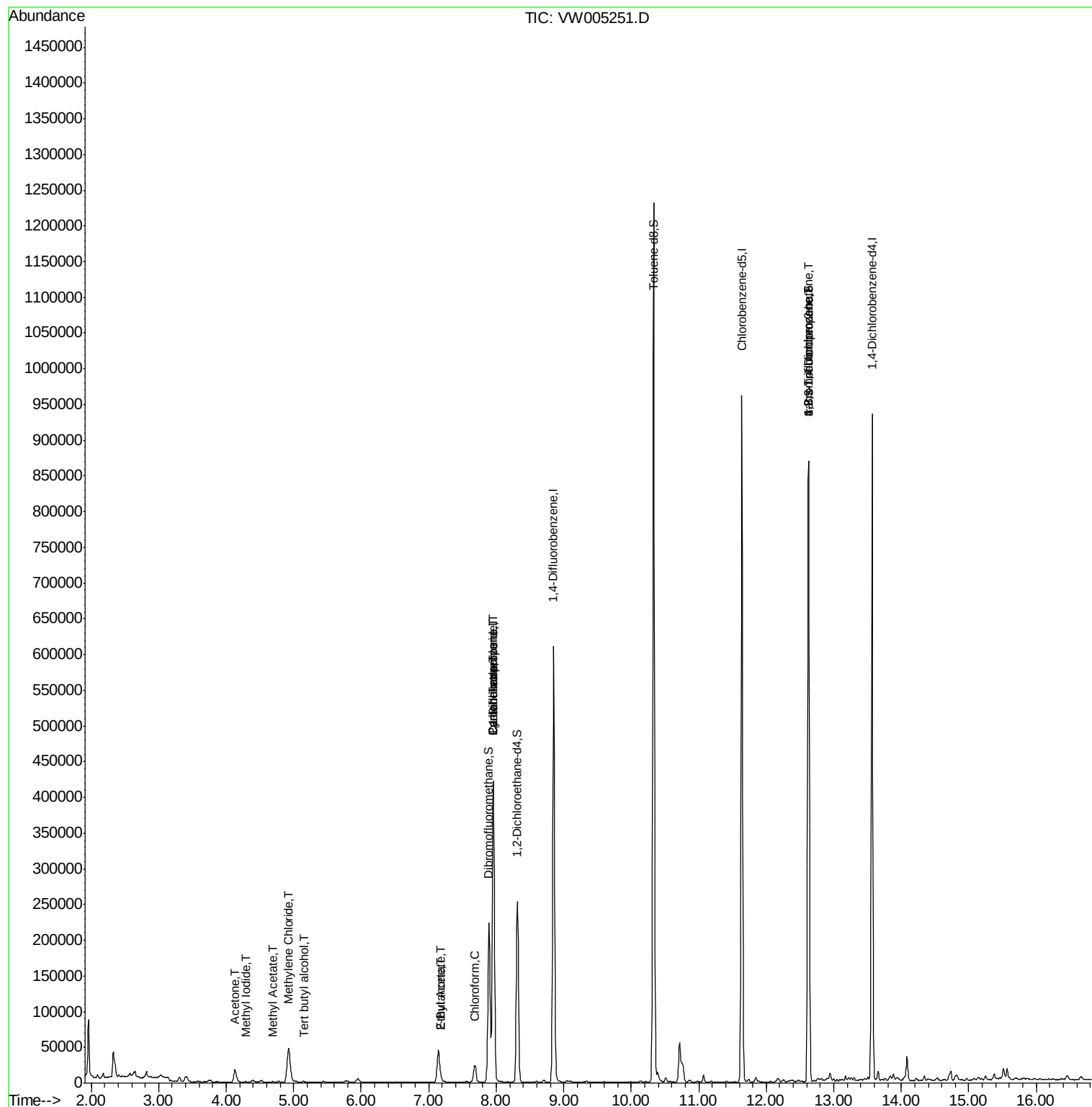
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	763	Below Cal	#	16
10) Methyl Iodide	4.29	142	773	3.526	ug/l #	77
11) Tert butyl alcohol	5.15	59	1335	6.427	ug/l #	86
16) Acetone	4.14	43	31516	67.030	ug/l	98
18) Methyl Acetate	4.68	43	2087	1.487	ug/l	91
20) Methylene Chloride	4.92	84	40945	9.019	ug/l	97
25) 2-Butanone	7.18	43	7609	10.260	ug/l #	80
30) Chloroform	7.68	83	23106	4.520	ug/l	98
31) Cyclohexane	7.95	56	5996	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	22814	4.541	ug/l #	48
37) Ethyl Acetate	7.18	43	7609	3.982	ug/l #	66
38) Carbon Tetrachloride	7.96	117	29274	6.221	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	129884	65.525	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	129884	153.672	ug/l #	16

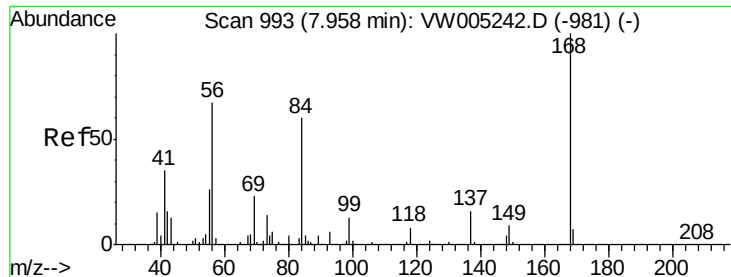
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

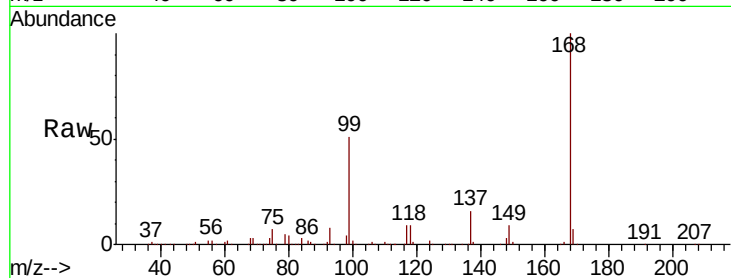
ENY-SB-01-60.0-60.5

Tgt Ion: 168 Resp: 339615

Ion Ratio Lower Upper

168 100

99 51.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

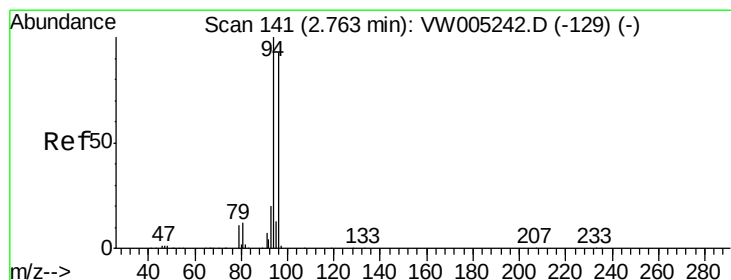
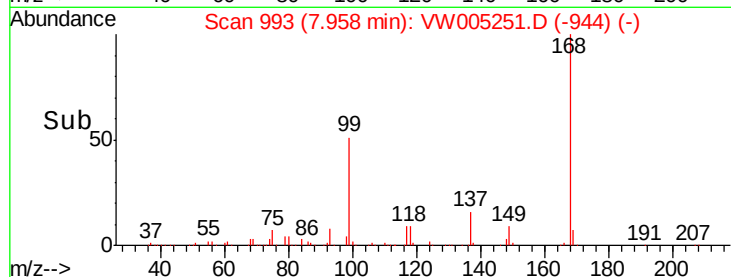
100000

50000

0

7.90 8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.02 min

Lab File: VW005251.D

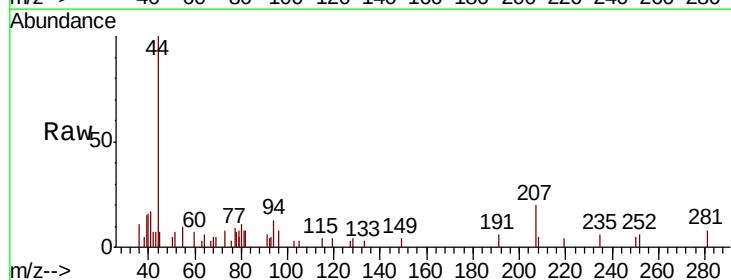
Acq: 10 Sep 2018 20:03

Tgt Ion: 94 Resp: 763

Ion Ratio Lower Upper

94 100

96 11.7 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

300

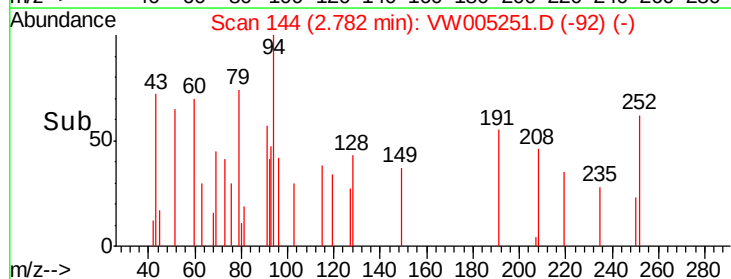
200

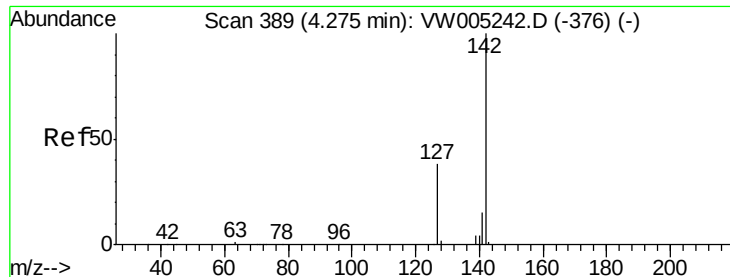
100

0

2.70 2.75 2.80

Time-->

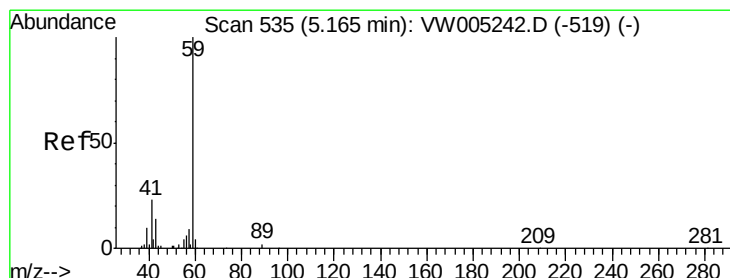
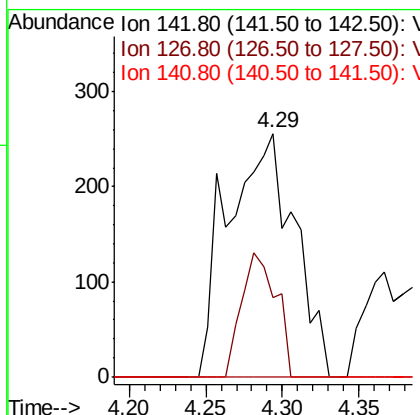
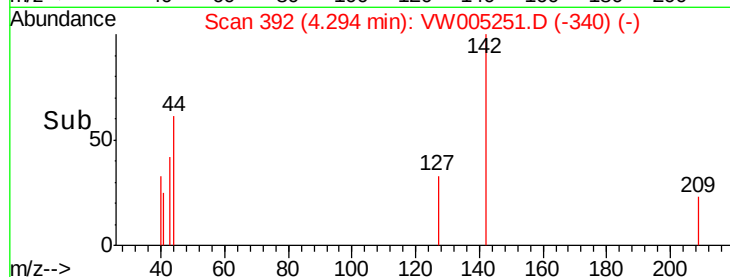
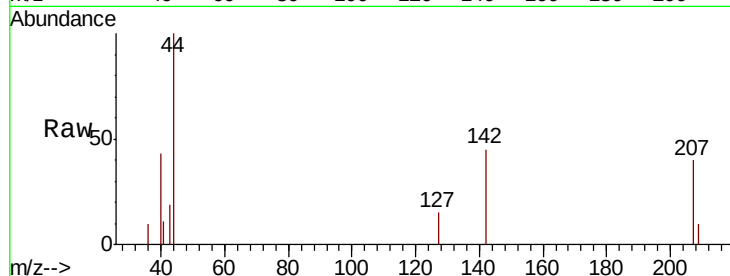




#10
Methyl Iodide
Concen: 3.526 ug/l
RT: 4.29 min Scan# 392
Delta R.T. 0.02 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

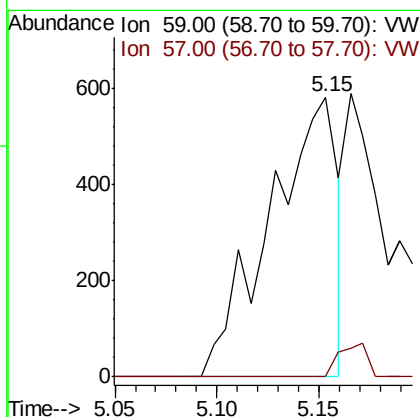
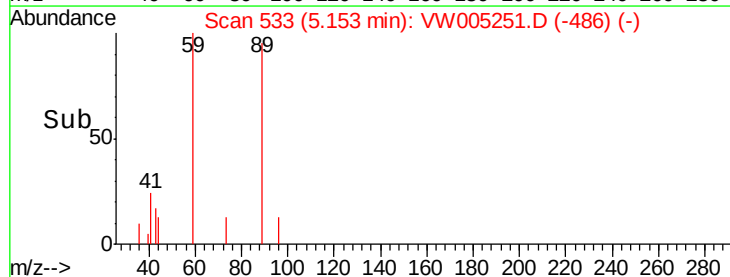
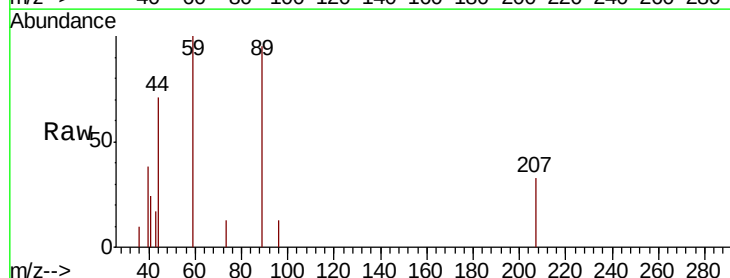
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-60.0-60.5

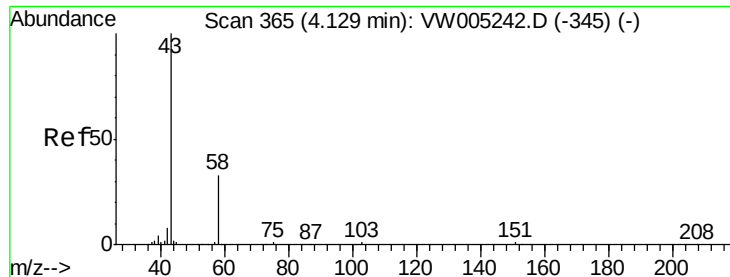
Tgt Ion: 142 Resp: 773
Ion Ratio Lower Upper
142 100
127 26.8 30.3 45.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.427 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

Tgt Ion: 59 Resp: 1335
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1#





#16

Acetone

Concen: 67.030 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

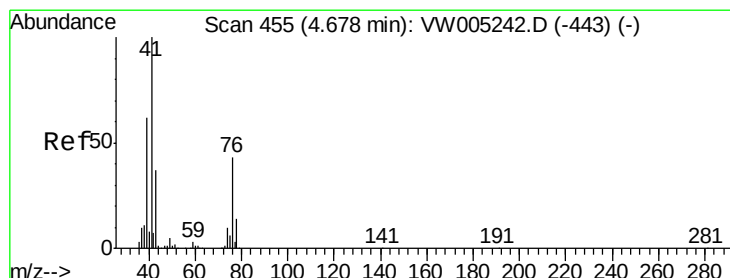
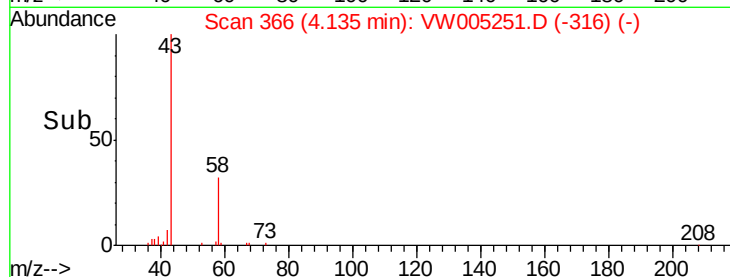
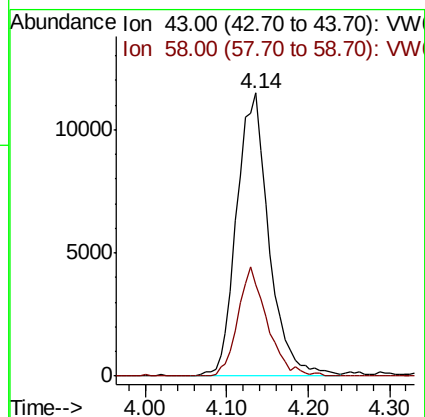
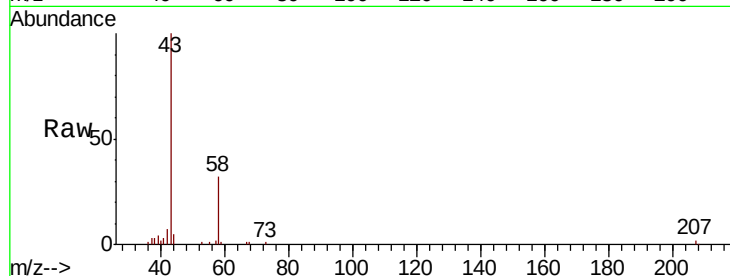
ENY-SB-01-60.0-60.5

Tgt Ion: 43 Resp: 31516

Ion Ratio Lower Upper

43 100

58 32.2 26.7 40.1



#18

Methyl Acetate

Concen: 1.487 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005251.D

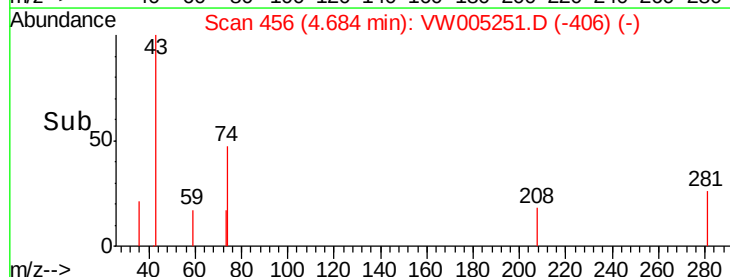
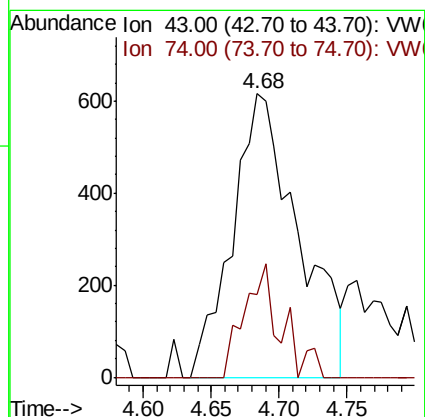
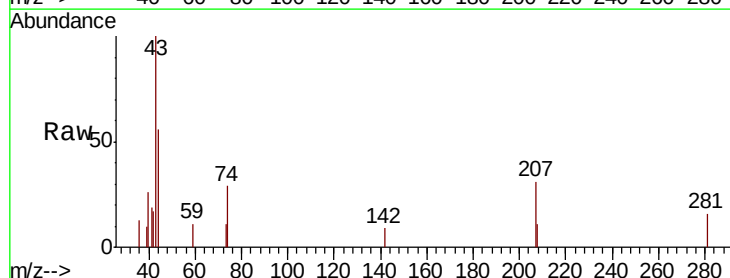
Acq: 10 Sep 2018 20:03

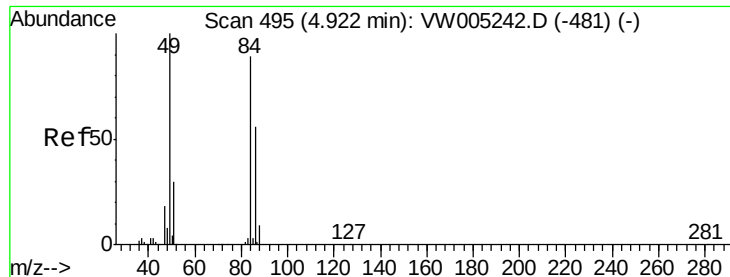
Tgt Ion: 43 Resp: 2087

Ion Ratio Lower Upper

43 100

74 22.1 21.4 32.2

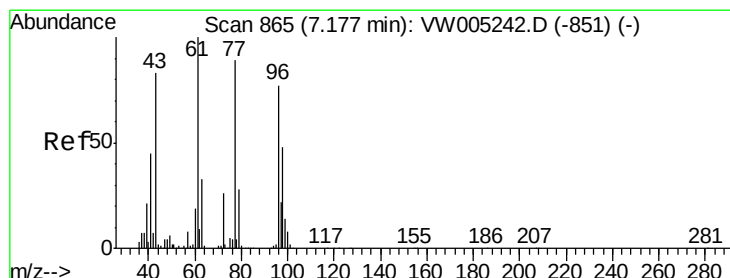
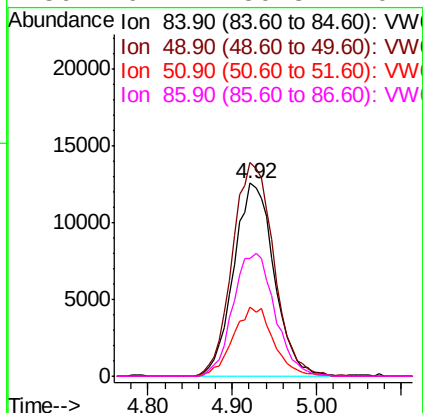
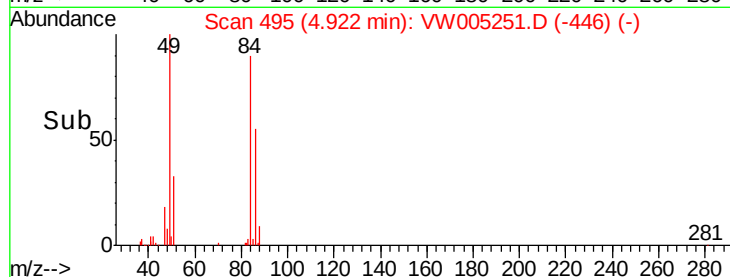
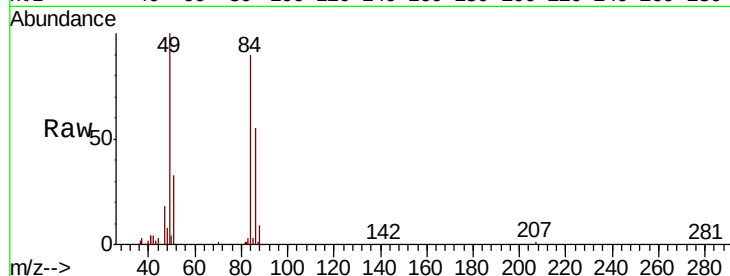




#20
Methylene Chloride
Concen: 9.019 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

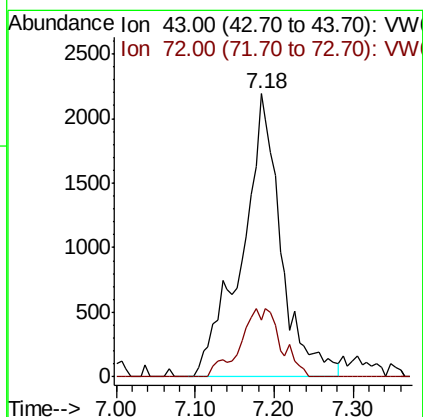
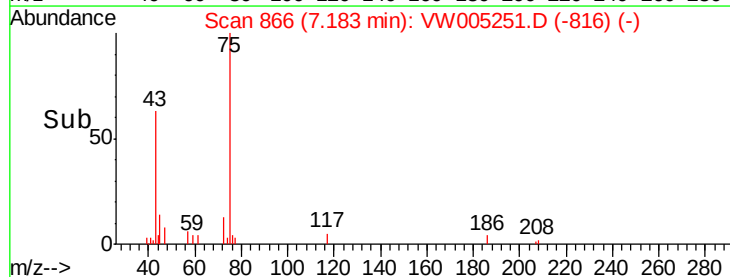
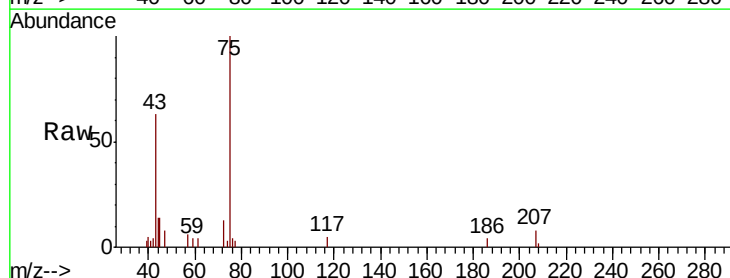
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-60.0-60.5

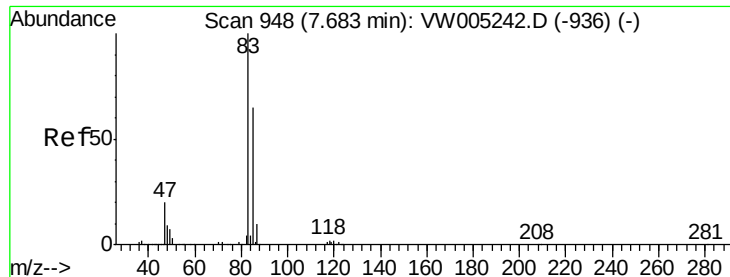
Tgt Ion:	84	Resp:	40945
Ion	Ratio	Lower	Upper
84	100		
49	110.8	90.3	135.5
51	36.1	26.9	40.3
86	61.4	50.8	76.2



#25
2-Butanone
Concen: 10.260 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

Tgt Ion:	43	Resp:	7609
Ion	Ratio	Lower	Upper
43	100		
72	20.0	25.0	37.6#

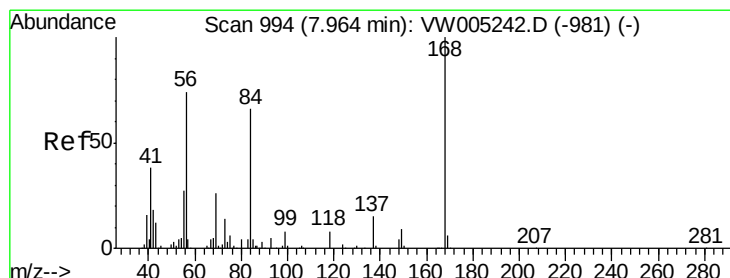
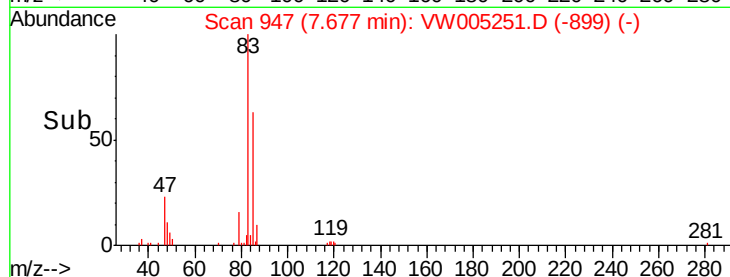
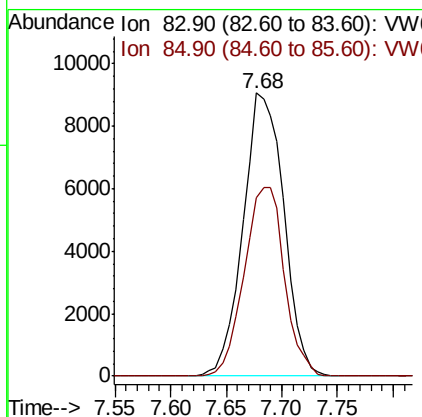
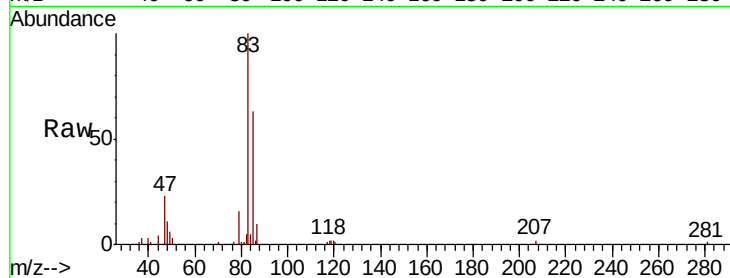




#30
Chloroform
Concen: 4.520 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

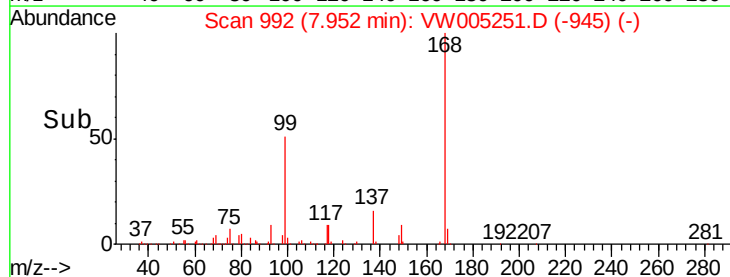
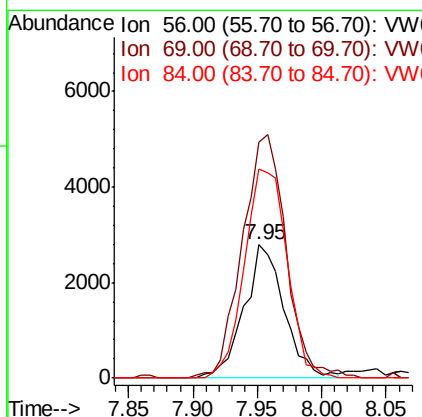
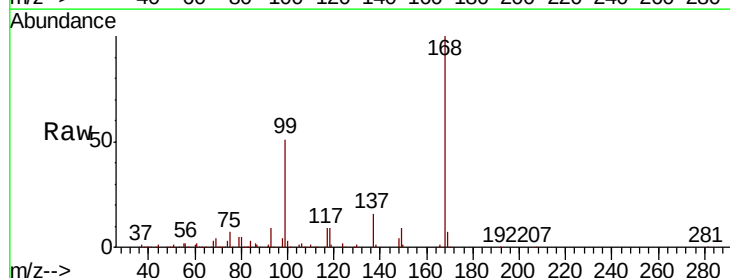
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-60.0-60.5

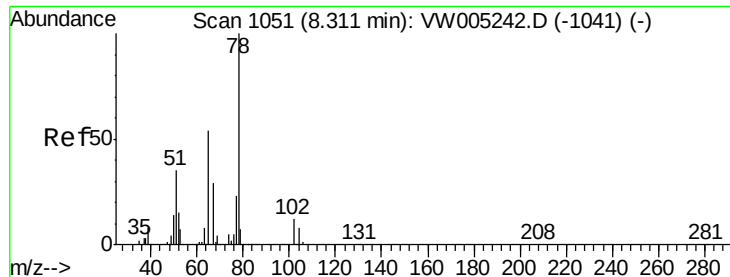
Tgt Ion: 83 Resp: 23106
Ion Ratio Lower Upper
83 100
85 62.8 51.7 77.5



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

Tgt Ion: 56 Resp: 5996
Ion Ratio Lower Upper
56 100
69 177.6 27.8 41.8#
84 156.7 72.1 108.1#

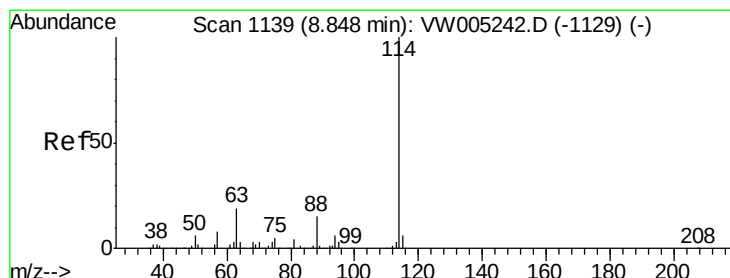
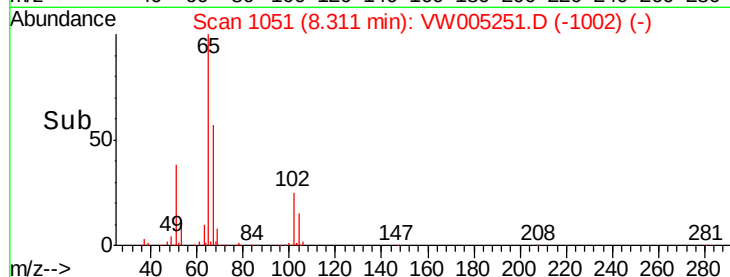
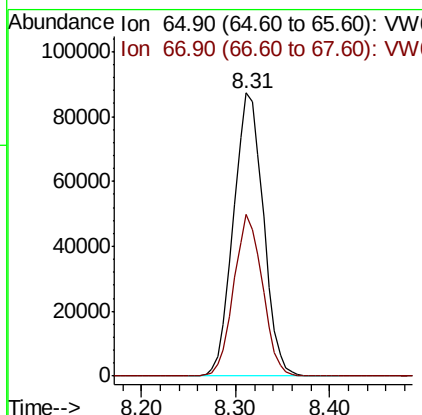
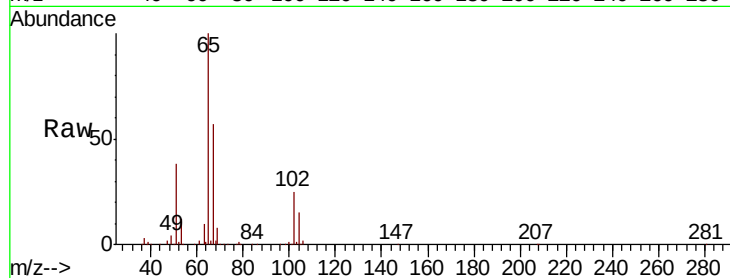




#33
 1,2-Dichloroethane-d4
 Concen: 76.381 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

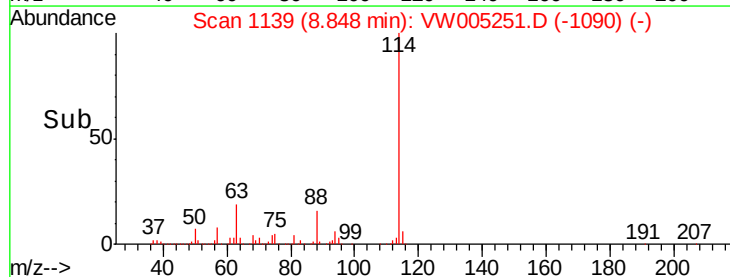
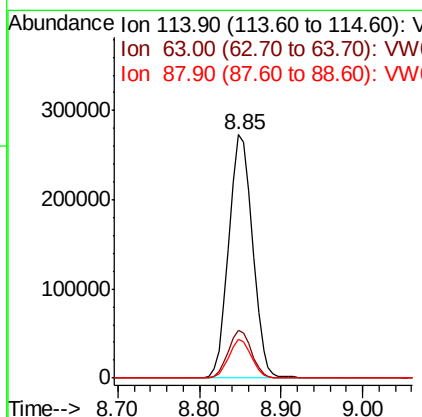
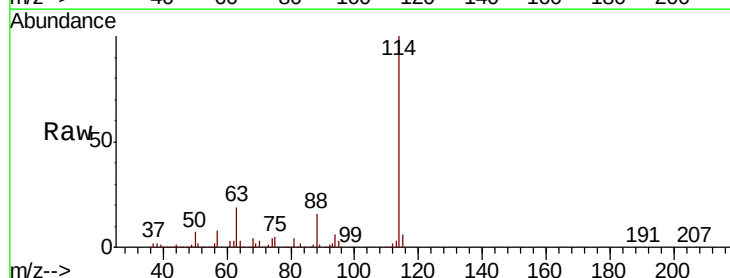
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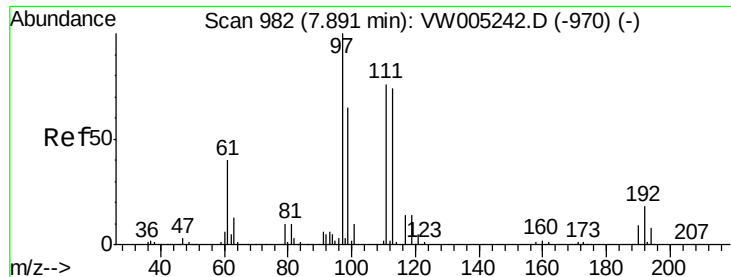
Tgt Ion: 65 Resp: 193478
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

Tgt Ion: 114 Resp: 548344
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.0
 88 16.0 0.0 30.4

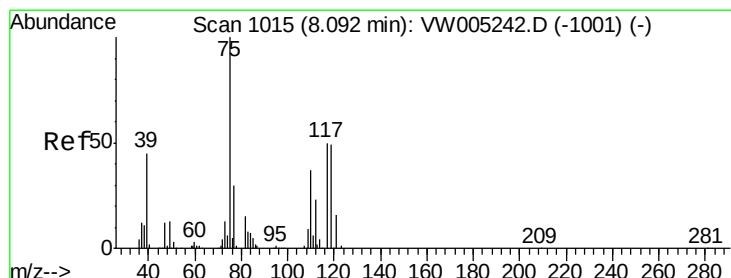
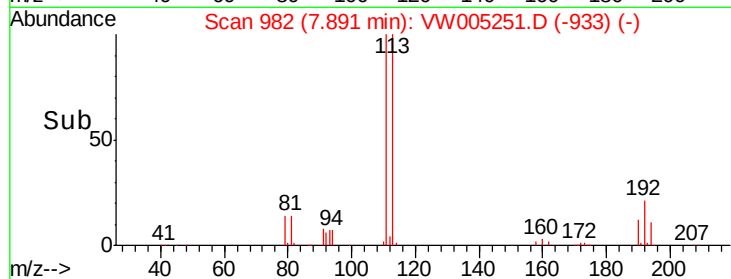
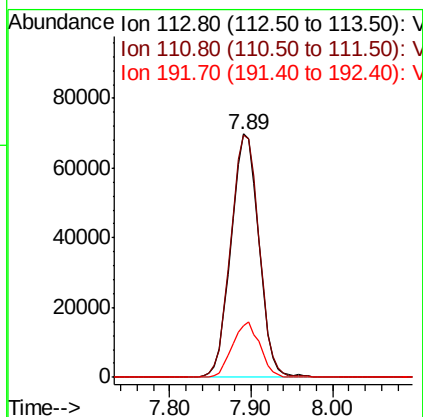
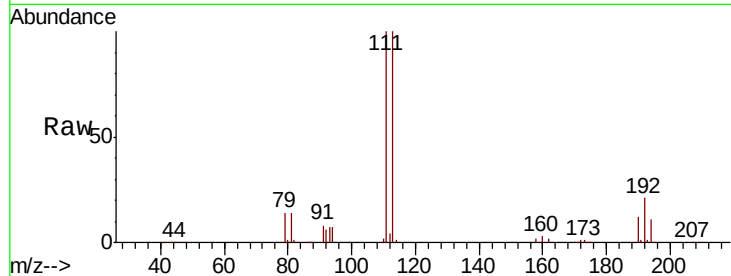




#35
 Dibromofluoromethane
 Concen: 57.169 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

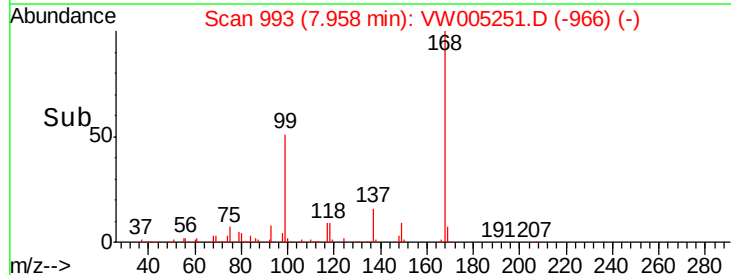
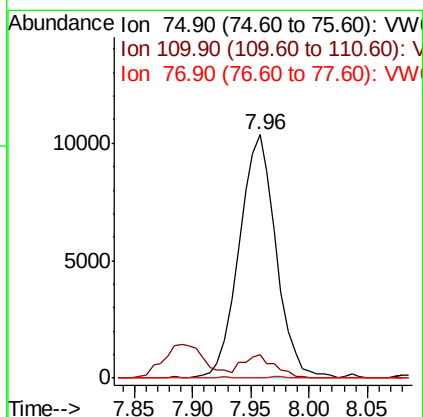
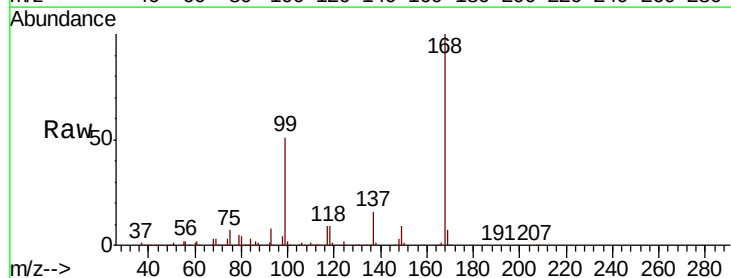
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-60.0-60.5

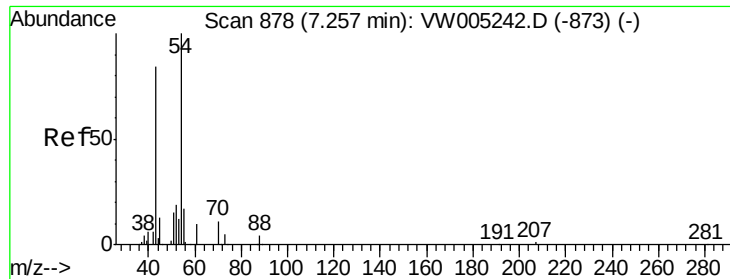
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.6	121.0
192	22.4	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.541 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.8	56.4#
77	0.2	24.9	37.3#

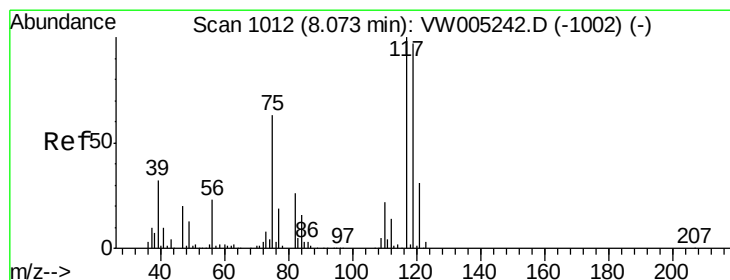
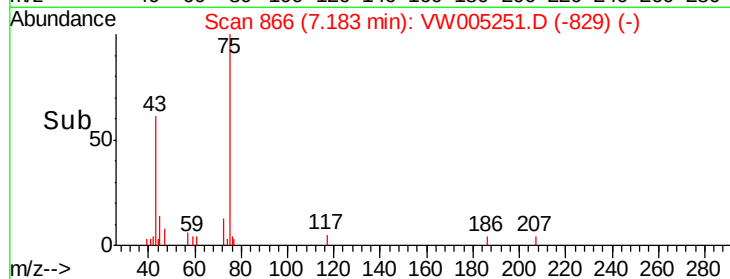
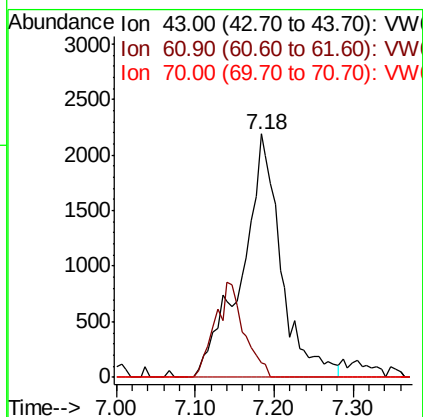
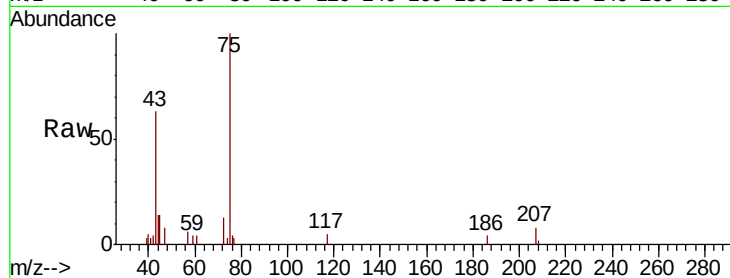




#37
Ethyl Acetate
Concen: 3.982 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

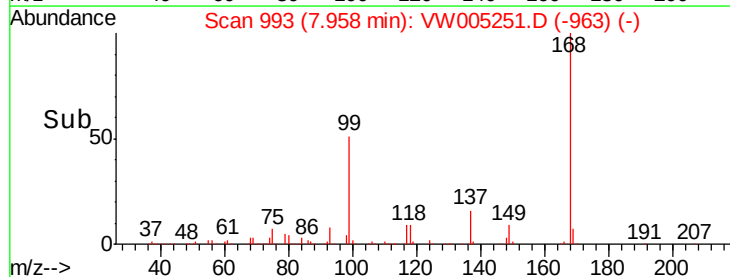
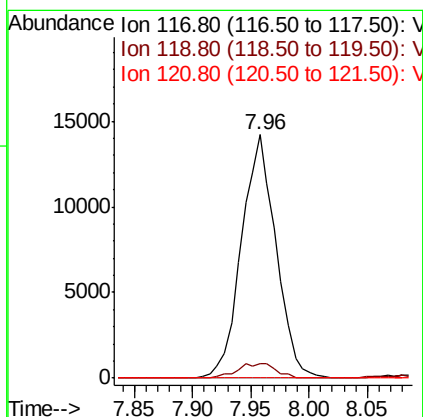
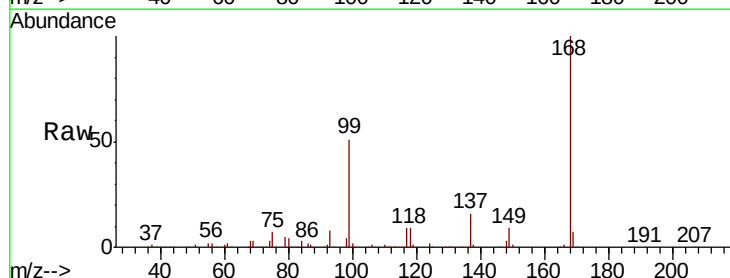
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-60.0-60.5

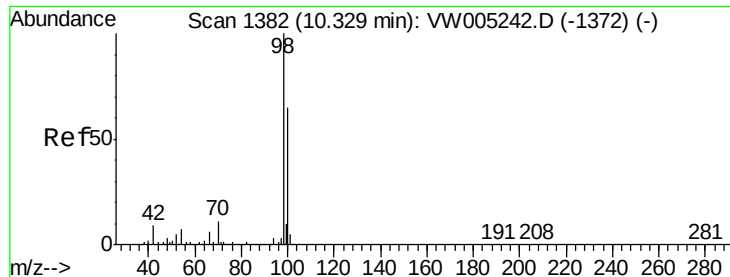
Tgt Ion: 43 Resp: 7609
Ion Ratio Lower Upper
43 100
61 0.0 12.3 18.5#
70 0.0 9.5 14.3#



#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005251.D
Acq: 10 Sep 2018 20:03

Tgt Ion: 117 Resp: 29274
Ion Ratio Lower Upper
117 100
119 6.0 77.5 116.3#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 58.533 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

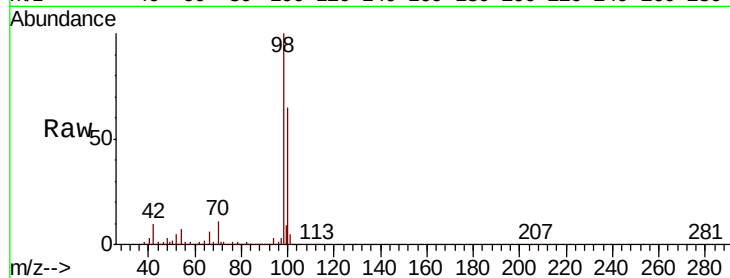
ENY-SB-01-60.0-60.5

Tgt Ion: 98 Resp: 849591

Ion Ratio Lower Upper

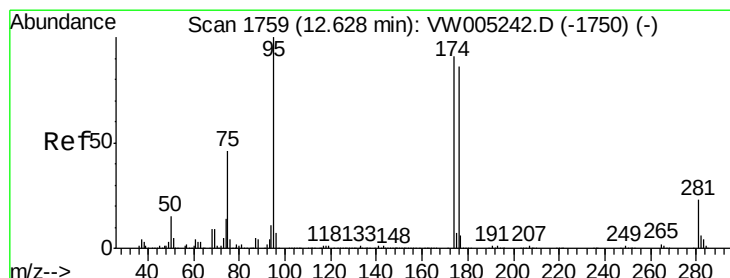
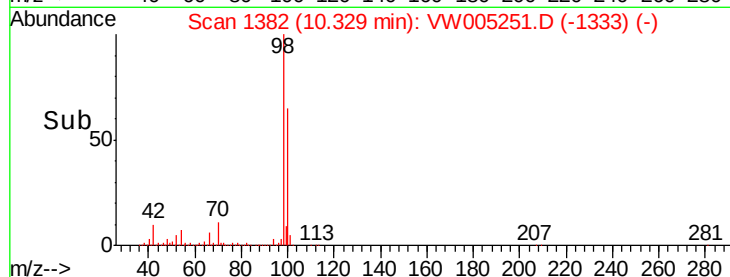
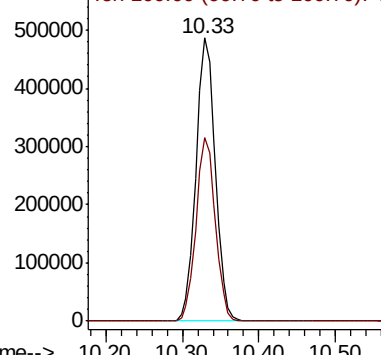
98 100

100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 53.310 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

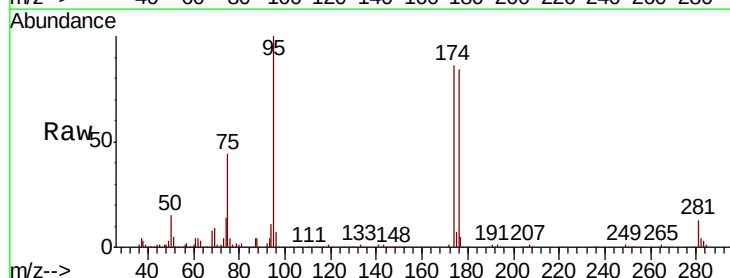
Tgt Ion: 95 Resp: 283027

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.6

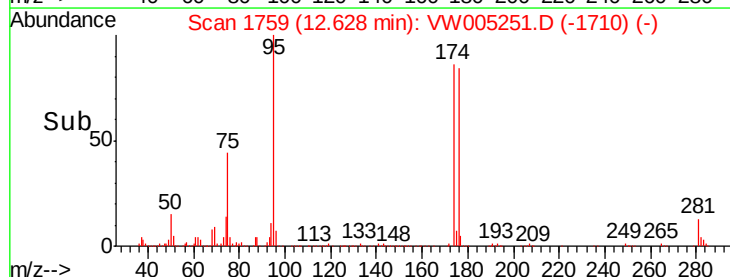
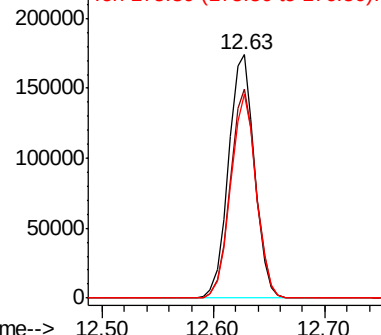
176 82.1 0.0 167.6

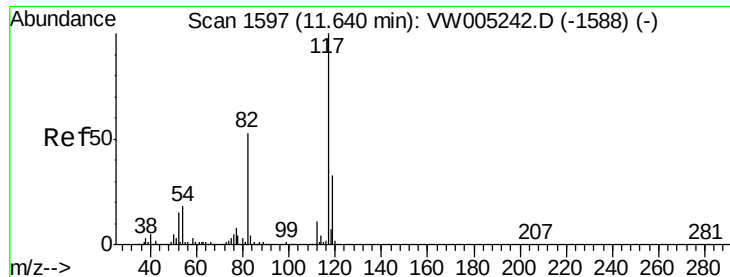


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-60.0-60.5

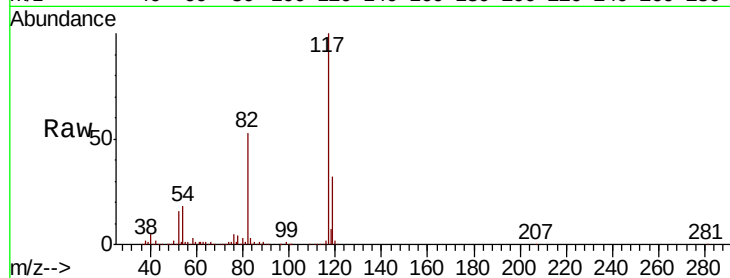
Tgt Ion:117 Resp: 568901

Ion Ratio Lower Upper

117 100

82 53.0 42.6 63.8

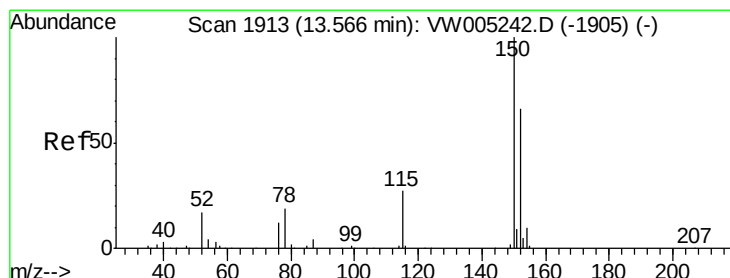
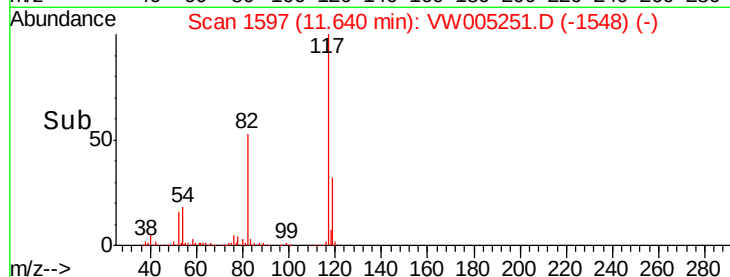
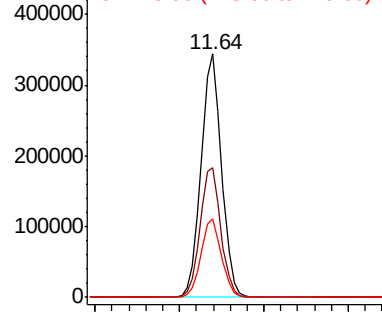
119 32.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005251.D

Acq: 10 Sep 2018 20:03

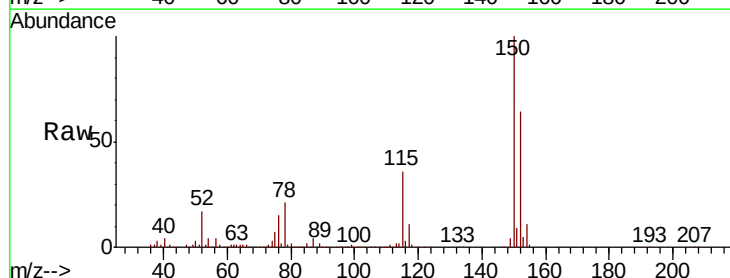
Tgt Ion:152 Resp: 257712

Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.4

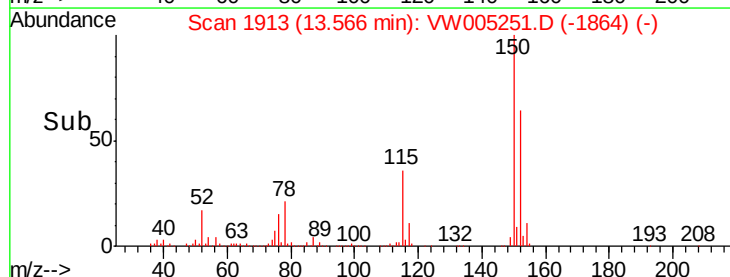
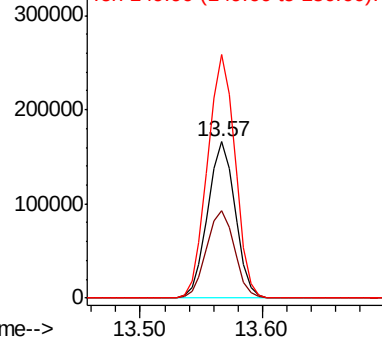
150 156.7 0.0 347.4

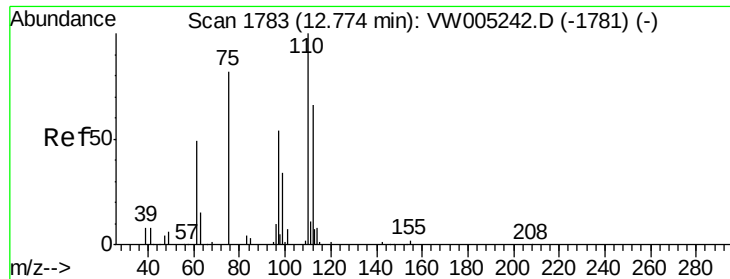


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

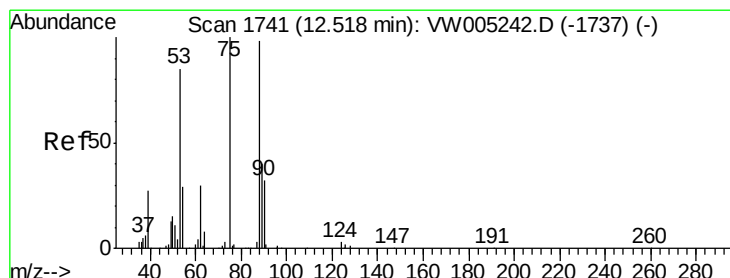
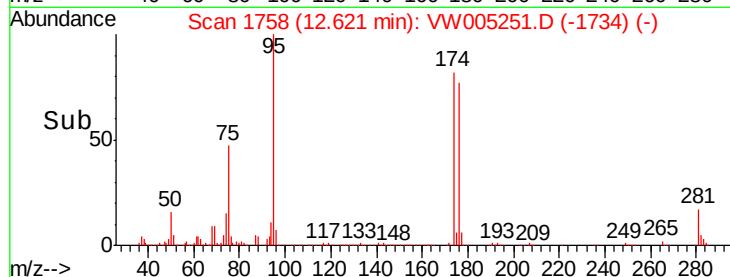
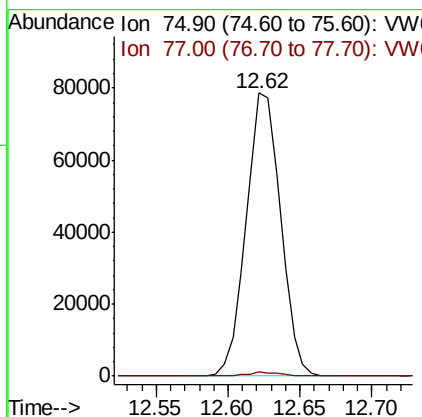
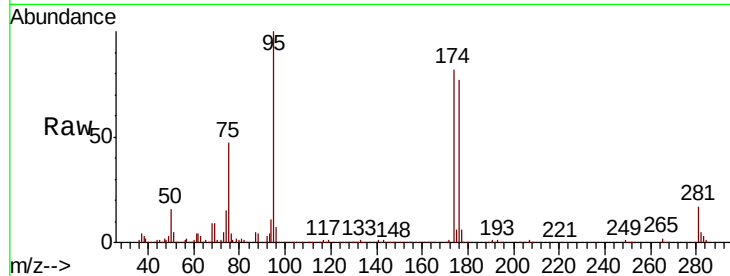




#76
 1,2,3-Trichloropropane
 Concen: 65.525 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-60.0-60.5

Tgt Ion: 75 Resp: 129884
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.672 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005251.D
 Acq: 10 Sep 2018 20:03

Tgt Ion: 75 Resp: 129884
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.0 100.6#
 89 0.1 37.0 55.4#

