

Data File : VW005087.D
Acq On : 04 Sep 2018 18:32
Operator : SY/AP
Sample : J4687-03
Misc : 2.57G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-06-1.5-2

Quant Time: Sep 05 04:13:55 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	275293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144696	63.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.82%	
35) Dibromofluoromethane	7.89	113	144813	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
50) Toluene-d8	10.33	98	352481	30.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.94%	
62) 4-Bromofluorobenzene	12.62	95	46327	11.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.08%	

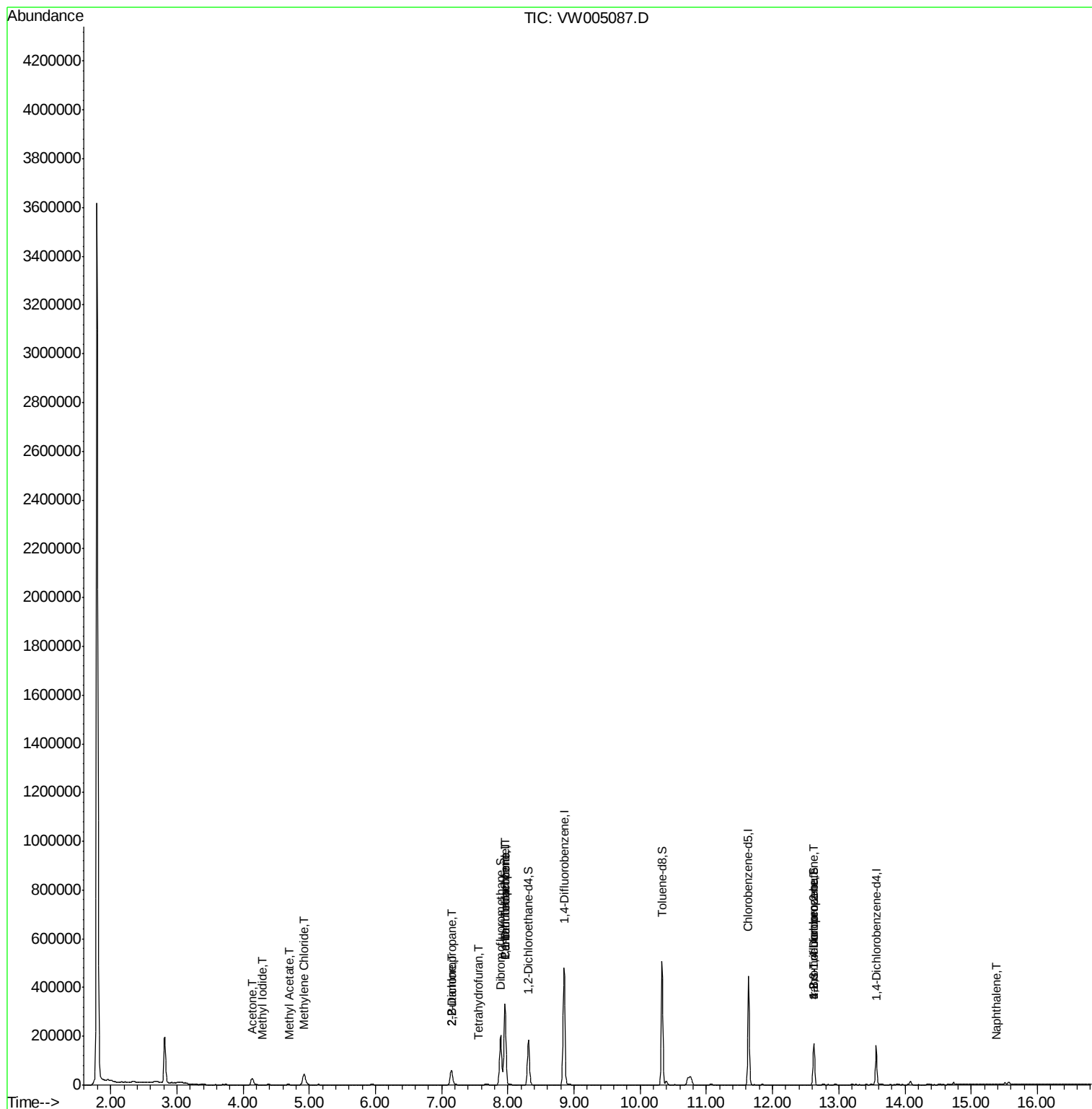
Target Compounds			Qvalue			
5) Bromomethane	2.77	94	290	Below Cal		87
10) Methyl Iodide	4.29	142	379	3.916 ug/l #		44
11) Tert butyl alcohol	5.18	59	562	Below Cal #		72
16) Acetone	4.14	43	43943	96.016 ug/l		93
18) Methyl Acetate	4.69	43	3447	2.560 ug/l #		88
20) Methylene Chloride	4.92	84	36851	8.704 ug/l		97
25) 2-Butanone	7.15	43	2788	3.512 ug/l		99
26) 2,2-Dichloropropane	7.14	77	4373	1.163 ug/l #		51
29) Tetrahydrofuran	7.56	42	415	1.023 ug/l #		63
36) 1,1-Dichloropropene	7.95	75	18380	4.515 ug/l #		47
38) Carbon Tetrachloride	7.96	117	23046	5.953 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	21493	63.674 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	21493	153.256 ug/l #		15
95) Naphthalene	15.38	128	1143	4.628 ug/l #		95

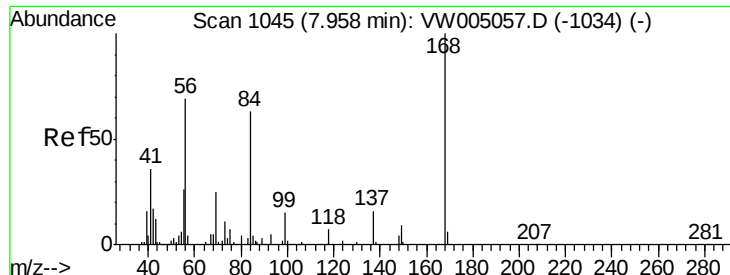
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

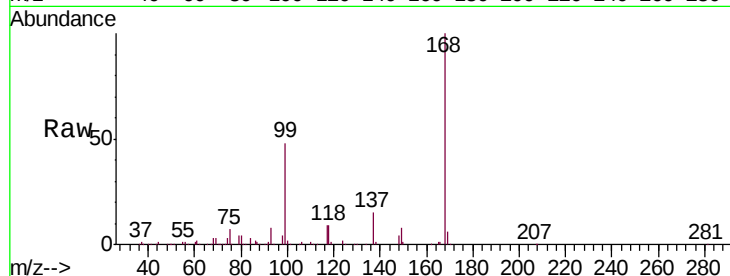
ENY-SB-06-1.5-2

Tgt Ion:168 Resp: 275293

Ion Ratio Lower Upper

168 100

99 48.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

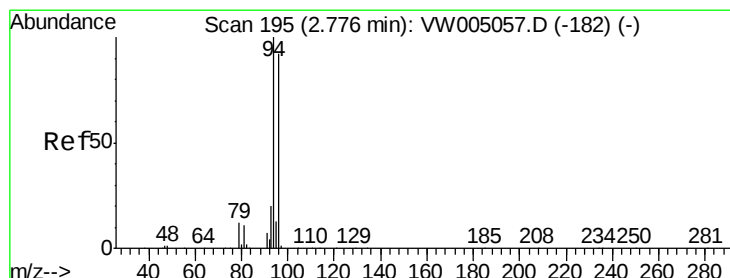
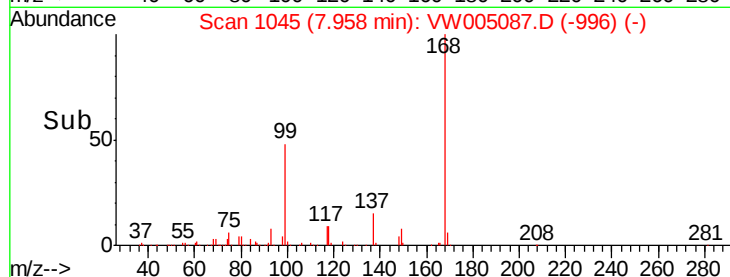
7.96

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005087.D

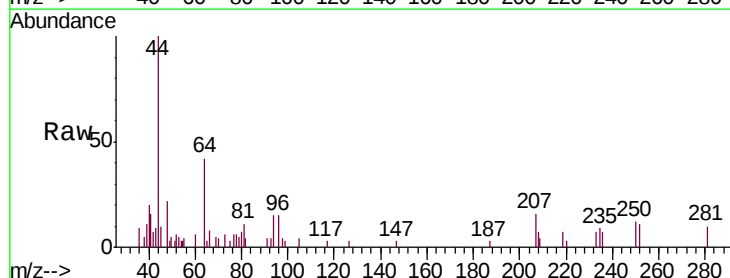
Acq: 04 Sep 2018 18:32

Tgt Ion: 94 Resp: 290

Ion Ratio Lower Upper

94 100

96 79.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

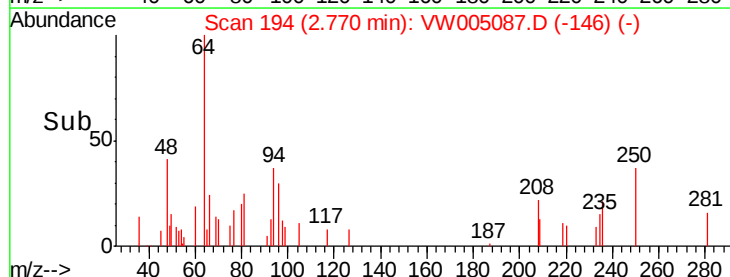
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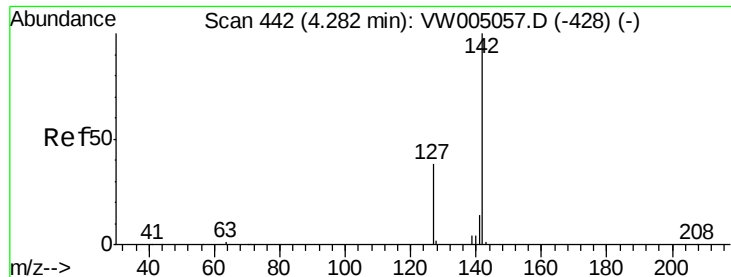
200

100

0

Time-->

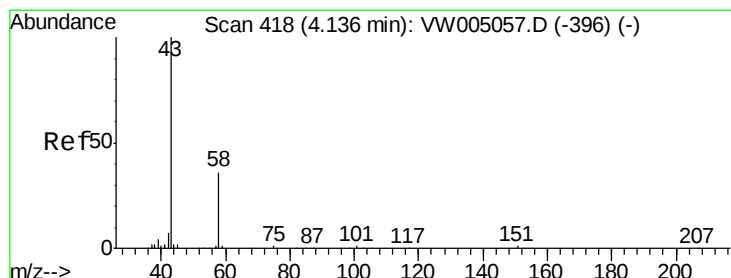
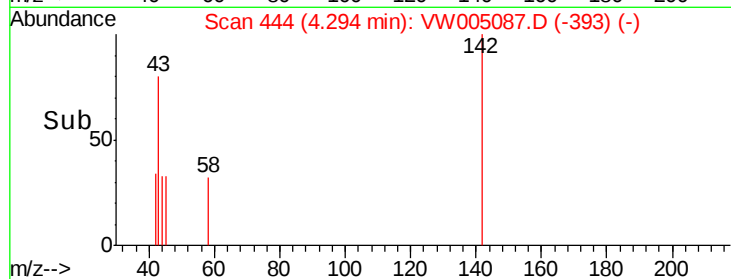
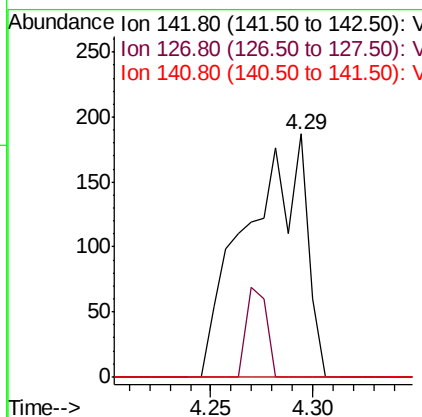
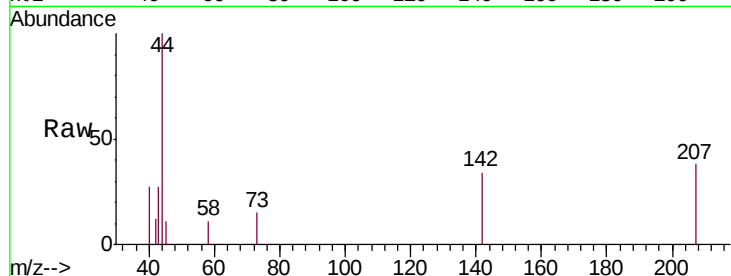




#10
Methyl Iodide
Concen: 3.916 ug/l
RT: 4.29 min Scan# 444
Delta R.T. 0.01 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

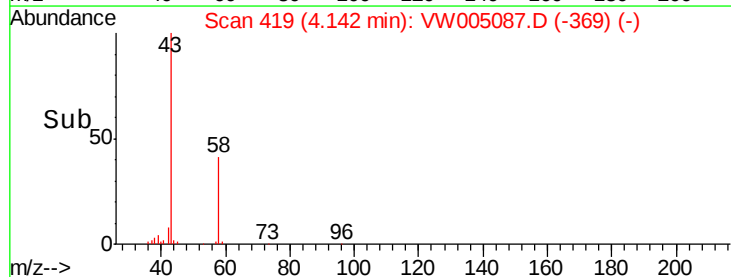
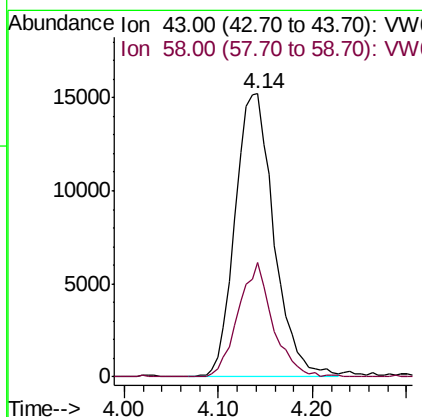
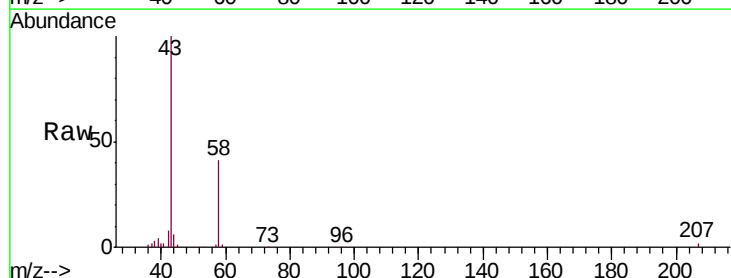
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-06-1.5-2

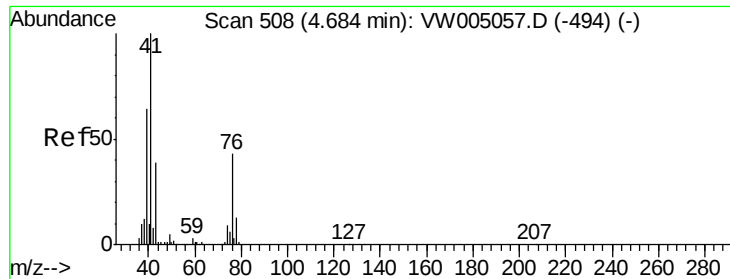
Tgt Ion: 142 Resp: 379
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 96.016 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

Tgt Ion: 43 Resp: 43943
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6

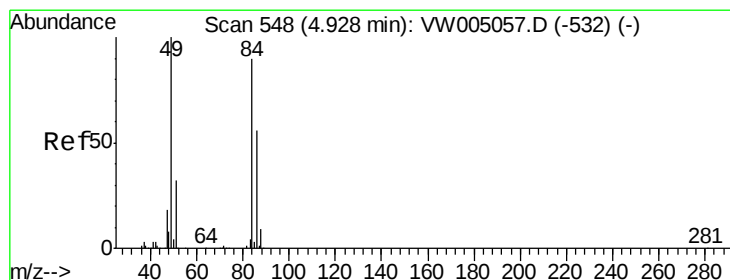
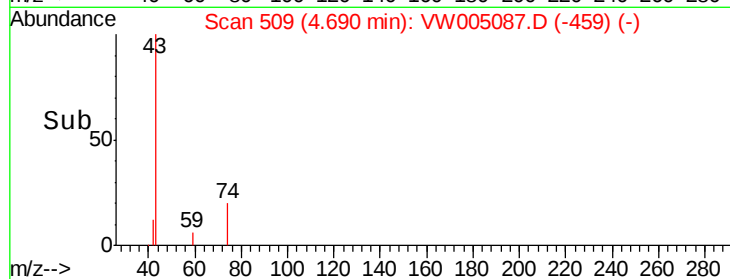
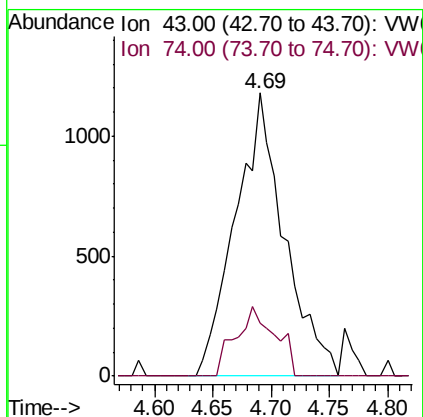
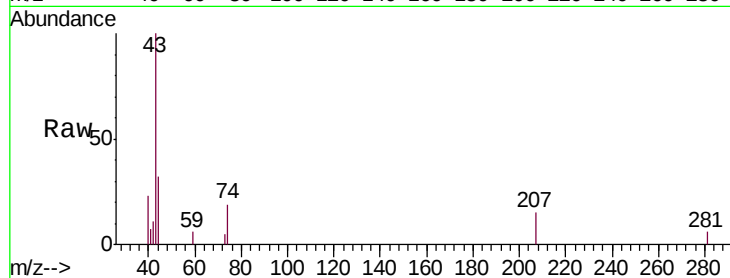




#18
Methyl Acetate
Concen: 2.560 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

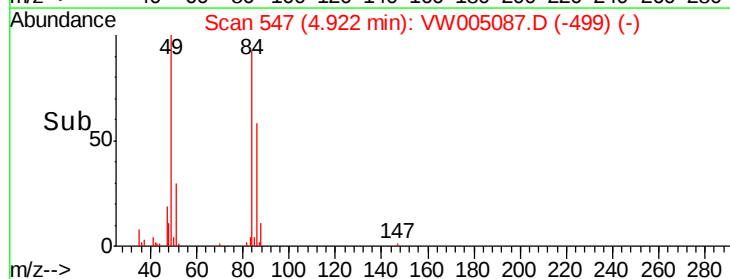
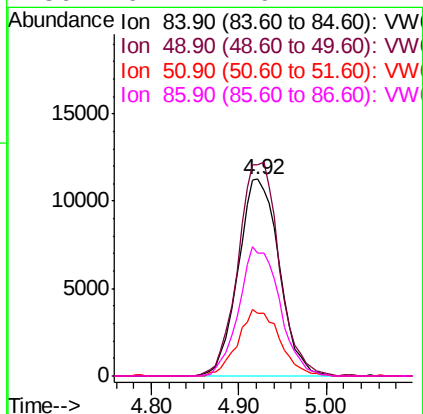
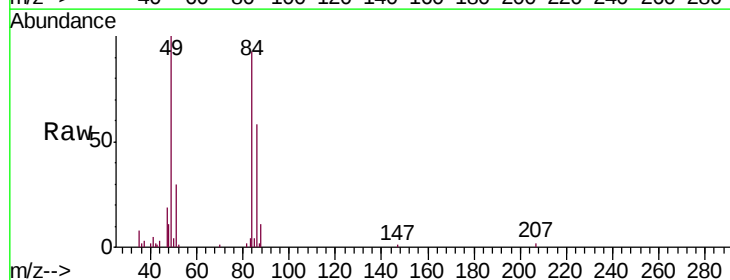
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-06-1.5-2

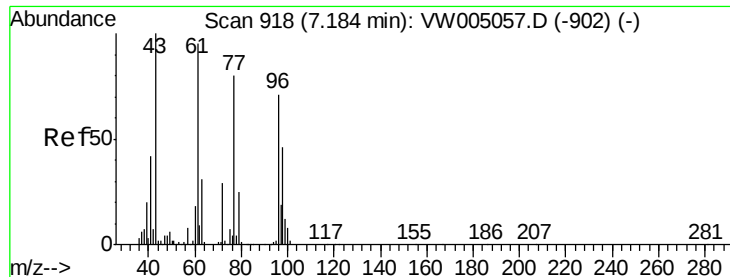
Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
74 19.9 20.7 31.1#



#20
Methylene Chloride
Concen: 8.704 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

Tgt Ion: 84 Resp: 36851
Ion Ratio Lower Upper
84 100
49 107.5 88.7 133.1
51 31.8 28.6 42.8
86 62.1 49.4 74.2





#25

2-Butanone

Concen: 3.512 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

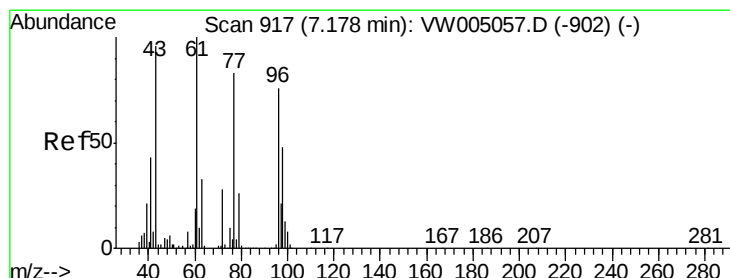
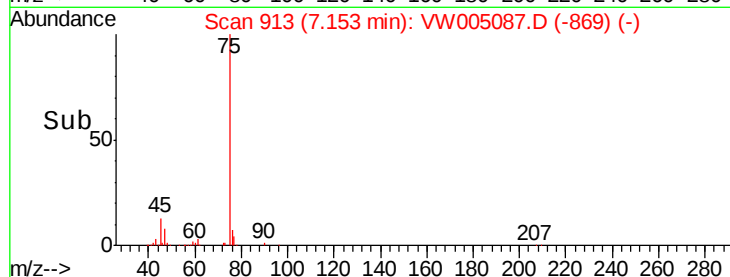
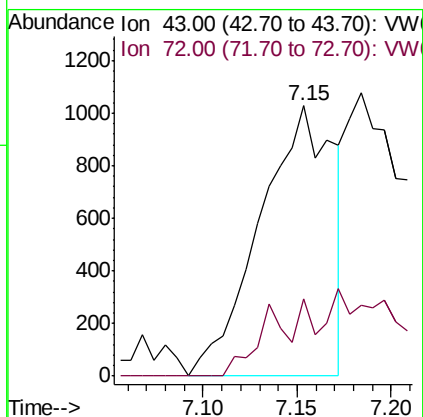
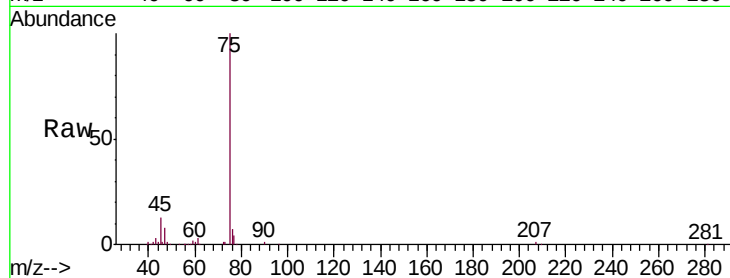
ENY-SB-06-1.5-2

Tgt Ion: 43 Resp: 2788

Ion Ratio Lower Upper

43 100

72 28.5 23.1 34.7



#26

2,2-Dichloropropane

Concen: 1.163 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.04 min

Lab File: VW005087.D

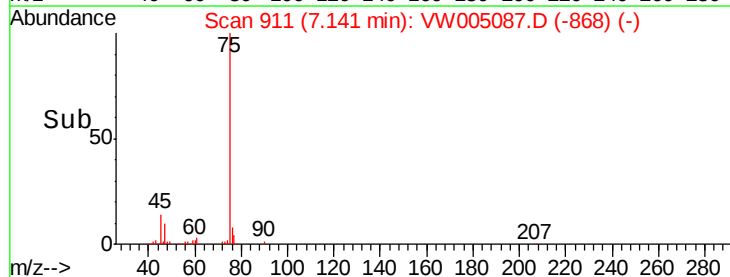
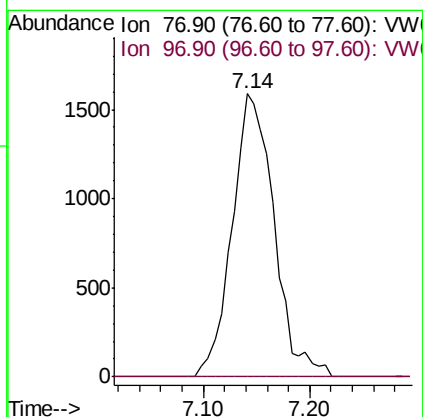
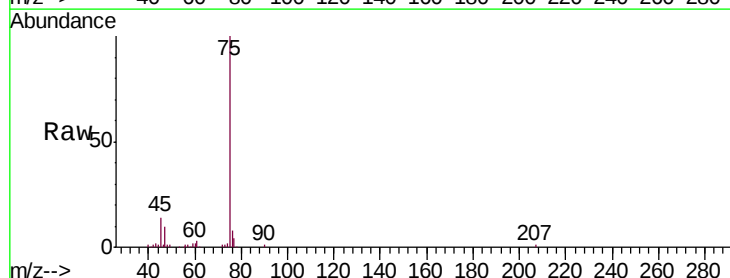
Acq: 04 Sep 2018 18:32

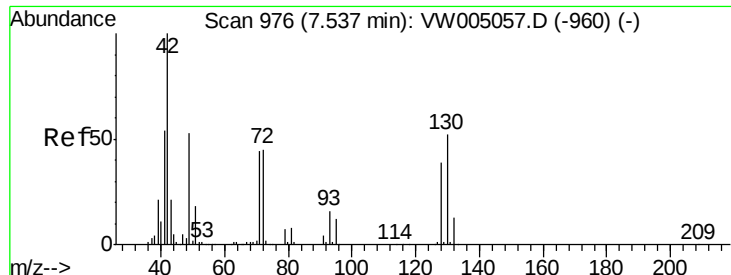
Tgt Ion: 77 Resp: 4373

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#





#29

Tetrahydrofuran

Concen: 1.023 ug/l

RT: 7.56 min Scan# 980

Delta R.T. 0.02 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-06-1.5-2

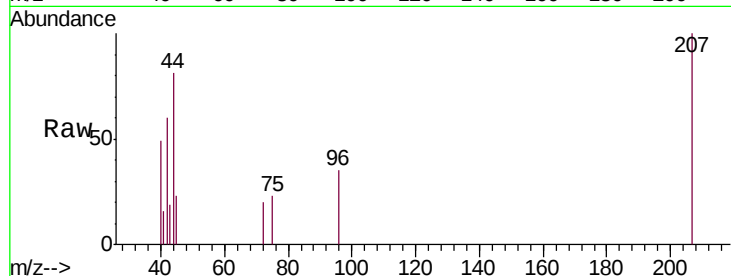
Tgt Ion: 42 Resp: 415

Ion Ratio Lower Upper

42 100

72 21.0 37.0 55.4#

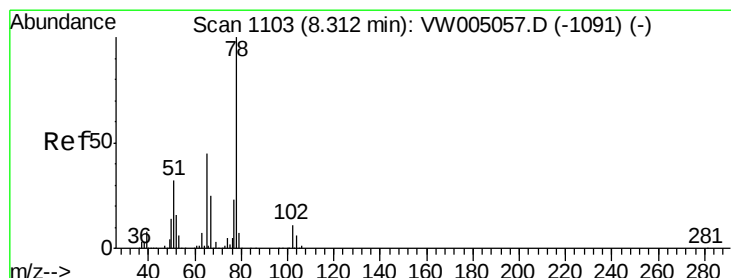
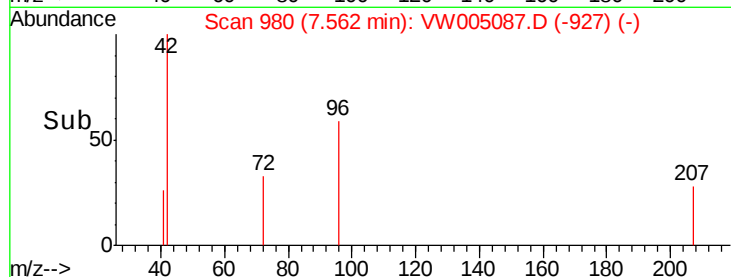
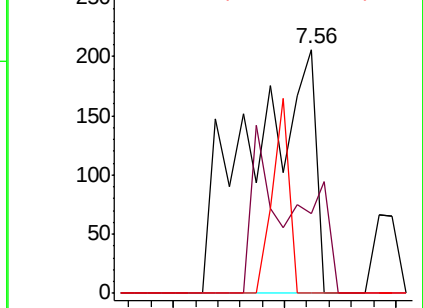
71 21.0 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 63.406 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005087.D

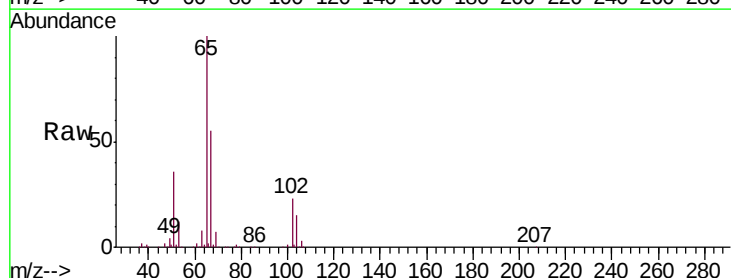
Acq: 04 Sep 2018 18:32

Tgt Ion: 65 Resp: 144696

Ion Ratio Lower Upper

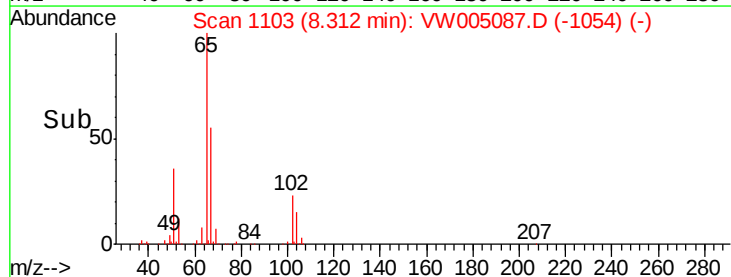
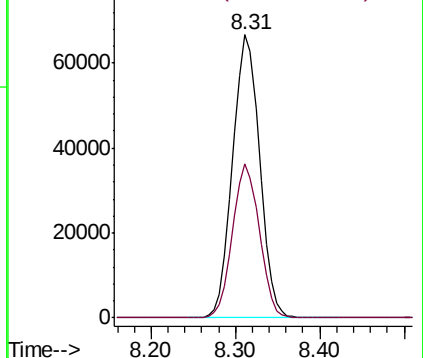
65 100

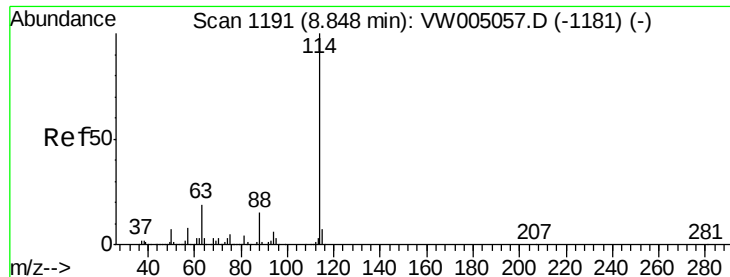
67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

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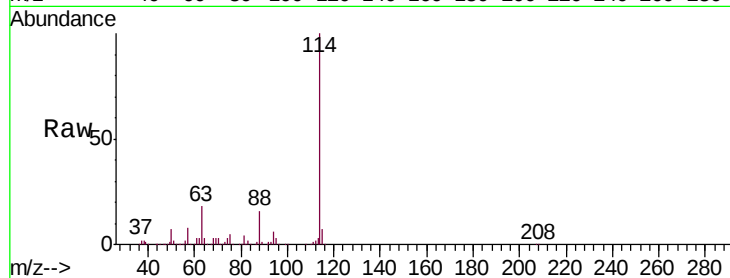
Tgt Ion:114 Resp: 427475

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

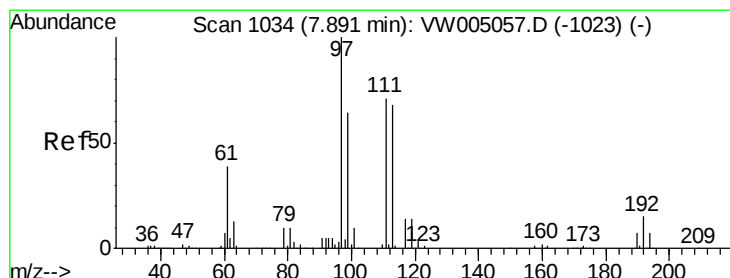
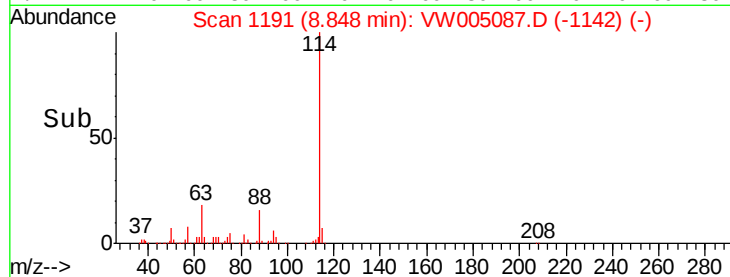
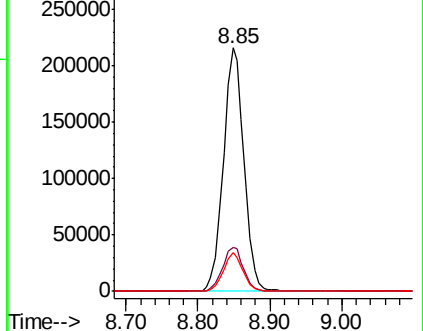
88 15.7 0.0 30.2



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: 58.621 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

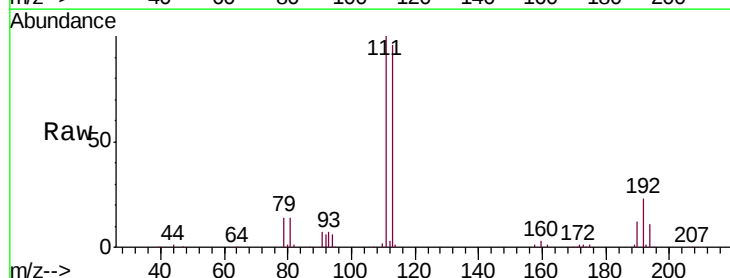
Tgt Ion:113 Resp: 144813

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

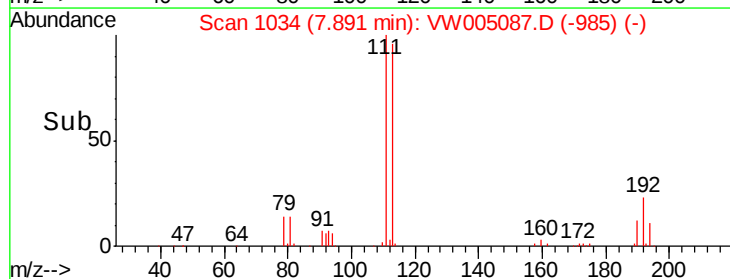
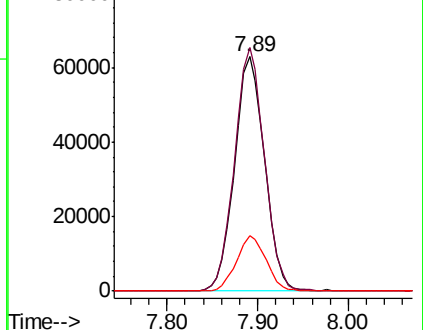
192 23.2 18.1 27.1

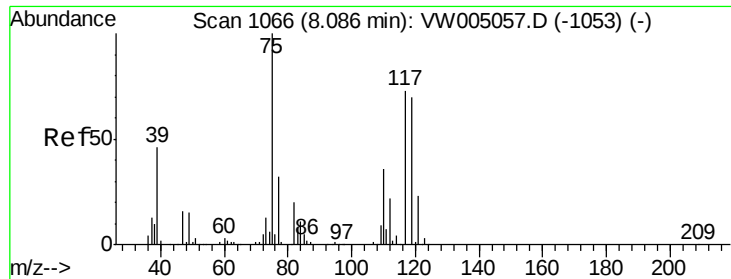


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

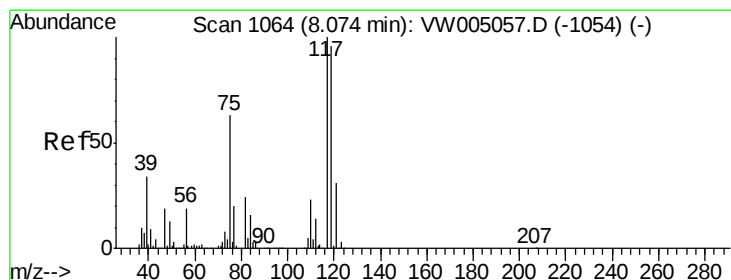
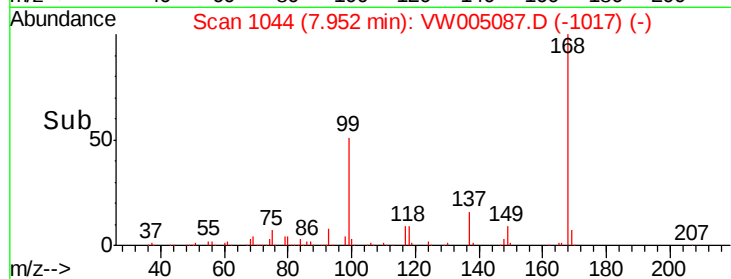
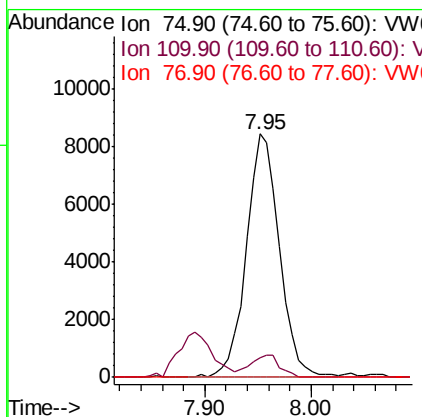
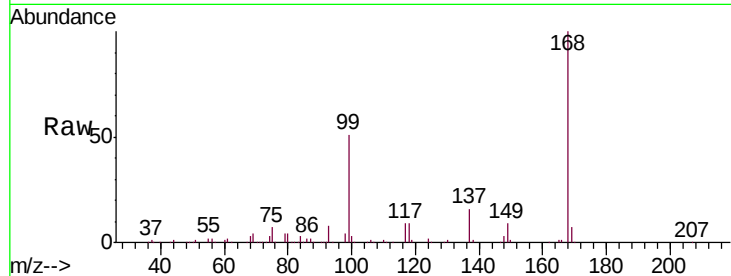




#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005087.D
 Acq: 04 Sep 2018 18:32

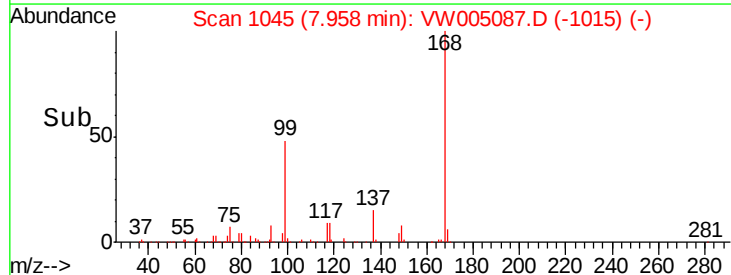
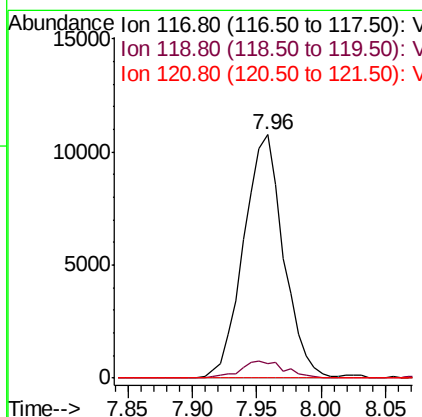
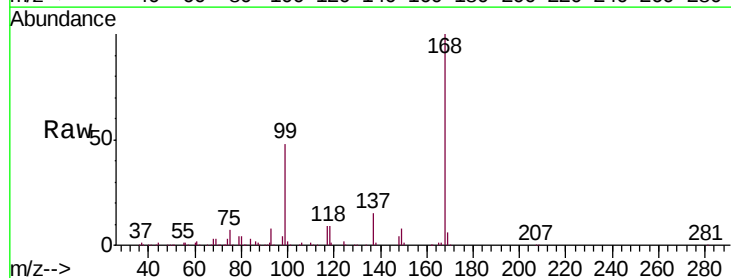
Instrument :
 MSVOA_W
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 ENY-SB-06-1.5-2

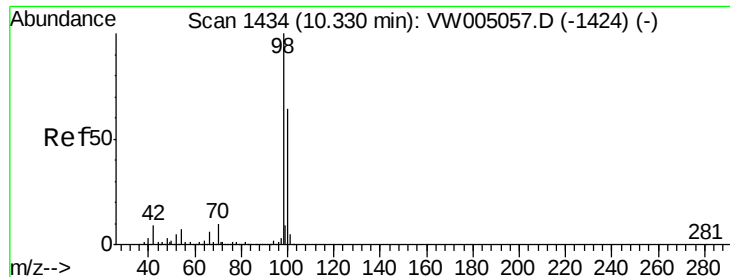
Tgt Ion: 75 Resp: 18380
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.9 56.7#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 5.953 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW005087.D
 Acq: 04 Sep 2018 18:32

Tgt Ion: 117 Resp: 23046
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.6 115.0#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 30.966 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

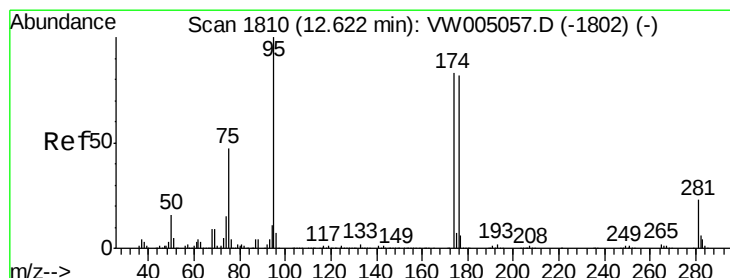
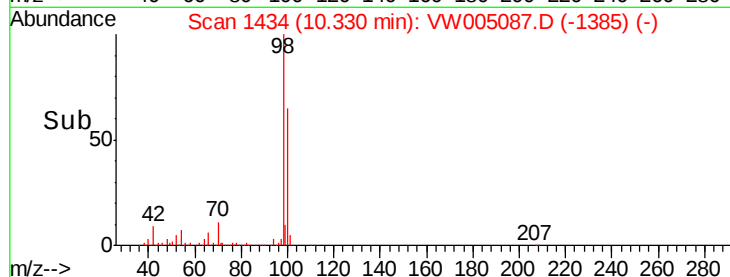
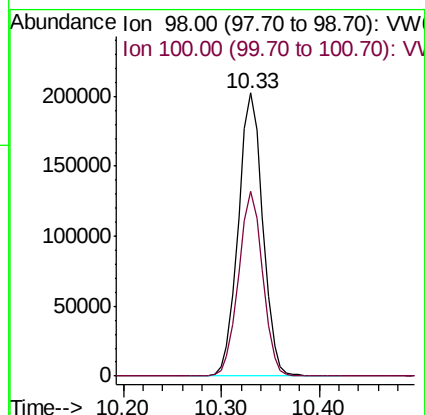
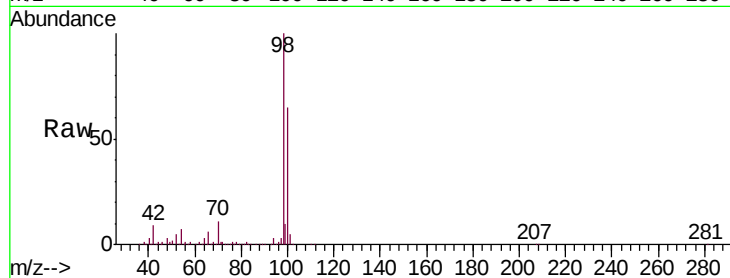
ENY-SB-06-1.5-2

Tgt Ion: 98 Resp: 352481

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 11.542 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

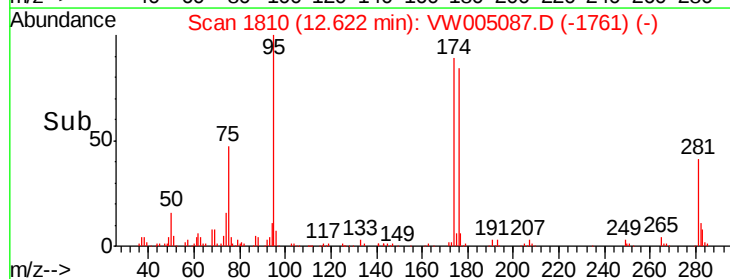
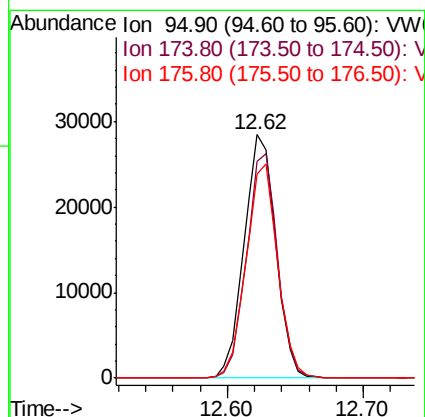
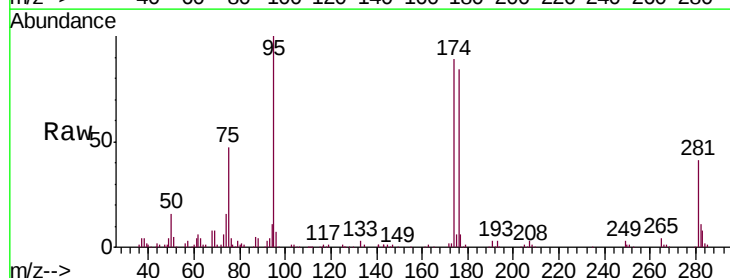
Tgt Ion: 95 Resp: 46327

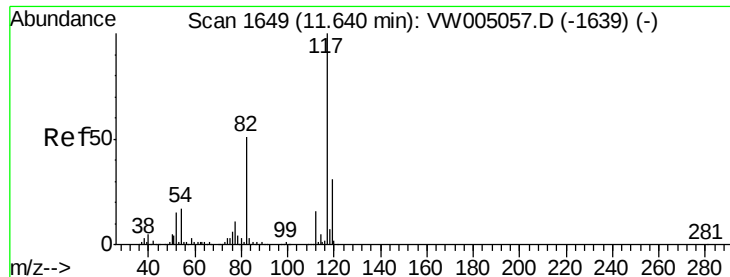
Ion Ratio Lower Upper

95 100

174 90.7 0.0 173.4

176 87.6 0.0 167.4

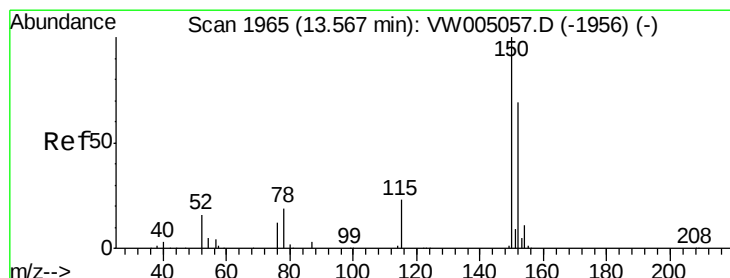
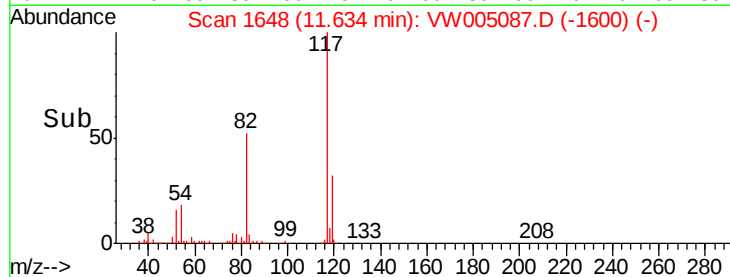
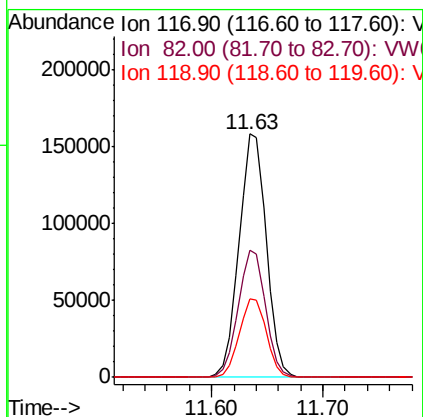
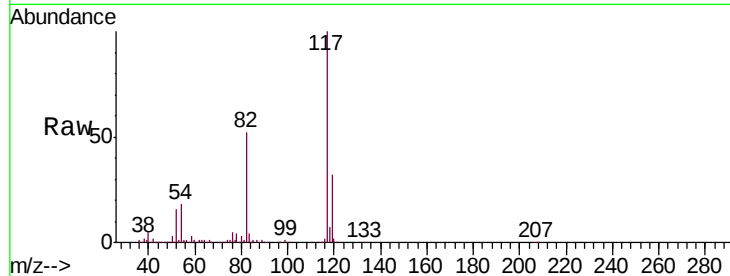




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

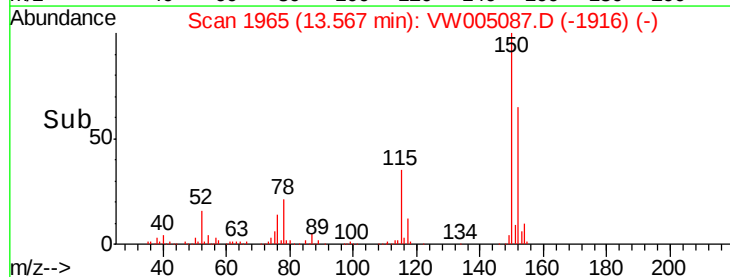
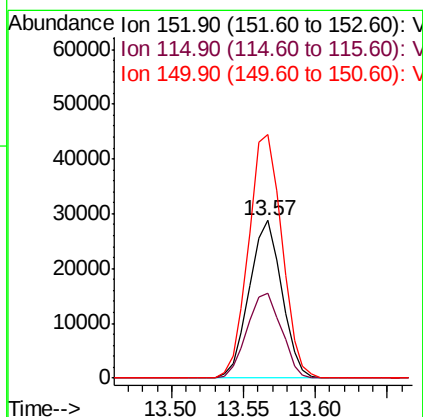
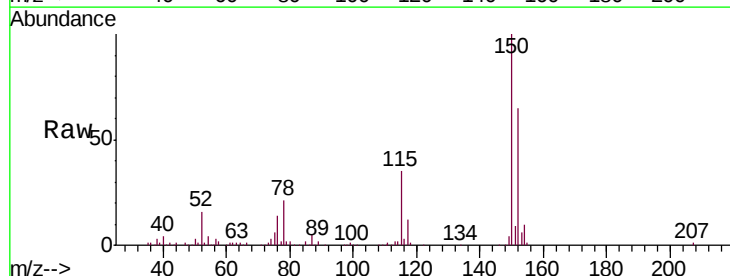
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-06-1.5-2

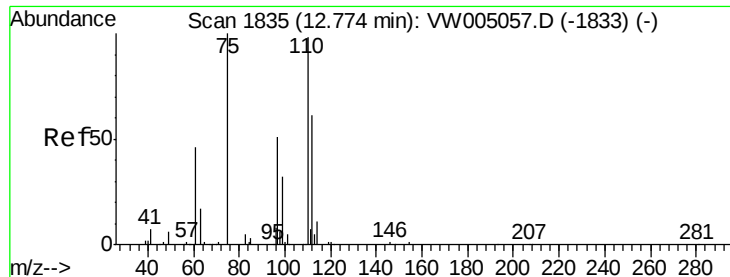
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.9	61.3
119	32.0	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005087.D
Acq: 04 Sep 2018 18:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.8	83.4
150	158.6	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 63.674 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

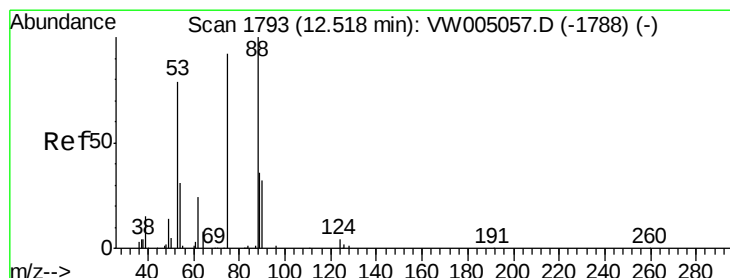
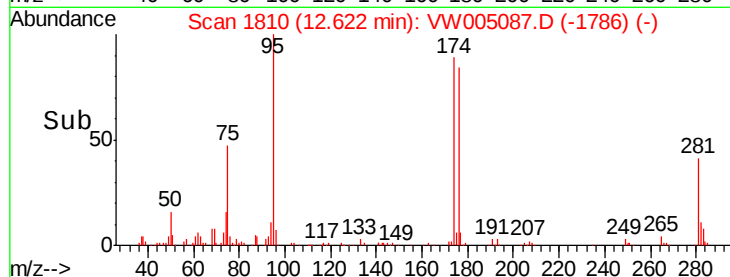
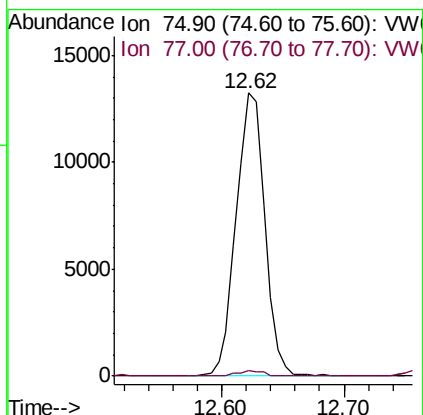
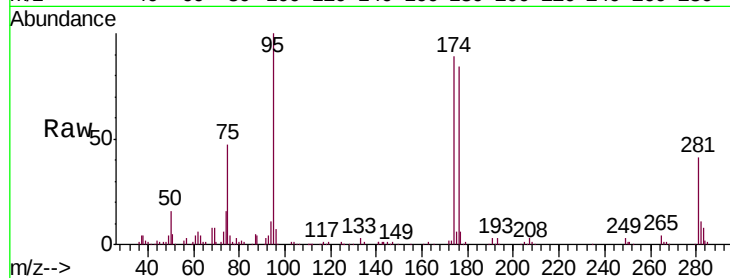
ENY-SB-06-1.5-2

Tgt Ion: 75 Resp: 21493

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 153.256 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005087.D

Acq: 04 Sep 2018 18:32

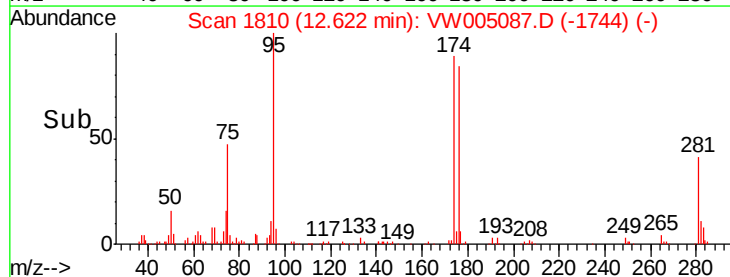
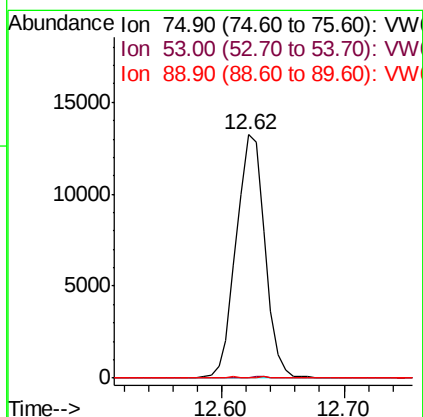
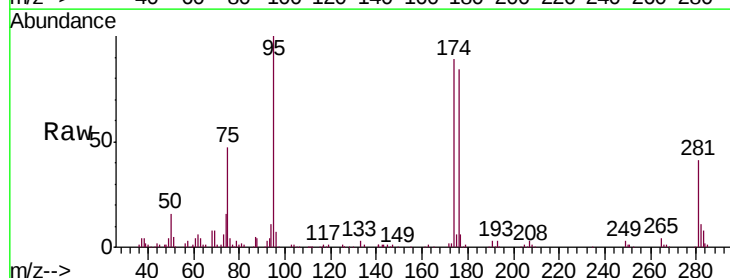
Tgt Ion: 75 Resp: 21493

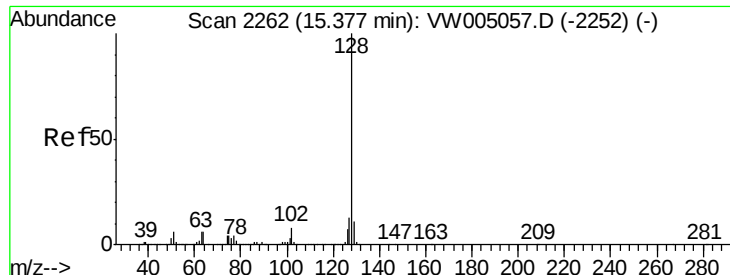
Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.2 36.0 54.0#





#95

Naphthalene

Concen: 4.628 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW005087.D

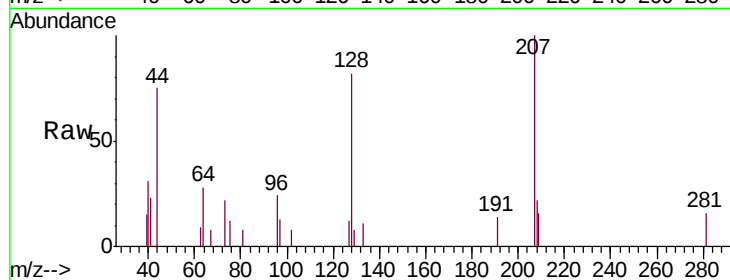
Acq: 04 Sep 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-06-1.5-2



Tgt Ion:128 Resp: 1143

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 7.3 8.7 13.1

