

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005086.D
 Acq On : 04 Sep 2018 18:06
 Operator : SY/AP
 Sample : J4687-02
 Misc : 3.23G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-08-1.5-2

Quant Time: Sep 04 18:30:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	192294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	211672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127483	79.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.96%	
35) Dibromofluoromethane	7.90	113	132740	108.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.04%	
50) Toluene-d8	10.33	98	190691	33.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.66%	
62) 4-Bromofluorobenzene	12.62	95	16036	8.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.14%	

Target Compounds

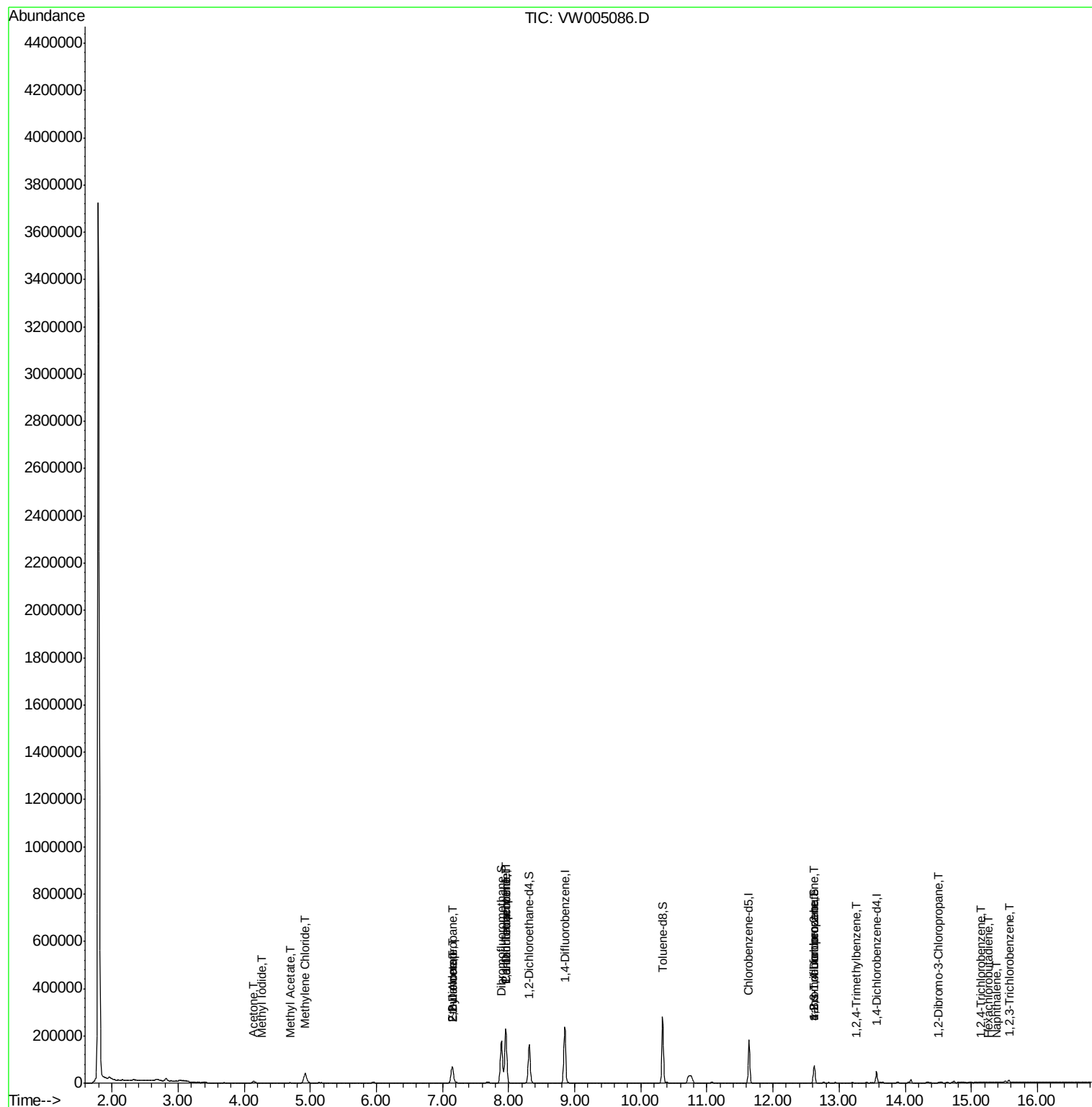
						Qvalue
5) Bromomethane	2.77	94	203	Below Cal	#	4
10) Methyl Iodide	4.26	142	204	3.893	ug/l #	44
11) Tert butyl alcohol	5.14	59	1780	Below Cal	#	72
16) Acetone	4.14	43	9925	31.047	ug/l	95
18) Methyl Acetate	4.68	43	2419	2.572	ug/l	100
20) Methylene Chloride	4.92	84	32978	12.338	ug/l	98
25) 2-Butanone	7.15	43	3609	6.509	ug/l #	63
26) 2,2-Dichloropropane	7.15	77	4869	1.853	ug/l #	51
36) 1,1-Dichloropropene	7.96	75	12614	6.257	ug/l #	48
37) Ethyl Acetate	7.15	43	3609	4.787	ug/l #	1
38) Carbon Tetrachloride	7.96	117	16391	8.551	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	7051	65.901	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7051	158.616	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.27	105	906	1.024	ug/l #	62
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24	1.004	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	425	1.430	ug/l	89
94) Hexachlorobutadiene	15.26	225	223	1.206	ug/l #	46
95) Naphthalene	15.38	128	1163	6.062	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.57	180	555	2.181	ug/l	90

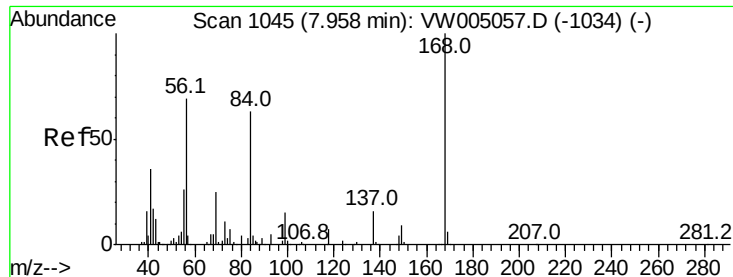
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

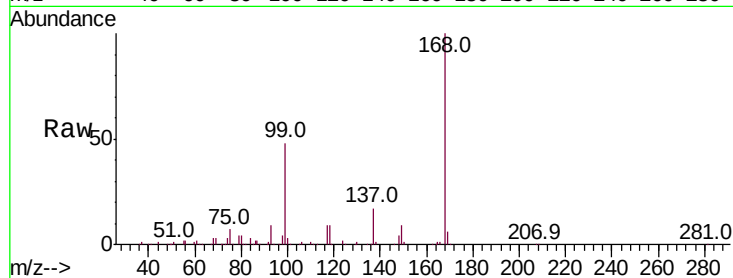
ENY-SB-08-1.5-2

Tot Ion:168 Resp: 192294

Ion Ratio Lower Upper

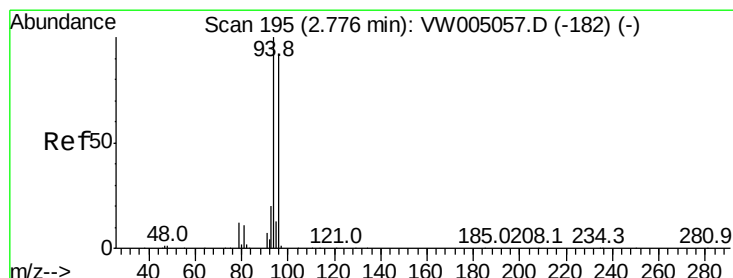
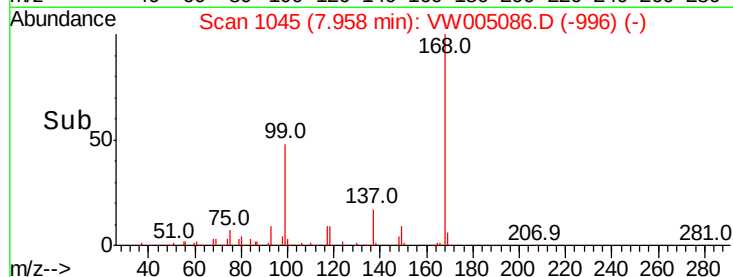
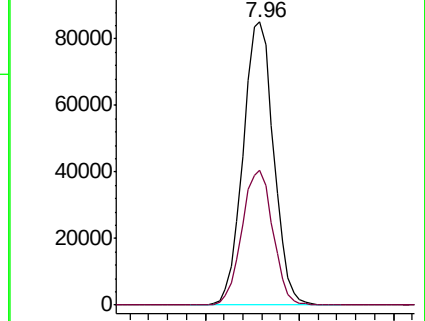
168 100

99 47.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005086.D

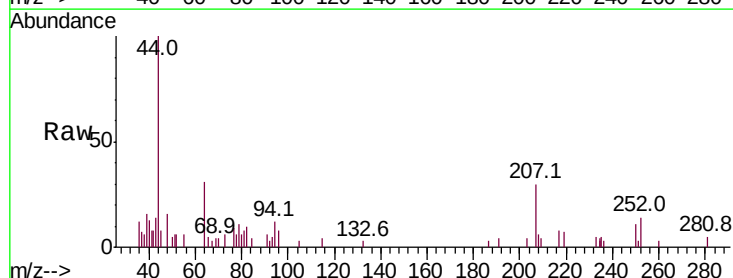
Acq: 04 Sep 2018 18:06

Tgt Ion: 94 Resp: 203

Ion Ratio Lower Upper

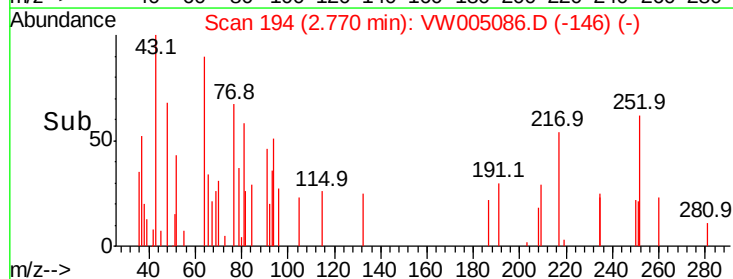
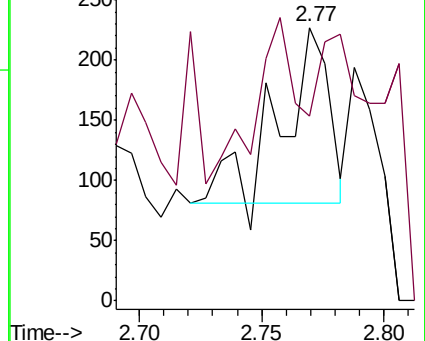
94 100

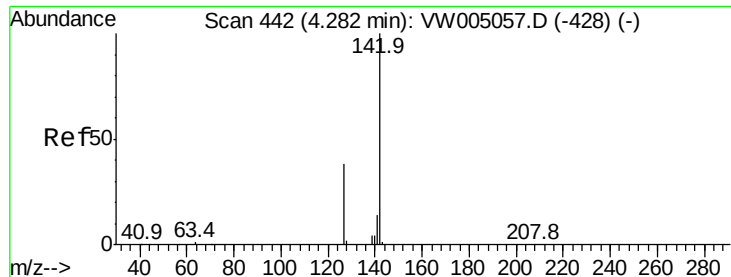
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

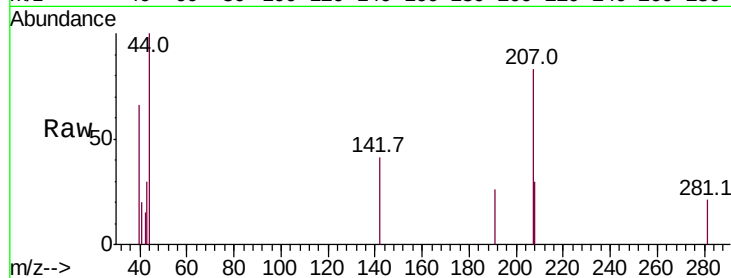




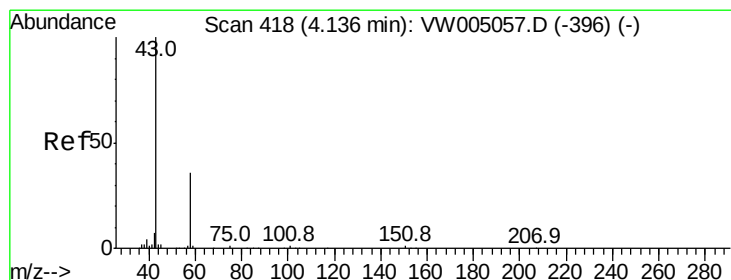
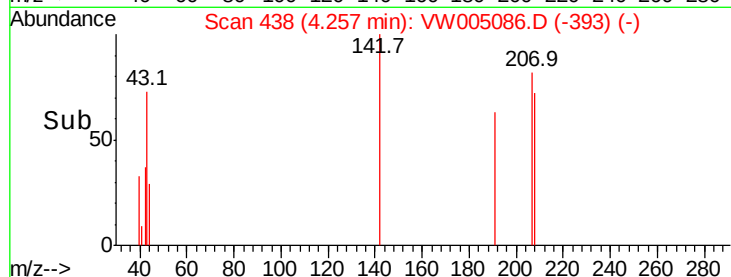
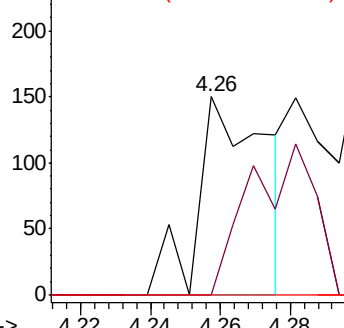
#10
Methyl Iodide
Concen: 3.893 ug/l
RT: 4.26 min Scan# 438
Delta R.T. -0.02 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

Tot Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

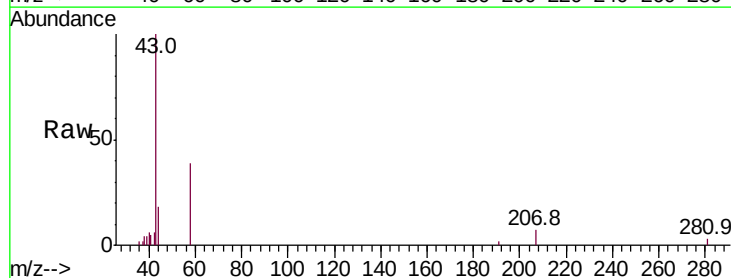


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

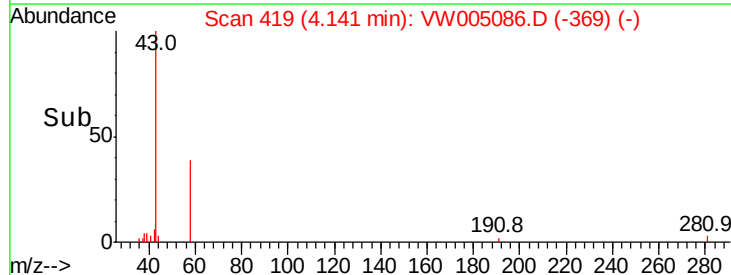
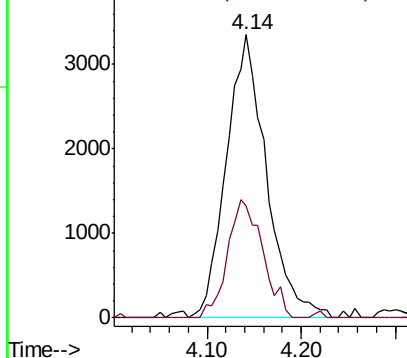


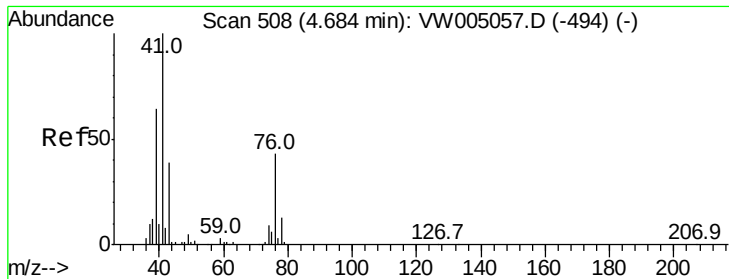
#16
Acetone
Concen: 31.047 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion: 43 Resp: 9925
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



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

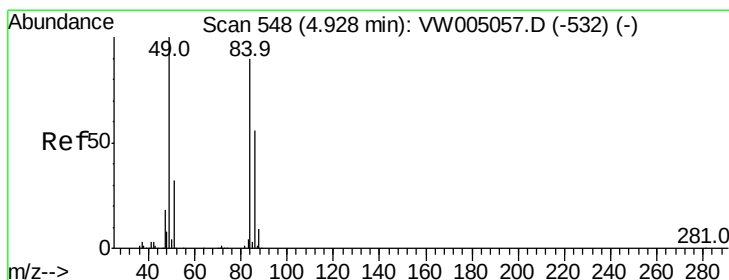
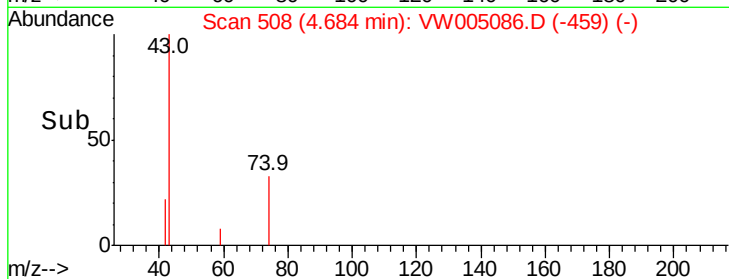
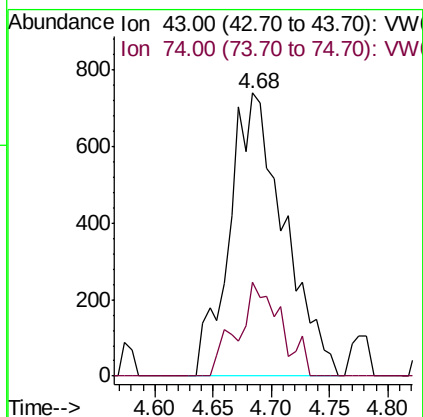
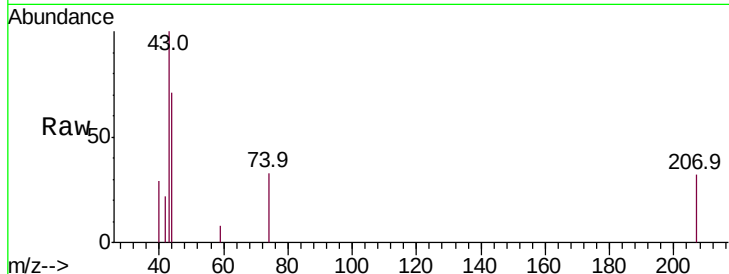




#18
Methvl Acetate
Concen: 2.572 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

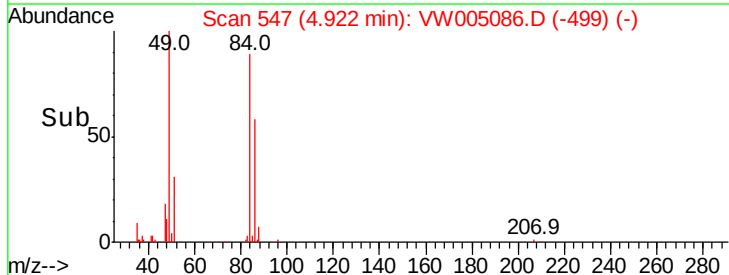
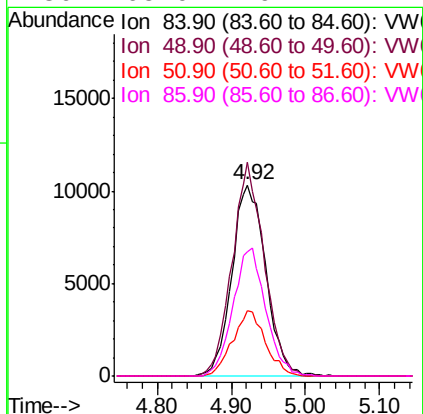
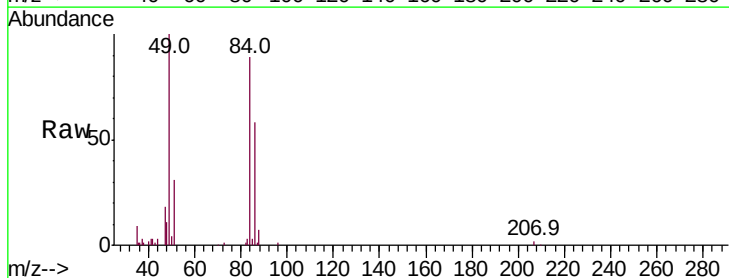
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

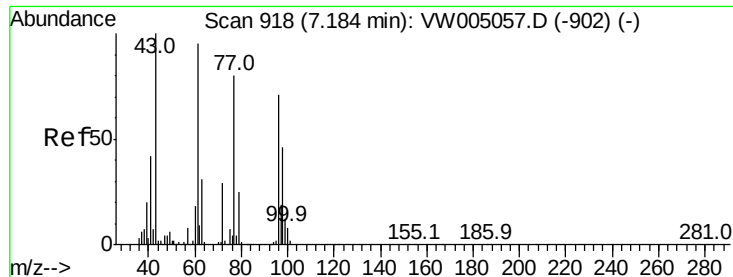
Tot Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
74 26.0 20.7 31.1



#20
Methylene Chloride
Concen: 12.338 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion: 84 Resp: 32978
Ion Ratio Lower Upper
84 100
49 112.0 88.7 133.1
51 34.4 28.6 42.8
86 65.0 49.4 74.2





#25

2-Butanone

Concen: 6.509 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

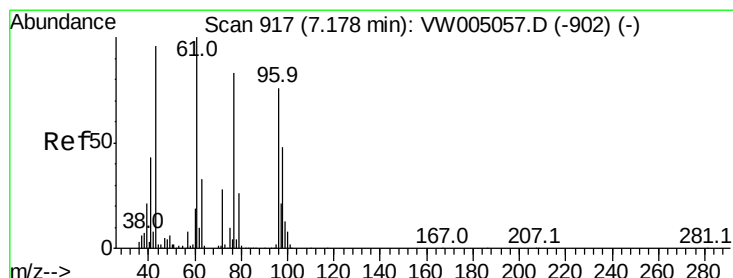
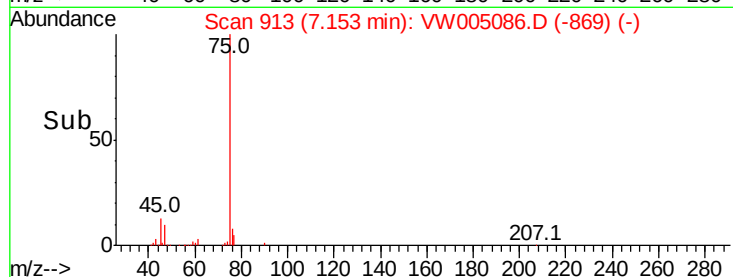
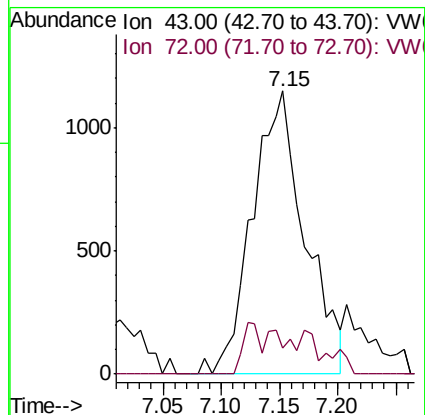
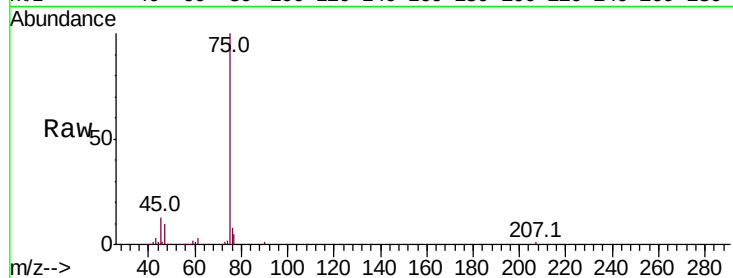
ENY-SB-08-1.5-2

Tot Ion: 43 Resp: 3609

Ion Ratio Lower Upper

43 100

72 9.2 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 1.853 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW005086.D

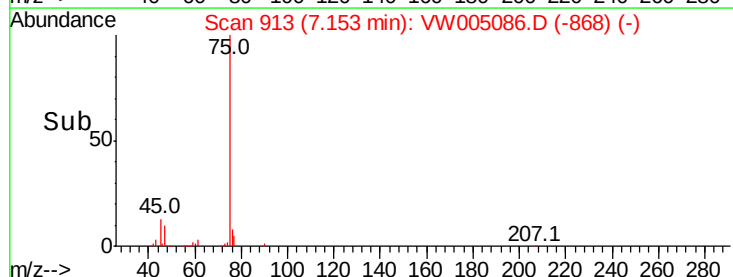
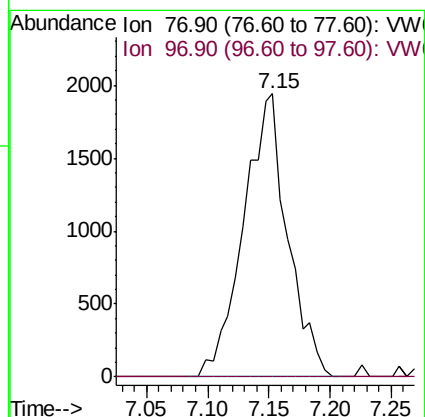
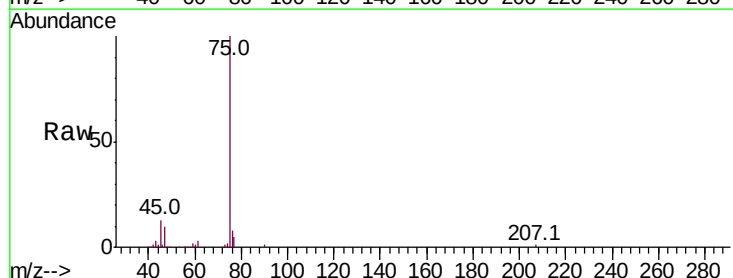
Acq: 04 Sep 2018 18:06

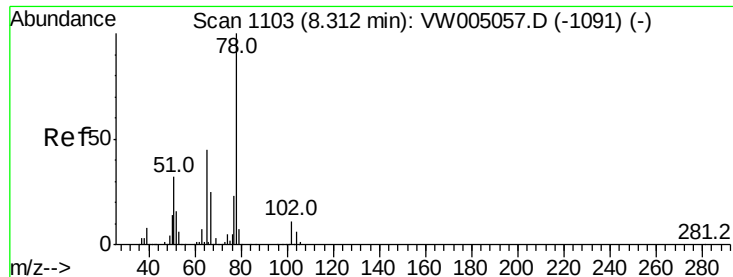
Tgt Ion: 77 Resp: 4869

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#

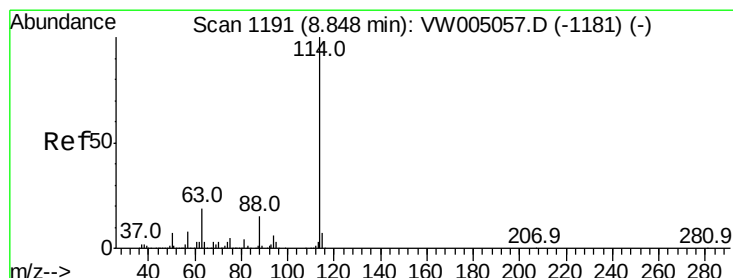
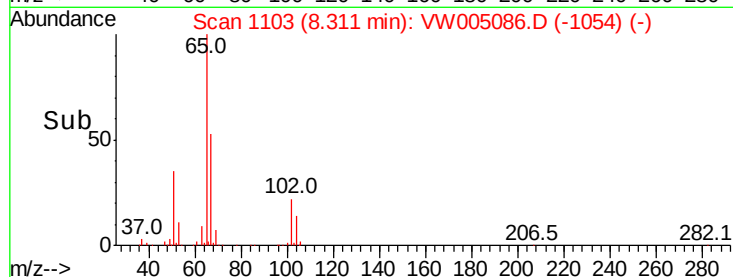
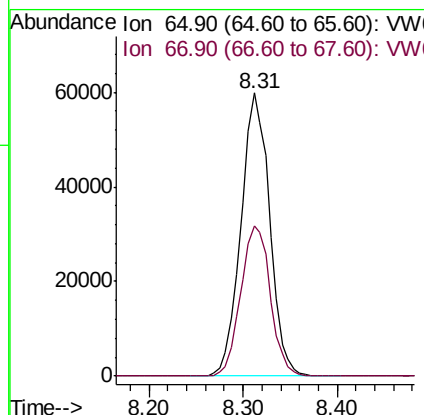
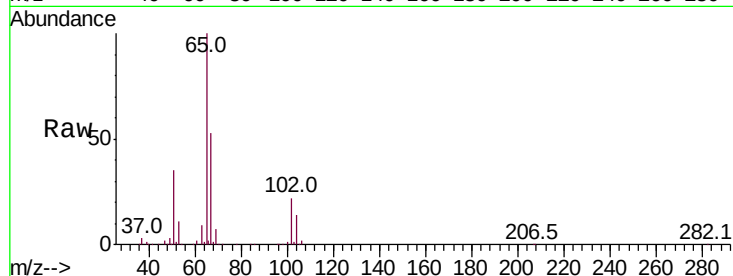




#33
 1,2-Dichloroethane-d4
 Concen: 79.975 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005086.D
 Acq: 04 Sep 2018 18:06

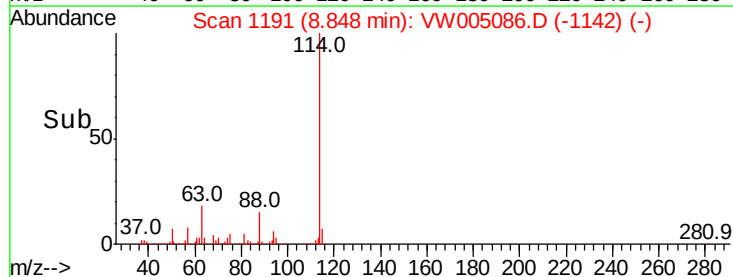
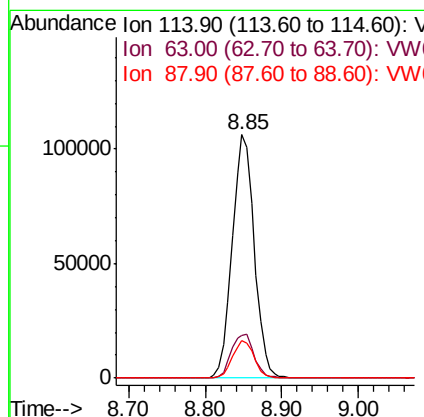
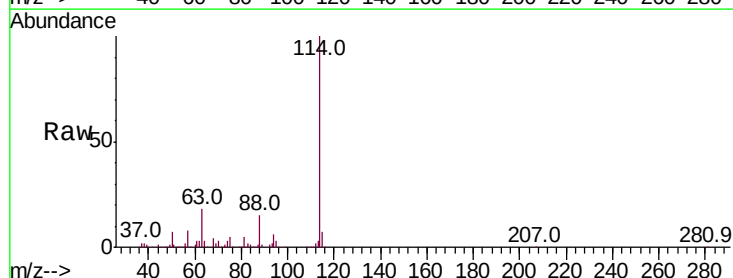
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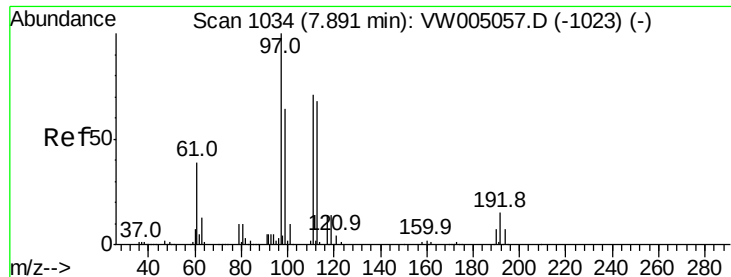
Tot Ion: 65 Resp: 127483
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005086.D
 Acq: 04 Sep 2018 18:06

Tgt Ion: 114 Resp: 211672
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.0
 88 15.2 0.0 30.2

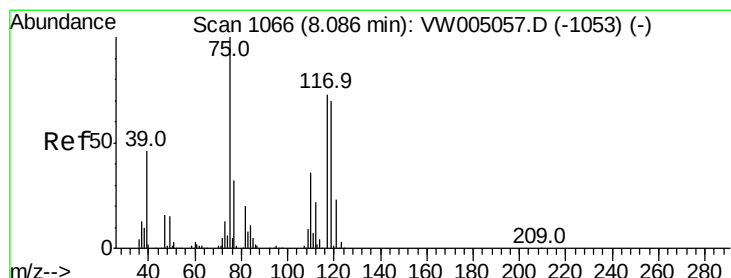
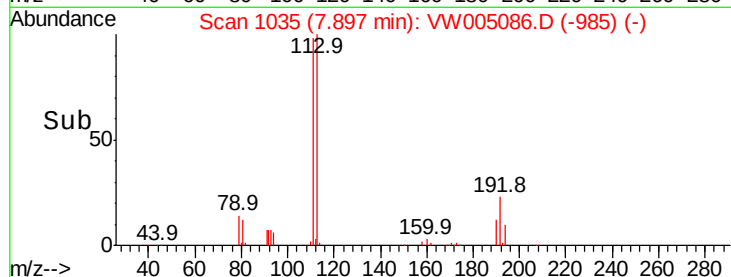
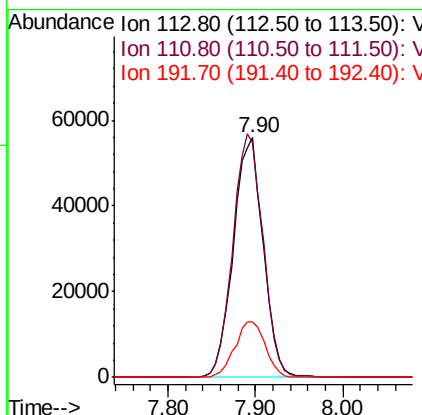
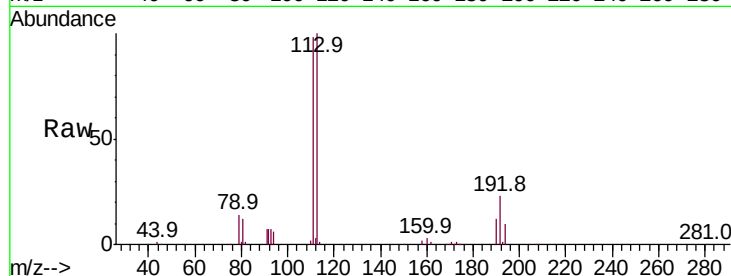




#35
Dibromofluoromethane
Concen: 108.517 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

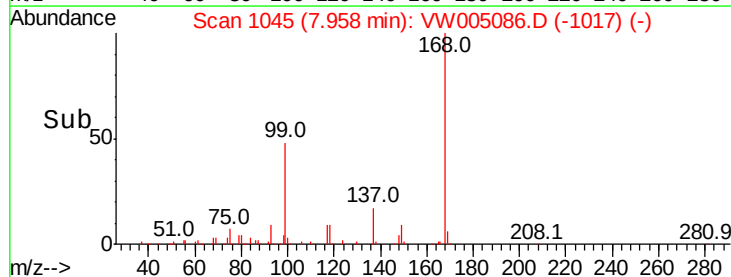
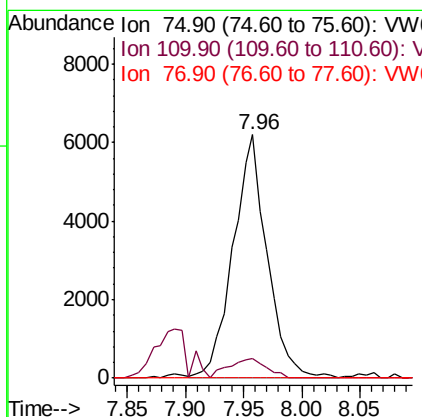
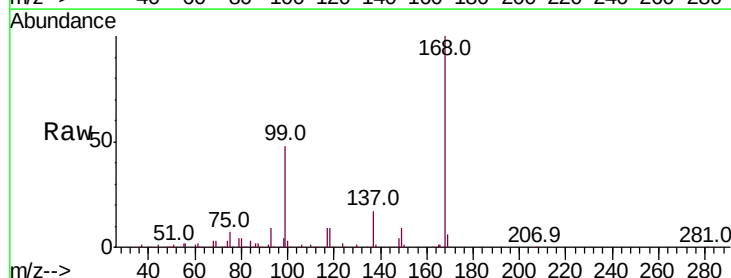
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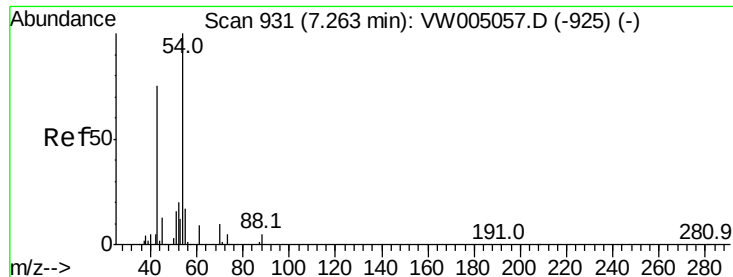
Tot Ion:113 Resp: 132740
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 23.6 18.1 27.1



#36
1,1-Dichloropropene
Concen: 6.257 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion: 75 Resp: 12614
Ion Ratio Lower Upper
75 100
110 8.9 18.9 56.7#
77 0.0 25.5 38.3#

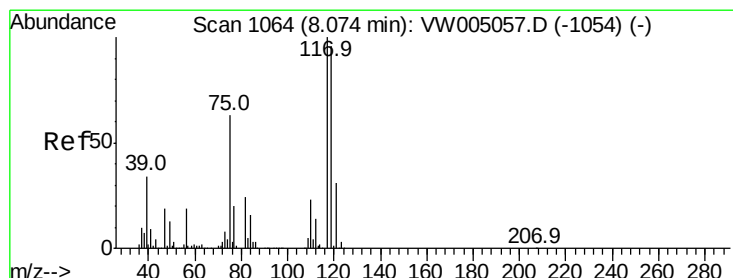
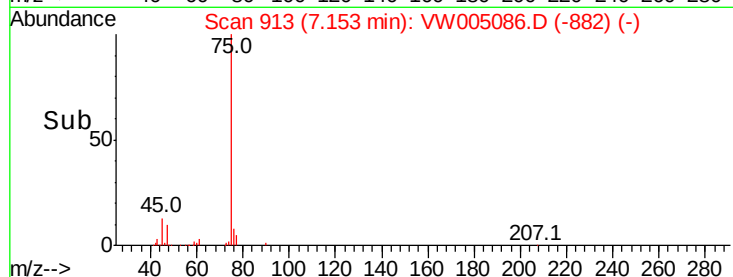
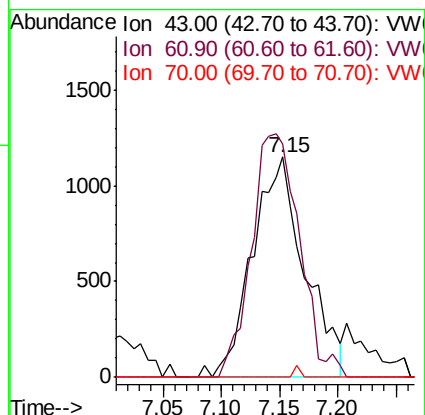
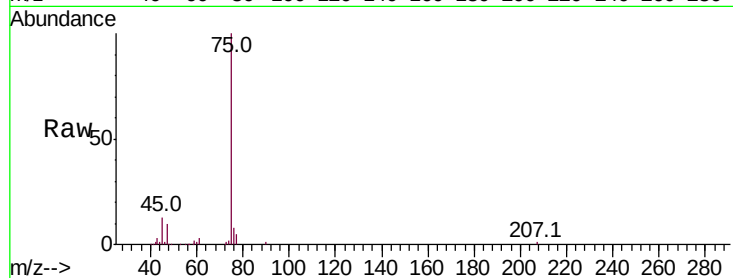




#37
Ethyl Acetate
Concen: 4.787 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.11 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

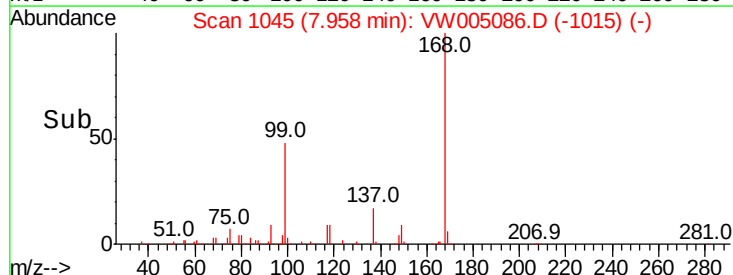
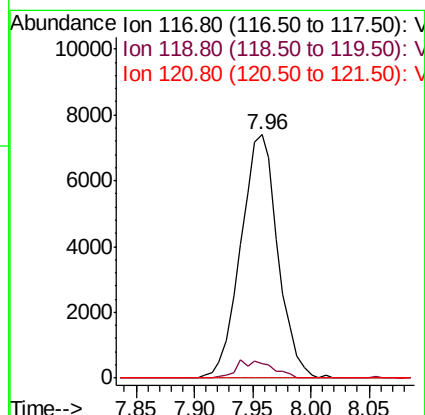
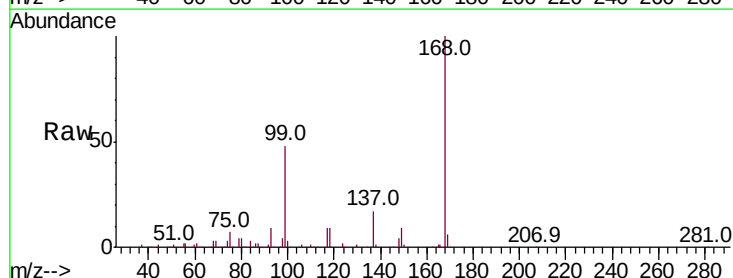
Instrument :
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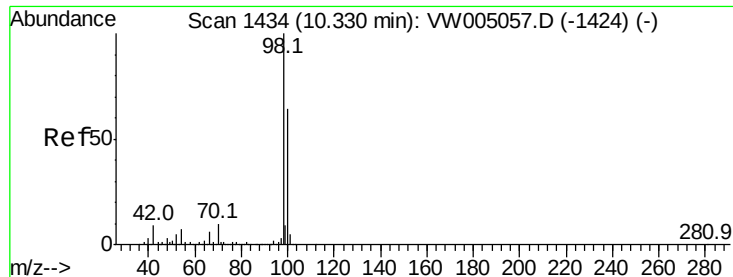
Tot Ion: 43 Resp: 3609
Ion Ratio Lower Upper
43 100
61 101.4 12.1 18.1#
70 0.6 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 8.551 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion: 117 Resp: 16391
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 24.8 37.2#

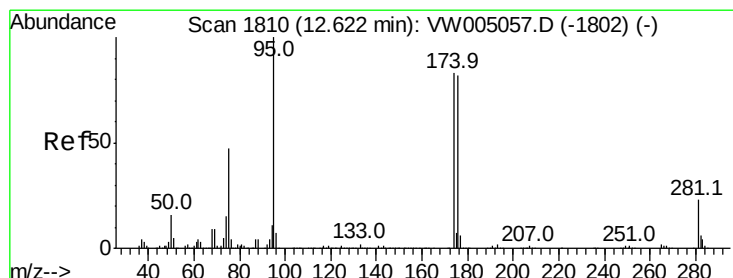
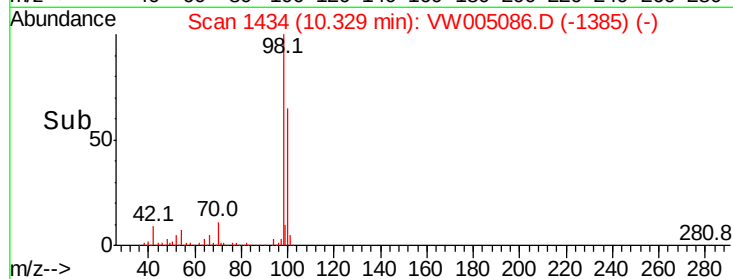
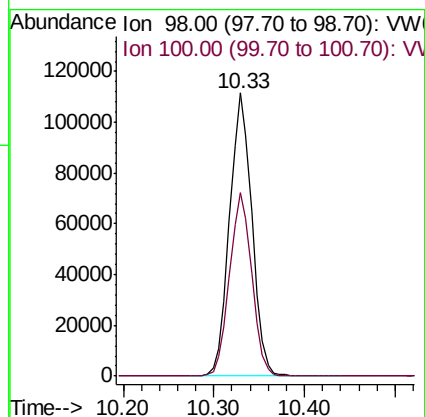
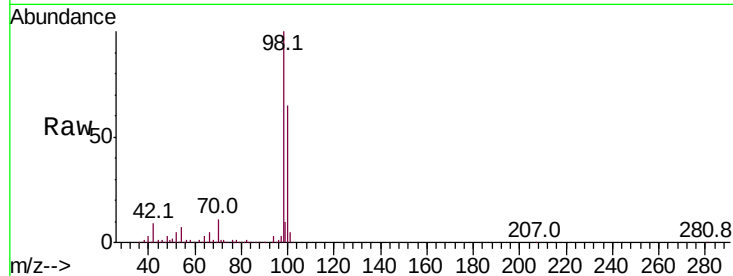




#50
Toluene-d8
Concen: 33.832 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

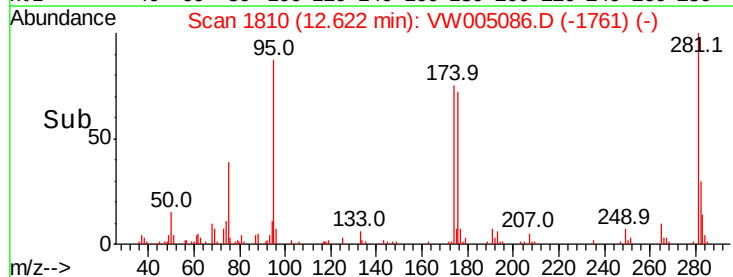
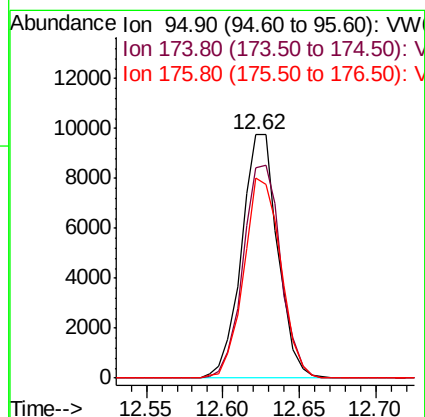
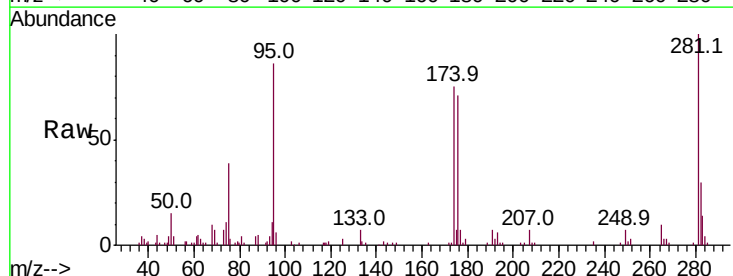
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

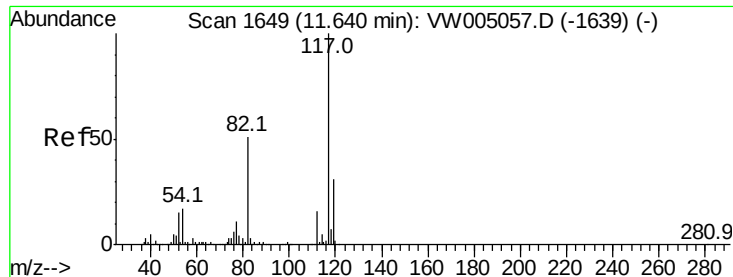
Tot Ion: 98 Resp: 190691
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 8.069 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion: 95 Resp: 16036
Ion Ratio Lower Upper
95 100
174 90.5 0.0 173.4
176 84.2 0.0 167.4

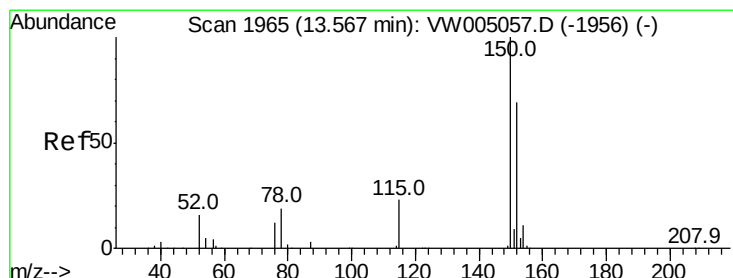
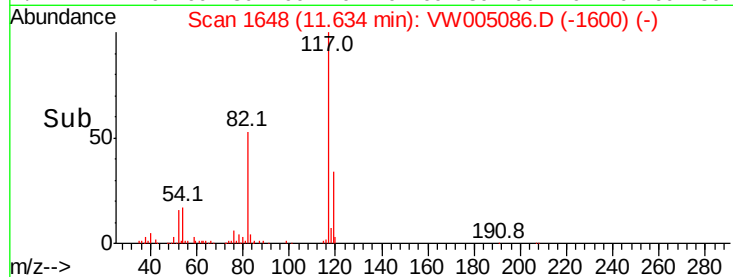
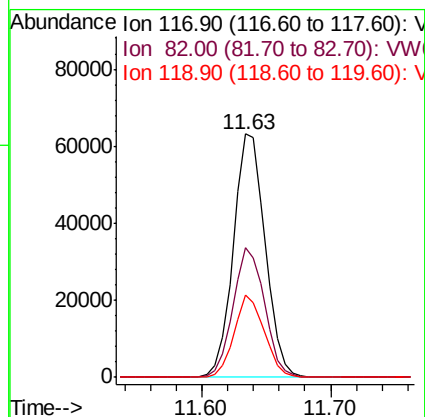
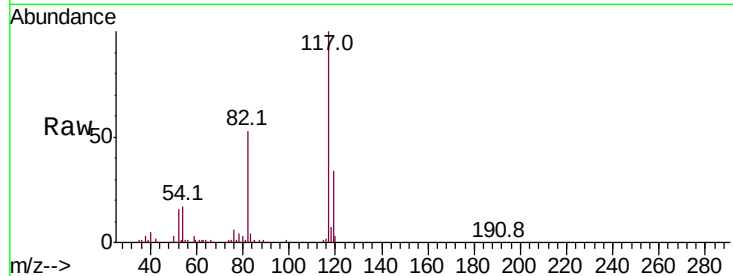




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

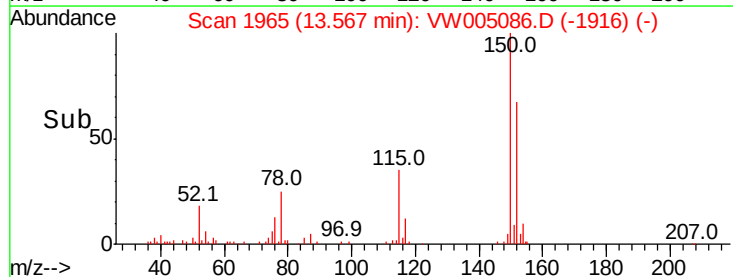
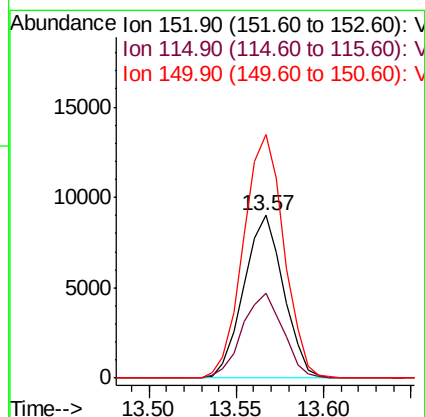
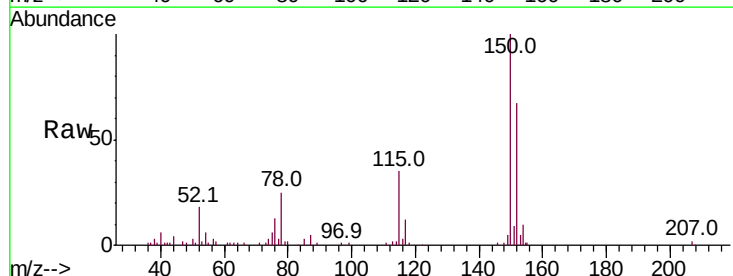
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

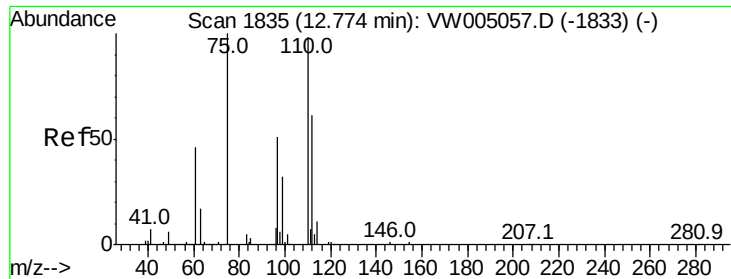
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	40.9	61.3
119	34.0	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.8	83.4
150	151.9	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 65.901 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

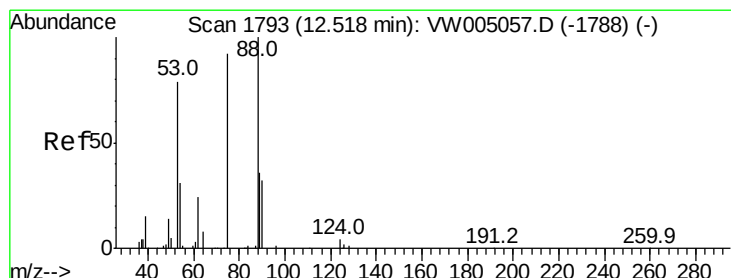
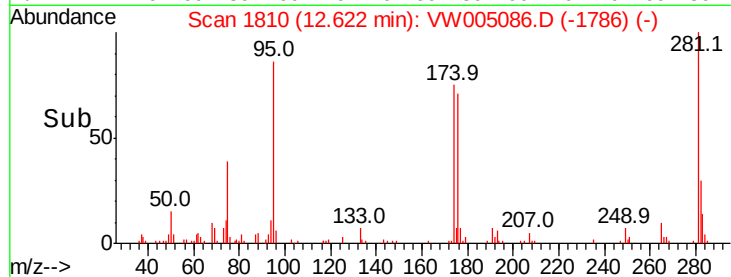
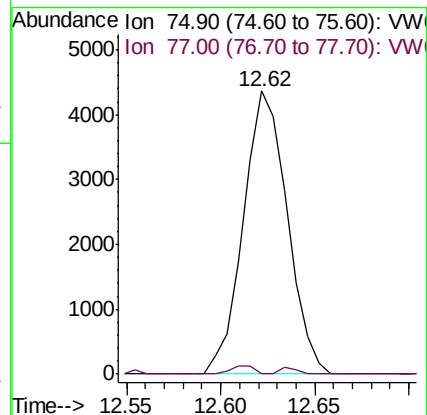
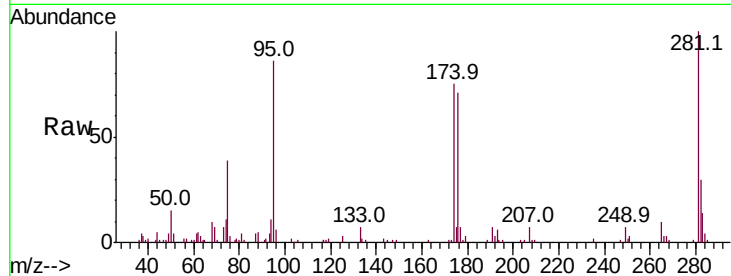
ENY-SB-08-1.5-2

Tot Ion: 75 Resp: 7051

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 158.616 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

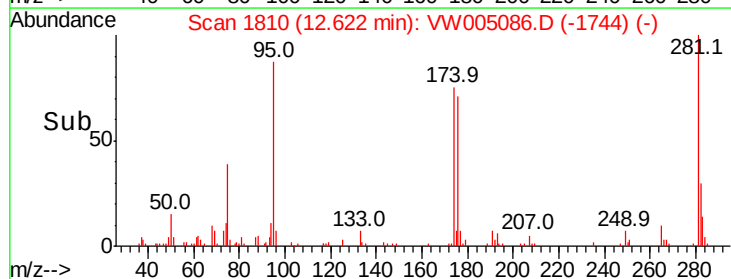
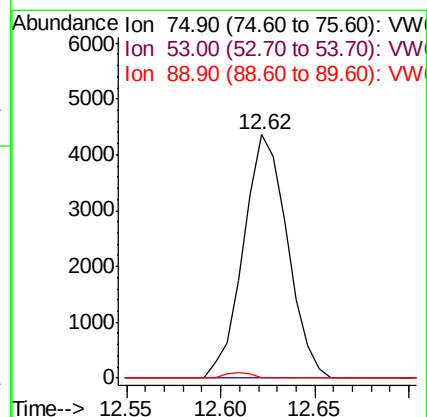
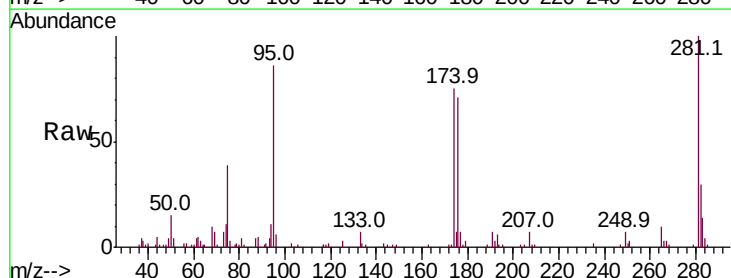
Tgt Ion: 75 Resp: 7051

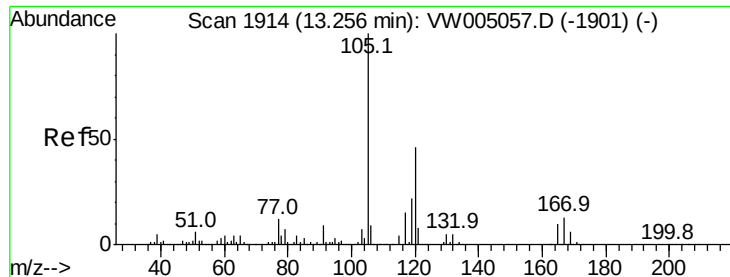
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 1.2 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.024 ug/l

RT: 13.27 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

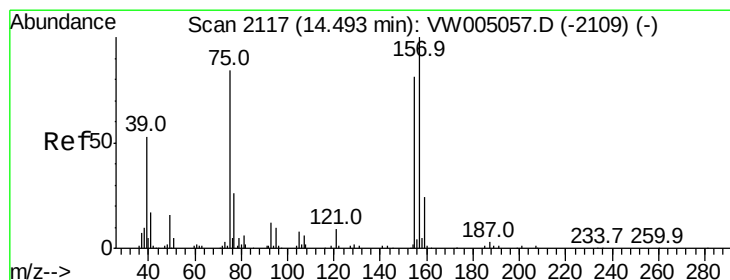
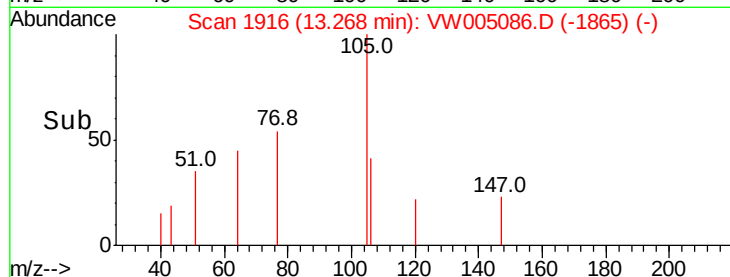
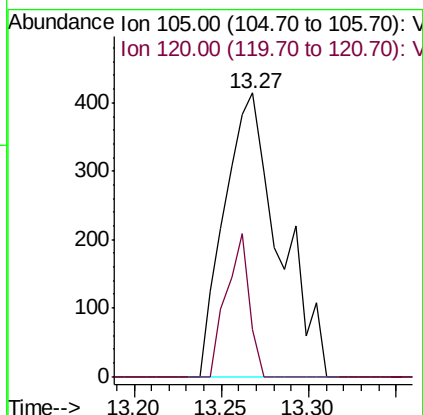
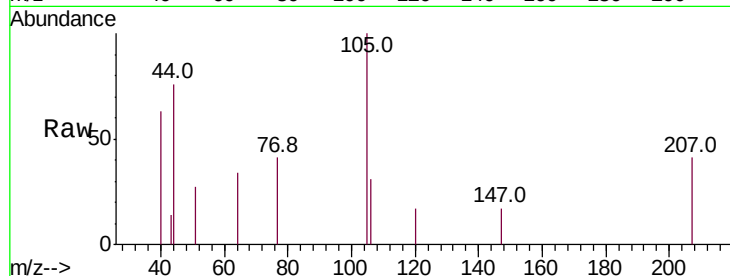
ENY-SB-08-1.5-2

Tot Ion:105 Resp: 906

Ion Ratio Lower Upper

105 100

120 21.1 23.1 69.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.004 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005086.D

Acq: 04 Sep 2018 18:06

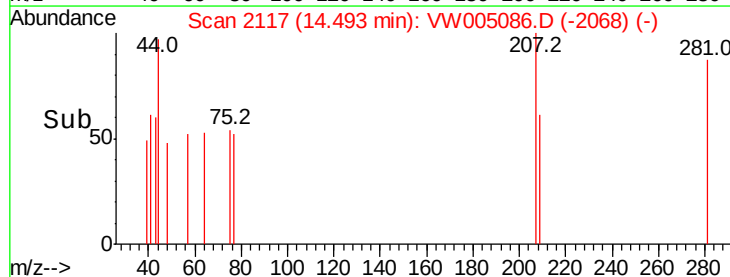
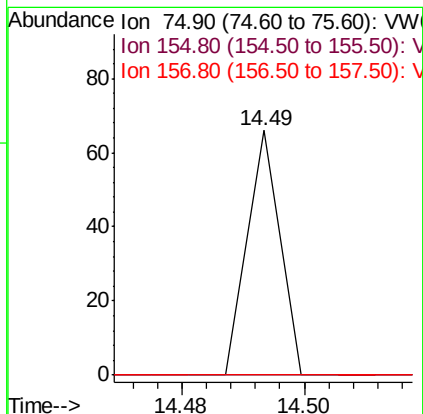
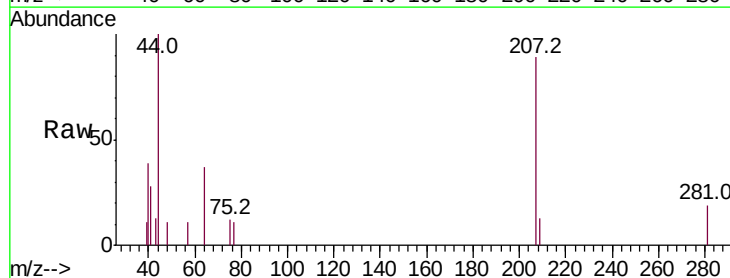
Tgt Ion: 75 Resp: 24

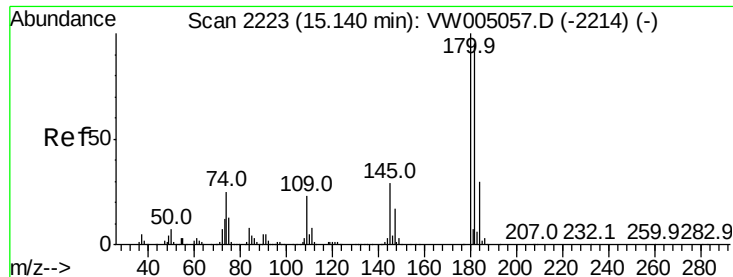
Ion Ratio Lower Upper

75 100

155 0.0 46.0 137.8#

157 0.0 58.6 175.7#

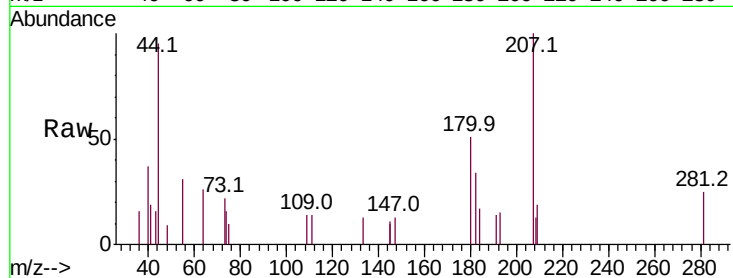




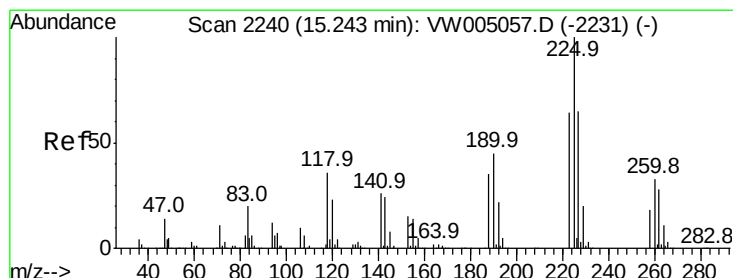
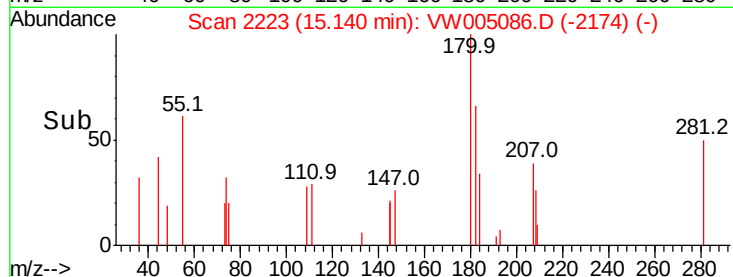
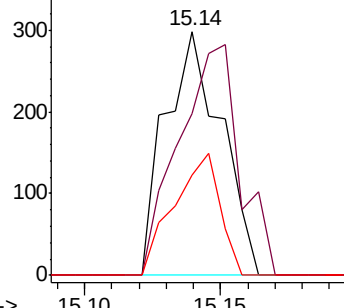
#93
 1,2,4-Trichlorobenzene
 Concen: 1.430 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005086.D
 Acq: 04 Sep 2018 18:06

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-08-1.5-2

Tot Ion:180 Resp: 425
 Ion Ratio Lower Upper
 180 100
 182 102.6 47.5 142.6
 145 41.2 14.4 43.2

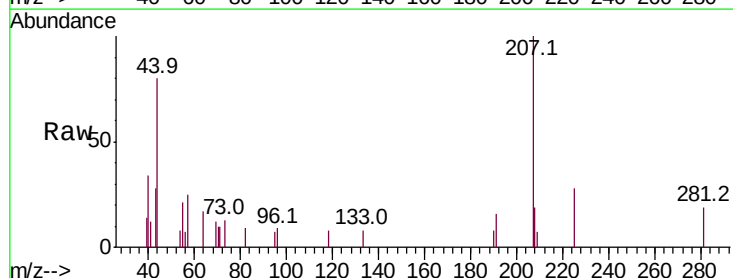


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

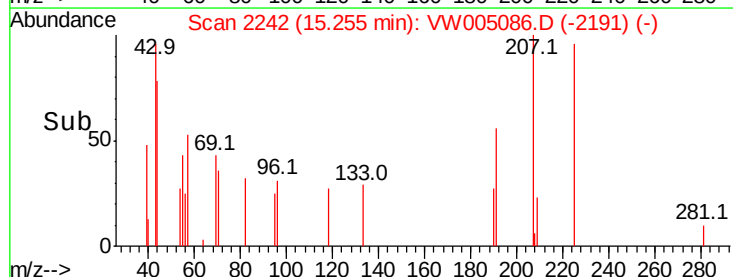
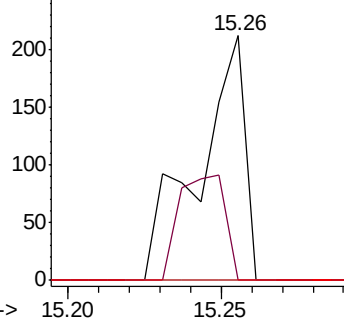


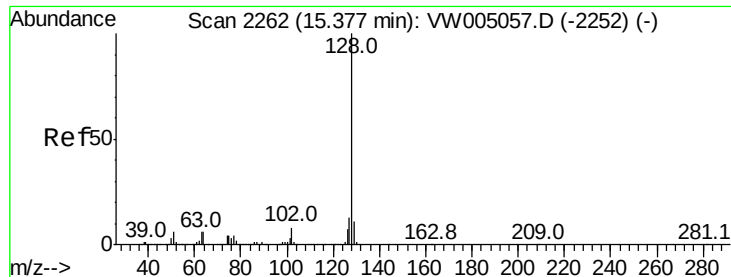
#94
 Hexachlorobutadiene
 Concen: 1.206 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW005086.D
 Acq: 04 Sep 2018 18:06

Tgt Ion:225 Resp: 223
 Ion Ratio Lower Upper
 225 100
 223 42.6 31.4 94.3
 227 0.0 32.0 96.0#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

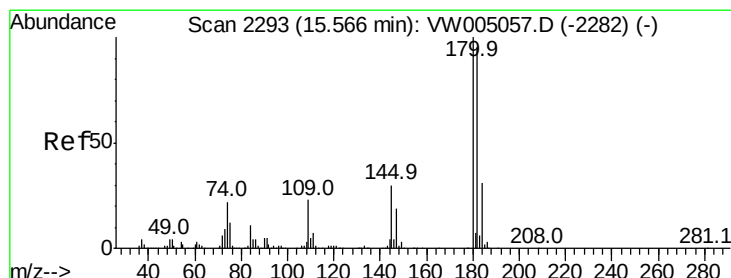
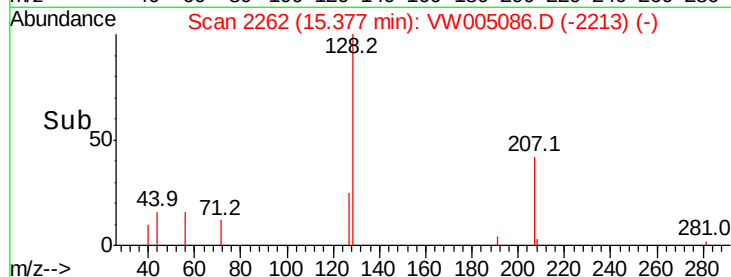
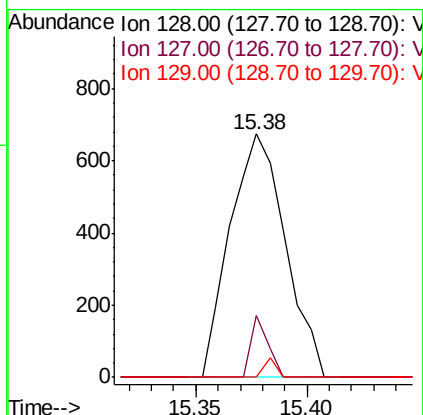
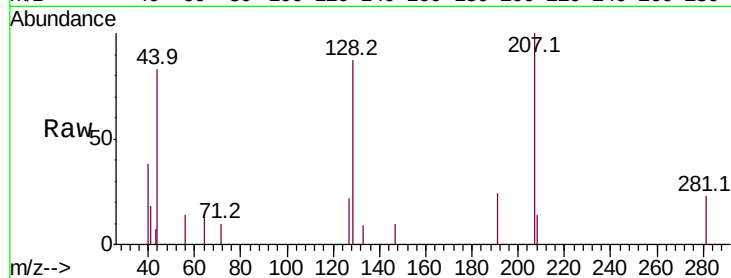




#95
Naphthalene
Concen: 6.062 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-08-1.5-2

Tot Ion:128 Resp: 1163
Ion Ratio Lower Upper
128 100
127 7.9 10.4 15.6#
129 1.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.181 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VW005086.D
Acq: 04 Sep 2018 18:06

Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 88.6 47.4 142.3
145 18.7 15.4 46.1

