

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
 Data File : VW005418.D
 Acq On : 15 Sep 2018 07:18
 Operator : SY/AP
 Sample : J4802-01RE
 Misc : 13.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Quant Time: Sep 17 00:58:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	231378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	357181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104692	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
35) Dibromofluoromethane	7.89	113	81963	38.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.22%	
50) Toluene-d8	10.33	98	394489	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	221144	61.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	210	Below Cal	#	42
5) Bromomethane	2.78	94	238	Below Cal	#	79
10) Methyl Iodide	4.27	142	174	4.115	ug/l #	68
11) Tert butyl alcohol	5.23	59	15865	97.824	ug/l #	71
13) Acrolein	3.90	56	4227	36.195	ug/l #	12
16) Acetone	4.15	43	480378	1479.486	ug/l	100
17) Carbon Disulfide	4.39	76	9731	1.543	ug/l	99
20) Methylene Chloride	4.93	84	11341	Below Cal		93
25) 2-Butanone	7.18	43	221029	382.574	ug/l	96
29) Tetrahydrofuran	7.54	42	3206	8.711	ug/l #	51
30) Chloroform	7.63	83	96360	23.417	ug/l #	18
31) Cyclohexane	7.96	56	13884	3.622	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	17232	4.747	ug/l #	51
37) Ethyl Acetate	7.18	43	221029	149.721	ug/l #	69
38) Carbon Tetrachloride	7.96	117	22748	6.014	ug/l #	16
39) Methylcyclohexane	9.34	83	31321	7.425	ug/l #	1
40) Benzene	8.33	78	1078346	102.545	ug/l	100
41) Methacrylonitrile	7.54	41	22654	25.435	ug/l #	51
42) 1,2-Dichloroethane	8.33	62	10346	3.143	ug/l	97
43) Isopropyl Acetate	8.49	43	22020	7.643	ug/l #	52
47) Bromodichloromethane	9.63	83	8097	2.418	ug/l #	25
48) Methyl methacrylate	9.40	41	6201	4.313	ug/l #	10
51) 4-Methyl-2-Pentanone	10.26	43	14546	9.808	ug/l #	51
52) Toluene	10.40	92	803790	112.868	ug/l	100
55) 1,1,2-Trichloroethane	10.77	97	5357	2.916	ug/l #	1
56) Ethyl methacrylate	10.63	69	38352	16.495	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.91	63	1782	1.695	ug/l #	52
59) 2-Hexanone	10.98	43	101262	100.233	ug/l	95
67) Ethyl Benzene	11.74	91	709512	53.222	ug/l	100
68) m/p-Xylenes	11.84	106	233212	45.454	ug/l	99
69) o-Xylene	12.17	106	330076	69.085	ug/l	97
70) Styrene	12.18	104	76551	9.709	ug/l #	34
73) Isopropylbenzene	12.47	105	41835	3.477	ug/l	96
74) N-amyl acetate	12.24	43	166686	65.749	ug/l #	48

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

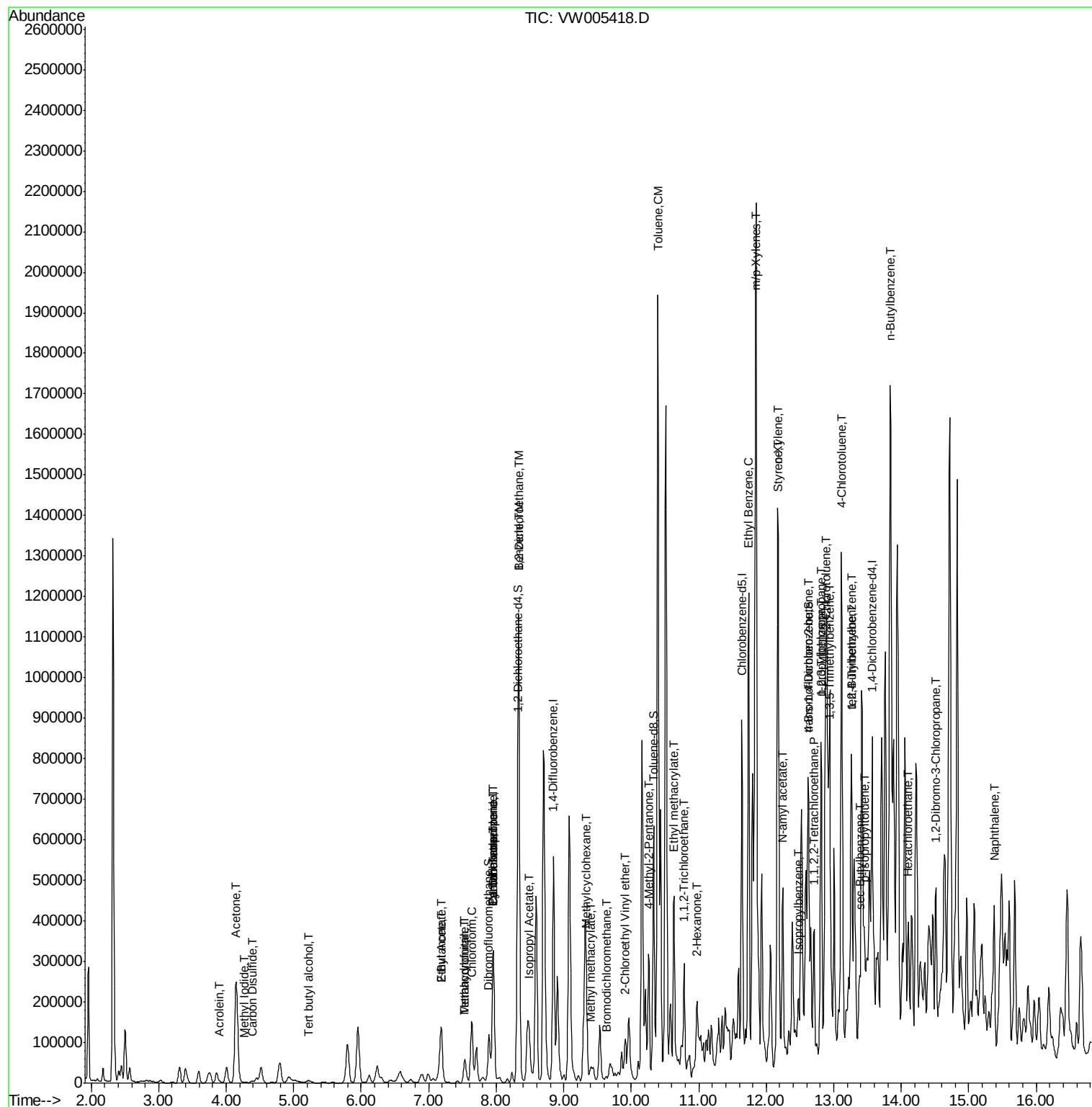
75) 1,1,2,2-Tetrachloroethane	12.70	83	4484	2.555	ug/l #	67
76) 1,2,3-Trichloropropane	12.82	75	3307	2.345	ug/l #	100
78) n-propylbenzene	12.81	91	533478	36.742	ug/l	100
79) 2-Chlorotoluene	12.87	91	40762	4.759	ug/l #	49
80) 1,3,5-Trimethylbenzene	12.95	105	55762	5.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	78728	144.797	ug/l #	9
82) 4-Chlorotoluene	13.11	91	83660	9.251	ug/l #	42
83) tert-Butylbenzene	13.26	119	40367	4.630	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.26	105	301756	28.313	ug/l	100
85) sec-Butylbenzene	13.39	105	21214	1.684	ug/l #	55
86) p-Isopropyltoluene	13.45	119	41751	3.706	ug/l	95
89) n-Butylbenzene	13.83	91	496697	47.343	ug/l	93
90) Hexachloroethane	14.10	117	16120	8.350	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1732	5.138	ug/l #	5
95) Naphthalene	15.38	128	237816	42.428	ug/l	99

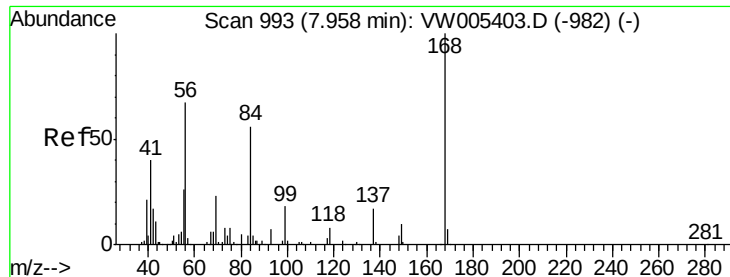
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

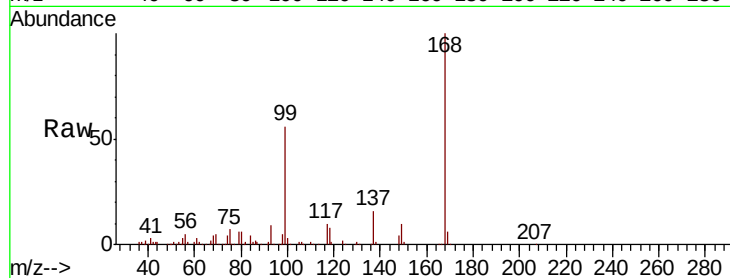
ENY-SB-01-54.5-55.0

Tgt Ion:168 Resp: 231378

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

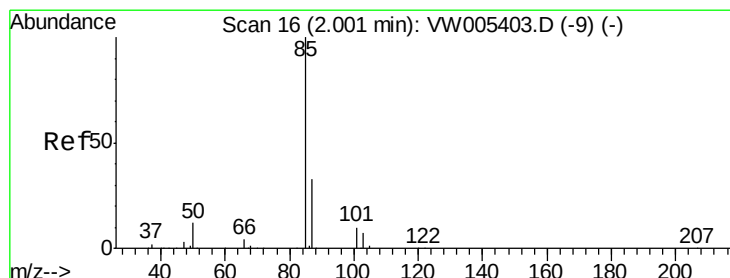
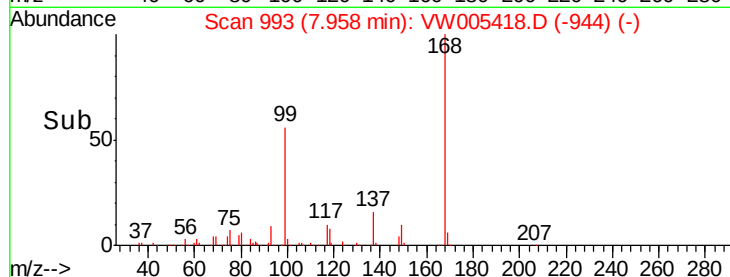
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005418.D

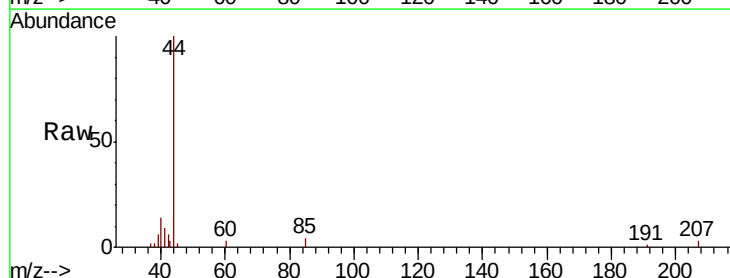
Acq: 15 Sep 2018 07:18

Tgt Ion: 85 Resp: 210

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200

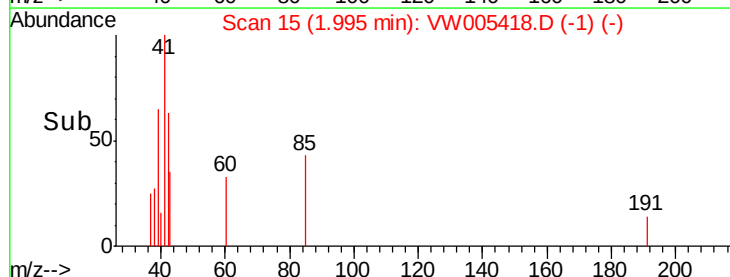
150

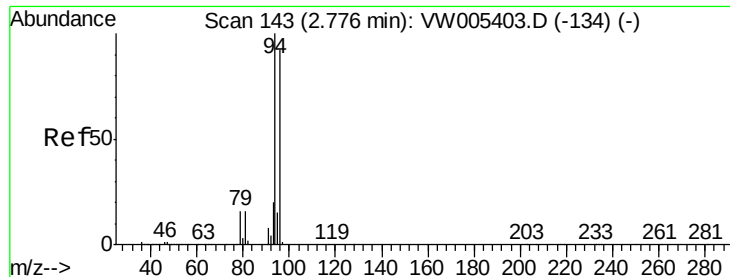
100

50

0

Time--> 1.96 1.98 2.00 2.02 2.04





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

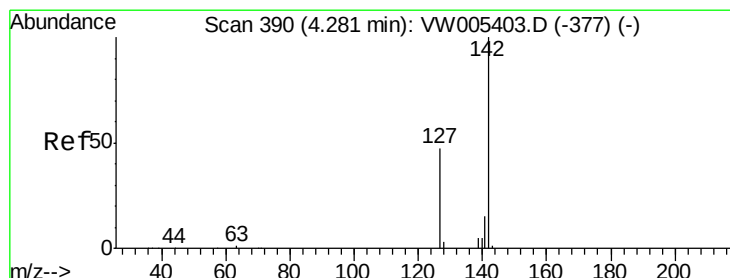
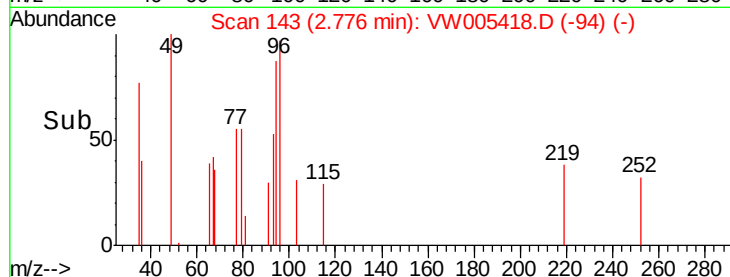
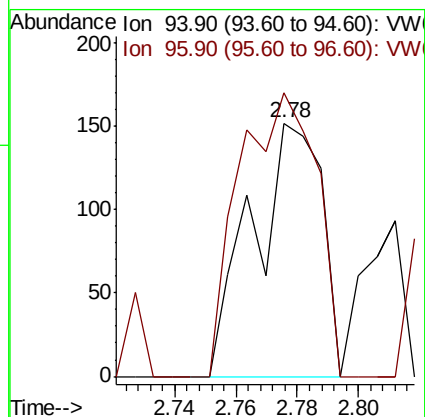
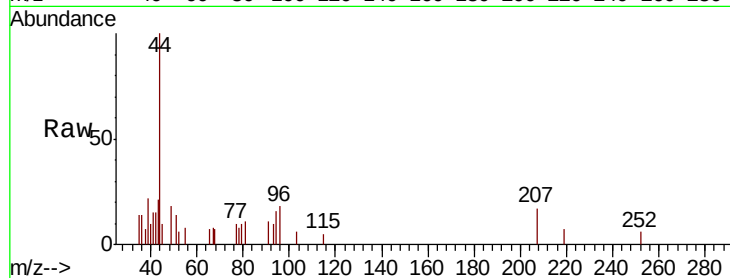
ENY-SB-01-54.5-55.0

Tgt Ion: 94 Resp: 238

Ion Ratio Lower Upper

94 100

96 111.8 73.7 110.5#



#10

Methyl Iodide

Concen: 4.115 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

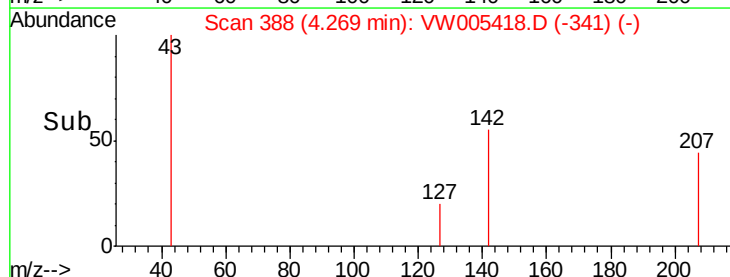
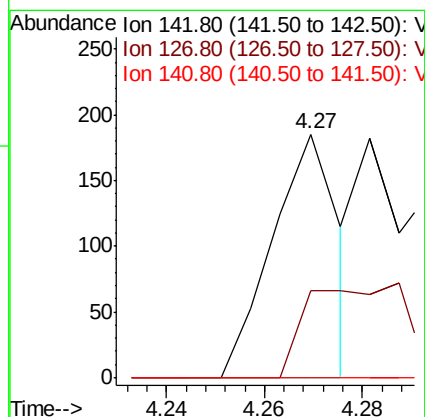
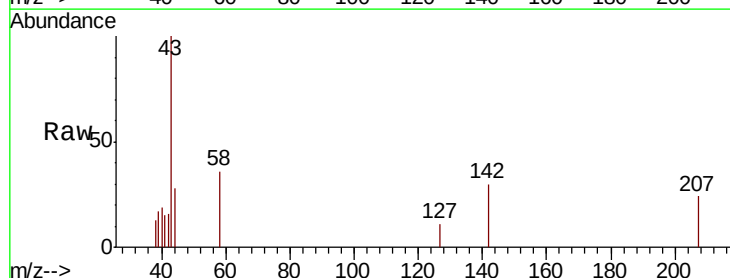
Tgt Ion: 142 Resp: 174

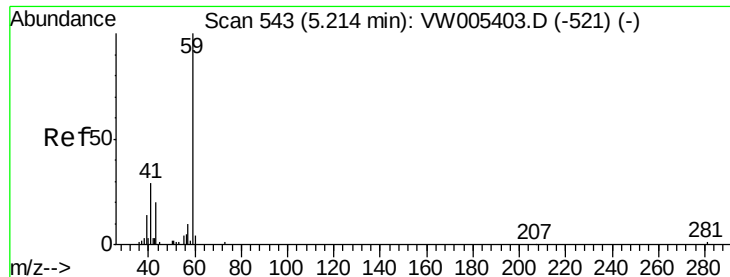
Ion Ratio Lower Upper

142 100

127 67.2 37.5 56.3#

141 0.0 12.4 18.6#

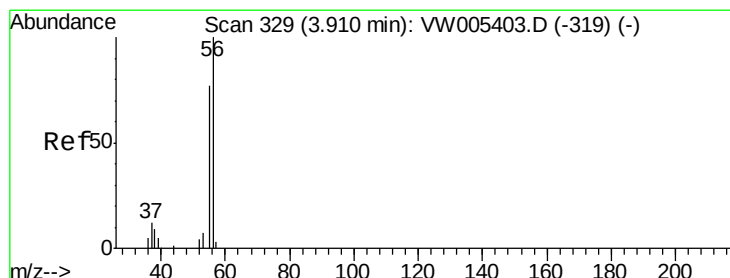
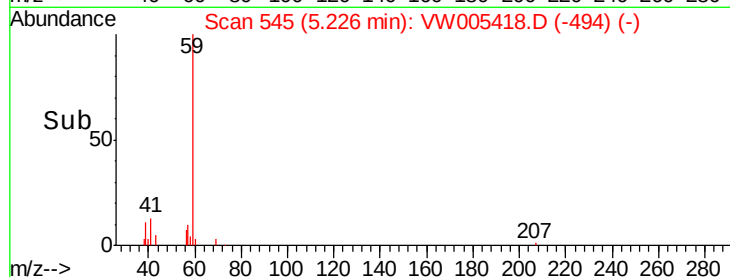
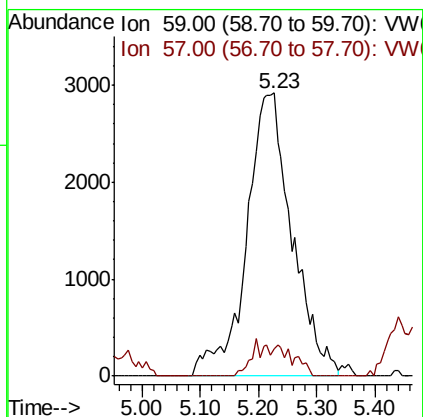
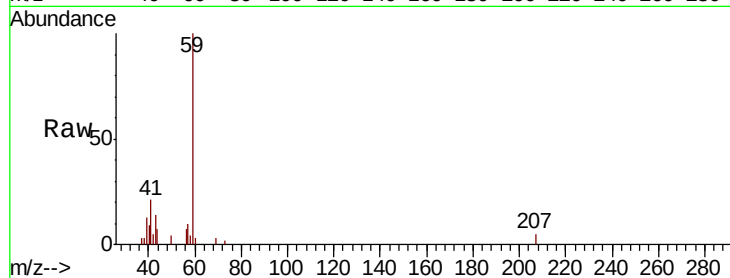




#11
Tert butyl alcohol
Concen: 97.824 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

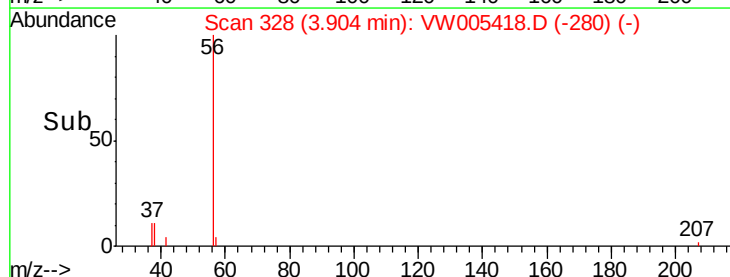
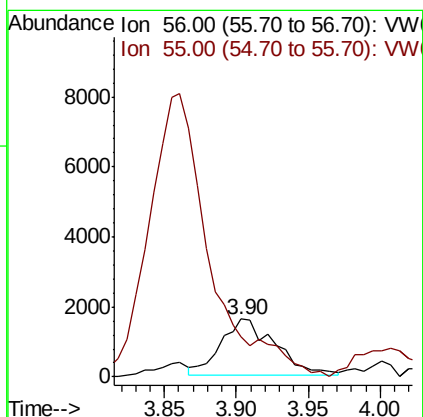
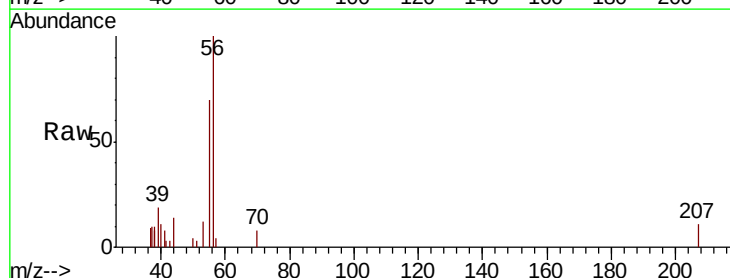
Instrument :
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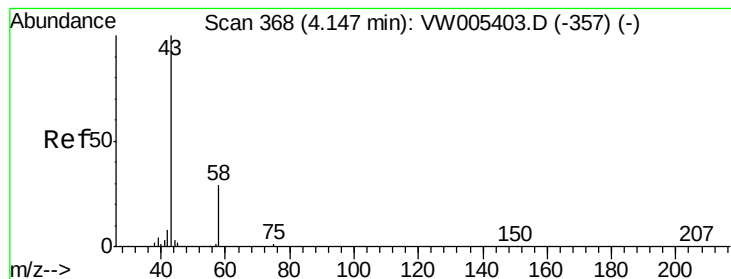
Tgt Ion: 59 Resp: 15865
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 36.195 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 56 Resp: 4227
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.8#





#16

Acetone

Concen: 1479.486 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

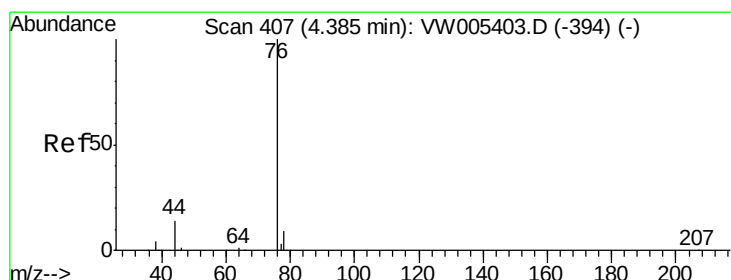
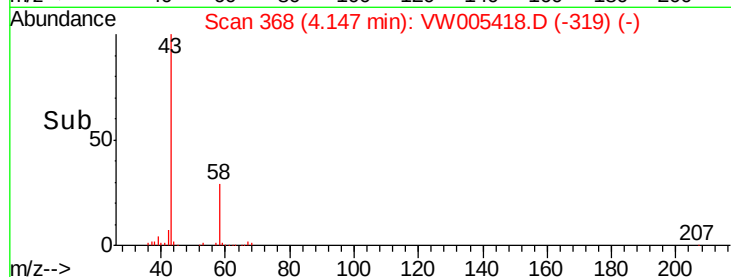
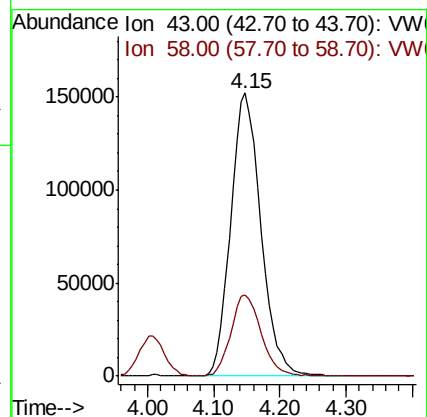
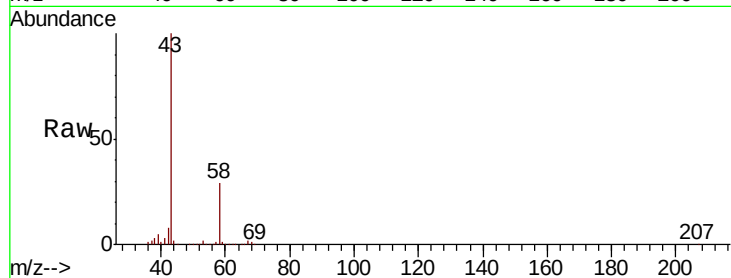
ENY-SB-01-54.5-55.0

Tgt Ion: 43 Resp: 480378

Ion Ratio Lower Upper

43 100

58 28.6 22.8 34.2



#17

Carbon Disulfide

Concen: 1.543 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005418.D

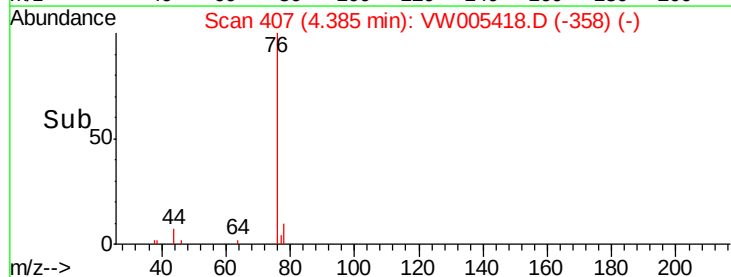
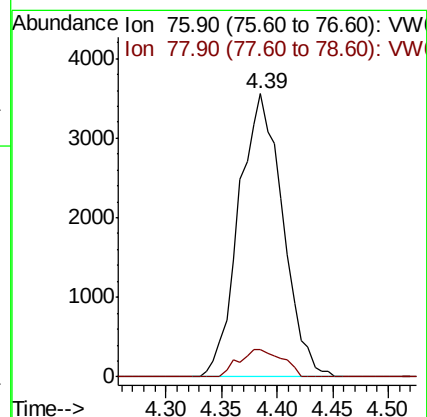
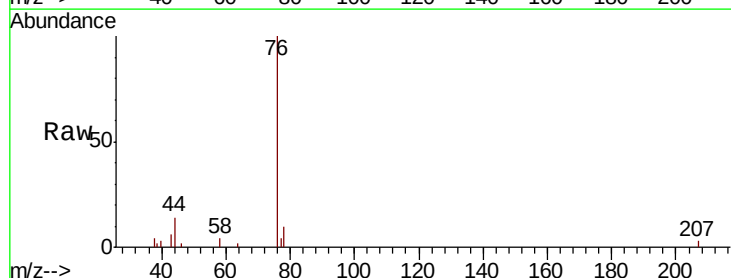
Acq: 15 Sep 2018 07:18

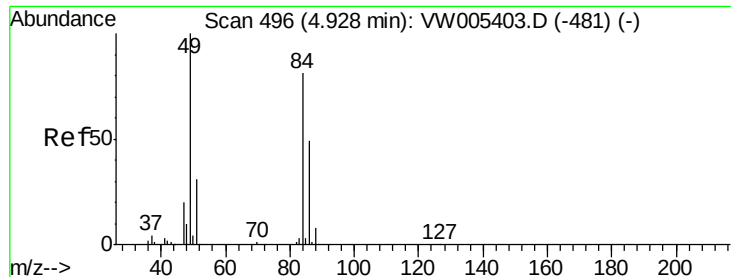
Tgt Ion: 76 Resp: 9731

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

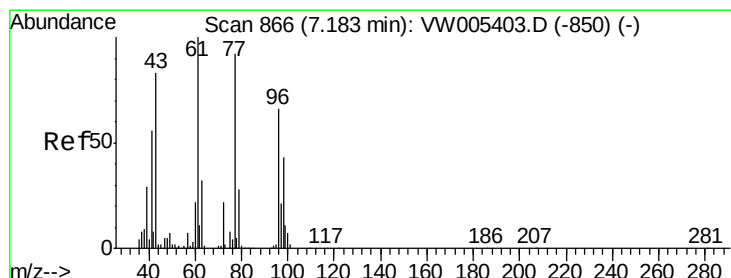
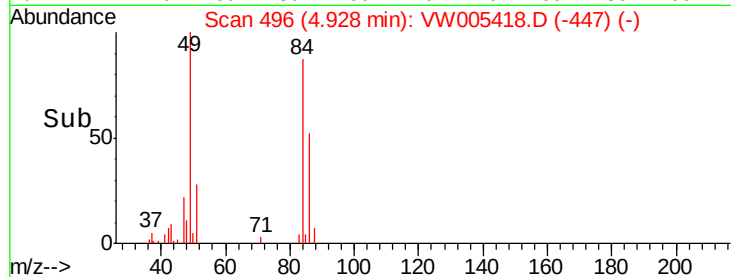
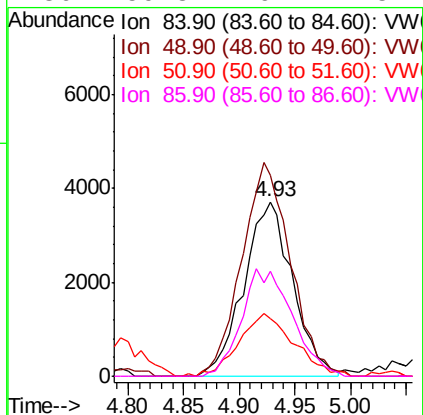
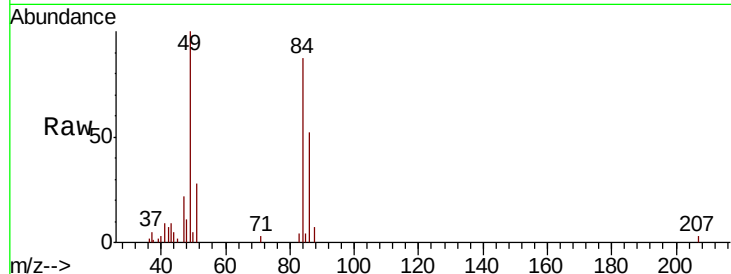




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

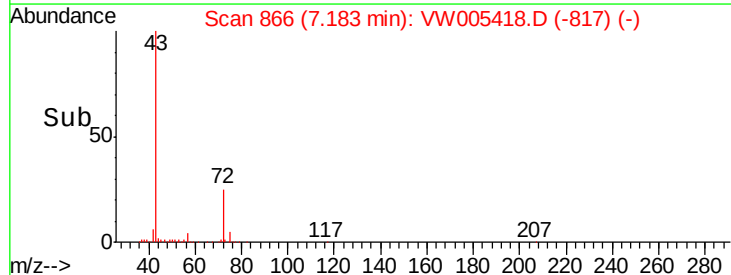
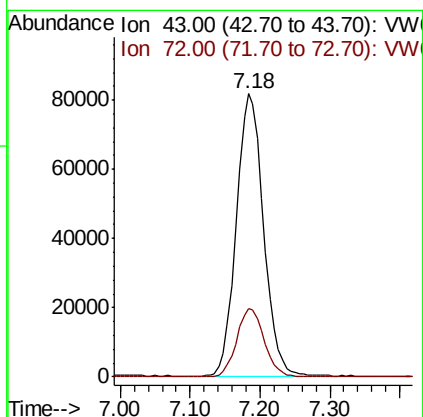
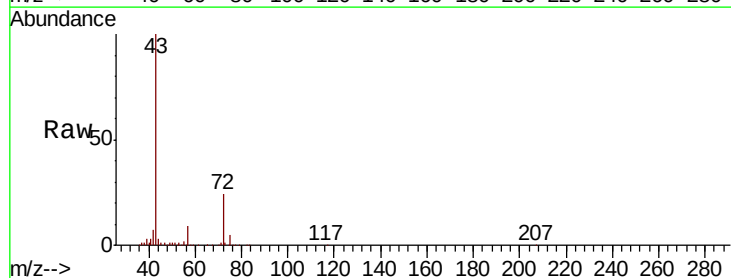
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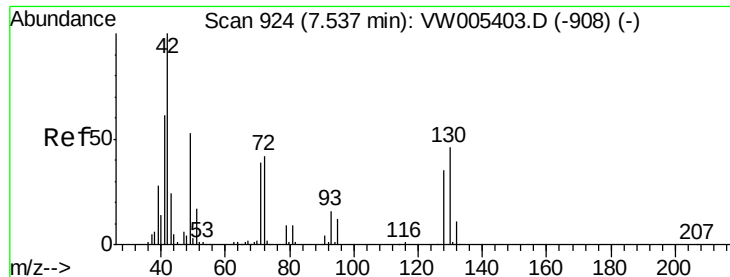
Tgt Ion:	84	Resp:	11341
Ion	Ratio	Lower	Upper
84	100		
49	115.5	99.3	148.9
51	31.2	31.1	46.7
86	59.8	49.1	73.7



#25
2-Butanone
Concen: 382.574 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion:	43	Resp:	221029
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.1	31.7

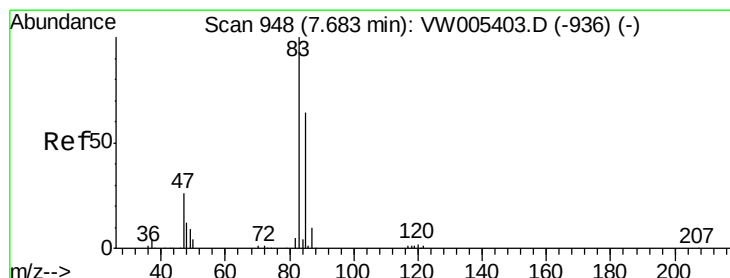
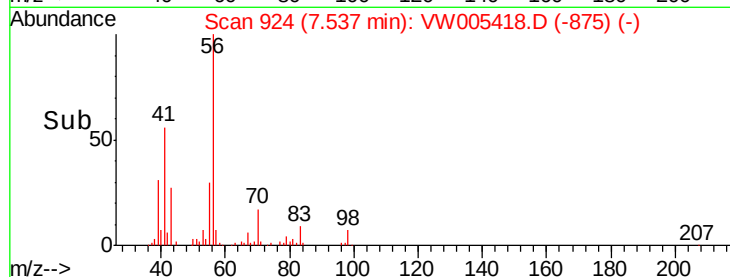
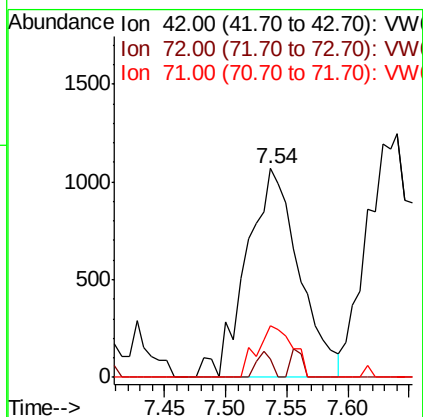
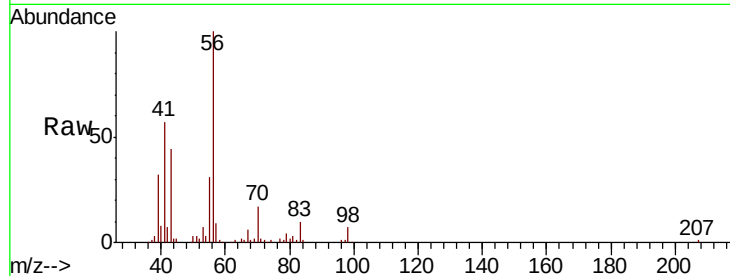




#29
Tetrahydrofuran
Concen: 8.711 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

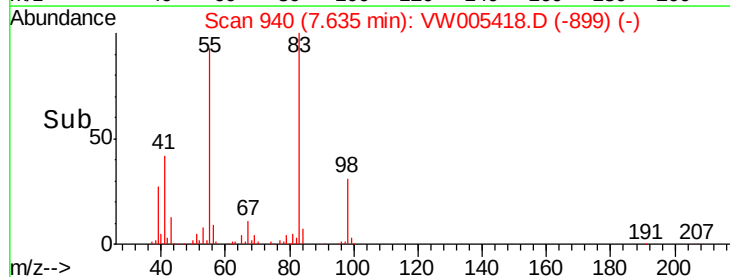
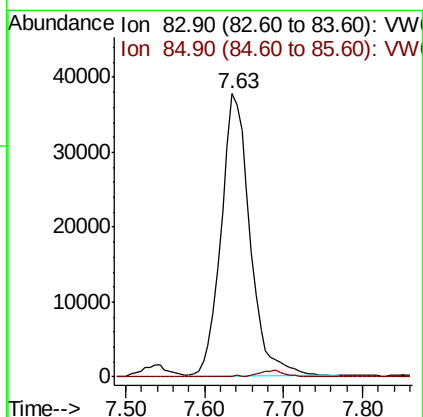
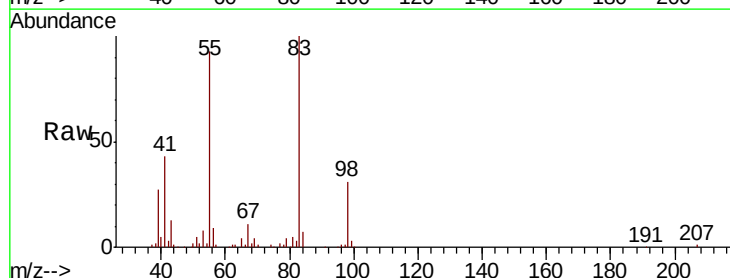
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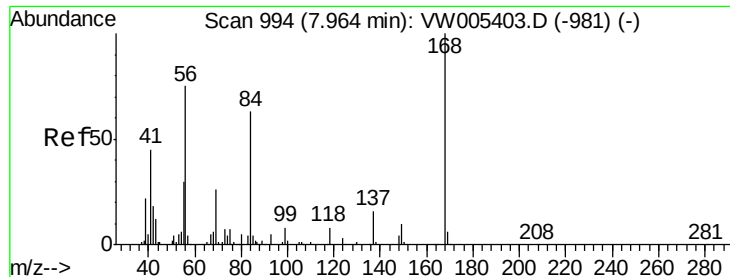
Tgt Ion: 42 Resp: 3206
Ion Ratio Lower Upper
42 100
72 3.6 33.2 49.8#
71 16.7 31.0 46.6#



#30
Chloroform
Concen: 23.417 ug/l
RT: 7.63 min Scan# 940
Delta R.T. -0.05 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 83 Resp: 96360
Ion Ratio Lower Upper
83 100
85 0.0 51.5 77.3#

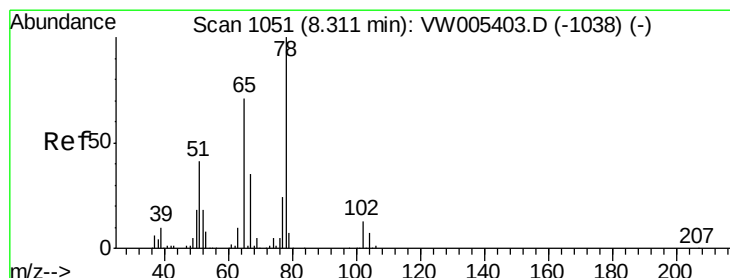
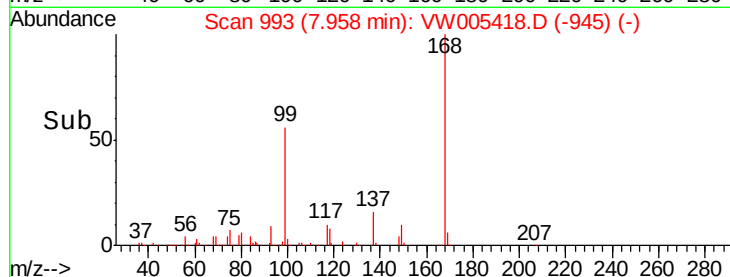
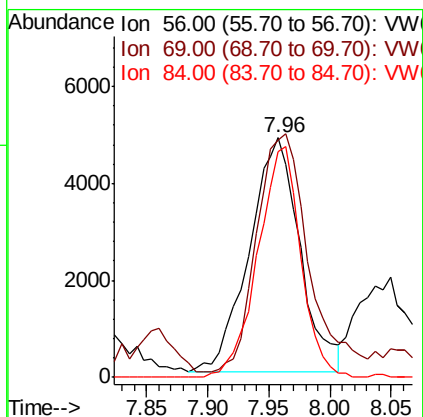
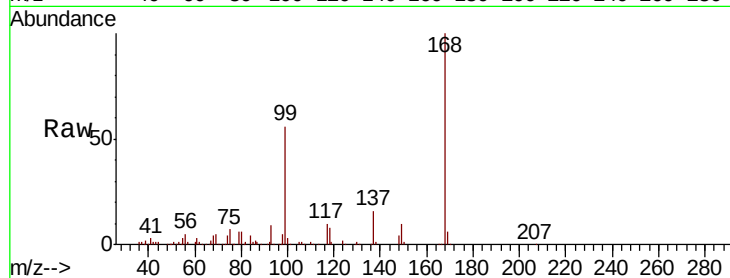




#31
Cyclohexane
Concen: 3.622 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

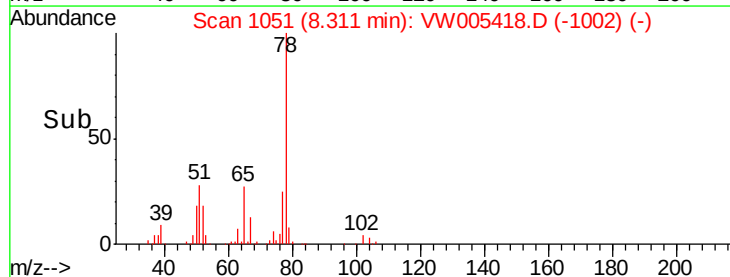
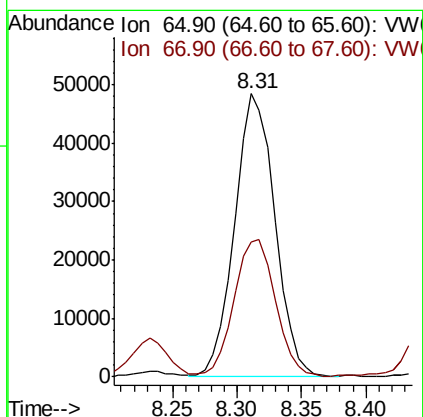
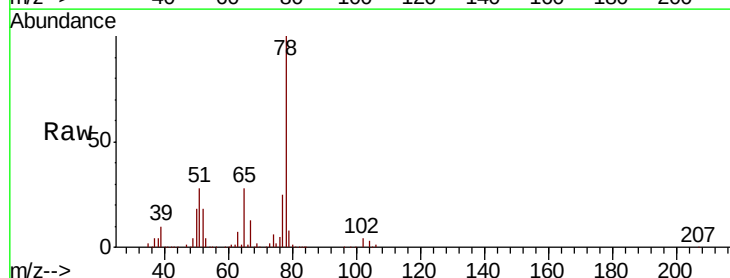
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

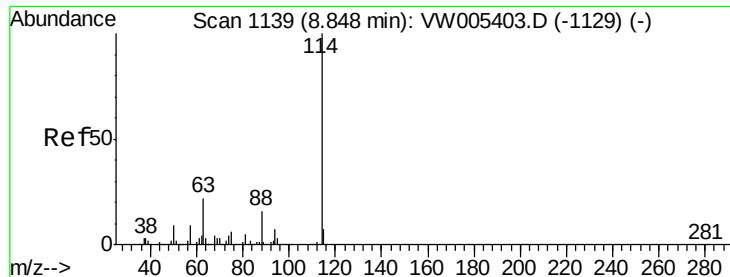
Tgt Ion: 56 Resp: 13884
Ion Ratio Lower Upper
56 100
69 95.3 27.2 40.8#
84 96.6 66.7 100.1



#33
1,2-Dichloroethane-d4
Concen: 43.590 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 65 Resp: 104692
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.6

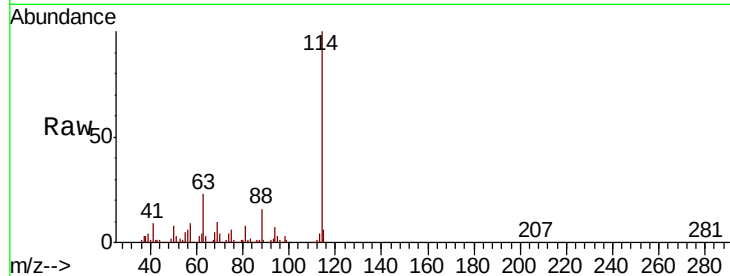




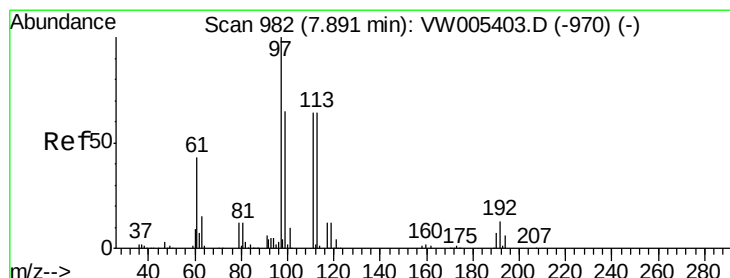
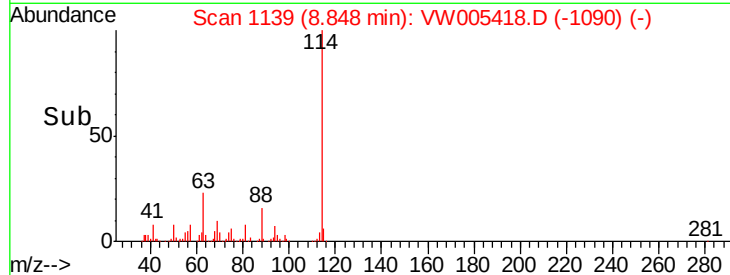
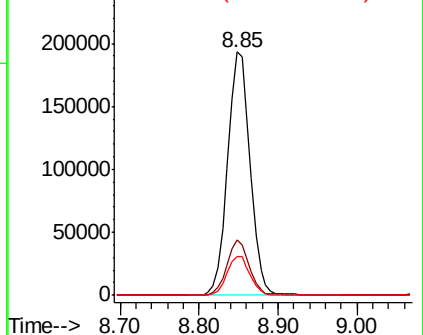
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

Tgt Ion:114 Resp: 383584
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.1 0.0 31.8

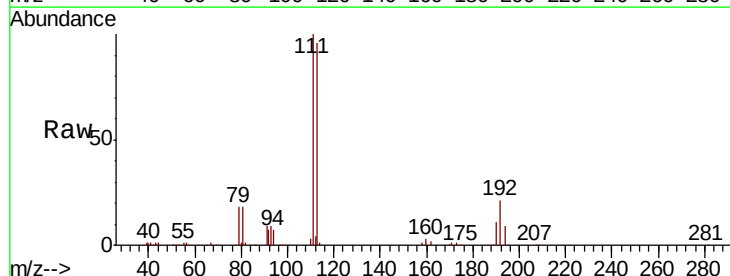


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

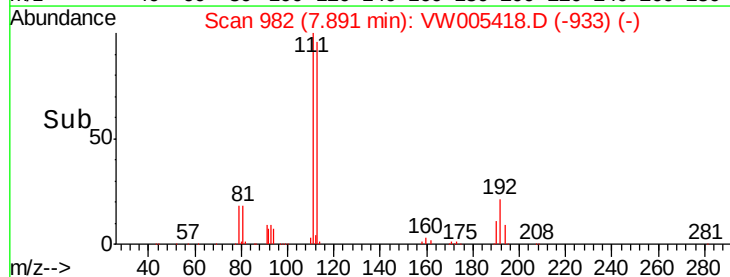
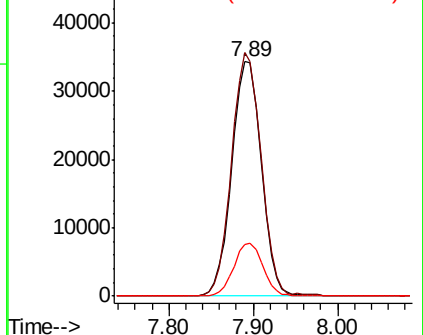


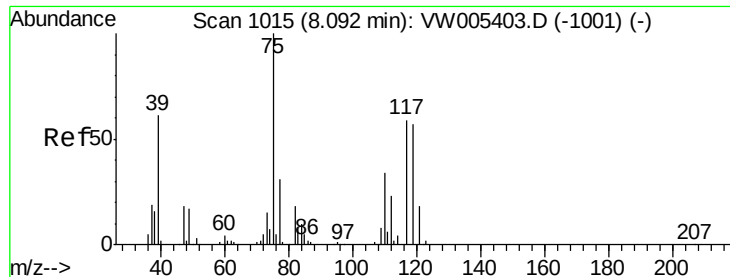
#35
 Dibromofluoromethane
 Concen: 38.110 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion:113 Resp: 81963
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.3 123.5
 192 22.1 16.5 24.7



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

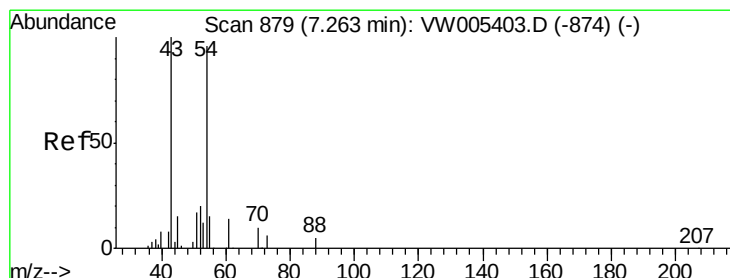
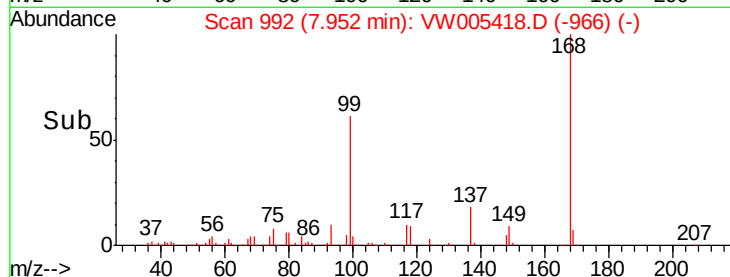
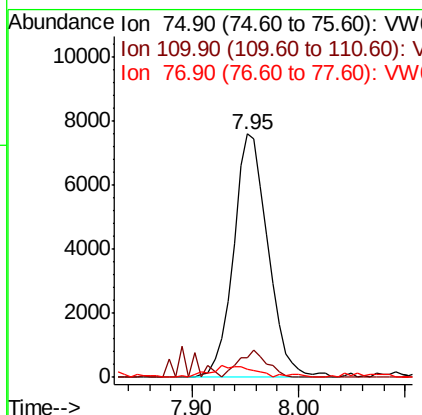
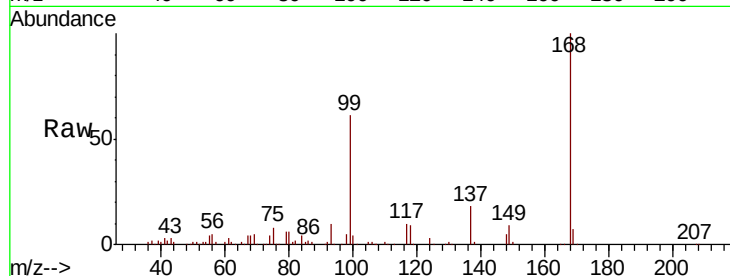




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

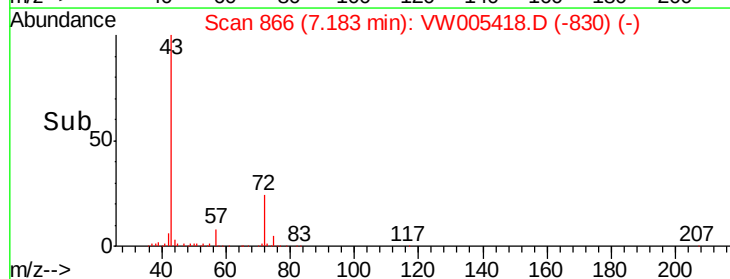
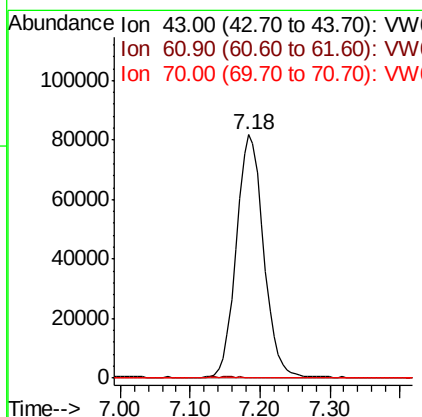
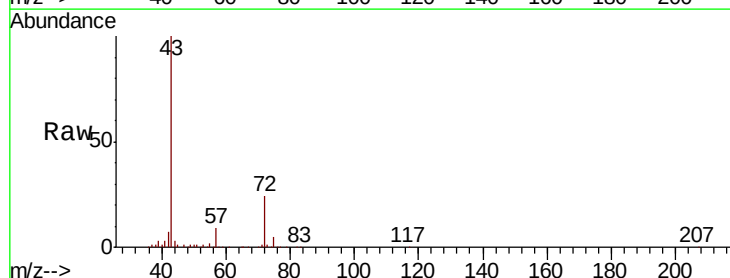
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

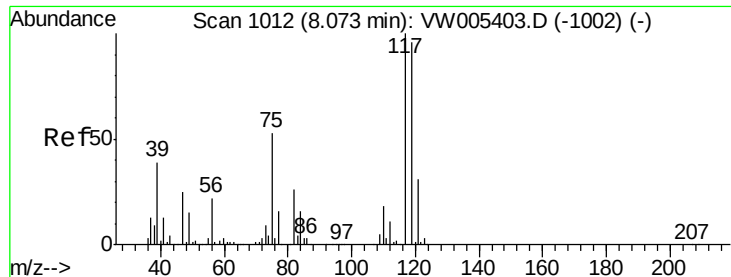
Tgt Ion: 75 Resp: 17232
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.8 50.4#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 149.721 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion: 43 Resp: 221029
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.2 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

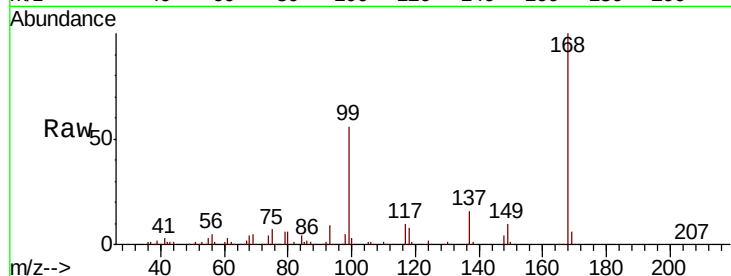
Tgt Ion:117 Resp: 22748

Ion Ratio Lower Upper

117 100

119 5.5 76.8 115.2#

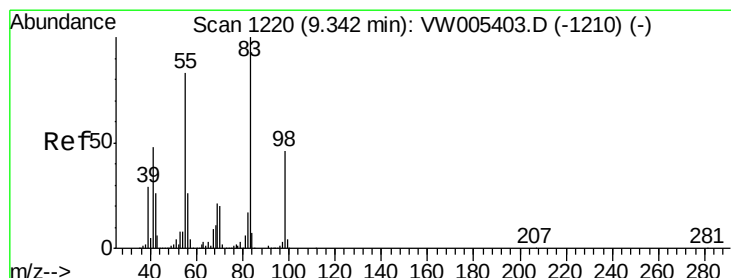
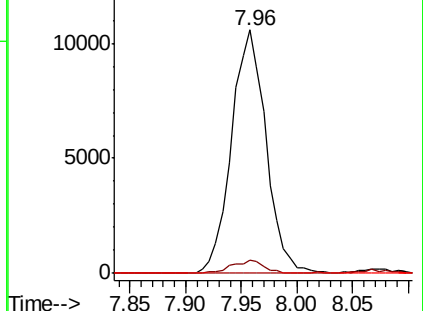
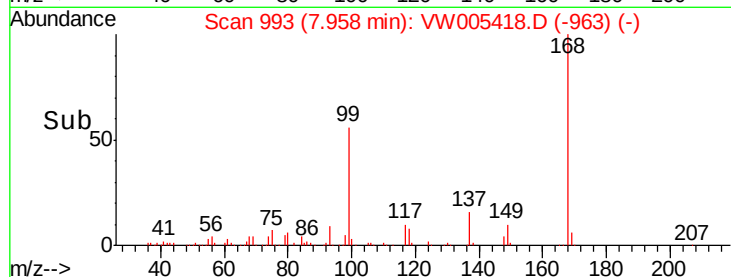
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 7.425 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

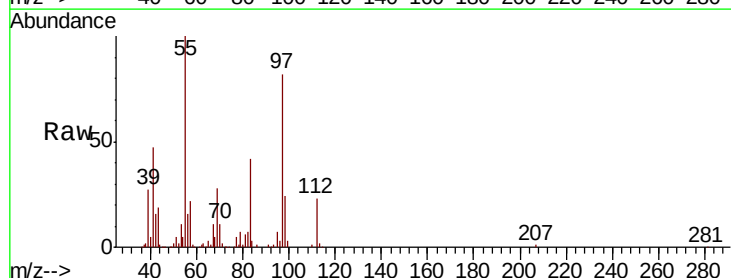
Tgt Ion: 83 Resp: 31321

Ion Ratio Lower Upper

83 100

55 233.7 66.1 99.1#

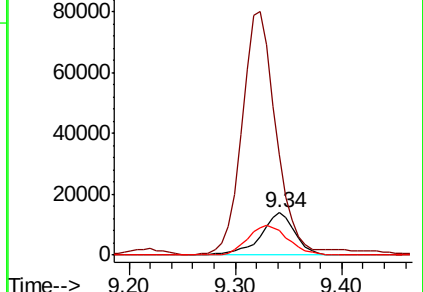
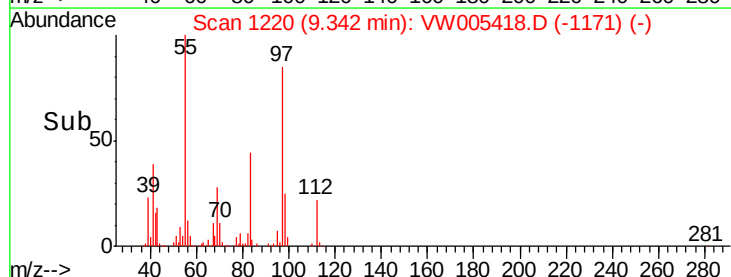
98 57.6 36.7 55.1#

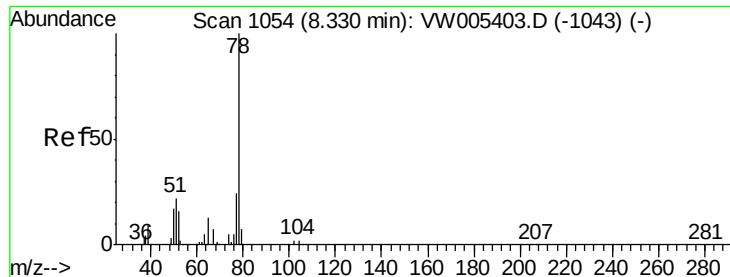


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 102.545 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

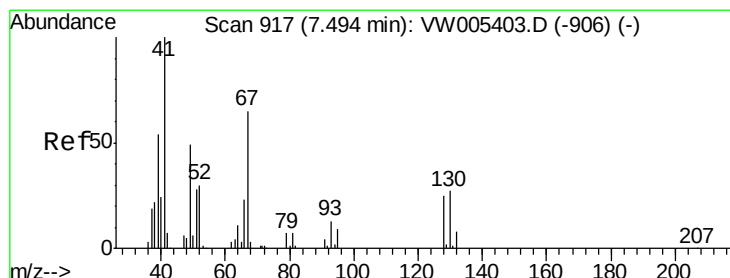
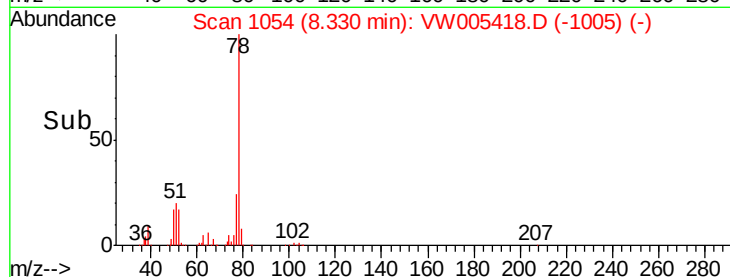
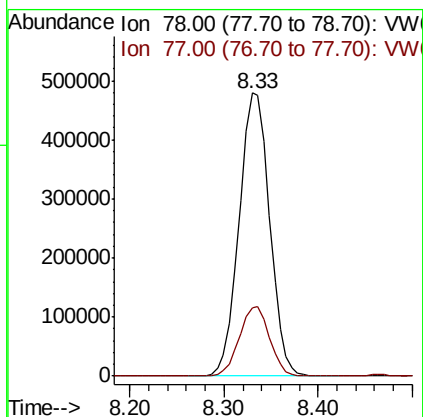
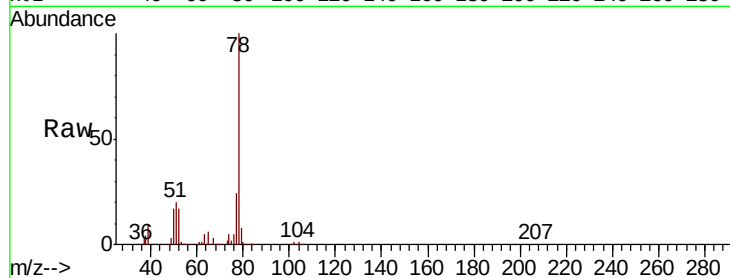
ENY-SB-01-54.5-55.0

Tgt Ion: 78 Resp: 1078346

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9



#41

Methacrylonitrile

Concen: 25.435 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.04 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Tgt Ion: 41 Resp: 22654

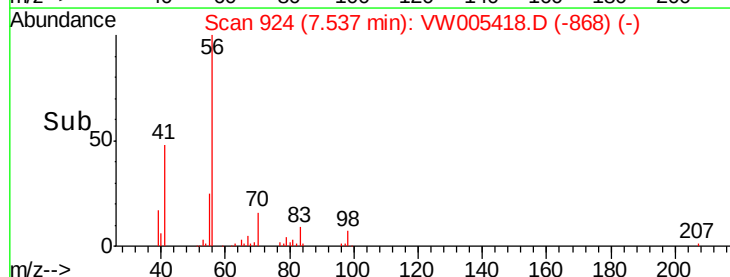
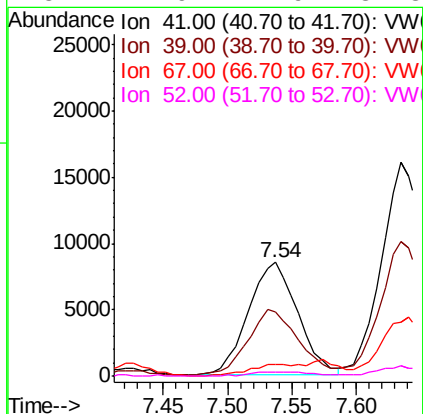
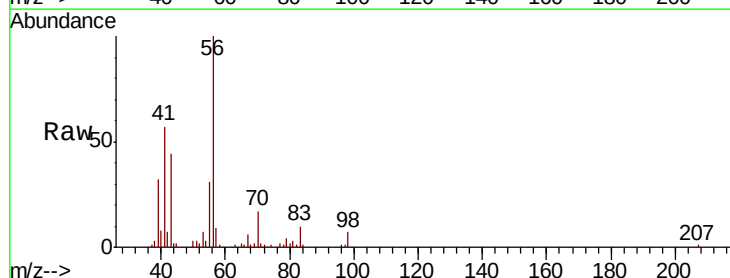
Ion Ratio Lower Upper

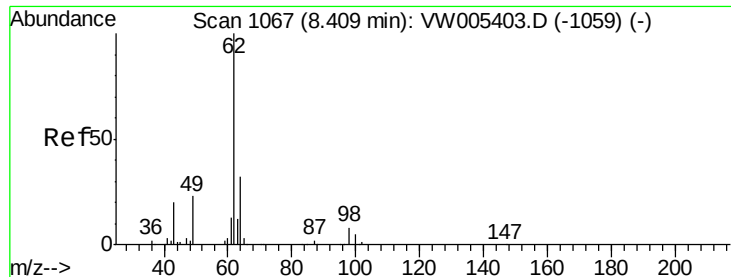
41 100

39 59.8 44.6 67.0

67 0.0 53.6 80.4#

52 1.9 24.9 37.3#





#42

1,2-Dichloroethane

Concen: 3.143 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.08 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

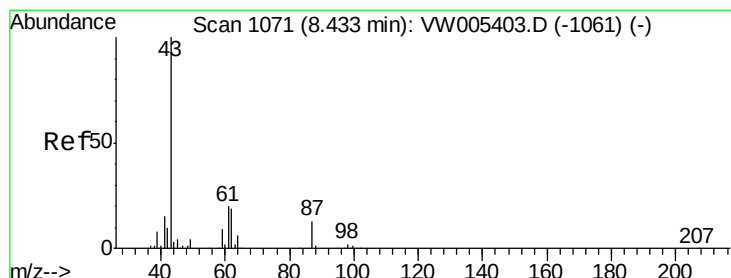
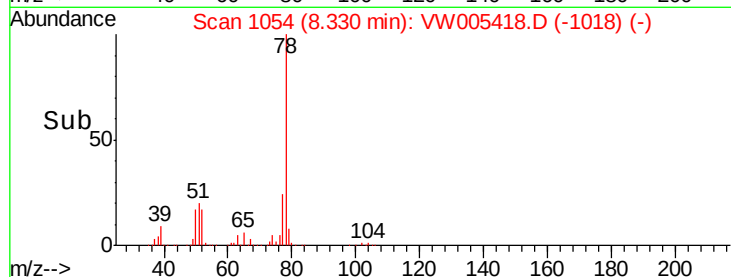
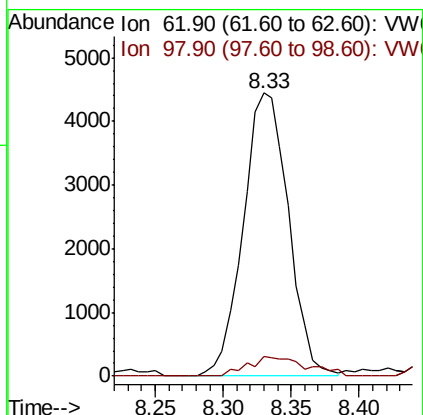
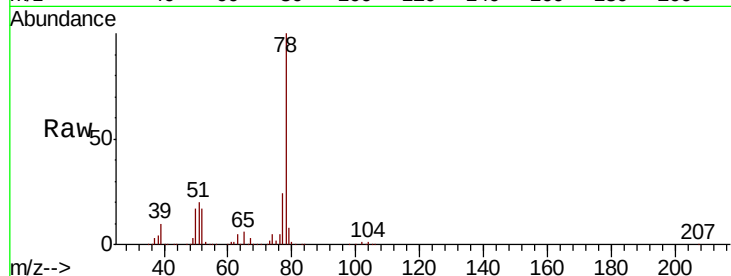
ENY-SB-01-54.5-55.0

Tgt Ion: 62 Resp: 10346

Ion Ratio Lower Upper

62 100

98 8.8 0.0 15.6



#43

Isopropyl Acetate

Concen: 7.643 ug/l

RT: 8.49 min Scan# 1080

Delta R.T. 0.05 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

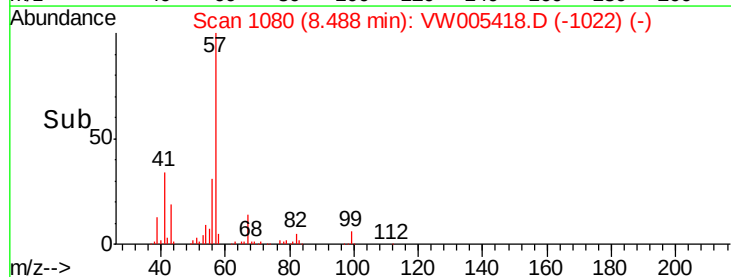
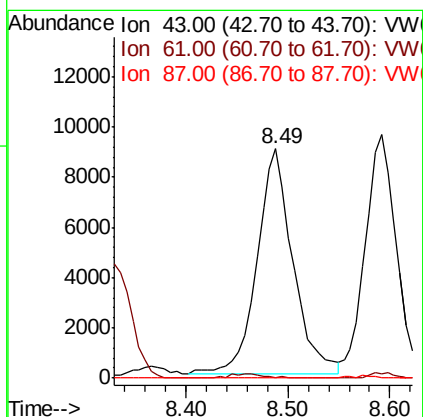
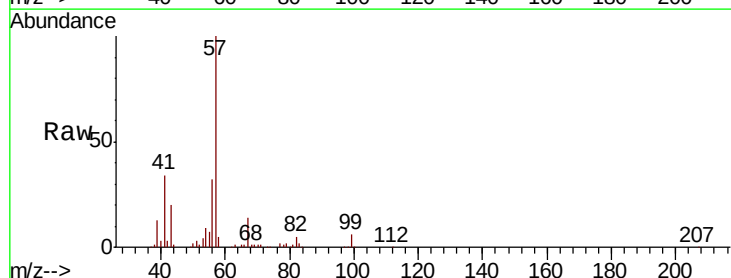
Tgt Ion: 43 Resp: 22020

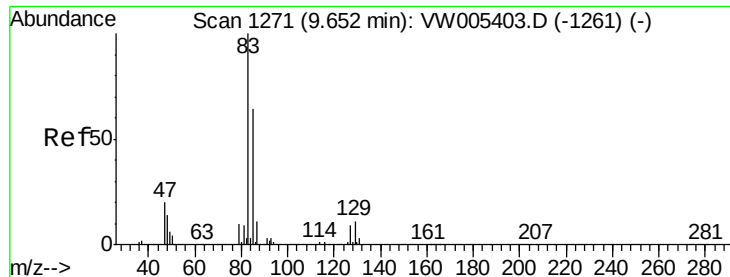
Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.6#

87 0.0 10.1 15.1#





#47

Bromodichloromethane

Concen: 2.418 ug/l

RT: 9.63 min Scan# 1268

Delta R.T. -0.02 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

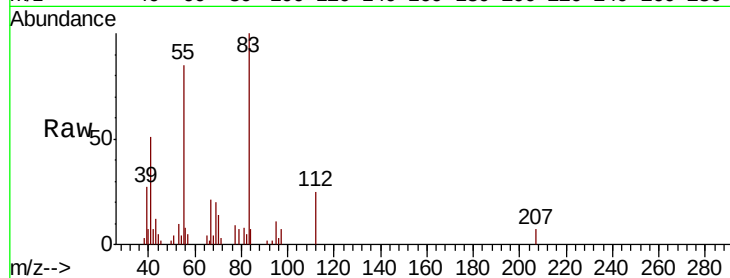
Tgt Ion: 83 Resp: 8097

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

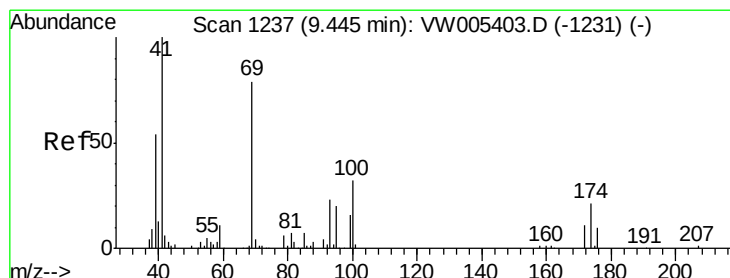
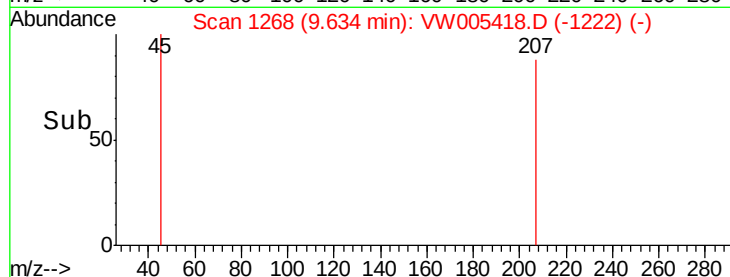
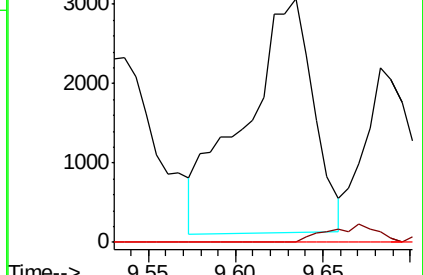
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 4.313 ug/l

RT: 9.40 min Scan# 1230

Delta R.T. -0.04 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

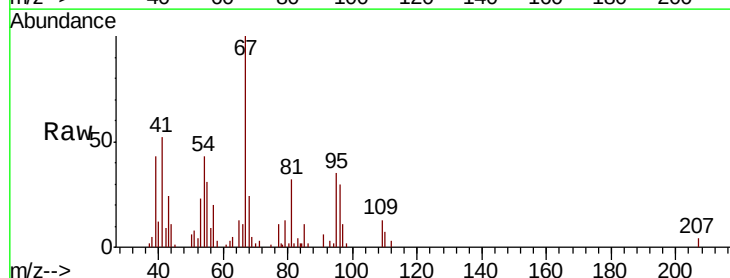
Tgt Ion: 41 Resp: 6201

Ion Ratio Lower Upper

41 100

69 0.0 67.5 101.3#

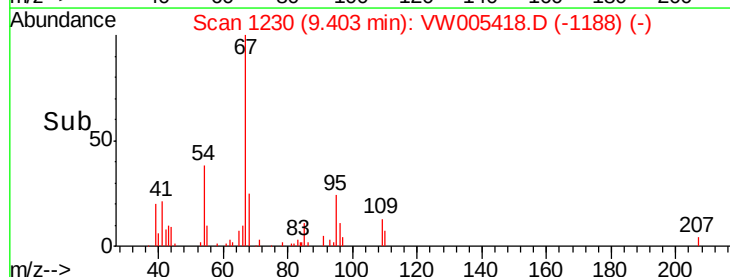
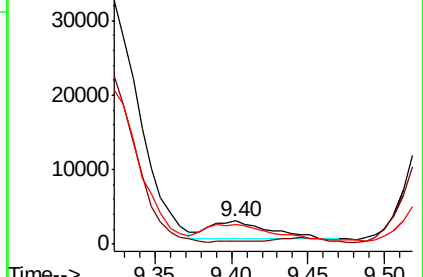
39 120.5 45.5 68.3#

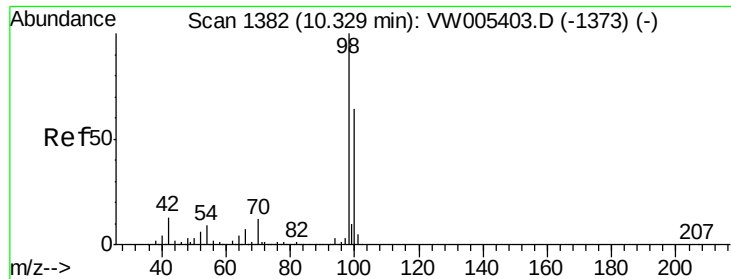


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 40.053 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

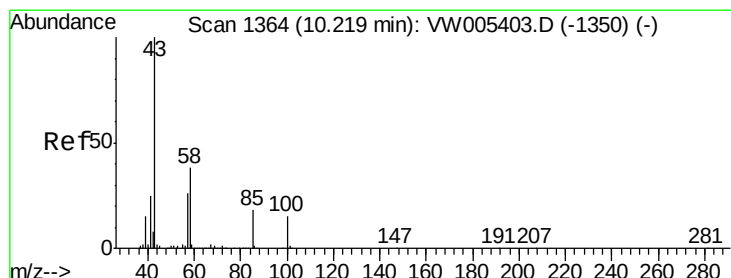
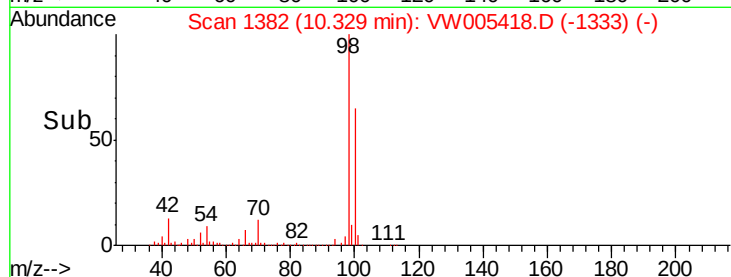
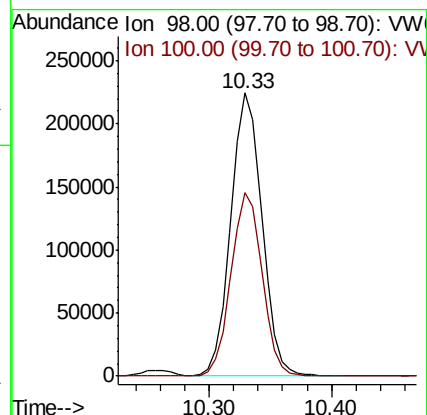
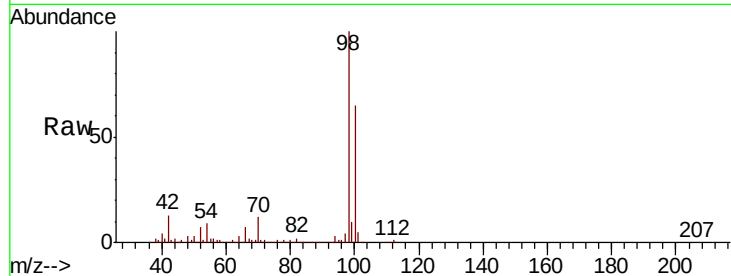
ENY-SB-01-54.5-55.0

Tgt Ion: 98 Resp: 394489

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 9.808 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW005418.D

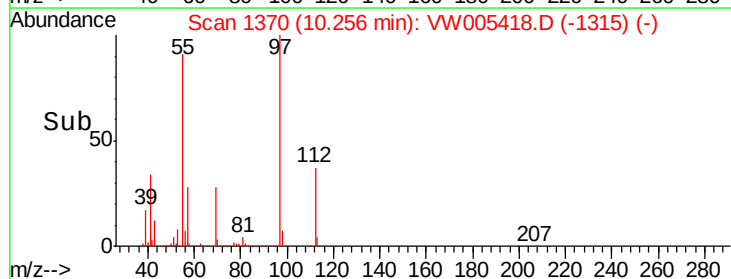
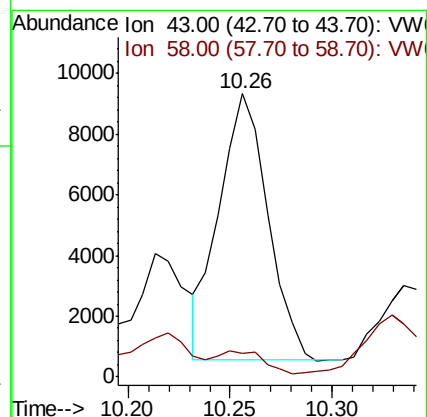
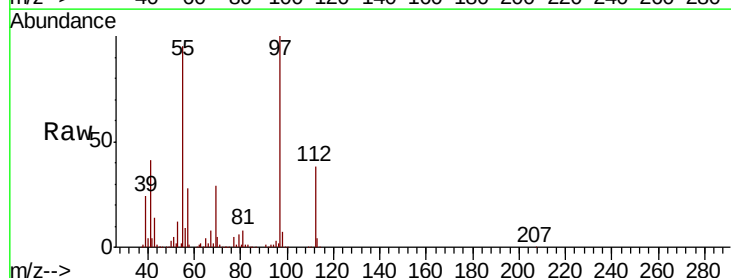
Acq: 15 Sep 2018 07:18

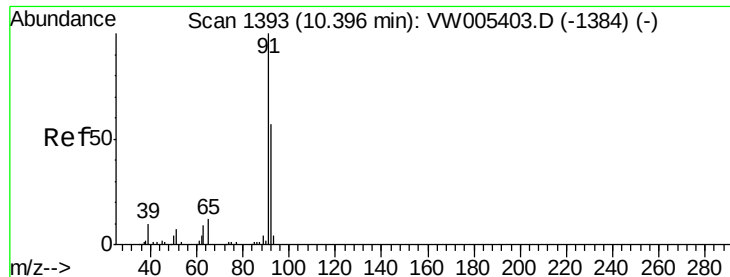
Tgt Ion: 43 Resp: 14546

Ion Ratio Lower Upper

43 100

58 8.0 29.9 44.9#





#52

Toluene

Concen: 112.868 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

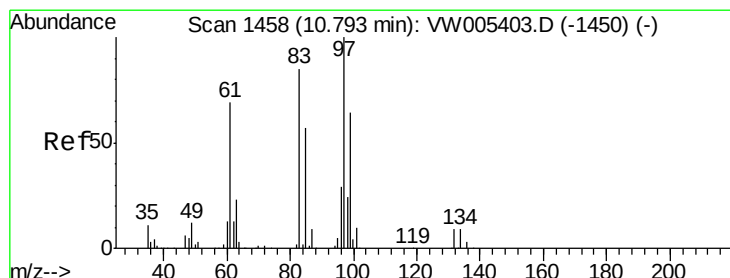
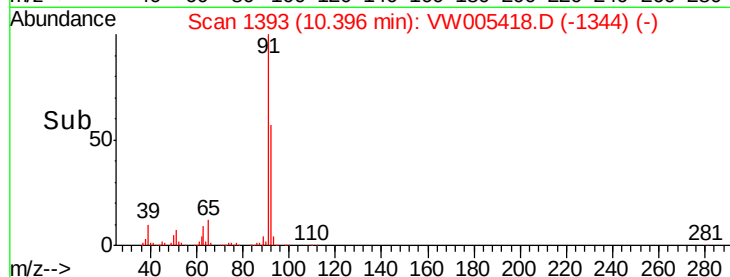
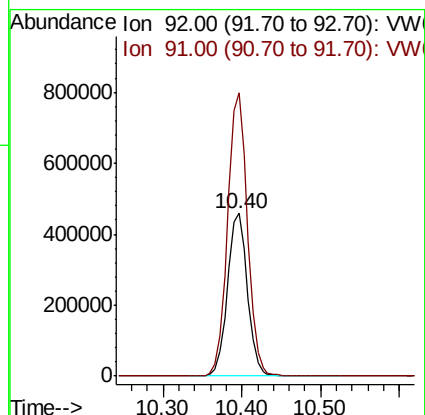
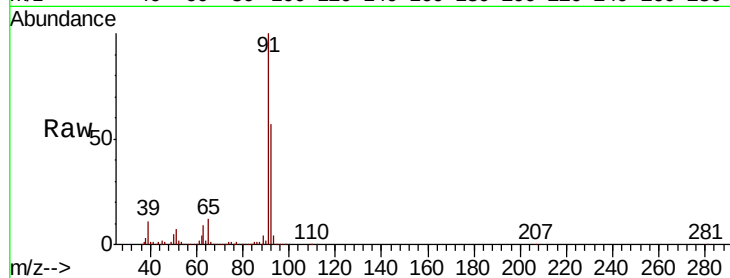
ENY-SB-01-54.5-55.0

Tgt Ion: 92 Resp: 803790

Ion Ratio Lower Upper

92 100

91 173.5 139.1 208.7



#55

1,1,2-Trichloroethane

Concen: 2.916 ug/l

RT: 10.77 min Scan# 1455

Delta R.T. -0.02 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Tgt Ion: 97 Resp: 5357

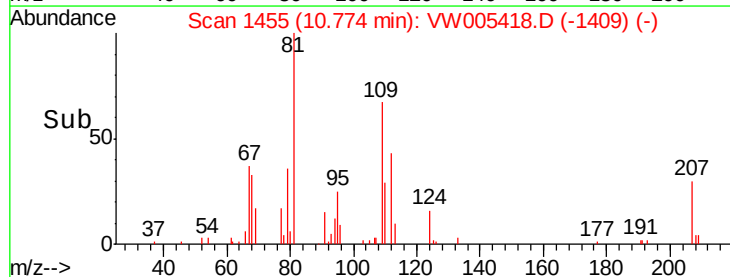
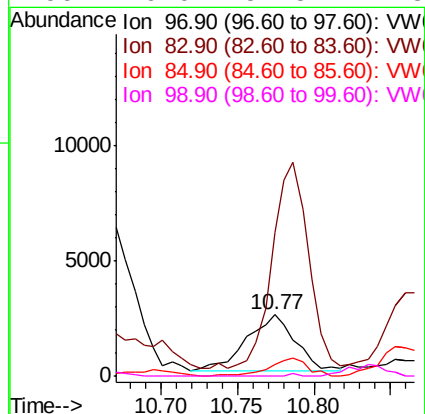
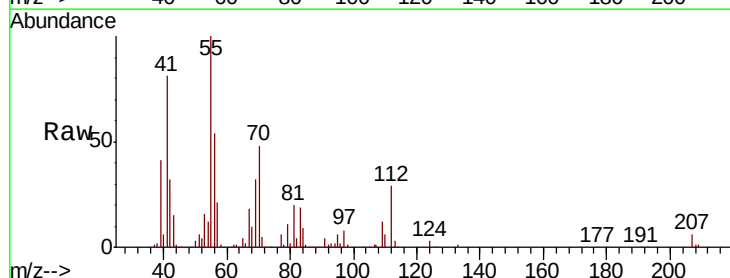
Ion Ratio Lower Upper

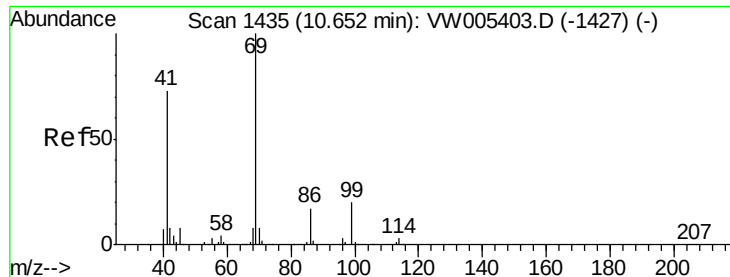
97 100

83 236.7 67.8 101.8#

85 19.6 45.4 68.0#

99 0.0 51.5 77.3#





#56

Ethyl methacrylate

Concen: 16.495 ug/l

RT: 10.63 min Scan# 1432

Delta R.T. -0.02 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

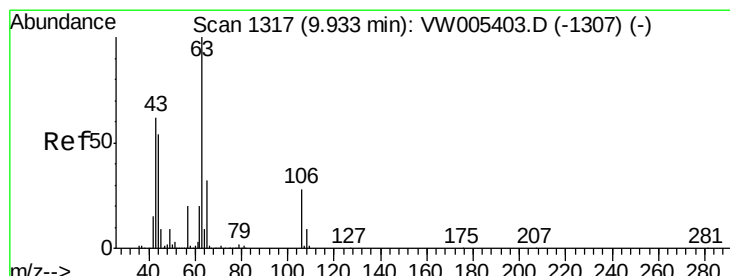
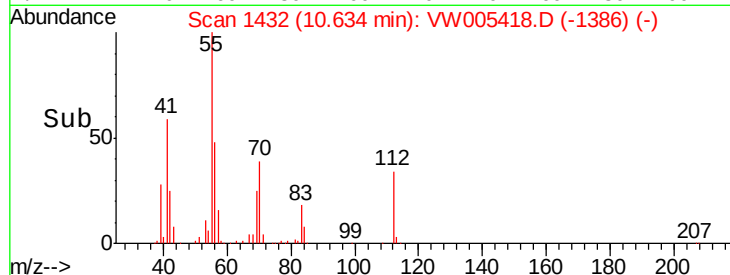
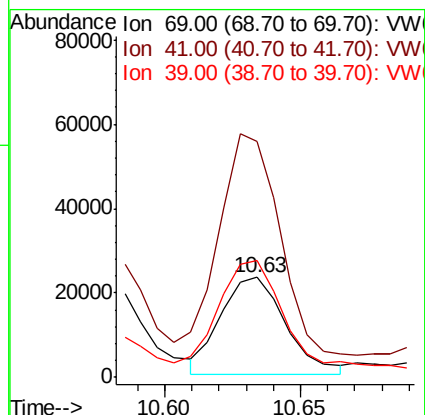
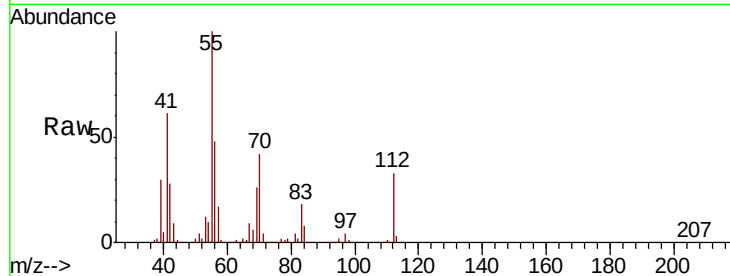
Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

Tgt Ion:	69	Resp:	38352
Ion	Ratio	Lower	Upper
69	100		
41	208.0	59.3	88.9#
39	106.7	30.2	45.4#



#58

2-Chloroethyl Vinyl ether

Concen: 1.695 ug/l

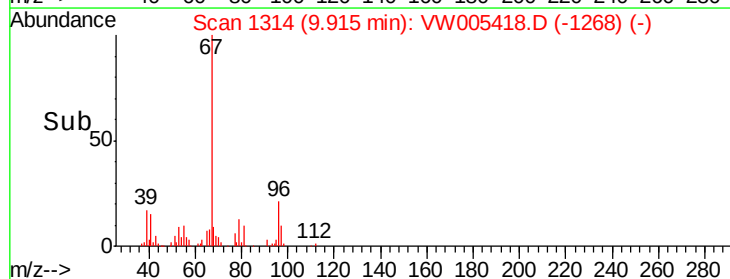
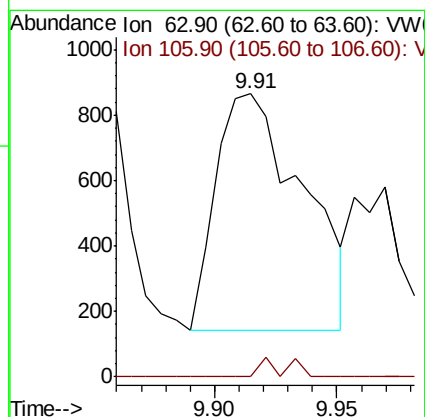
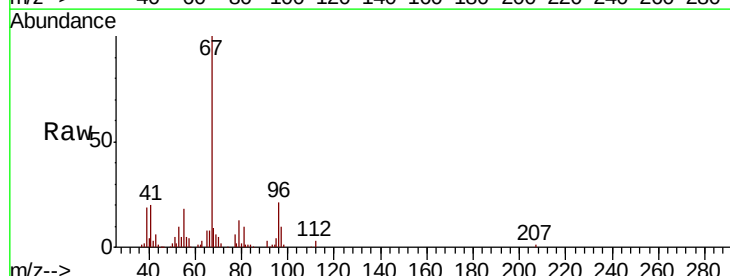
RT: 9.91 min Scan# 1314

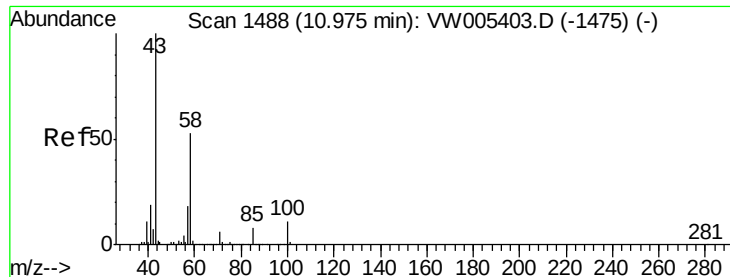
Delta R.T. -0.02 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Tgt Ion:	63	Resp:	1782
Ion	Ratio	Lower	Upper
63	100		
106	2.4	22.0	33.0#

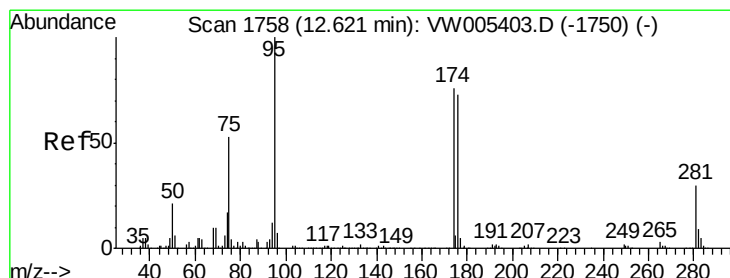
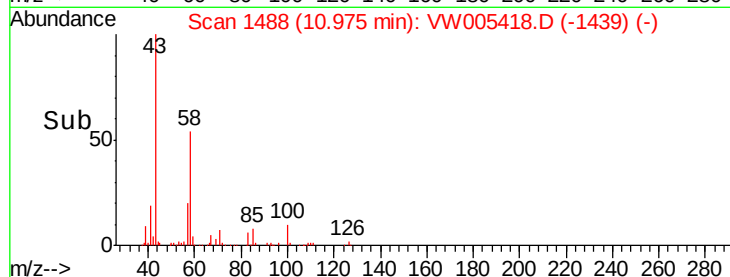
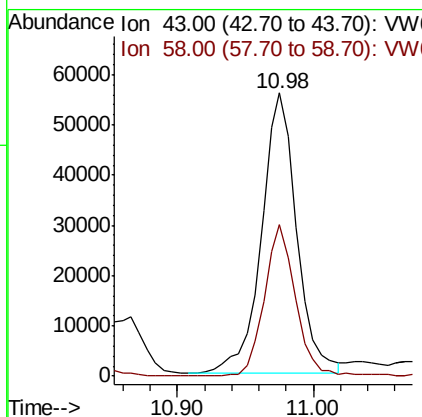
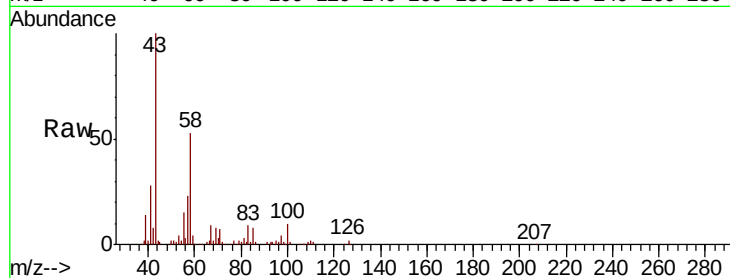




#59
2-Hexanone
Concen: 100.233 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

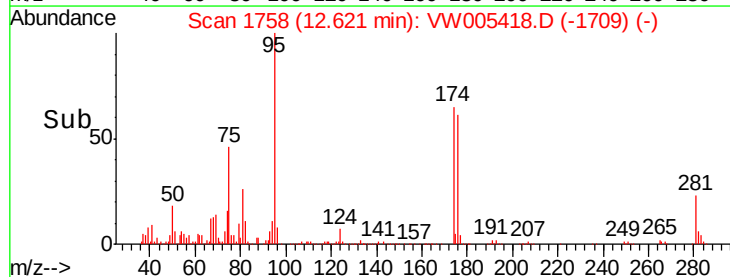
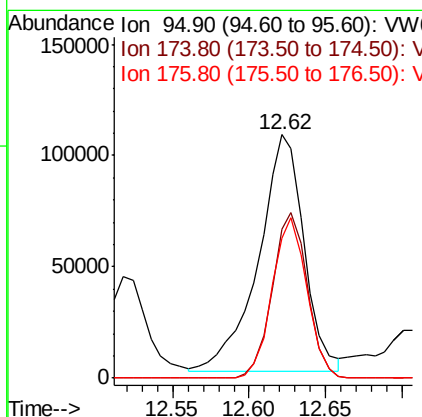
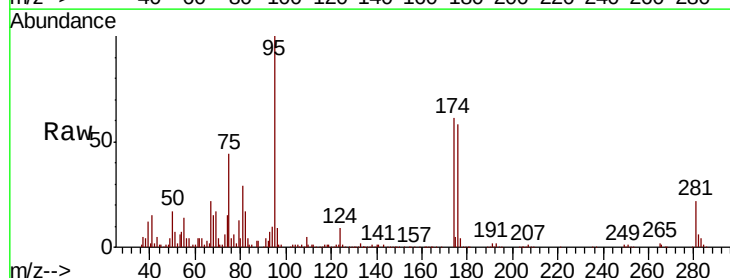
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

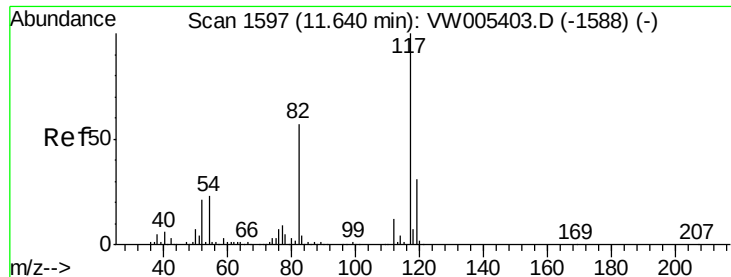
Tgt Ion: 43 Resp: 101262
Ion Ratio Lower Upper
43 100
58 47.7 25.5 76.5



#62
4-Bromofluorobenzene
Concen: 61.235 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 95 Resp: 221144
Ion Ratio Lower Upper
95 100
174 53.7 0.0 161.2
176 51.5 0.0 156.6

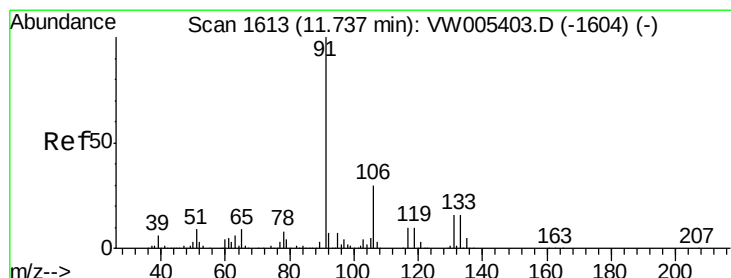
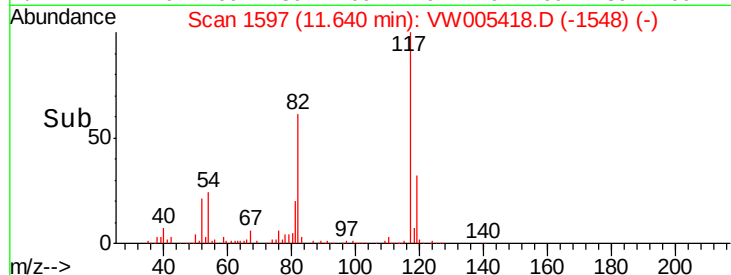
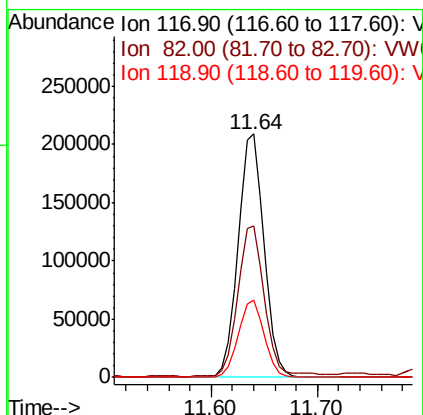
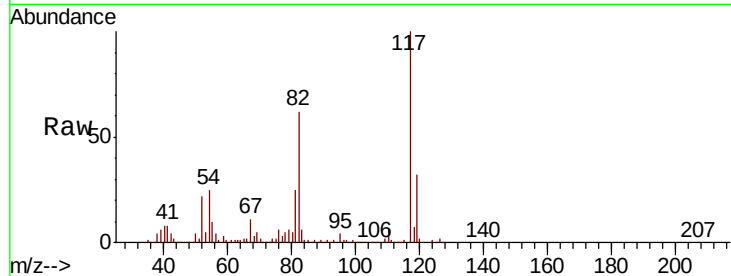




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

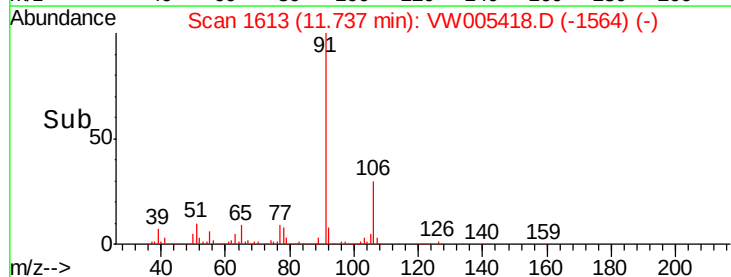
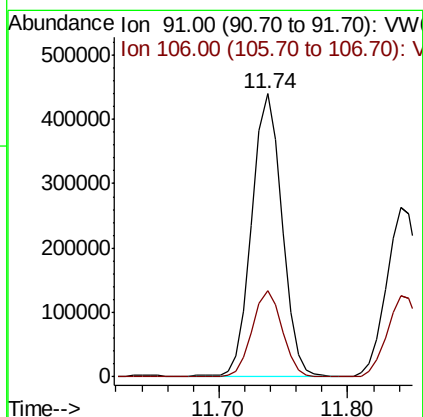
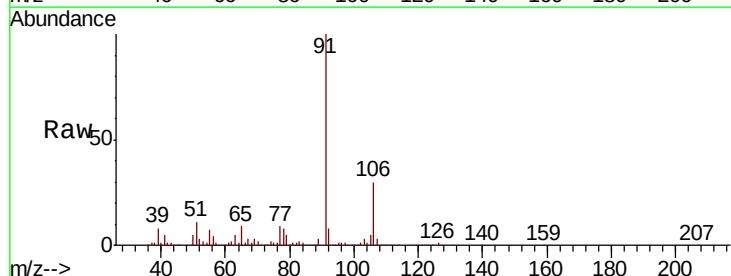
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

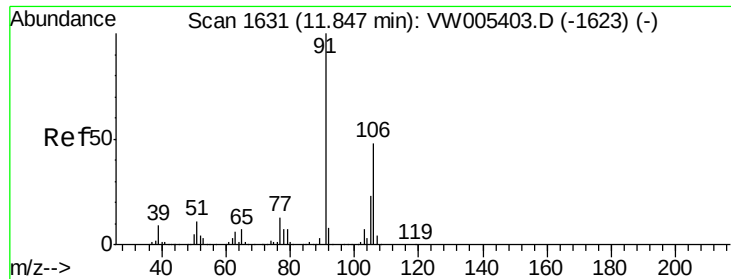
Tgt Ion: 117 Resp: 357181
Ion Ratio Lower Upper
117 100
82 61.7 45.9 68.9
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 53.222 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion: 91 Resp: 709512
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

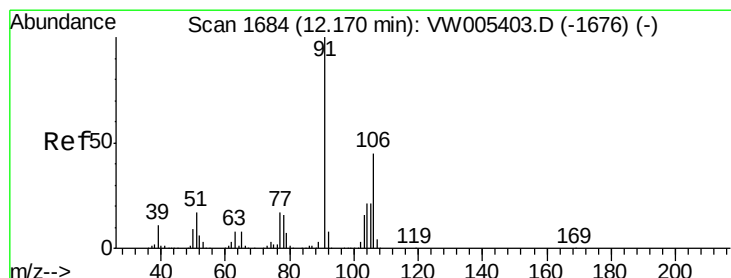
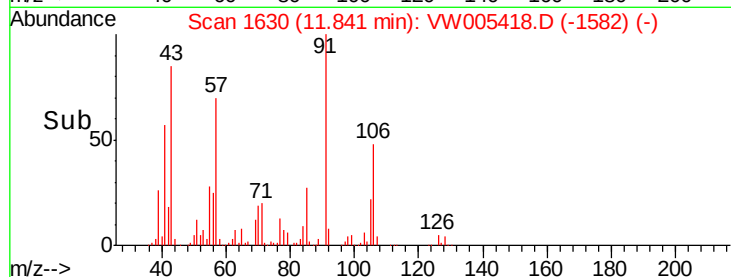
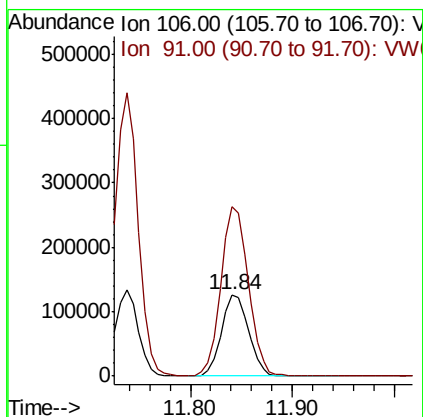
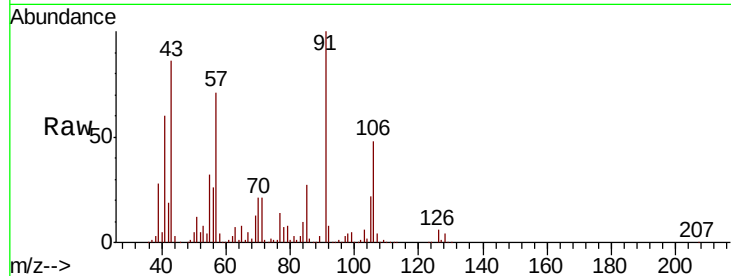




#68
m/p-Xylenes
Concen: 45.454 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

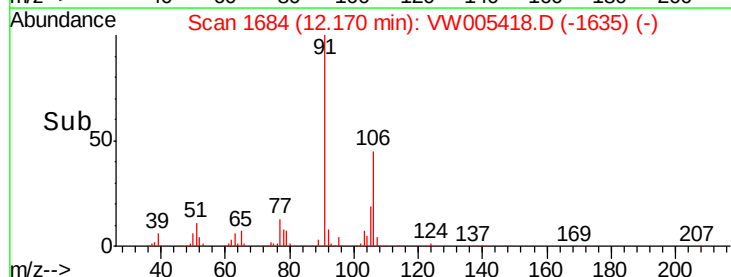
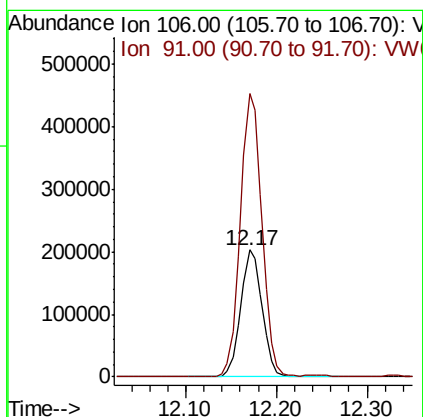
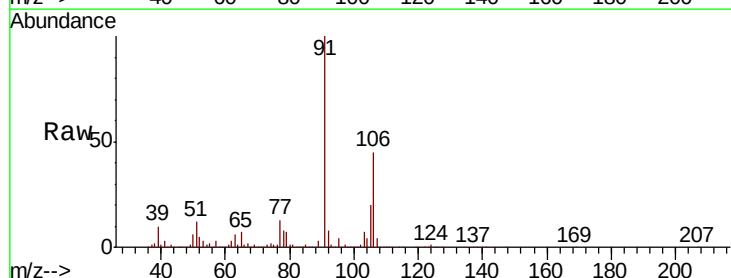
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

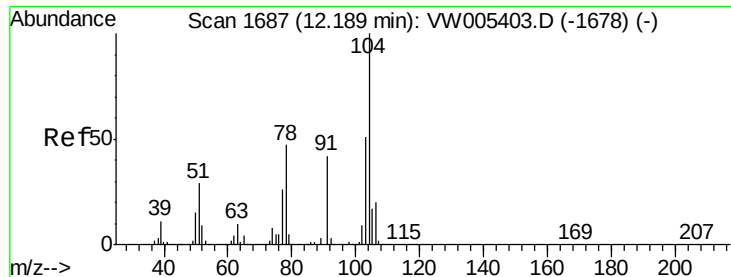
Tgt Ion:106 Resp: 233212
Ion Ratio Lower Upper
106 100
91 208.9 167.9 251.9



#69
o-Xylene
Concen: 69.085 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Tgt Ion:106 Resp: 330076
Ion Ratio Lower Upper
106 100
91 225.4 110.6 331.6





#70

Styrene

Concen: 9.709 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-01-54.5-55.0

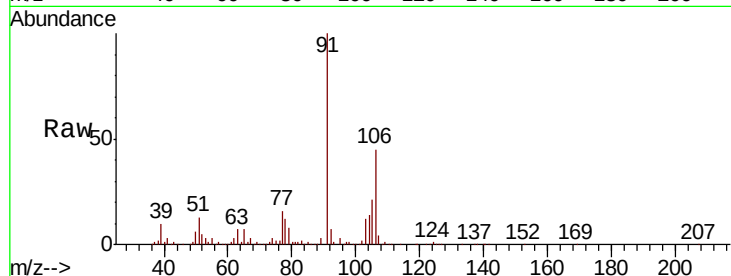
Tgt Ion:104 Resp: 76551

Ion Ratio Lower Upper

104 100

78 104.1 42.4 63.6#

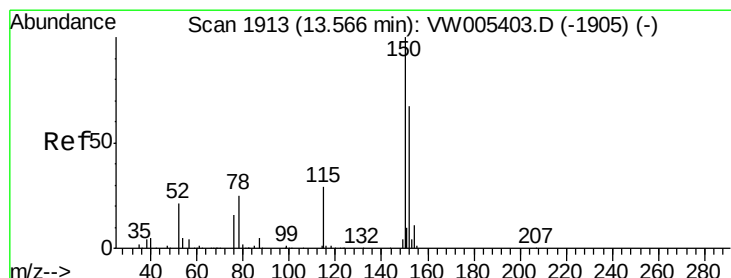
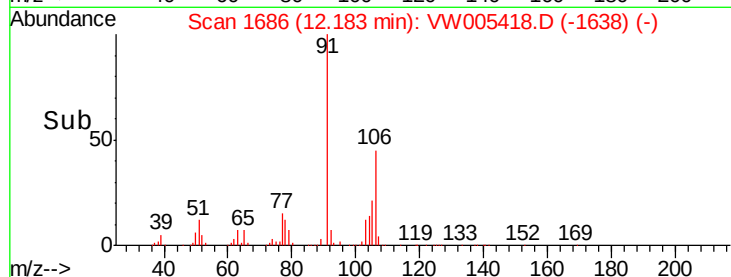
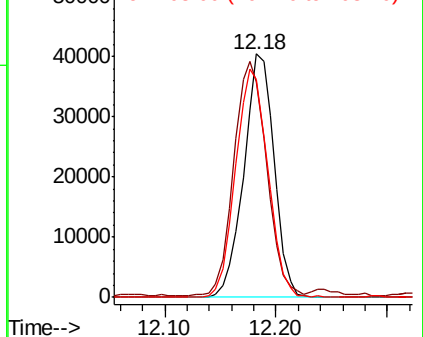
103 99.6 44.8 67.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): 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: VW005418.D

Acq: 15 Sep 2018 07:18

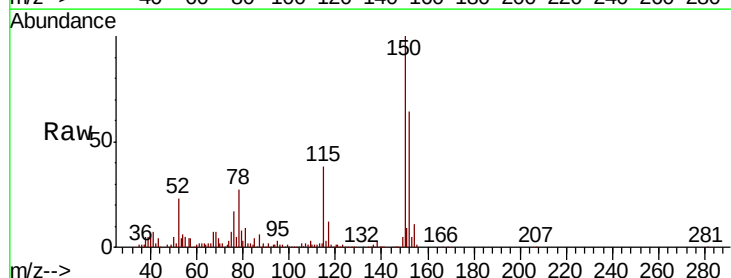
Tgt Ion:152 Resp: 171485

Ion Ratio Lower Upper

152 100

115 60.6 29.5 88.5

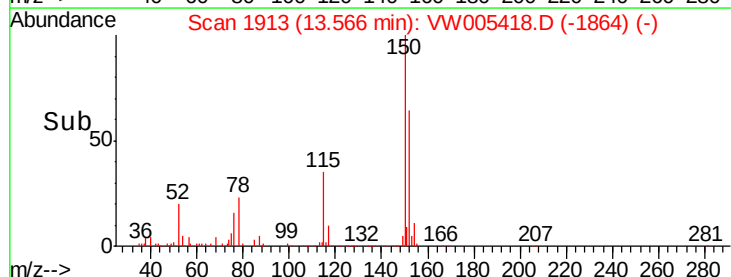
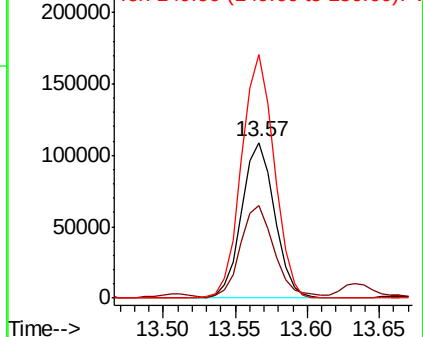
150 155.9 0.0 345.6

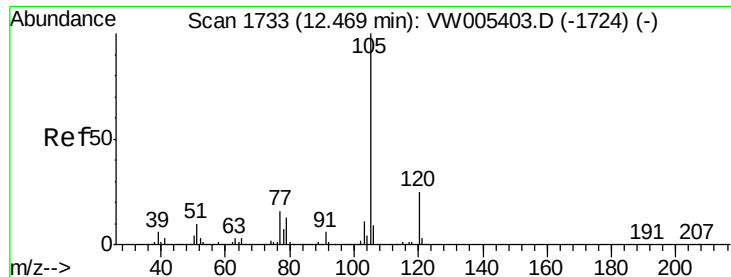


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.477 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

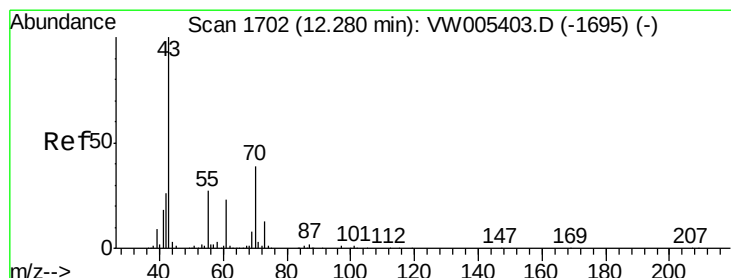
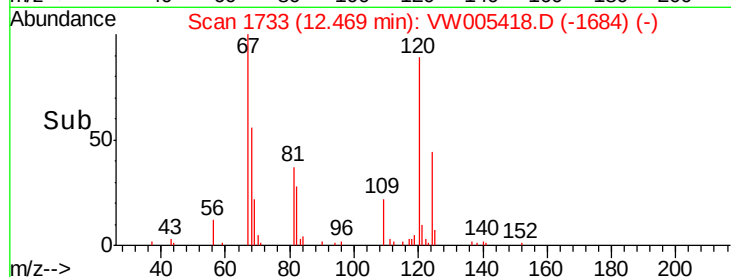
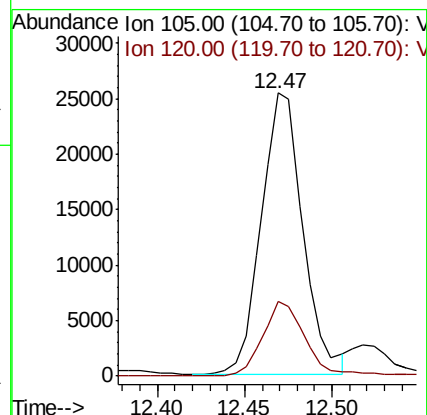
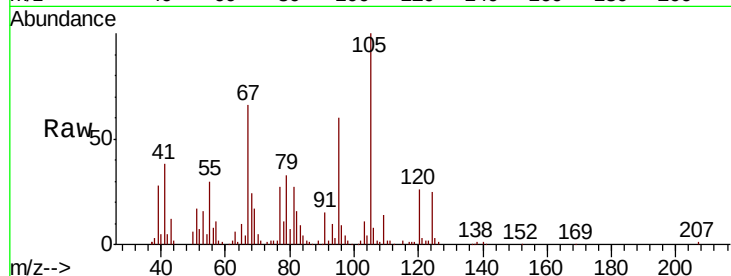
ENY-SB-01-54.5-55.0

Tgt Ion:105 Resp: 41835

Ion Ratio Lower Upper

105 100

120 27.9 12.9 38.6



#74

N-amyl acetate

Concen: 65.749 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.04 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Tgt Ion: 43 Resp: 166686

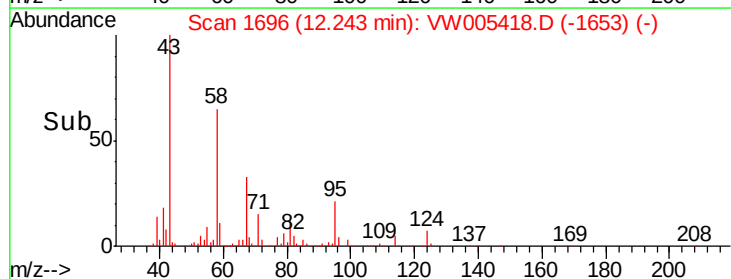
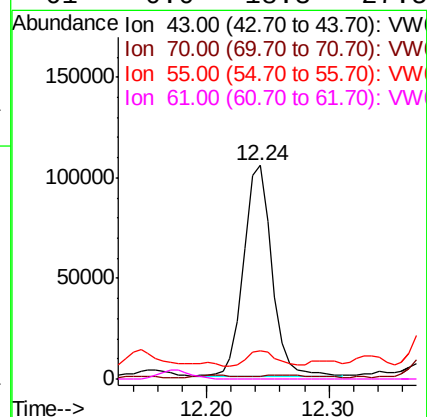
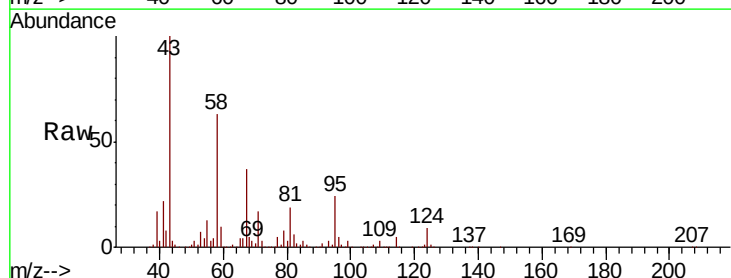
Ion Ratio Lower Upper

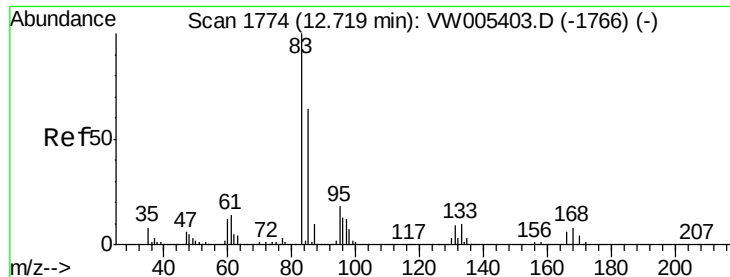
43 100

70 0.0 31.9 47.9#

55 7.2 21.4 32.0#

61 0.0 18.3 27.5#

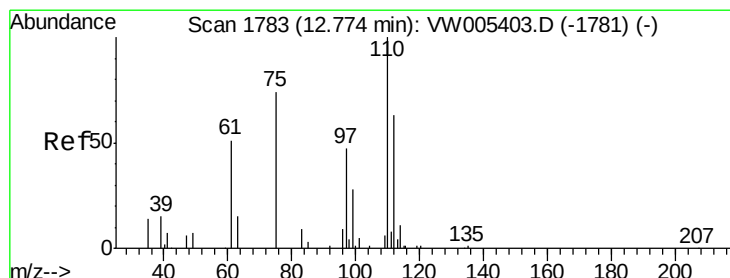
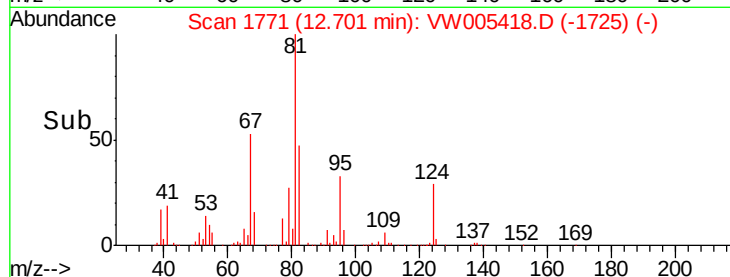
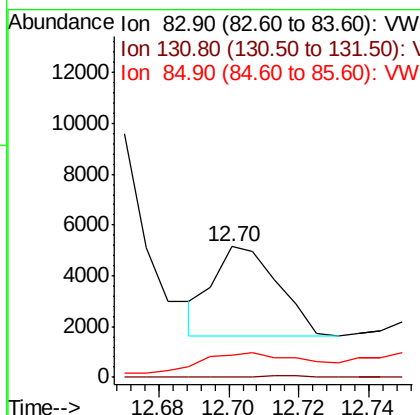
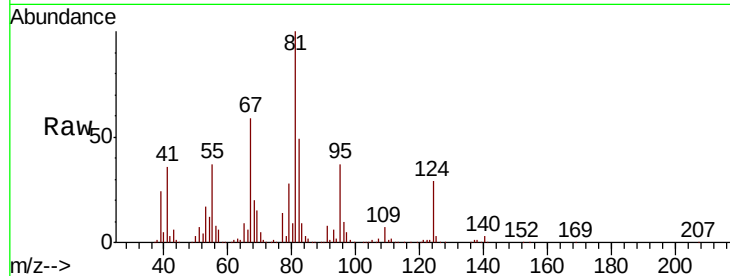




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.555 ug/l
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

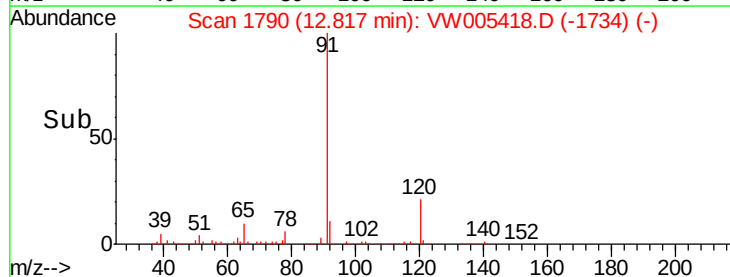
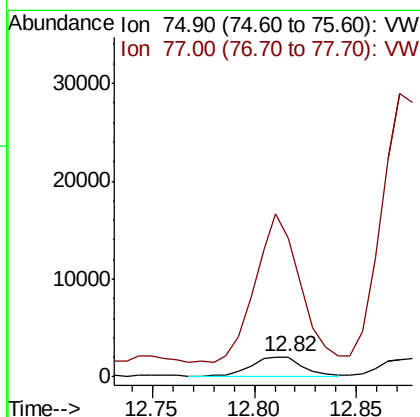
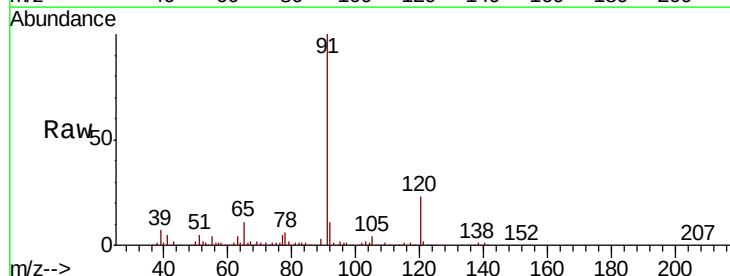
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

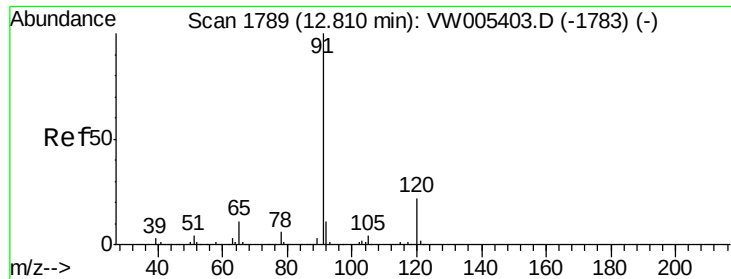
Tgt Ion: 83 Resp: 4484
 Ion Ratio Lower Upper
 83 100
 131 1.0 5.7 17.1#
 85 37.0 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 2.345 ug/l
 RT: 12.82 min Scan# 1790
 Delta R.T. 0.04 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion: 75 Resp: 3307
 Ion Ratio Lower Upper
 75 100
 77 697.4 0.0 0.0#





#78

n-propylbenzene

Concen: 36.742 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

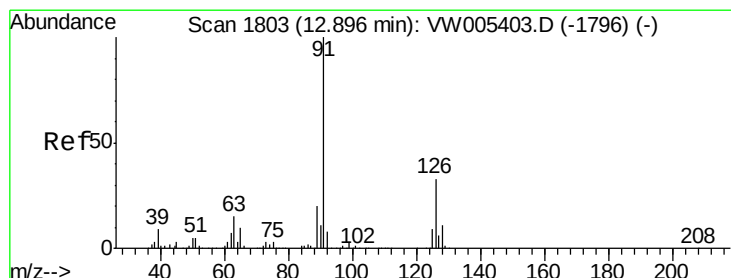
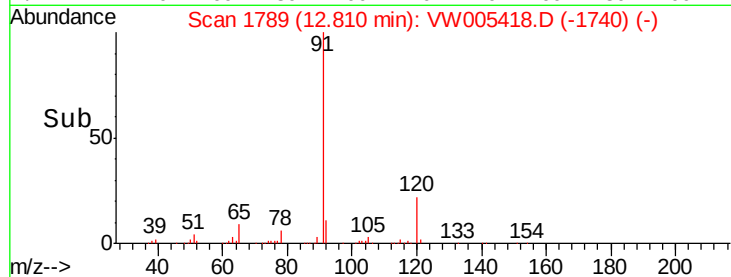
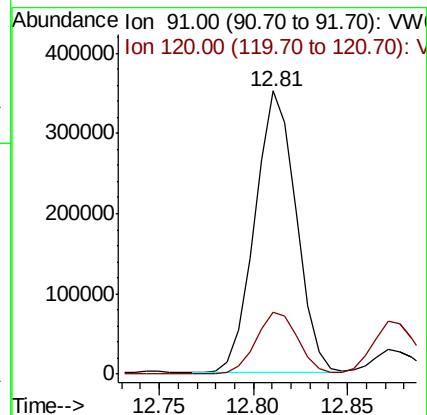
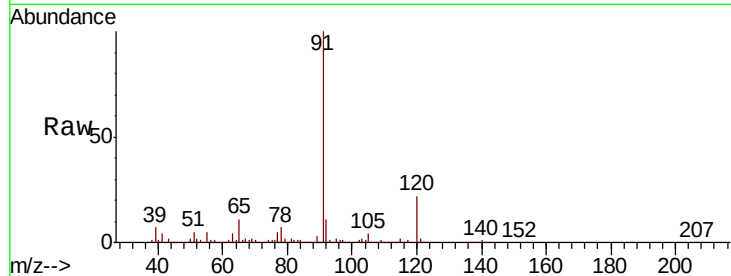
ENY-SB-01-54.5-55.0

Tgt Ion: 91 Resp: 533478

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8



#79

2-Chlorotoluene

Concen: 4.759 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW005418.D

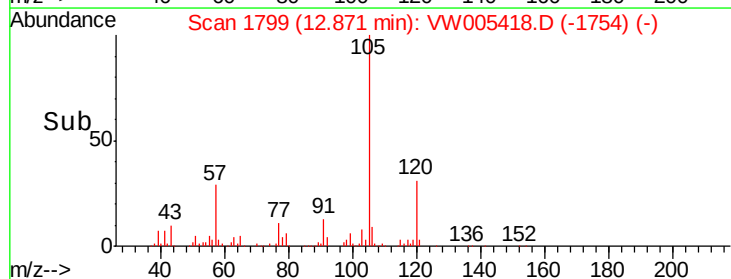
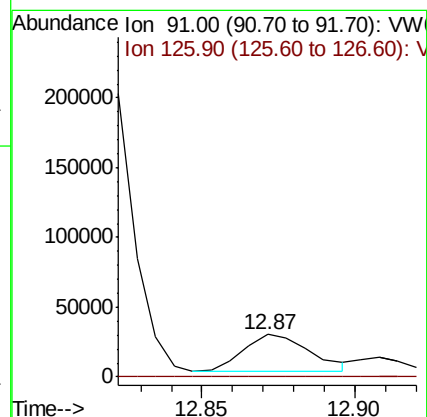
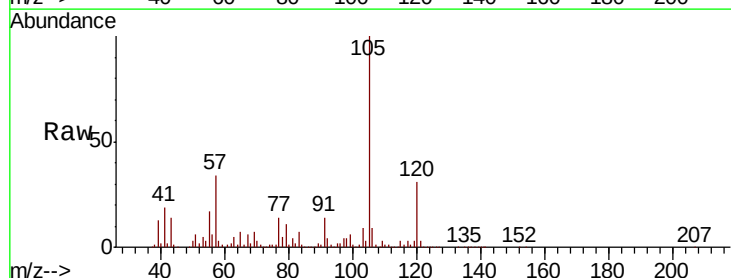
Acq: 15 Sep 2018 07:18

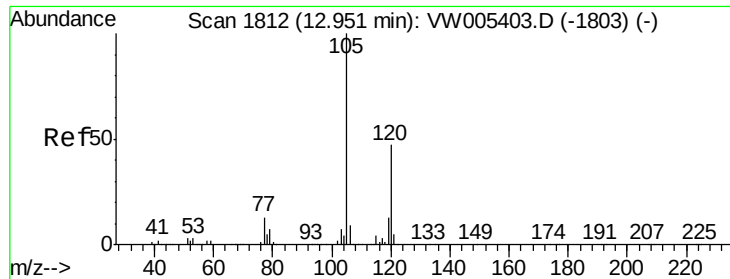
Tgt Ion: 91 Resp: 40762

Ion Ratio Lower Upper

91 100

126 4.1 16.4 49.1#





#80

1,3,5-Trimethylbenzene

Concen: 5.312 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

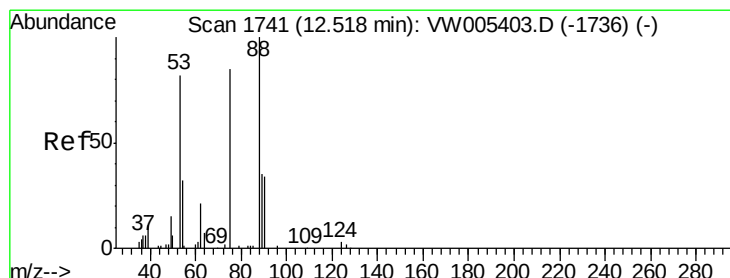
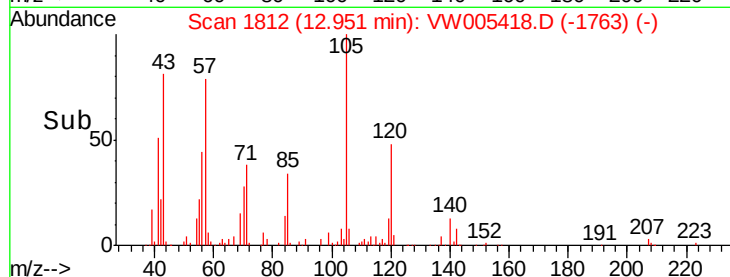
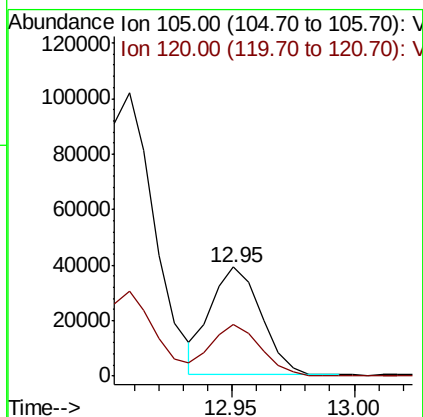
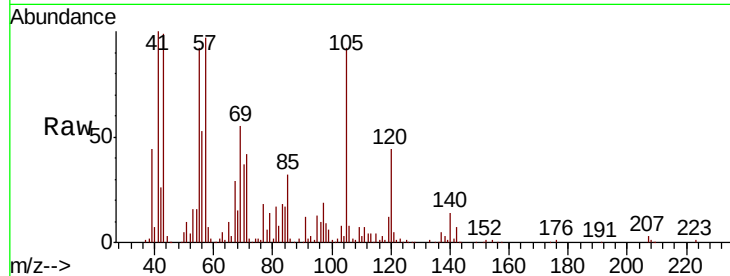
ENY-SB-01-54.5-55.0

Tgt Ion: 105 Resp: 55762

Ion Ratio Lower Upper

105 100

120 46.6 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 144.797 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

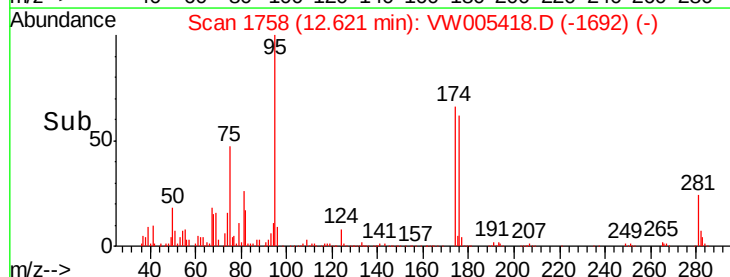
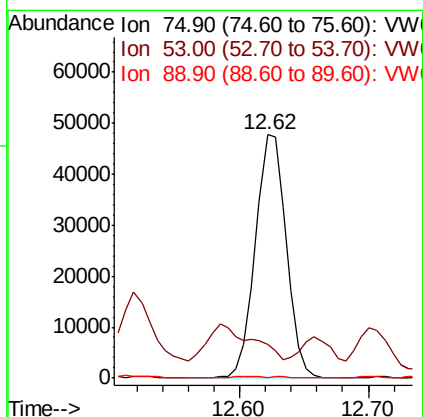
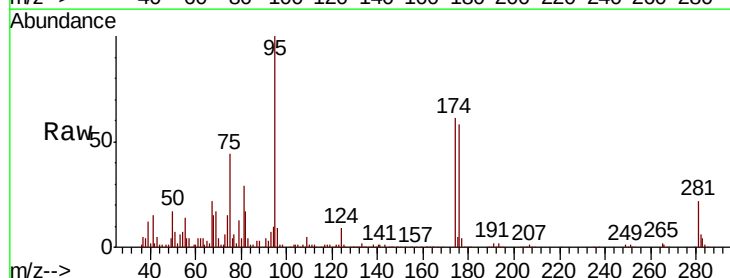
Tgt Ion: 75 Resp: 78728

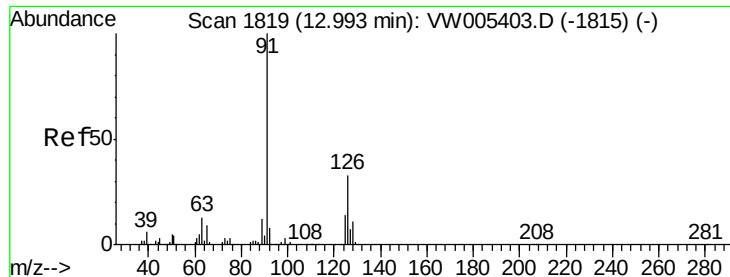
Ion Ratio Lower Upper

75 100

53 0.0 83.2 124.8#

89 0.9 36.6 54.8#





#82

4-Chlorotoluene

Concen: 9.251 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.12 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

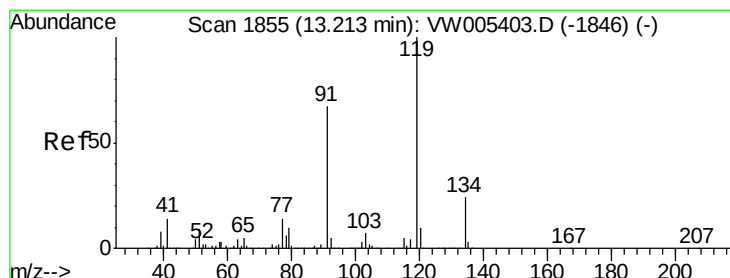
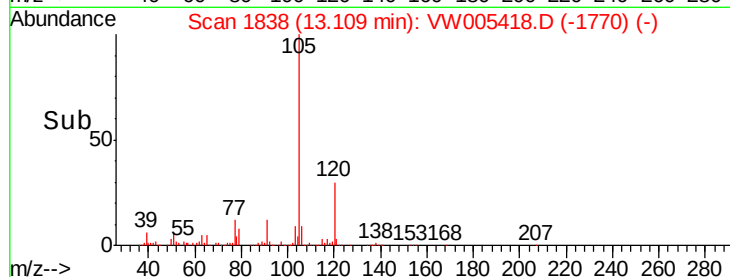
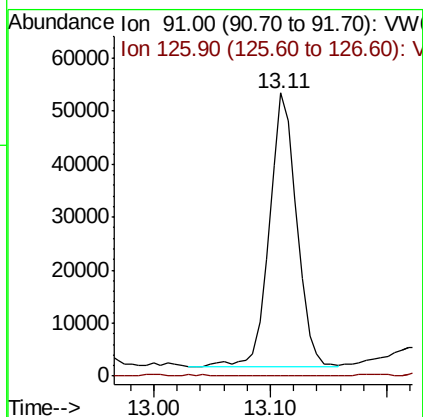
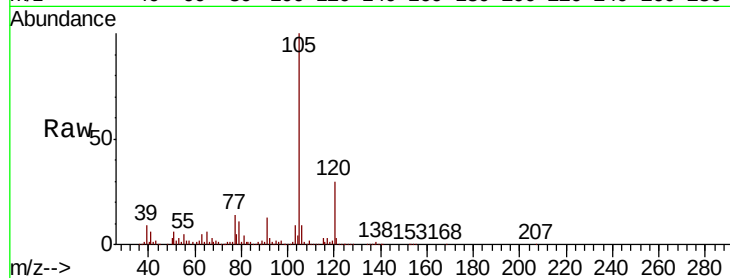
ENY-SB-01-54.5-55.0

Tgt Ion: 91 Resp: 83660

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#83

tert-Butylbenzene

Concen: 4.630 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.05 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

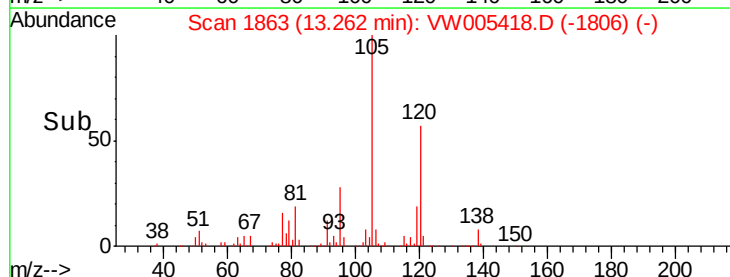
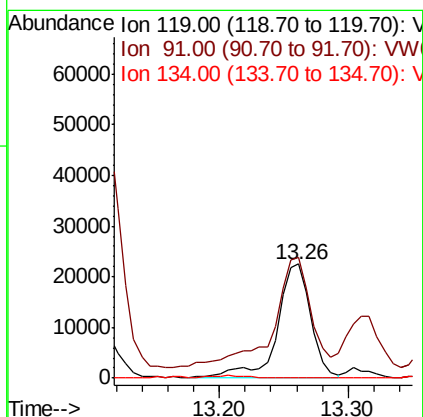
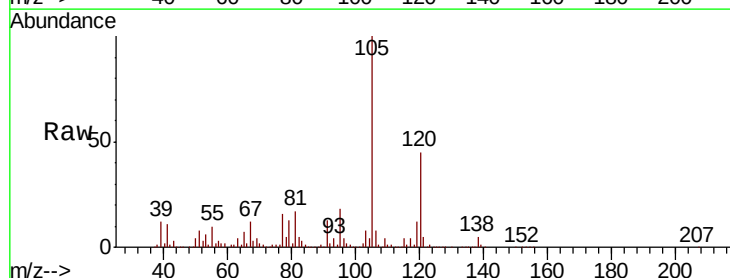
Tgt Ion: 119 Resp: 40367

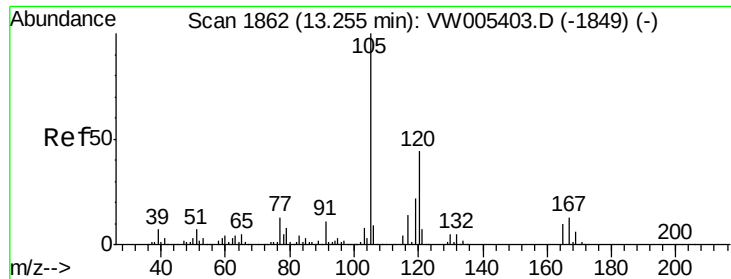
Ion Ratio Lower Upper

119 100

91 112.3 34.4 103.2#

134 0.0 12.7 38.0#

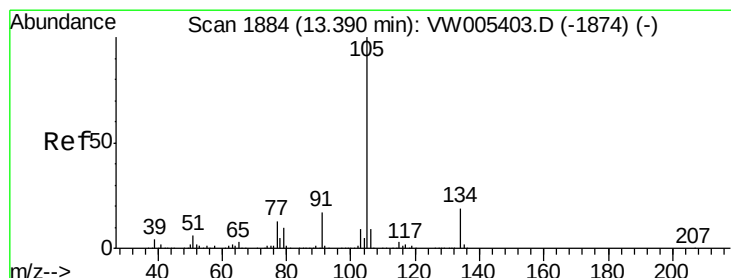
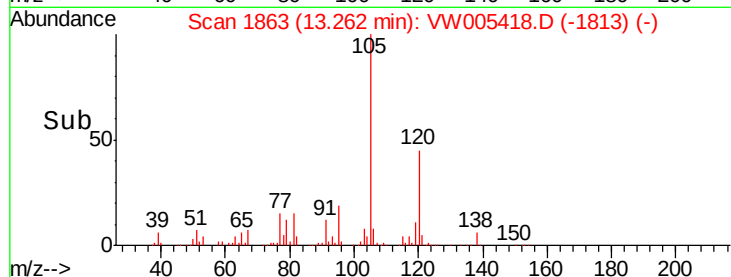
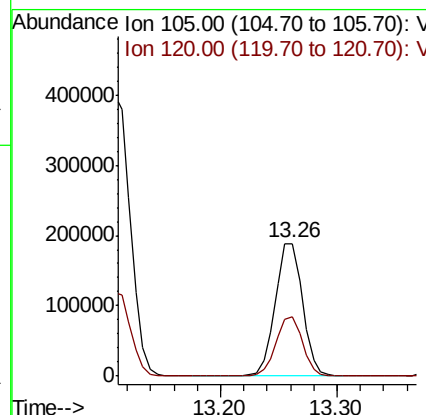
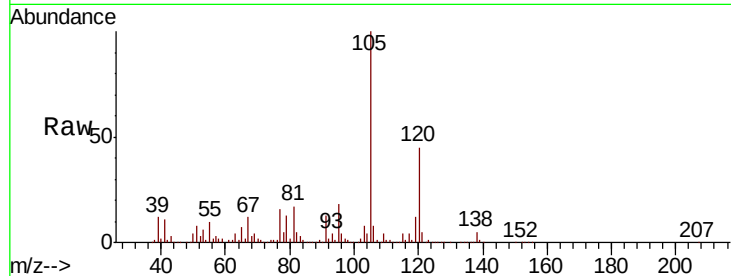




#84
 1,2,4-Trimethylbenzene
 Concen: 28.313 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

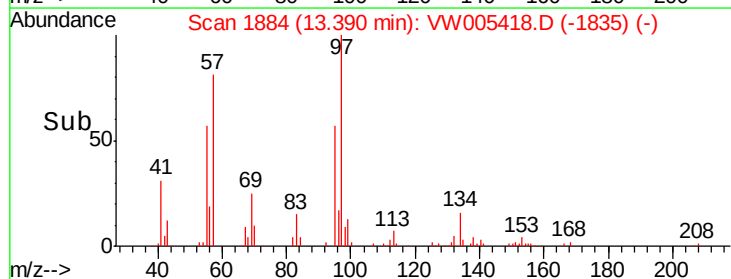
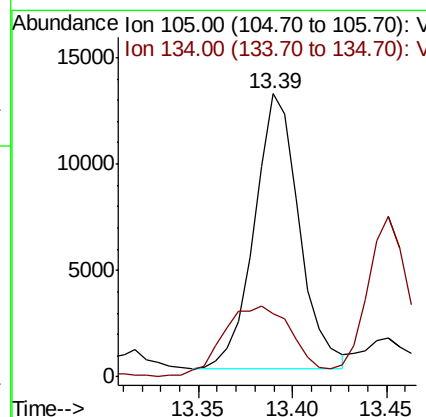
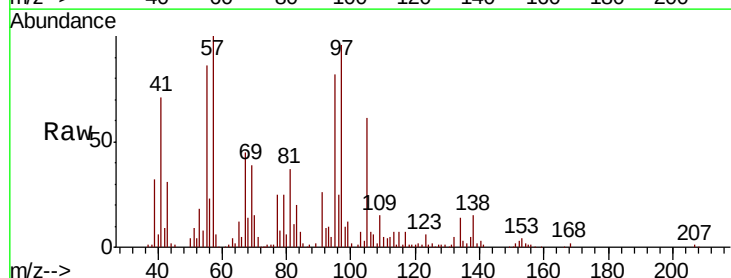
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

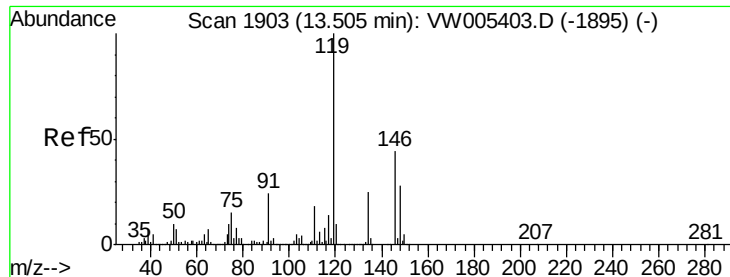
Tgt Ion:105 Resp: 301756
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 1.684 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion:105 Resp: 21214
 Ion Ratio Lower Upper
 105 100
 134 40.3 9.8 29.5#

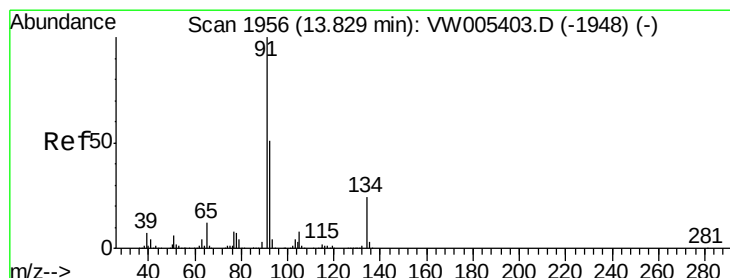
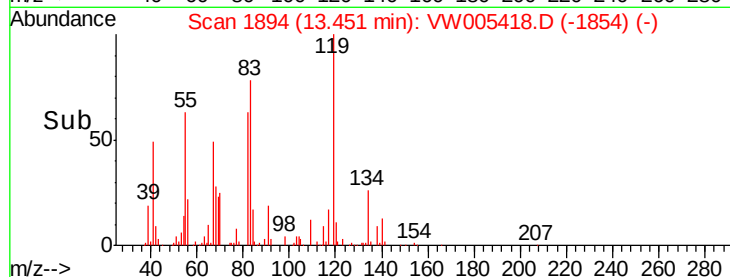
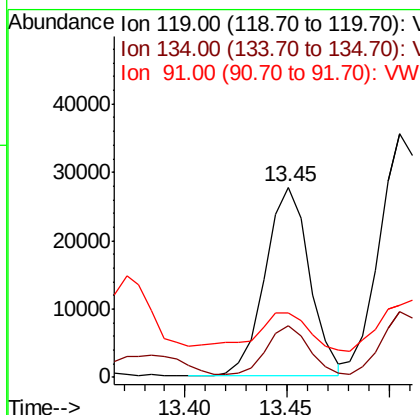
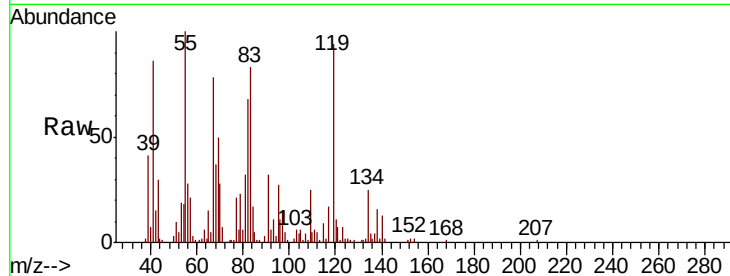




#86
 p-Isopropyltoluene
 Concen: 3.706 ug/l
 RT: 13.45 min Scan# 1894
 Delta R.T. -0.05 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

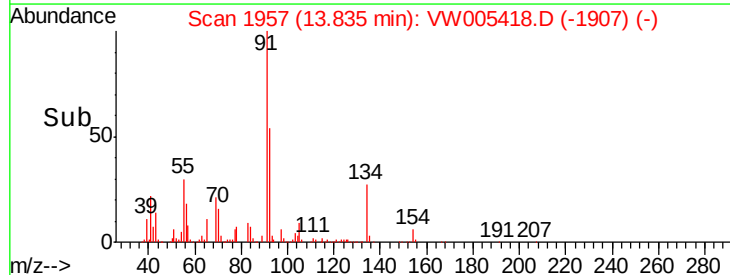
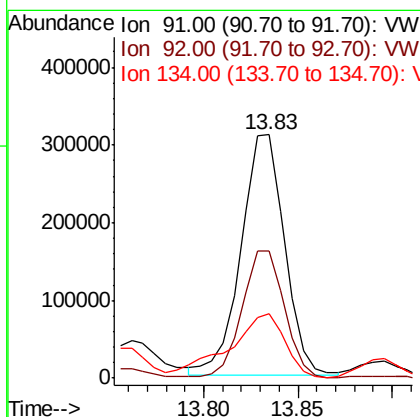
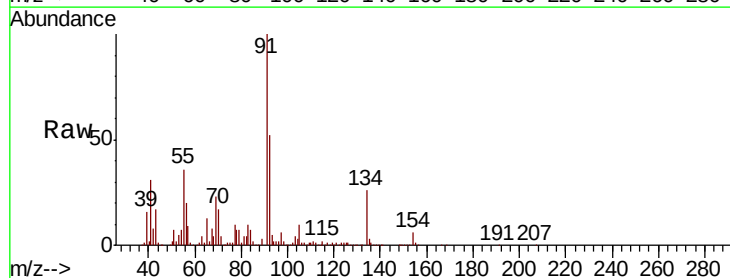
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-01-54.5-55.0

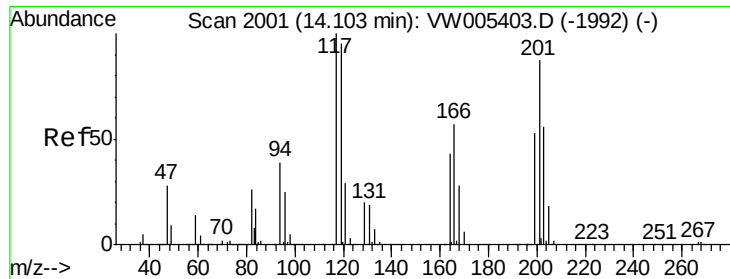
Tgt Ion: 119 Resp: 41751
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 20.5 12.0 36.0



#89
 n-Butylbenzene
 Concen: 47.343 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW005418.D
 Acq: 15 Sep 2018 07:18

Tgt Ion: 91 Resp: 496697
 Ion Ratio Lower Upper
 91 100
 92 51.2 26.2 78.6
 134 34.5 12.7 38.1





#90

Hexachloroethane

Concen: 8.350 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

Instrument :

MSVOA_W

ClientSampleId :

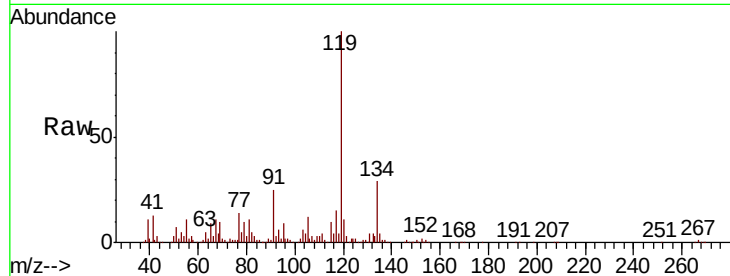
ENY-SB-01-54.5-55.0

Tgt Ion: 117 Resp: 16120

Ion Ratio Lower Upper

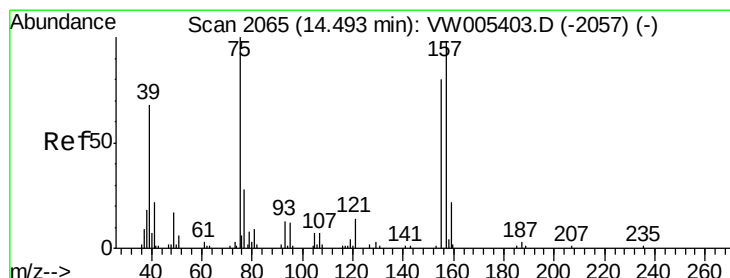
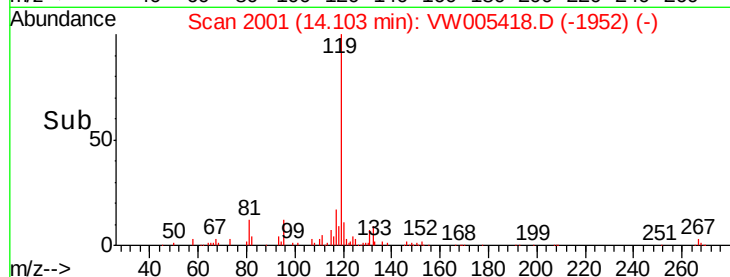
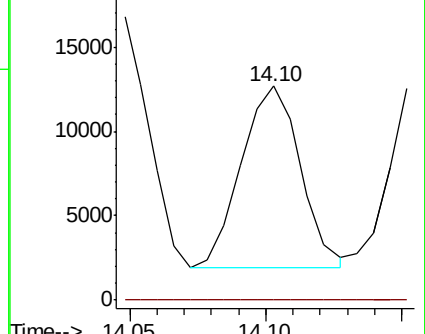
117 100

201 0.0 42.5 127.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.138 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005418.D

Acq: 15 Sep 2018 07:18

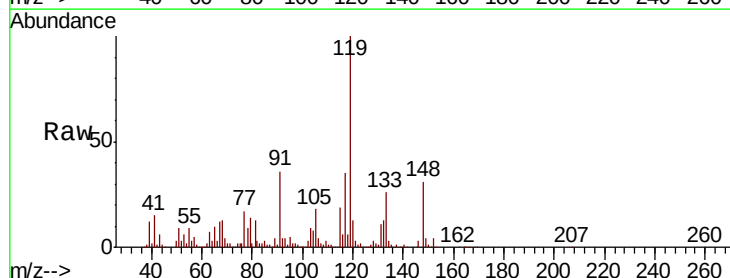
Tgt Ion: 75 Resp: 1732

Ion Ratio Lower Upper

75 100

155 0.0 39.0 117.0#

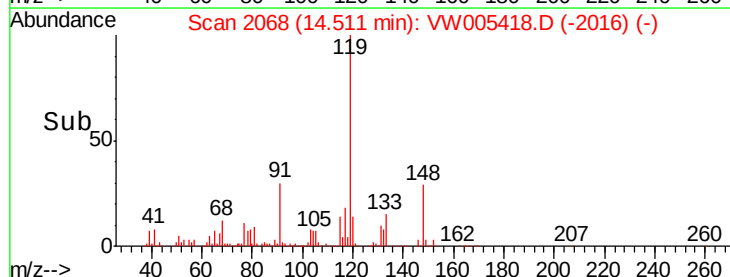
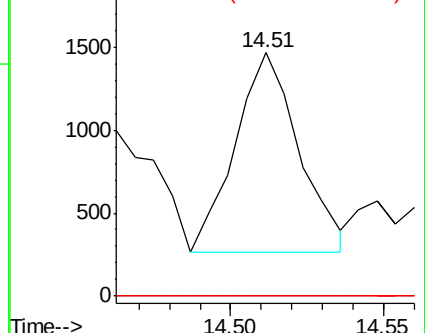
157 0.0 49.9 149.6#

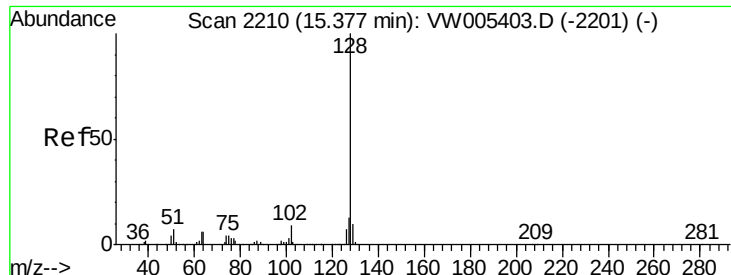


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

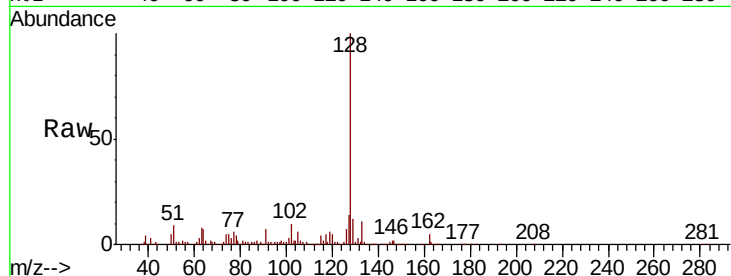




#95
Naphthalene
Concen: 42.428 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005418.D
Acq: 15 Sep 2018 07:18

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-01-54.5-55.0

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.4	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

