

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013261.D
 Acq On : 24 Sep 2019 06:22
 Operator : SY/VA
 Sample : K5008-01
 Misc : 6.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Quant Time: Sep 24 08:47:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	294687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	451695	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142004	59.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.08%	
35) Dibromofluoromethane	7.88	113	135426	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.32	98	1461313	134.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.76%	
62) 4-Bromofluorobenzene	12.62	95	957872	258.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	517.64%	

Target Compounds					Qvalue
11) Tert butyl alcohol	5.21	59	1573	Below Cal	# 73
13) Acrolein	3.84	56	1087	7.851	ug/l # 1
14) Allyl chloride	4.74	41	15868	3.641	ug/l # 26
15) Acrylonitrile	5.42	53	21808	36.415	ug/l # 41
16) Acetone	4.10	43	30629	56.472	ug/l # 57
18) Methyl Acetate	4.73	43	12293	8.063	ug/l # 51
25) 2-Butanone	7.15	43	27431	33.691	ug/l # 51
26) 2,2-Dichloropropane	7.13	77	203	Below Cal	# 52
29) Tetrahydrofuran	7.51	42	1473	2.950	ug/l # 34
30) Chloroform	7.62	83	44470	9.082	ug/l # 17
31) Cyclohexane	7.95	56	1607886	308.422	ug/l # 90
36) 1,1-Dichloropropene	7.94	75	20938	4.593	ug/l # 37
37) Ethyl Acetate	7.15	43	27431	14.158	ug/l # 69
38) Carbon Tetrachloride	7.94	117	25983	6.358	ug/l # 17
39) Methylcyclohexane	9.34	83	8568258	1462.494	ug/l # 99
40) Benzene	8.32	78	379086	29.812	ug/l # 100
41) Methacrylonitrile	7.51	41	10453	9.039	ug/l # 50
42) 1,2-Dichloroethane	8.43	62	5812	1.700	ug/l # 1
43) Isopropyl Acetate	8.41	43	456588	122.955	ug/l # 50
45) 1,2-Dichloropropane	9.34	63	79829	25.714	ug/l # 1
47) Bromodichloromethane	9.62	83	208225	54.293	ug/l # 33
48) Methyl methacrylate	9.51	41	625807	358.392	ug/l # 57
49) 1,4-Dioxane	9.32	88	158	6.984	ug/l # 1
51) 4-Methyl-2-Pentanone	10.10	43	7384579	3966.718	ug/l # 41
52) Toluene	10.38	92	107314	13.168	ug/l # 93
55) 1,1,2-Trichloroethane	10.76	97	3191570	1416.684	ug/l # 22
56) Ethyl methacrylate	10.62	69	597028	202.495	ug/l # 36
58) 2-Chloroethyl Vinyl ether	9.90	63	2048	1.500	ug/l # 45
59) 2-Hexanone	10.94	43	5401096	4216.973	ug/l # 28
60) Dibromochloromethane	11.04	129	17369	6.790	ug/l # 73
61) 1,2-Dibromoethane	11.23	107	4840	2.260	ug/l # 3
65) Chlorobenzene	11.56	112	50312	6.823	ug/l # 42
67) Ethyl Benzene	11.73	91	12654114	947.082	ug/l # 92
68) m/p-Xylenes	11.85	106	4007790	787.163	ug/l # 98

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

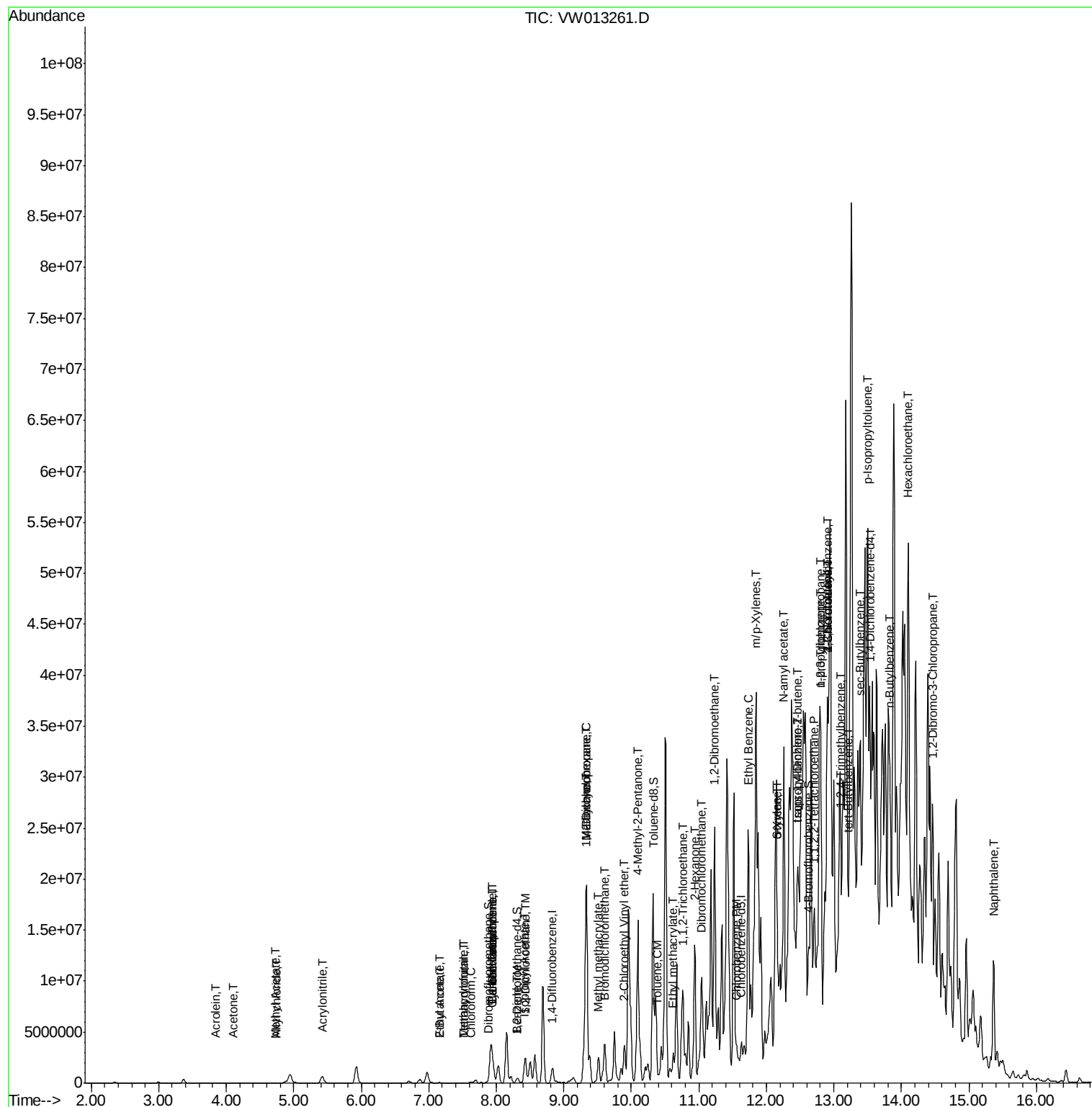
69) o-Xylene	12.16	106	357734	75.573	ug/l	87
70) Styrene	12.16	104	24479	3.012	ug/l #	1
73) Isopropylbenzene	12.47	105	5953119	178.413	ug/l	99
74) N-amyl acetate	12.26	43	6609092	892.620	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.70	83	260295	46.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.81	75	81045	20.317	ug/l #	100
78) n-propylbenzene	12.81	91	13065082	334.511	ug/l	96
79) 2-Chlorotoluene	12.90	91	2039364	93.201	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.90	105	14863810	529.932	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.47	75	62631	35.231	ug/l #	1
82) 4-Chlorotoluene	12.90	91	2039364	88.381	ug/l #	40
83) tert-Butylbenzene	13.21	119	408845	16.607	ug/l	81
84) 1,2,4-Trimethylbenzene	13.11	105	2565602	91.922	ug/l	76
85) sec-Butylbenzene	13.39	105	8215322	242.046	ug/l	81
86) p-Isopropyltoluene	13.51	119	6273821	199.291	ug/l	98
89) n-Butylbenzene	13.83	91	8216047	285.824	ug/l #	67
90) Hexachloroethane	14.10	117	1863030	352.280	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.46	75	69319	81.213	ug/l #	1
95) Naphthalene	15.36	128	9736304	631.025	ug/l	99

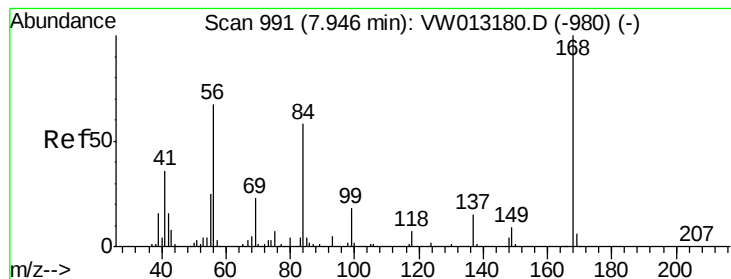
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

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ClientSampleId :

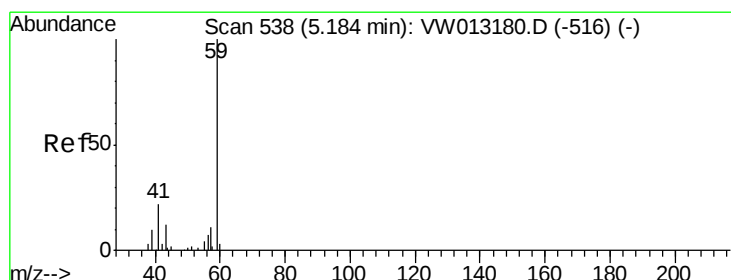
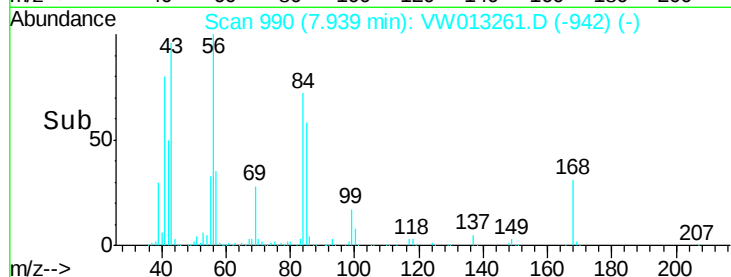
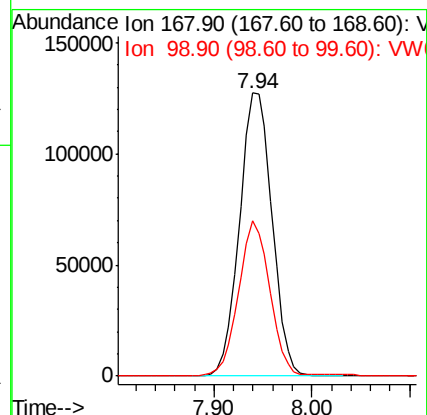
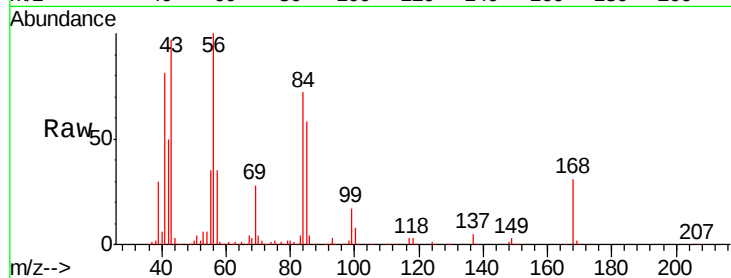
SB-1

Tgt Ion:168 Resp: 294687

Ion Ratio Lower Upper

168 100

99 54.7 40.2 60.4



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW013261.D

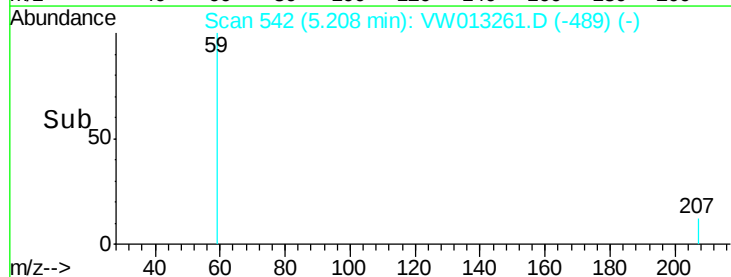
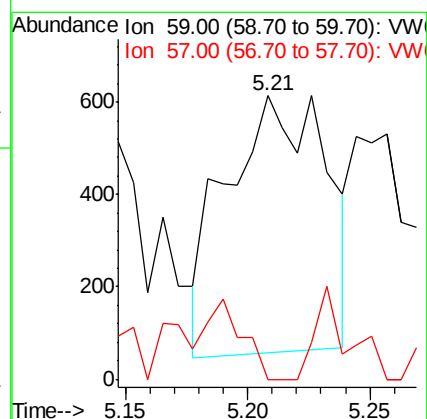
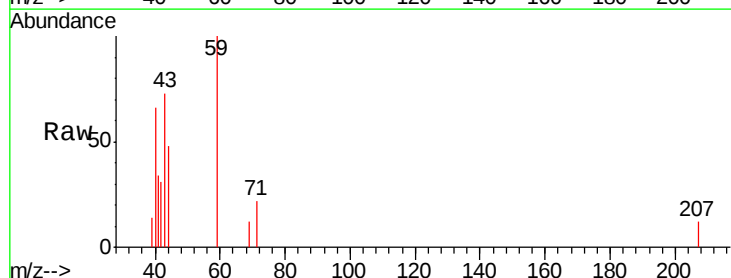
Acq: 24 Sep 2019 06:22

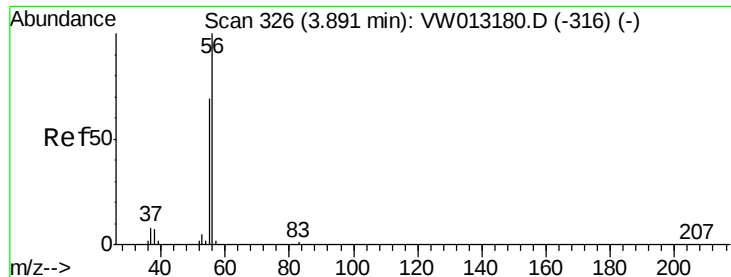
Tgt Ion: 59 Resp: 1573

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 7.851 ug/l

RT: 3.84 min Scan# 318

Delta R.T. -0.05 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

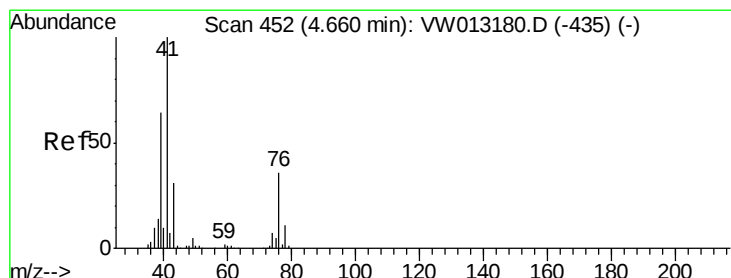
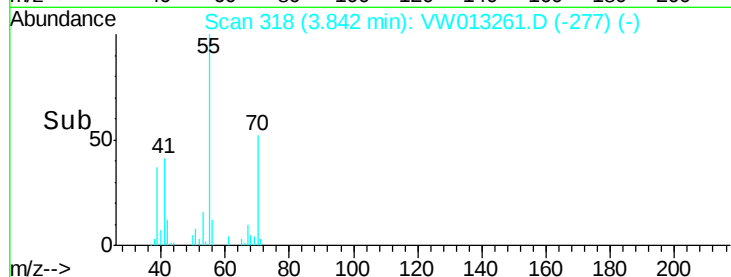
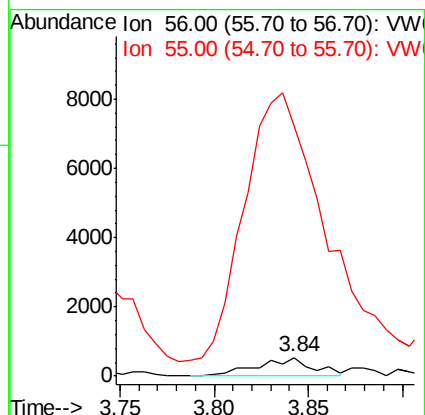
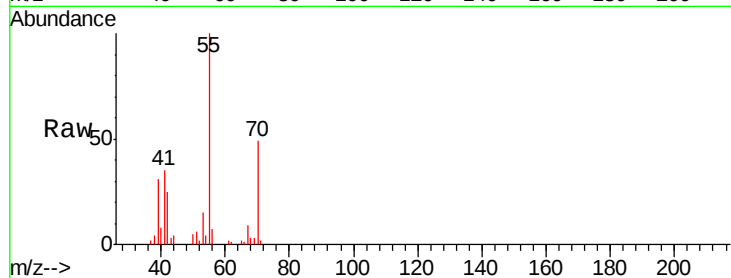
SB-1

Tgt Ion: 56 Resp: 1087

Ion Ratio Lower Upper

56 100

55 2145.0 55.4 83.0#



#14

Allyl chloride

Concen: 3.641 ug/l

RT: 4.74 min Scan# 466

Delta R.T. 0.09 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

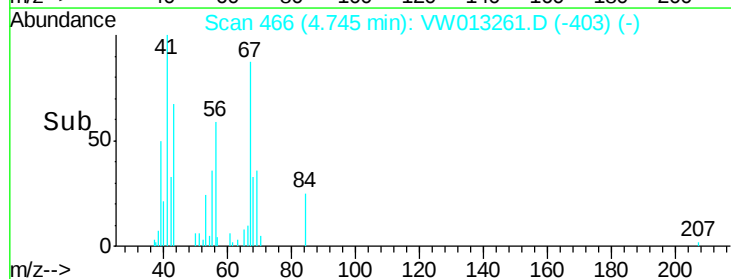
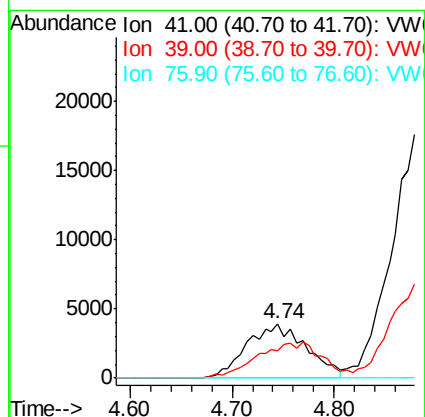
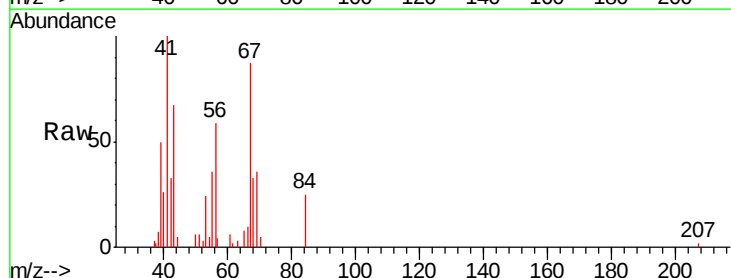
Tgt Ion: 41 Resp: 15868

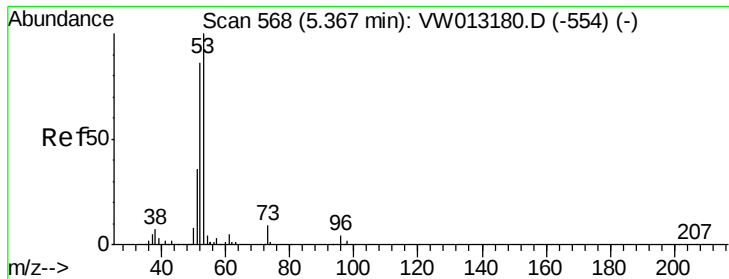
Ion Ratio Lower Upper

41 100

39 0.0 51.0 76.4#

76 0.0 28.4 42.6#





#15

Acrylonitrile

Concen: 36.415 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

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ClientSampleId :

SB-1

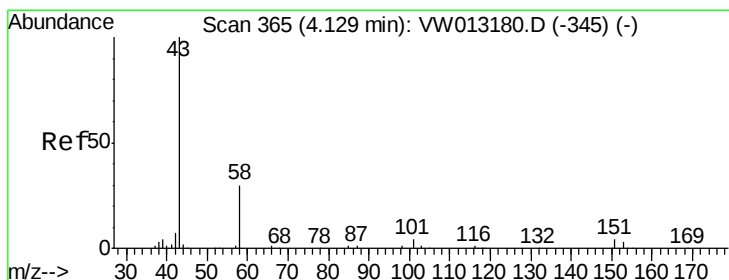
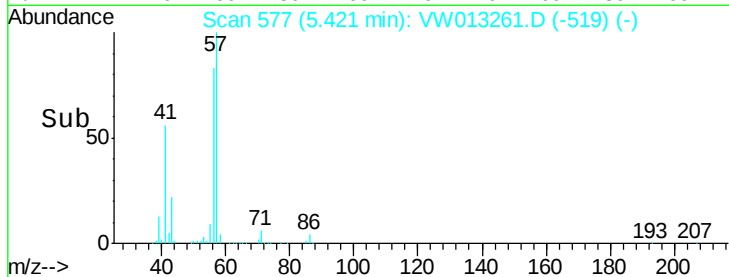
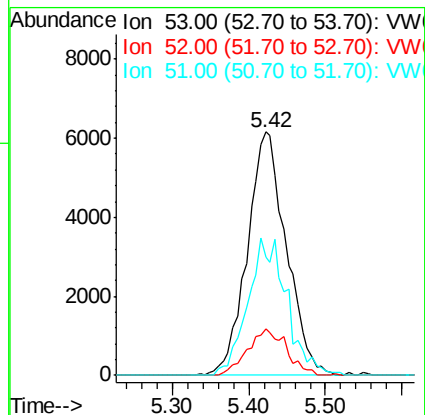
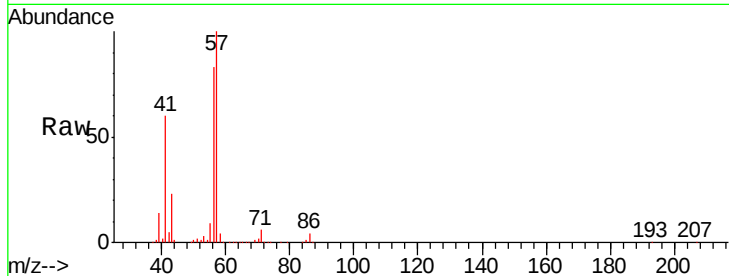
Tgt Ion: 53 Resp: 21808

Ion Ratio Lower Upper

53 100

52 18.8 65.3 97.9#

51 56.2 29.0 43.4#



#16

Acetone

Concen: 56.472 ug/l

RT: 4.10 min Scan# 361

Delta R.T. -0.02 min

Lab File: VW013261.D

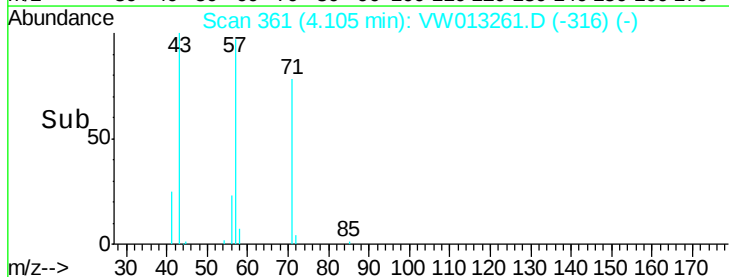
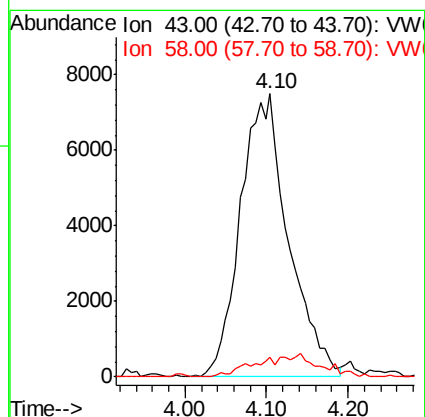
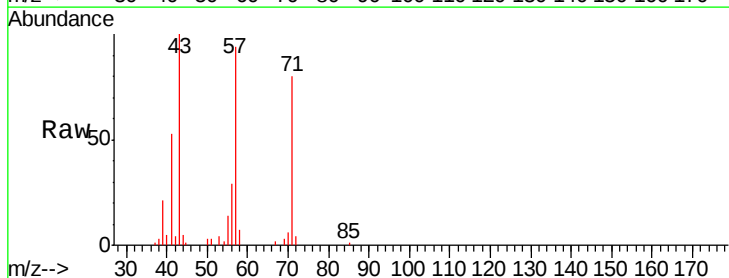
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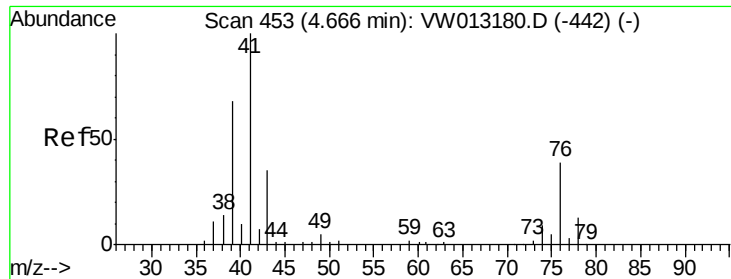
Tgt Ion: 43 Resp: 30629

Ion Ratio Lower Upper

43 100

58 6.8 24.1 36.1#

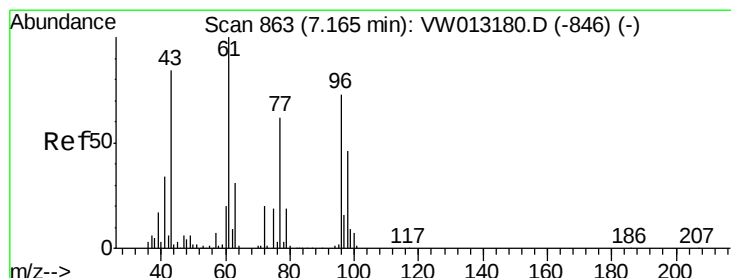
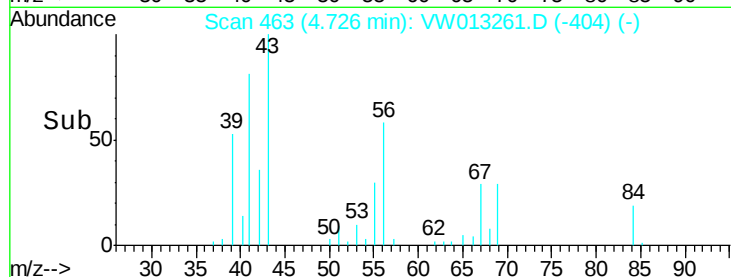
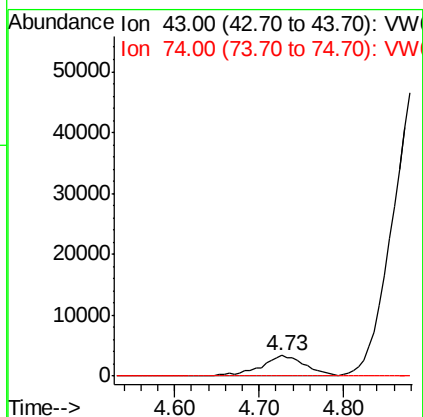
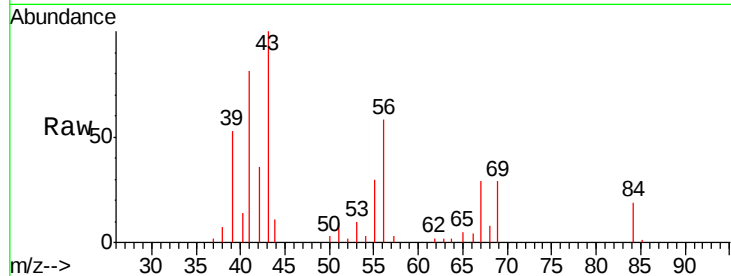




#18
Methyl Acetate
Concen: 8.063 ug/l
RT: 4.73 min Scan# 463
Delta R.T. 0.06 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

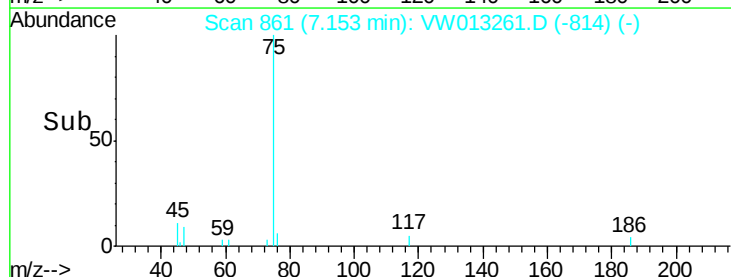
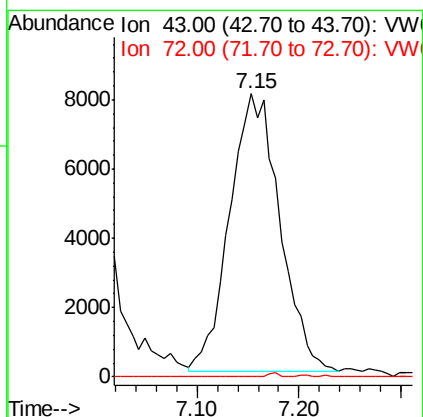
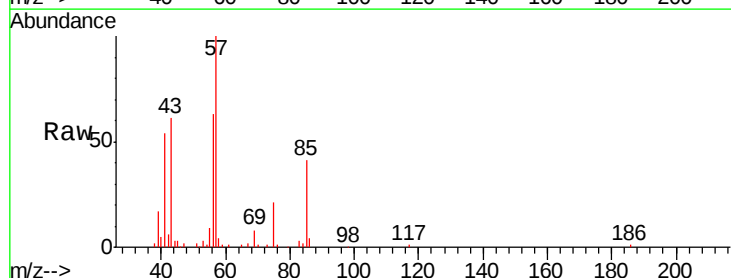
Instrument :
MSVOA_W
ClientSampled :
SB-1

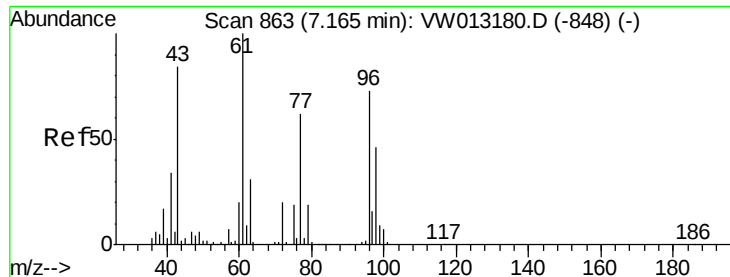
Tgt Ion: 43 Resp: 12293
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#25
2-Butanone
Concen: 33.691 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 43 Resp: 27431
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#

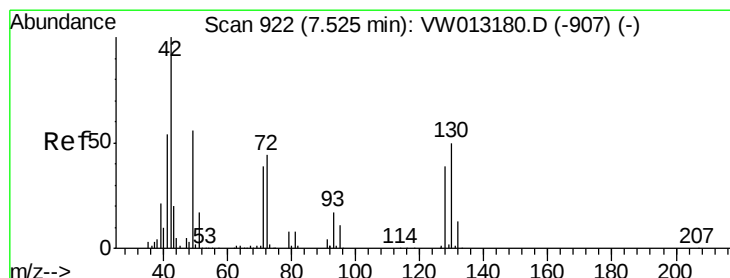
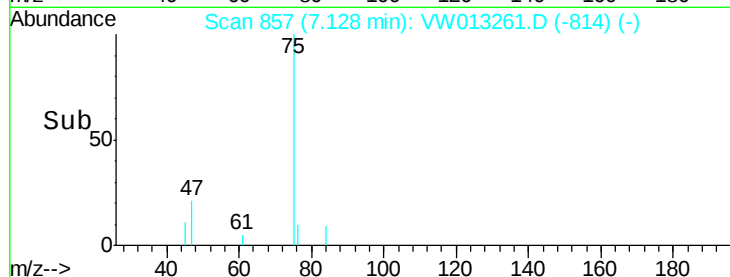
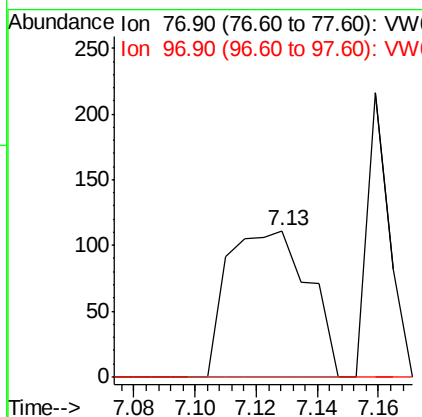
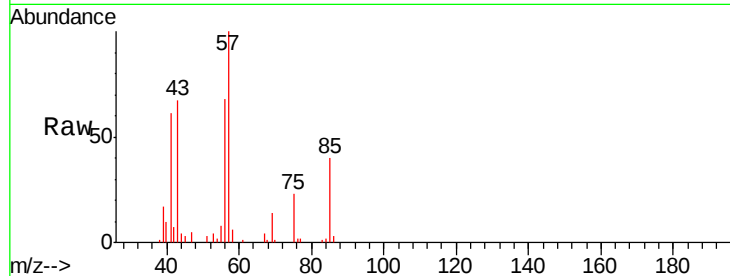




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

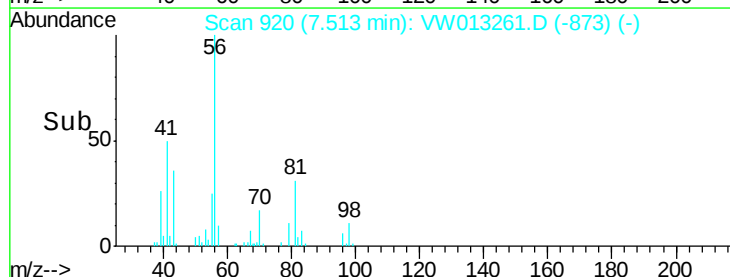
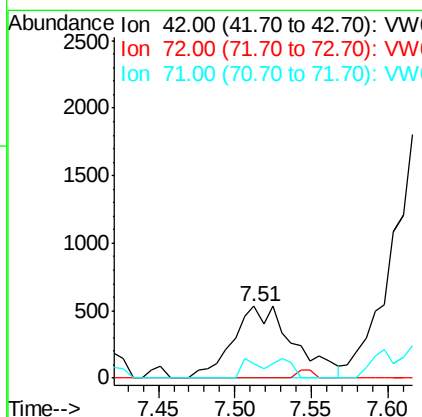
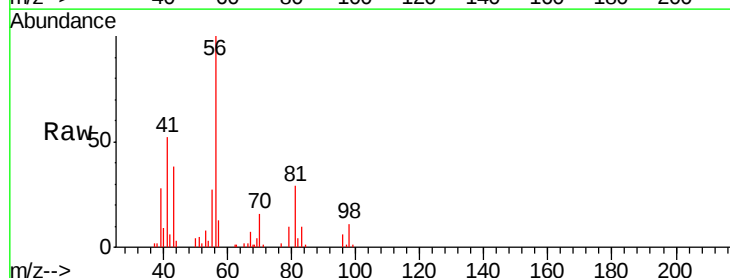
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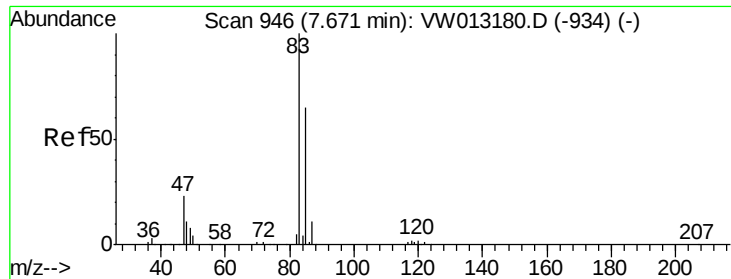
Tgt Ion: 77 Resp: 203
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 2.950 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

Tgt Ion: 42 Resp: 1473
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.9 50.9#
 71 0.0 31.9 47.9#

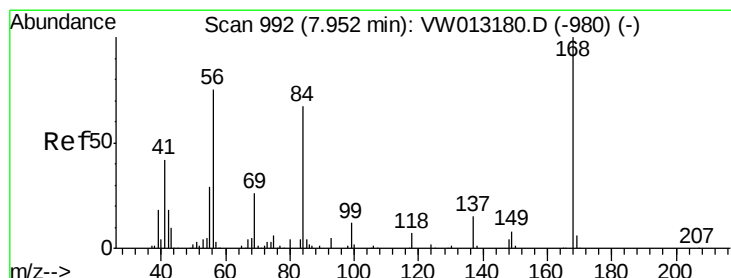
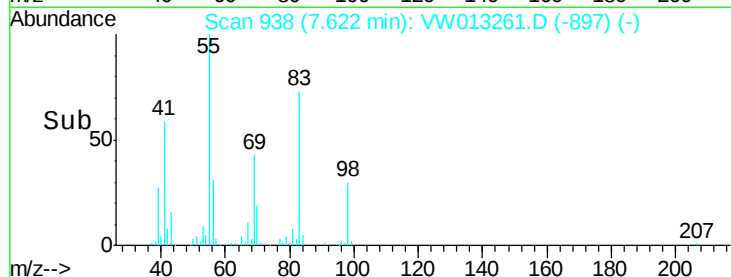
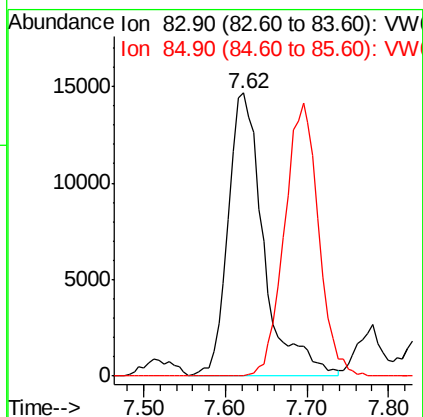
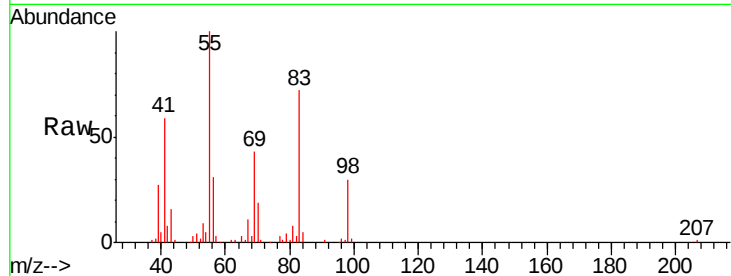




#30
Chloroform
Concen: 9.082 ug/l
RT: 7.62 min Scan# 938
Delta R.T. -0.05 min
Lab File: VW013261.D
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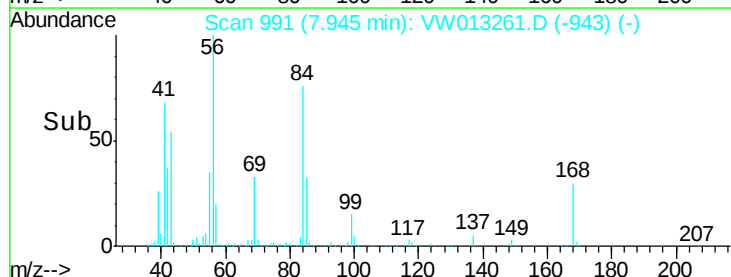
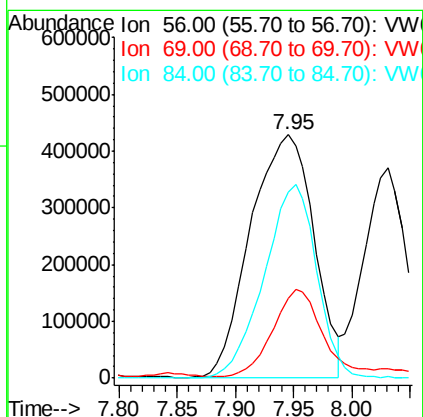
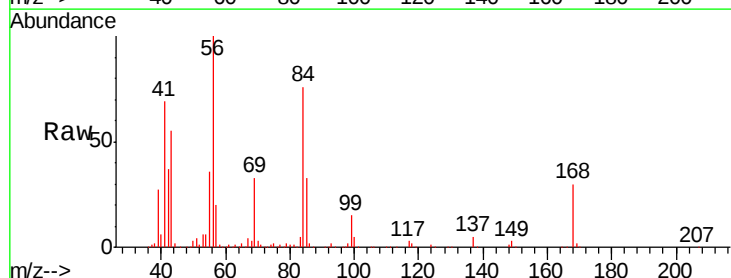
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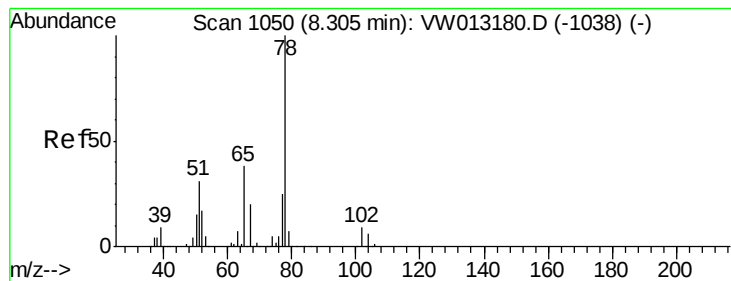
Tgt Ion: 83 Resp: 44470
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#



#31
Cyclohexane
Concen: 308.422 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 56 Resp: 1607886
Ion Ratio Lower Upper
56 100
69 31.7 27.2 40.8
84 76.5 70.8 106.2





#33

1,2-Dichloroethane-d4

Concen: 59.043 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

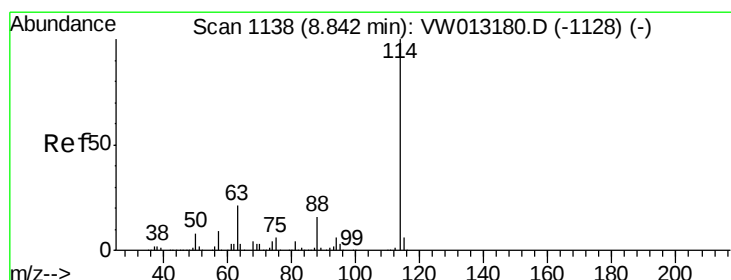
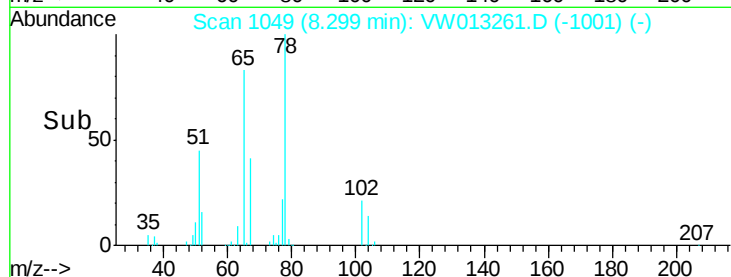
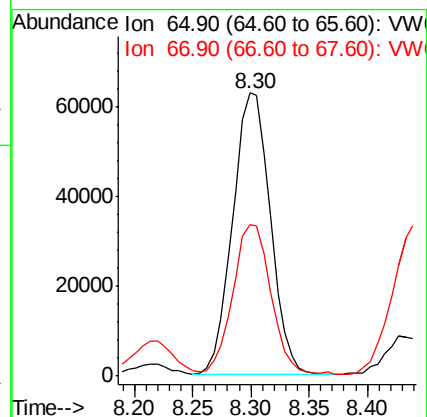
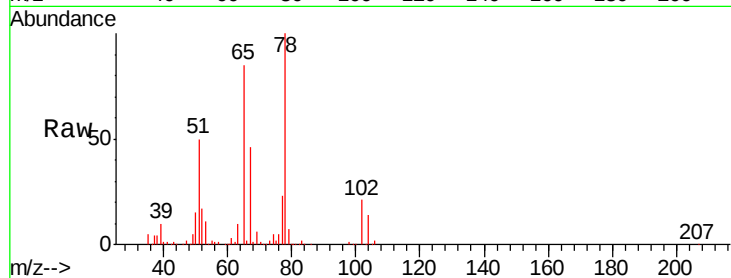
SB-1

Tgt Ion: 65 Resp: 142004

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

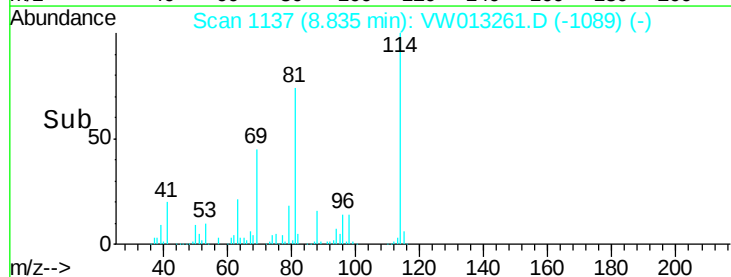
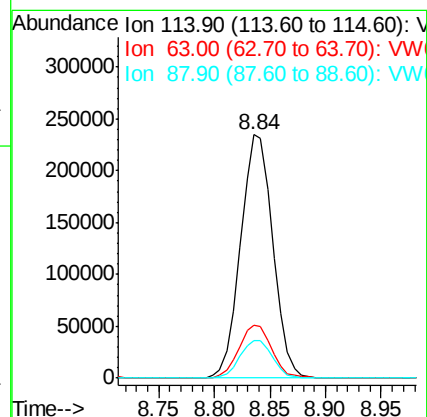
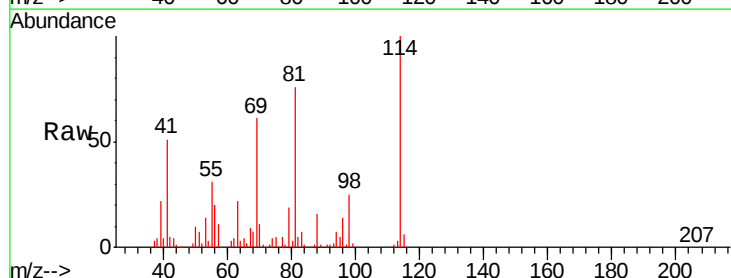
Tgt Ion: 114 Resp: 470682

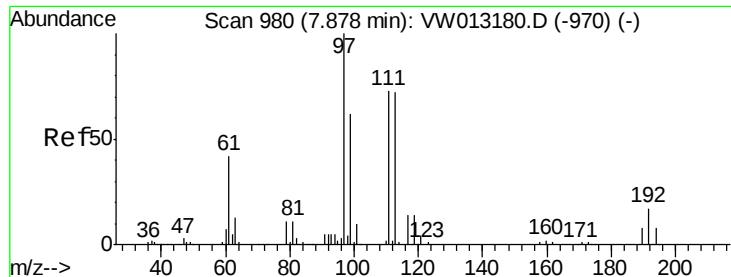
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.4

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.313 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

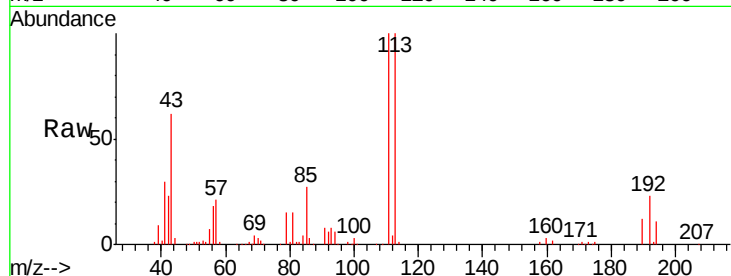
Tgt Ion:113 Resp: 135426

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

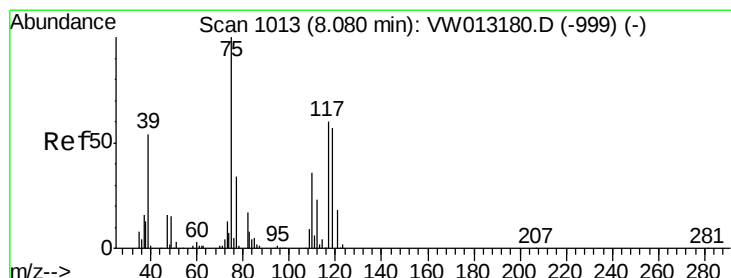
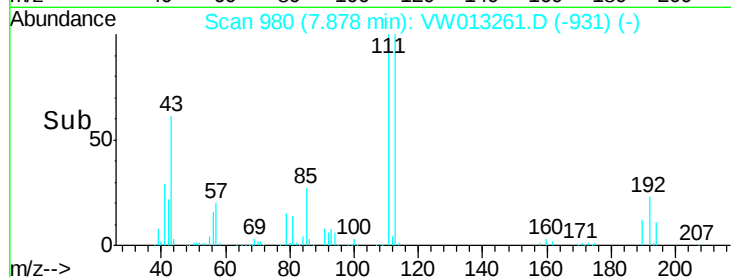
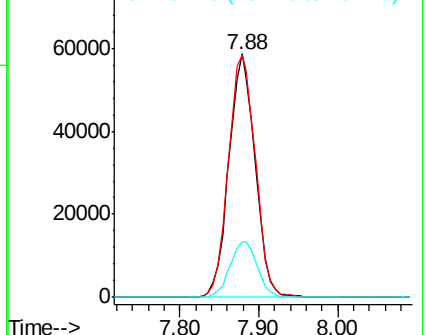
192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.593 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

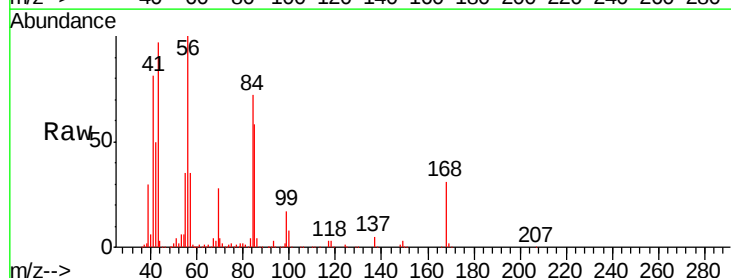
Tgt Ion: 75 Resp: 20938

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

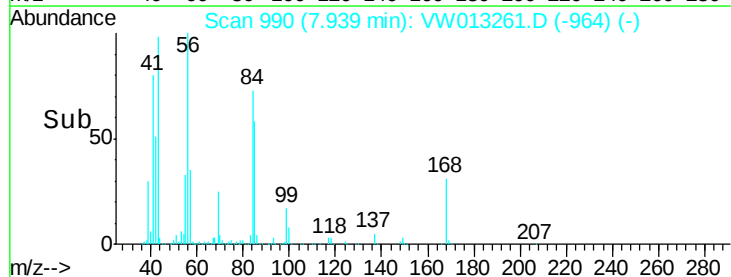
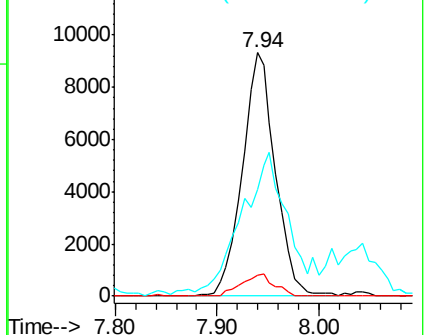
77 78.4 25.8 38.6#

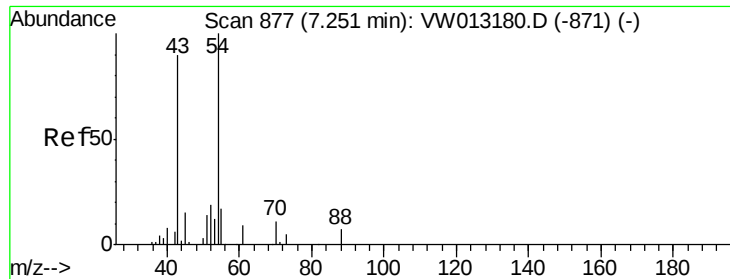


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

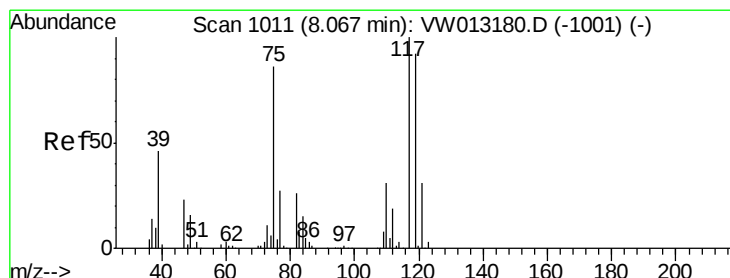
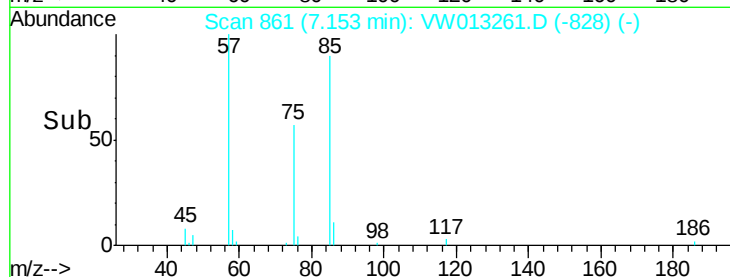
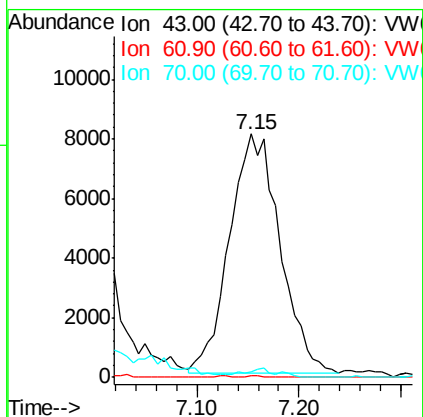
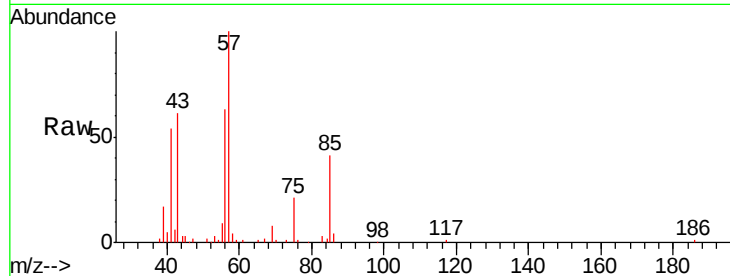




#37
Ethyl Acetate
Concen: 14.158 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.10 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

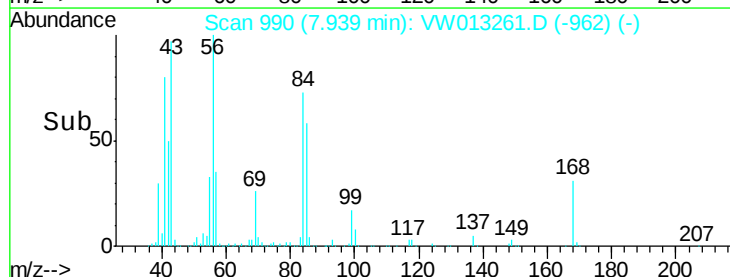
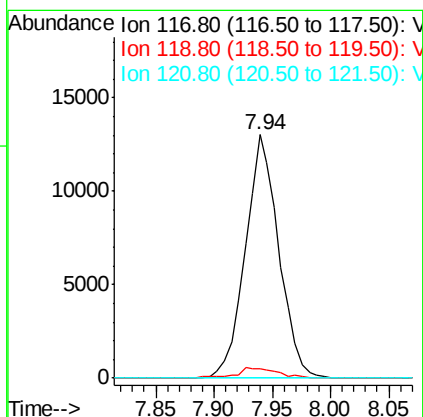
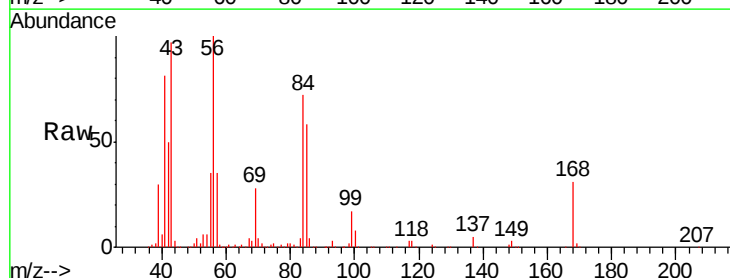
Instrument :
MSVOA_W
ClientSampled :
SB-1

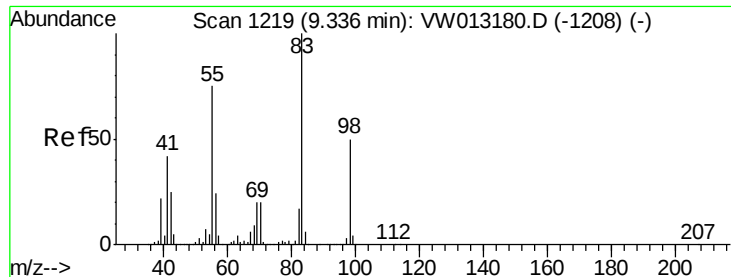
Tgt Ion: 43 Resp: 27431
Ion Ratio Lower Upper
43 100
61 0.2 10.9 16.3#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 6.358 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 117 Resp: 25983
Ion Ratio Lower Upper
117 100
119 4.0 73.5 110.3#
121 0.0 25.0 37.6#

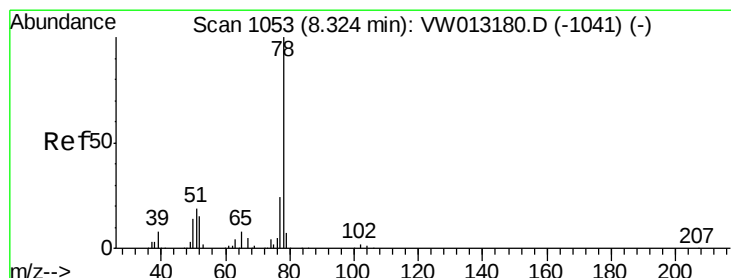
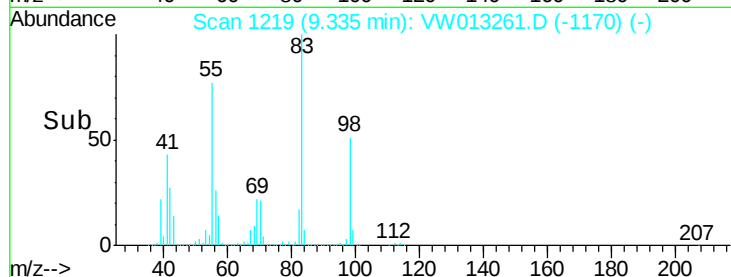
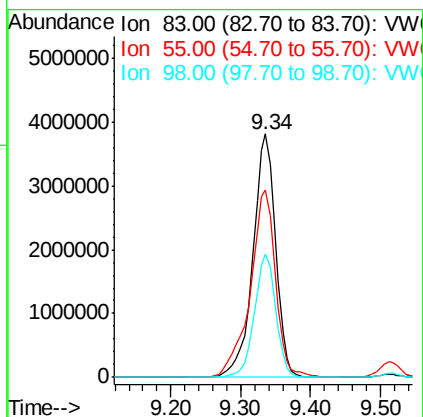
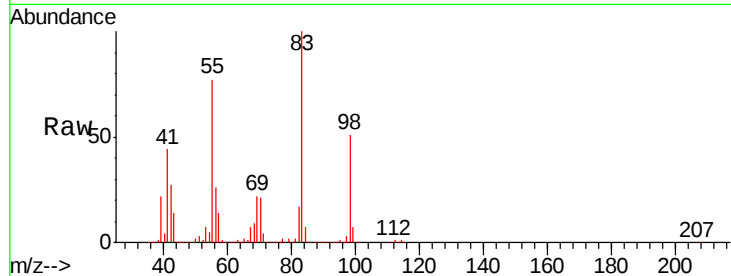




#39
Methylcyclohexane
Concen: 1462.494 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

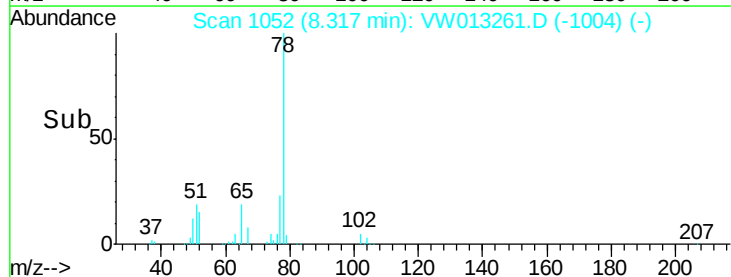
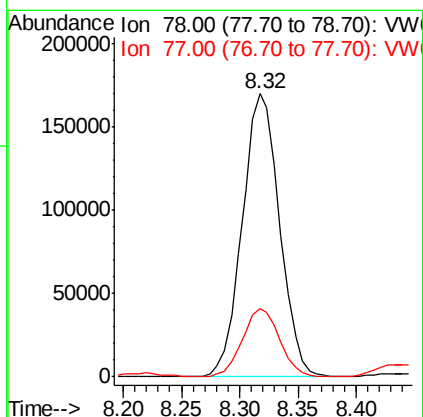
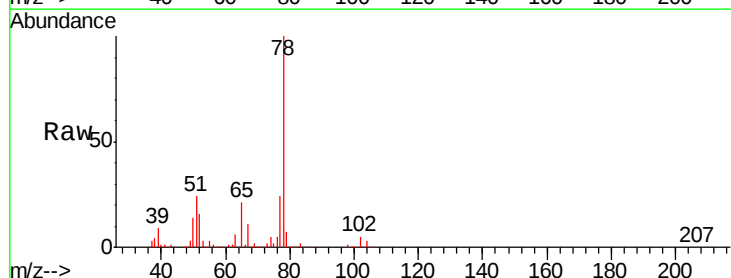
Instrument :
MSVOA_W
ClientSampled :
SB-1

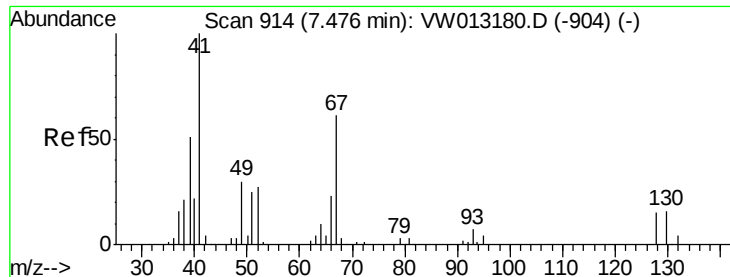
Tgt Ion: 83 Resp: 8568258
Ion Ratio Lower Upper
83 100
55 77.0 60.4 90.6
98 50.6 40.0 60.0



#40
Benzene
Concen: 29.812 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 78 Resp: 379086
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#41

Methacrylonitrile

Concen: 9.039 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.04 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

Tgt Ion: 41 Resp: 10453

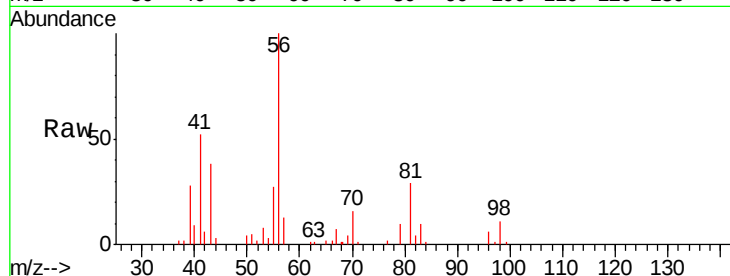
Ion Ratio Lower Upper

41 100

39 62.5 45.9 68.9

67 0.0 54.5 81.7#

52 0.0 22.5 33.7#

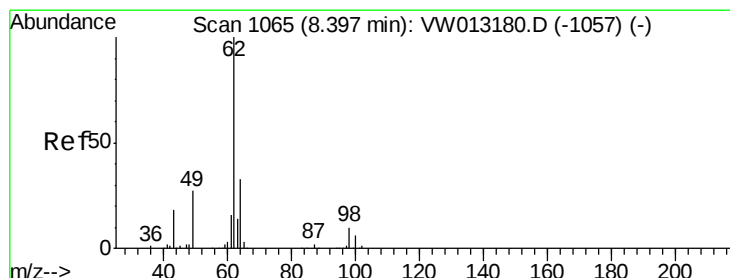
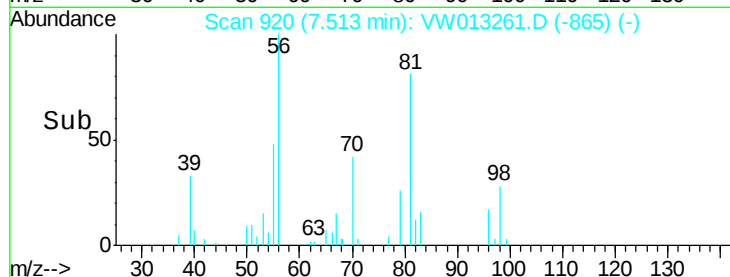
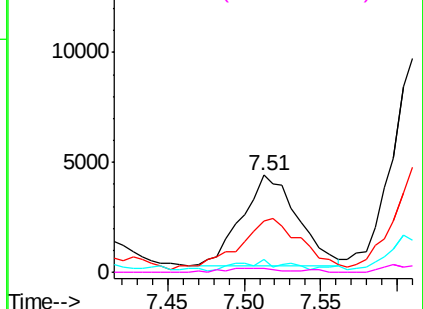


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 1.700 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.03 min

Lab File: VW013261.D

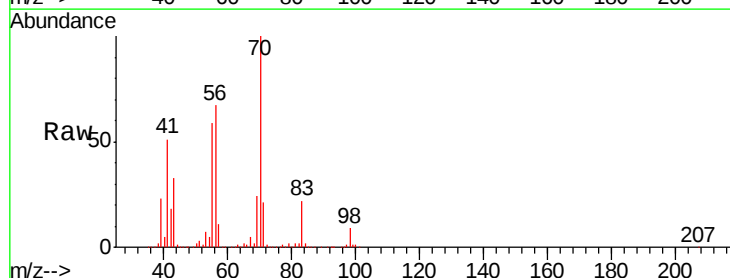
Acq: 24 Sep 2019 06:22

Tgt Ion: 62 Resp: 5812

Ion Ratio Lower Upper

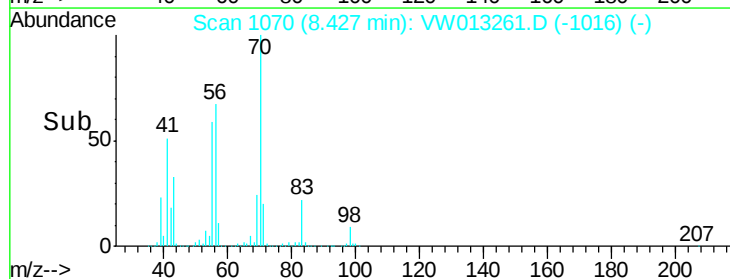
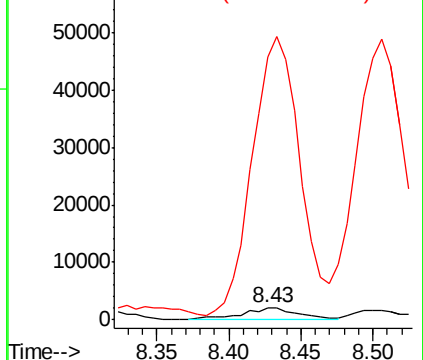
62 100

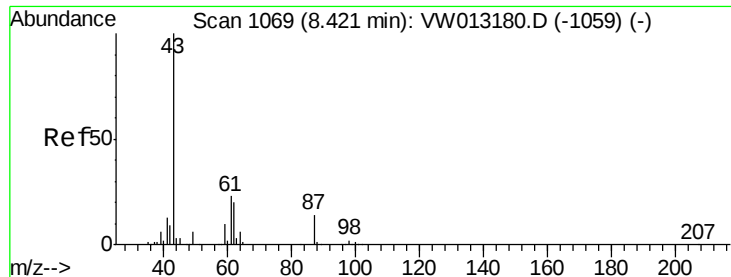
98 1904.9 0.0 20.6#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 122.955 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

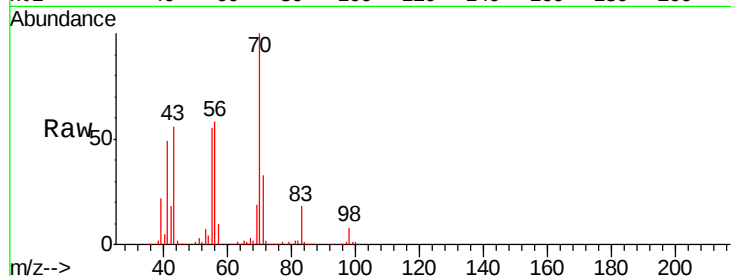
Tgt Ion: 43 Resp: 456588

Ion Ratio Lower Upper

43 100

61 0.5 25.5 38.3#

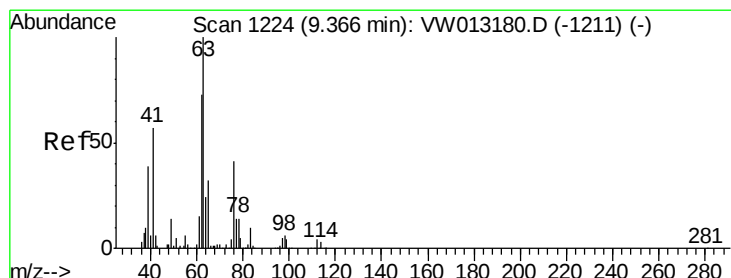
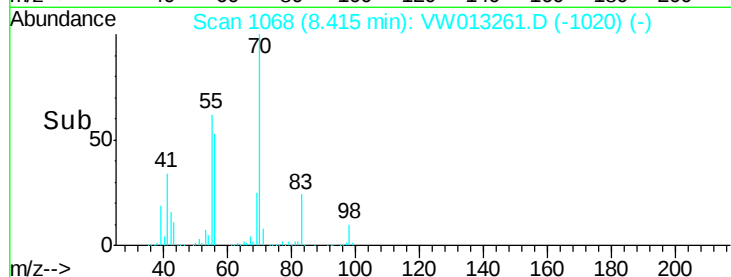
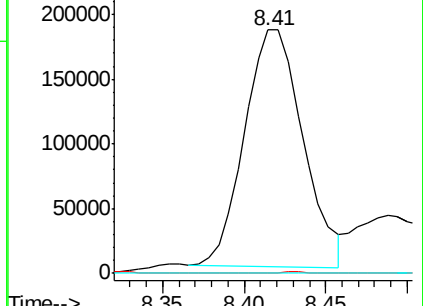
87 0.1 11.0 16.4#



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



#45

1,2-Dichloropropane

Concen: 25.714 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

Lab File: VW013261.D

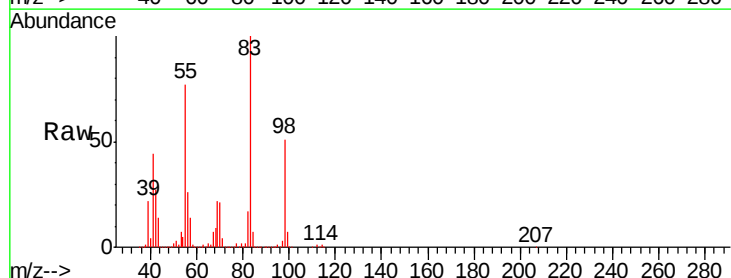
Acq: 24 Sep 2019 06:22

Tgt Ion: 63 Resp: 79829

Ion Ratio Lower Upper

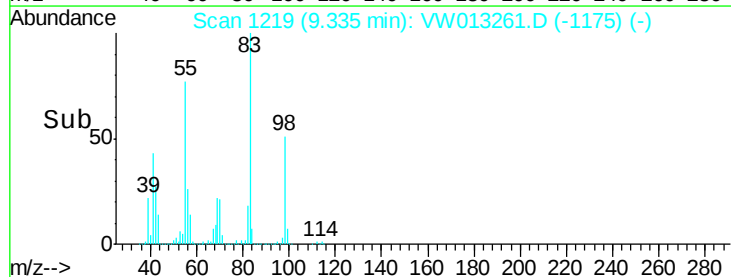
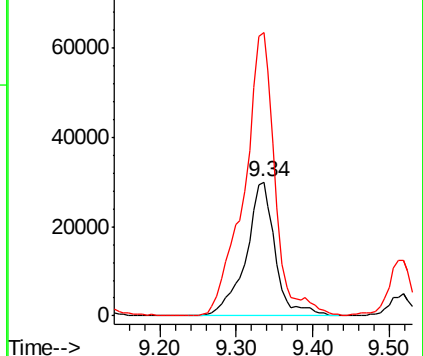
63 100

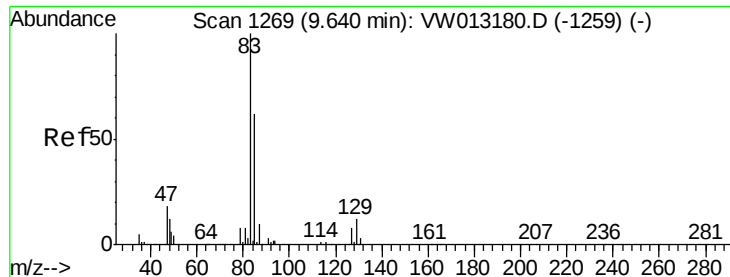
65 211.0 25.3 37.9#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 54.293 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

SB-1

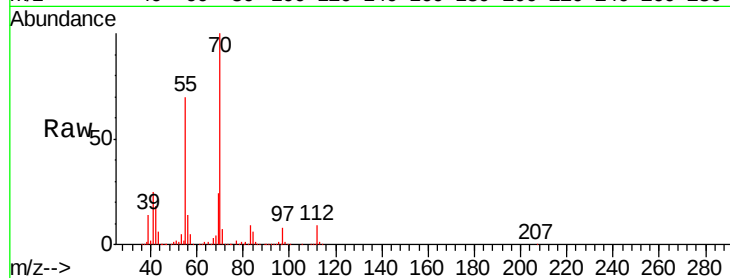
Tgt Ion: 83 Resp: 208225

Ion Ratio Lower Upper

83 100

85 5.7 49.4 74.2#

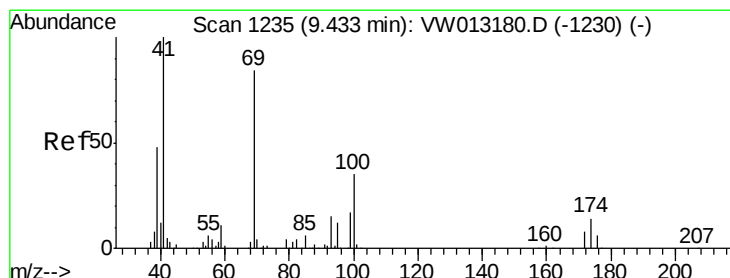
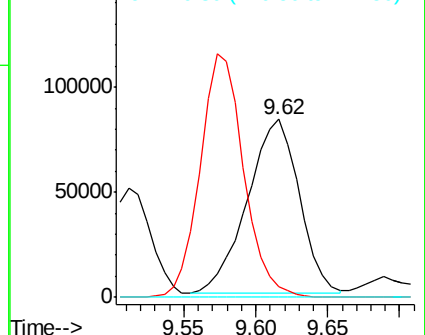
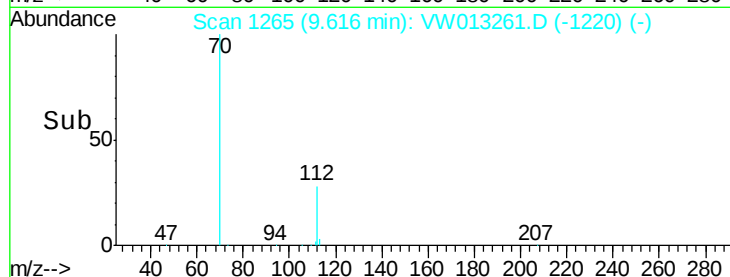
127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 358.392 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

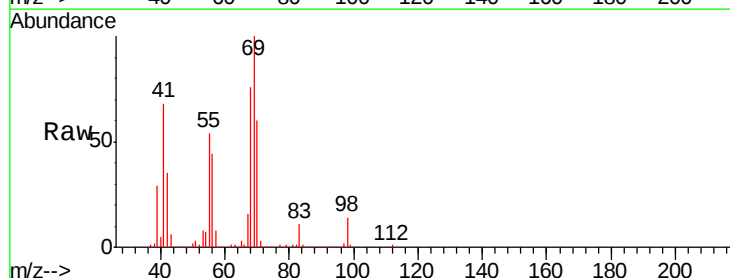
Tgt Ion: 41 Resp: 625807

Ion Ratio Lower Upper

41 100

69 143.1 69.7 104.5#

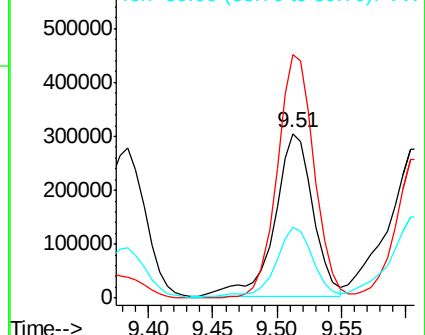
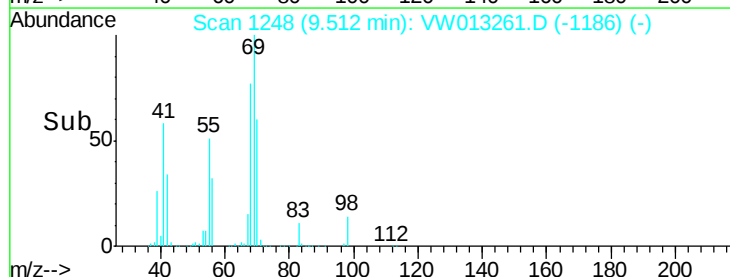
39 42.1 41.1 61.7

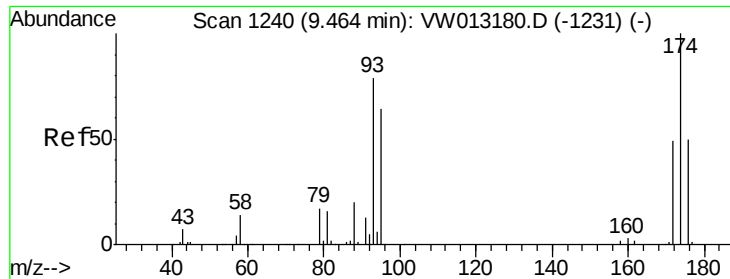


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 6.984 ug/l

RT: 9.32 min Scan# 1217

Delta R.T. -0.14 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

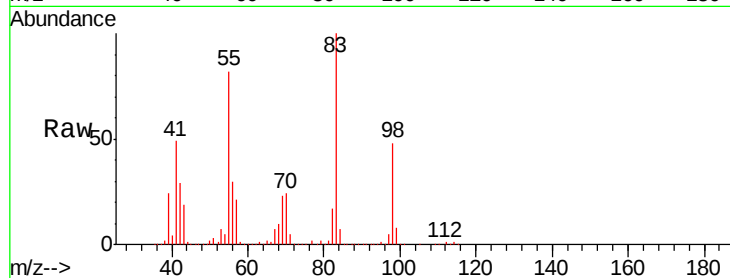
Tgt Ion: 88 Resp: 158

Ion Ratio Lower Upper

88 100

43 846534.8 0.0 0.0#

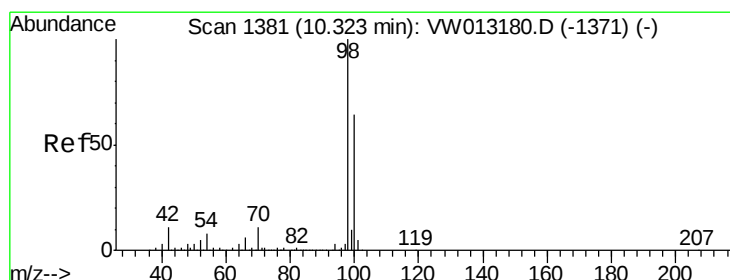
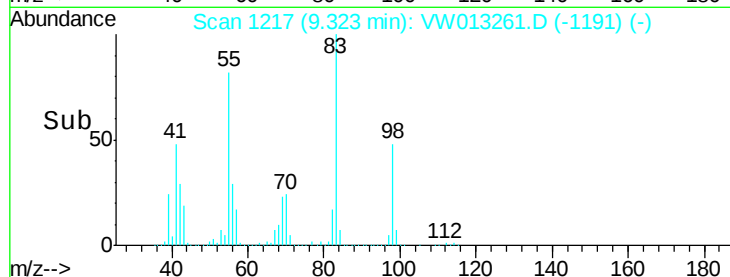
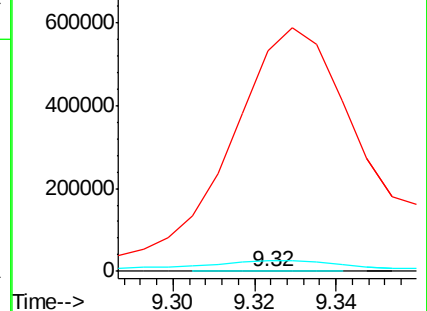
58 45203.2 65.4 98.0#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 134.879 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013261.D

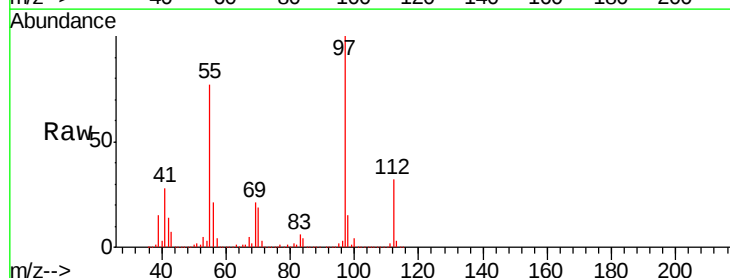
Acq: 24 Sep 2019 06:22

Tgt Ion: 98 Resp: 1461313

Ion Ratio Lower Upper

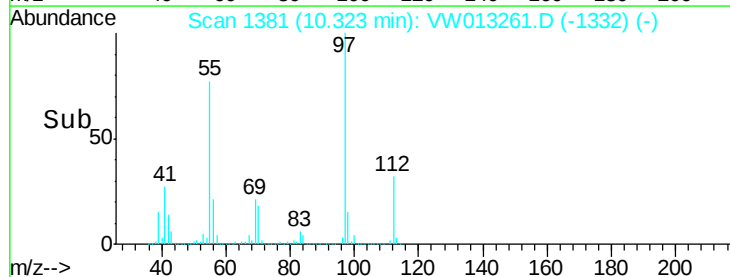
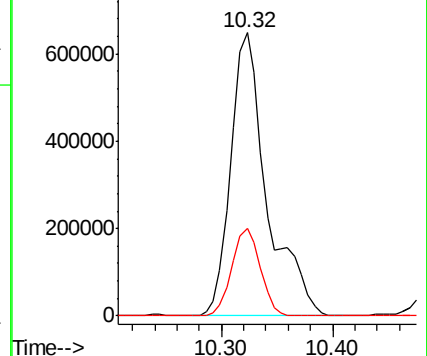
98 100

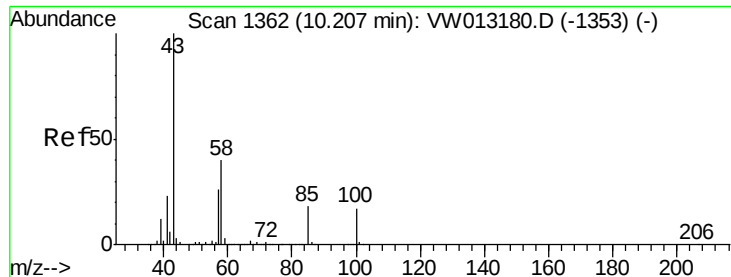
100 24.2 52.9 79.3#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

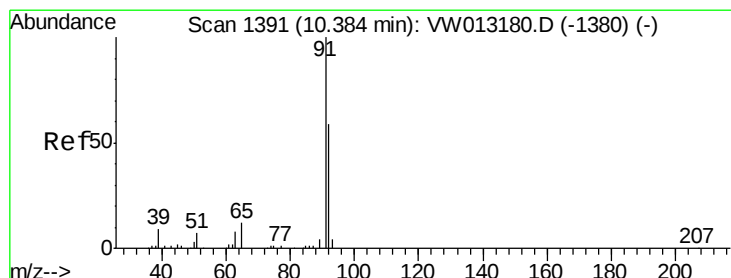
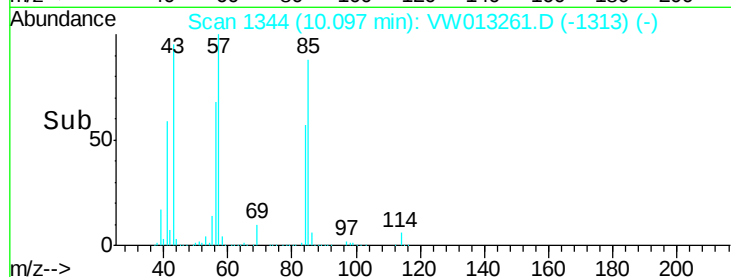
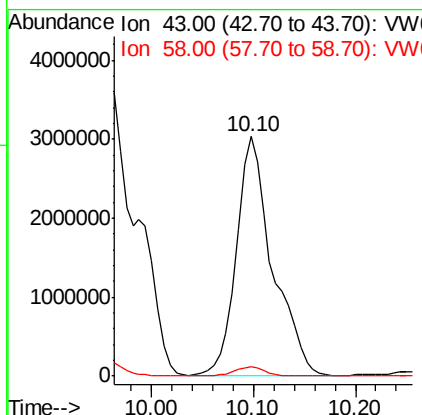
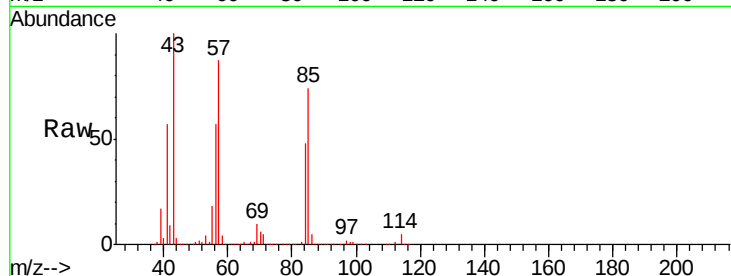




#51
 4-Methyl-2-Pentanone
 Concen: 3966.718 ug/l
 RT: 10.10 min Scan# 1344
 Delta R.T. -0.11 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

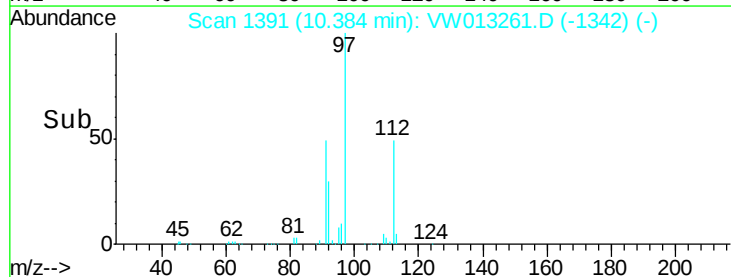
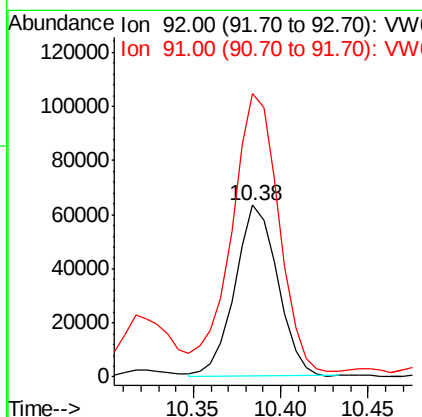
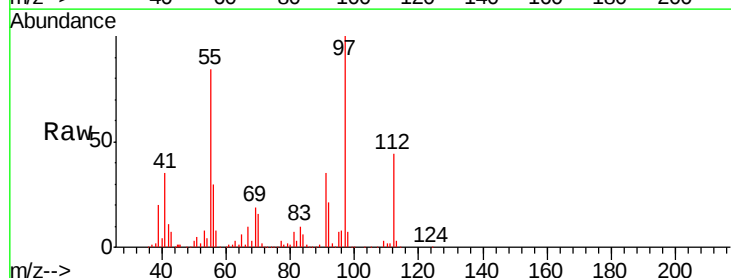
Instrument :
 MSVOA_W
 ClientSampled :
 SB-1

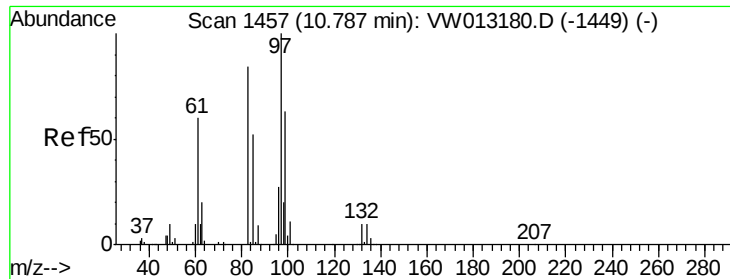
Tgt Ion: 43 Resp: 7384579
 Ion Ratio Lower Upper
 43 100
 58 3.4 31.7 47.5#



#52
 Toluene
 Concen: 13.168 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

Tgt Ion: 92 Resp: 107314
 Ion Ratio Lower Upper
 92 100
 91 178.6 135.7 203.5





#55

1,1,2-Trichloroethane

Concen: 1416.684 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tgt Ion: 97 Resp: 3191570

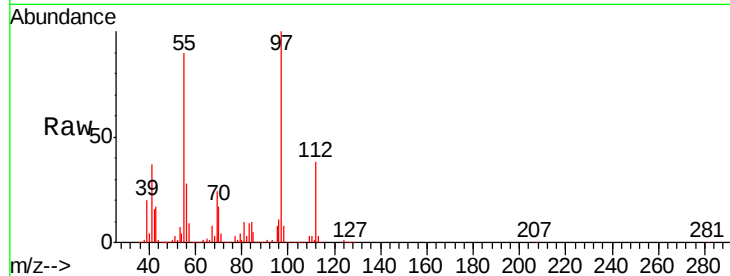
Ion Ratio Lower Upper

97 100

83 8.6 67.6 101.4#

85 5.3 41.9 62.9#

99 0.2 50.1 75.1#

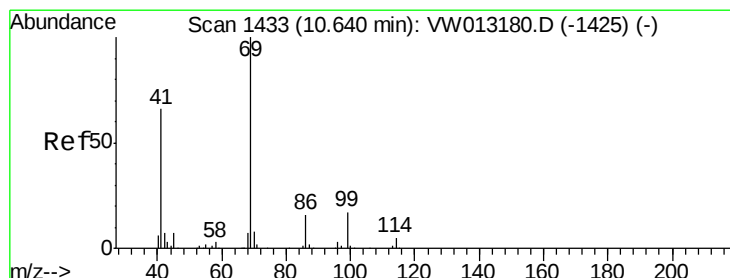
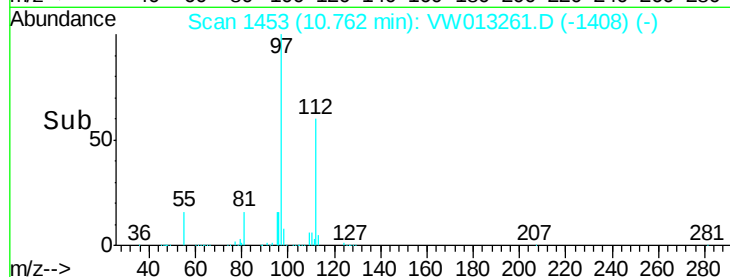
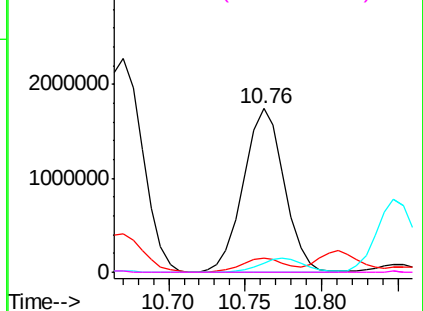


Abundance Ion 96.90 (96.60 to 97.60): VW

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



#56

Ethyl methacrylate

Concen: 202.495 ug/l

RT: 10.62 min Scan# 1430

Delta R.T. -0.02 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

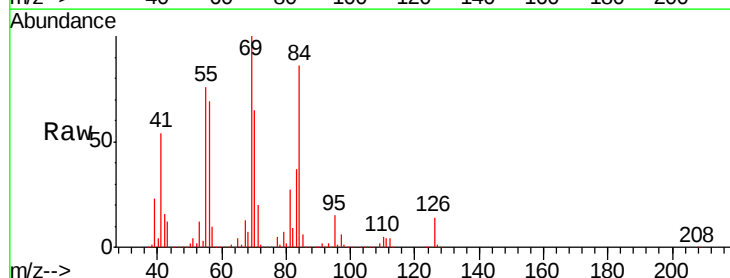
Tgt Ion: 69 Resp: 597028

Ion Ratio Lower Upper

69 100

41 0.0 53.9 80.9#

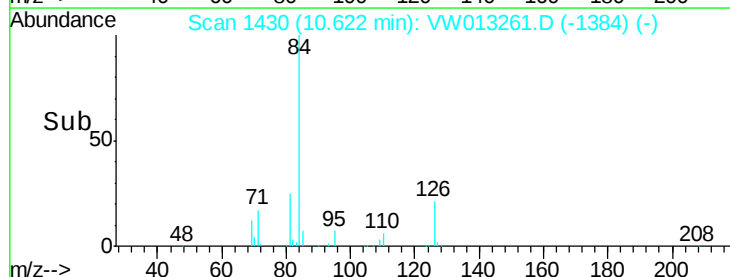
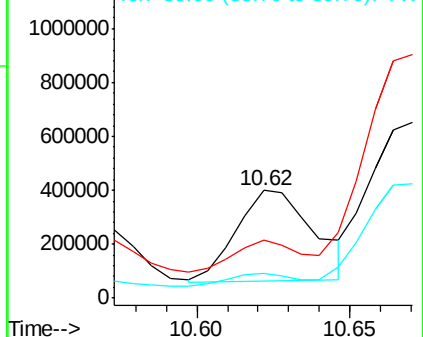
39 19.0 23.8 35.6#

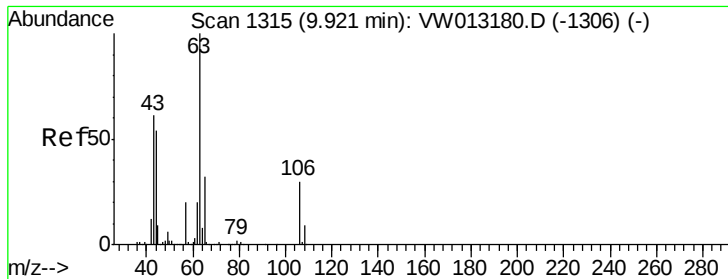


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

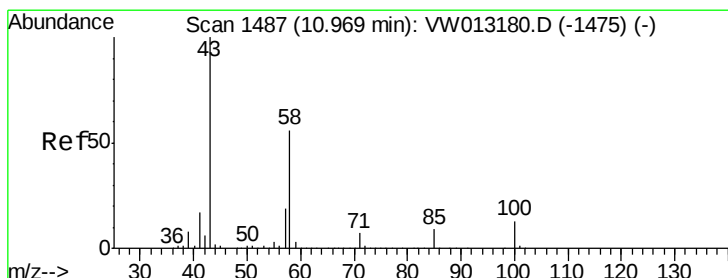
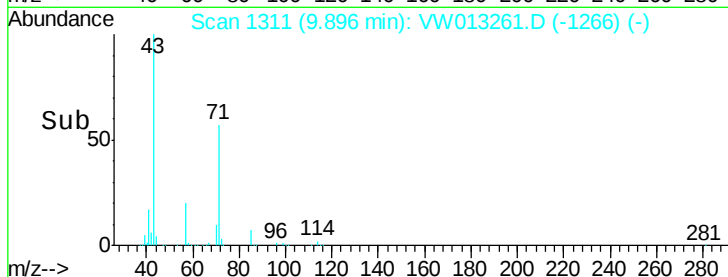
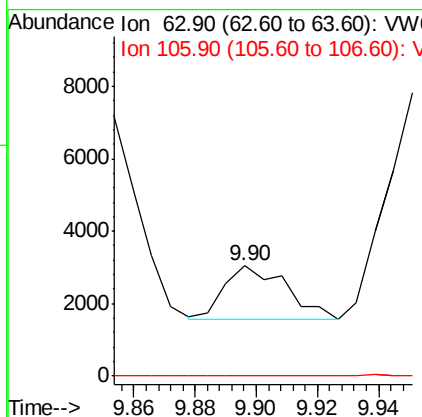
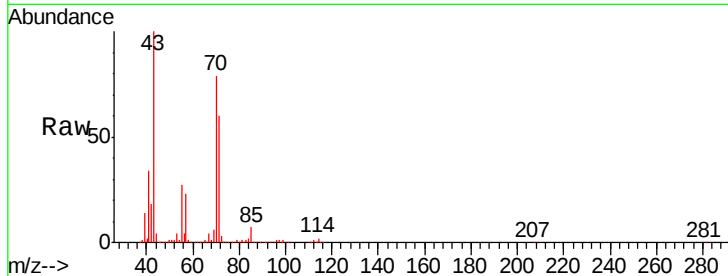




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.500 ug/l
 RT: 9.90 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

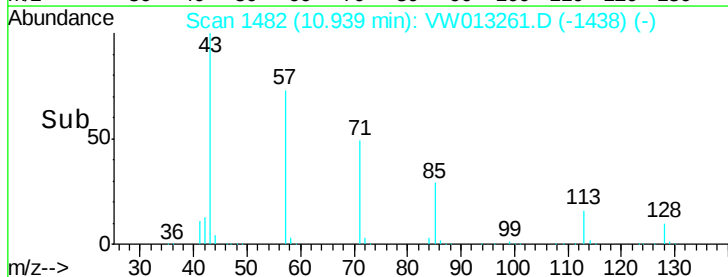
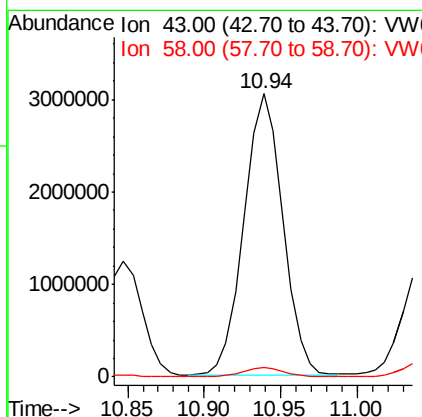
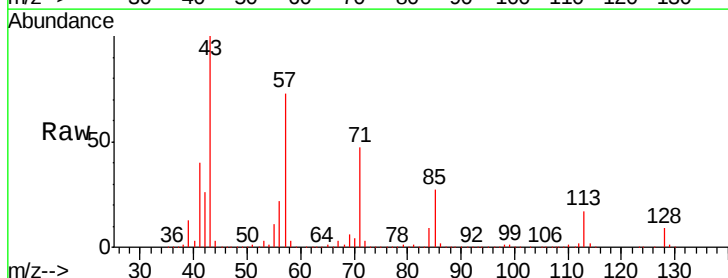
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

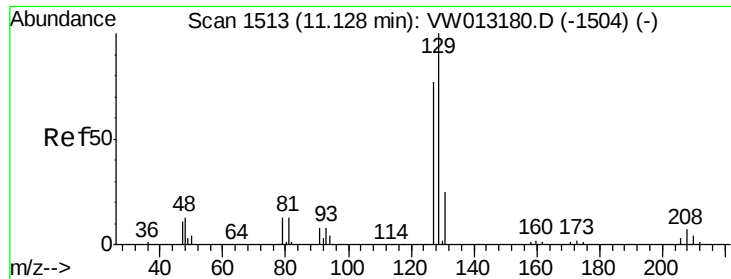
Tgt Ion: 63 Resp: 2048
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.4 35.0#



#59
 2-Hexanone
 Concen: 4216.973 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

Tgt Ion: 43 Resp: 5401096
 Ion Ratio Lower Upper
 43 100
 58 3.4 28.1 84.2#





#60

Dibromochloromethane

Concen: 6.790 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

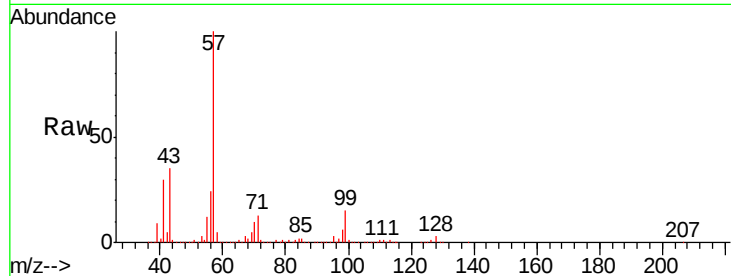
SB-1

Tgt Ion:129 Resp: 17369

Ion Ratio Lower Upper

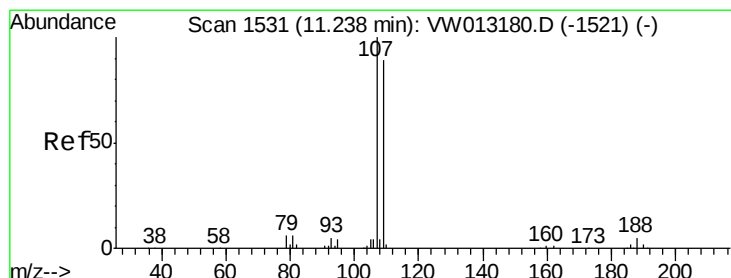
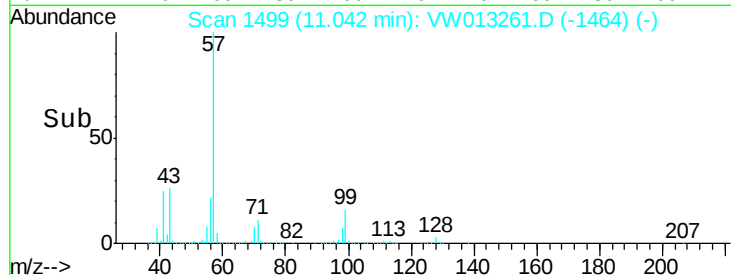
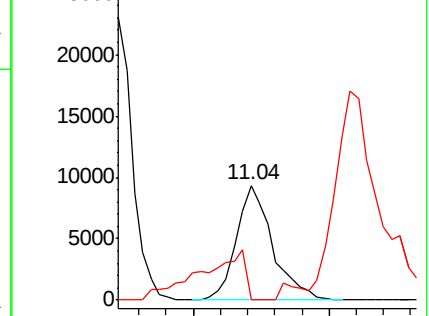
129 100

127 53.8 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.260 ug/l

RT: 11.23 min Scan# 1529

Delta R.T. -0.01 min

Lab File: VW013261.D

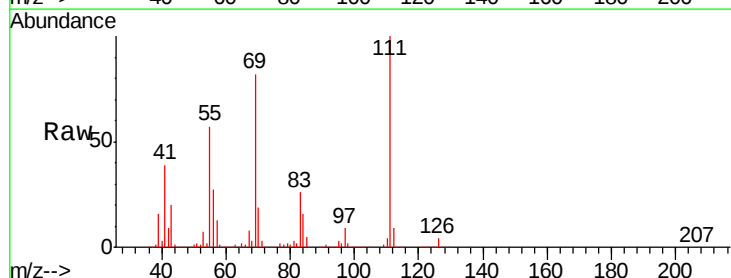
Acq: 24 Sep 2019 06:22

Tgt Ion:107 Resp: 4840

Ion Ratio Lower Upper

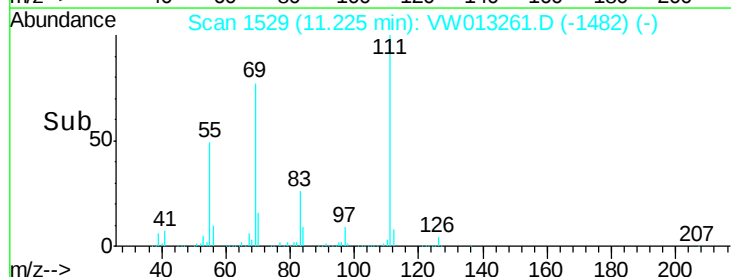
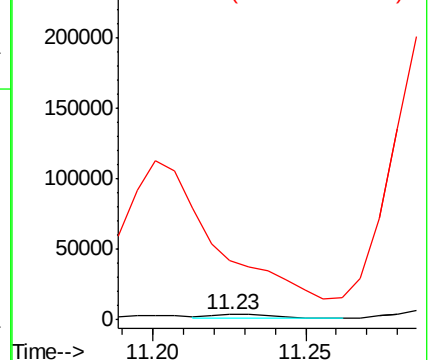
107 100

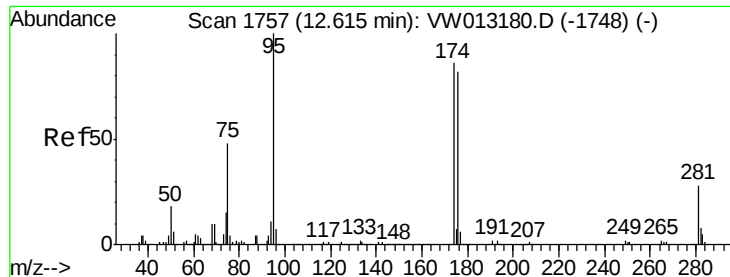
109 0.0 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 258.823 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

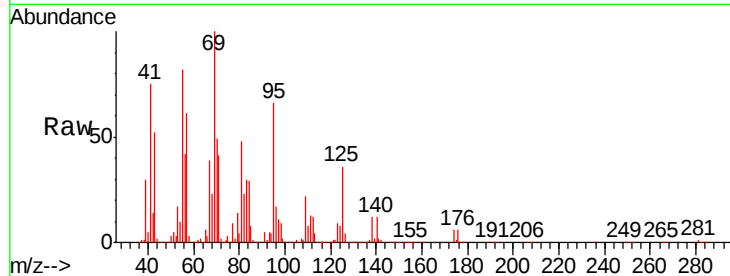
Tgt Ion: 95 Resp: 957872

Ion Ratio Lower Upper

95 100

174 10.2 0.0 178.4

176 9.7 0.0 172.2

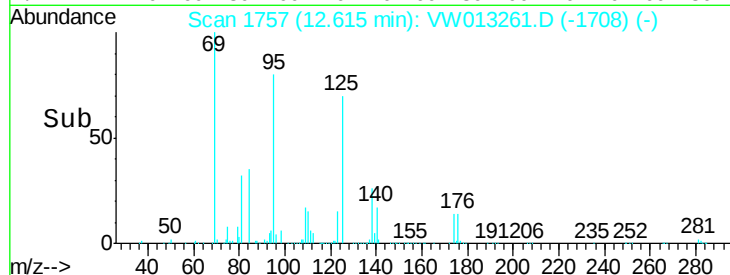


Abundance Ion 94.90 (94.60 to 95.60): VW

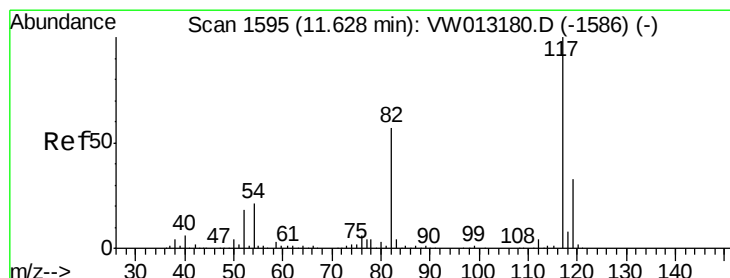
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

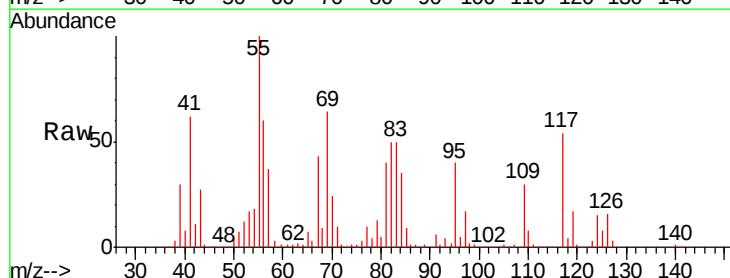
Tgt Ion: 117 Resp: 353134

Ion Ratio Lower Upper

117 100

82 32.4 45.9 68.9#

119 31.6 26.2 39.2

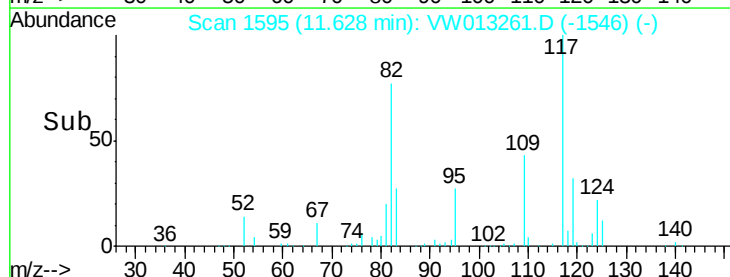


Abundance Ion 116.90 (116.60 to 117.60): VW

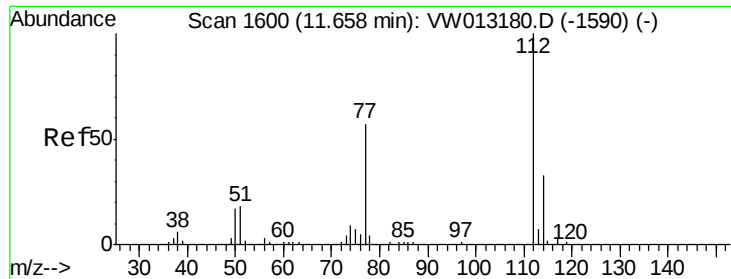
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

Time-->



Time-->



#65

Chlorobenzene

Concen: 6.823 ug/l

RT: 11.56 min Scan# 1584

Delta R.T. -0.10 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

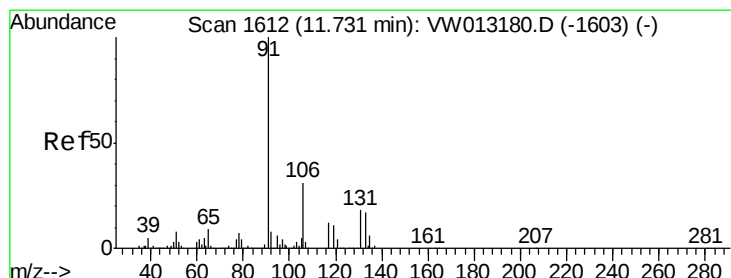
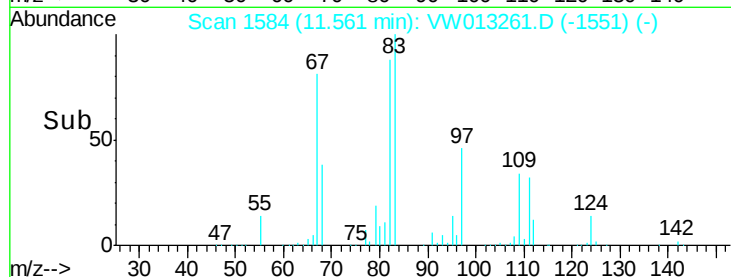
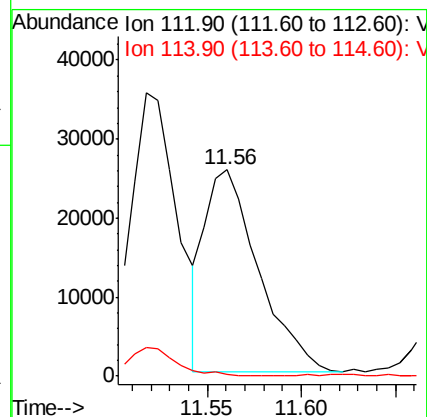
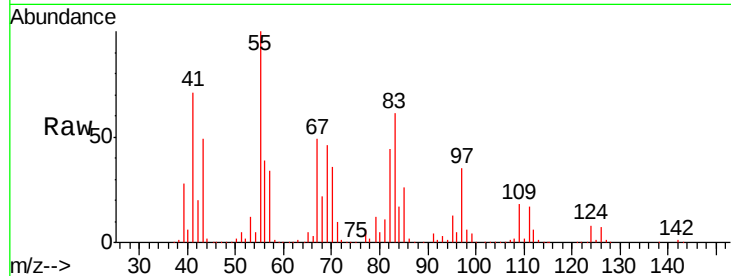
SB-1

Tgt Ion:112 Resp: 50312

Ion Ratio Lower Upper

112 100

114 0.0 26.5 39.7#



#67

Ethyl Benzene

Concen: 947.082 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013261.D

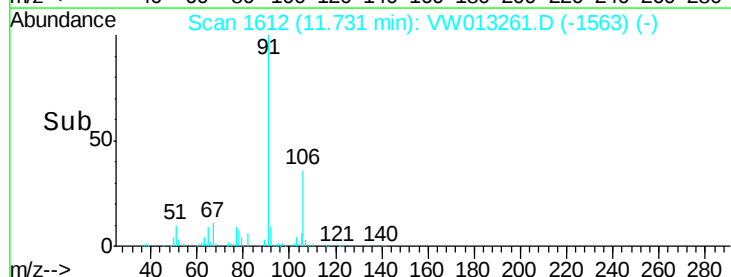
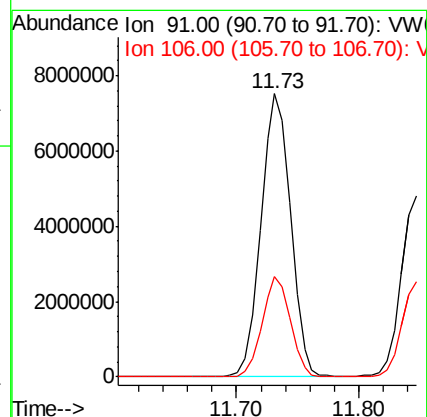
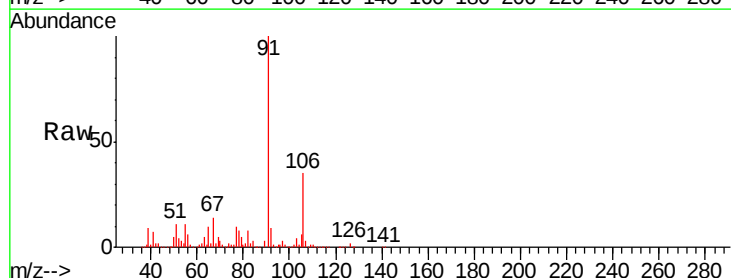
Acq: 24 Sep 2019 06:22

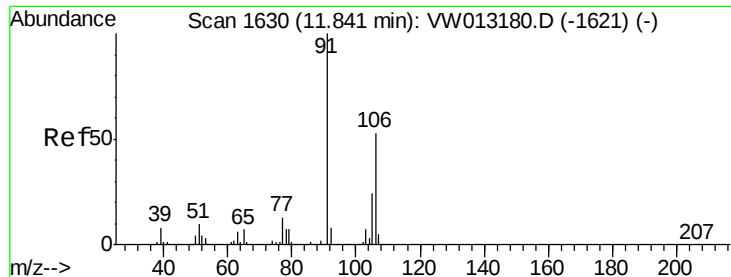
Tgt Ion: 91 Resp:12654114

Ion Ratio Lower Upper

91 100

106 35.4 24.9 37.3

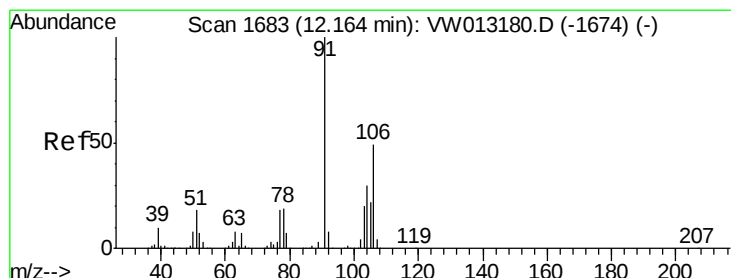
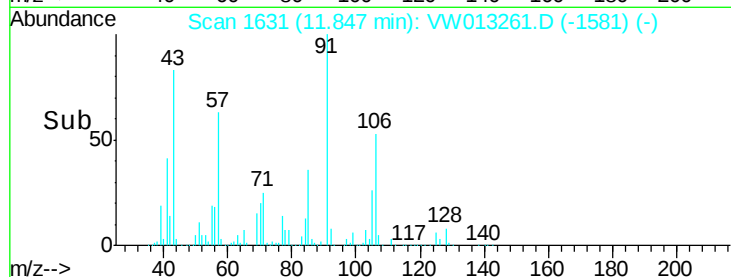
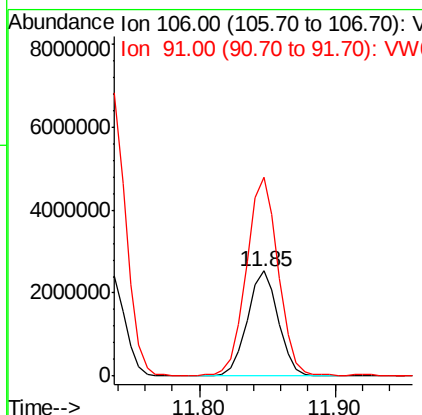
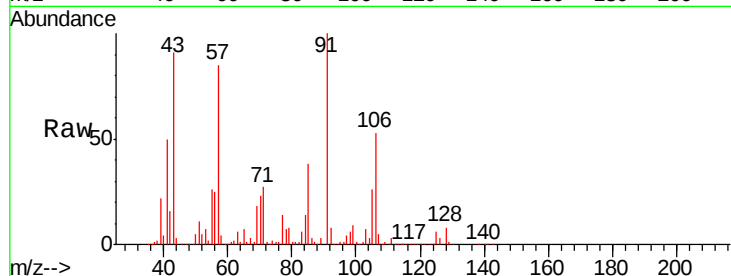




#68
m/p-Xylenes
Concen: 787.163 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

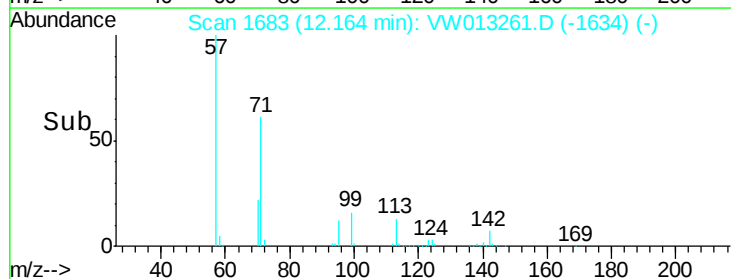
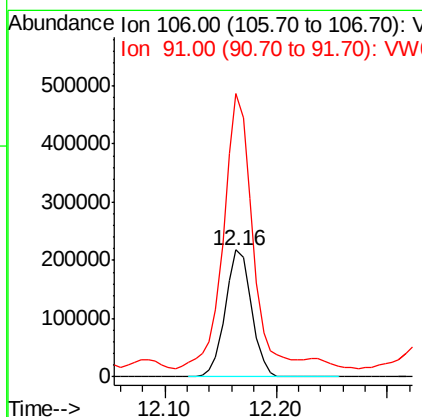
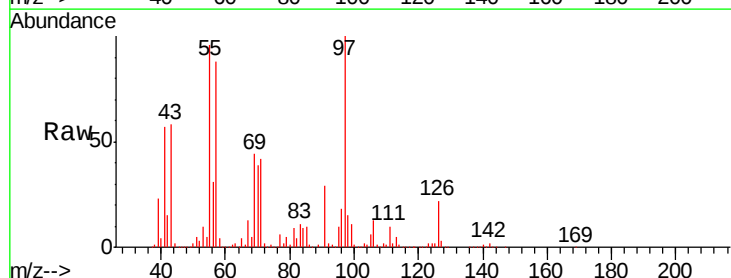
Instrument :
MSVOA_W
ClientSampled :
SB-1

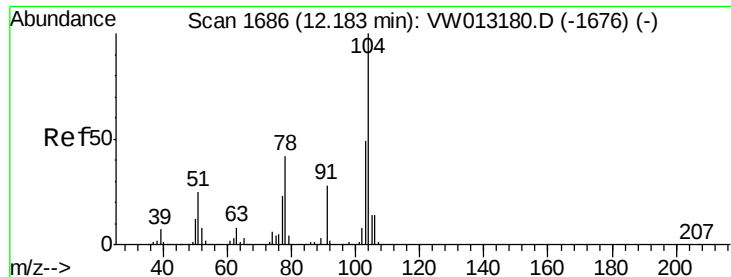
Tgt Ion:106 Resp: 4007790
Ion Ratio Lower Upper
106 100
91 194.1 157.9 236.9



#69
o-Xylene
Concen: 75.573 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion:106 Resp: 357734
Ion Ratio Lower Upper
106 100
91 233.5 106.5 319.5

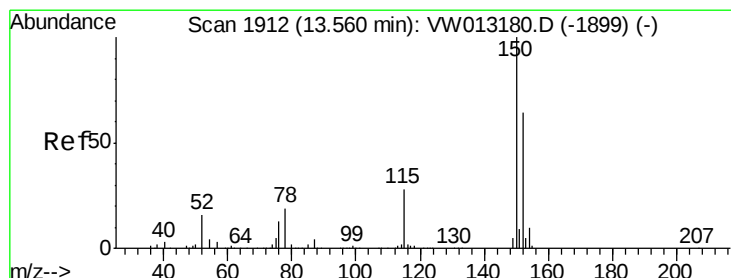
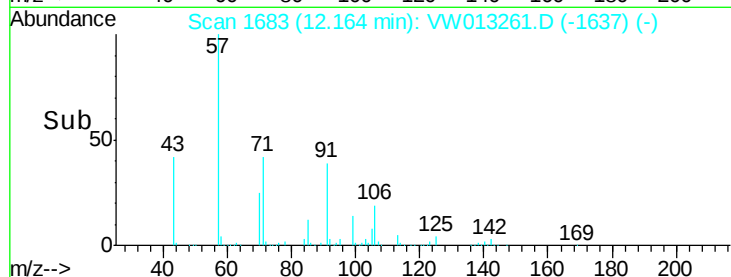
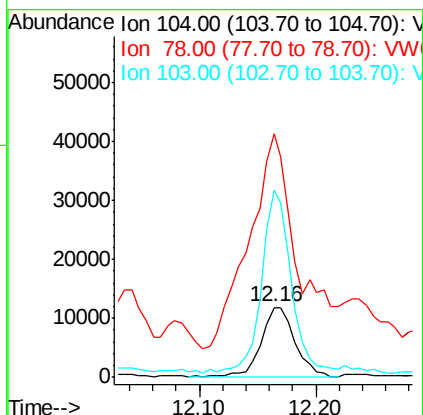
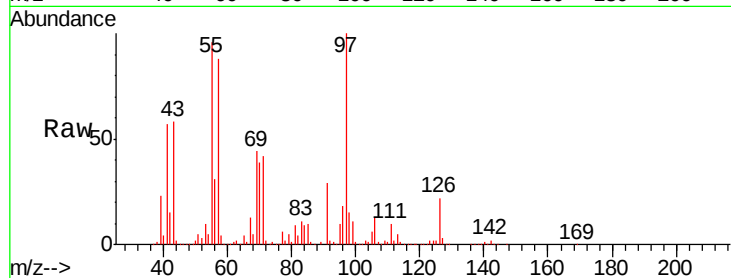




#70
Styrene
Concen: 3.012 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

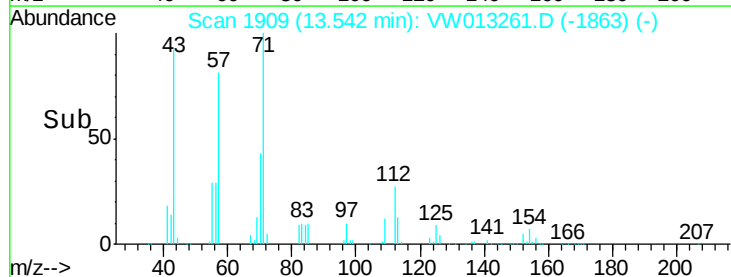
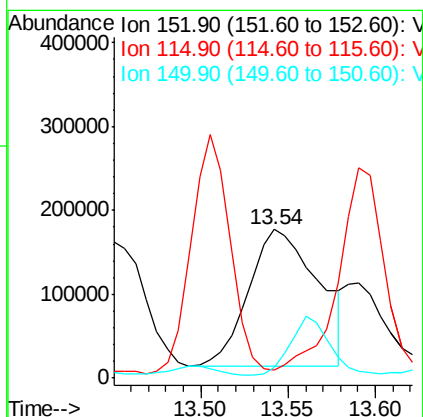
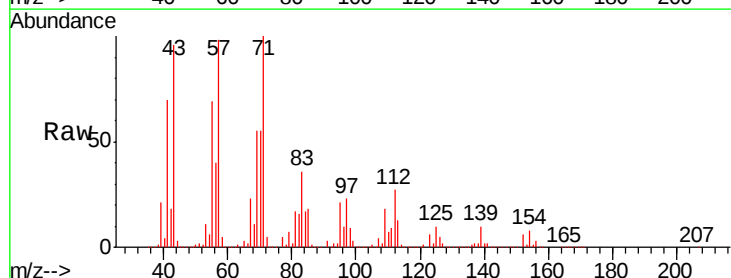
Instrument :
MSVOA_W
ClientSampled :
SB-1

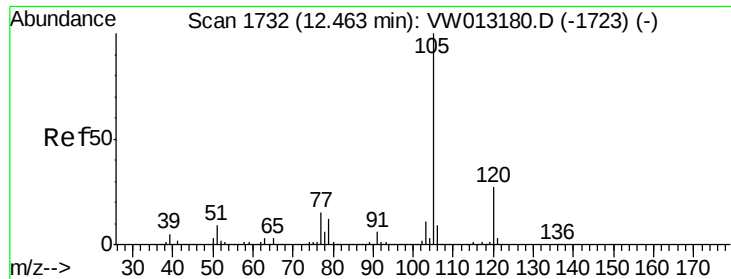
Tgt Ion:104 Resp: 24479
Ion Ratio Lower Upper
104 100
78 434.2 38.4 57.6#
103 225.8 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.54 min Scan# 1909
Delta R.T. -0.02 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion:152 Resp: 451695
Ion Ratio Lower Upper
152 100
115 0.0 27.3 81.9#
150 24.1 0.0 349.0





#73

Isopropylbenzene

Concen: 178.413 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

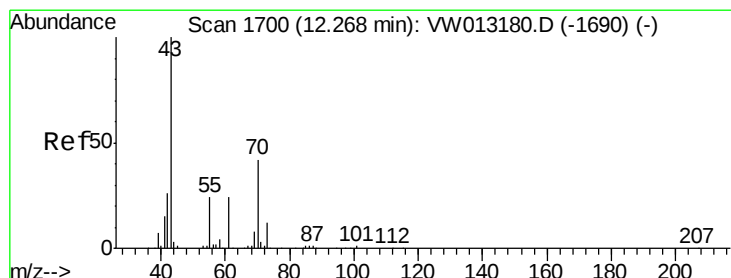
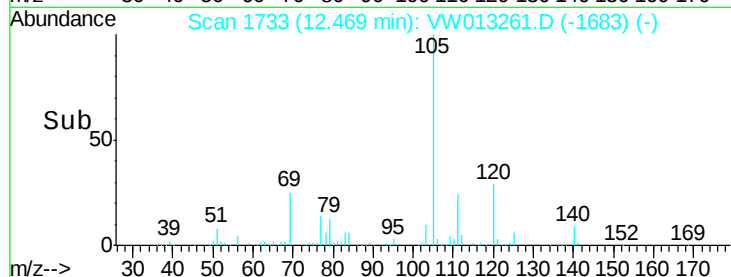
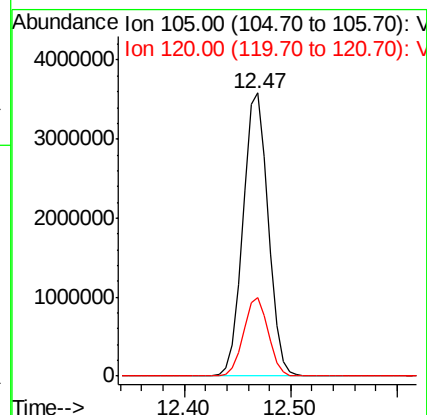
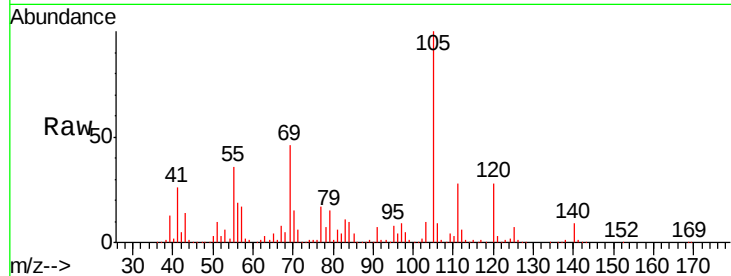
SB-1

Tgt Ion:105 Resp: 5953119

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 892.620 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Tgt Ion: 43 Resp: 6609092

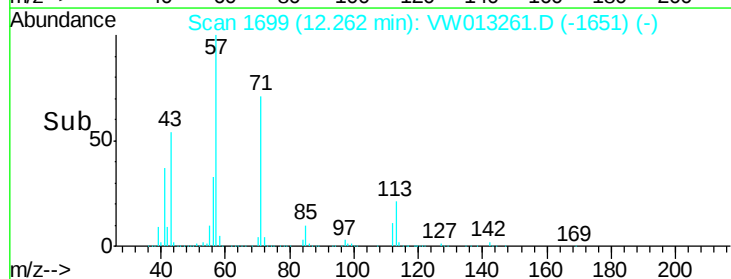
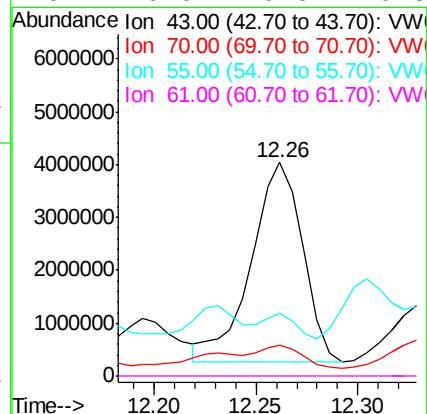
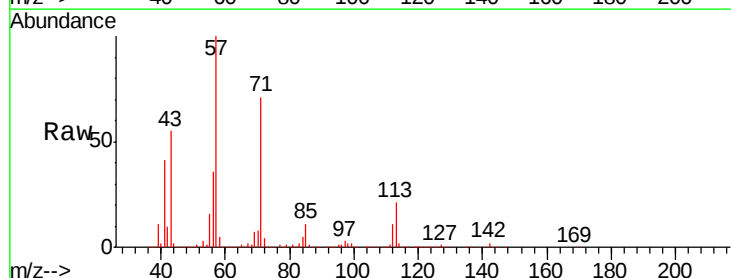
Ion Ratio Lower Upper

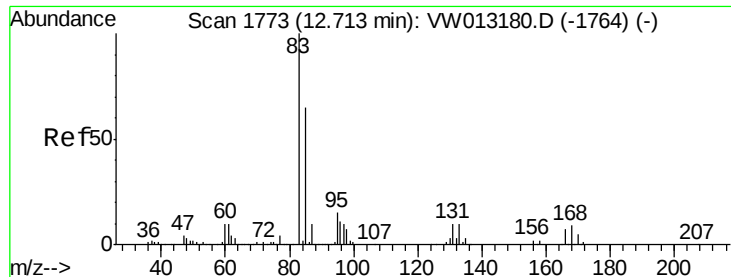
43 100

70 9.5 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.645 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

SB-1

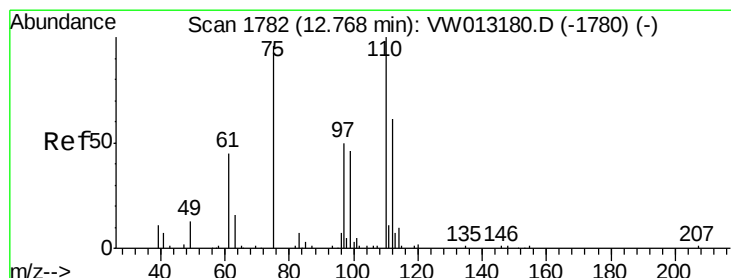
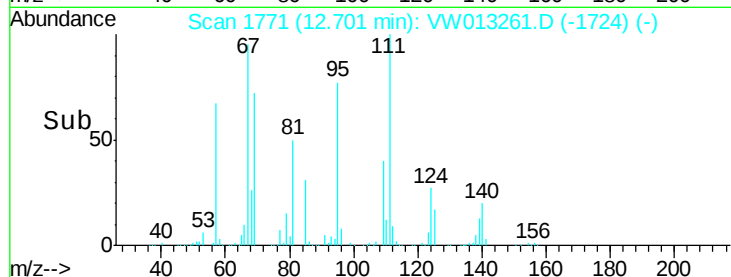
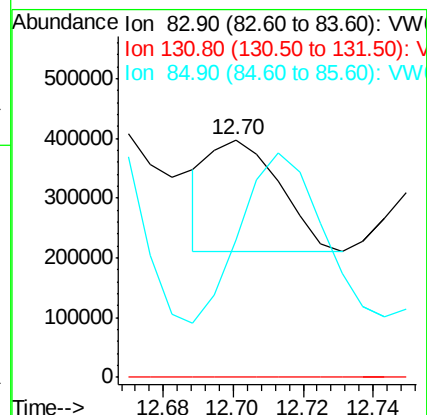
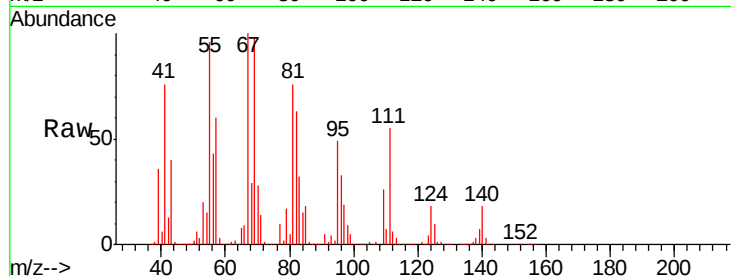
Tgt Ion: 83 Resp: 260295

Ion Ratio Lower Upper

83 100

131 0.1 5.4 16.2#

85 175.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 20.317 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW013261.D

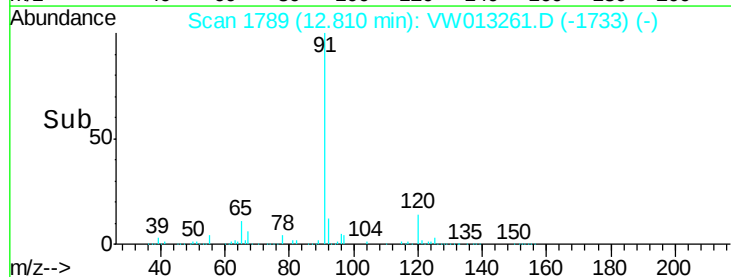
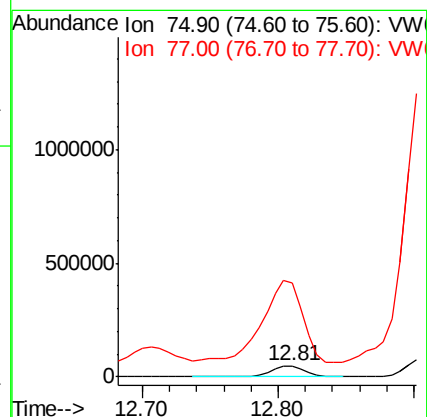
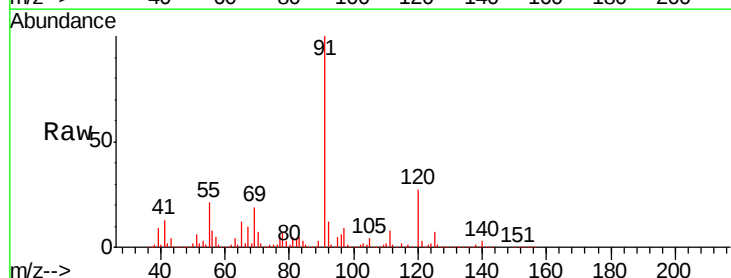
Acq: 24 Sep 2019 06:22

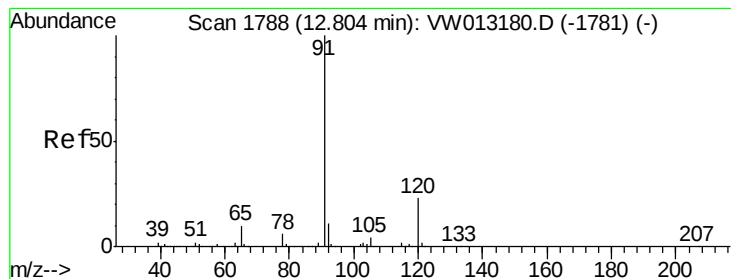
Tgt Ion: 75 Resp: 81045

Ion Ratio Lower Upper

75 100

77 933.5 0.0 0.0#





#78

n-propylbenzene

Concen: 334.511 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

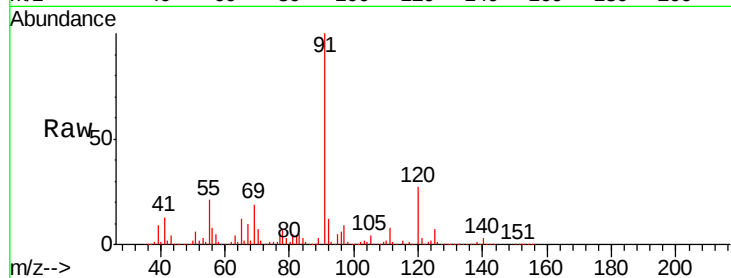
SB-1

Tgt Ion: 91 Resp:13065082

Ion Ratio Lower Upper

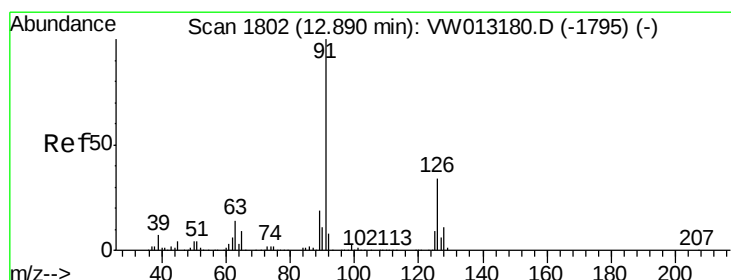
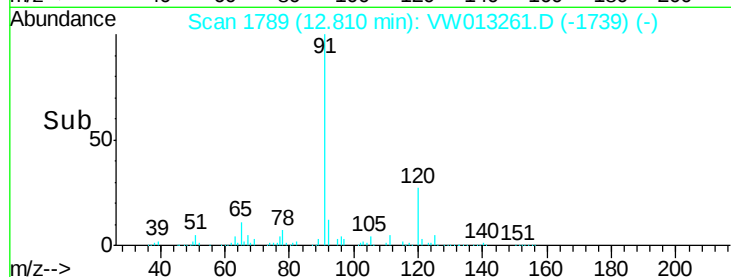
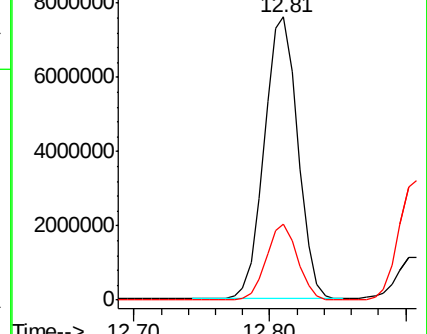
91 100

120 25.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 93.201 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW013261.D

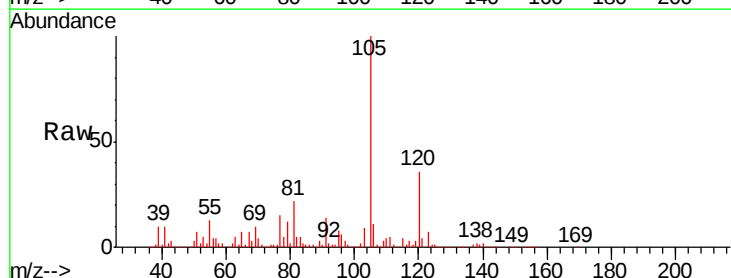
Acq: 24 Sep 2019 06:22

Tgt Ion: 91 Resp: 2039364

Ion Ratio Lower Upper

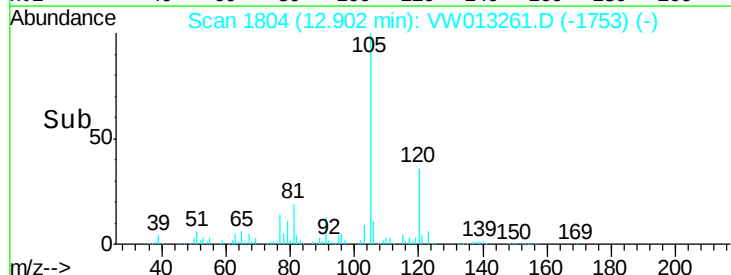
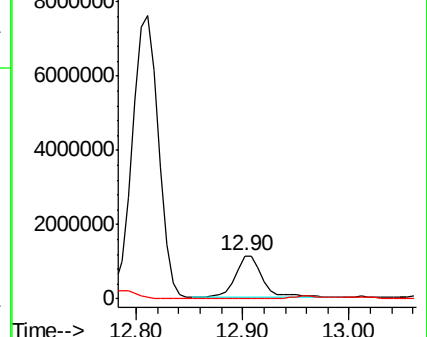
91 100

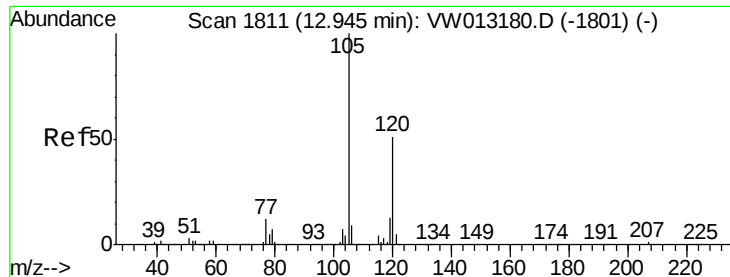
126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

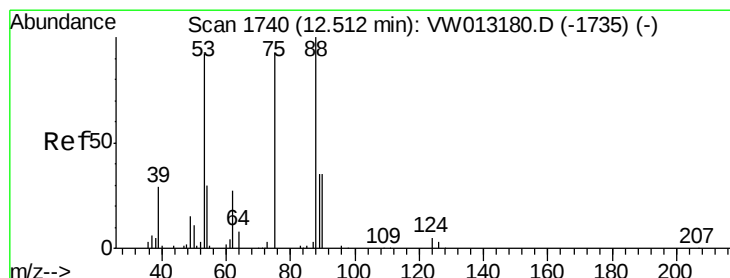
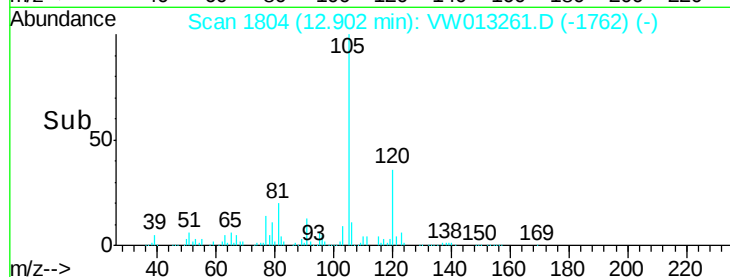
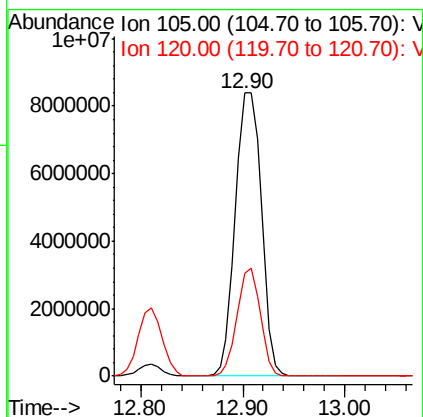
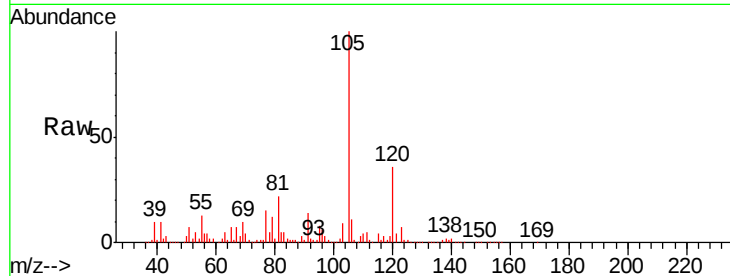




#80
 1,3,5-Trimethylbenzene
 Concen: 529.932 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. -0.04 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

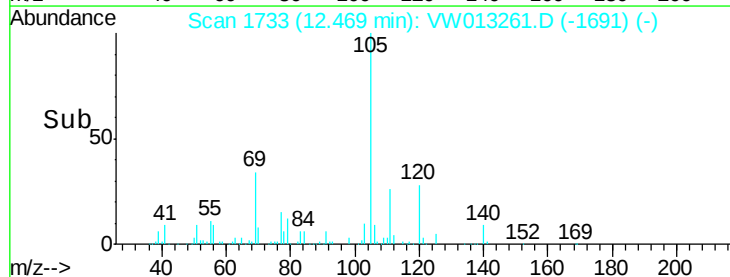
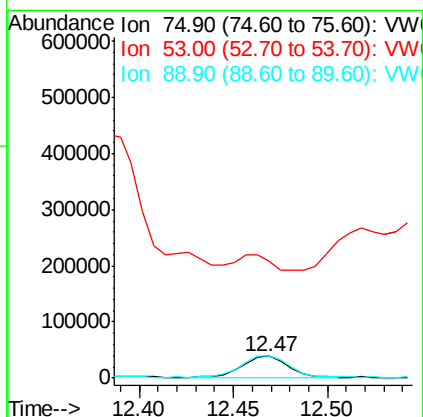
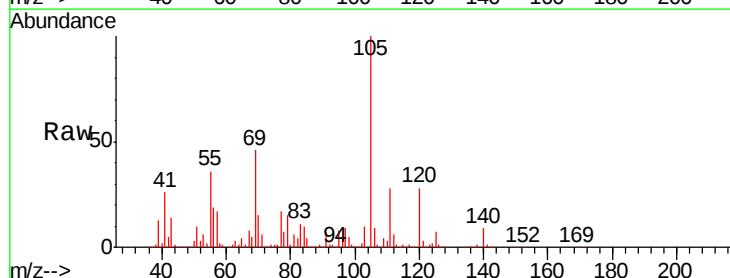
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

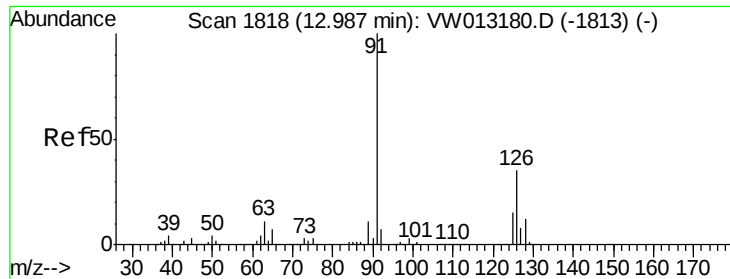
Tgt Ion:105 Resp:14863810
 Ion Ratio Lower Upper
 105 100
 120 34.0 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.231 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. -0.04 min
 Lab File: VW013261.D
 Acq: 24 Sep 2019 06:22

Tgt Ion: 75 Resp: 62631
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 106.8 33.5 50.3#

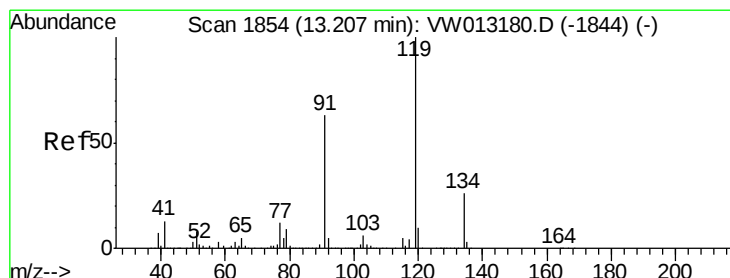
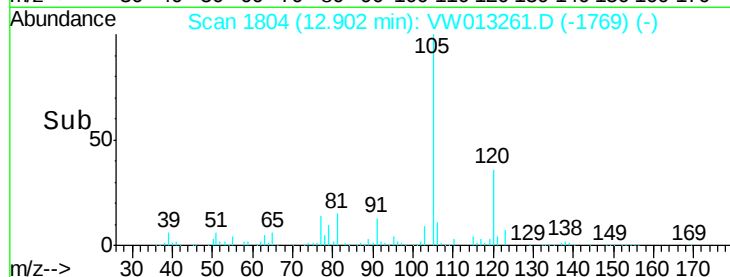
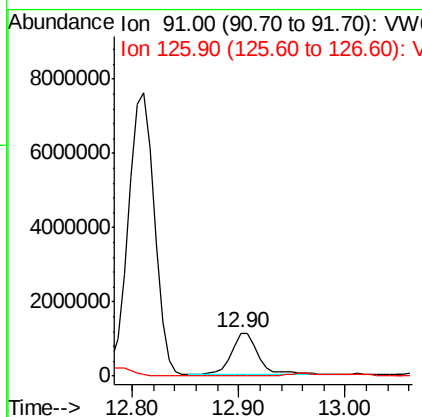
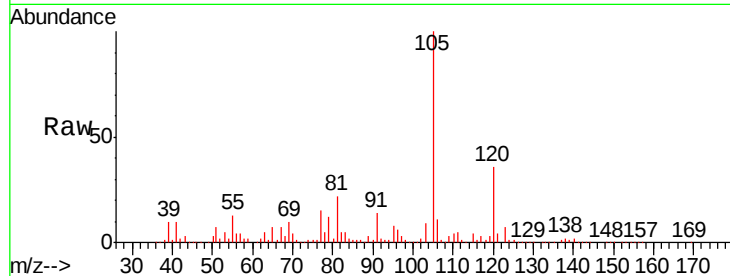




#82
4-Chlorotoluene
Concen: 88.381 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. -0.09 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

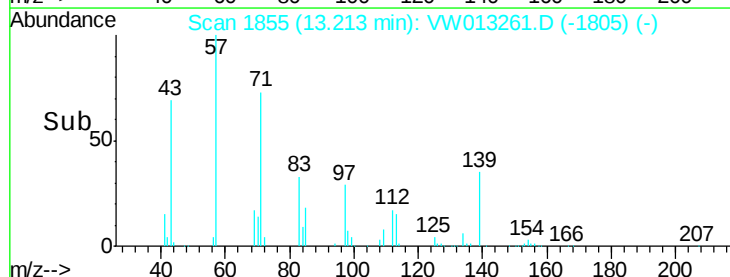
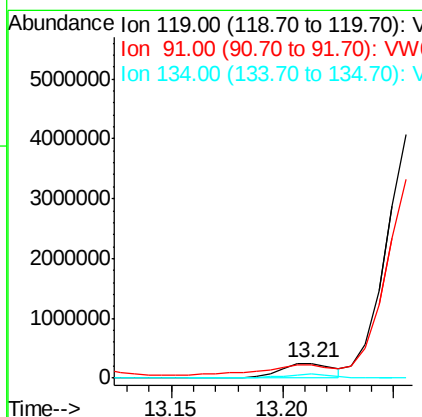
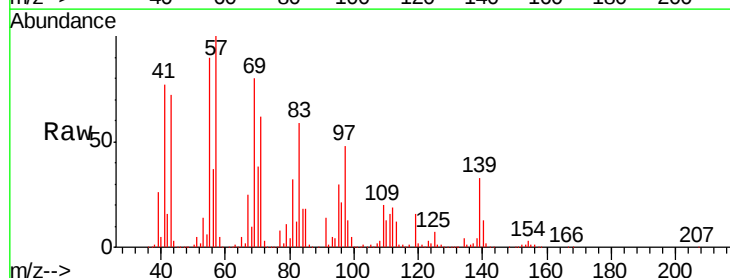
Instrument :
MSVOA_W
ClientSampleId :
SB-1

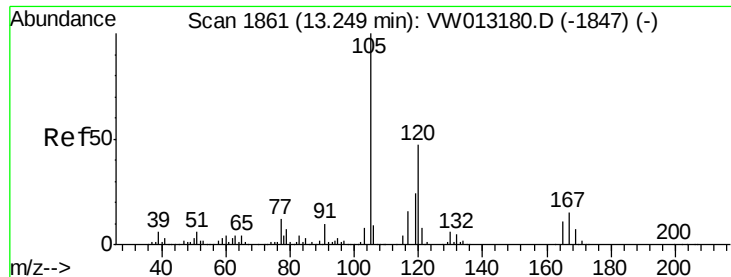
Tgt Ion: 91 Resp: 2039364
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#83
tert-Butylbenzene
Concen: 16.607 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 119 Resp: 408845
Ion Ratio Lower Upper
119 100
91 80.9 30.7 92.1
134 26.9 12.6 37.6

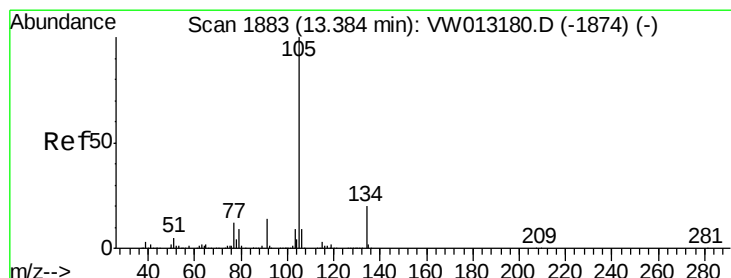
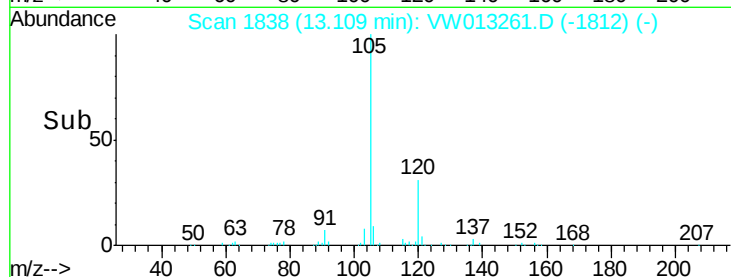
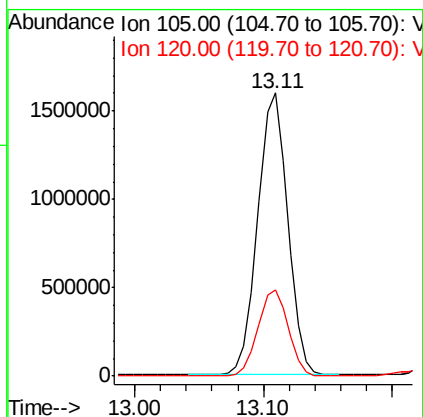
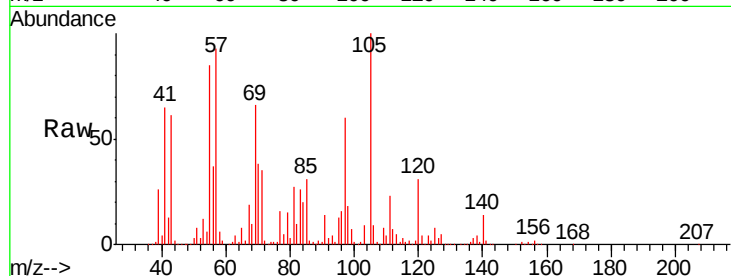




#84
1,2,4-Trimethylbenzene
Concen: 91.922 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. -0.14 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

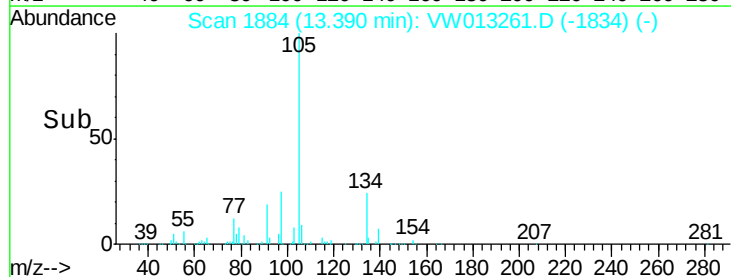
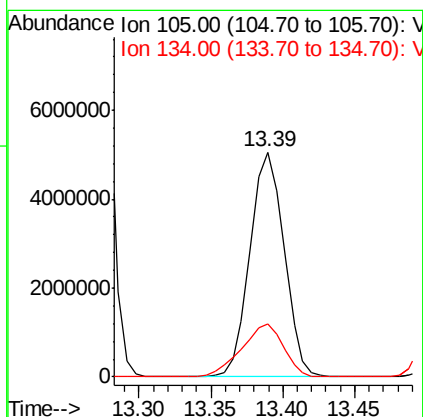
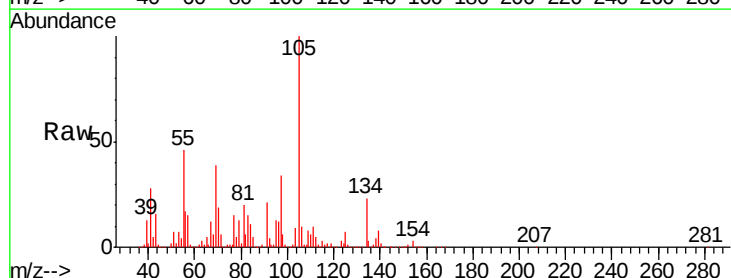
Instrument :
MSVOA_W
ClientSampled :
SB-1

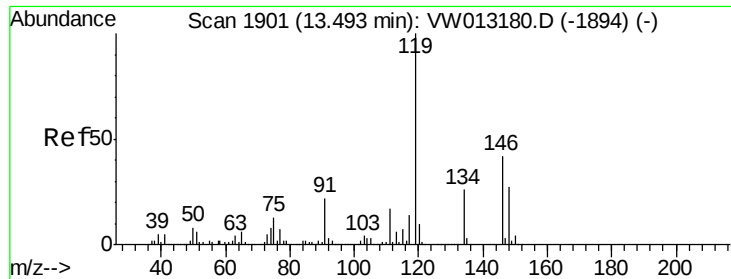
Tgt Ion:105 Resp: 2565602
Ion Ratio Lower Upper
105 100
120 31.0 23.4 70.3



#85
sec-Butylbenzene
Concen: 242.046 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion:105 Resp: 8215322
Ion Ratio Lower Upper
105 100
134 29.3 10.3 30.8

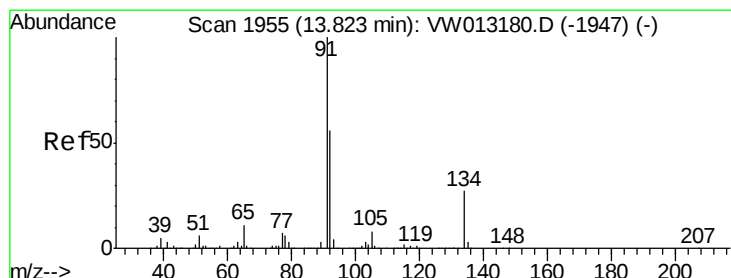
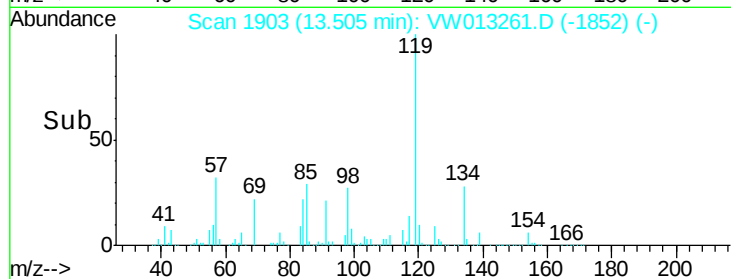
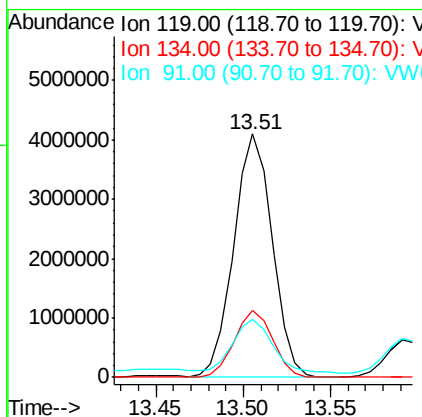
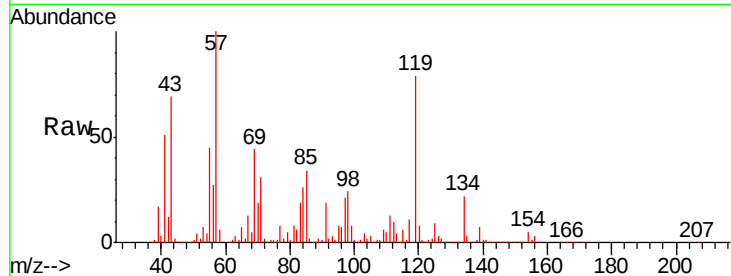




#86
p-Isopropyltoluene
Concen: 199.291 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

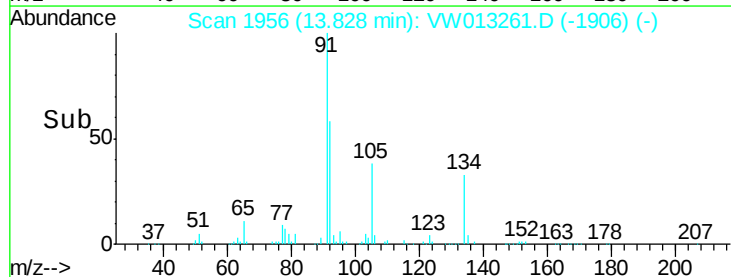
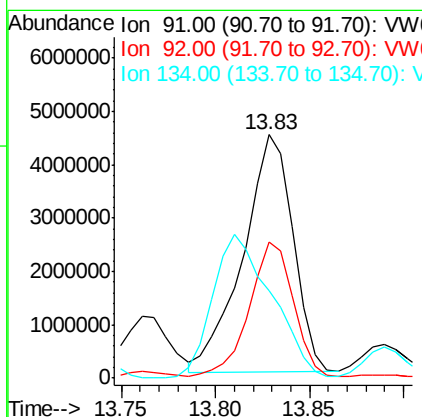
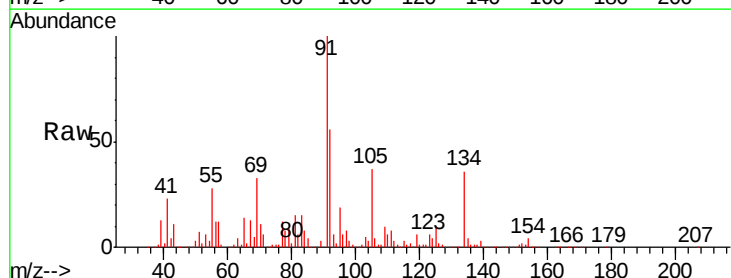
Instrument :
MSVOA_W
ClientSampled :
SB-1

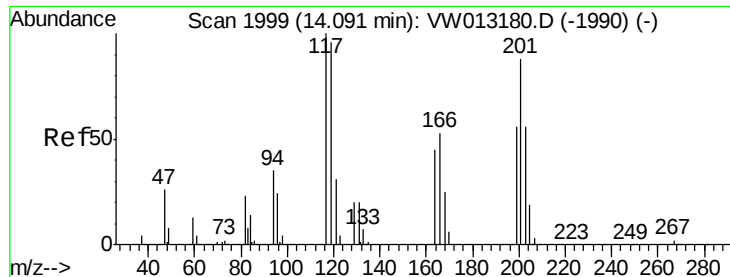
Tgt Ion: 119 Resp: 6273821
Ion Ratio Lower Upper
119 100
134 27.3 13.3 39.8
91 22.9 10.8 32.4



#89
n-Butylbenzene
Concen: 285.824 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW013261.D
Acq: 24 Sep 2019 06:22

Tgt Ion: 91 Resp: 8216047
Ion Ratio Lower Upper
91 100
92 49.7 27.6 82.8
134 71.6 13.7 41.1#





#90

Hexachloroethane

Concen: 352.280 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

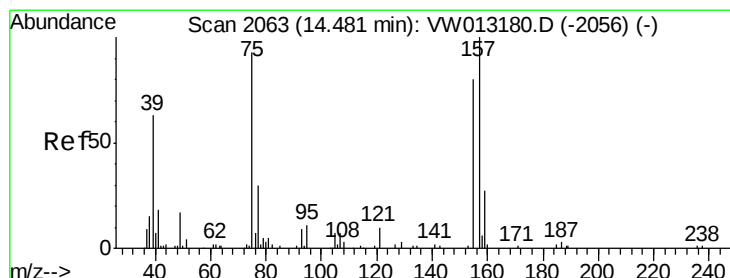
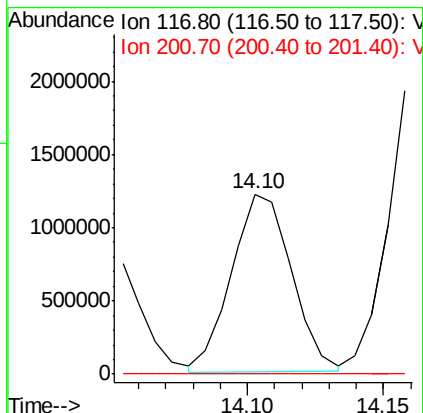
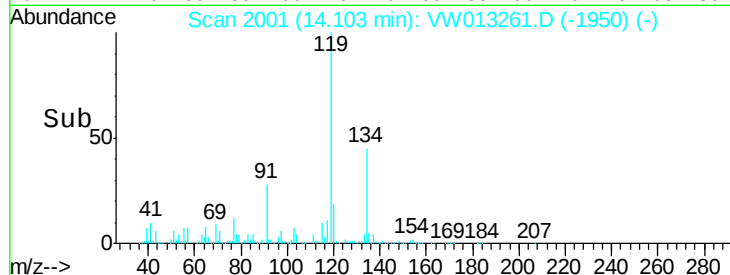
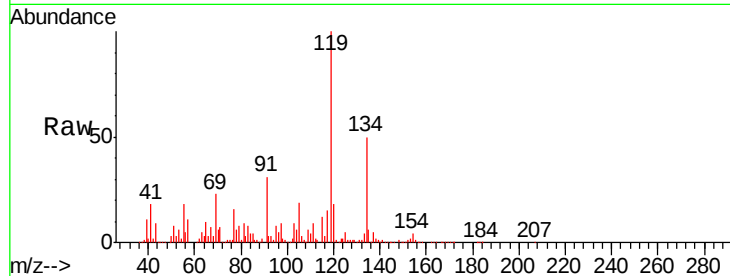
SB-1

Tgt Ion:117 Resp: 1863030

Ion Ratio Lower Upper

117 100

201 0.0 44.5 133.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 81.213 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

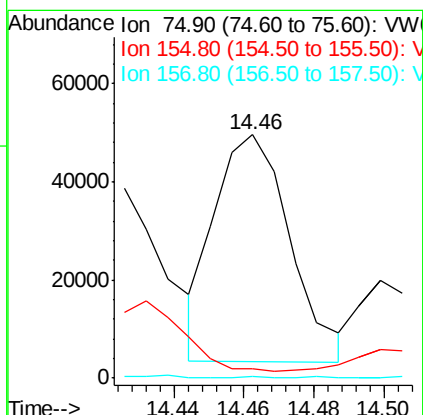
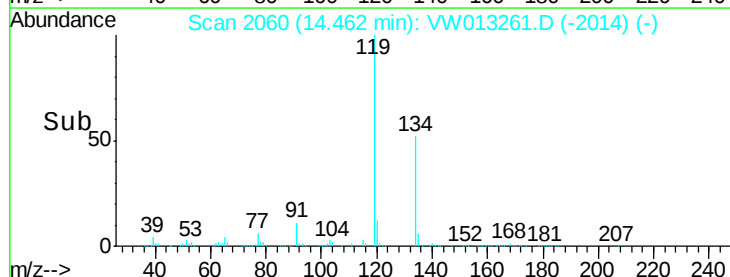
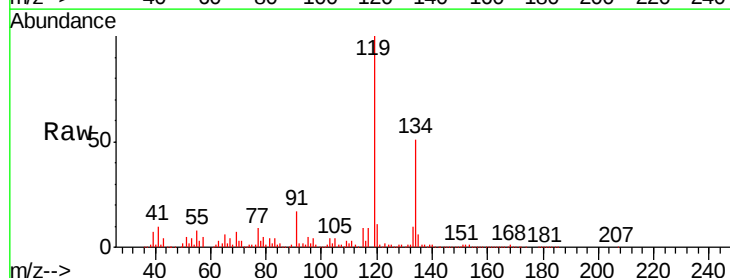
Tgt Ion: 75 Resp: 69319

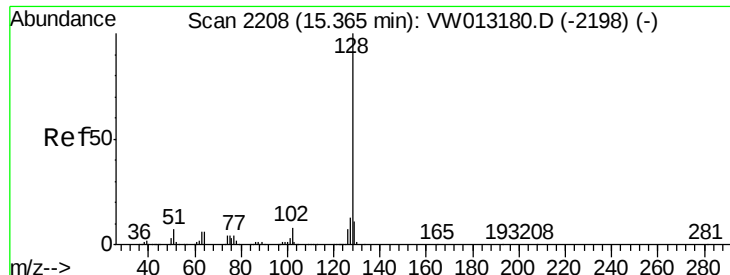
Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.6 60.4 181.2#





#95

Naphthalene

Concen: 631.025 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013261.D

Acq: 24 Sep 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-1

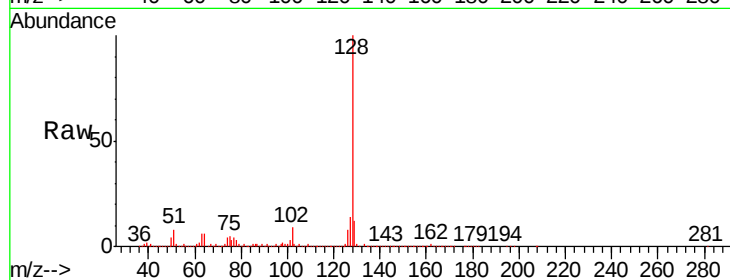
Tgt Ion:128 Resp: 9736304

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

