

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005255.D
 Acq On : 10 Sep 2018 21:45
 Operator : SY/AP
 Sample : J4821-04
 Misc : 16.69G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-102-61.0-61.5

Quant Time: Sep 11 03:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	2208	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	2246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	662	40.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.40%	
35) Dibromofluoromethane	7.90	113	991	84.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	168.46%	
50) Toluene-d8	10.33	98	1714	28.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	57.66%	
62) 4-Bromofluorobenzene	12.62	95	57	2.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	5.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	200	7.85	ug/l	92
6) Chloroethane	2.90	64	107	8.31	ug/l #	43
10) Methyl Iodide	4.29	142	362	17.72	ug/l #	52
12) 1,1-Dichloroethene	4.20	96	26	1.49	ug/l #	1
14) Allyl chloride	4.72	41	59	2.21	ug/l #	26
16) Acetone	4.11	43	21	6.87	ug/l #	41
17) Carbon Disulfide	4.40	76	129	2.11	ug/l #	74
18) Methyl Acetate	4.69	43	45	4.93	ug/l #	48
19) Methyl tert-butyl Ether	5.48	73	64	1.54	ug/l #	54
20) Methylene Chloride	4.93	84	120	2.13	ug/l #	65
21) trans-1,2-Dichloroethene	5.47	96	25	1.23	ug/l #	1
27) cis-1,2-Dichloroethene	7.19	96	22	1.01	ug/l #	1
30) Chloroform	7.67	83	72	2.17	ug/l #	18
38) Carbon Tetrachloride	7.96	117	83	4.31	ug/l #	12
40) Benzene	8.33	78	133	2.19	ug/l #	52
41) Methacrylonitrile	7.56	41	52	12.95	ug/l #	21
42) 1,2-Dichloroethane	8.41	62	47	3.24	ug/l #	71
43) Isopropyl Acetate	8.37	43	28	1.93	ug/l #	50
48) Methyl methacrylate	9.35	41	42	5.57	ug/l #	12
51) 4-Methyl-2-Pentanone	10.21	43	21	2.57	ug/l #	33
52) Toluene	10.40	92	93	2.11	ug/l #	54
53) t-1,3-Dichloropropene	10.72	75	108	5.73	ug/l #	42
55) 1,1,2-Trichloroethane	10.76	97	349	30.69	ug/l #	16
59) 2-Hexanone	10.76	43	44	7.46	ug/l #	22
60) Dibromochloromethane	10.87	129	30	2.38	ug/l #	10
67) Ethyl Benzene	11.73	91	173	5.29	ug/l #	43
68) m/p-Xylenes	11.85	106	25	1.90	ug/l #	21
73) Isopropylbenzene	12.48	105	82	27.63	ug/l #	48
74) N-amyl acetate	12.30	43	44	77.93	ug/l #	39
76) 1,2,3-Trichloropropane	12.77	75	45	139.30	ug/l #	100
77) Bromobenzene	12.88	156	96	137.32	ug/l #	1
78) n-propylbenzene	12.82	91	93	26.09	ug/l #	51
79) 2-Chlorotoluene	12.91	91	90	44.04	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.96	105	50	19.79	ug/l #	37

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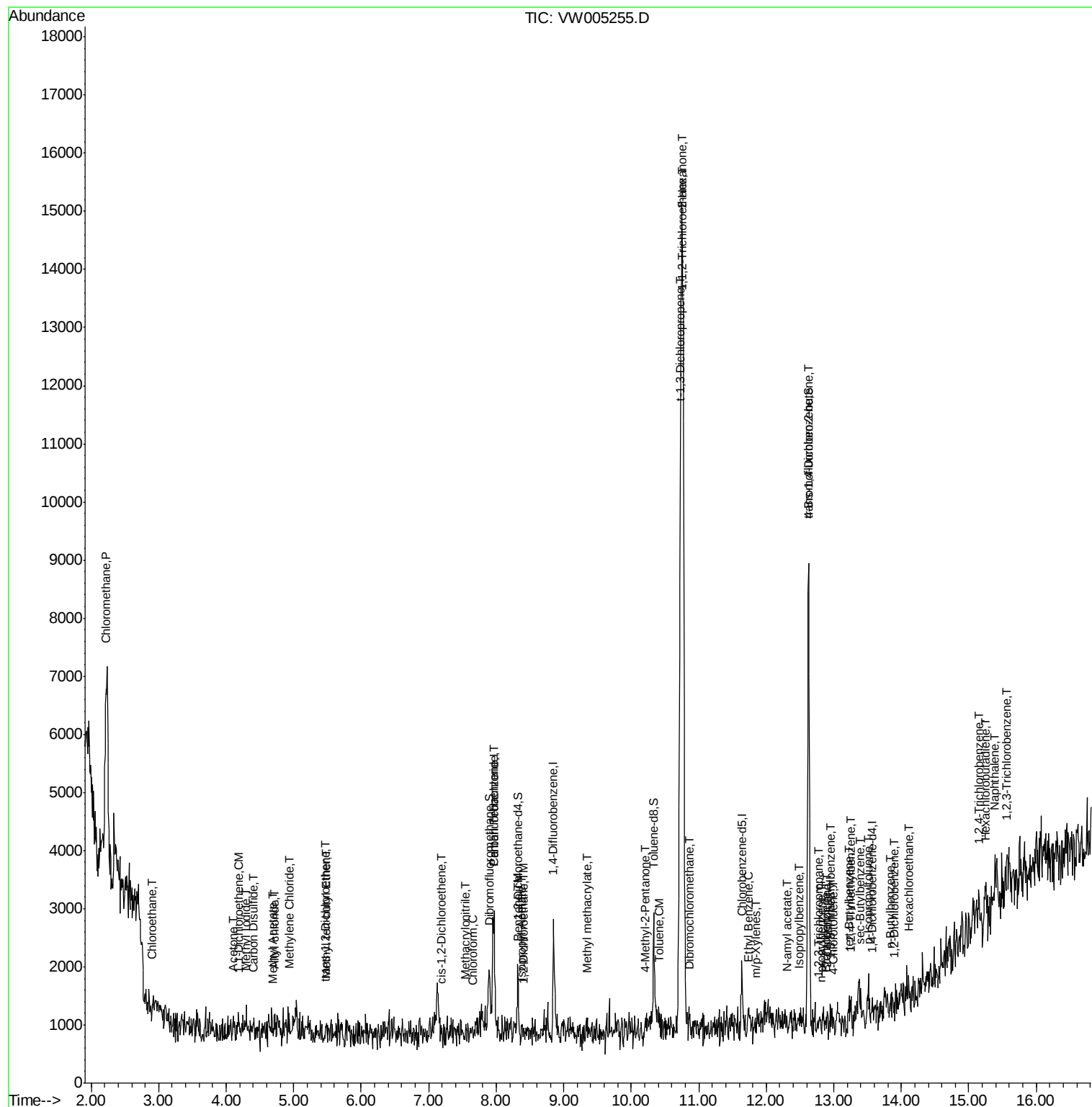
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.63	75	93	675.16	ug/l #	27
82) 4-Chlorotoluene	13.00	91	68	31.65	ug/l #	40
83) tert-Butylbenzene	13.23	119	79	35.75	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.26	105	154	60.65	ug/l #	55
85) sec-Butylbenzene	13.40	105	187	58.88	ug/l #	57
86) p-Isopropyltoluene	13.51	119	86	30.59	ug/l #	51
89) n-Butylbenzene	13.85	91	25	9.46	ug/l #	34
90) Hexachloroethane	14.12	117	63	139.85	ug/l #	46
91) 1,2-Dichlorobenzene	13.89	146	21	16.28	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.15	180	24	26.30	ug/l #	12
94) Hexachlorobutadiene	15.24	225	42	71.86	ug/l #	19
95) Naphthalene	15.38	128	181	122.31	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.55	180	95	120.96	ug/l #	13

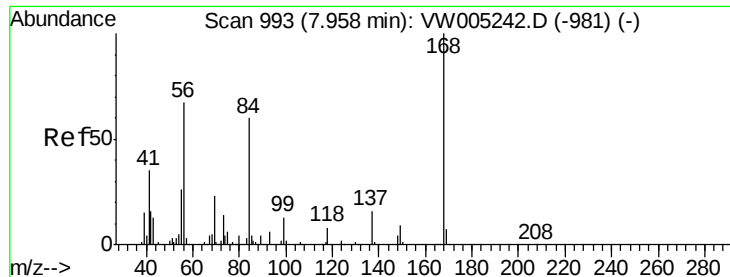
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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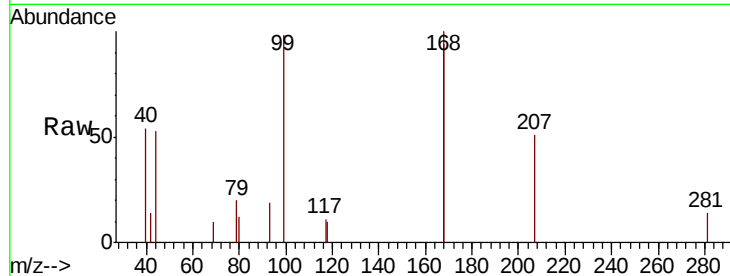


#1

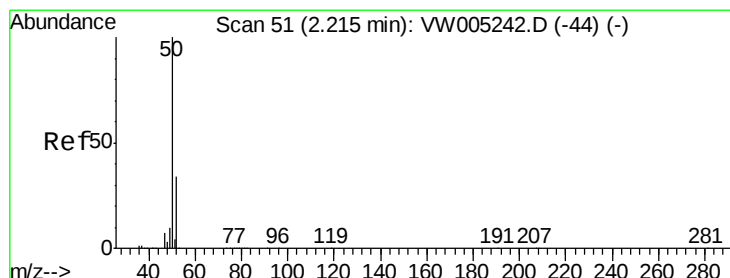
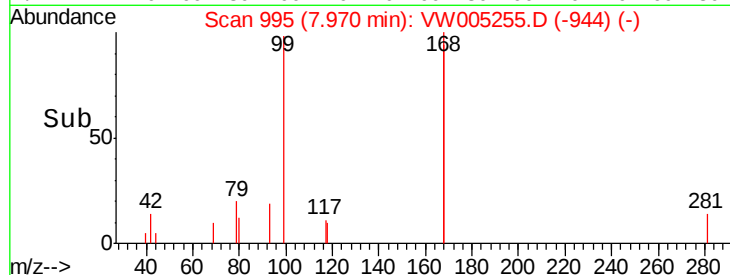
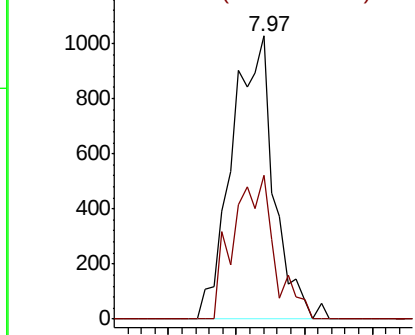
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.97 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Instrument :
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 ClientSampleId :
 ENY-SB-102-61.0-61.5

Tot Ion:168 Resp: 2208
 Ion Ratio Lower Upper
 168 100
 99 50.7 39.1 58.7



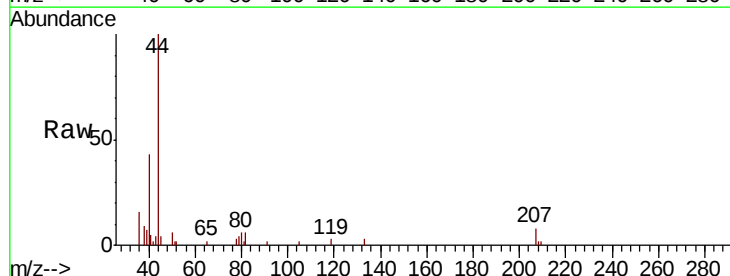
Abundance Ion 167.90 (167.60 to 168.60): VW
 Ion 98.90 (98.60 to 99.60): VW



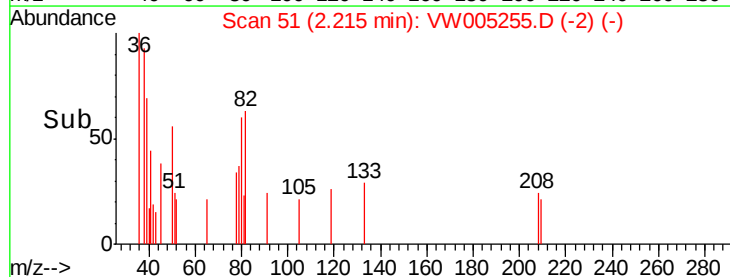
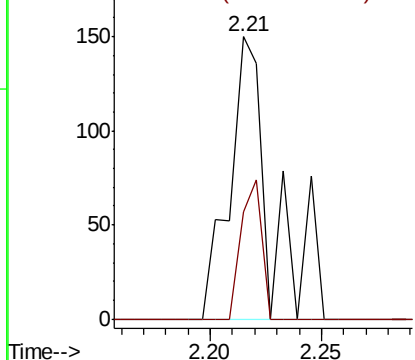
#3

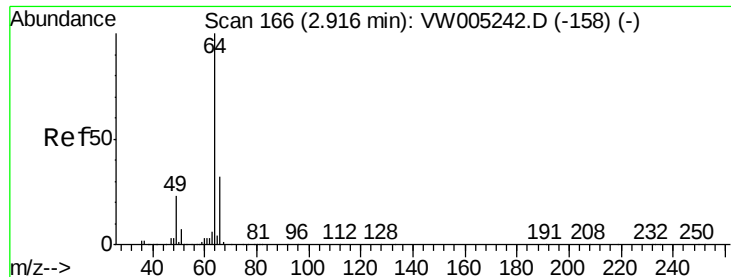
Chloromethane
 Concen: 7.85 ug/l
 RT: 2.21 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Tgt Ion: 50 Resp: 200
 Ion Ratio Lower Upper
 50 100
 52 38.0 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VW
 Ion 51.90 (51.60 to 52.60): VW





#6

Chloroethane

Concen: 8.31 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

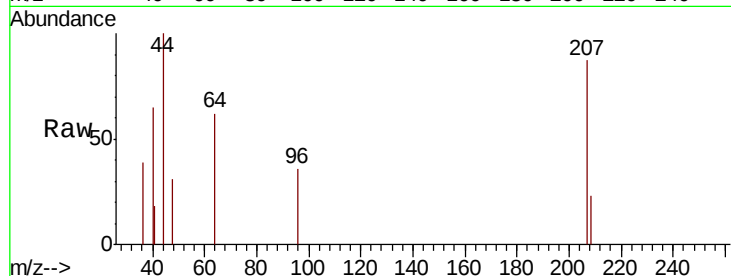
ENY-SB-102-61.0-61.5

Tot Ion: 64 Resp: 107

Ion Ratio Lower Upper

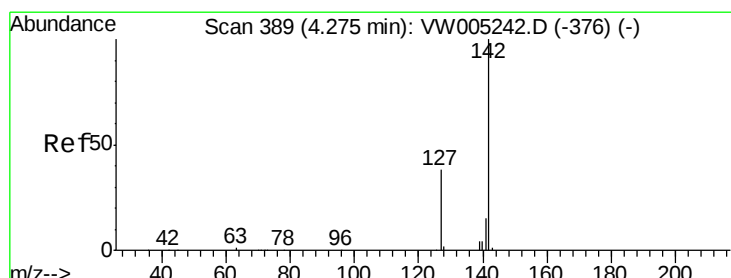
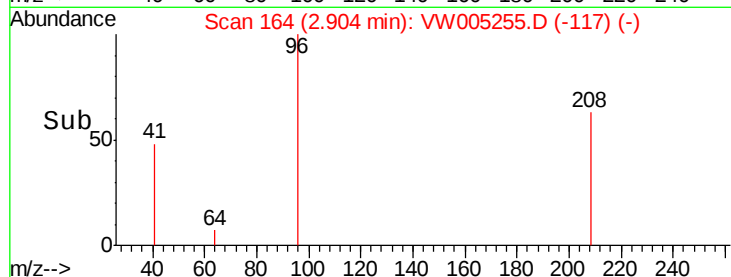
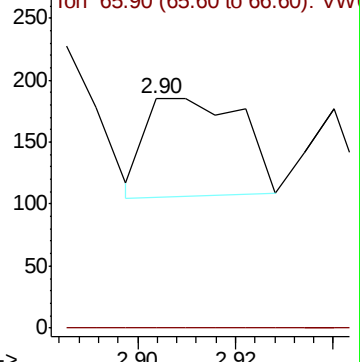
64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#10

Methyl Iodide

Concen: 17.72 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

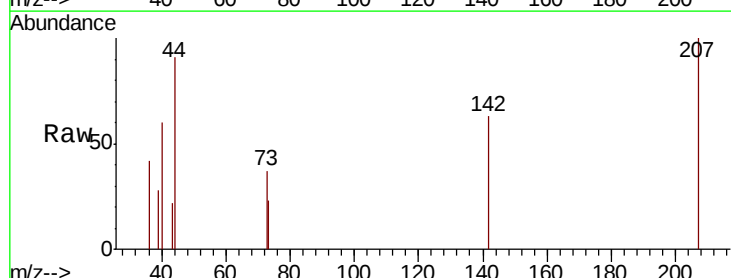
Tgt Ion: 142 Resp: 362

Ion Ratio Lower Upper

142 100

127 6.1 30.3 45.5#

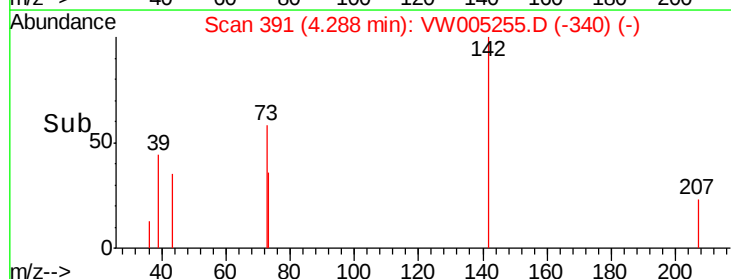
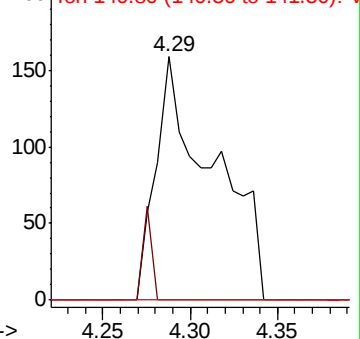
141 0.0 11.4 17.0#

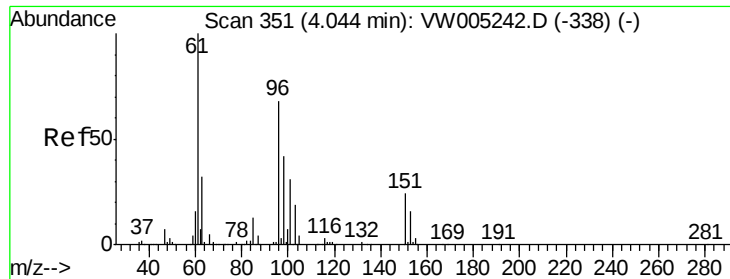


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#12

1,1-Dichloroethene

Concen: 1.49 ug/l

RT: 4.20 min Scan# 376

Delta R.T. 0.15 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

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ClientSampleId :

ENY-SB-102-61.0-61.5

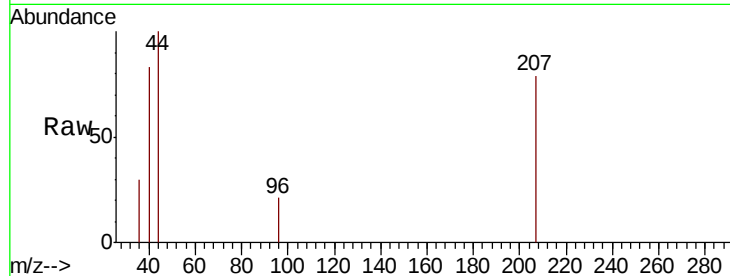
Tot Ion: 96 Resp: 26

Ion Ratio Lower Upper

96 100

61 0.0 118.2 177.2#

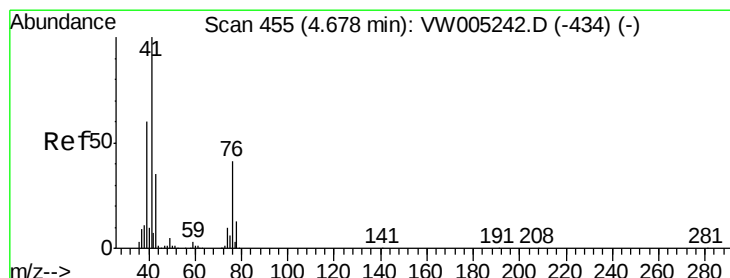
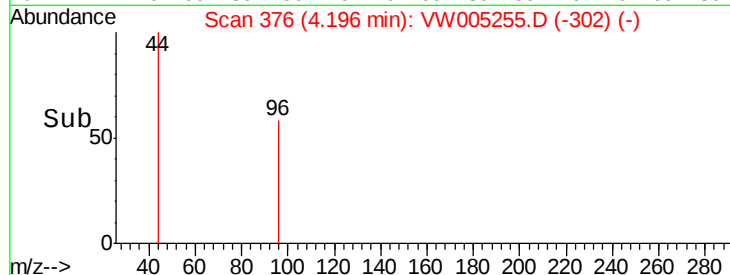
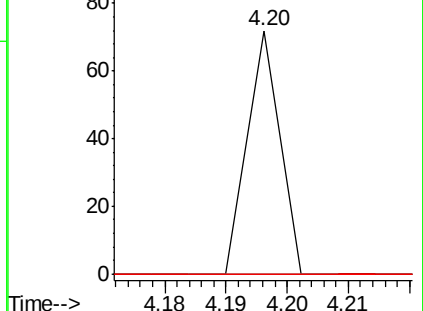
98 0.0 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#14

Allyl chloride

Concen: 2.21 ug/l

RT: 4.72 min Scan# 462

Delta R.T. 0.04 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

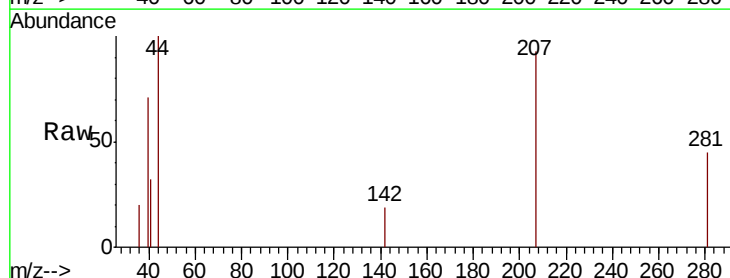
Tgt Ion: 41 Resp: 59

Ion Ratio Lower Upper

41 100

39 0.0 48.2 72.4#

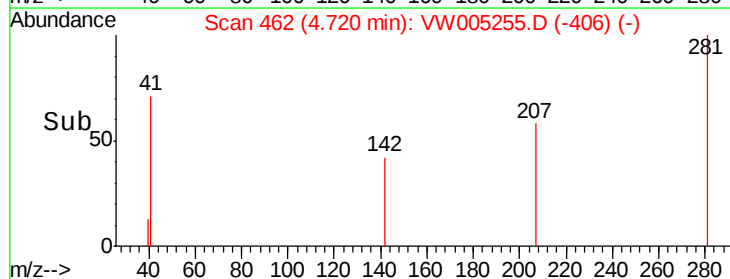
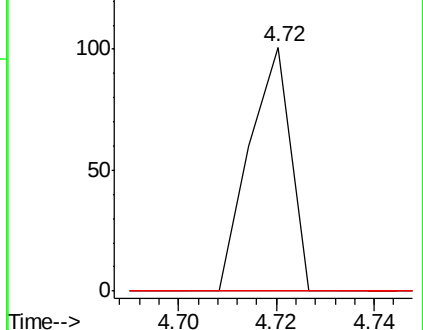
76 0.0 31.7 47.5#

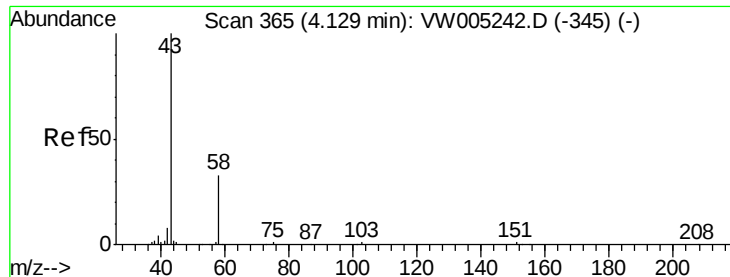


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#16

Acetone

Concen: 6.87 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

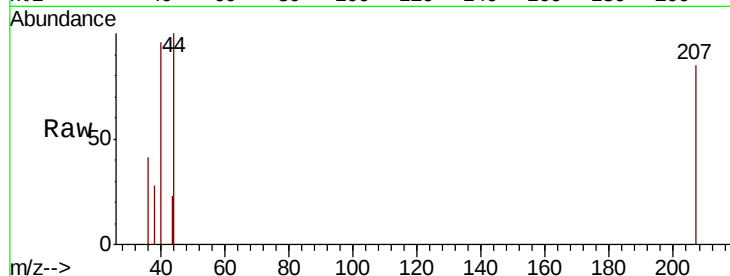
ENY-SB-102-61.0-61.5

Tot Ion: 43 Resp: 21

Ion Ratio Lower Upper

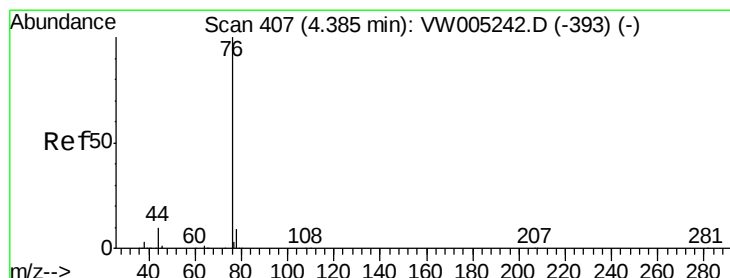
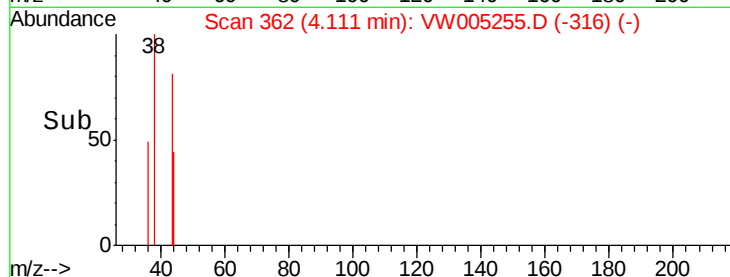
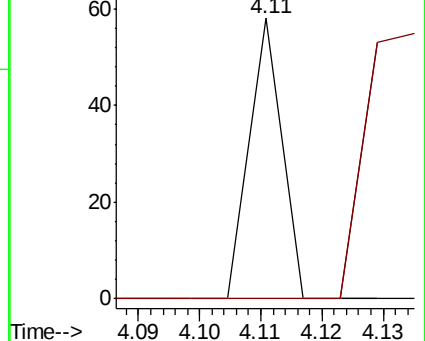
43 100

58 0.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 2.11 ug/l

RT: 4.40 min Scan# 410

Delta R.T. 0.02 min

Lab File: VW005255.D

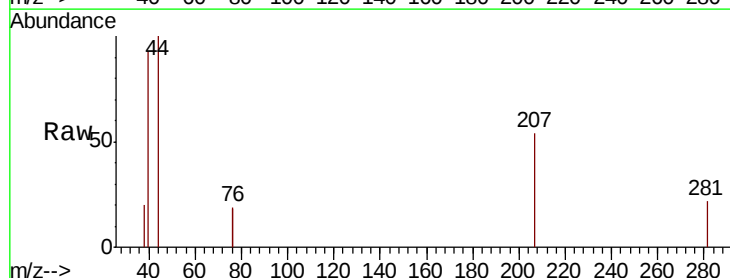
Acq: 10 Sep 2018 21:45

Tgt Ion: 76 Resp: 129

Ion Ratio Lower Upper

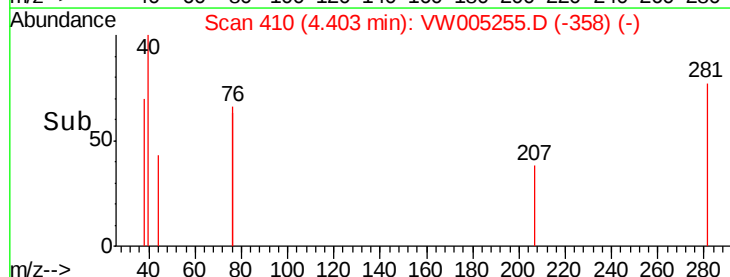
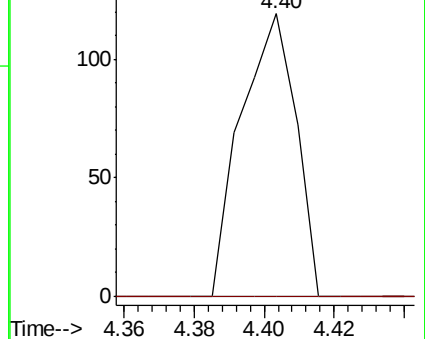
76 100

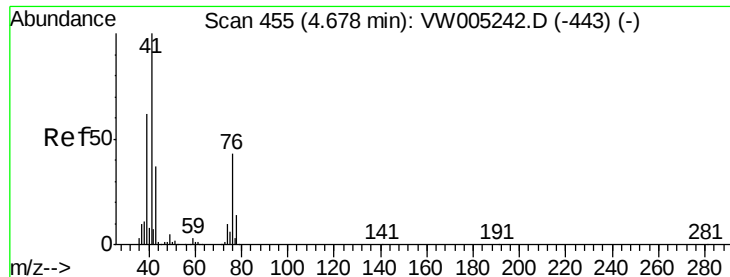
78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

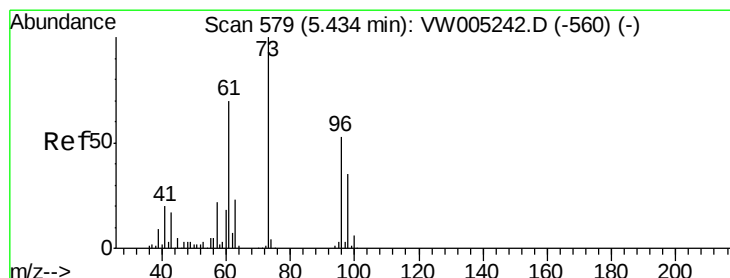
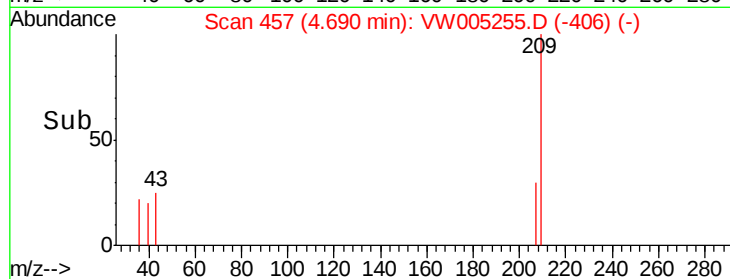
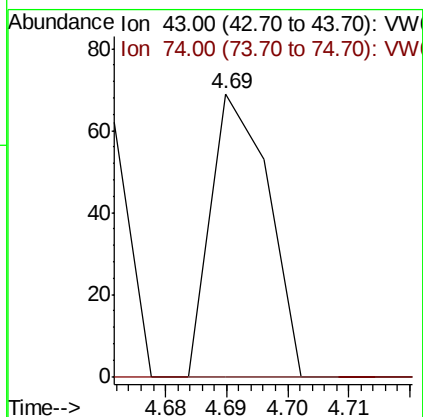
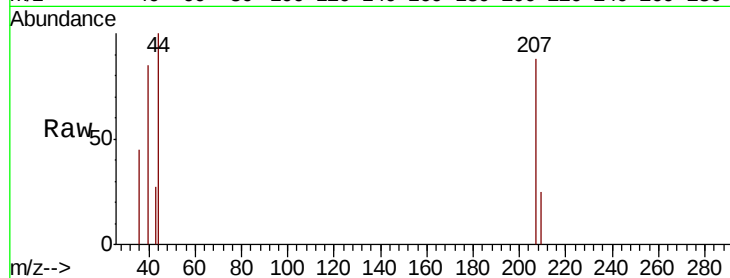




#18
Methyl Acetate
Concen: 4.93 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

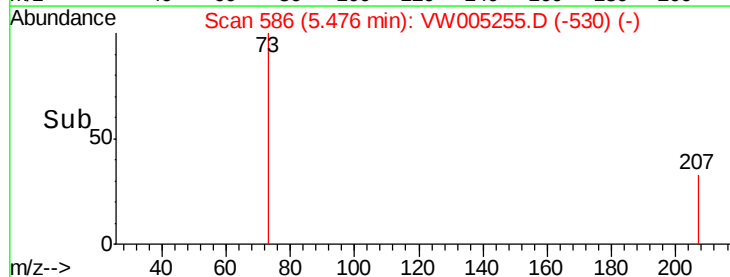
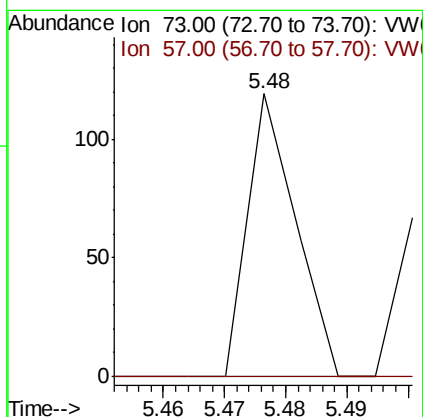
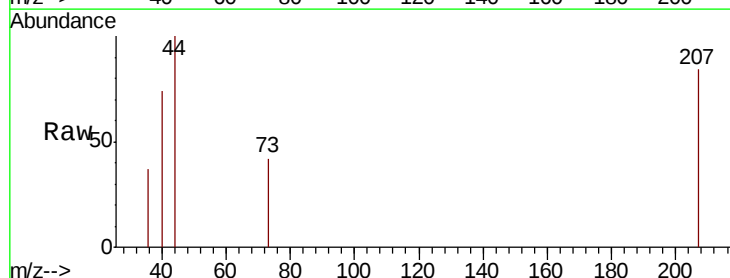
Instrument :
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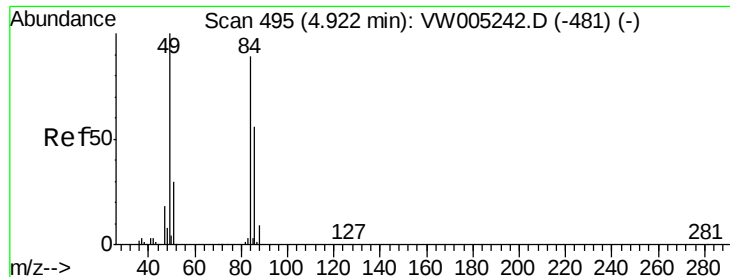
Tot Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#19
Methyl tert-butyl Ether
Concen: 1.54 ug/l
RT: 5.48 min Scan# 586
Delta R.T. 0.04 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Tgt Ion: 73 Resp: 64
Ion Ratio Lower Upper
73 100
57 0.0 17.4 26.2#

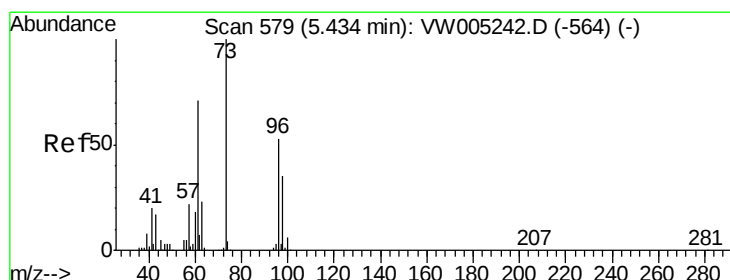
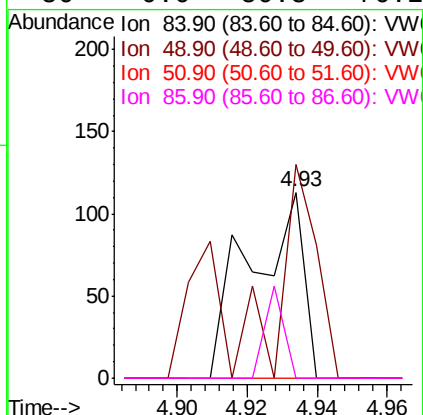
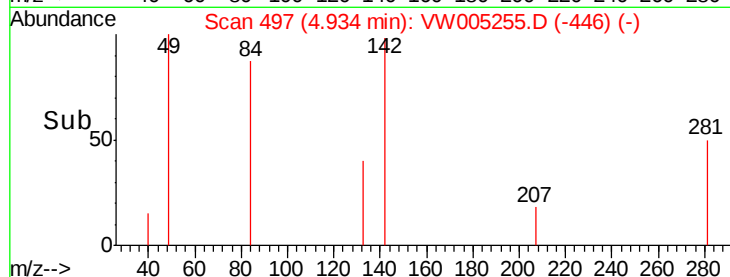
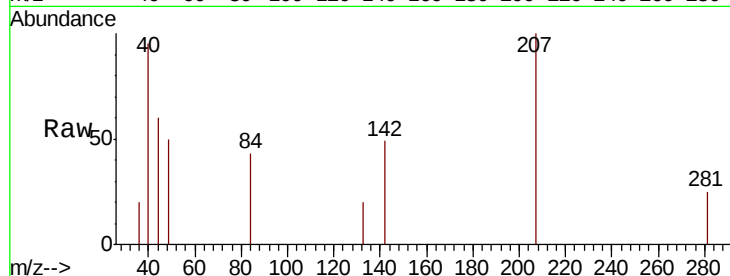




#20
Methvlene Chloride
Concen: 2.13 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

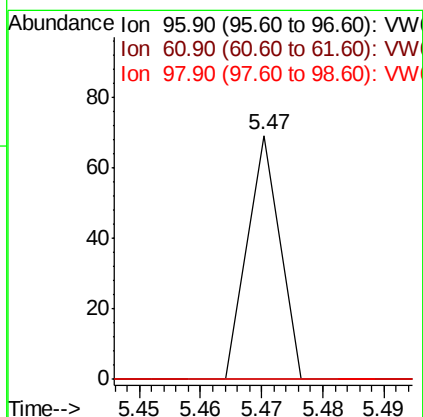
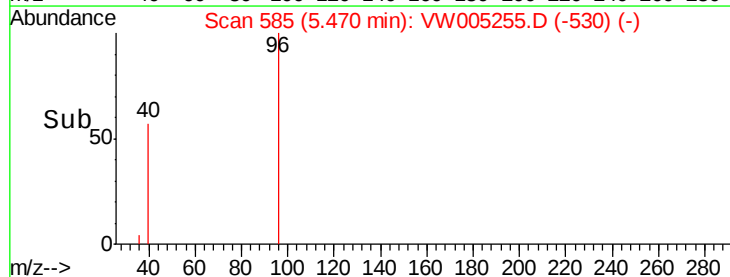
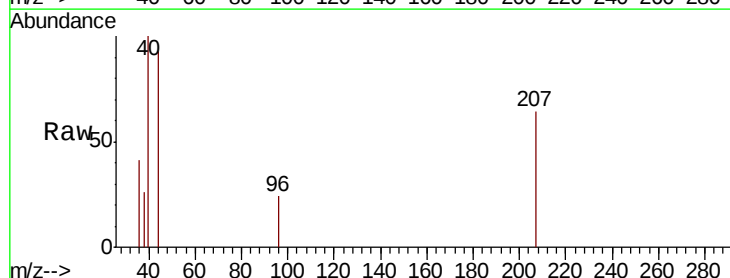
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-102-61.0-61.5

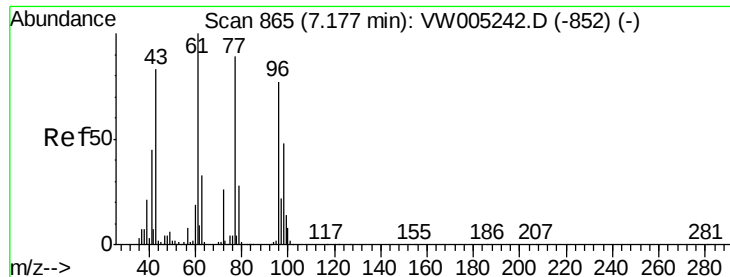
Tot Ion: 84 Resp: 120
Ion Ratio Lower Upper
84 100
49 115.0 90.3 135.5
51 0.0 26.9 40.3#
86 0.0 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: 1.23 ug/l
RT: 5.47 min Scan# 585
Delta R.T. 0.04 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Tgt Ion: 96 Resp: 25
Ion Ratio Lower Upper
96 100
61 0.0 105.7 158.5#
98 0.0 52.8 79.2#



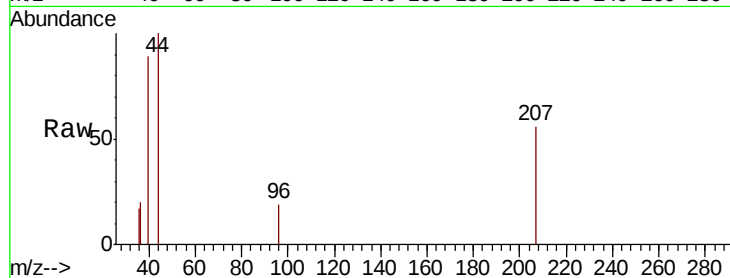


#27

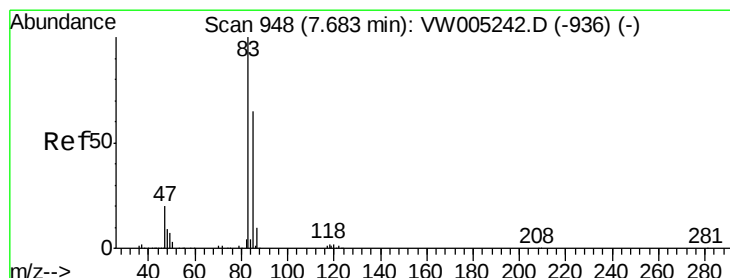
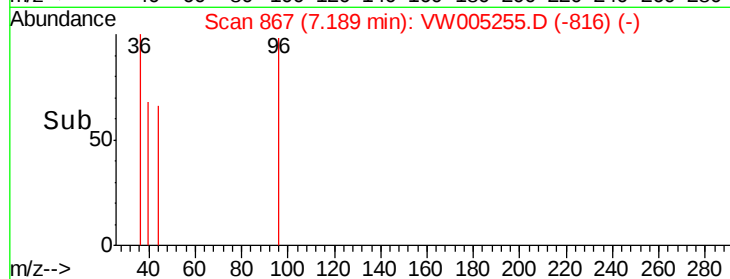
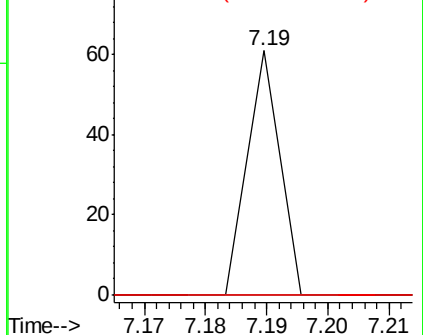
cis-1,2-Dichloroethene
 Concen: 1.01 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-102-61.0-61.5

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	273.4
98	0.0	0.0	127.8



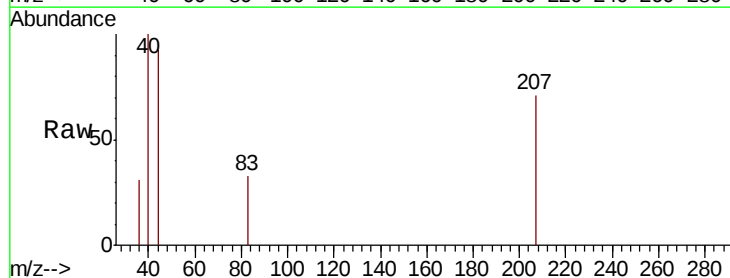
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



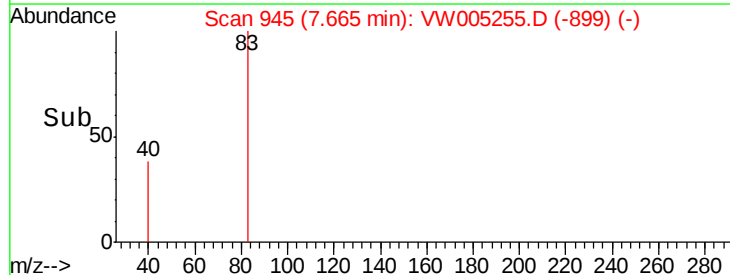
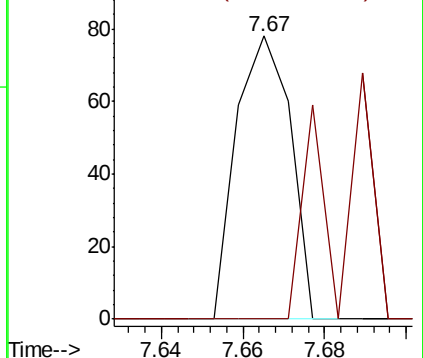
#30

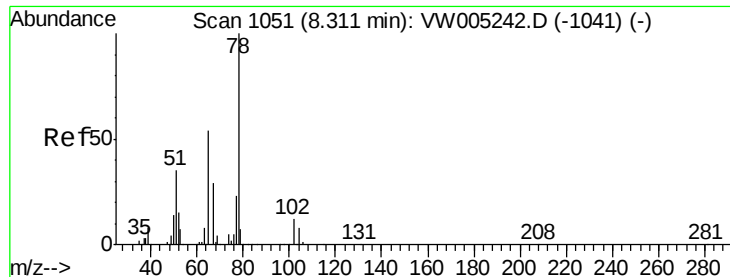
Chloroform
 Concen: 2.17 ug/l
 RT: 7.67 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.7	77.5#



Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW





#33

1,2-Dichloroethane-d4

Concen: 40.20 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

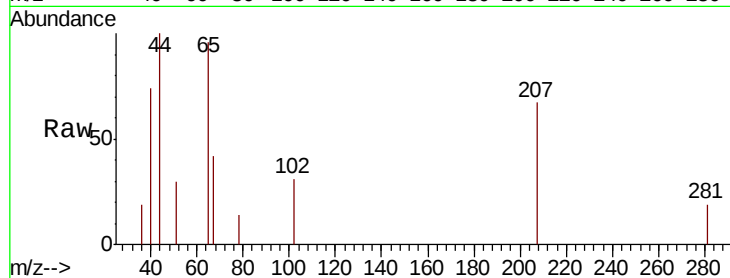
ENY-SB-102-61.0-61.5

Tot Ion: 65 Resp: 662

Ion Ratio Lower Upper

65 100

67 47.7 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.32

400

300

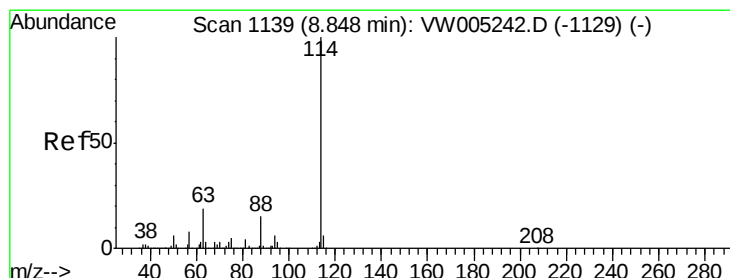
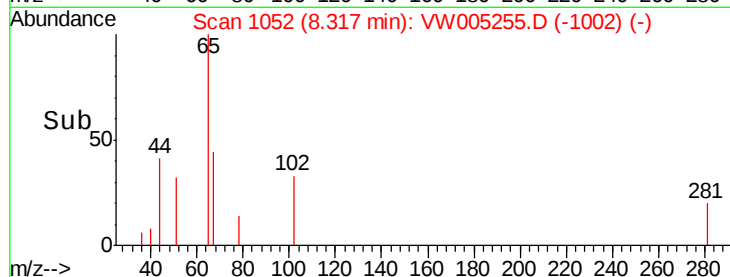
200

100

0

8.25 8.30 8.35

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

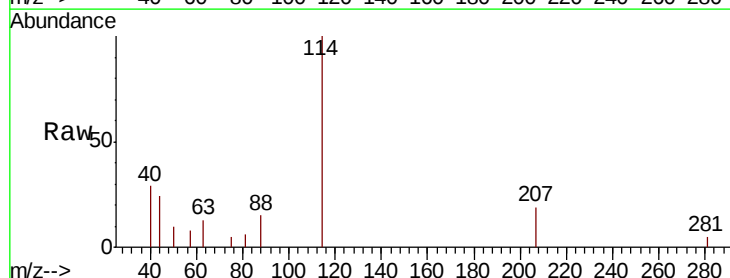
Tgt Ion: 114 Resp: 2246

Ion Ratio Lower Upper

114 100

63 12.5 0.0 37.0

88 15.0 0.0 30.4



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

1500

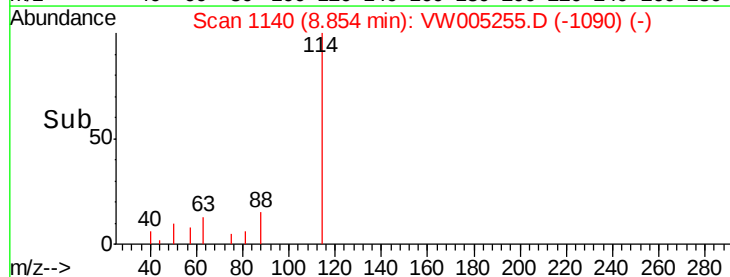
1000

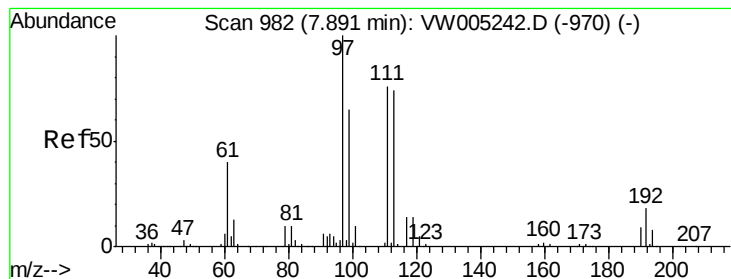
500

0

8.80 8.85 8.90

Time-->





#35

Dibromofluoromethane

Concen: 84.23 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

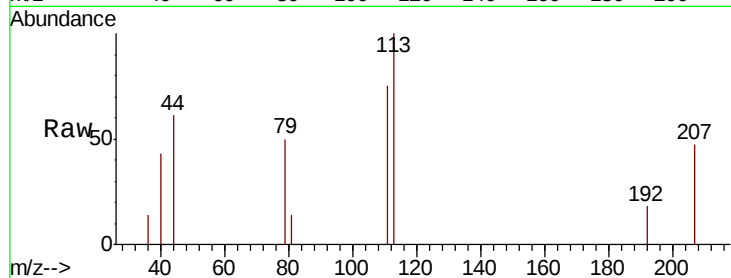
Tot Ion:113 Resp: 991

Ion Ratio Lower Upper

113 100

111 75.8 80.6 121.0#

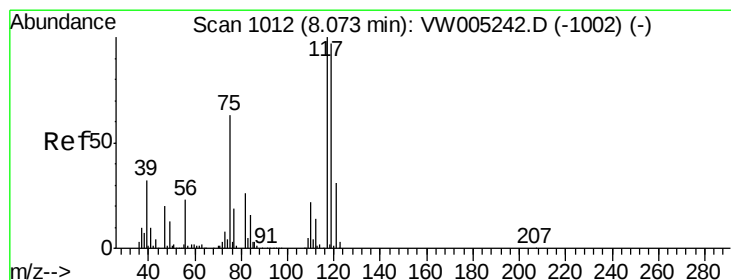
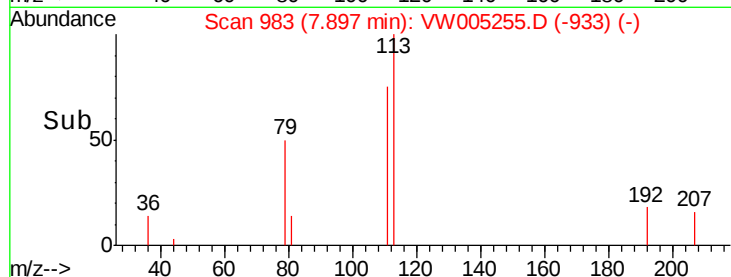
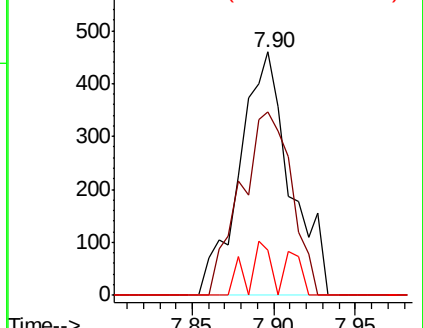
192 9.6 18.3 27.5#



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



#38

Carbon Tetrachloride

Concen: 4.31 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.11 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

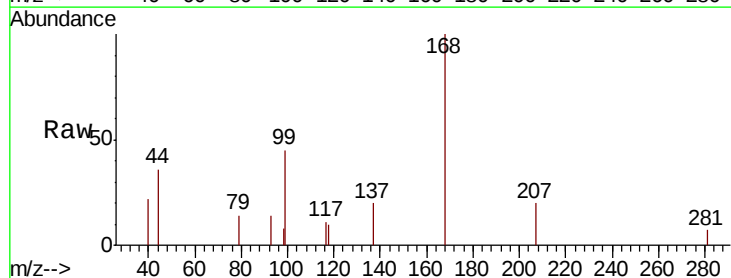
Tgt Ion:117 Resp: 83

Ion Ratio Lower Upper

117 100

119 0.0 77.5 116.3#

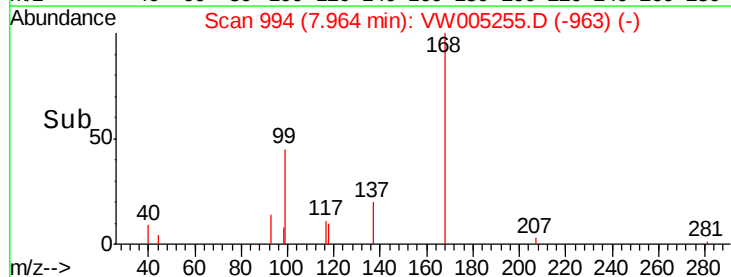
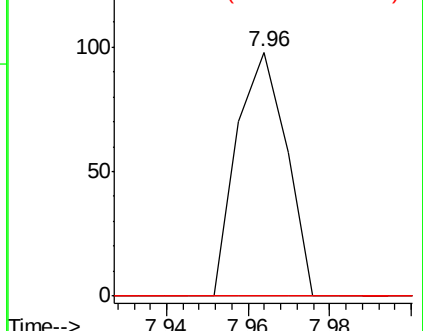
121 0.0 24.7 37.1#

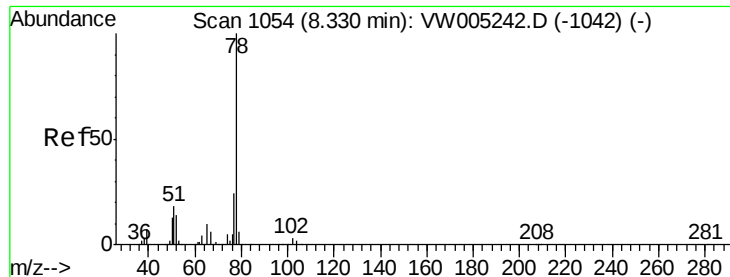


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 2.19 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

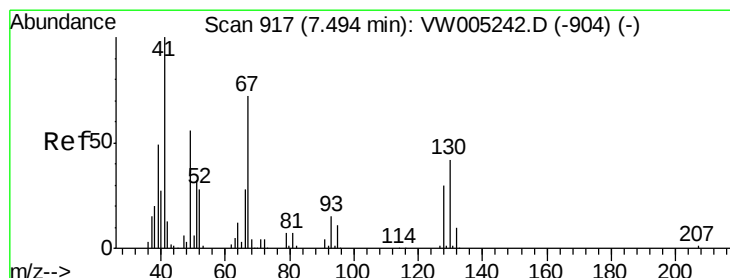
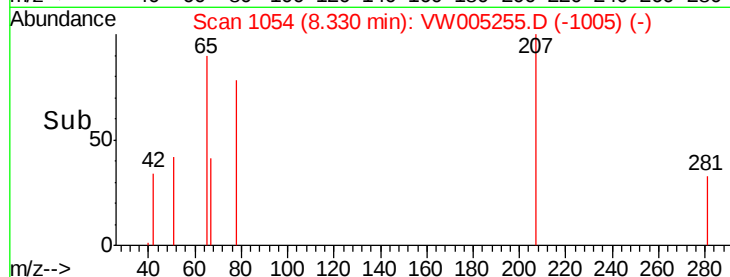
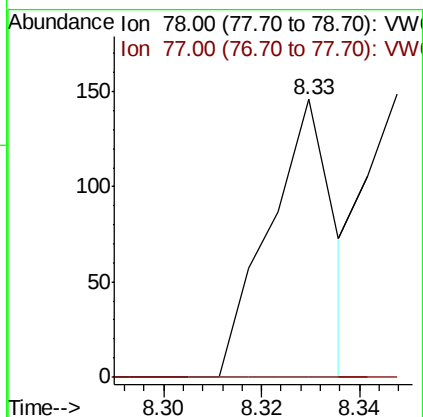
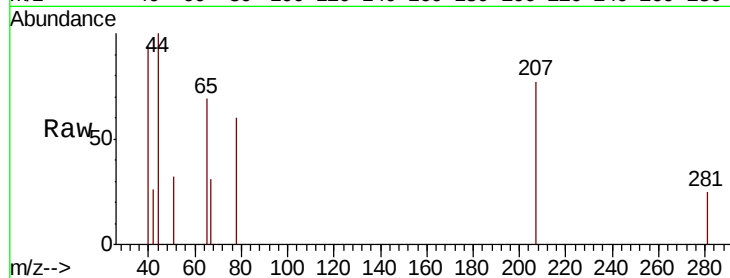
ENY-SB-102-61.0-61.5

Tot Ion: 78 Resp: 133

Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#



#41

Methacrylonitrile

Concen: 12.95 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.06 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Tgt Ion: 41 Resp: 52

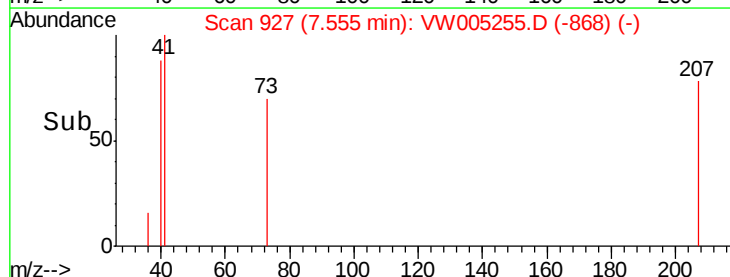
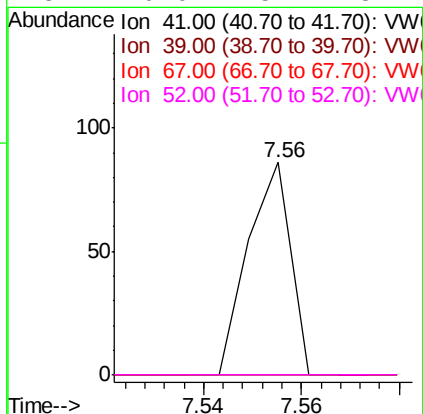
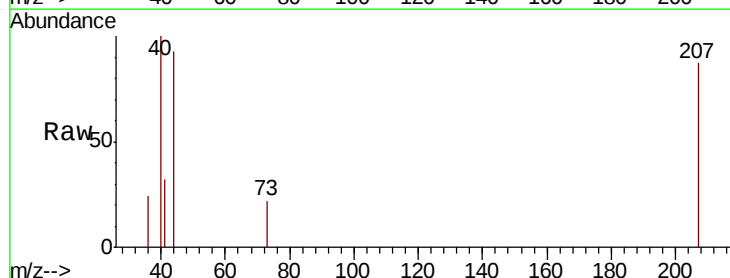
Ion Ratio Lower Upper

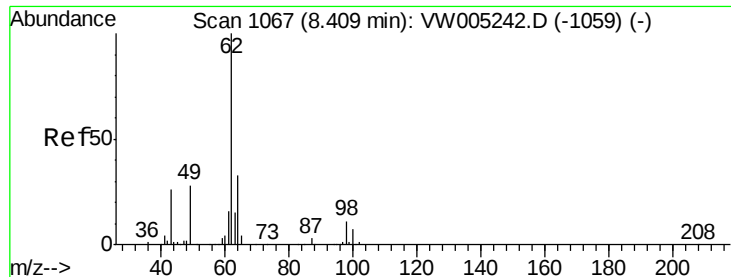
41 100

39 0.0 39.9 59.9#

67 0.0 65.7 98.5#

52 0.0 25.1 37.7#





#42

1,2-Dichloroethane

Concen: 3.24 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

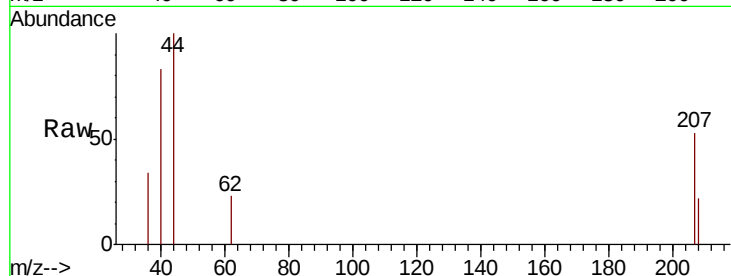
ENY-SB-102-61.0-61.5

Tot Ion: 62 Resp: 47

Ion Ratio Lower Upper

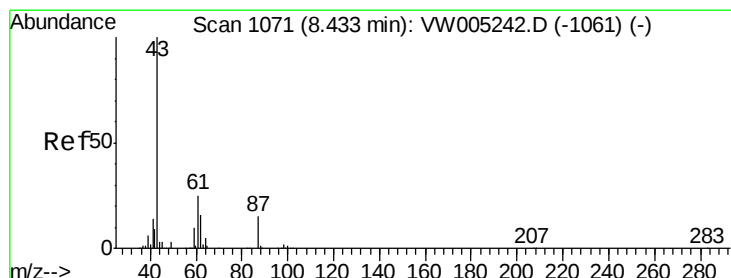
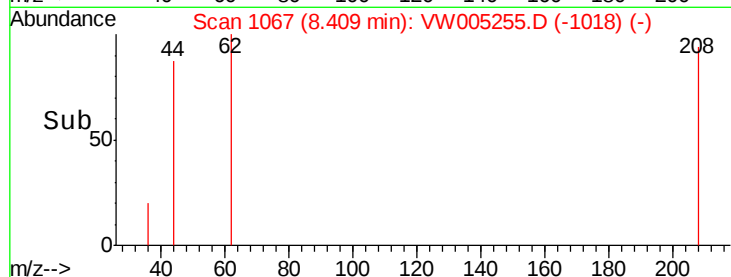
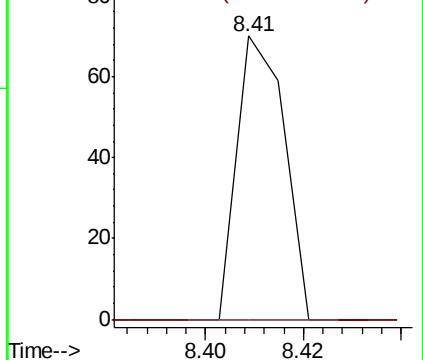
62 100

98 0.0 0.0 22.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#43

Isopropyl Acetate

Concen: 1.93 ug/l

RT: 8.37 min Scan# 1061

Delta R.T. -0.06 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

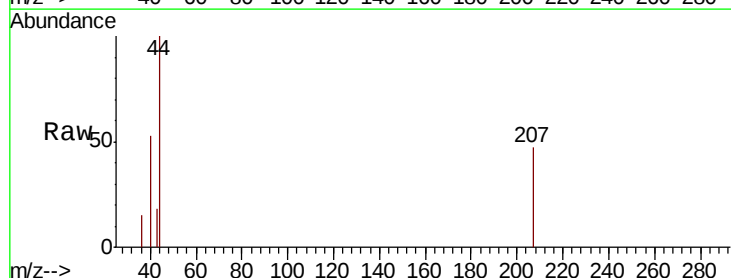
Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

61 0.0 25.4 38.0#

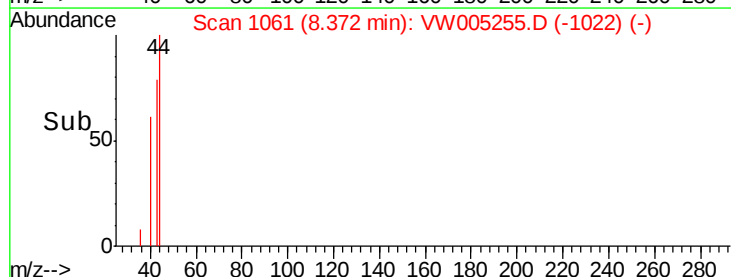
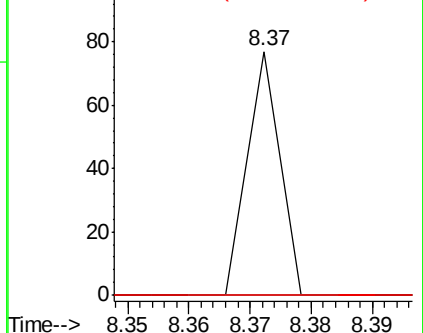
87 0.0 11.9 17.9#

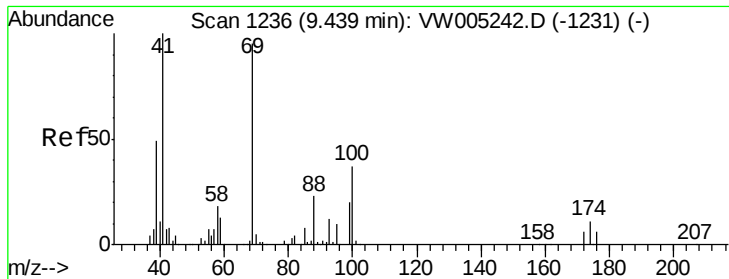


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

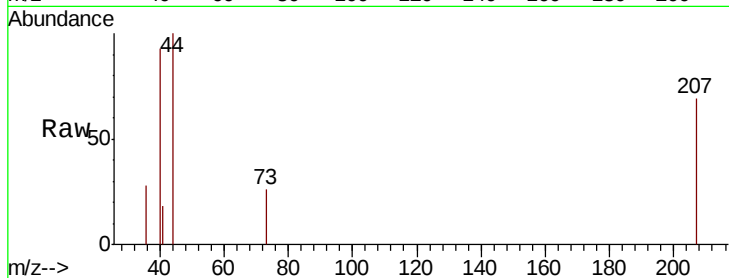




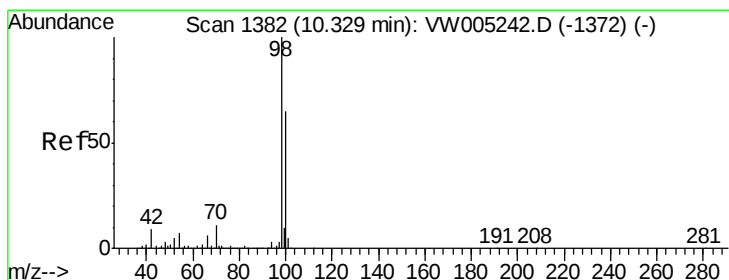
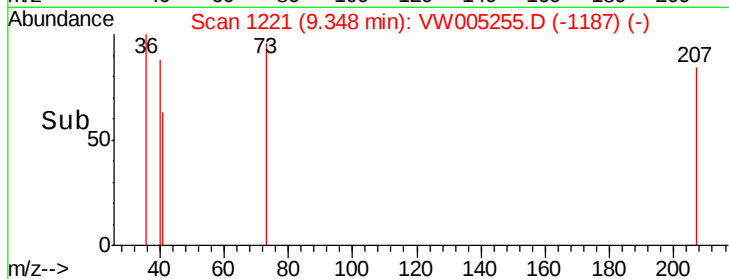
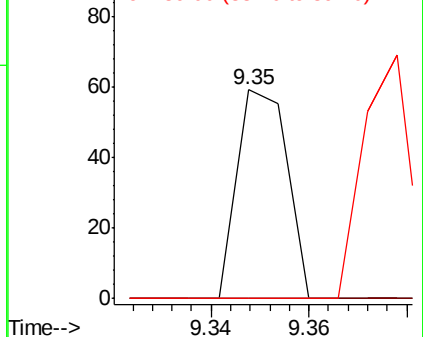
#48
Methyl methacrylate
Concen: 5.57 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. -0.09 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-102-61.0-61.5

Tot Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
69 0.0 74.6 112.0#
39 0.0 36.7 55.1#

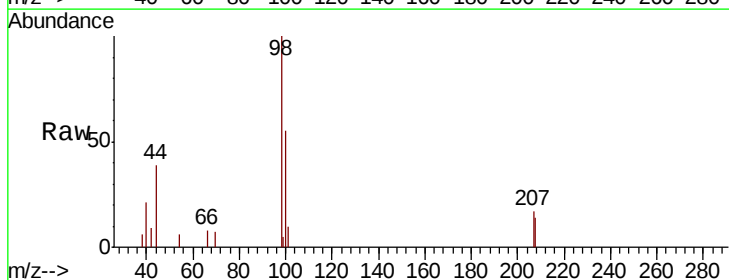


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

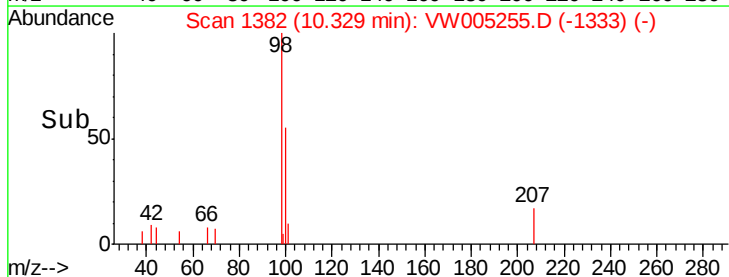
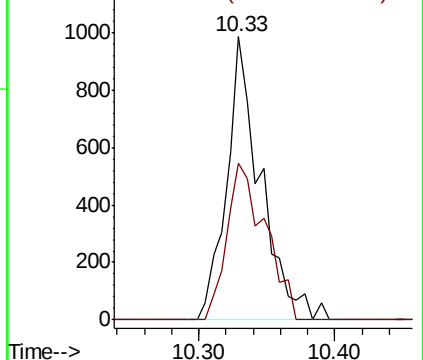


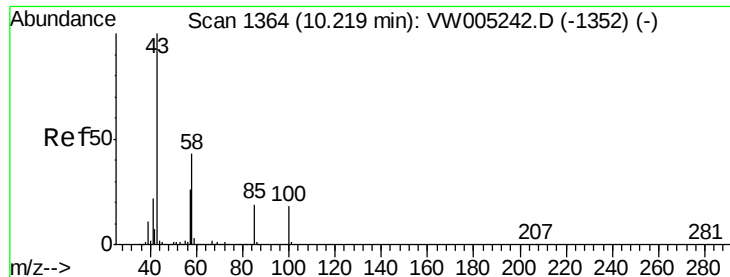
#50
Toluene-d8
Concen: 28.83 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Tgt Ion: 98 Resp: 1714
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 2.57 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

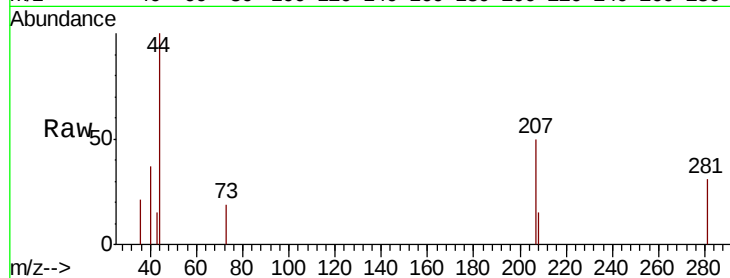
ENY-SB-102-61.0-61.5

Tot Ion: 43 Resp: 21

Ion Ratio Lower Upper

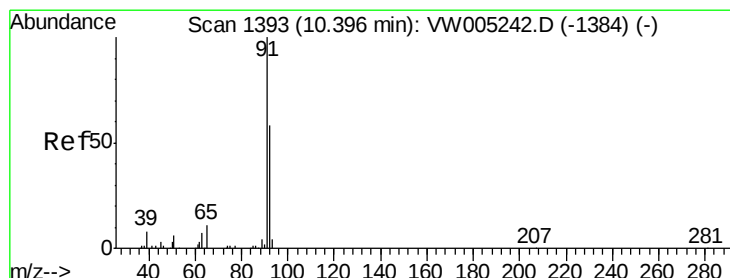
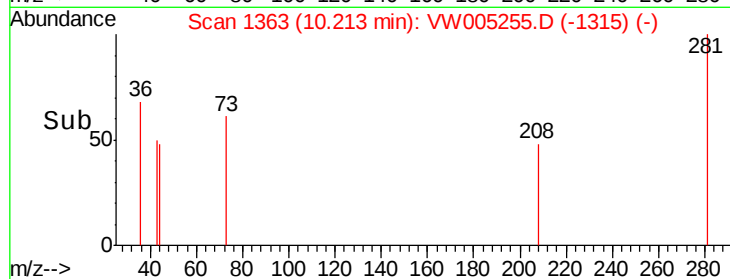
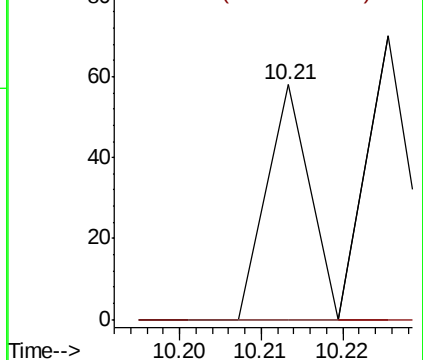
43 100

58 0.0 33.8 50.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 2.11 ug/l

RT: 10.40 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VW005255.D

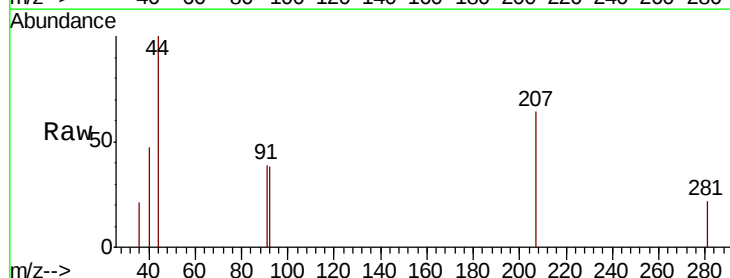
Acq: 10 Sep 2018 21:45

Tgt Ion: 92 Resp: 93

Ion Ratio Lower Upper

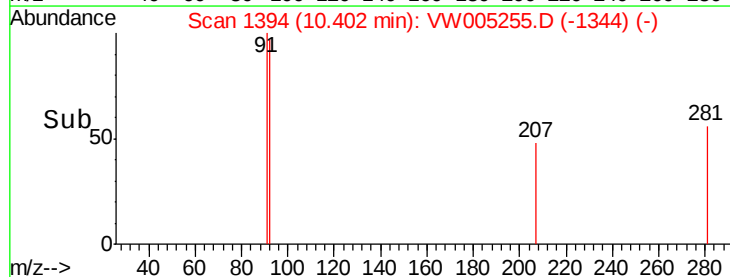
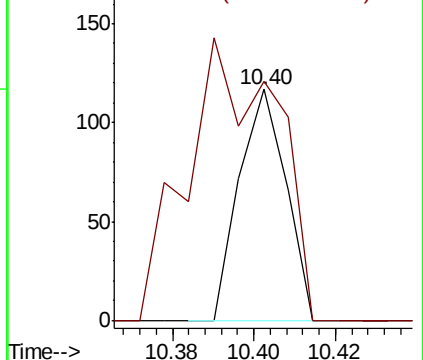
92 100

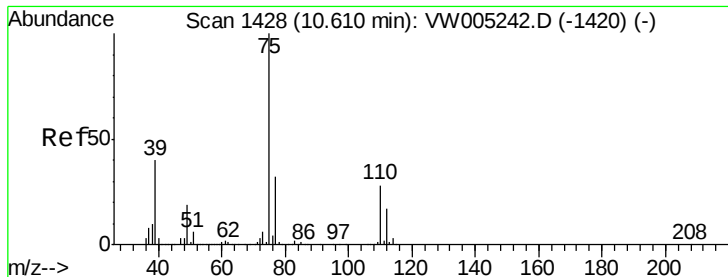
91 234.4 137.4 206.0#



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 5.73 ug/l

RT: 10.72 min Scan# 1446

Delta R.T. 0.11 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

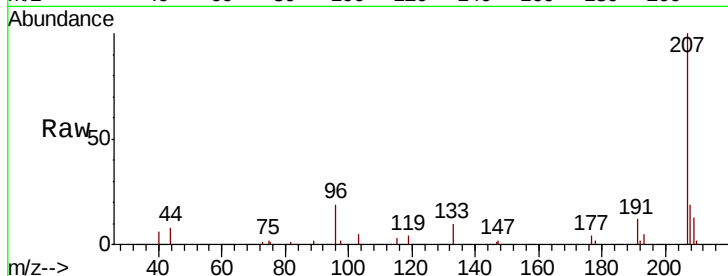
ENY-SB-102-61.0-61.5

Tot Ion: 75 Resp: 108

Ion Ratio Lower Upper

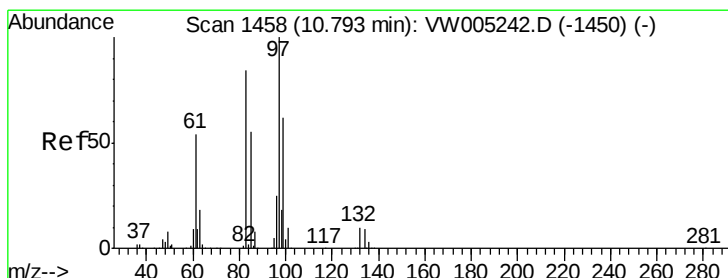
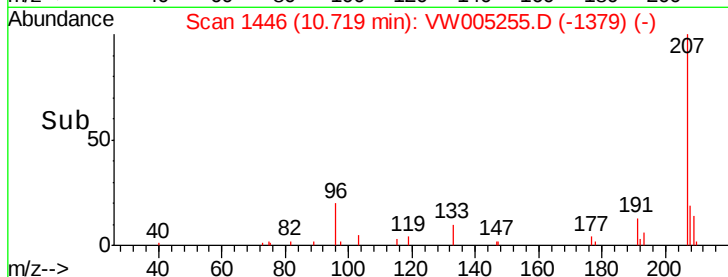
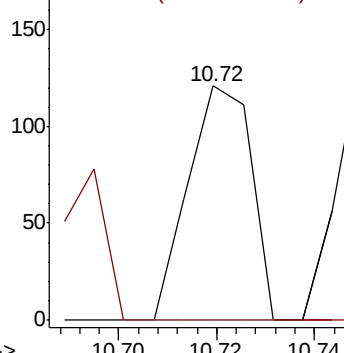
75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 30.69 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.04 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Tgt Ion: 97 Resp: 349

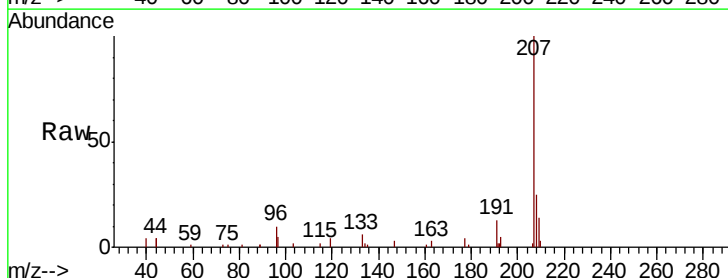
Ion Ratio Lower Upper

97 100

83 0.0 67.2 100.8#

85 0.0 44.4 66.6#

99 0.0 49.2 73.8#

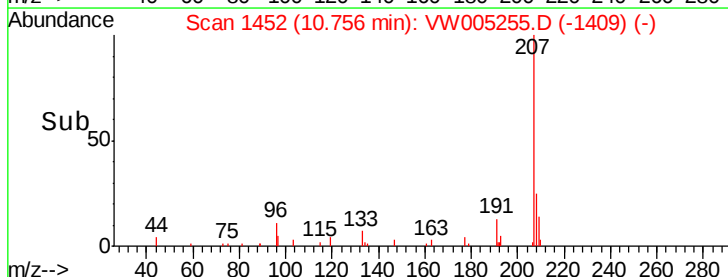
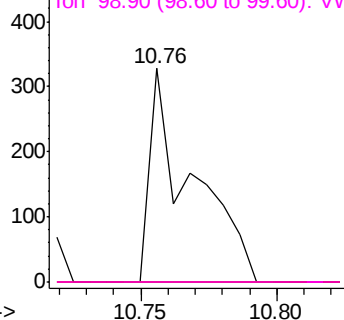


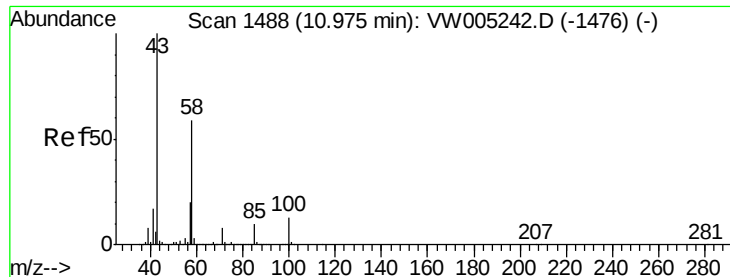
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#59

2-Hexanone

Concen: 7.46 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.21 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

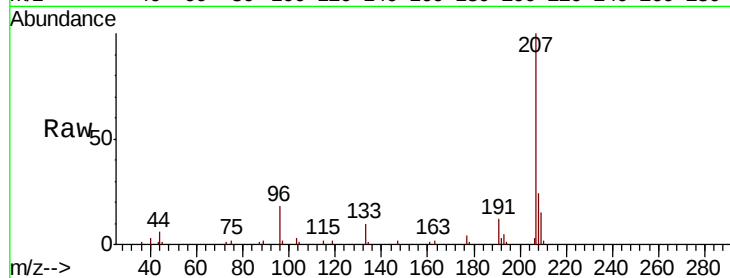
ENY-SB-102-61.0-61.5

Tot Ion: 43 Resp: 44

Ion Ratio Lower Upper

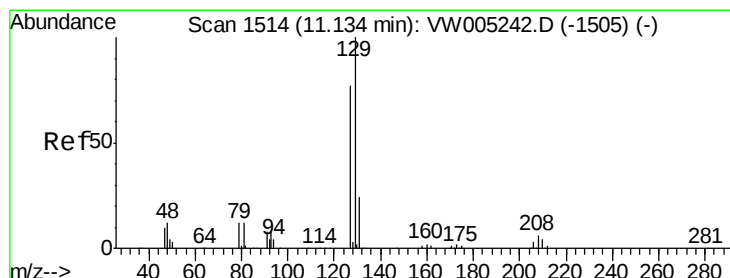
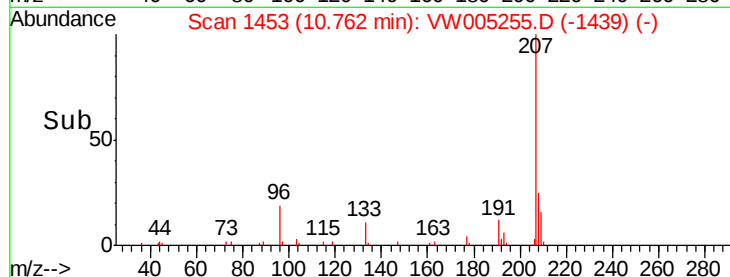
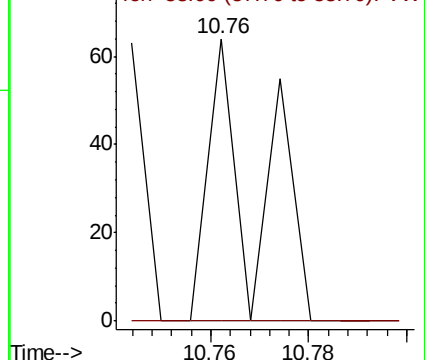
43 100

58 0.0 29.3 87.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 2.38 ug/l

RT: 10.87 min Scan# 1471

Delta R.T. -0.26 min

Lab File: VW005255.D

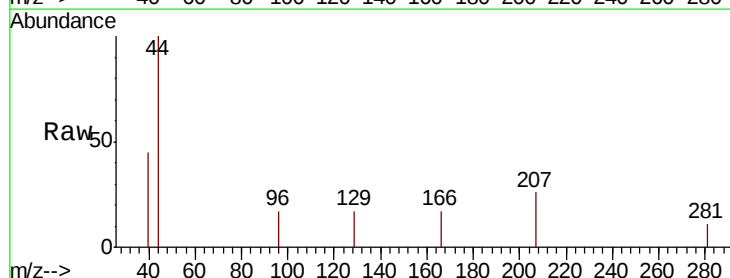
Acq: 10 Sep 2018 21:45

Tgt Ion: 129 Resp: 30

Ion Ratio Lower Upper

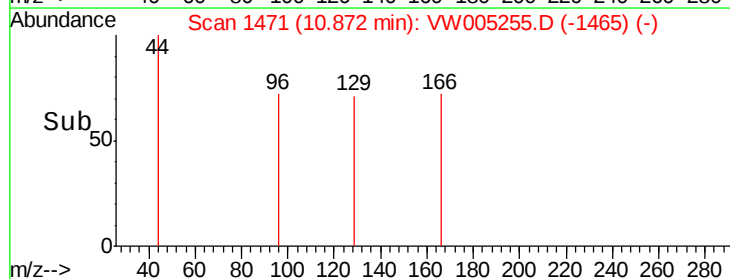
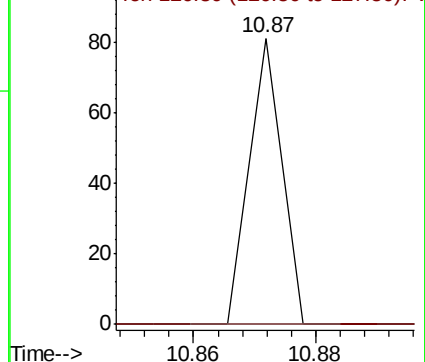
129 100

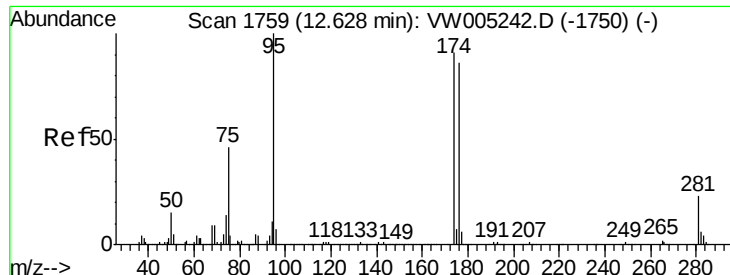
127 0.0 39.0 117.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 2.62 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

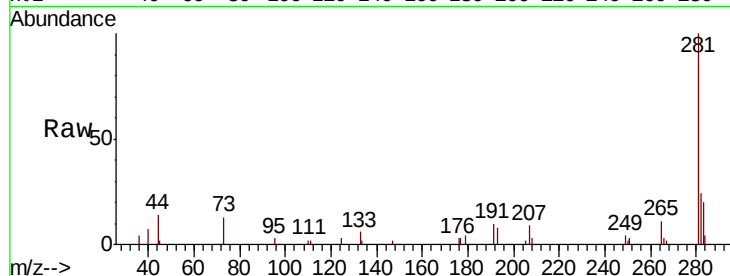
Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

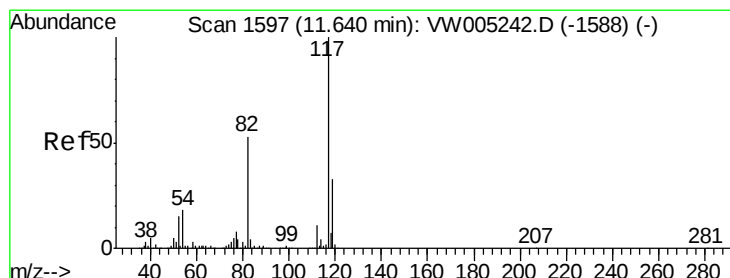
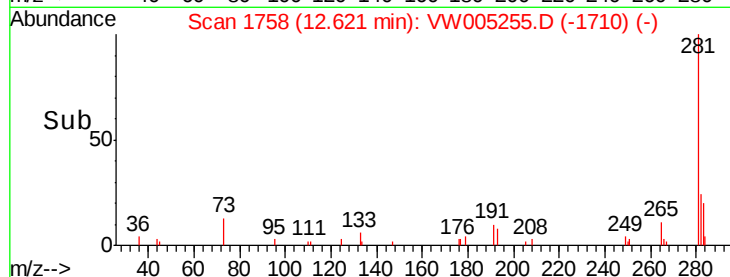
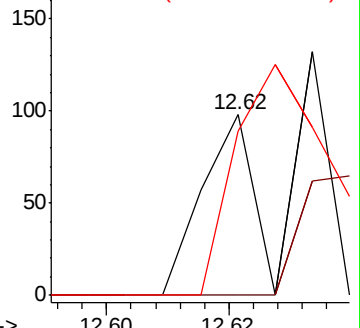
Tot Ion:	95	Resp:	57
Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	174.6
176	231.6	0.0	167.6#



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

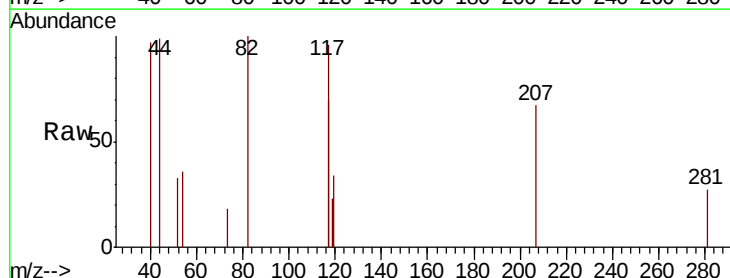
RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

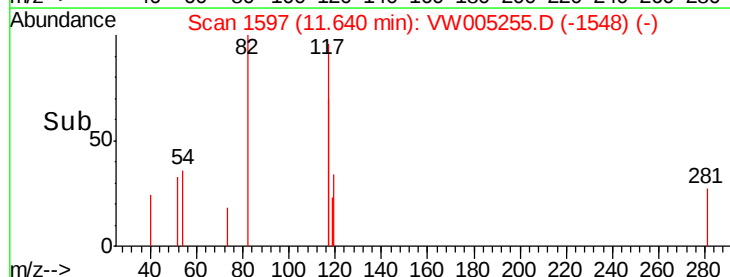
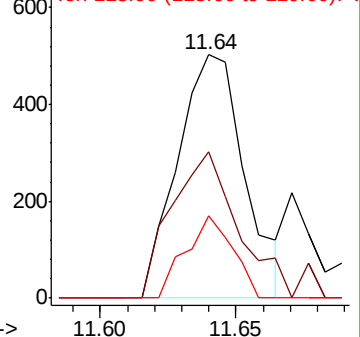
Tgt Ion:	117	Resp:	857
Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.6	63.8
119	34.0	26.2	39.4

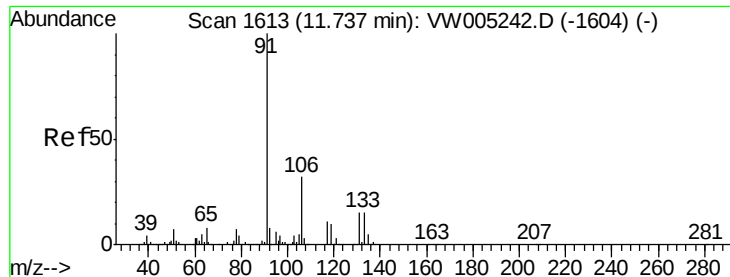


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

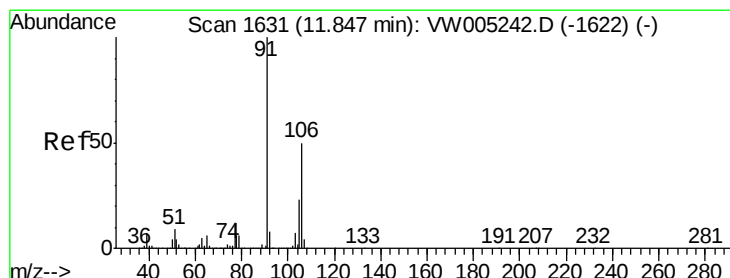
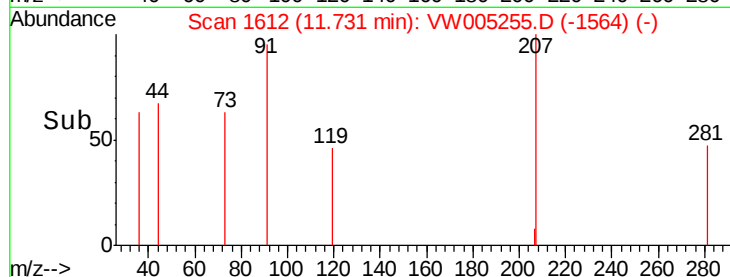
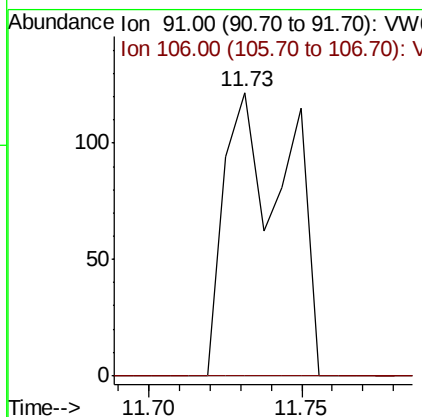
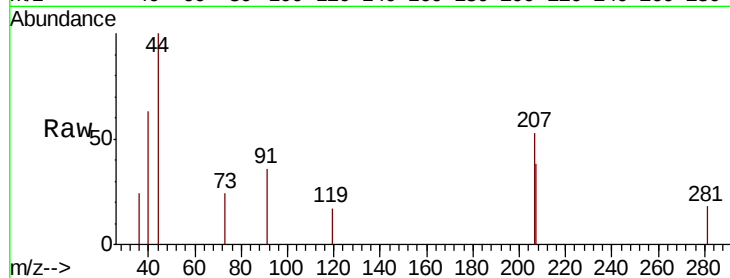




#67
Ethyl Benzene
Concen: 5.29 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

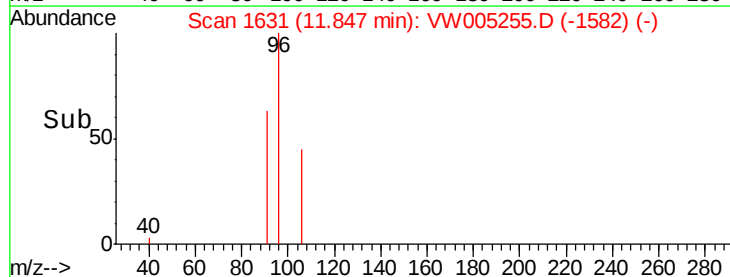
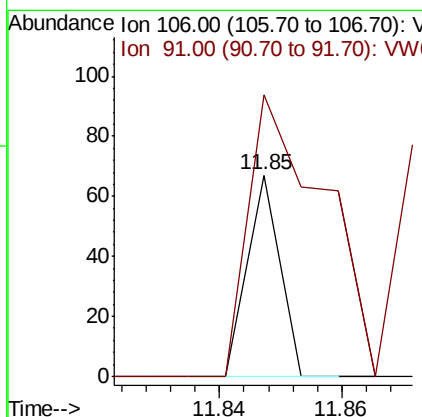
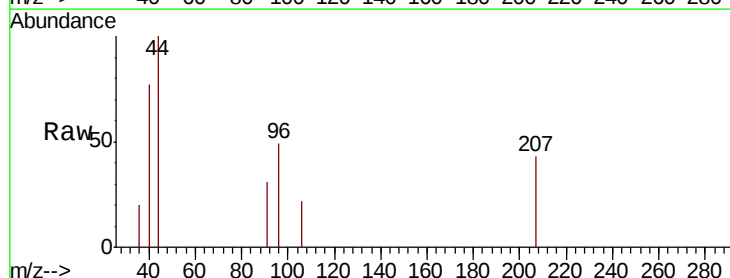
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-102-61.0-61.5

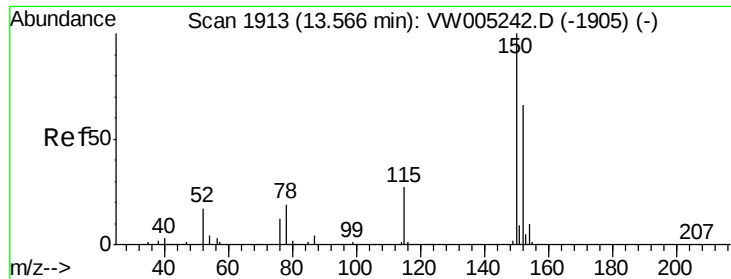
Tot Ion: 91 Resp: 173
Ion Ratio Lower Upper
91 100
106 0.0 25.6 38.4#



#68
m/p-Xylenes
Concen: 1.90 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Tgt Ion: 106 Resp: 25
Ion Ratio Lower Upper
106 100
91 320.0 160.2 240.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

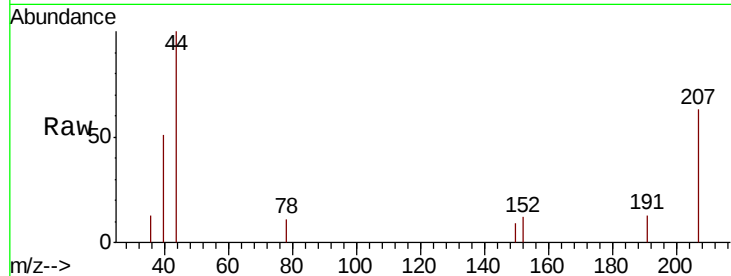
Tot Ion:152 Resp: 42

Ion Ratio Lower Upper

152 100

115 0.0 27.5 82.4#

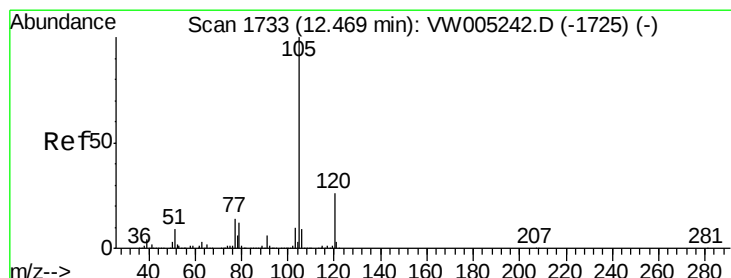
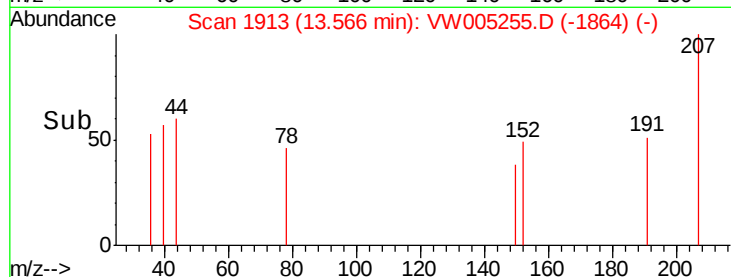
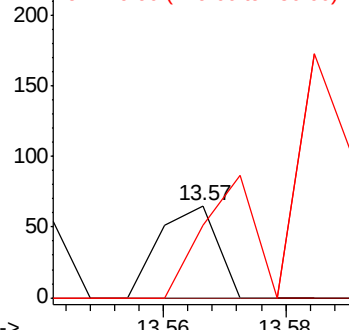
150 359.5 0.0 347.4#



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 27.63 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. 0.01 min

Lab File: VW005255.D

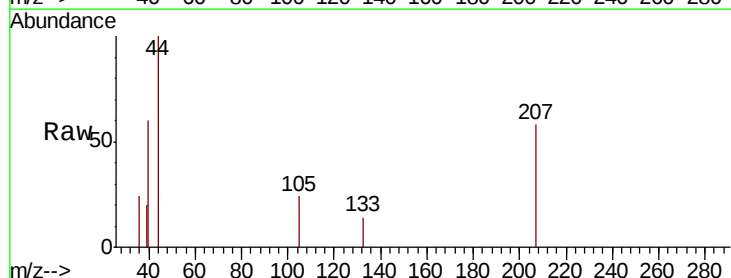
Acq: 10 Sep 2018 21:45

Tgt Ion:105 Resp: 82

Ion Ratio Lower Upper

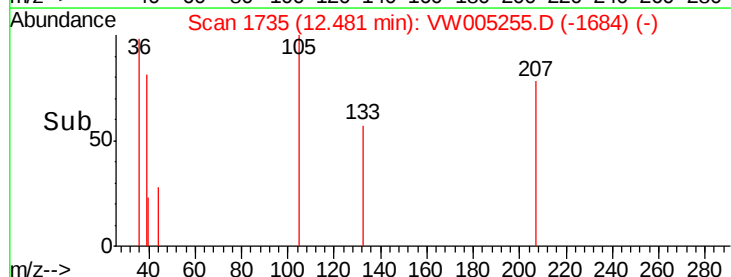
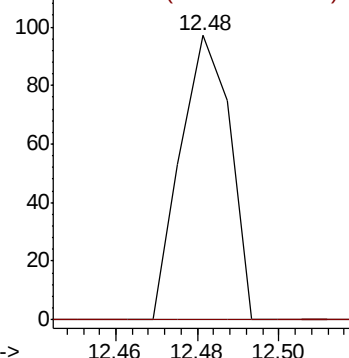
105 100

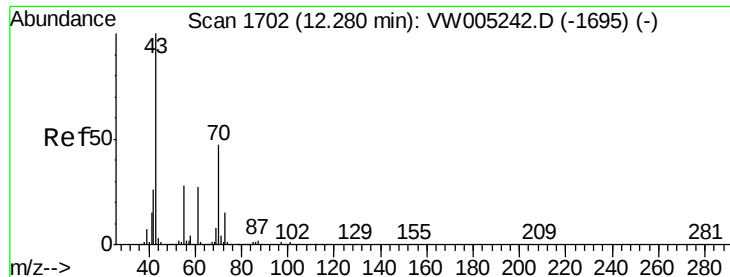
120 0.0 13.4 40.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

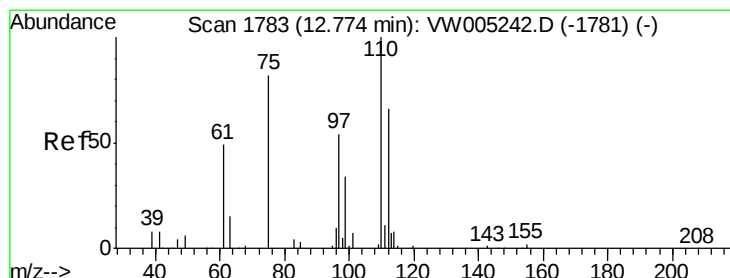
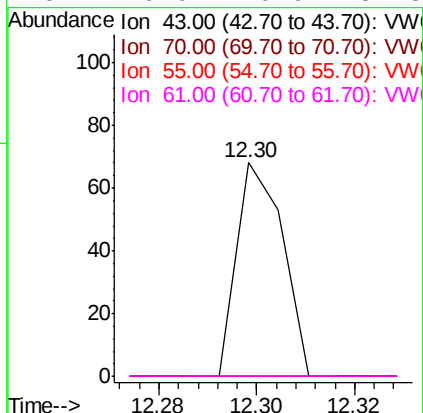
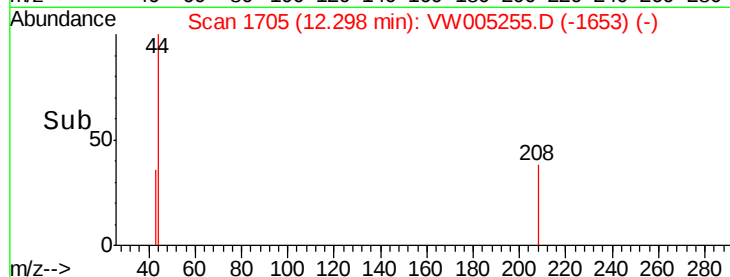
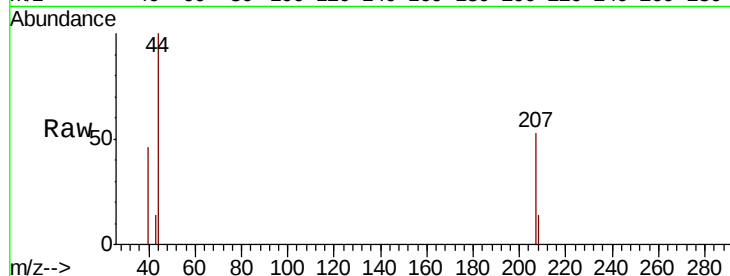




#74
N-amvl acetate
Concen: 77.93 ug/l
RT: 12.30 min Scan# 1705
Delta R.T. 0.02 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

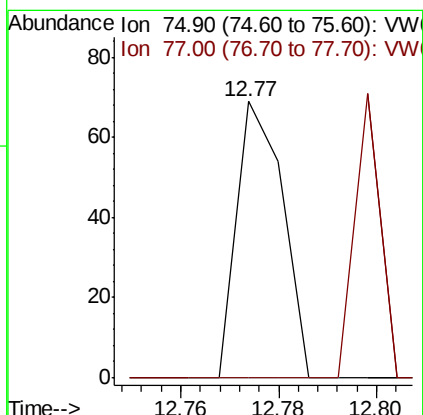
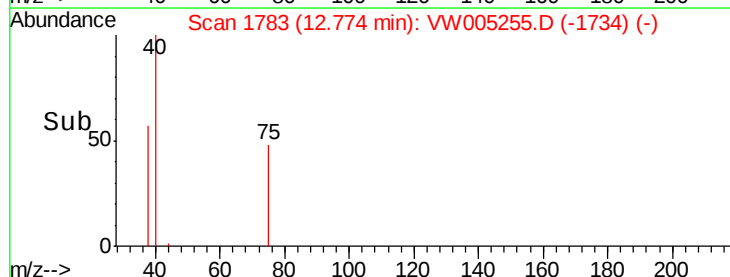
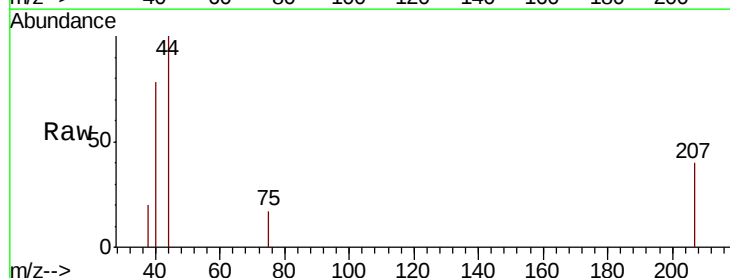
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-102-61.0-61.5

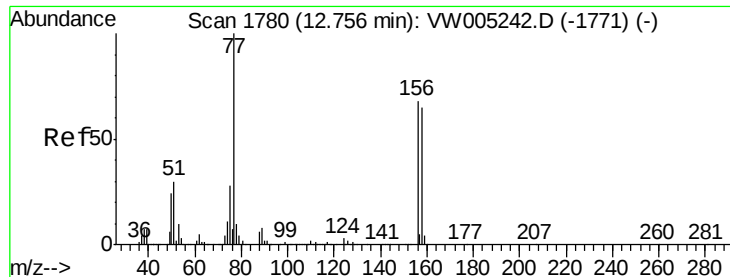
Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.9	56.9#
55	0.0	22.6	33.8#
61	0.0	20.9	31.3#



#76
1,2,3-Trichloropropane
Concen: 139.30 ug/l
RT: 12.77 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VW005255.D
Acq: 10 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 137.32 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. 0.13 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

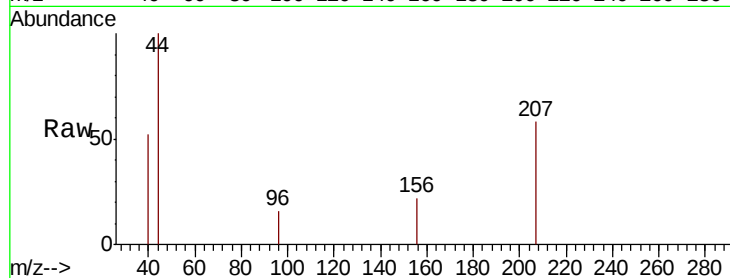
Tot Ion:156 Resp: 96

Ion Ratio Lower Upper

156 100

77 0.0 86.3 258.8#

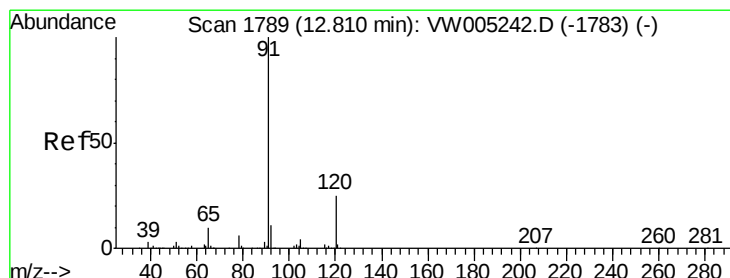
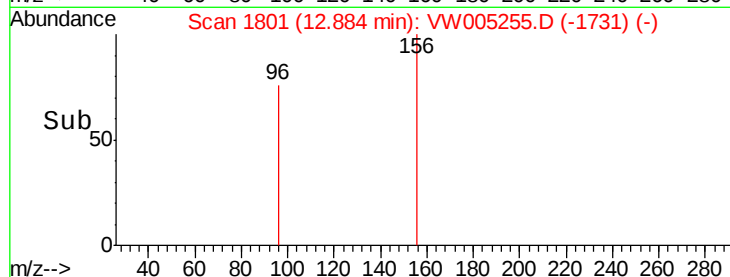
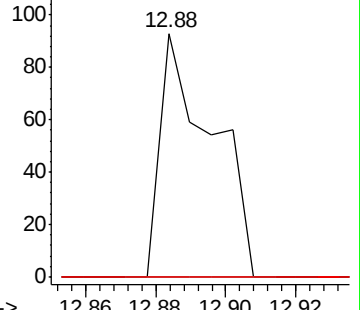
158 0.0 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 26.09 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW005255.D

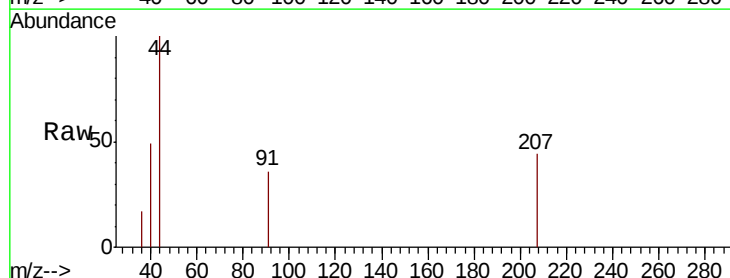
Acq: 10 Sep 2018 21:45

Tgt Ion: 91 Resp: 93

Ion Ratio Lower Upper

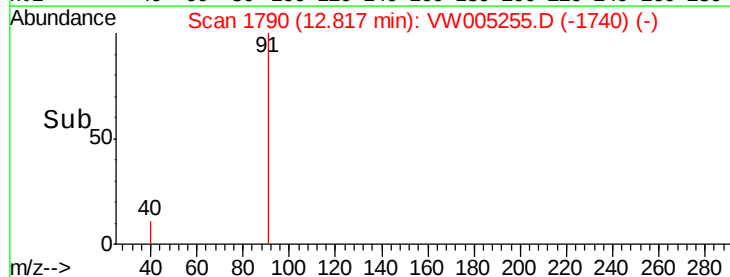
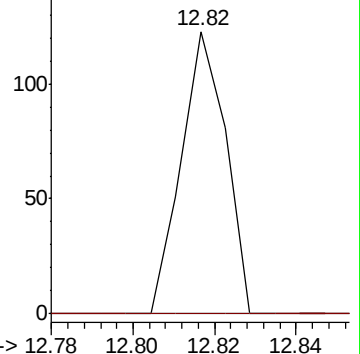
91 100

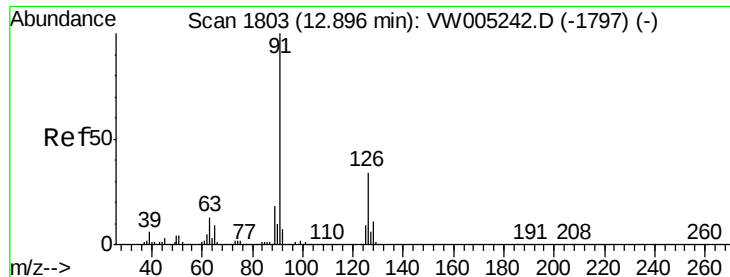
120 0.0 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.04 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

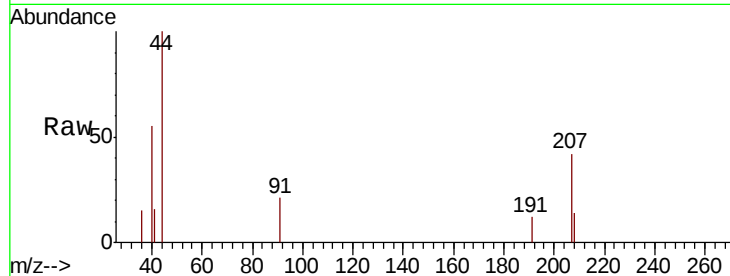
ENY-SB-102-61.0-61.5

Tot Ion: 91 Resp: 90

Ion Ratio Lower Upper

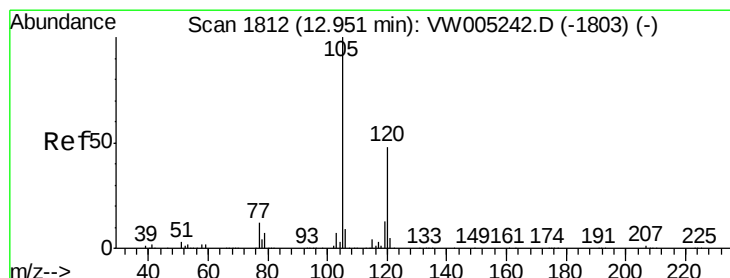
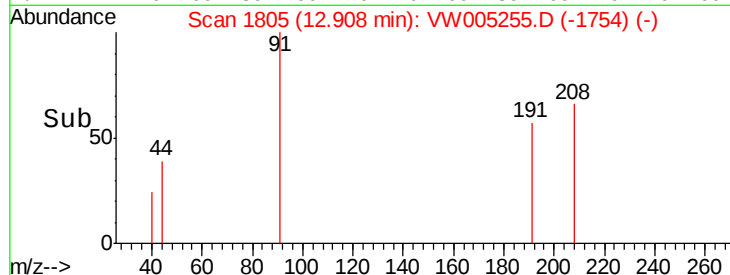
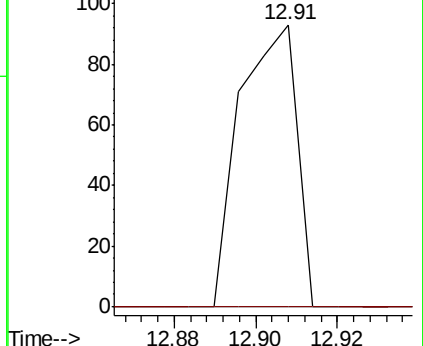
91 100

126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.79 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VW005255.D

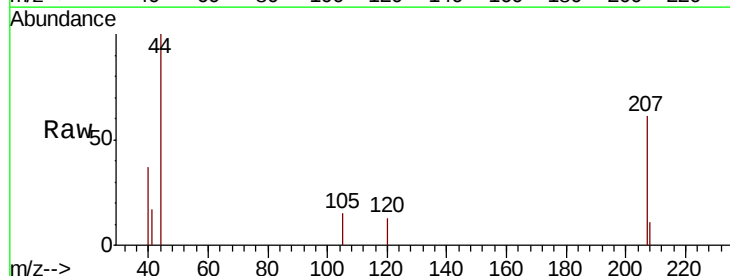
Acq: 10 Sep 2018 21:45

Tgt Ion: 105 Resp: 50

Ion Ratio Lower Upper

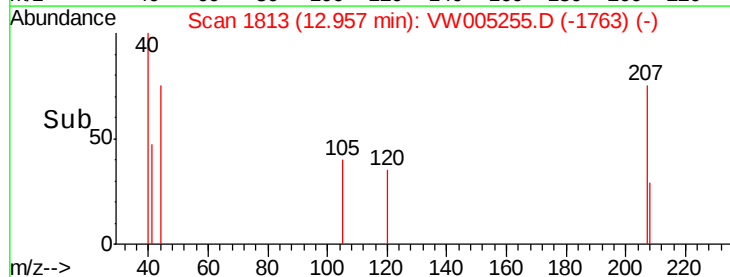
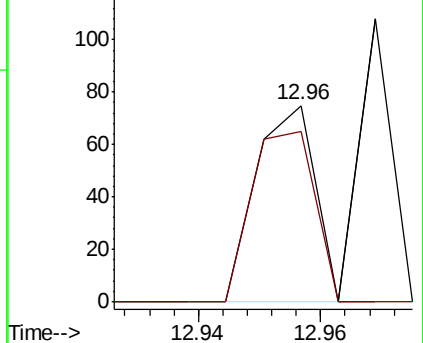
105 100

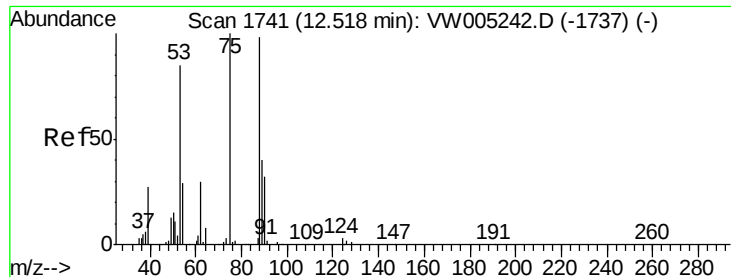
120 92.0 24.4 73.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 675.16 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.12 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

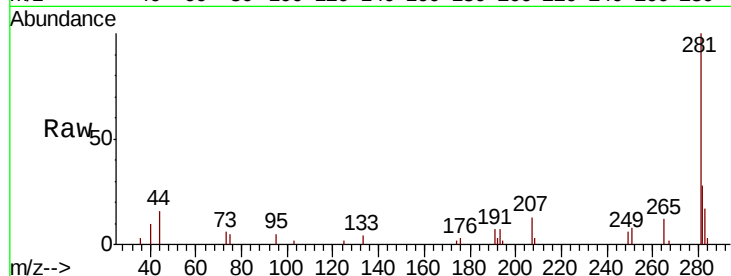
Tot Ion: 75 Resp: 93

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.6#

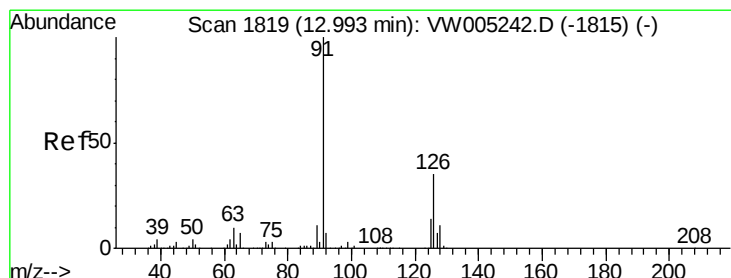
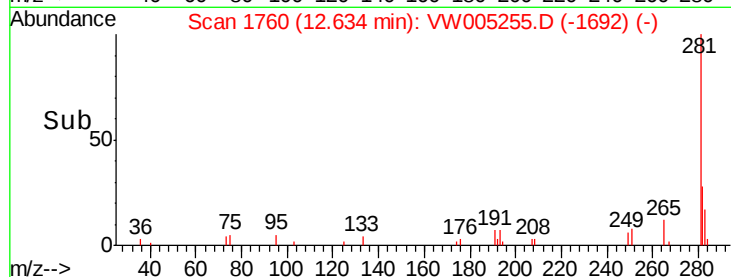
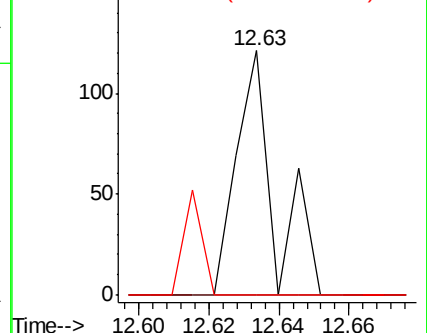
89 20.4 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 31.65 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005255.D

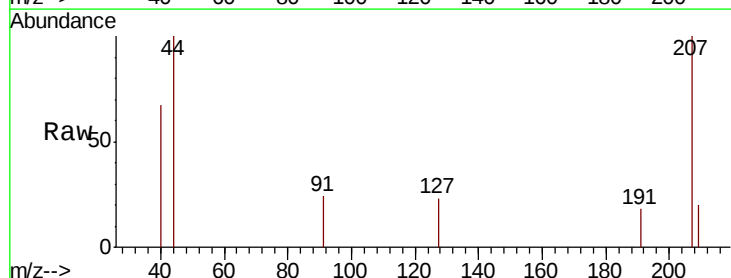
Acq: 10 Sep 2018 21:45

Tgt Ion: 91 Resp: 68

Ion Ratio Lower Upper

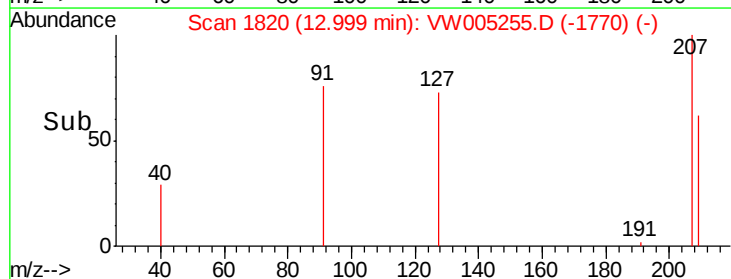
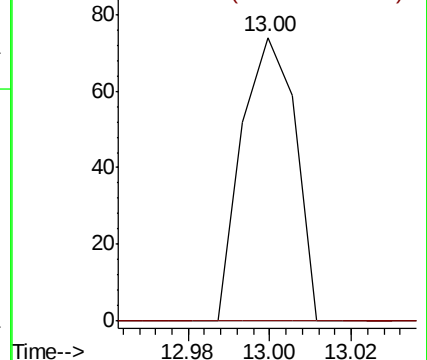
91 100

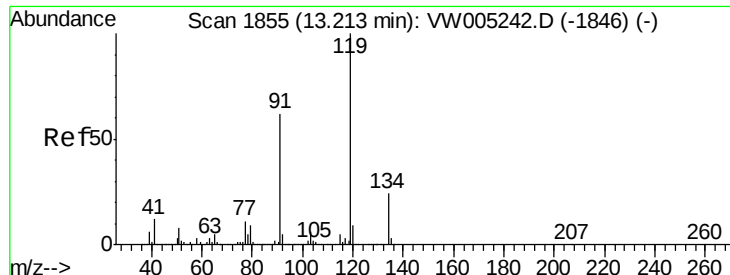
126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 35.75 ug/l

RT: 13.23 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

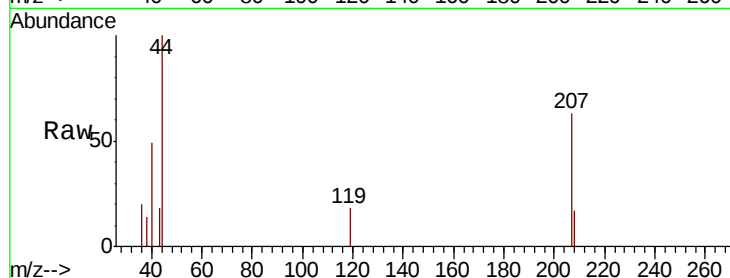
Tot Ion:119 Resp: 79

Ion Ratio Lower Upper

119 100

91 0.0 31.7 95.1#

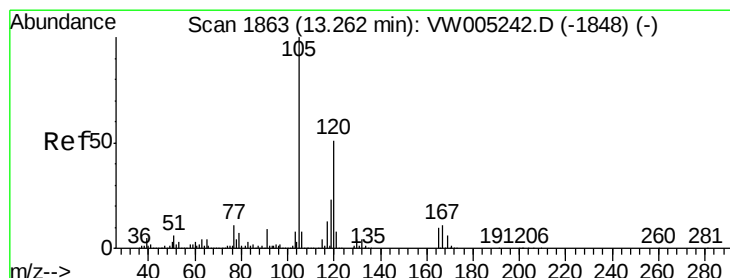
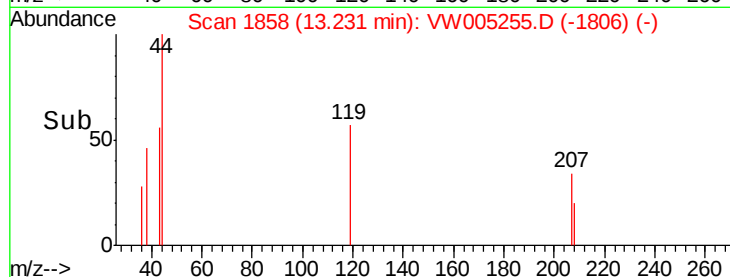
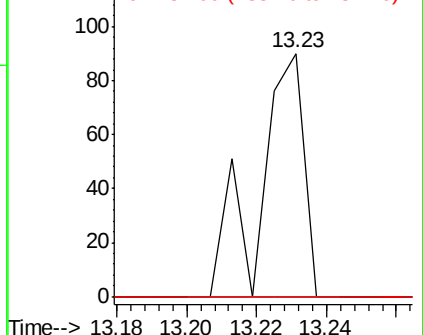
134 0.0 13.0 38.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 60.65 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005255.D

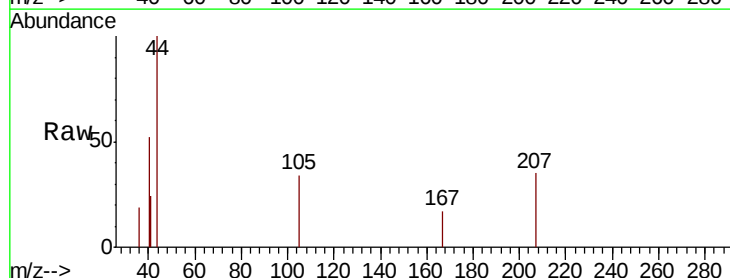
Acq: 10 Sep 2018 21:45

Tgt Ion:105 Resp: 154

Ion Ratio Lower Upper

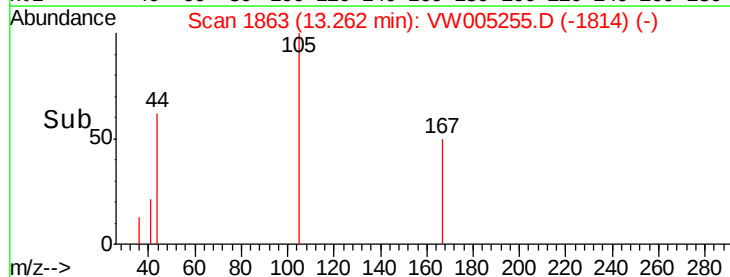
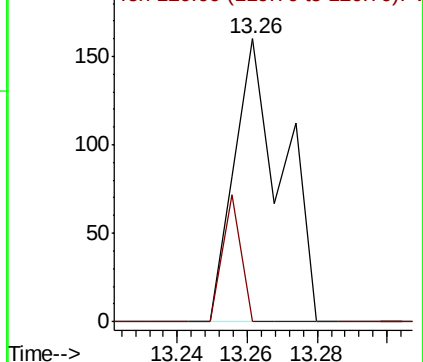
105 100

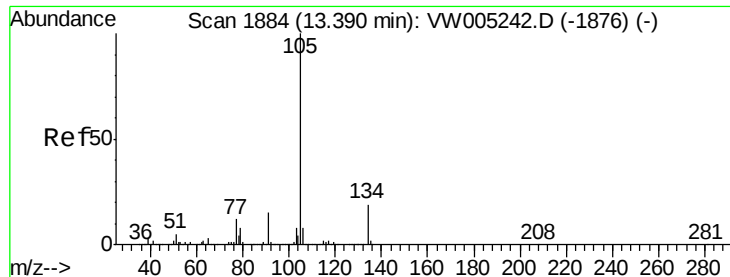
120 16.9 23.4 70.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.88 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

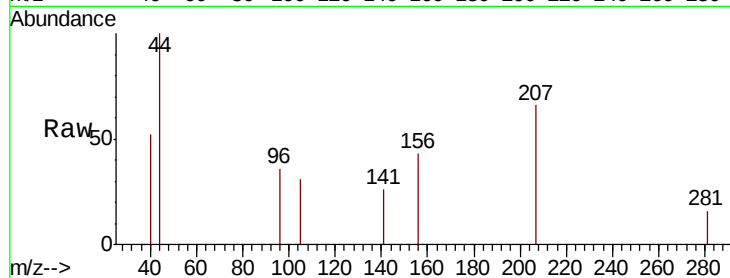
ENY-SB-102-61.0-61.5

Tot Ion:105 Resp: 187

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

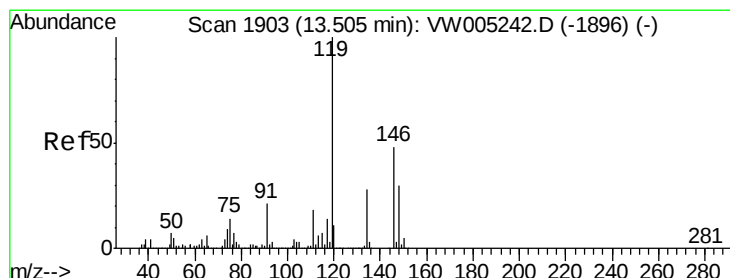
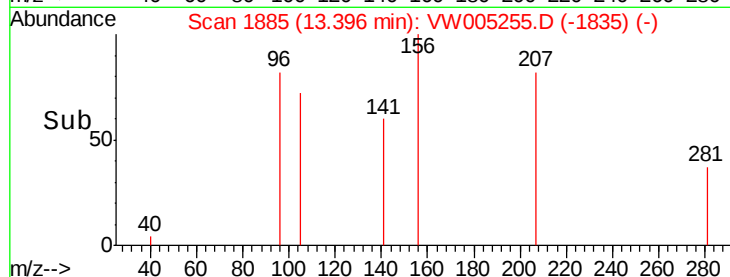
150

100

50

0

Time--> 13.35 13.40



#86

p-Isopropyltoluene

Concen: 30.59 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

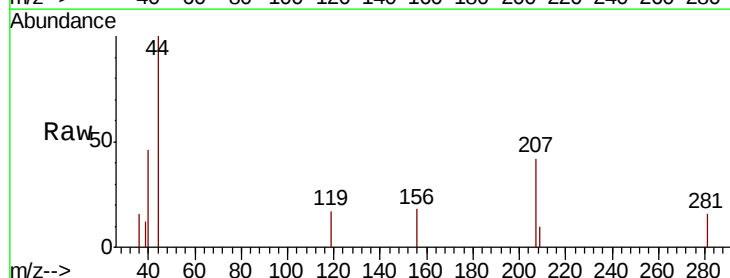
Tgt Ion:119 Resp: 86

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 0.0 10.7 32.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

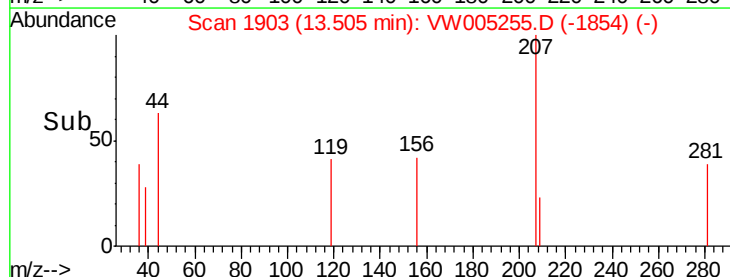
13.51

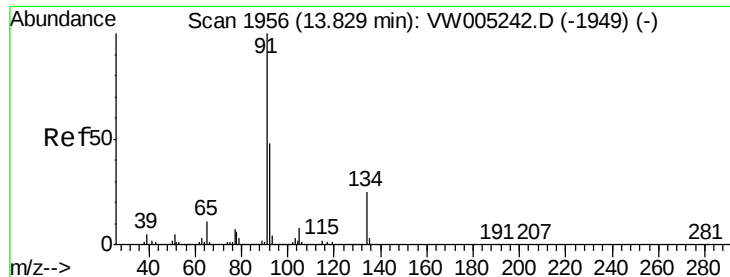
100

50

0

Time--> 13.48 13.50 13.52 13.54





#89

n-Butylbenzene

Concen: 9.46 ug/l

RT: 13.85 min Scan# 1959

Delta R.T. 0.02 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

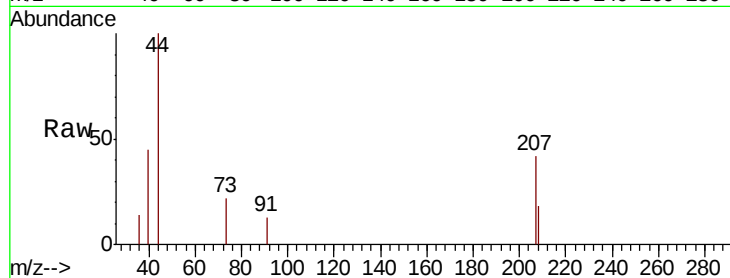
Tot Ion: 91 Resp: 25

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.3#

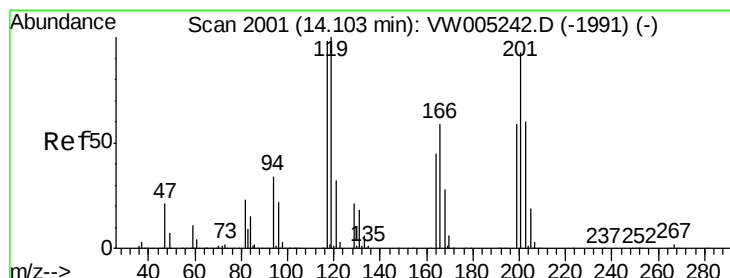
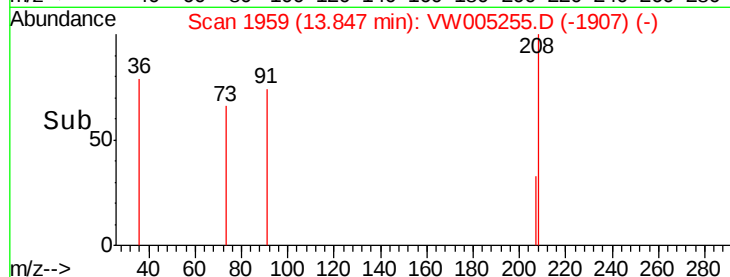
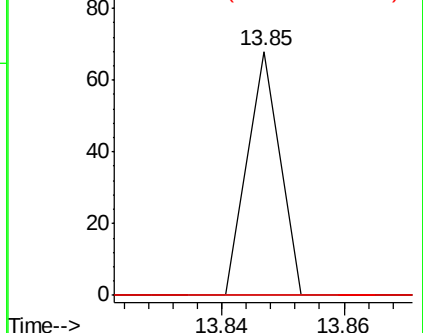
134 0.0 13.6 40.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 139.85 ug/l

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: VW005255.D

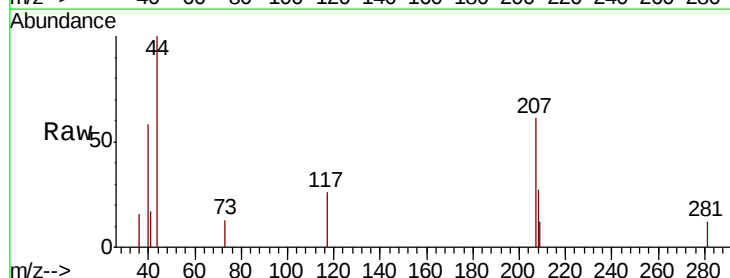
Acq: 10 Sep 2018 21:45

Tgt Ion: 117 Resp: 63

Ion Ratio Lower Upper

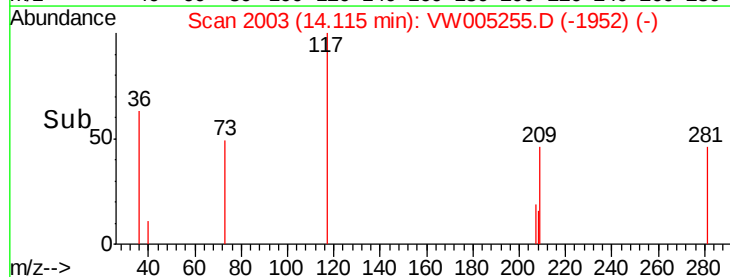
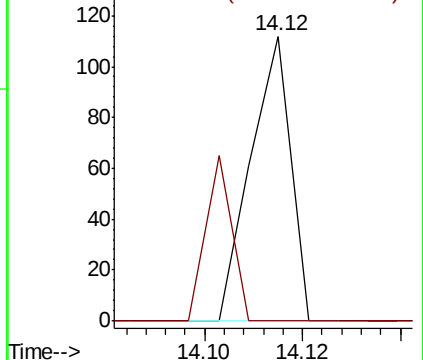
117 100

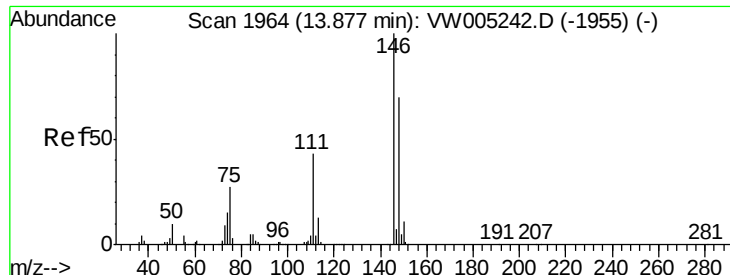
201 38.1 44.0 132.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

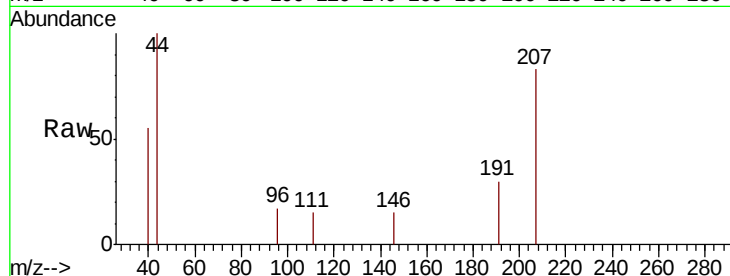




#91
 1,2-Dichlorobenzene
 Concen: 16.28 ug/l
 RT: 13.89 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-102-61.0-61.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	100.0	20.5	61.5#
148	0.0	32.7	98.1#



Abundance

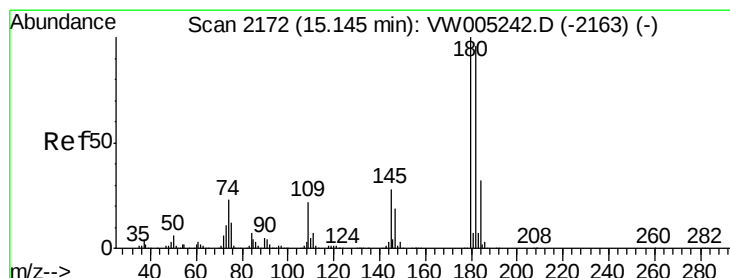
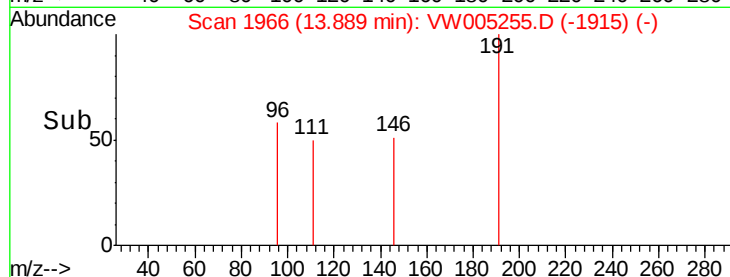
Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

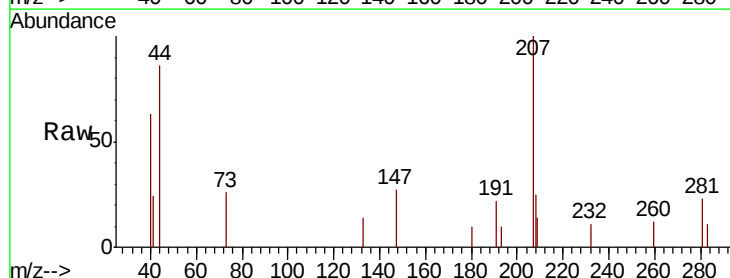
13.89

Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 26.30 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	0.0	14.5	43.6#



Abundance

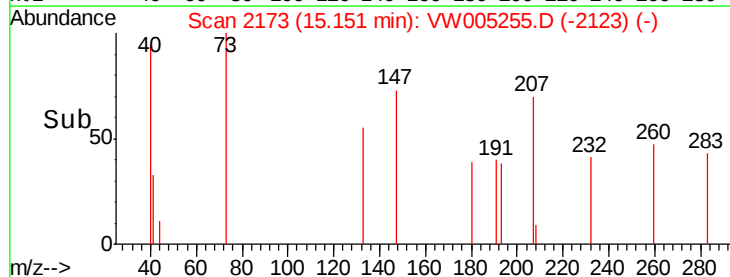
Ion 179.80 (179.50 to 180.50): V

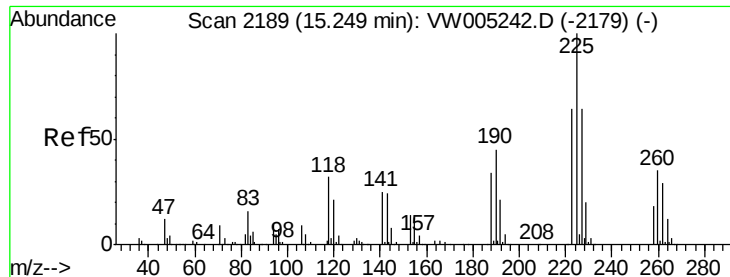
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

15.15

Time-->





#94

Hexachlorobutadiene

Concen: 71.86 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-102-61.0-61.5

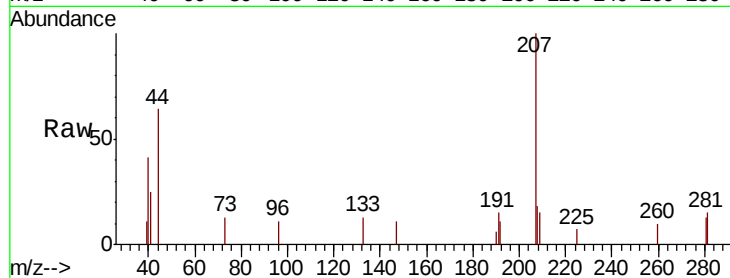
Tot Ion:225 Resp: 42

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.2#

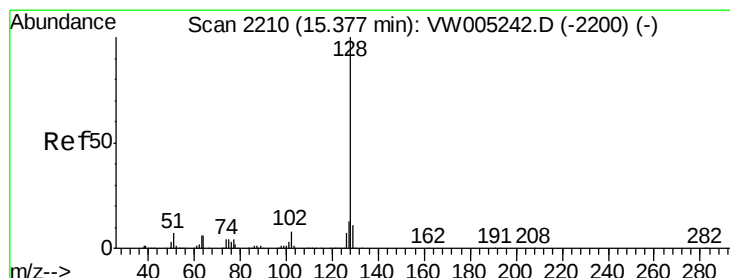
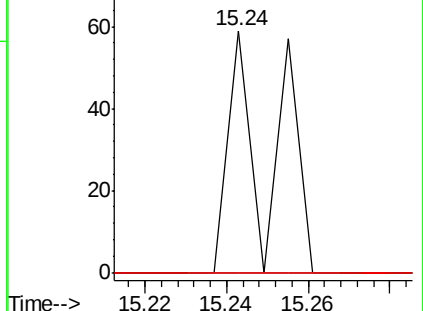
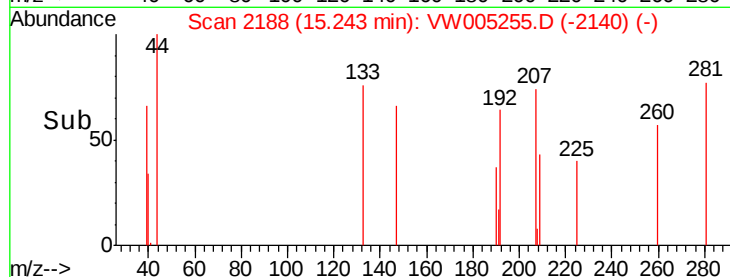
227 0.0 32.0 96.0#



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: 122.31 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005255.D

Acq: 10 Sep 2018 21:45

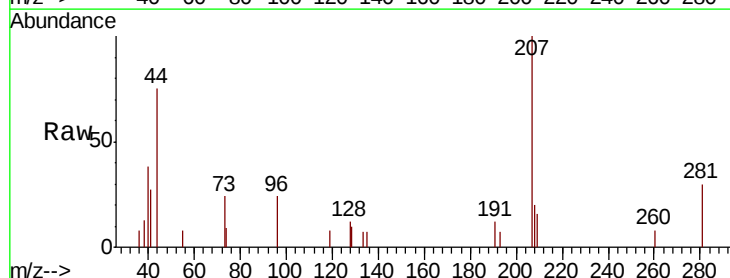
Tgt Ion:128 Resp: 181

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

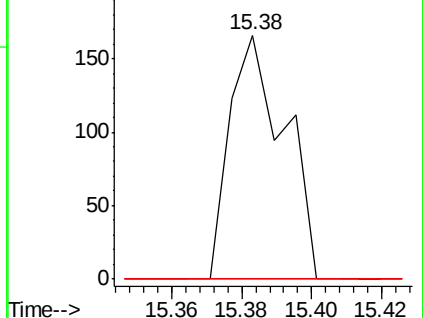
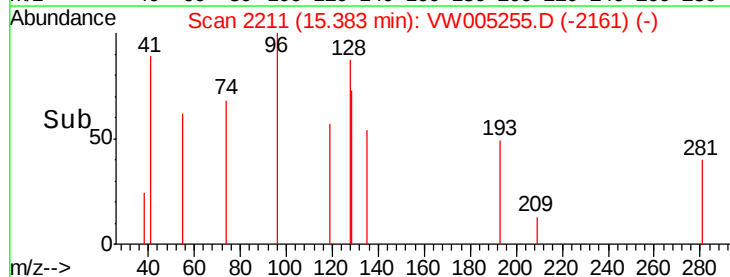
129 0.0 8.8 13.2#

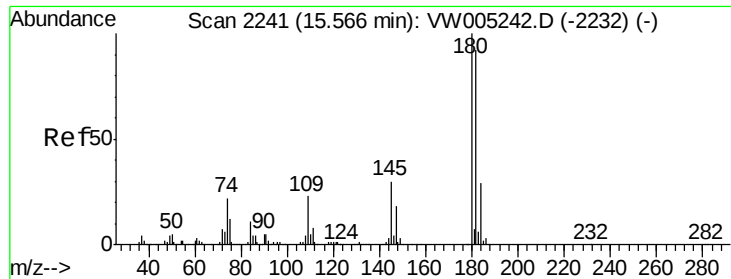


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

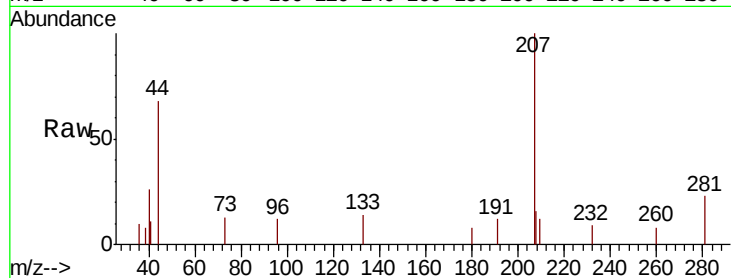




#96
 1,2,3-Trichlorobenzene
 Concen: 120.96 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW005255.D
 Acq: 10 Sep 2018 21:45

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-102-61.0-61.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	0.0	15.2	45.6#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

