

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012282.D
 Acq On : 29 Aug 2019 05:03
 Operator : SY/VA
 Sample : K4498-05
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-4

Quant Time: Aug 29 06:54:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135175	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.88	113	111724	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.32	98	601947	67.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.24%	
62) 4-Bromofluorobenzene	12.61	95	202051	63.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.82%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.17	59	785	4.753	ug/l #	71
15) Acrylonitrile	5.42	53	3378	5.305	ug/l #	31
16) Acetone	4.12	43	53456	76.203	ug/l	99
17) Carbon Disulfide	4.37	76	7929	1.133	ug/l	97
20) Methylene Chloride	4.90	84	8711	3.285	ug/l	90
25) 2-Butanone	7.18	43	10965	11.503	ug/l #	78
31) Cyclohexane	7.95	56	329341	66.627	ug/l	98
36) 1,1-Dichloropropene	7.94	75	19153	5.001	ug/l #	71
37) Ethyl Acetate	7.18	43	10965	5.225	ug/l #	73
38) Carbon Tetrachloride	7.95	117	22813	6.883	ug/l #	16
39) Methylcyclohexane	9.34	83	1955289	454.498	ug/l	99
41) Methacrylonitrile	7.51	41	1524	1.236	ug/l #	58
43) Isopropyl Acetate	8.41	43	113981	29.323	ug/l #	55
45) 1,2-Dichloropropane	9.33	63	20371	7.239	ug/l #	1
47) Bromodichloromethane	9.61	83	23973	7.194	ug/l #	42
48) Methyl methacrylate	9.38	41	111535	60.288	ug/l #	19
51) 4-Methyl-2-Pentanone	10.24	43	28309	14.319	ug/l #	69
55) 1,1,2-Trichloroethane	10.76	97	490023	276.603	ug/l #	21
56) Ethyl methacrylate	10.66	69	230137	89.257	ug/l #	6
59) 2-Hexanone	10.93	43	1291360	923.121	ug/l #	33
60) Dibromochloromethane	11.04	129	3887	1.970	ug/l #	50
65) Chlorobenzene	11.56	112	7979	1.446	ug/l #	42
74) N-amyl acetate	12.26	43	1118203	384.960	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.69	83	54924	31.161	ug/l #	58
76) 1,2,3-Trichloropropane	12.88	75	2608	2.087	ug/l #	100
77) Bromobenzene	12.87	156	140858	67.722	ug/l #	1
78) n-propylbenzene	12.78	91	26252	2.237	ug/l #	55
79) 2-Chlorotoluene	12.94	91	40763	6.117	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	141673	17.635	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.61	75	69354	121.686	ug/l #	24
82) 4-Chlorotoluene	12.94	91	39943	5.725	ug/l	92
83) tert-Butylbenzene	13.21	119	33866	4.977	ug/l	83
84) 1,2,4-Trimethylbenzene	13.25	105	40722	5.046	ug/l	99
85) sec-Butylbenzene	13.38	105	40488	4.153	ug/l	85

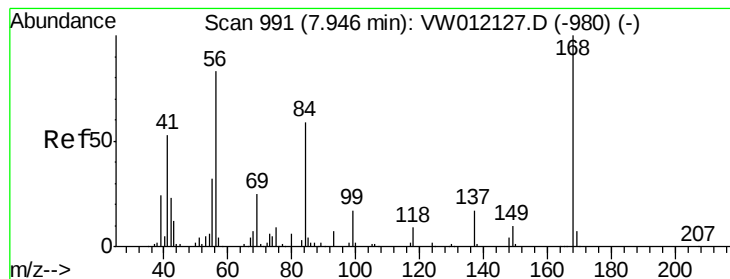
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.50	119	163010	18.722	ug/l	99
89) n-Butylbenzene	13.80	91	97246	11.231	ug/l #	1
90) Hexachloroethane	14.10	117	124500	81.500	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.50	75	4199	14.131	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.17	180	12605	5.111	ug/l #	1
95) Naphthalene	15.33	128	72327	17.974	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	15329	7.124	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

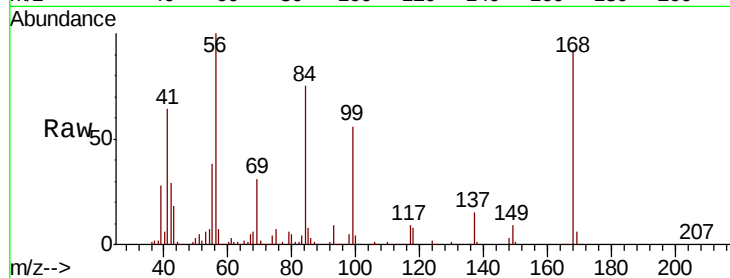
BOTTOM-4

Tgt Ion: 168 Resp: 230854

Ion Ratio Lower Upper

168 100

99 60.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

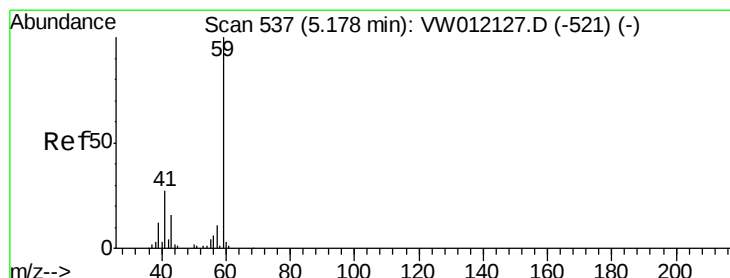
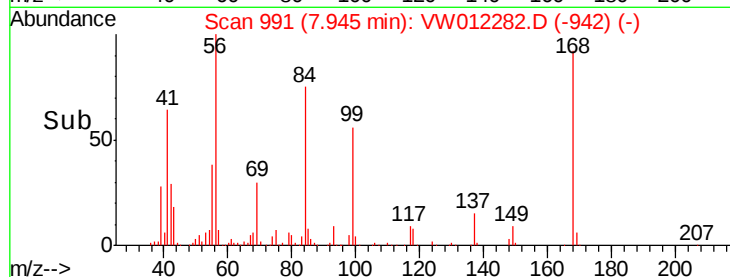
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.753 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW012282.D

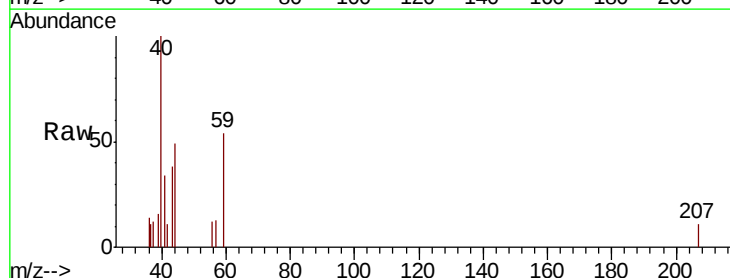
Acq: 29 Aug 2019 05:03

Tgt Ion: 59 Resp: 785

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

300

250

200

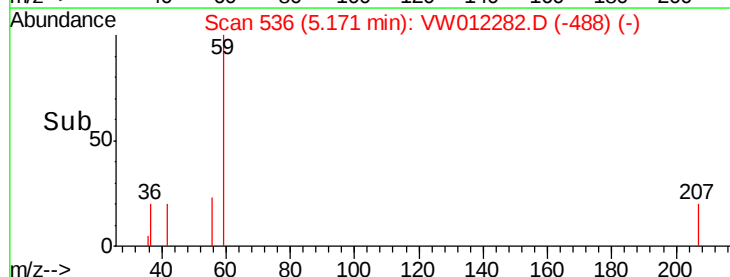
150

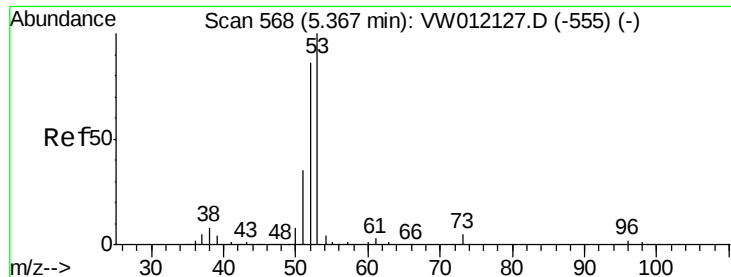
100

50

0

Time--> 5.15 5.20 5.25 5.30





#15

Acrylonitrile

Concen: 5.305 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-4

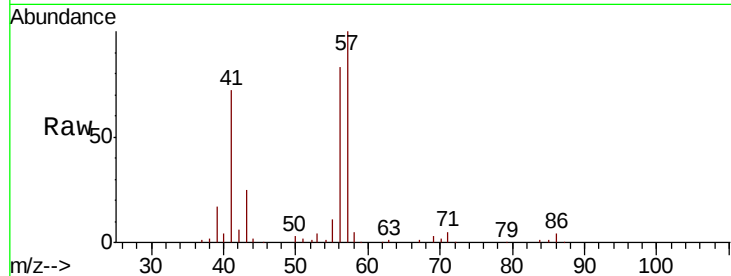
Tgt Ion: 53 Resp: 3378

Ion Ratio Lower Upper

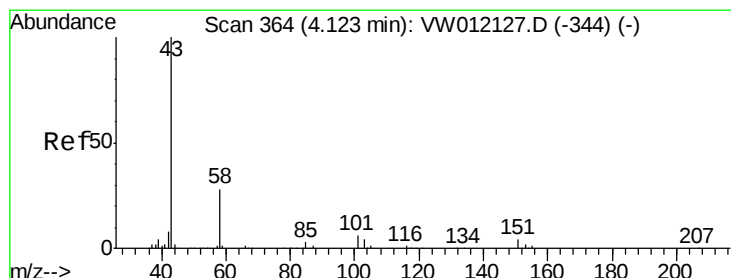
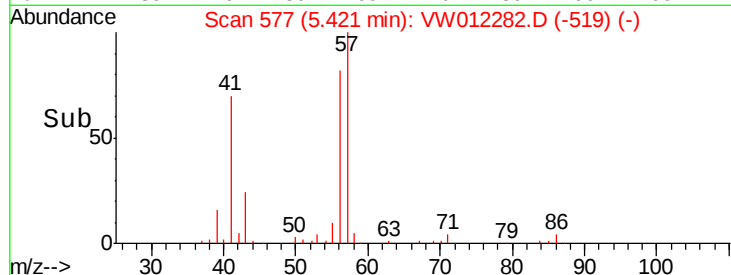
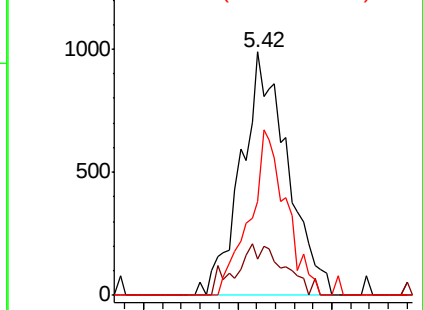
53 100

52 3.8 66.7 100.1#

51 53.9 30.1 45.1#



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 76.203 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012282.D

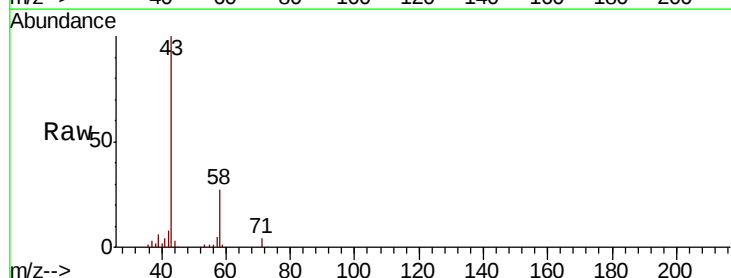
Acq: 29 Aug 2019 05:03

Tgt Ion: 43 Resp: 53456

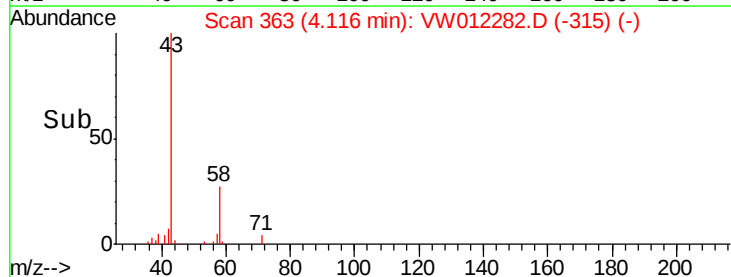
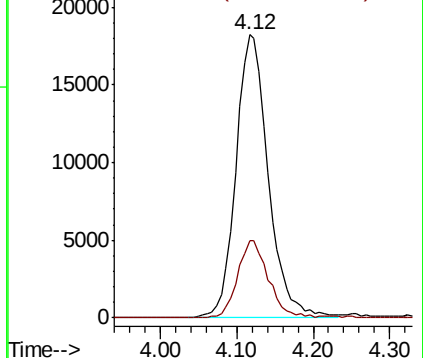
Ion Ratio Lower Upper

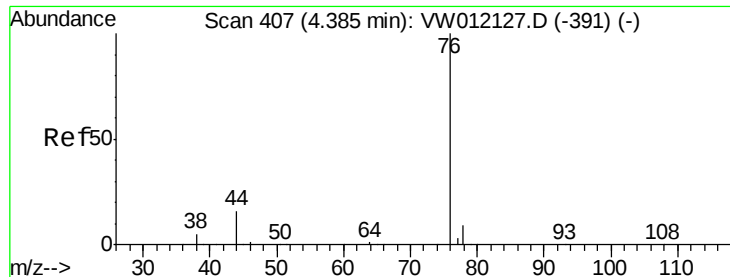
43 100

58 27.4 22.4 33.6



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





#17

Carbon Disulfide

Concen: 1.133 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

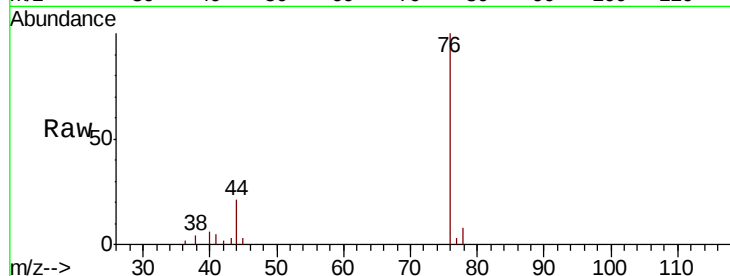
BOTTOM-4

Tgt Ion: 76 Resp: 7929

Ion Ratio Lower Upper

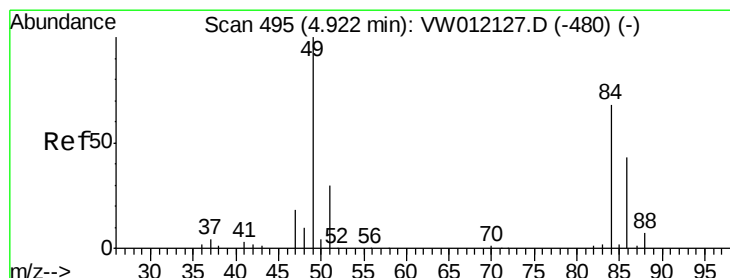
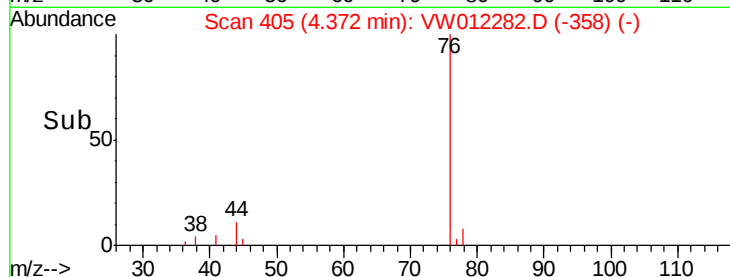
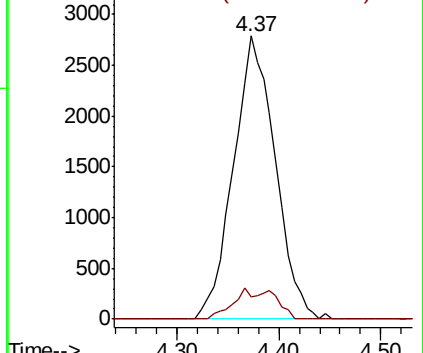
76 100

78 8.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 3.285 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Tgt Ion: 84 Resp: 8711

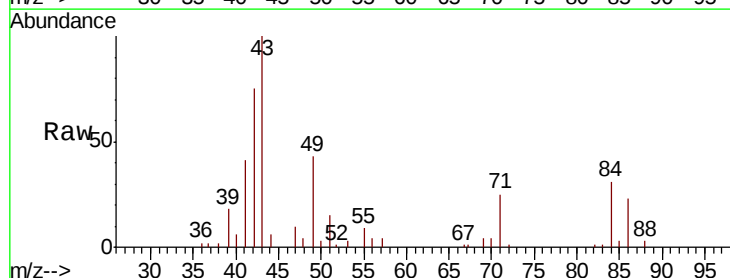
Ion Ratio Lower Upper

84 100

49 135.1 117.8 176.8

51 48.5 35.6 53.4

86 74.6 51.2 76.8

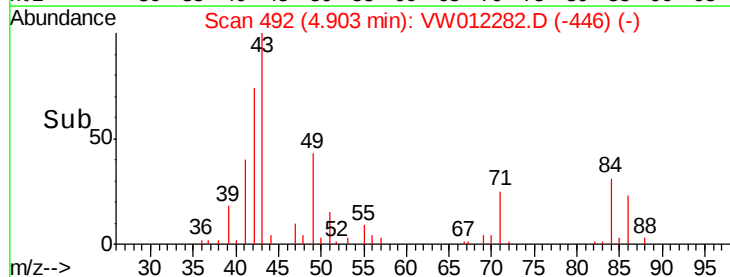
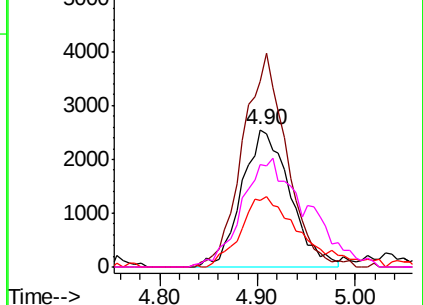


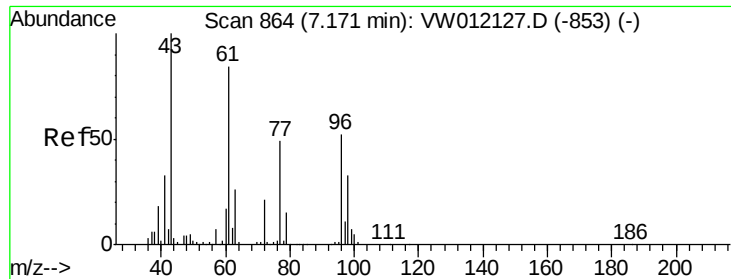
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 11.503 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

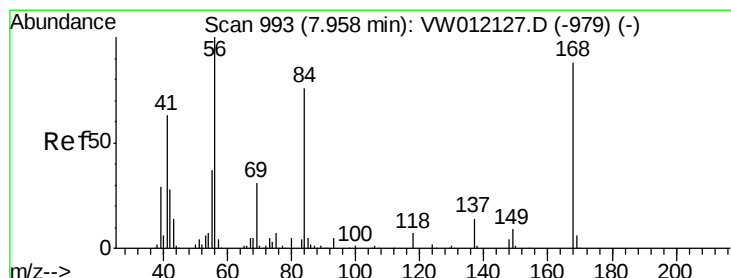
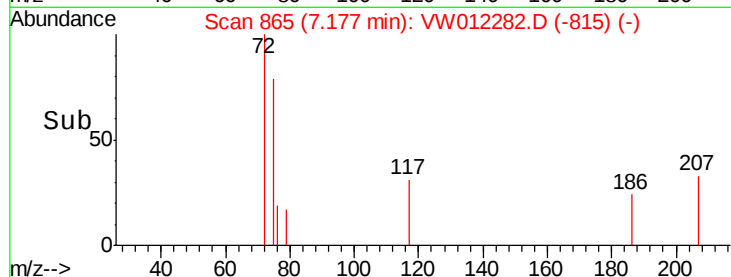
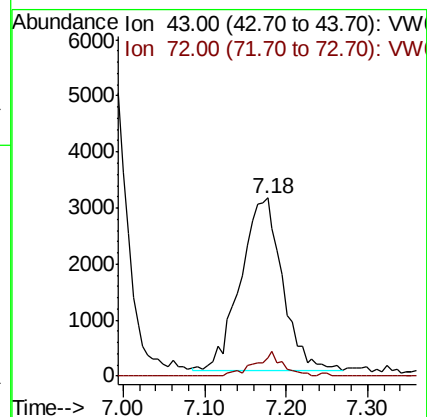
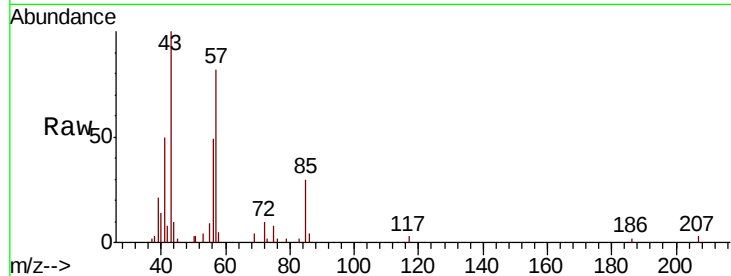
BOTTOM-4

Tgt Ion: 43 Resp: 10965

Ion Ratio Lower Upper

43 100

72 10.5 16.6 24.8#



#31

Cyclohexane

Concen: 66.627 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

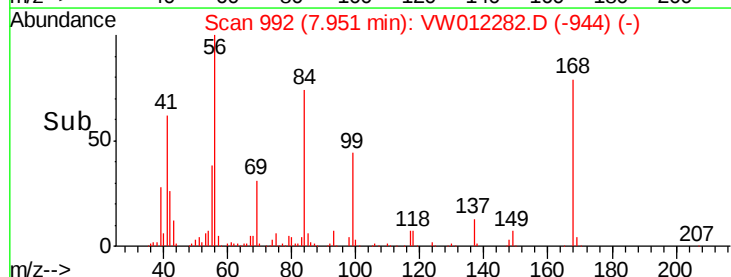
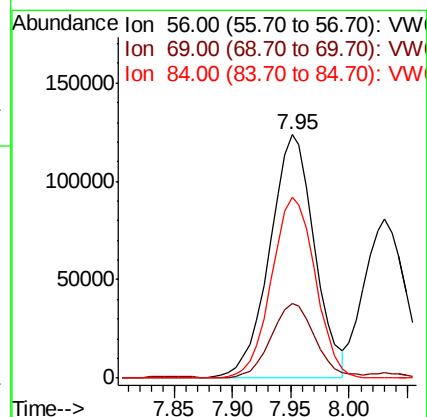
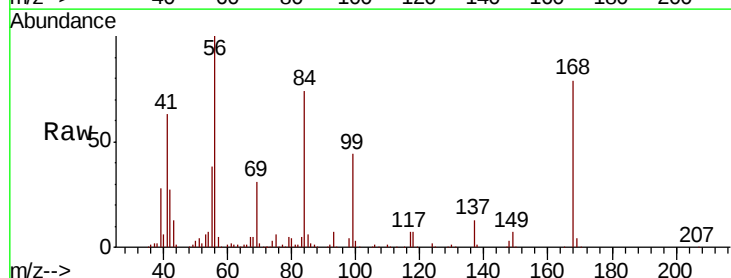
Tgt Ion: 56 Resp: 329341

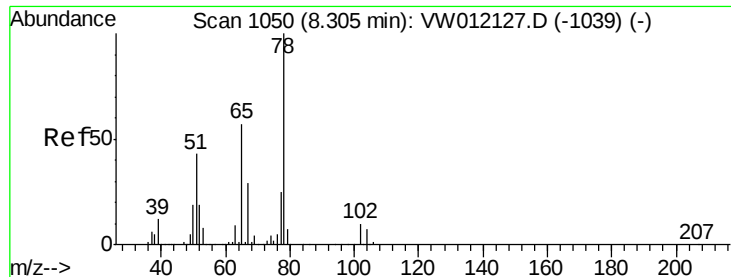
Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

84 74.2 60.6 90.8

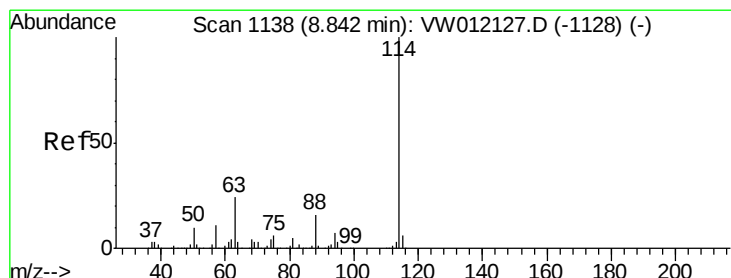
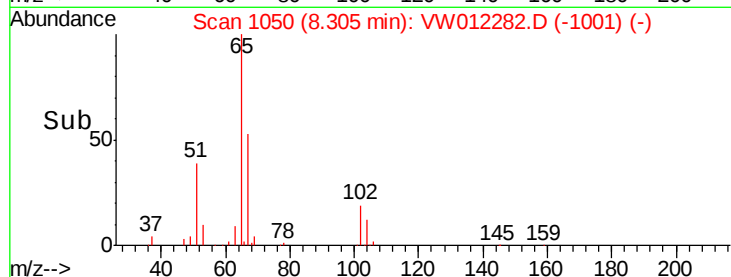
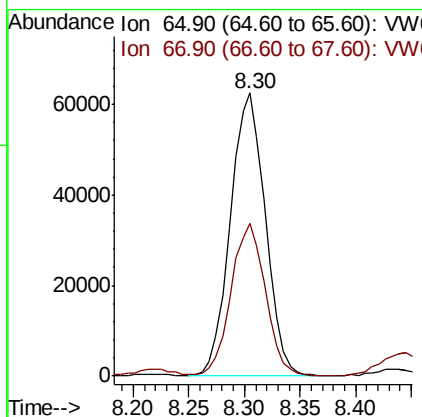
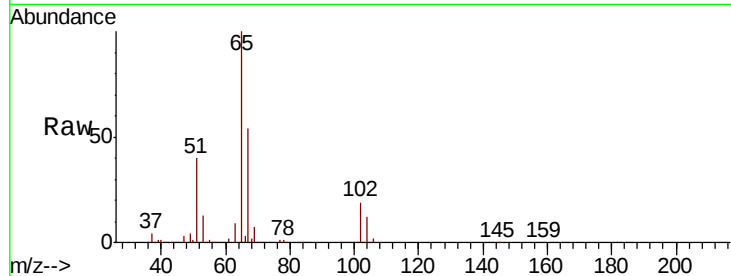




#33
 1,2-Dichloroethane-d4
 Concen: 49.257 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

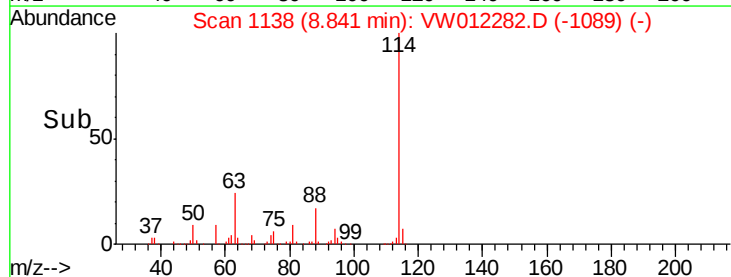
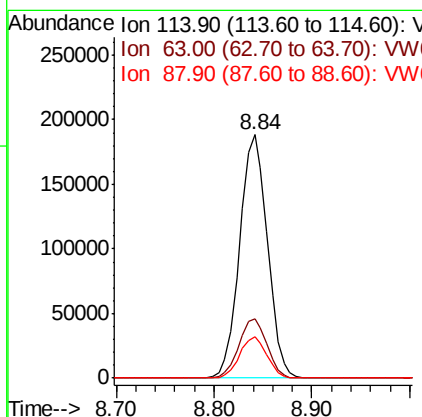
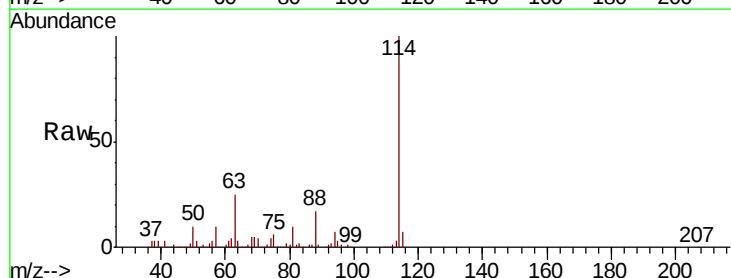
Instrument :
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 BOTTOM-4

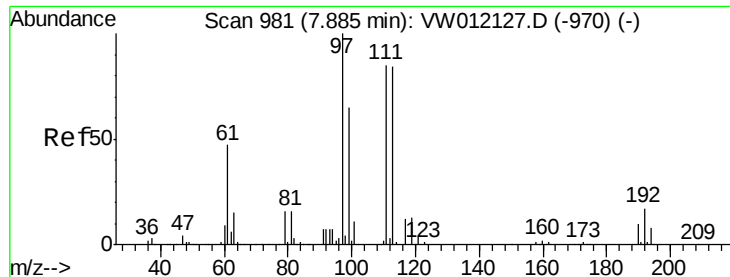
Tgt Ion: 65 Resp: 135175
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion: 114 Resp: 370574
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 17.1 0.0 32.2

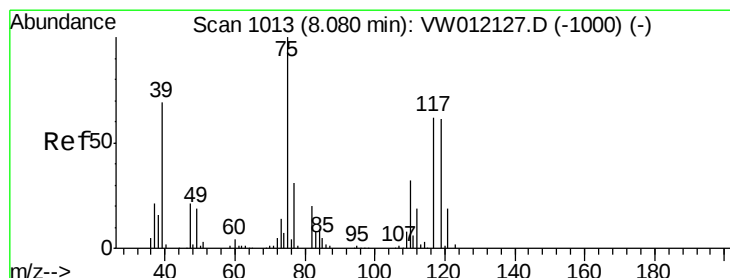
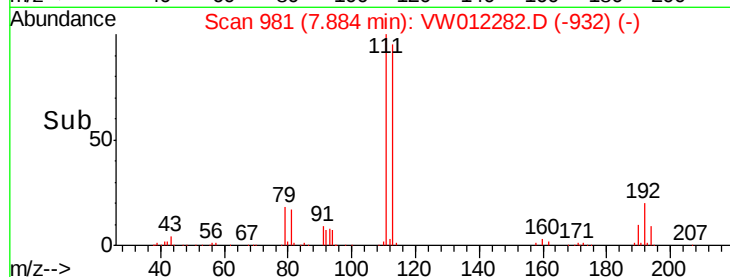
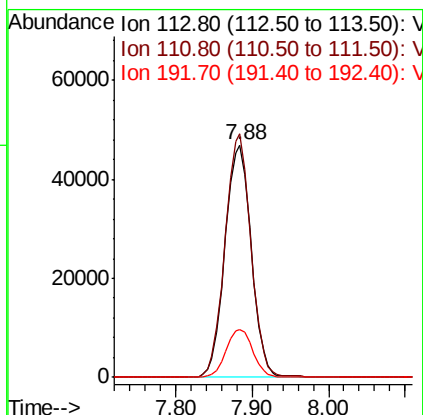
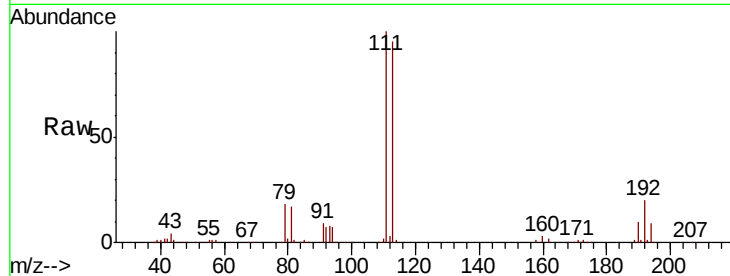




#35
 Dibromofluoromethane
 Concen: 50.509 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

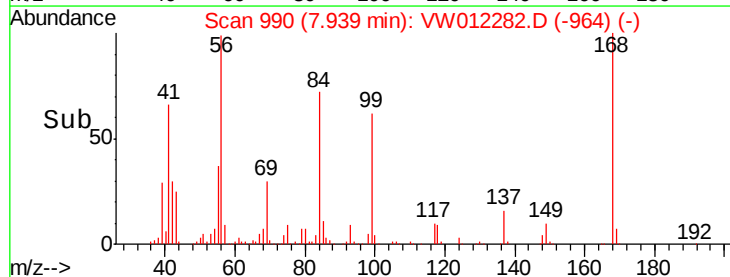
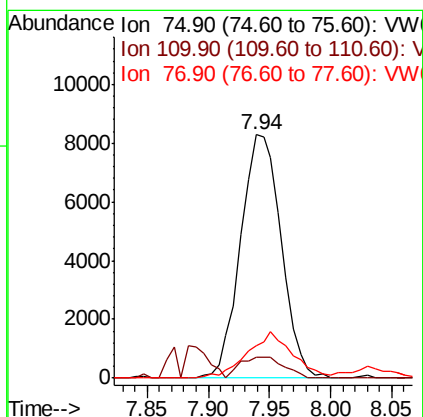
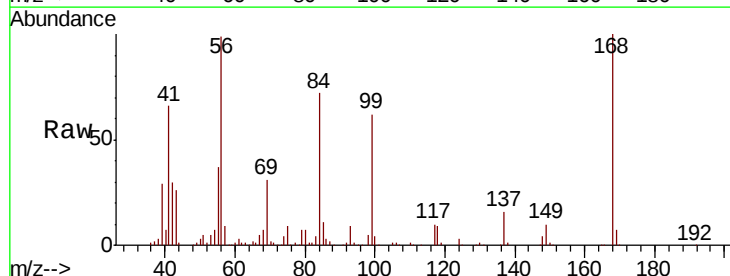
Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-4

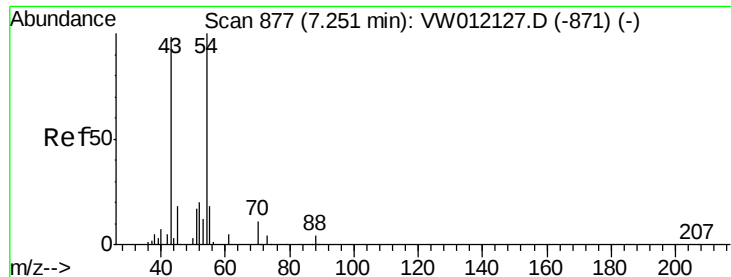
Tgt Ion:113 Resp: 111724
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion: 75 Resp: 19153
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.6 46.8#
 77 21.1 24.6 36.8#

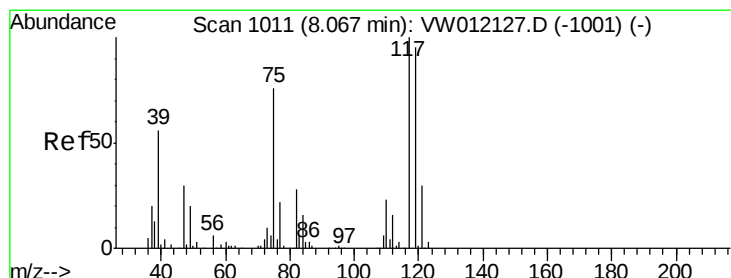
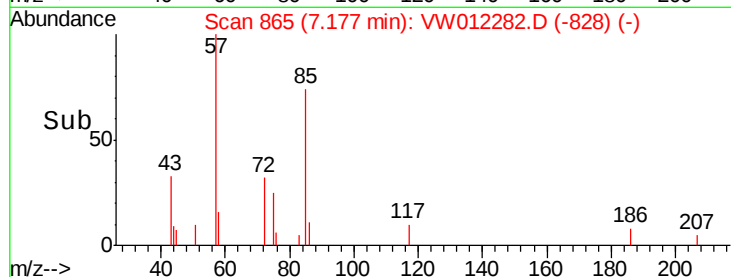
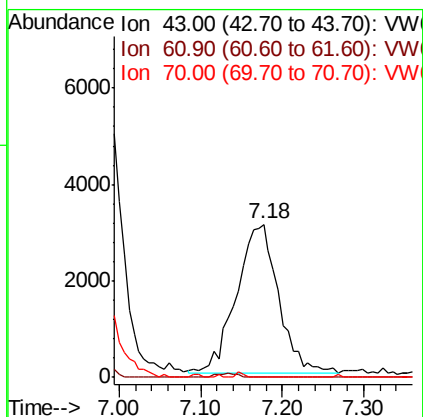
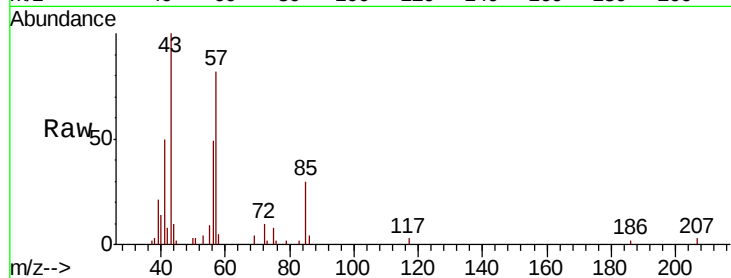




#37
Ethyl Acetate
Concen: 5.225 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

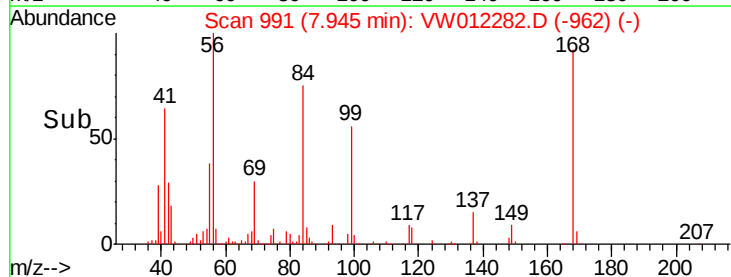
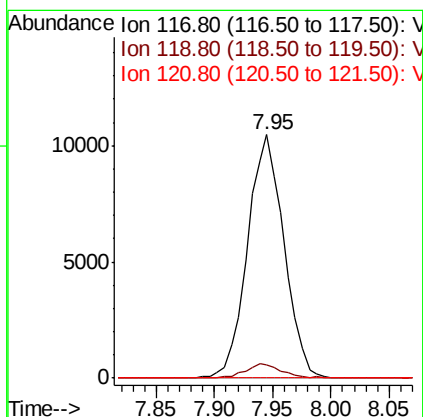
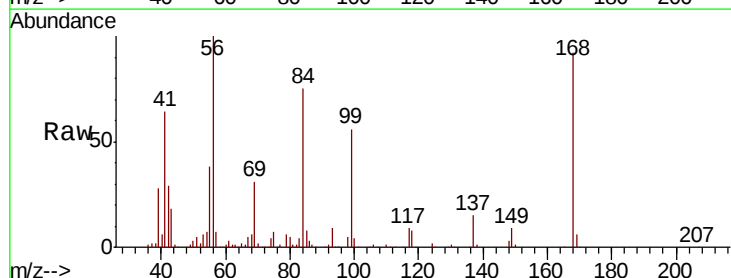
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

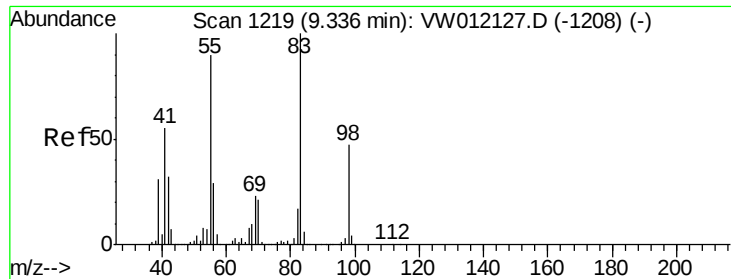
Tgt Ion: 43 Resp: 10965
Ion Ratio Lower Upper
43 100
61 0.0 9.2 13.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 6.883 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion: 117 Resp: 22813
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 23.8 35.8#



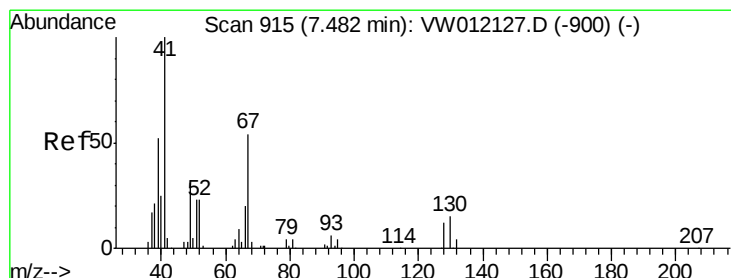
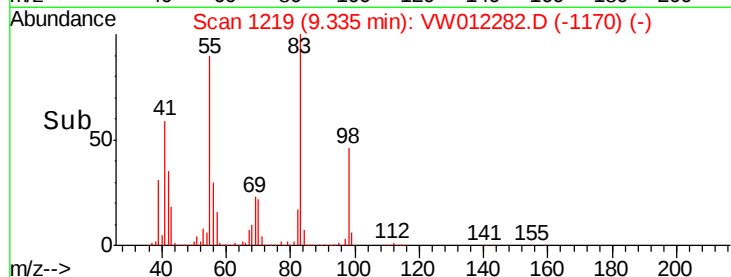
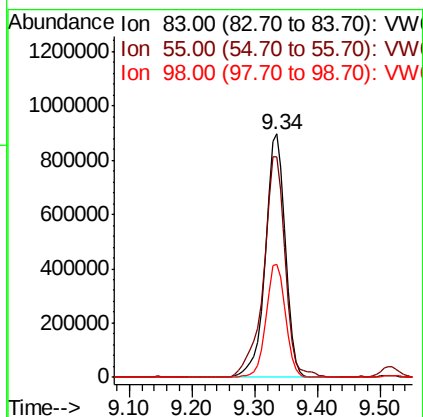
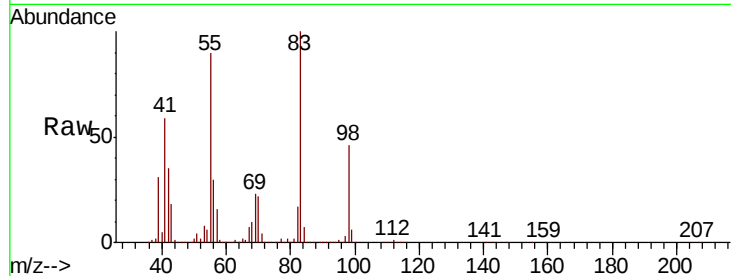


#39
Methylcyclohexane
Concen: 454.498 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

Tgt Ion: 83 Resp: 1955289

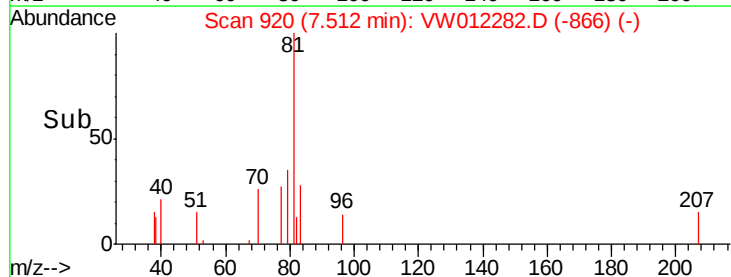
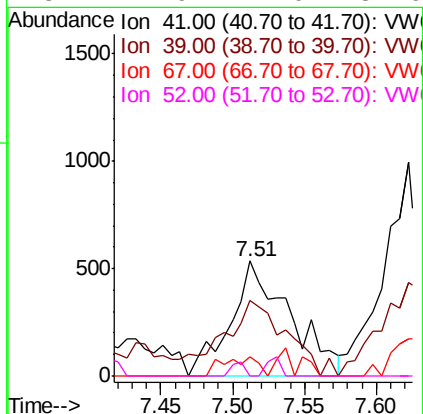
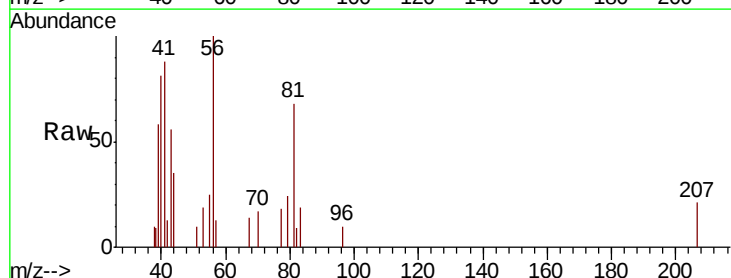
Ion	Ratio	Lower	Upper
83	100		
55	90.3	71.8	107.8
98	46.4	37.8	56.8

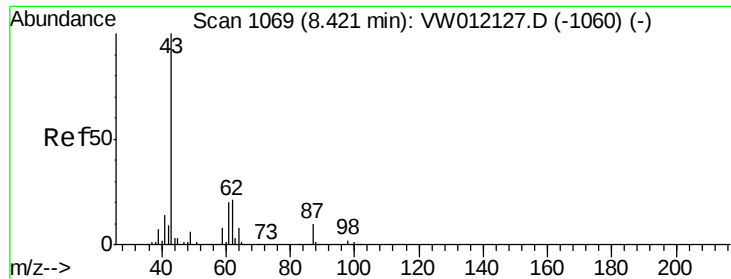


#41
Methacrylonitrile
Concen: 1.236 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.03 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion: 41 Resp: 1524

Ion	Ratio	Lower	Upper
41	100		
39	69.6	45.8	68.8#
67	9.7	46.2	69.4#
52	2.9	21.0	31.6#





#43

Isopropyl Acetate

Concen: 29.323 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

BOTTOM-4

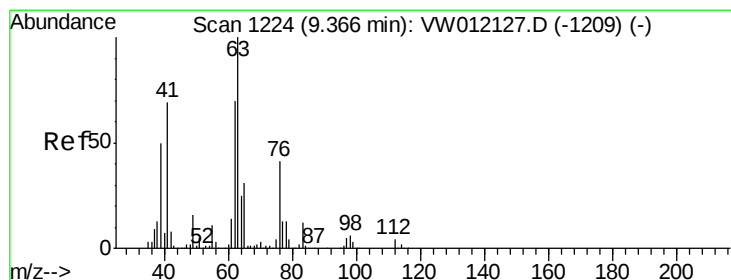
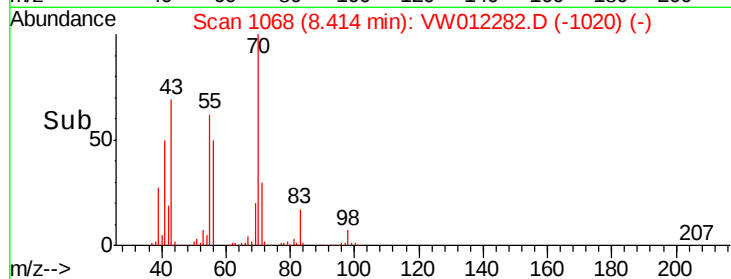
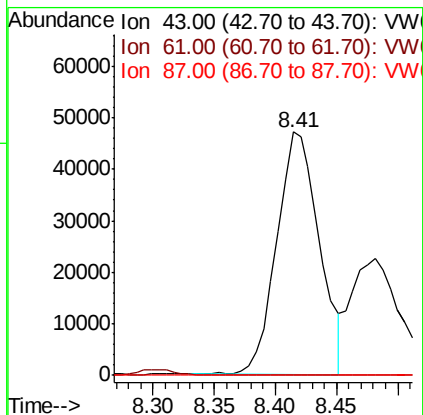
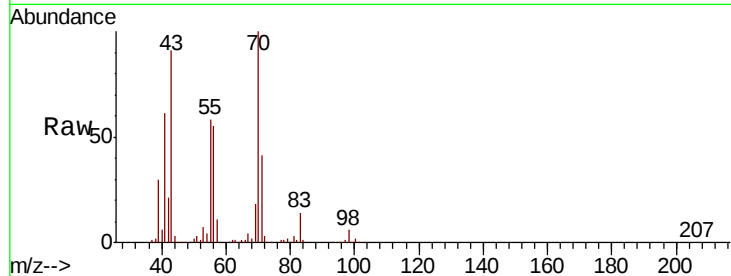
Tgt Ion: 43 Resp: 113981

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 8.2 12.2#



#45

1,2-Dichloropropane

Concen: 7.239 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW012282.D

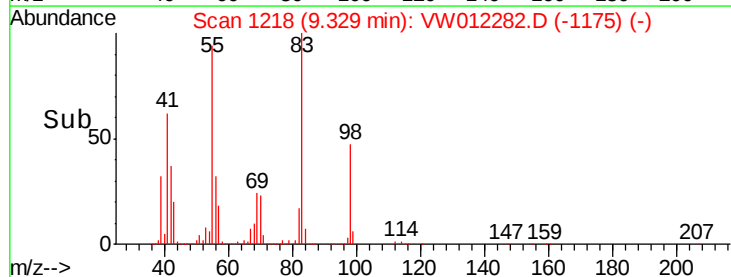
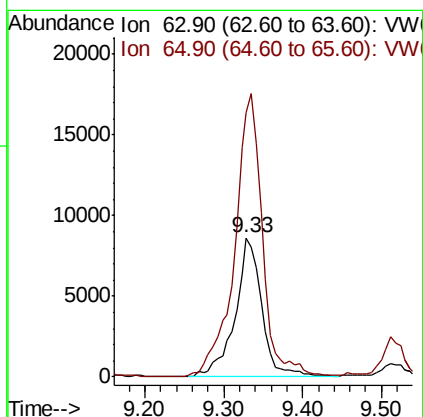
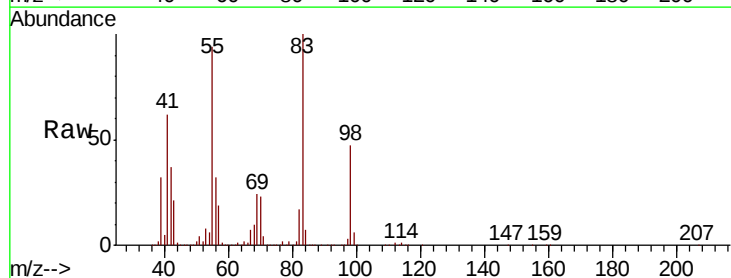
Acq: 29 Aug 2019 05:03

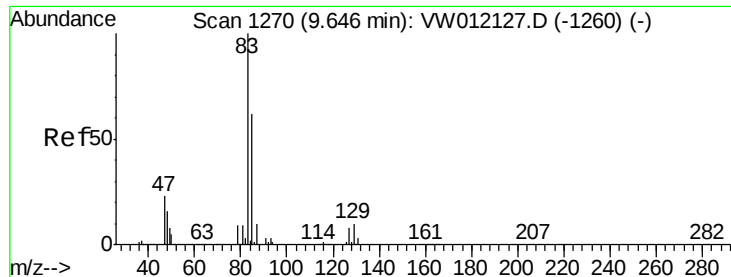
Tgt Ion: 63 Resp: 20371

Ion Ratio Lower Upper

63 100

65 189.2 25.0 37.4#





#47

Bromodichloromethane

Concen: 7.194 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

BOTTOM-4

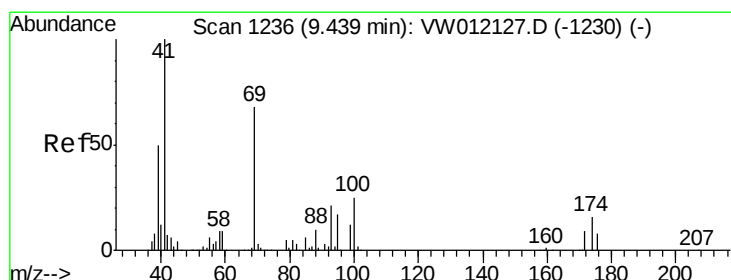
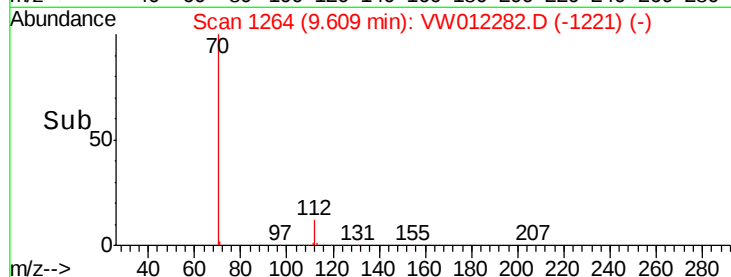
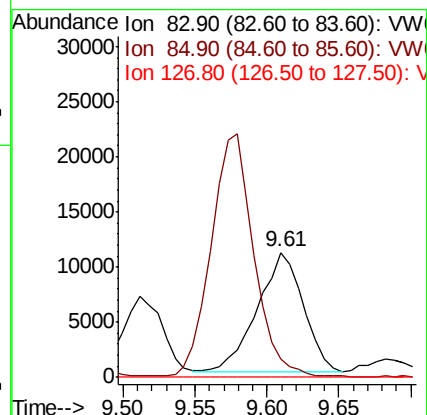
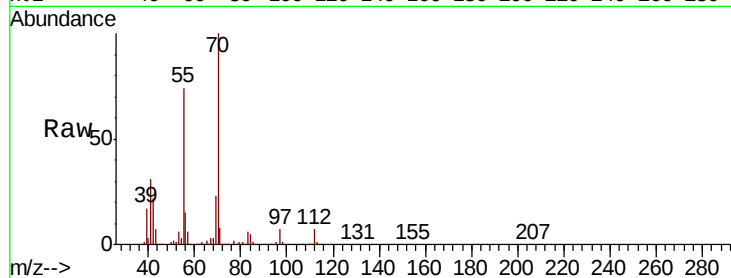
Tgt Ion: 83 Resp: 23973

Ion Ratio Lower Upper

83 100

85 14.0 49.4 74.2#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 60.288 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.06 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

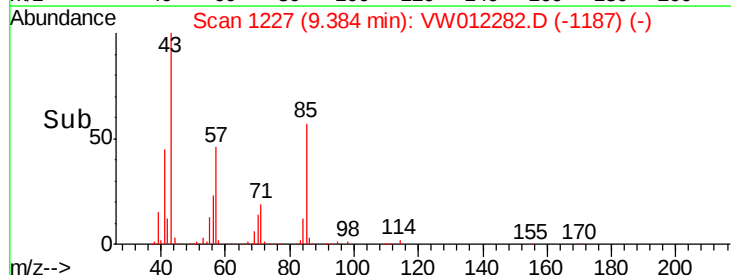
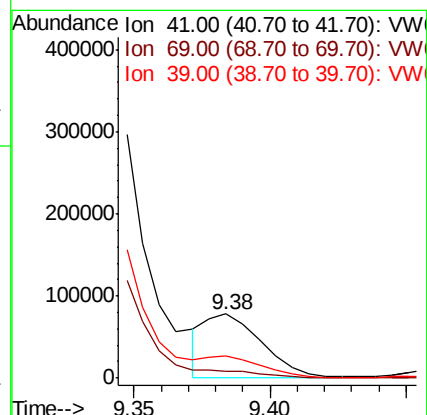
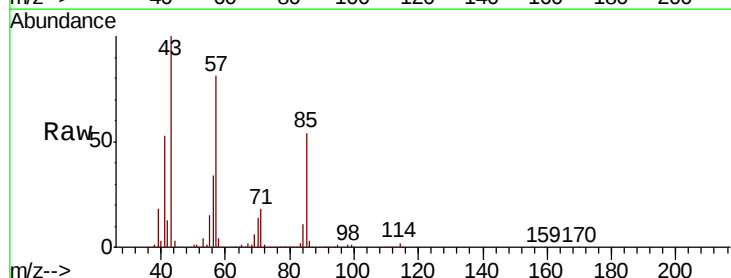
Tgt Ion: 41 Resp: 111535

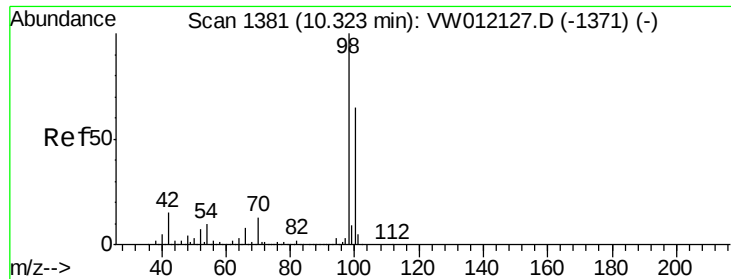
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.0 63.0#

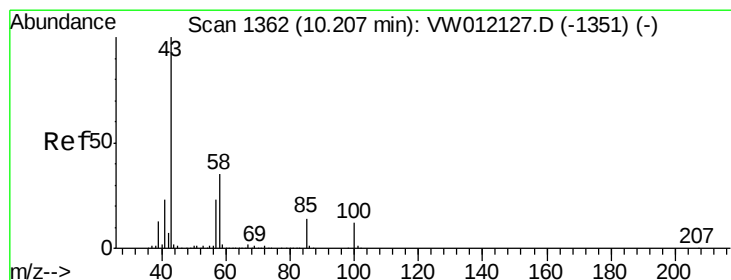
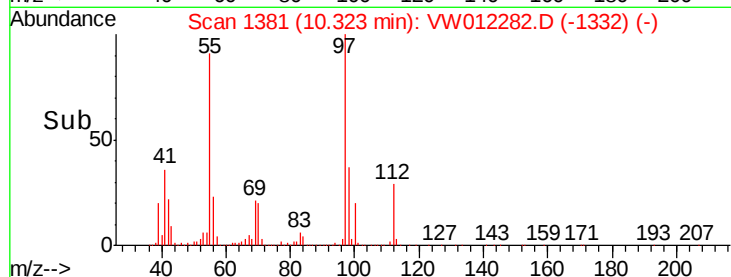
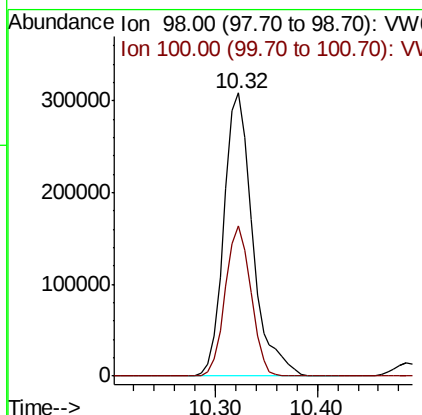
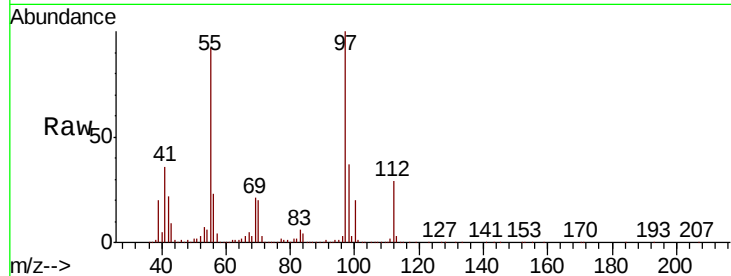




#50
Toluene-d8
Concen: 67.115 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

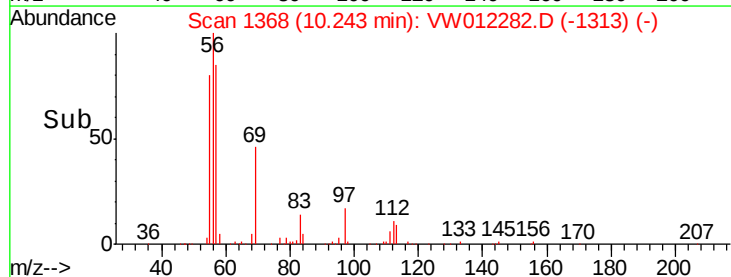
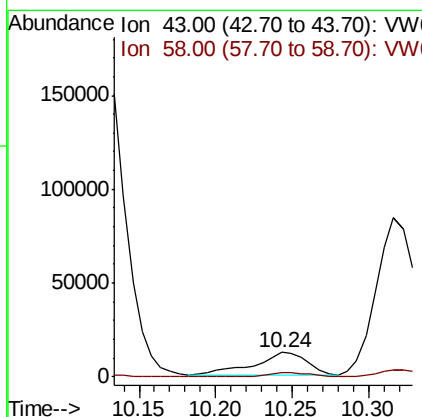
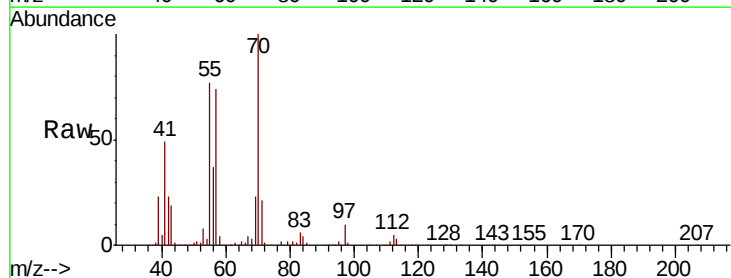
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

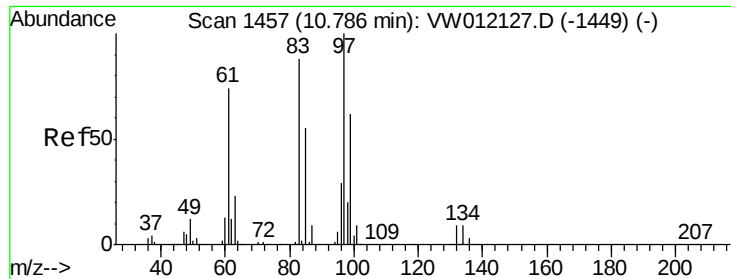
Tgt Ion: 98 Resp: 601947
Ion Ratio Lower Upper
98 100
100 47.3 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 14.319 ug/l
RT: 10.24 min Scan# 1368
Delta R.T. 0.04 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion: 43 Resp: 28309
Ion Ratio Lower Upper
43 100
58 17.0 28.2 42.2#

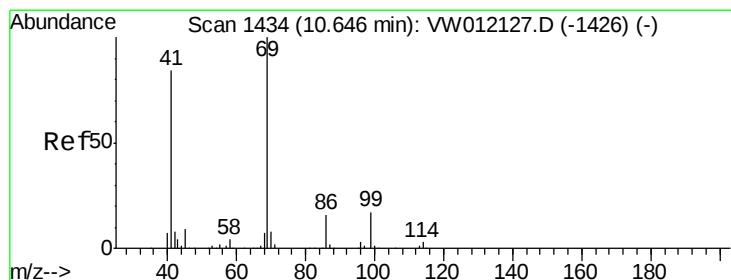
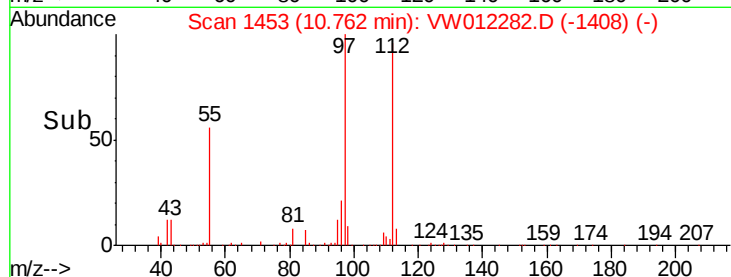
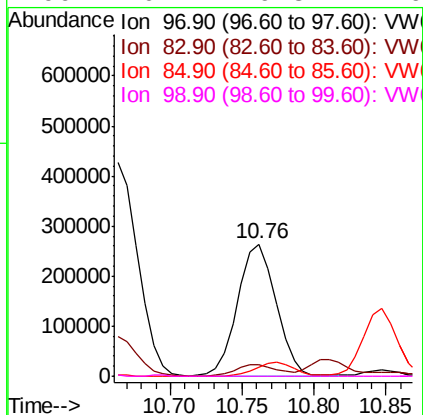
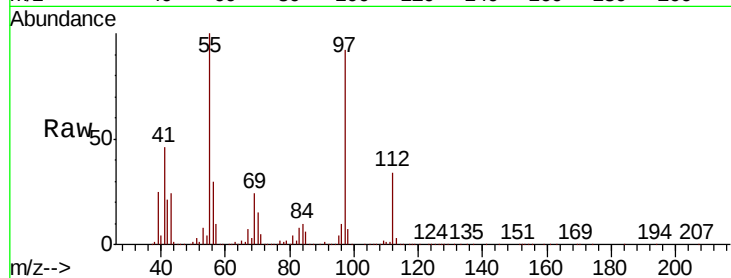




#55
 1,1,2-Trichloroethane
 Concen: 276.603 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

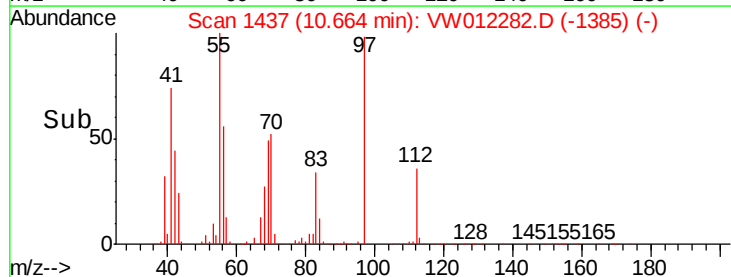
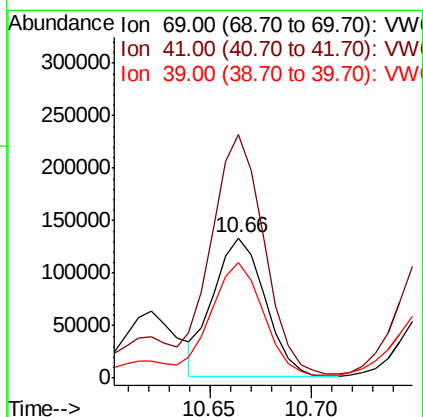
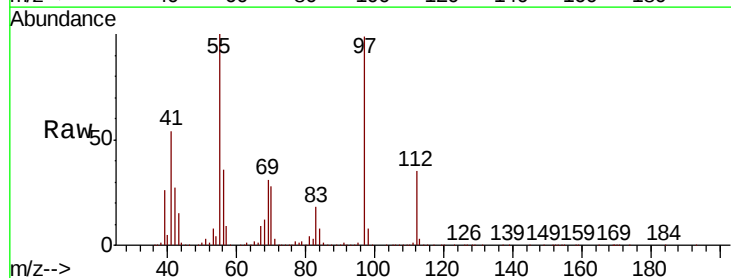
Instrument :
 MSVOA_W
 ClientSampled :
 BOTTOM-4

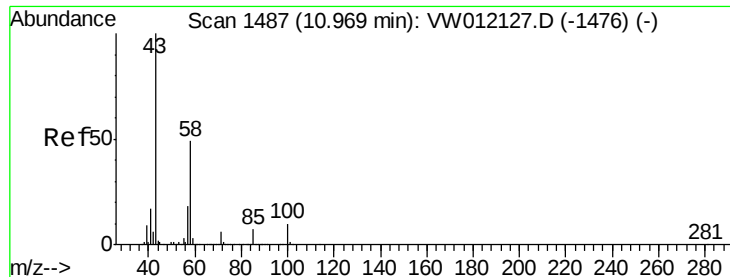
Tgt Ion:	97	Resp:	490023
Ion	Ratio	Lower	Upper
97	100		
83	8.7	70.8	106.2#
85	6.7	43.8	65.8#
99	0.2	49.8	74.6#



#56
 Ethyl methacrylate
 Concen: 89.257 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion:	69	Resp:	230137
Ion	Ratio	Lower	Upper
69	100		
41	177.2	66.5	99.7#
39	83.0	31.0	46.4#

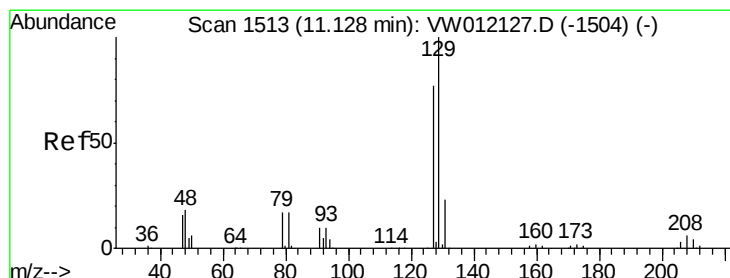
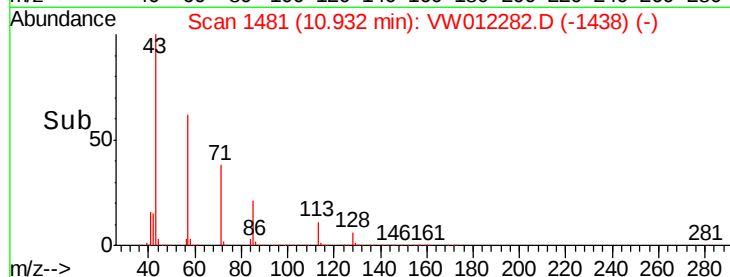
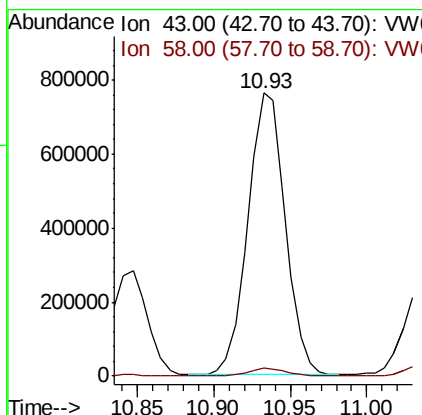
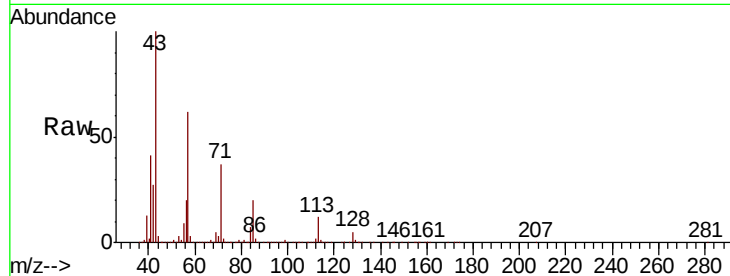




#59
2-Hexanone
Concen: 923.121 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

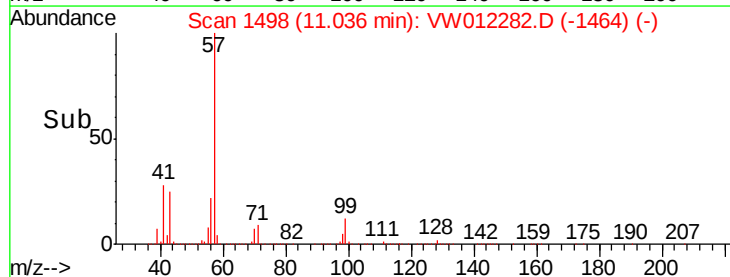
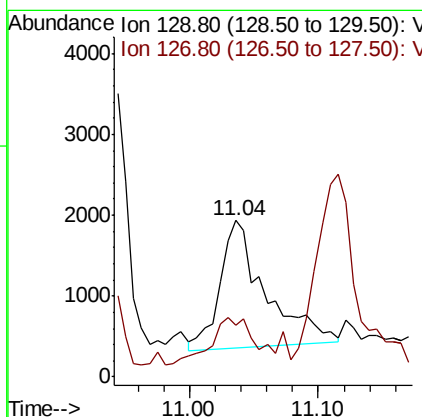
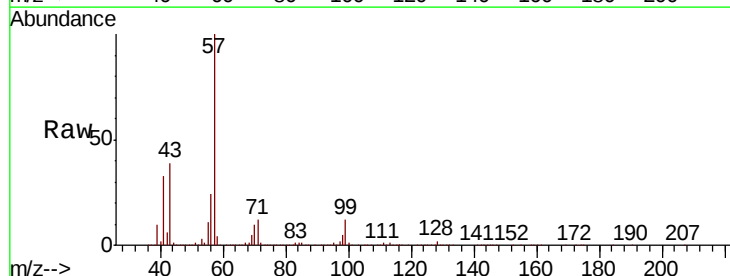
Instrument :
MSVOA_W
ClientSampled :
BOTTOM-4

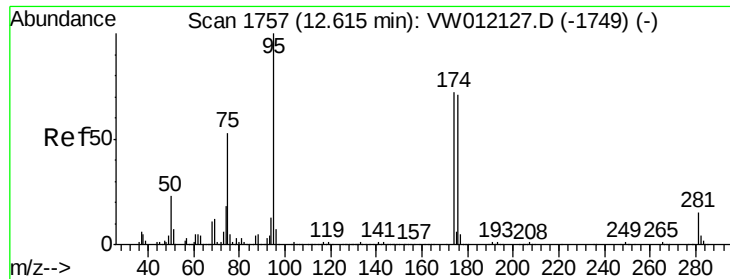
Tgt Ion: 43 Resp: 1291360
Ion Ratio Lower Upper
43 100
58 2.9 24.3 72.9#



#60
Dibromochloromethane
Concen: 1.970 ug/l
RT: 11.04 min Scan# 1498
Delta R.T. -0.09 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion: 129 Resp: 3887
Ion Ratio Lower Upper
129 100
127 33.6 38.6 115.8#

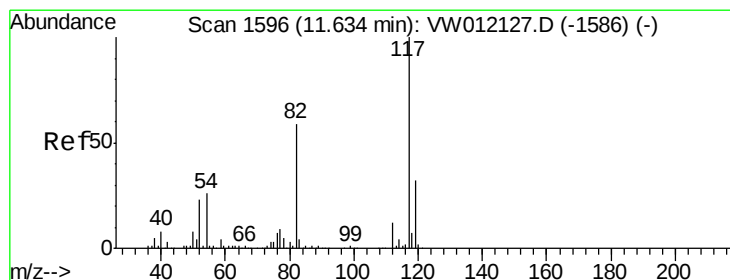
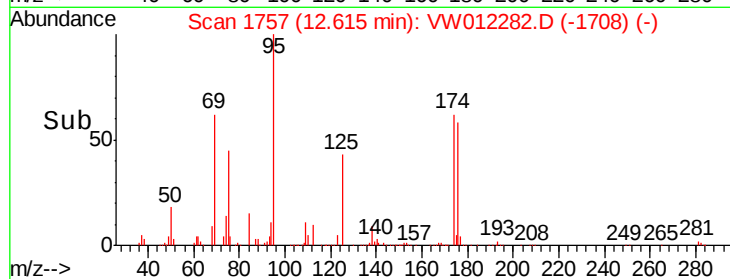
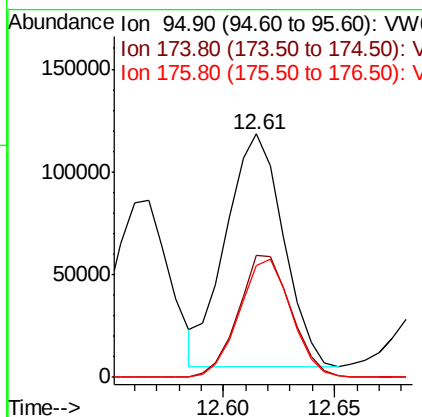
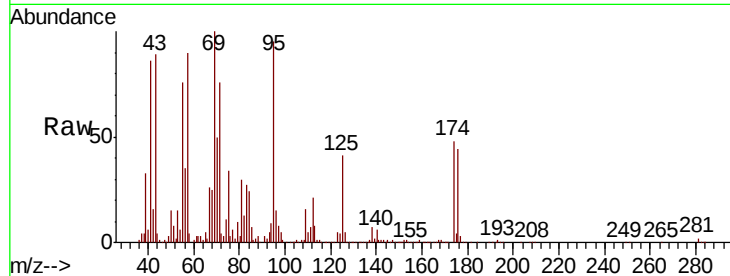




#62
4-Bromofluorobenzene
Concen: 63.909 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

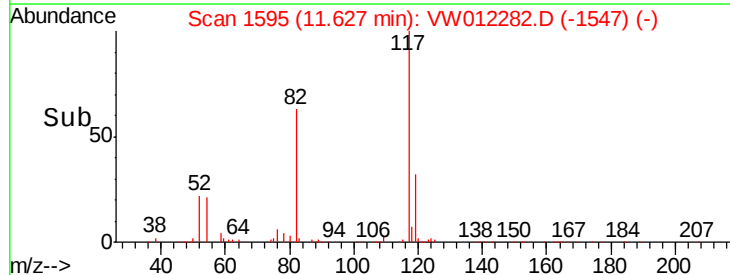
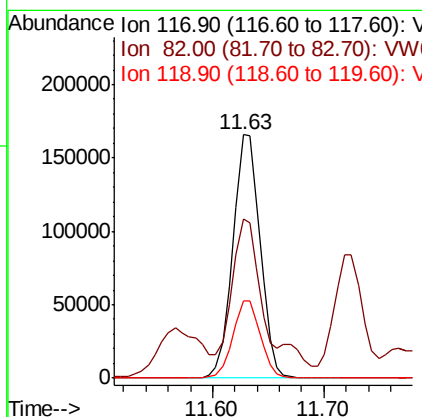
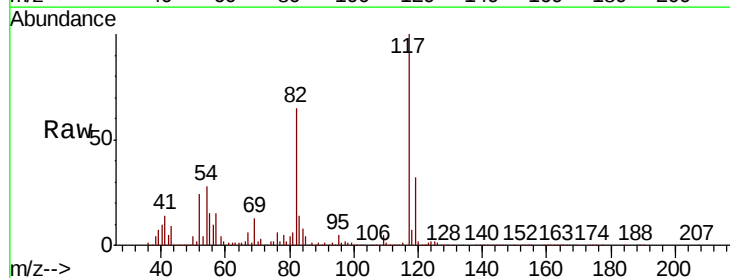
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

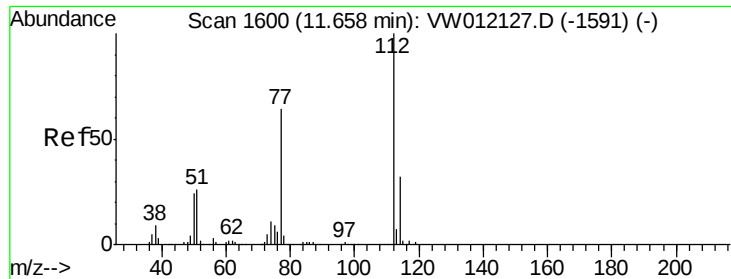
Tgt Ion	Ratio	Lower	Upper
95	100		
174	48.6	0.0	150.8
176	46.5	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.6	47.4	71.2
119	31.9	25.4	38.2

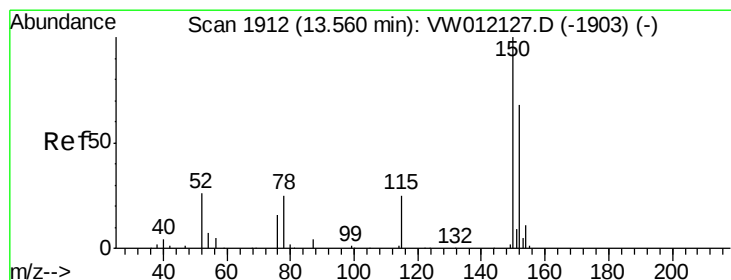
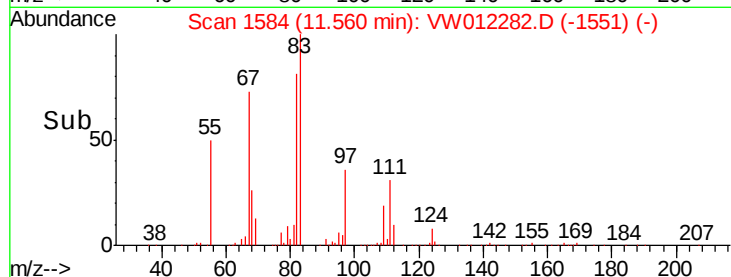
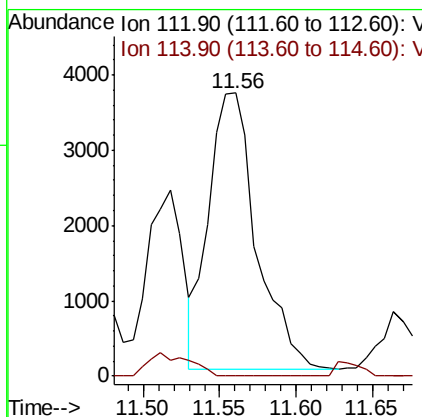
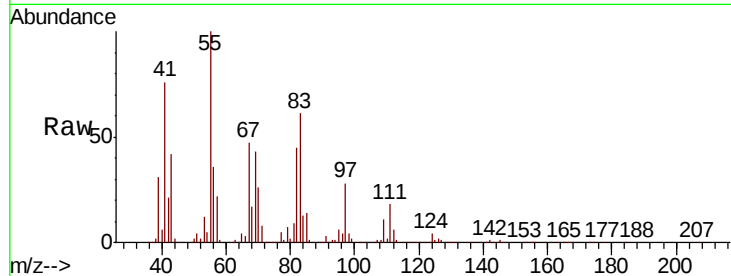




#65
Chlorobenzene
Concen: 1.446 ug/l
RT: 11.56 min Scan# 1584
Delta R.T. -0.10 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

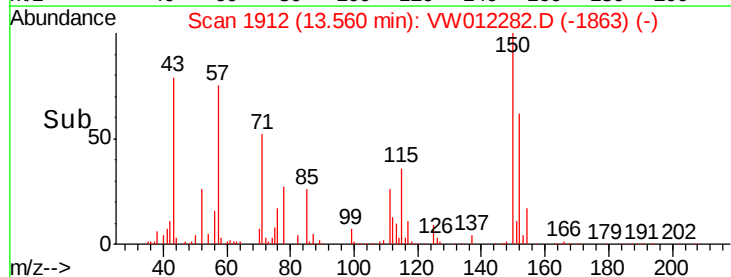
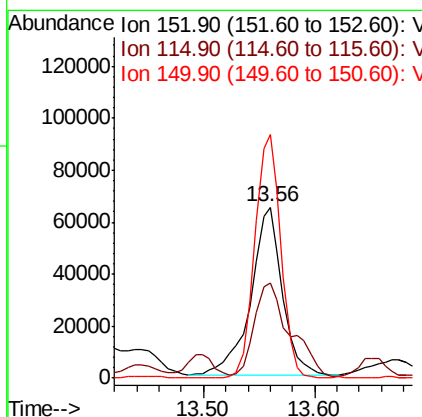
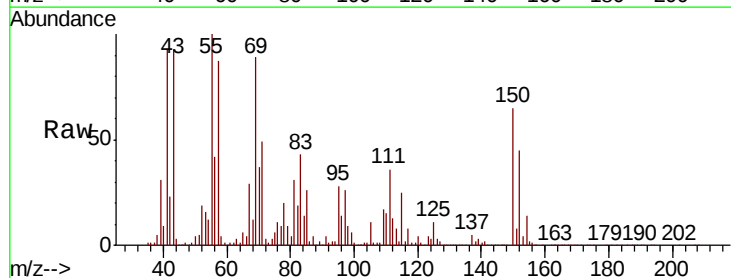
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

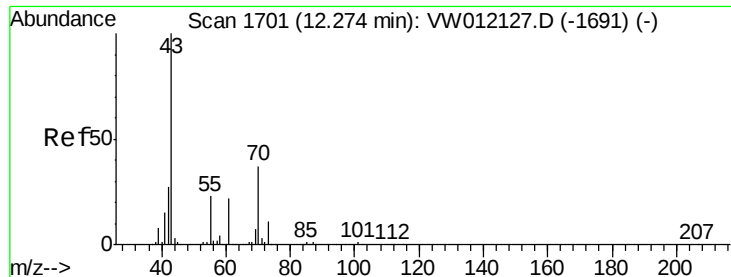
Tgt Ion:112 Resp: 7979
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion:152 Resp: 128307
Ion Ratio Lower Upper
152 100
115 62.7 30.1 90.3
150 118.0 0.0 345.8





#74

N-amyI acetate

Concen: 384.960 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-4

Tgt Ion: 43 Resp: 1118203

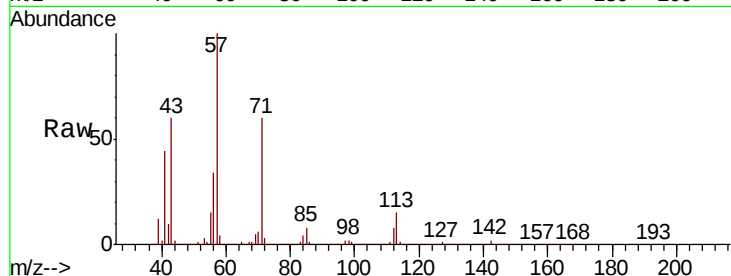
Ion Ratio Lower Upper

43 100

70 15.8 28.6 43.0#

55 0.0 17.8 26.6#

61 0.0 17.3 25.9#

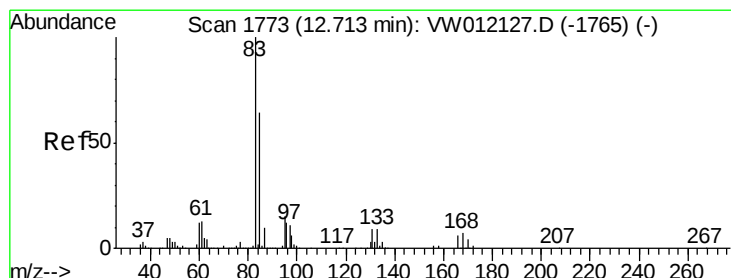
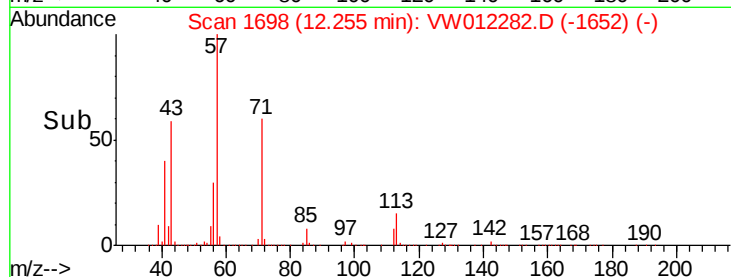
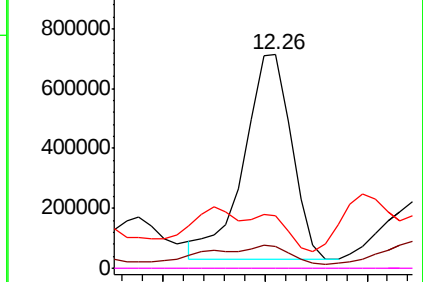


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 31.161 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

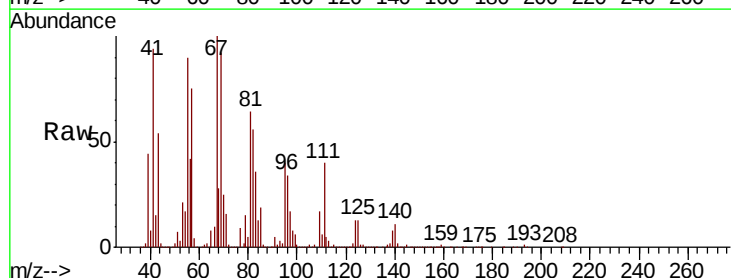
Tgt Ion: 83 Resp: 54924

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

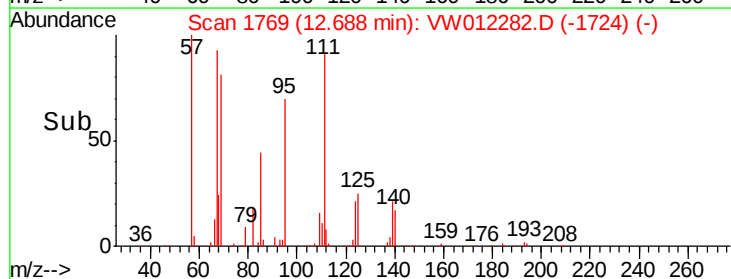
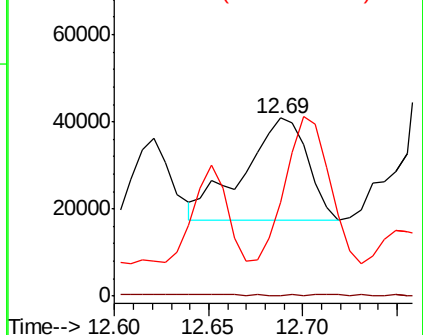
85 98.3 31.9 95.7#

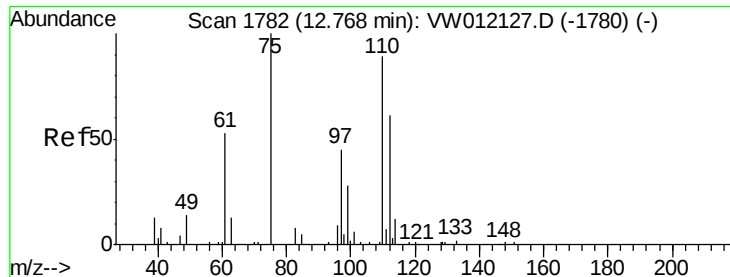


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 2.087 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. 0.11 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

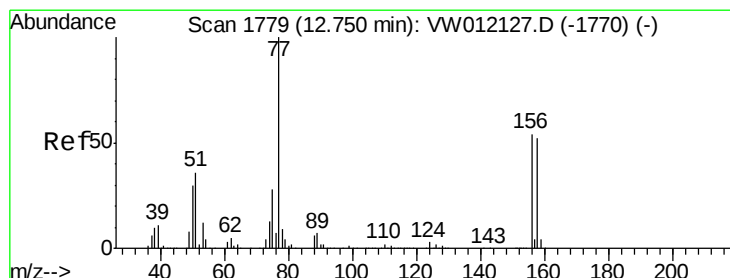
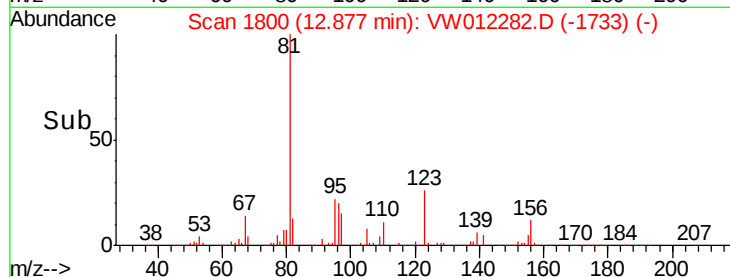
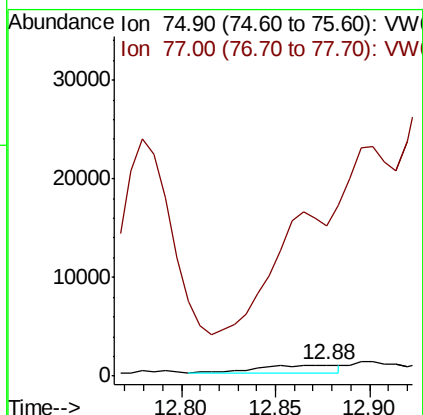
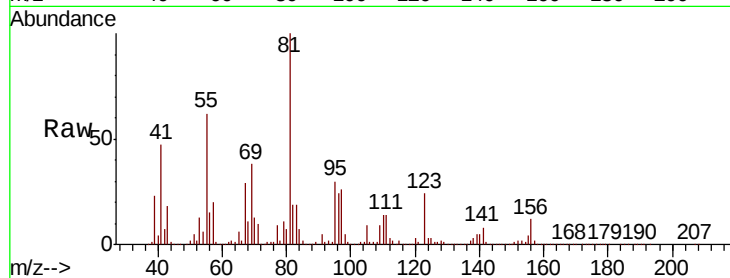
BOTTOM-4

Tgt Ion: 75 Resp: 2608

Ion Ratio Lower Upper

75 100

77 967.9 0.0 0.0#



#77

Bromobenzene

Concen: 67.722 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.12 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

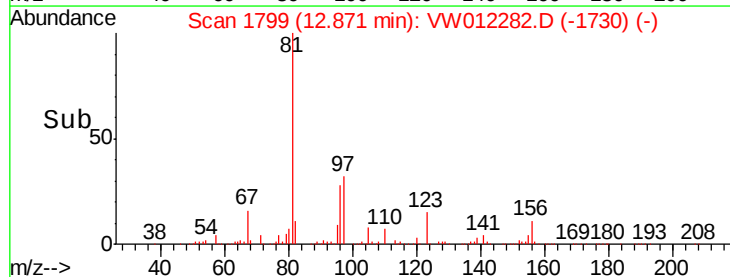
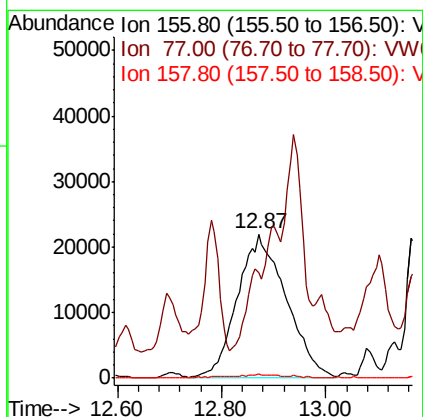
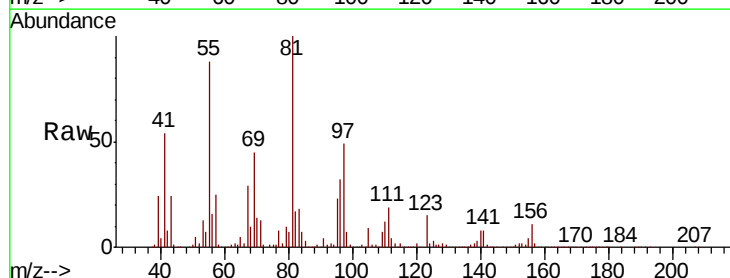
Tgt Ion: 156 Resp: 140858

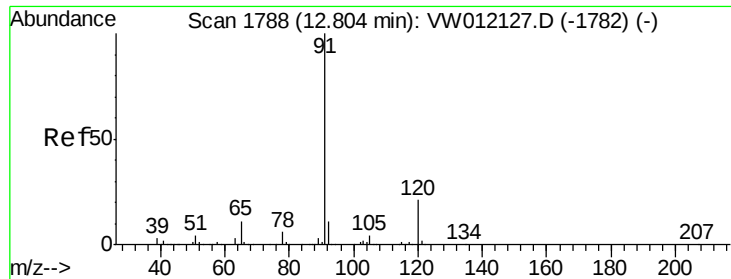
Ion Ratio Lower Upper

156 100

77 17.9 107.3 321.8#

158 0.6 49.0 147.0#

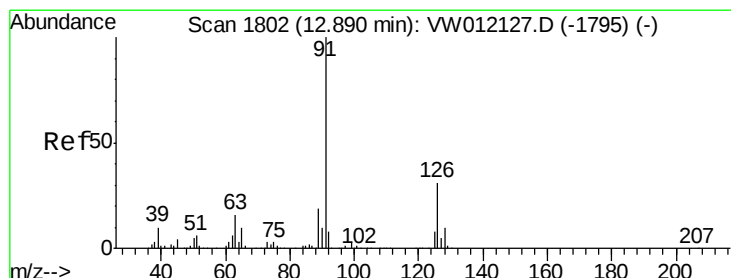
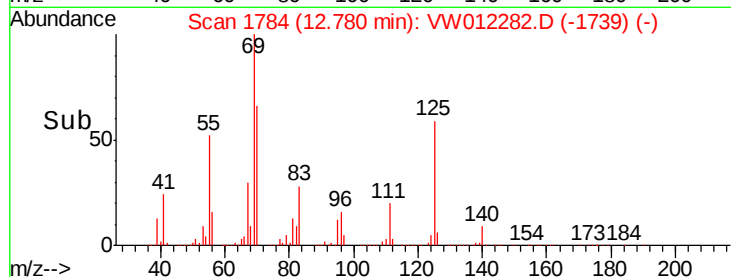
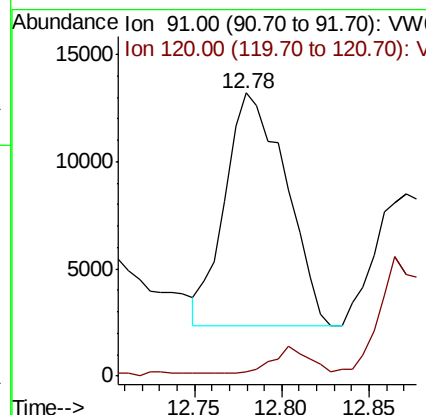
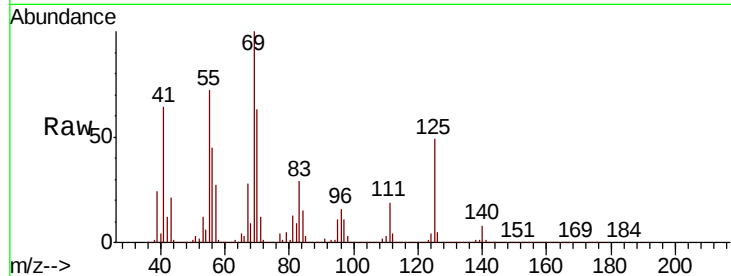




#78
n-propylbenzene
Concen: 2.237 ug/l
RT: 12.78 min Scan# 1784
Delta R.T. -0.02 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

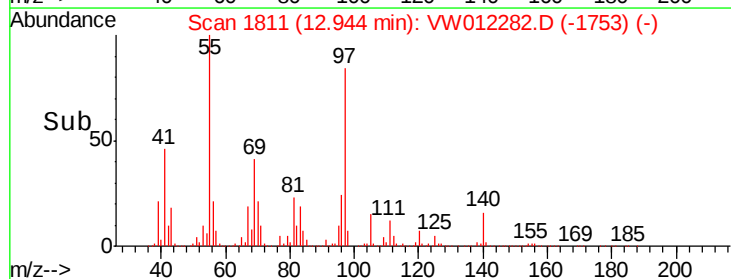
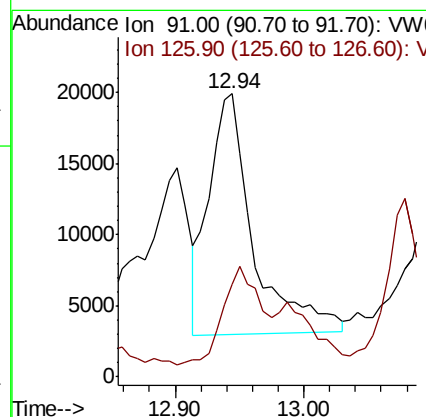
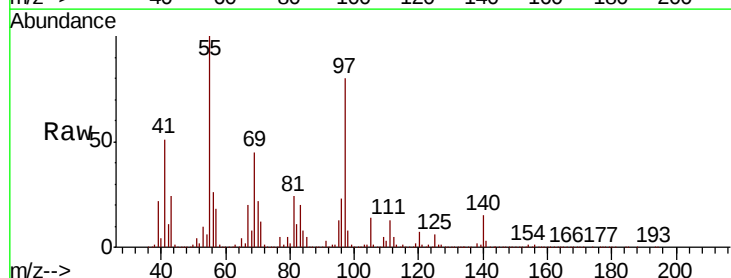
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

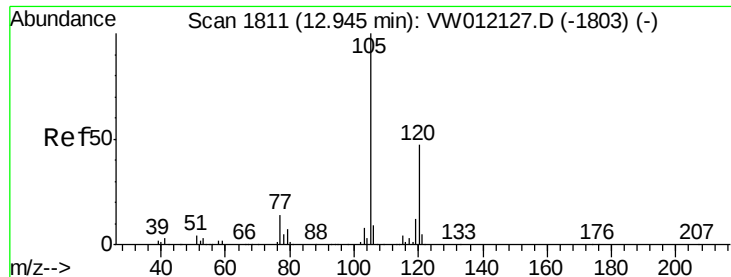
Tgt Ion: 91 Resp: 26252
Ion Ratio Lower Upper
91 100
120 0.0 10.5 31.6#



#79
2-Chlorotoluene
Concen: 6.117 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.05 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion: 91 Resp: 40763
Ion Ratio Lower Upper
91 100
126 34.8 15.7 47.0

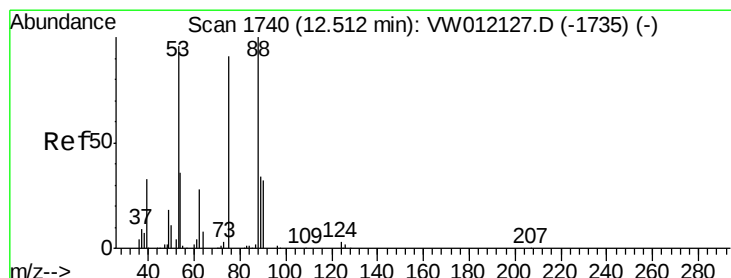
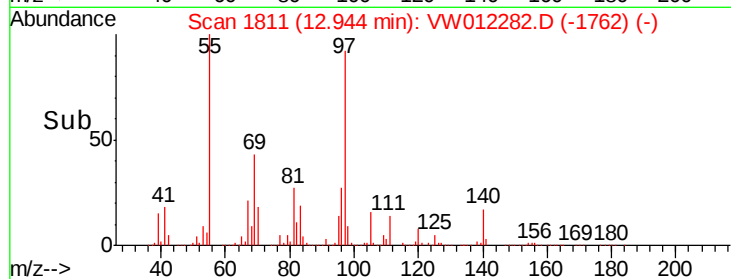
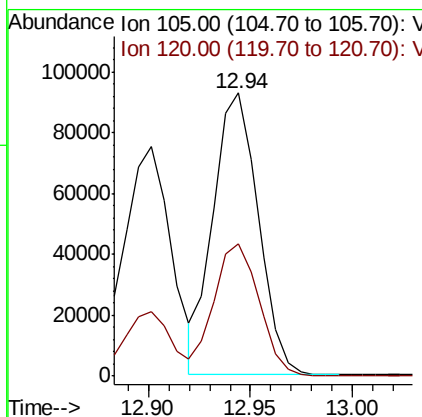
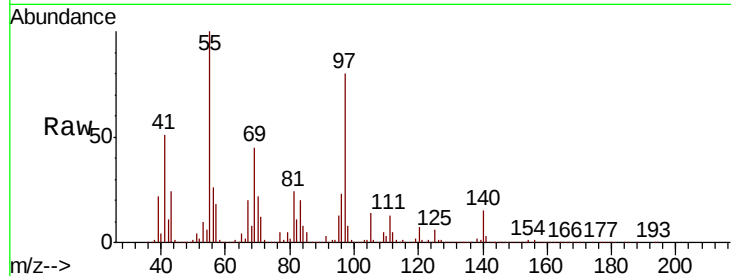




#80
 1,3,5-Trimethylbenzene
 Concen: 17.635 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

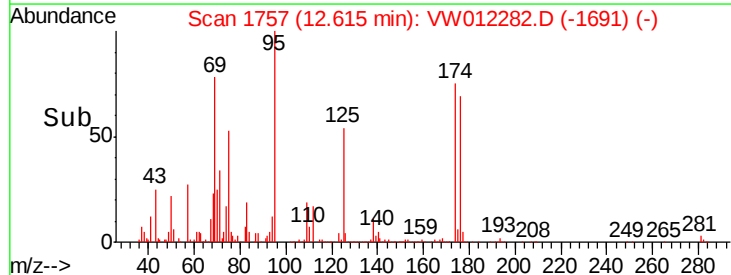
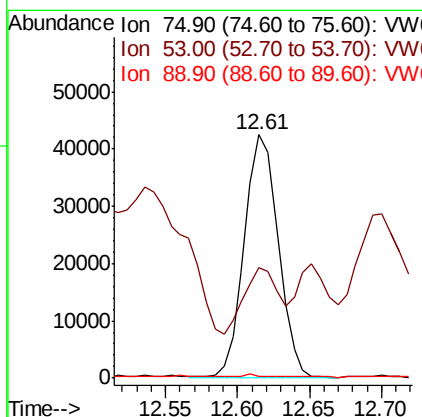
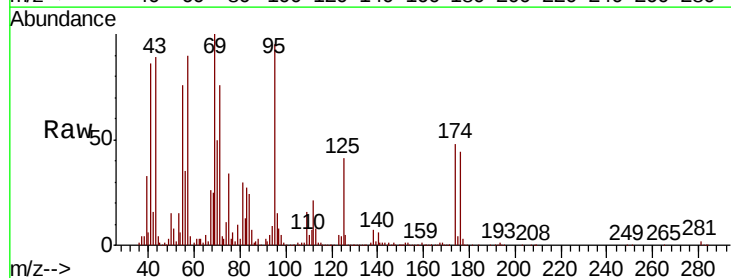
Instrument :
 MSVOA_W
 ClientSampled :
 BOTTOM-4

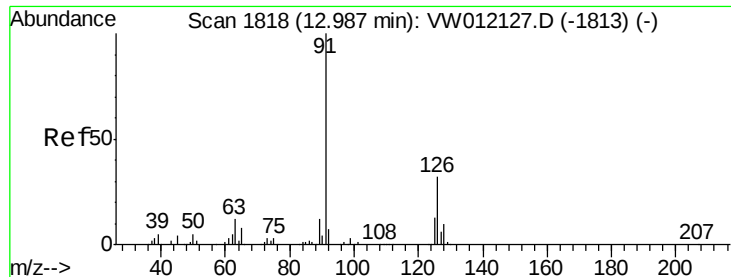
Tgt Ion:105 Resp: 141673
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.686 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion: 75 Resp: 69354
 Ion Ratio Lower Upper
 75 100
 53 27.4 89.4 134.0#
 89 0.5 34.5 51.7#





#82

4-Chlorotoluene

Concen: 5.725 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

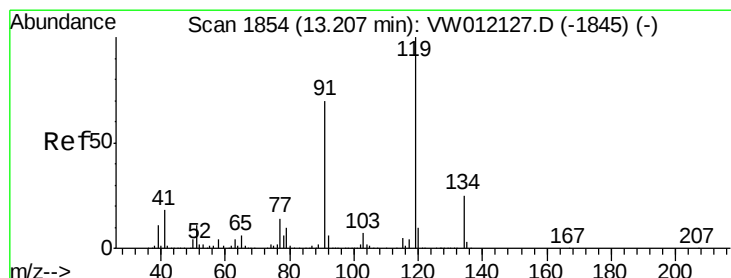
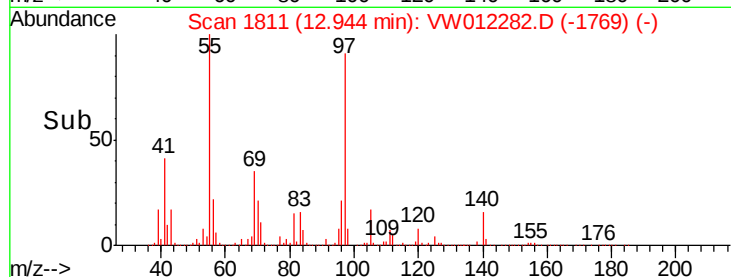
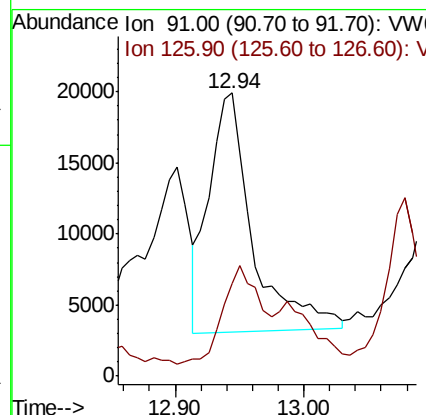
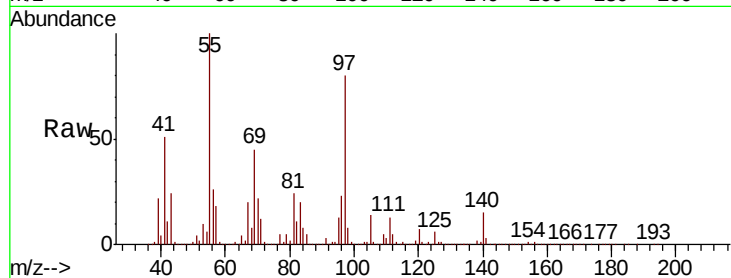
BOTTOM-4

Tgt Ion: 91 Resp: 39943

Ion Ratio Lower Upper

91 100

126 35.5 15.6 46.8



#83

tert-Butylbenzene

Concen: 4.977 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

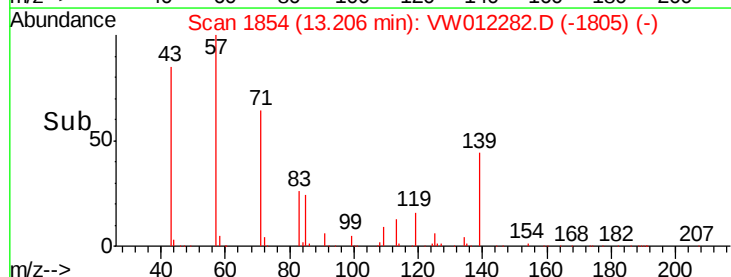
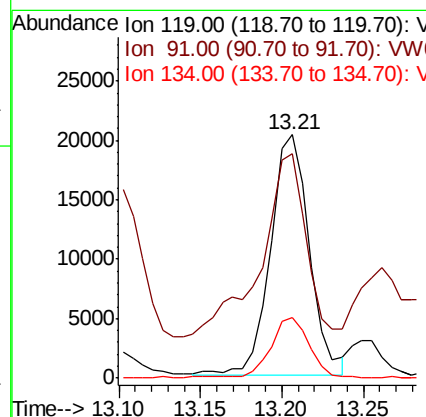
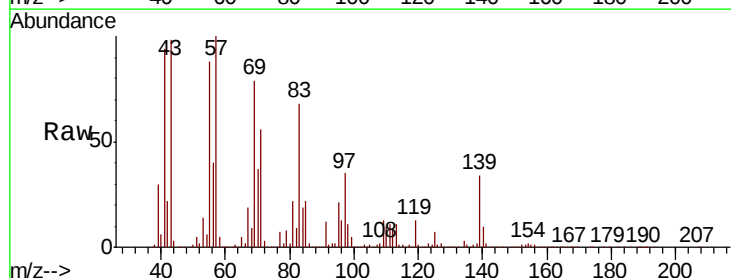
Tgt Ion: 119 Resp: 33866

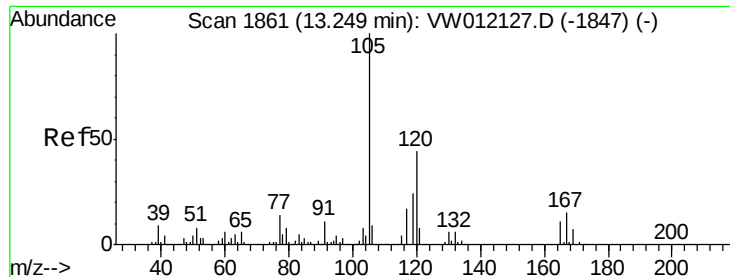
Ion Ratio Lower Upper

119 100

91 87.1 34.8 104.3

134 23.6 13.3 39.8

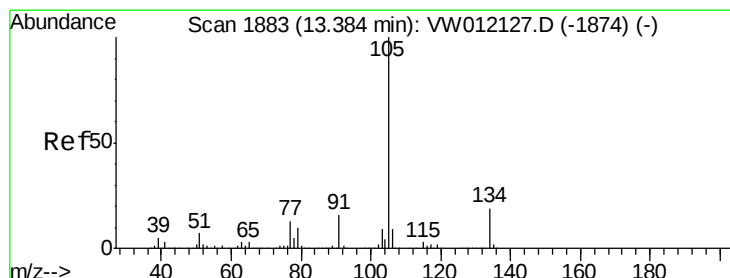
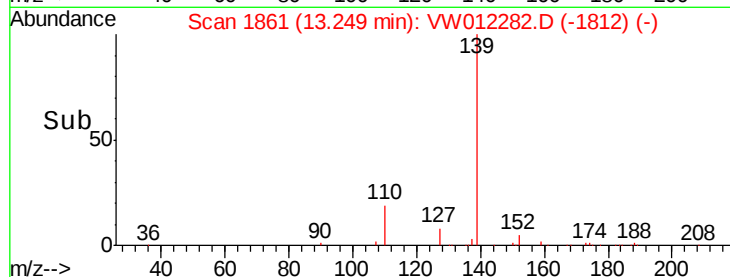
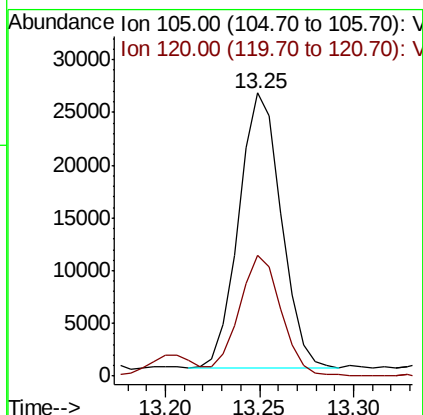
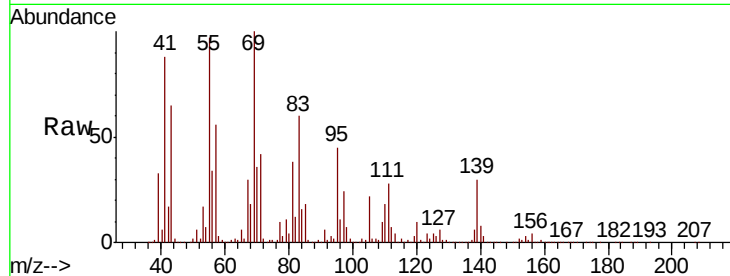




#84
 1,2,4-Trimethylbenzene
 Concen: 5.046 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

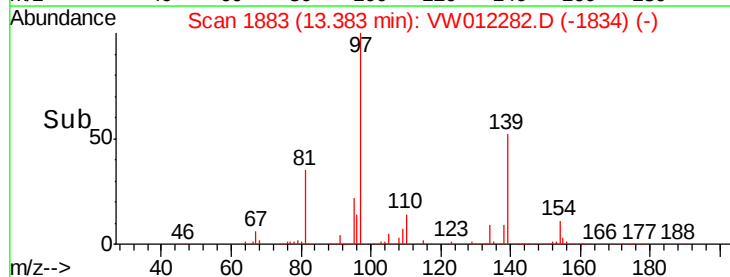
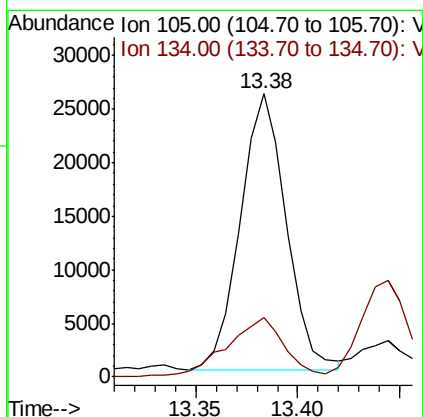
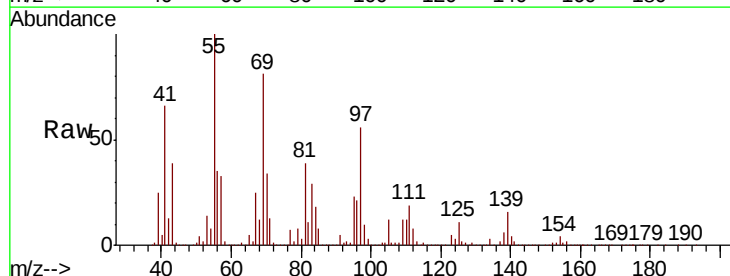
Instrument :
 MSVOA_W
 ClientSampled :
 BOTTOM-4

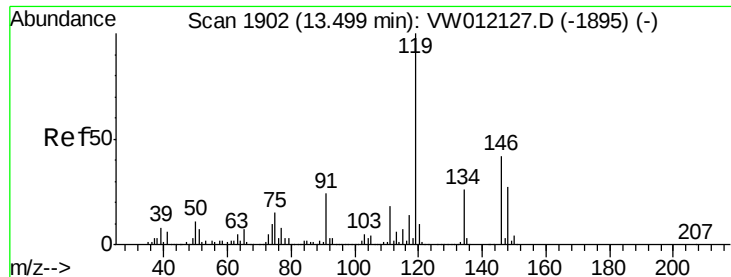
Tgt Ion:105 Resp: 40722
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 4.153 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion:105 Resp: 40488
 Ion Ratio Lower Upper
 105 100
 134 26.3 9.8 29.4

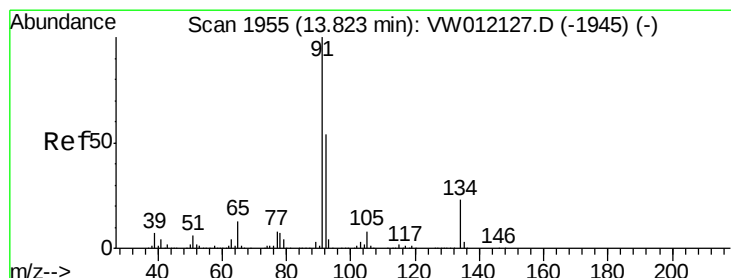
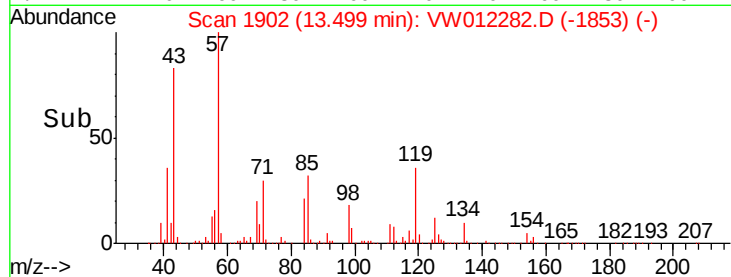
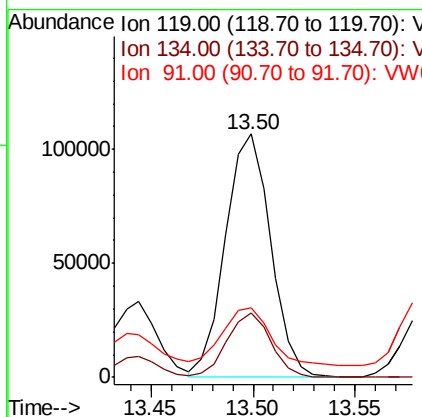
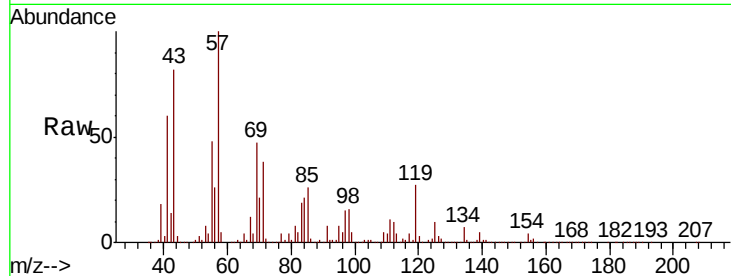




#86
p-Isopropyltoluene
Concen: 18.722 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

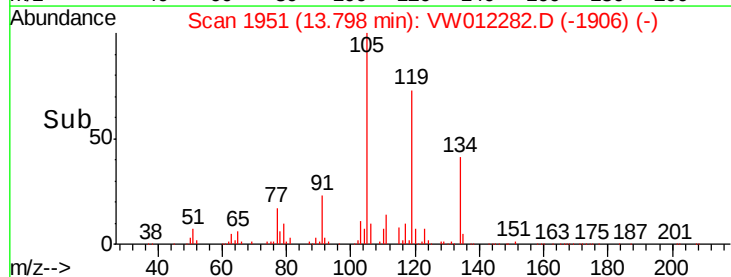
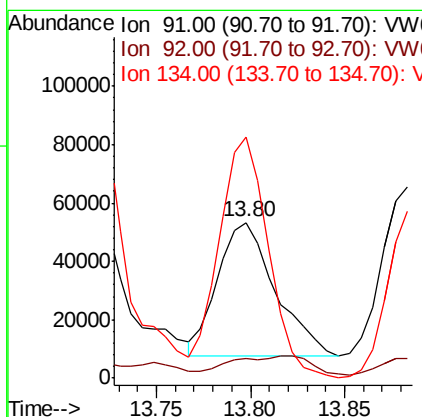
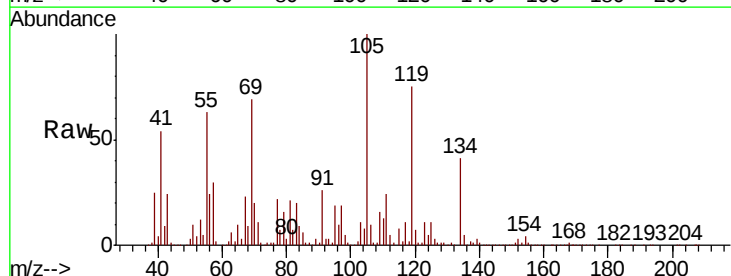
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-4

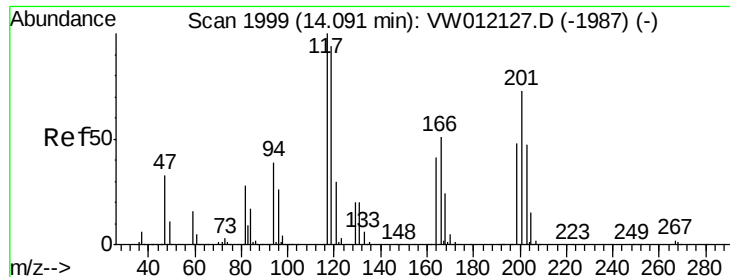
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	25.7	12.3	36.9



#89
n-Butylbenzene
Concen: 11.231 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.02 min
Lab File: VW012282.D
Acq: 29 Aug 2019 05:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	153.3	12.2	36.4#





#90

Hexachloroethane

Concen: 81.500 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

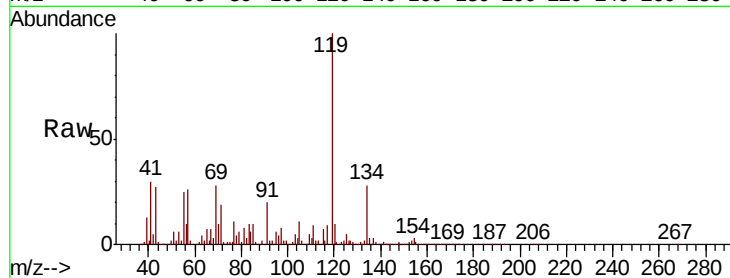
BOTTOM-4

Tgt Ion:117 Resp: 124500

Ion Ratio Lower Upper

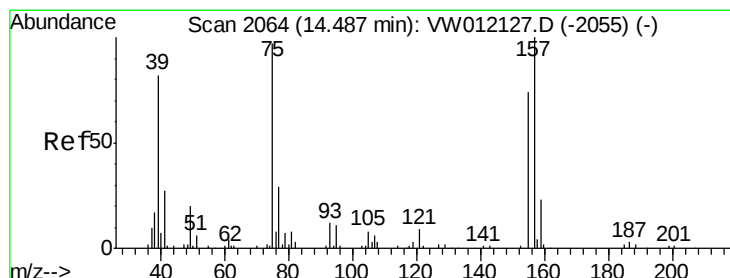
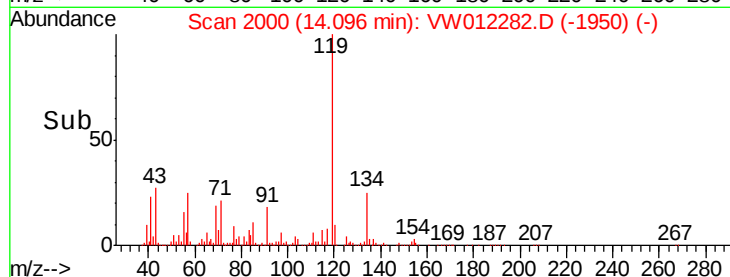
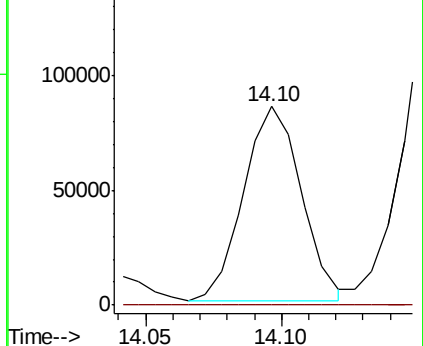
117 100

201 0.0 38.6 115.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.131 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW012282.D

Acq: 29 Aug 2019 05:03

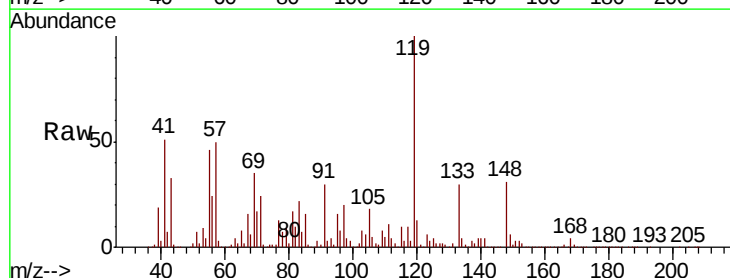
Tgt Ion: 75 Resp: 4199

Ion Ratio Lower Upper

75 100

155 24.2 37.5 112.3#

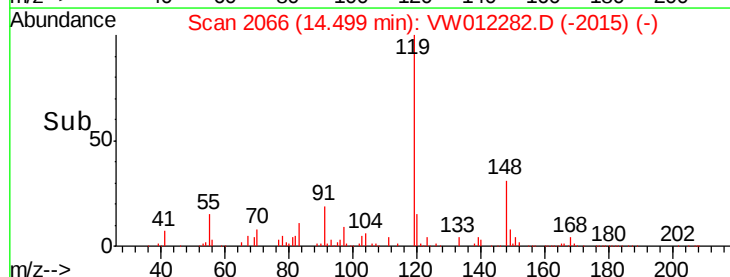
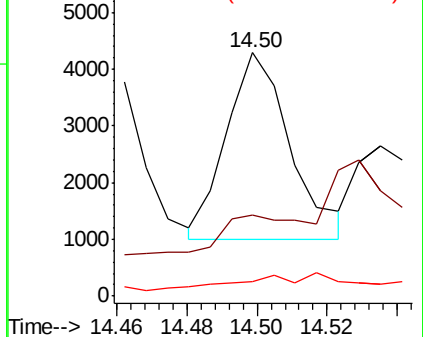
157 8.3 50.5 151.5#

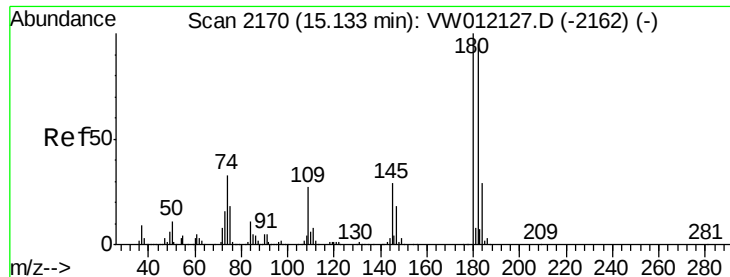


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

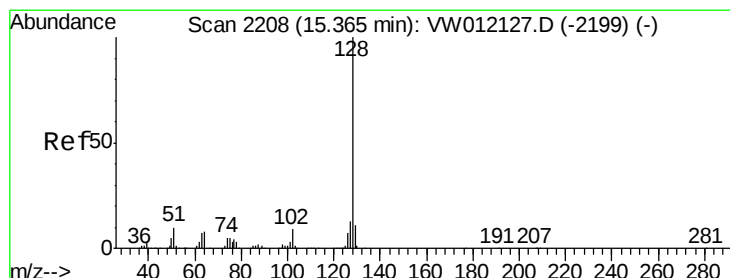
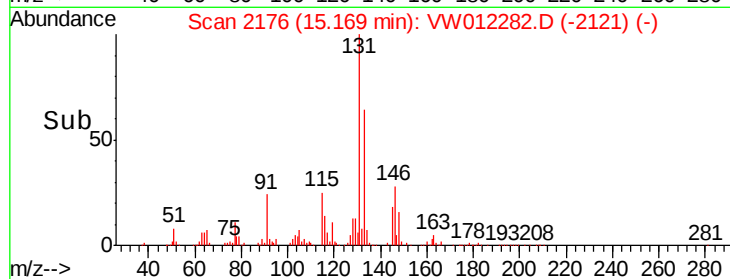
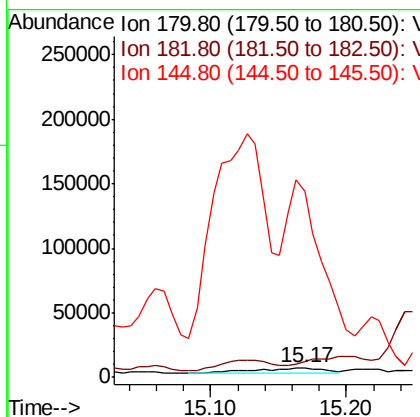
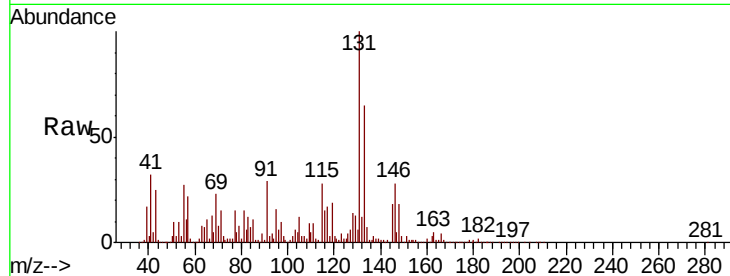




#93
 1,2,4-Trichlorobenzene
 Concen: 5.111 ug/l
 RT: 15.17 min Scan# 2176
 Delta R.T. 0.04 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

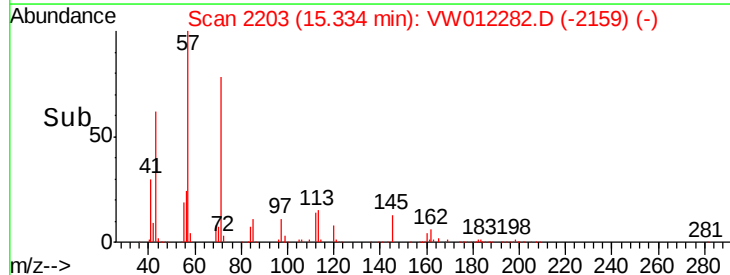
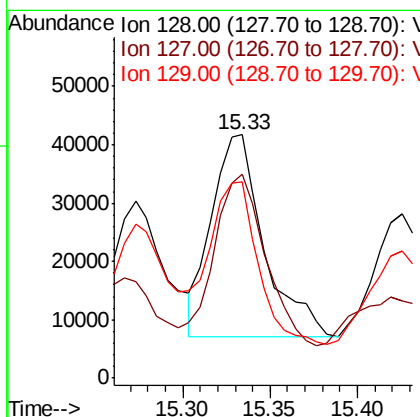
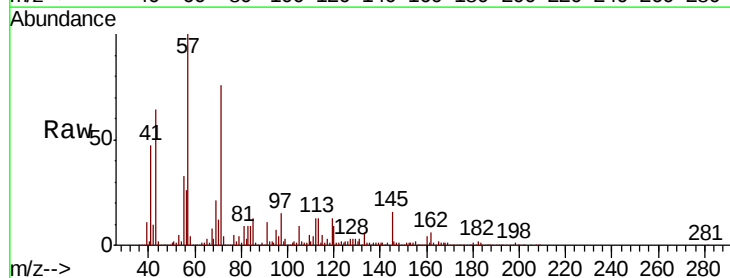
Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-4

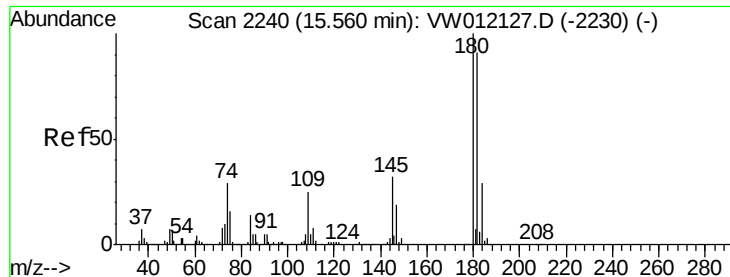
Tgt Ion:180 Resp: 12605
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 2255.2 15.0 45.1#



#95
 Naphthalene
 Concen: 17.974 ug/l
 RT: 15.33 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Tgt Ion:128 Resp: 72327
 Ion Ratio Lower Upper
 128 100
 127 83.3 10.7 16.1#
 129 78.8 8.7 13.1#

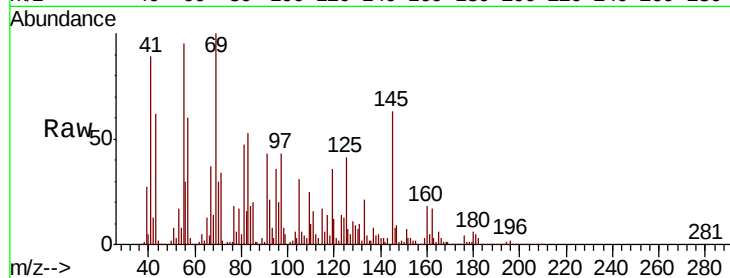




#96
 1,2,3-Trichlorobenzene
 Concen: 7.124 ug/l
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW012282.D
 Acq: 29 Aug 2019 05:03

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-4

Tgt Ion	Resp	Lower	Upper
180	15329		
182	0.0	47.1	141.3#
145	0.0	16.2	48.5#



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

