

Data File : VW013946.D
Acq On : 08 Nov 2019 15:54
Operator : SY/VA
Sample : K5742-07
Misc : 5.91G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

Quant Time: Nov 09 03:19:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	424521	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116366	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
35) Dibromofluoromethane	7.88	113	121350	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.32	98	815512	83.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.12%	
62) 4-Bromofluorobenzene	12.62	95	753070	227.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	455.80%	

Target Compounds

						Qvalue
13) Acrolein	3.89	56	629	4.412	ug/l #	15
16) Acetone	4.12	43	32669	73.923	ug/l	96
17) Carbon Disulfide	4.38	76	9246	1.292	ug/l	98
18) Methyl Acetate	4.68	43	1394	1.151	ug/l #	50
20) Methylene Chloride	4.92	84	10420	Below Cal	#	86
25) 2-Butanone	7.18	43	14753	23.220	ug/l #	85
28) Bromochloromethane	7.65	49	20	1.353	ug/l #	7
31) Cyclohexane	7.96	56	41935	9.053	ug/l #	87
36) 1,1-Dichloropropene	7.95	75	17975	4.478	ug/l #	50
37) Ethyl Acetate	7.18	43	14753	9.601	ug/l #	68
38) Carbon Tetrachloride	7.95	117	24438	6.761	ug/l #	15
39) Methylcyclohexane	9.34	83	694329	133.939	ug/l	94
43) Isopropyl Acetate	8.42	43	64618	21.969	ug/l #	49
45) 1,2-Dichloropropane	9.33	63	7406	2.729	ug/l #	1
47) Bromodichloromethane	9.61	83	31410	9.218	ug/l #	67
48) Methyl methacrylate	9.38	41	101195	69.379	ug/l #	30
51) 4-Methyl-2-Pentanone	10.25	43	26735	18.292	ug/l #	67
52) Toluene	10.39	92	8887	1.213	ug/l #	69
55) 1,1,2-Trichloroethane	10.76	97	1315223	670.088	ug/l #	21
56) Ethyl methacrylate	10.66	69	511505	208.296	ug/l #	17
59) 2-Hexanone	10.94	43	1739553	1726.415	ug/l #	28
60) Dibromochloromethane	11.04	129	7845	3.366	ug/l #	32
61) 1,2-Dibromoethane	11.24	107	2095	1.128	ug/l #	2
65) Chlorobenzene	11.55	112	20761	3.536	ug/l #	42
67) Ethyl Benzene	11.73	91	58062	5.485	ug/l	95
68) m/p-Xylenes	11.84	106	53561	13.096	ug/l	88
69) o-Xylene	12.17	106	11498	3.059	ug/l #	1
73) Isopropylbenzene	12.47	105	63258	2.075	ug/l	95
74) N-amyl acetate	12.26	43	4556201	772.588	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.69	83	601107	124.948	ug/l #	40
76) 1,2,3-Trichloropropane	12.79	75	3283	1.077	ug/l #	100
77) Bromobenzene	12.72	156	16428	2.256	ug/l #	1
78) n-propylbenzene	12.79	91	141463	4.009	ug/l #	69
79) 2-Chlorotoluene	12.90	91	131825	6.648	ug/l #	40

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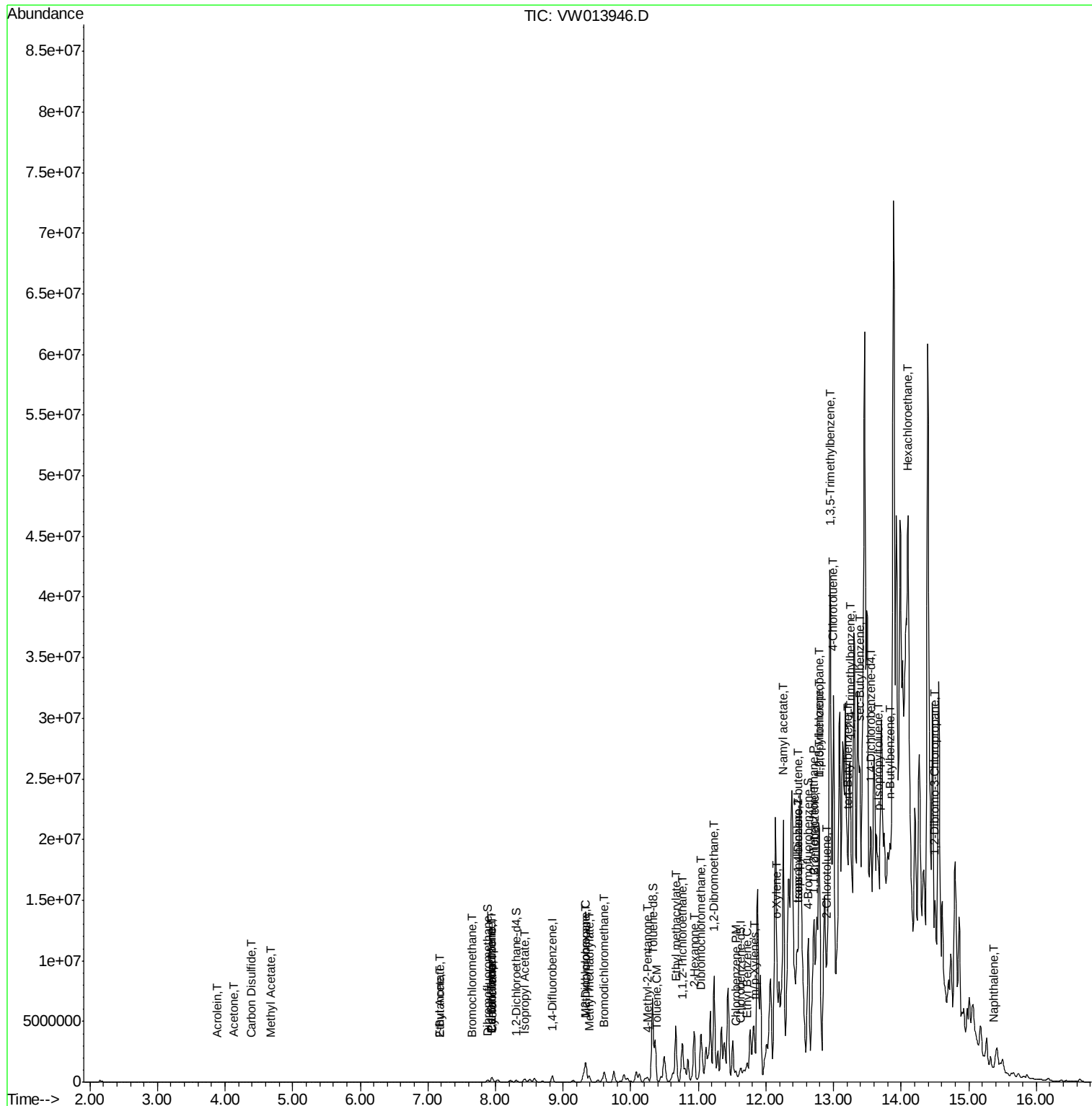
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.95	105	437602	17.004	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.47	75	1990	1.234	ug/l #	1
82) 4-Chlorotoluene	13.00	91	34776	1.670	ug/l #	1
83) tert-Butylbenzene	13.21	119	248991	10.900	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	2481751	97.758	ug/l	98
85) sec-Butylbenzene	13.39	105	1354488	43.360	ug/l #	55
86) p-Isopropyltoluene	13.66	119	805320	27.675	ug/l	90
89) n-Butylbenzene	13.83	91	858126	32.671	ug/l #	77
90) Hexachloroethane	14.10	117	817645	161.659	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11607	15.955	ug/l #	1
95) Naphthalene	15.36	128	22979	1.646	ug/l #	69

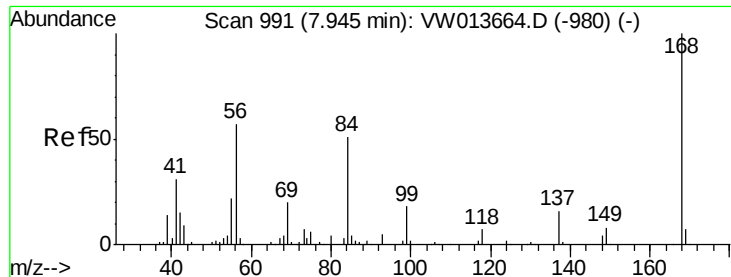
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

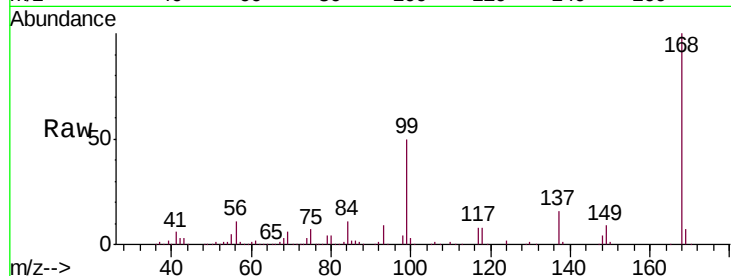
SB-35-(6-8)

Tgt Ion:168 Resp: 277844

Ion Ratio Lower Upper

168 100

99 50.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

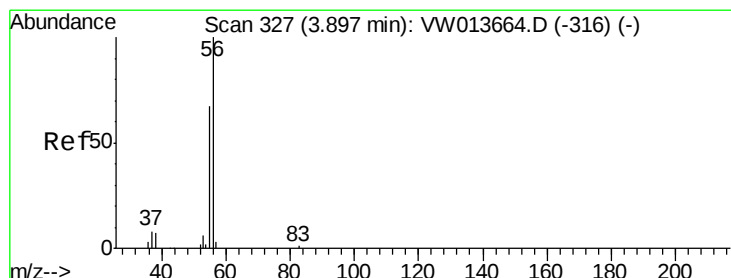
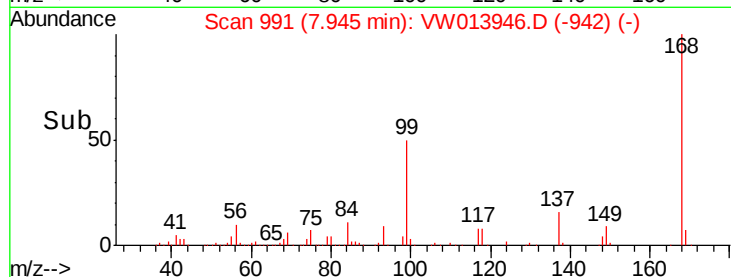
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 4.412 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013946.D

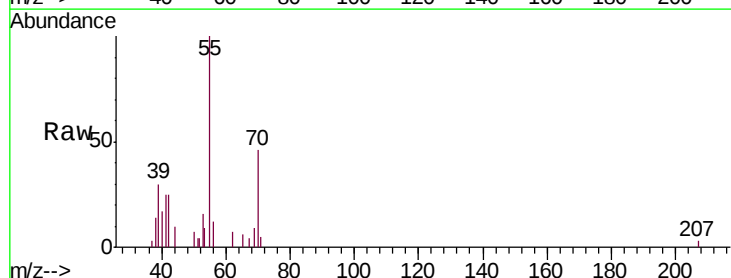
Acq: 08 Nov 2019 15:54

Tgt Ion: 56 Resp: 629

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

5000

4000

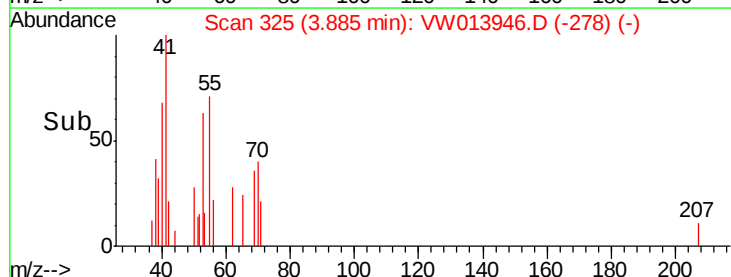
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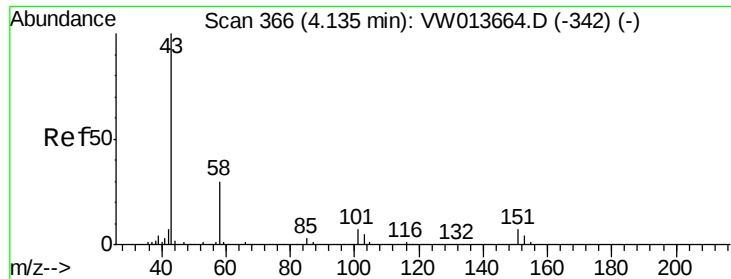
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1000

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Time-->

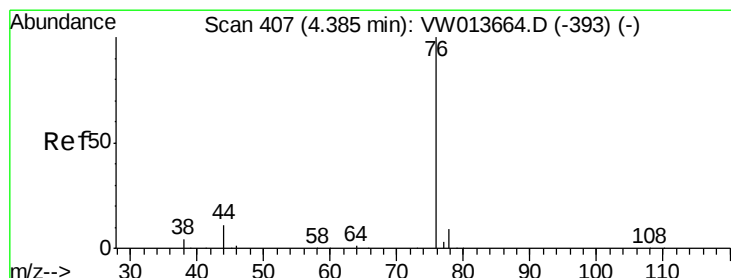
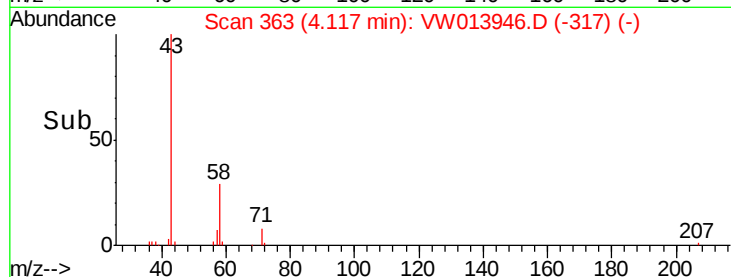
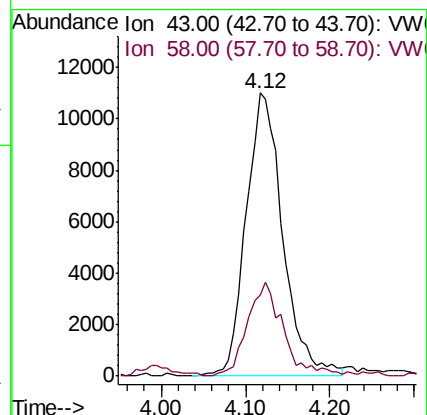
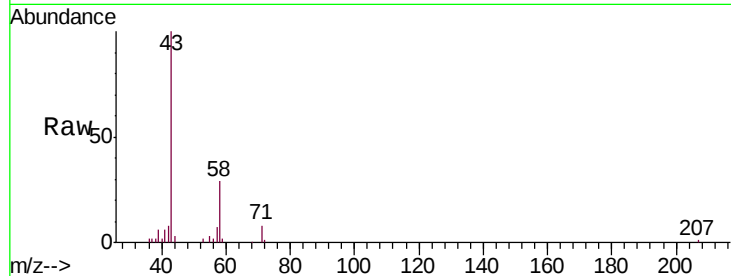




#16
Acetone
Concen: 73.923 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

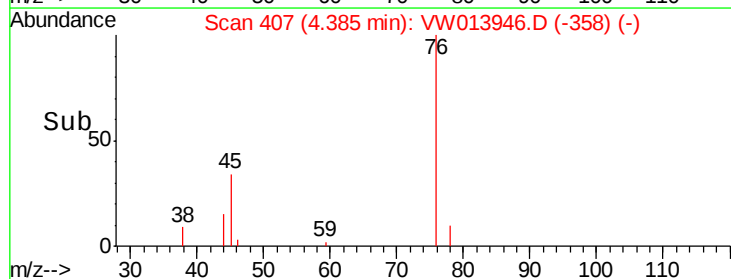
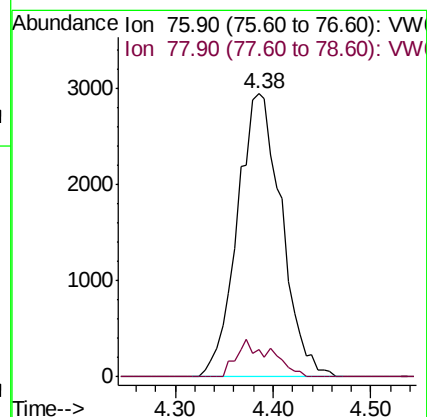
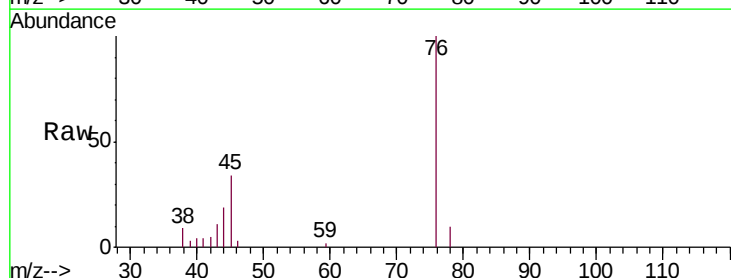
Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

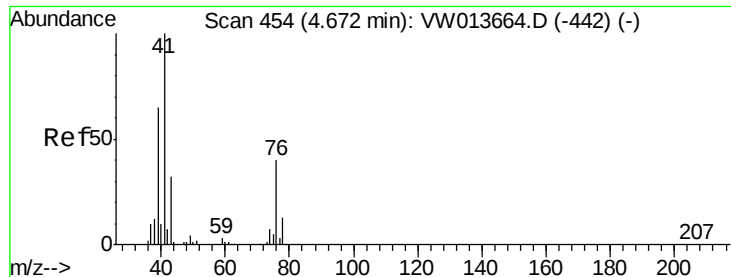
Tgt Ion: 43 Resp: 32669
Ion Ratio Lower Upper
43 100
58 27.9 24.1 36.1



#17
Carbon Disulfide
Concen: 1.292 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 76 Resp: 9246
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

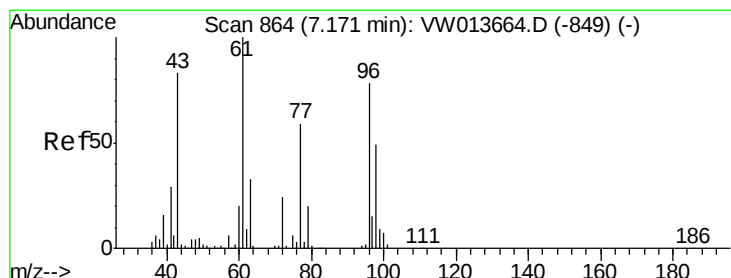
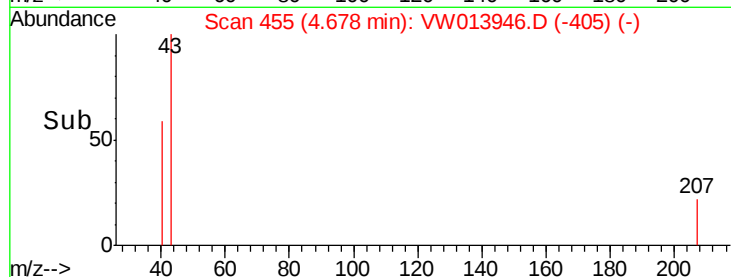
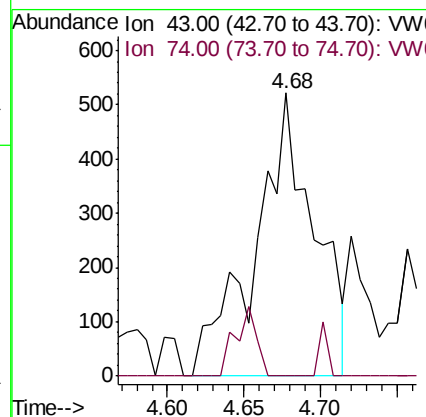
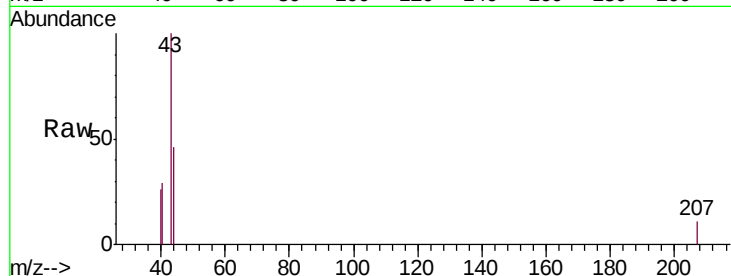




#18
Methyl Acetate
Concen: 1.151 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

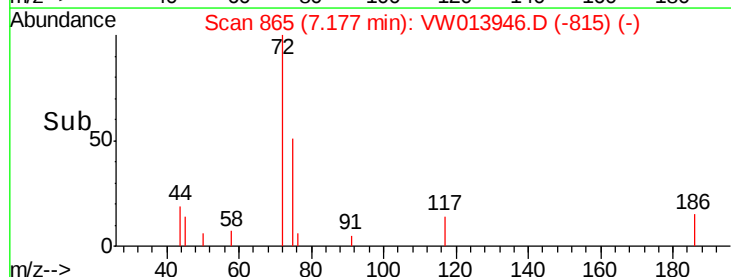
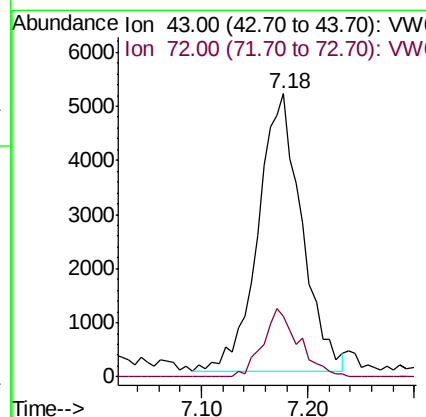
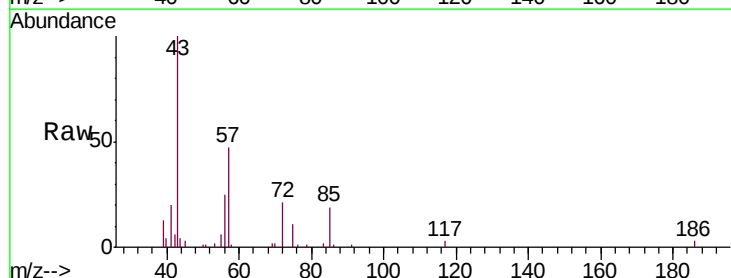
Instrument :
MSVOA_W
ClientSampled :
SB-35-(6-8)

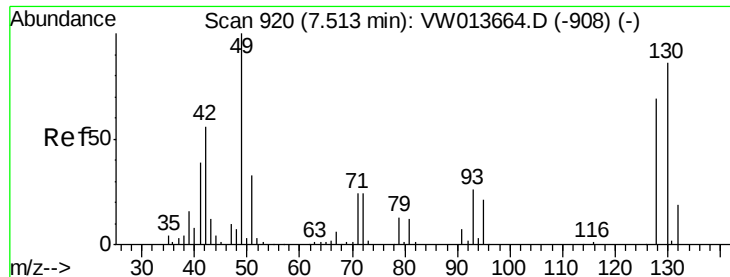
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#25
2-Butanone
Concen: 23.220 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 43 Resp: 14753
Ion Ratio Lower Upper
43 100
72 21.7 23.6 35.4#





#28

Bromochloromethane

Concen: 1.353 ug/l

RT: 7.65 min Scan# 943

Delta R.T. 0.14 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

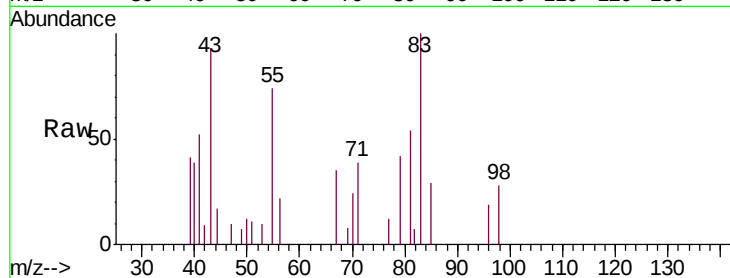
Tgt Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

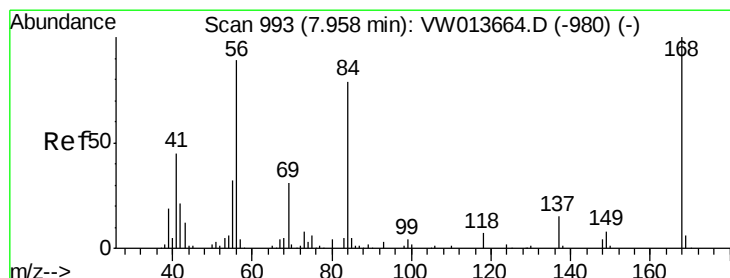
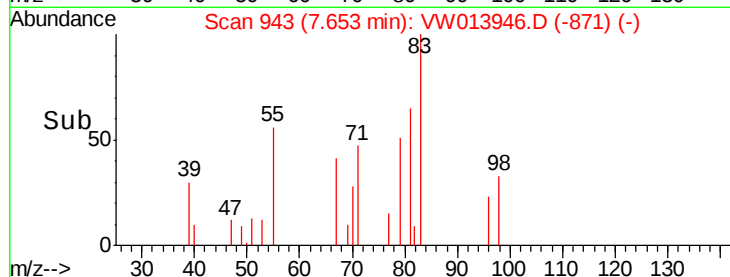
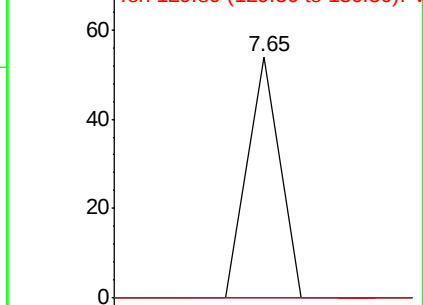
130 0.0 67.5 101.3#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 9.053 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

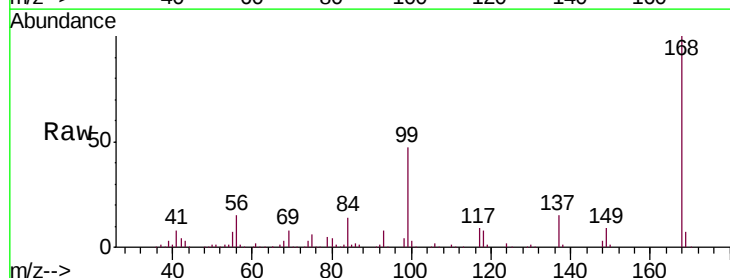
Tgt Ion: 56 Resp: 41935

Ion Ratio Lower Upper

56 100

69 47.7 27.5 41.3#

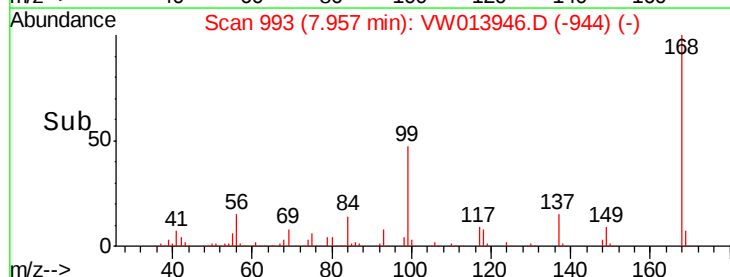
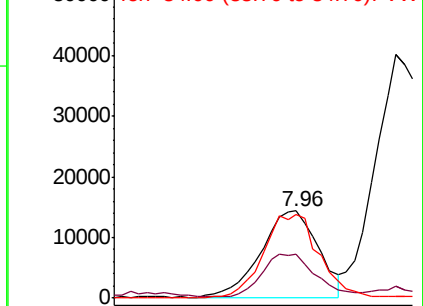
84 96.3 70.8 106.2

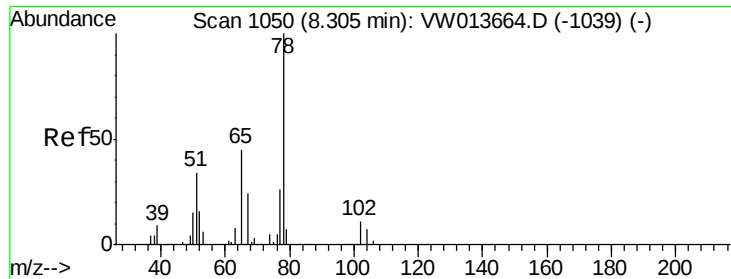


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

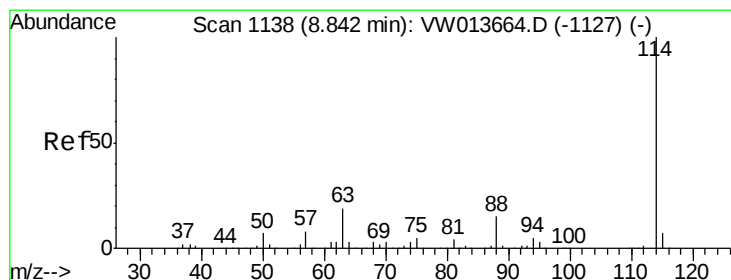
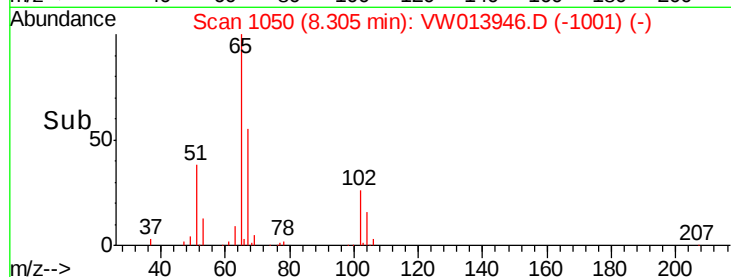
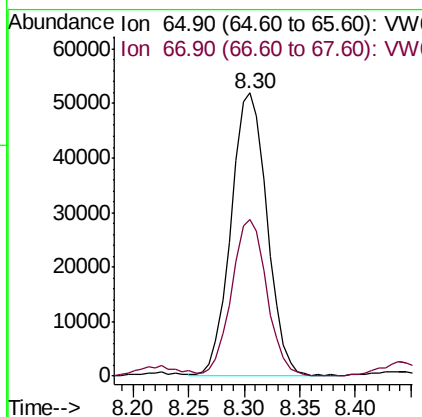
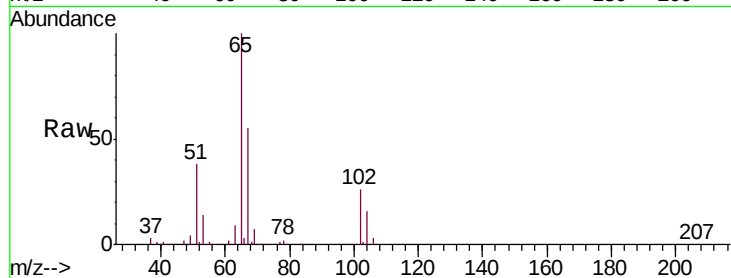




#33
 1,2-Dichloroethane-d4
 Concen: 55.830 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

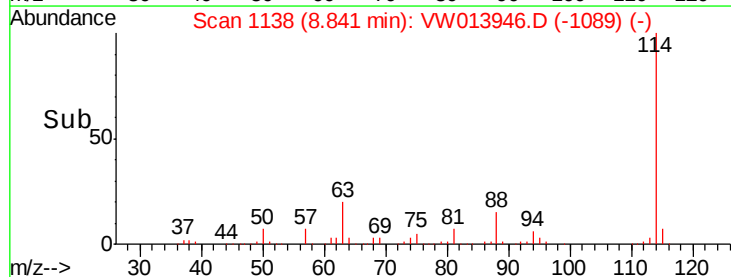
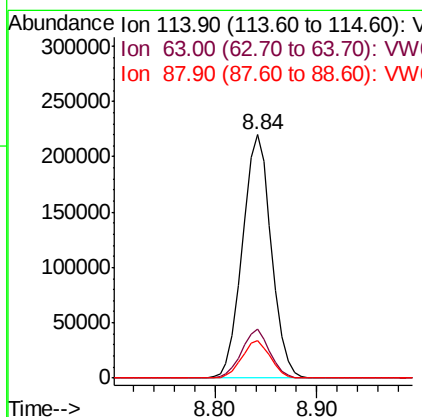
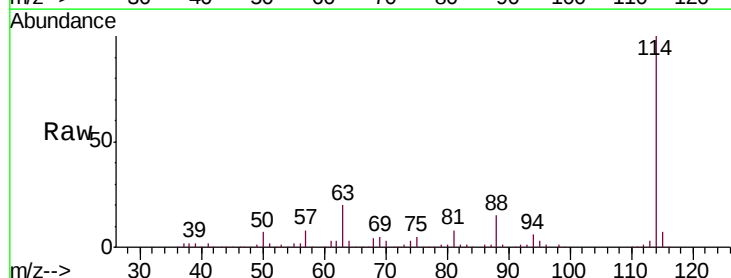
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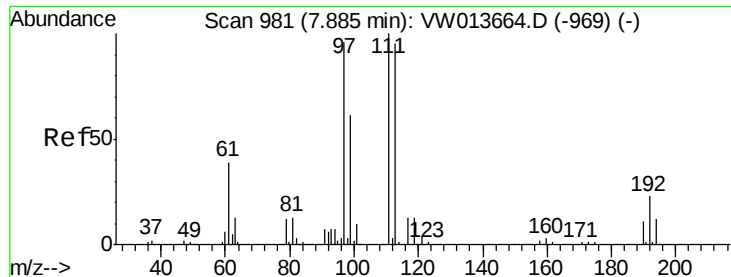
Tgt Ion: 65 Resp: 116366
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion: 114 Resp: 431025
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.6
 88 15.2 0.0 30.2

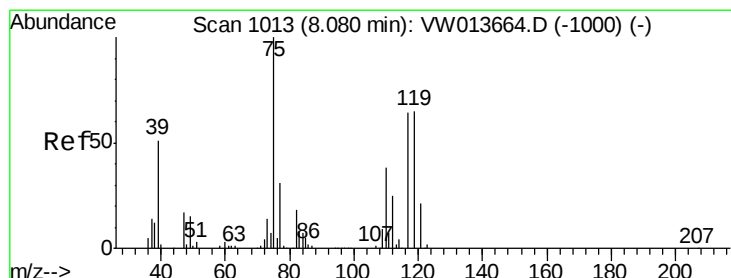
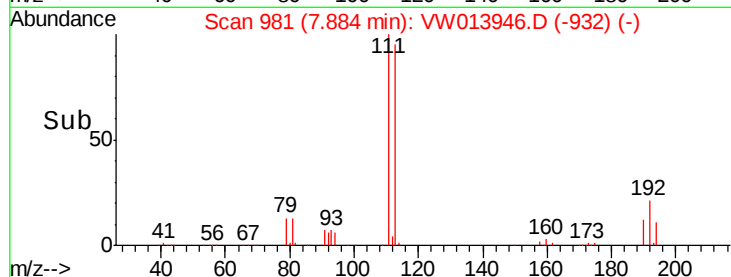
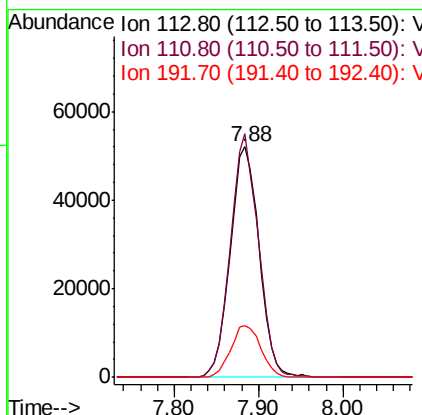
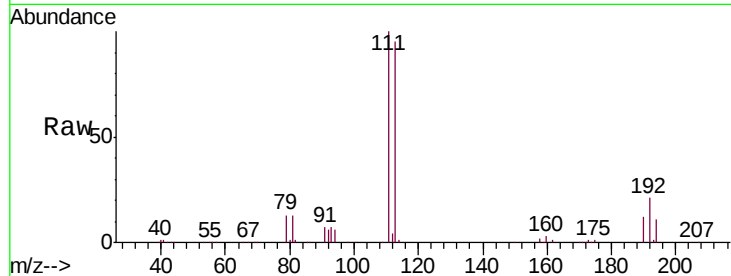




#35
 Dibromofluoromethane
 Concen: 50.668 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

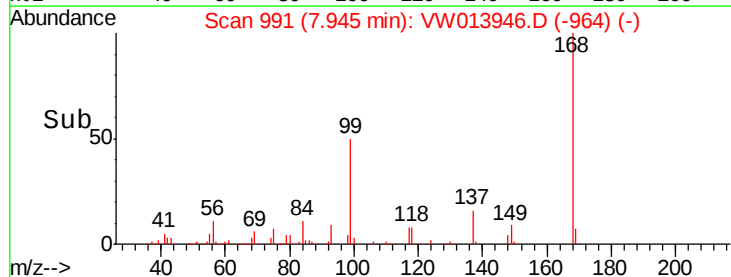
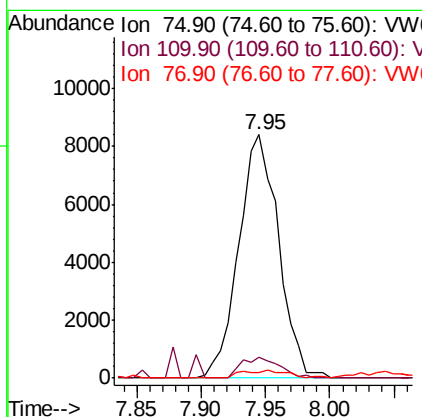
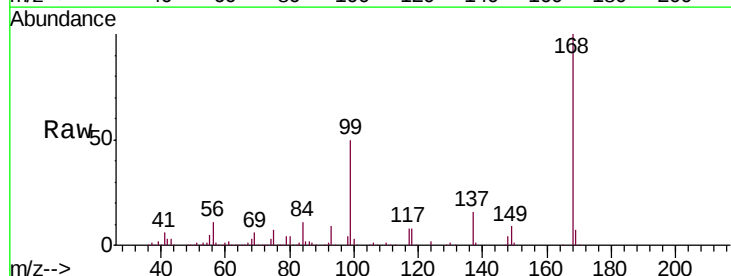
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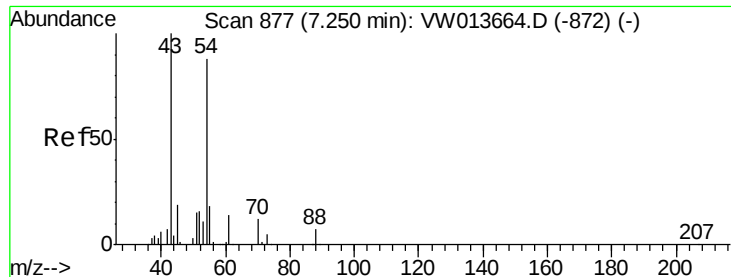
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	23.3	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.7	56.1#
77	3.4	25.4	38.0#





#37

Ethyl Acetate

Concen: 9.601 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

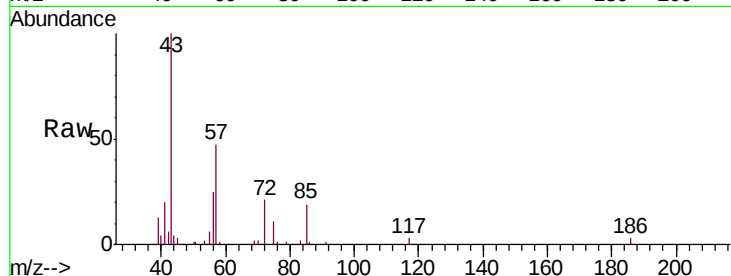
Tgt Ion: 43 Resp: 14753

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

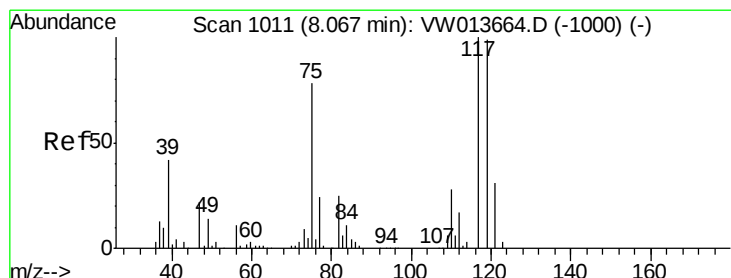
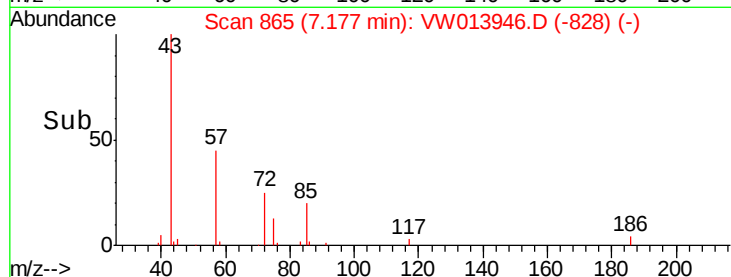
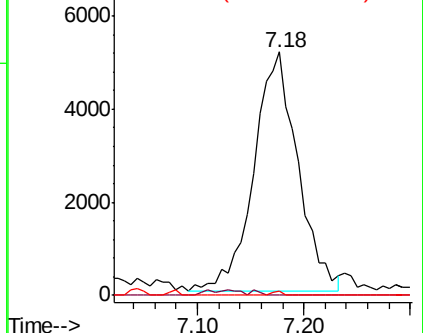
70 0.4 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.761 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

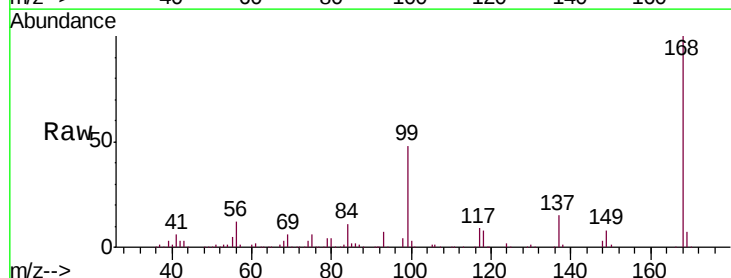
Tgt Ion: 117 Resp: 24438

Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.4#

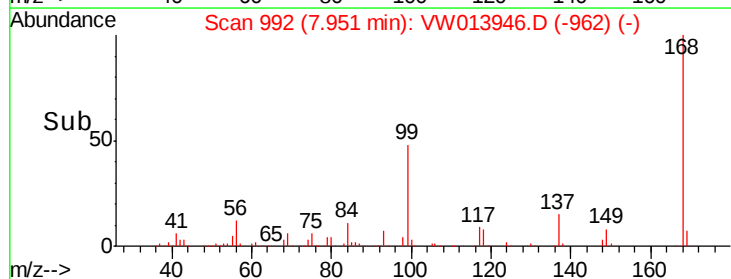
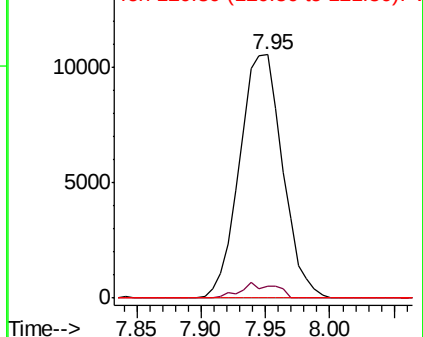
121 0.0 24.5 36.7#

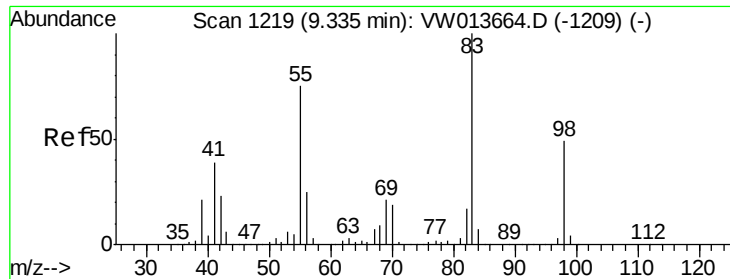


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

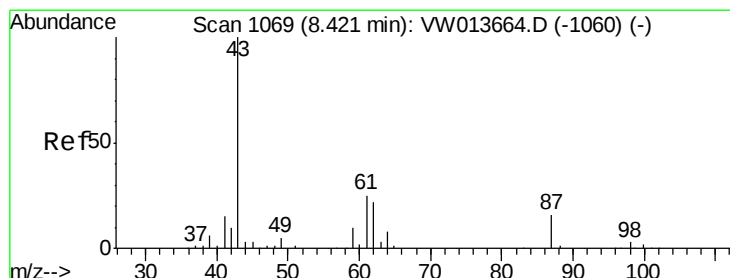
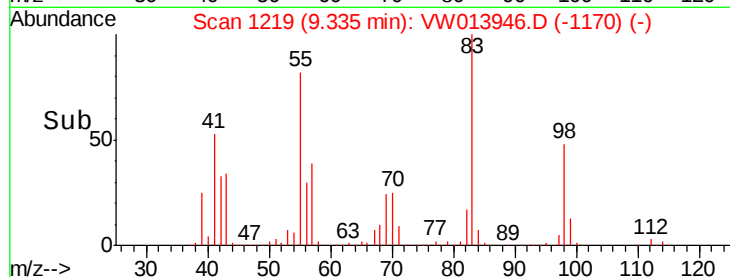
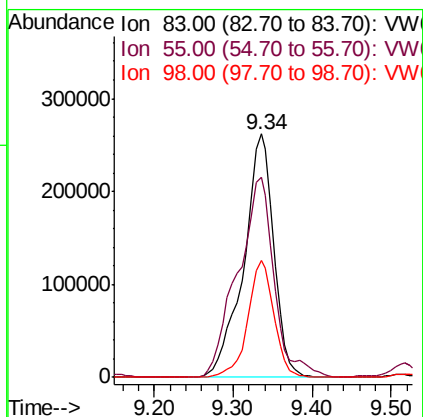
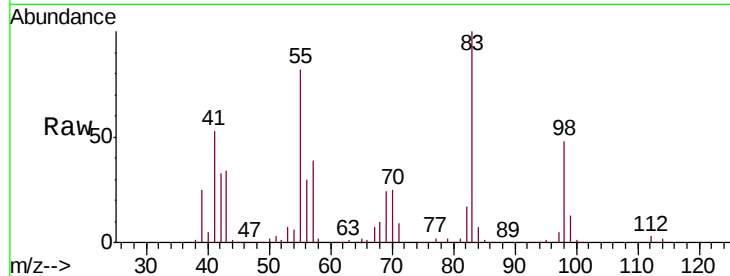




#39
Methylcyclohexane
Concen: 133.939 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

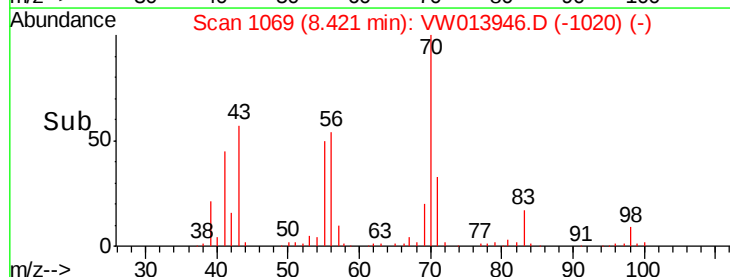
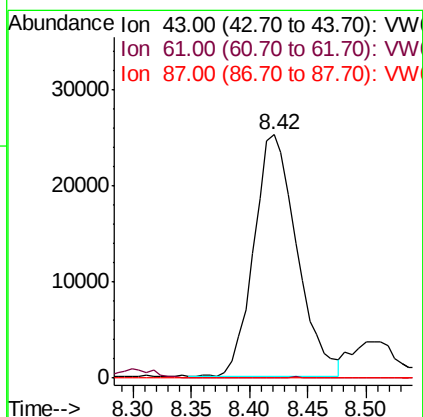
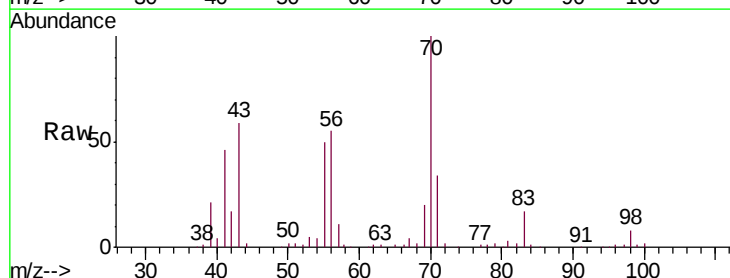
Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

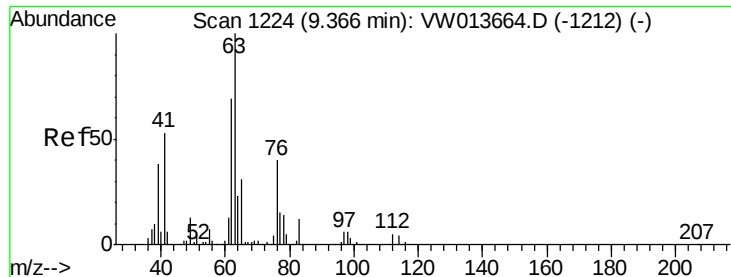
Tgt Ion: 83 Resp: 694329
Ion Ratio Lower Upper
83 100
55 82.1 59.9 89.9
98 48.1 39.4 59.2



#43
Isopropyl Acetate
Concen: 21.969 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 43 Resp: 64618
Ion Ratio Lower Upper
43 100
61 0.2 26.1 39.1#
87 0.0 11.4 17.0#

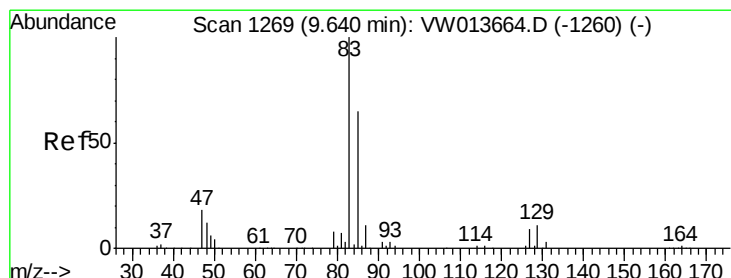
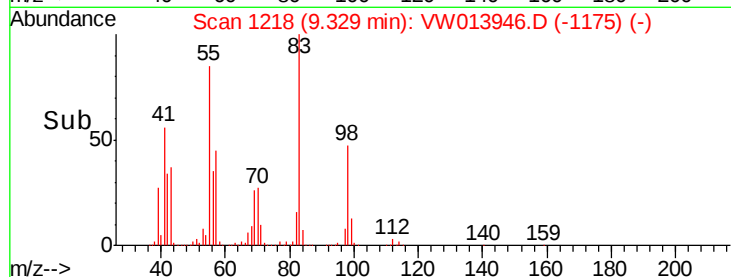
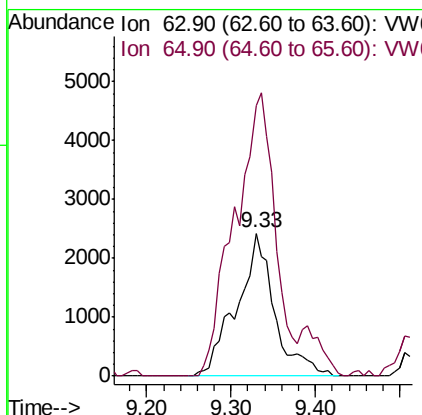
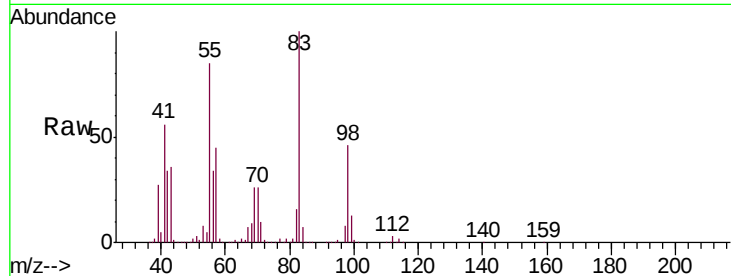




#45
 1,2-Dichloropropane
 Concen: 2.729 ug/l
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.04 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

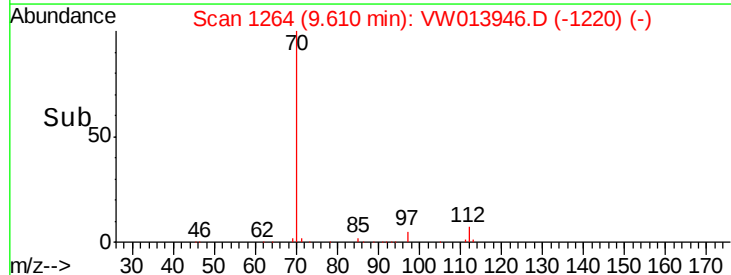
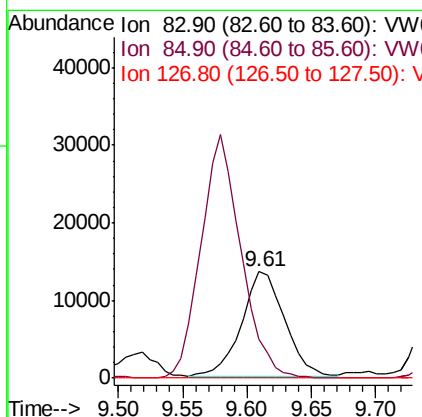
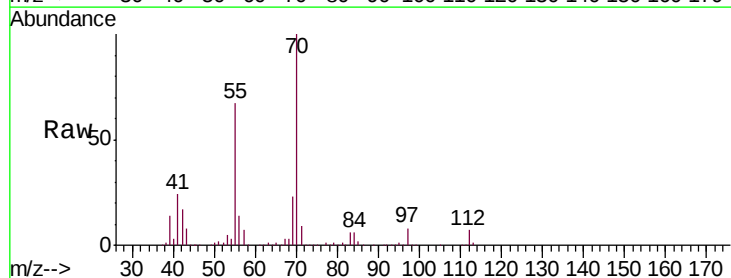
Instrument :
 MSVOA_W
 ClientSampled :
 SB-35-(6-8)

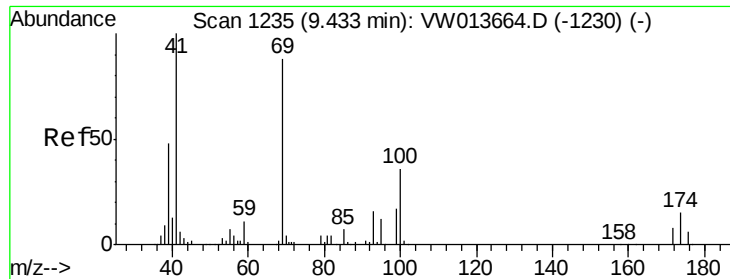
Tgt Ion: 63 Resp: 7406
 Ion Ratio Lower Upper
 63 100
 65 190.2 25.2 37.8#



#47
 Bromodichloromethane
 Concen: 9.218 ug/l
 RT: 9.61 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion: 83 Resp: 31410
 Ion Ratio Lower Upper
 83 100
 85 37.4 51.8 77.6#
 127 0.0 7.3 10.9#

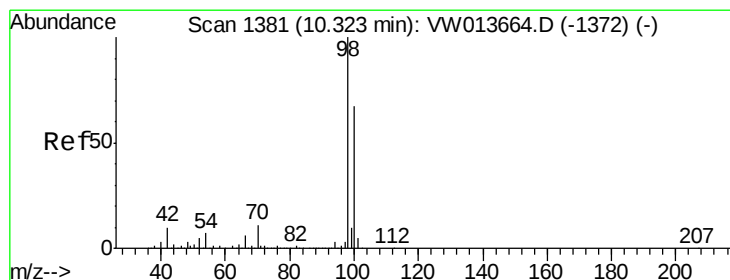
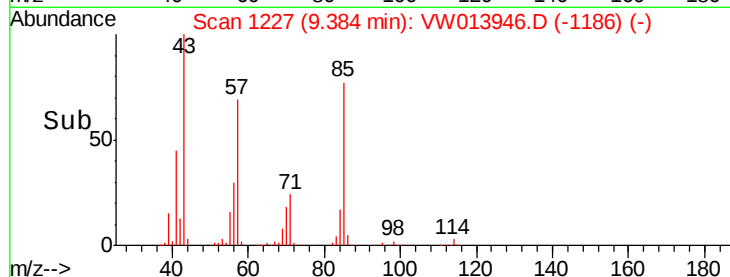
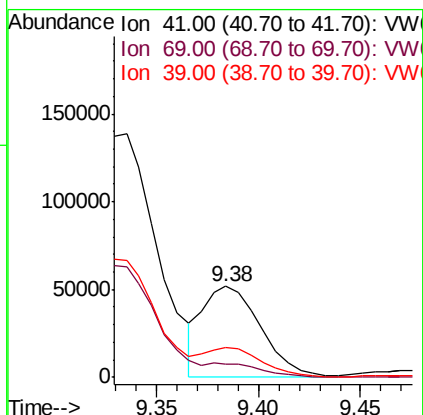
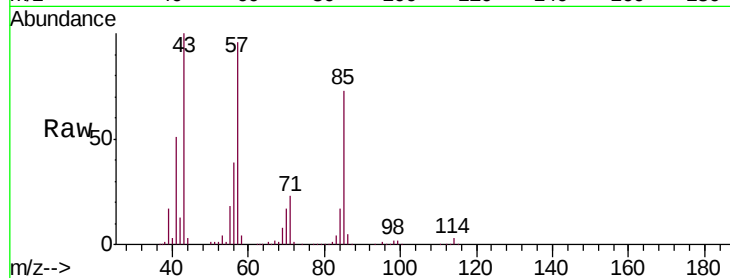




#48
Methyl methacrylate
Concen: 69.379 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.05 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

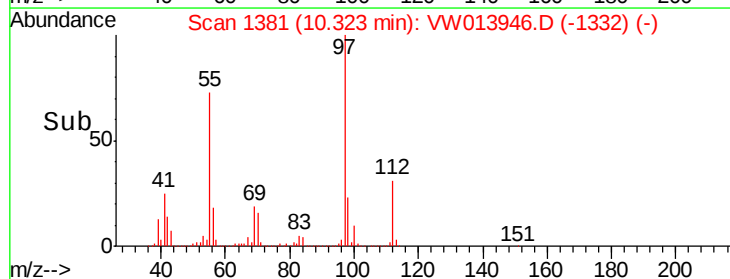
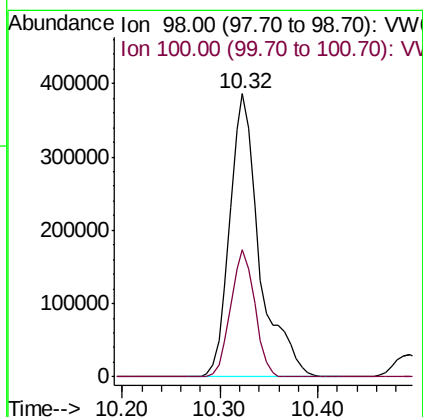
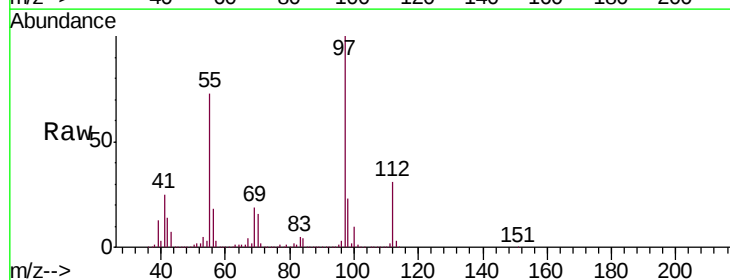
Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

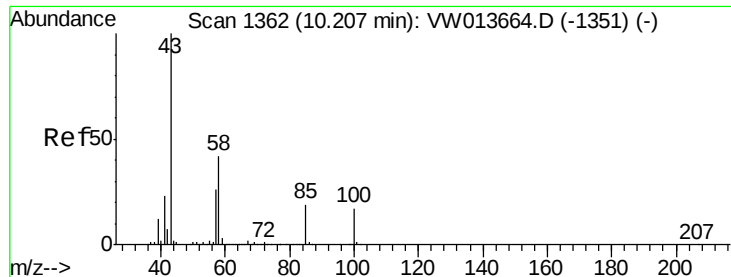
Tgt Ion: 41 Resp: 101195
Ion Ratio Lower Upper
41 100
69 0.0 67.6 101.4#
39 28.2 38.6 58.0#



#50
Toluene-d8
Concen: 83.564 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 98 Resp: 815512
Ion Ratio Lower Upper
98 100
100 36.5 53.4 80.0#





#51

4-Methyl-2-Pentanone

Concen: 18.292 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

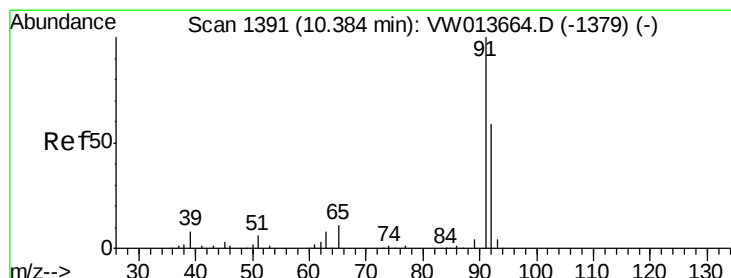
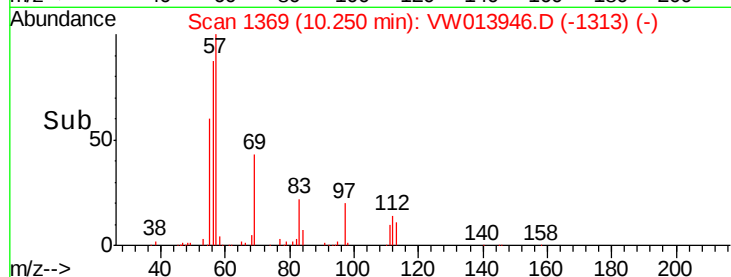
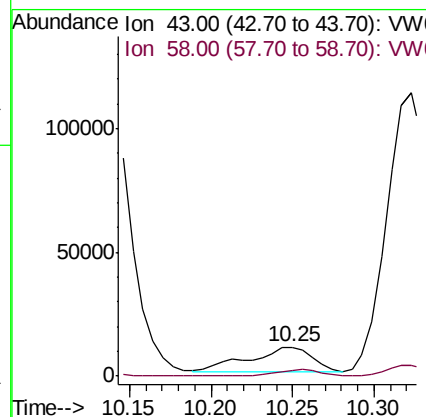
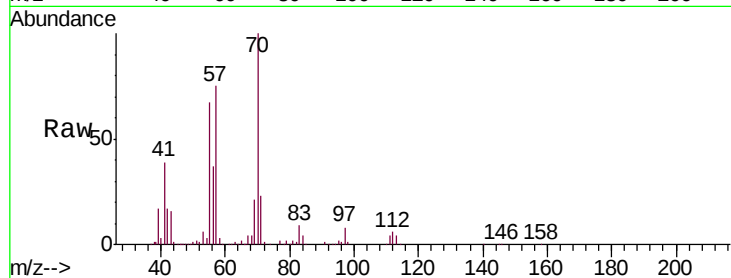
SB-35-(6-8)

Tgt Ion: 43 Resp: 26735

Ion Ratio Lower Upper

43 100

58 20.1 32.6 49.0#



#52

Toluene

Concen: 1.213 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013946.D

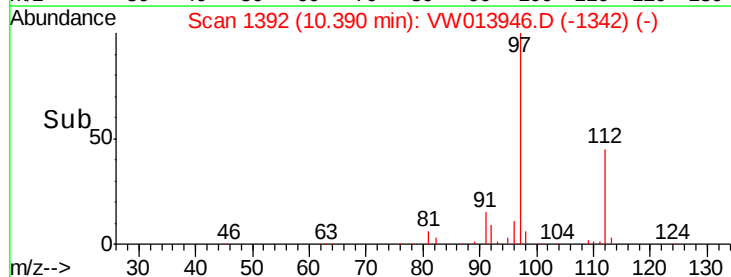
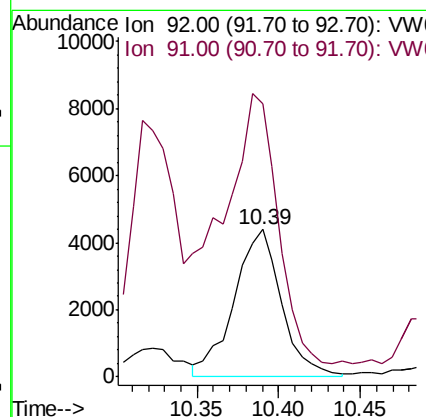
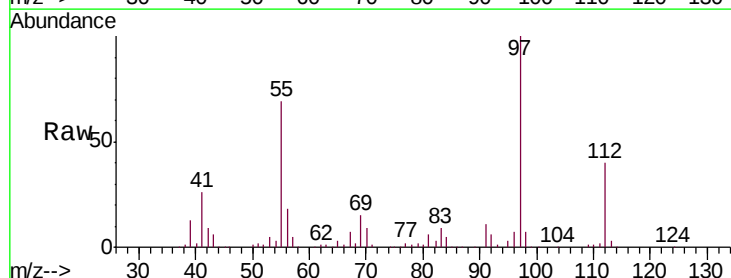
Acq: 08 Nov 2019 15:54

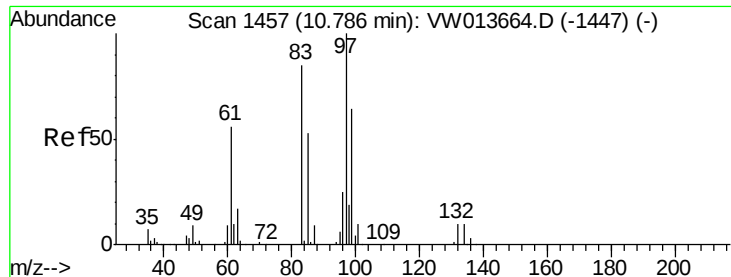
Tgt Ion: 92 Resp: 8887

Ion Ratio Lower Upper

92 100

91 210.6 134.5 201.7#

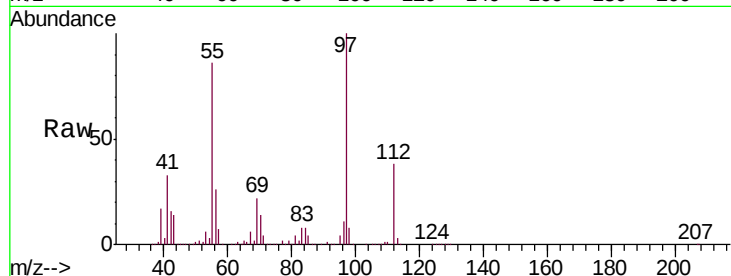




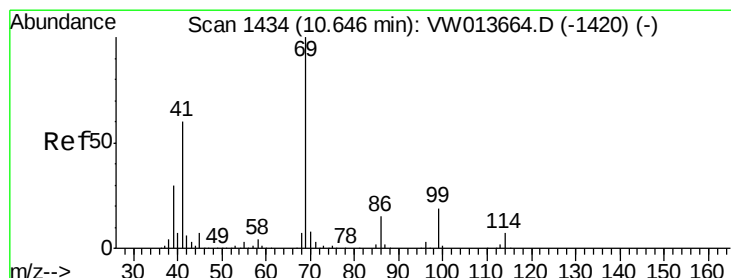
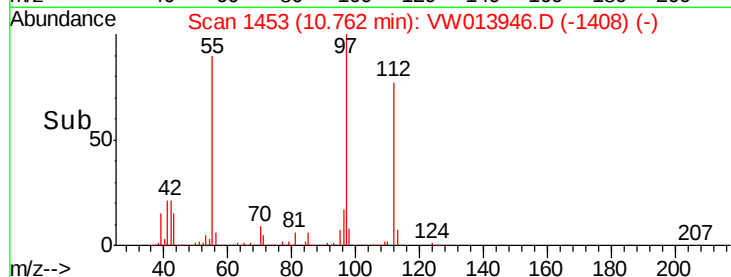
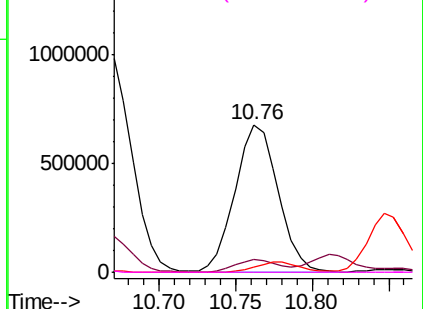
#55
 1,1,2-Trichloroethane
 Concen: 670.088 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Instrument :
 MSVOA_W
 ClientSampled :
 SB-35-(6-8)

Tgt Ion: 97 Resp: 1315223
 Ion Ratio Lower Upper
 97 100
 83 8.2 67.8 101.8#
 85 3.7 42.1 63.1#
 99 0.3 51.4 77.0#

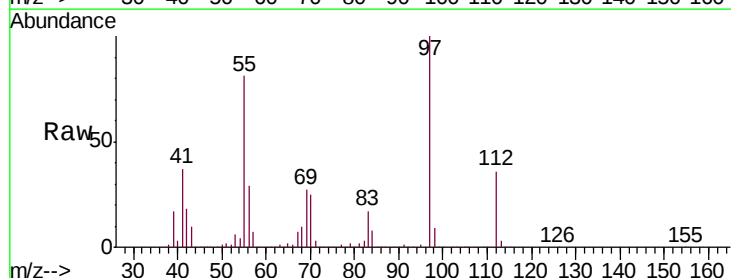


Abundance Ion 96.90 (96.60 to 97.60): VW
 1500000 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

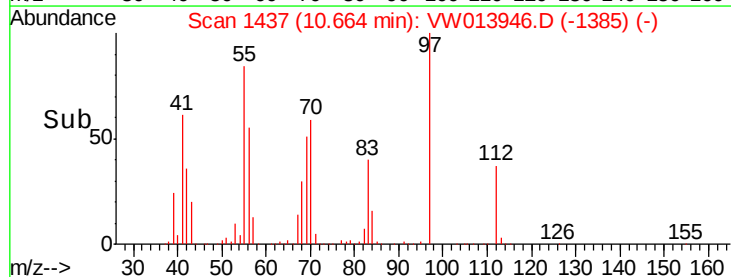
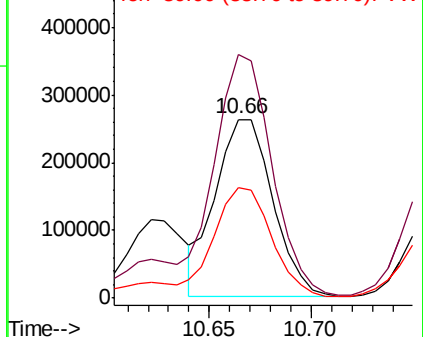


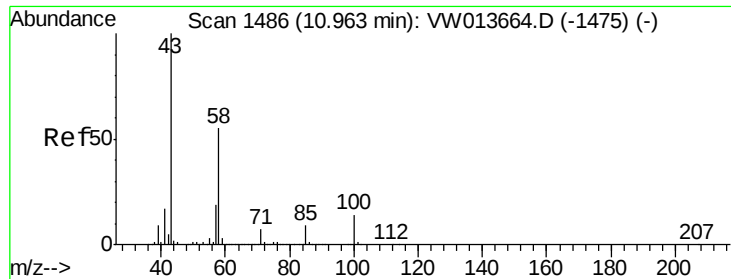
#56
 Ethyl methacrylate
 Concen: 208.296 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion: 69 Resp: 511505
 Ion Ratio Lower Upper
 69 100
 41 135.9 51.6 77.4#
 39 61.3 22.4 33.6#



Abundance Ion 69.00 (68.70 to 69.70): VW
 500000 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

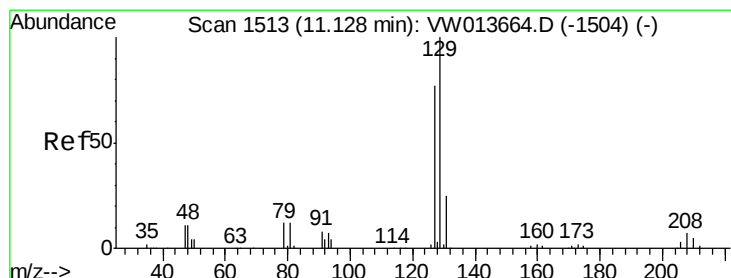
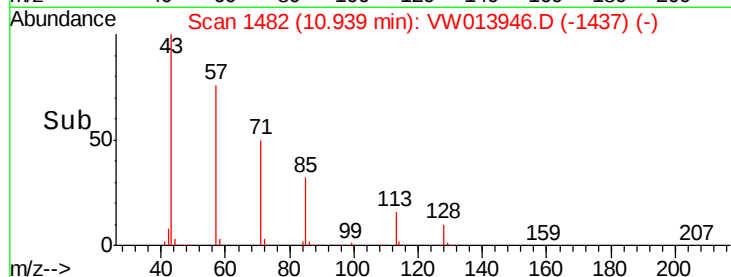
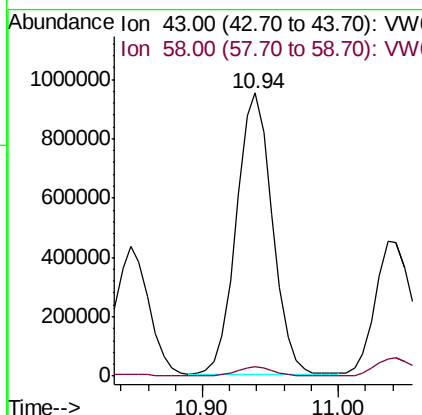
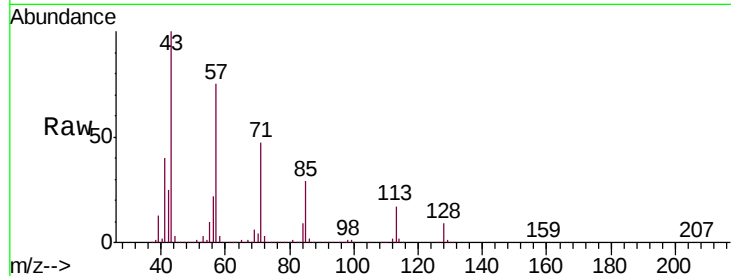




#59
2-Hexanone
Concen: 1726.415 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.02 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

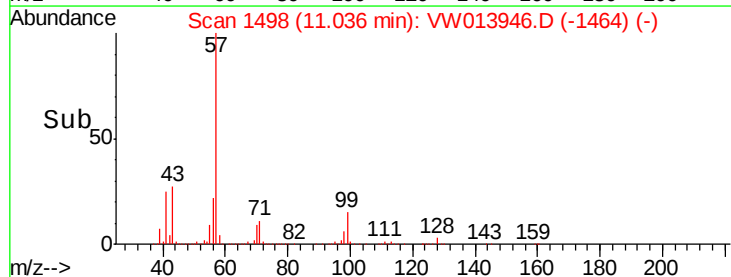
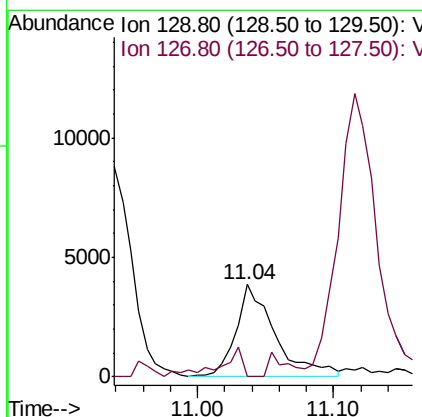
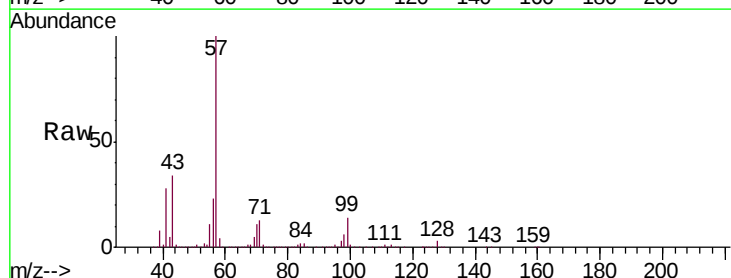
Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

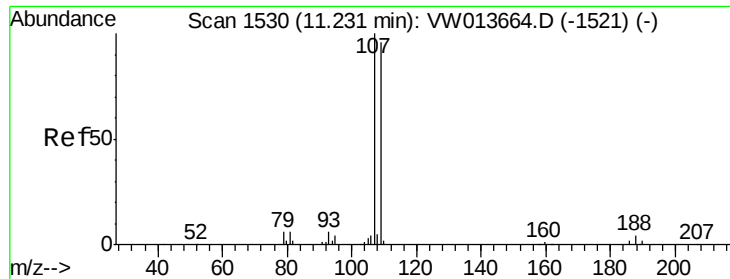
Tgt Ion: 43 Resp: 1739553
Ion Ratio Lower Upper
43 100
58 3.5 27.9 83.7#



#60
Dibromochloromethane
Concen: 3.366 ug/l
RT: 11.04 min Scan# 1498
Delta R.T. -0.09 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 129 Resp: 7845
Ion Ratio Lower Upper
129 100
127 18.4 38.9 116.7#

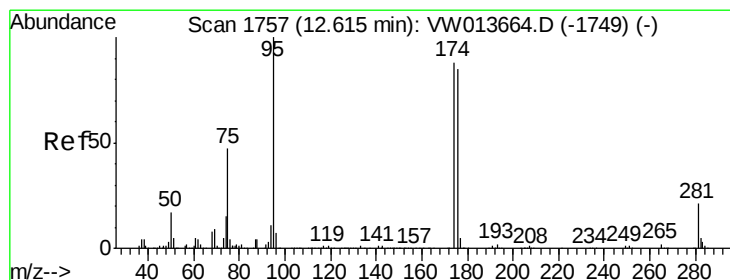
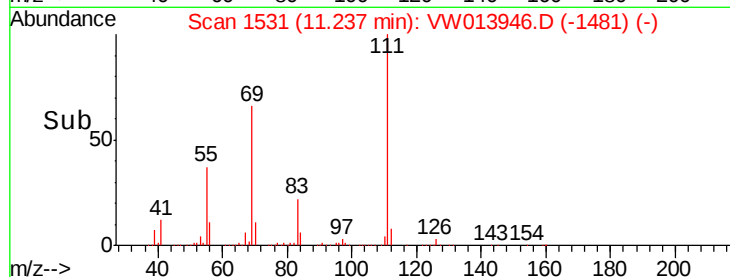
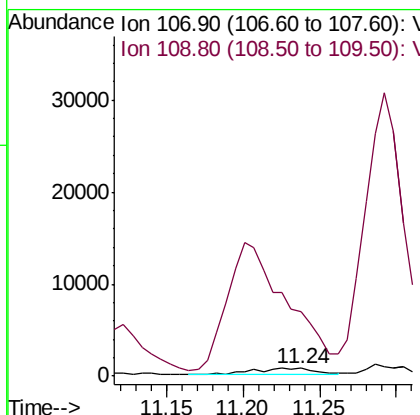
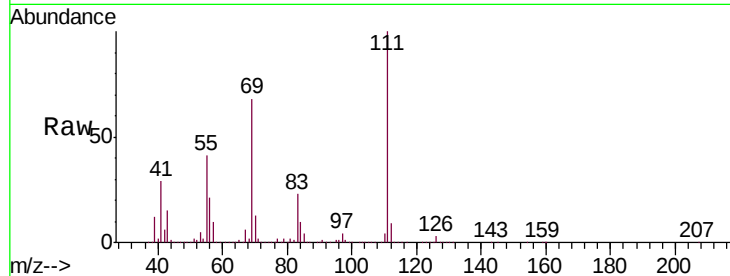




#61
 1,2-Dibromoethane
 Concen: 1.128 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

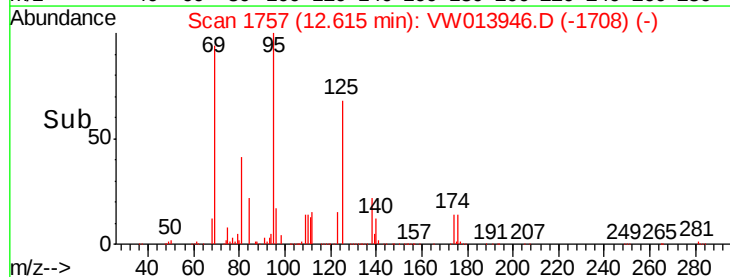
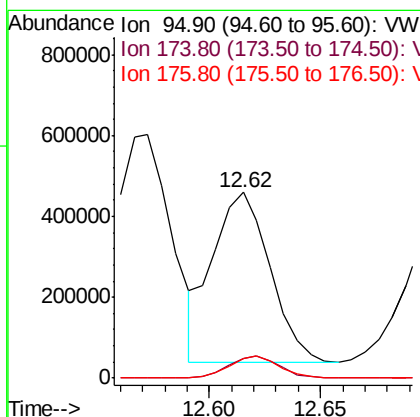
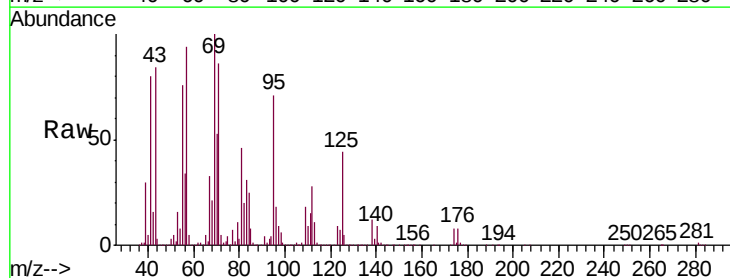
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-35-(6-8)

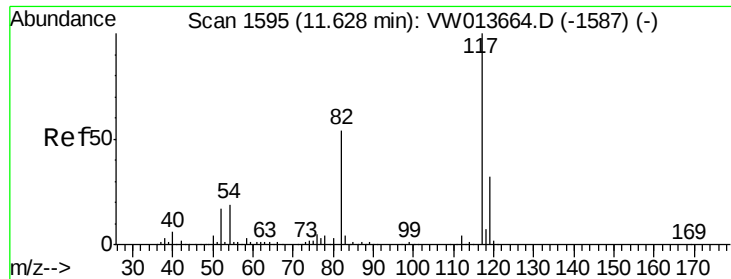
Tgt Ion: 107 Resp: 2095
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.7 113.5#



#62
 4-Bromofluorobenzene
 Concen: 227.896 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion: 95 Resp: 753070
 Ion Ratio Lower Upper
 95 100
 174 11.7 0.0 183.6
 176 11.3 0.0 178.0

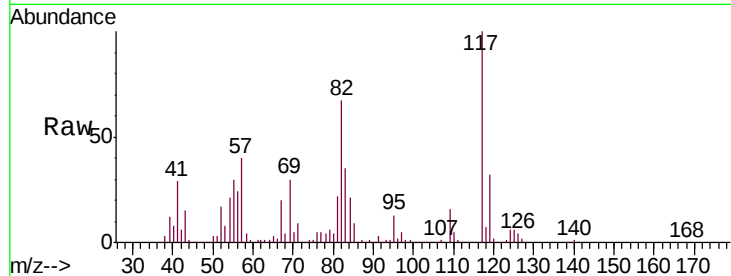




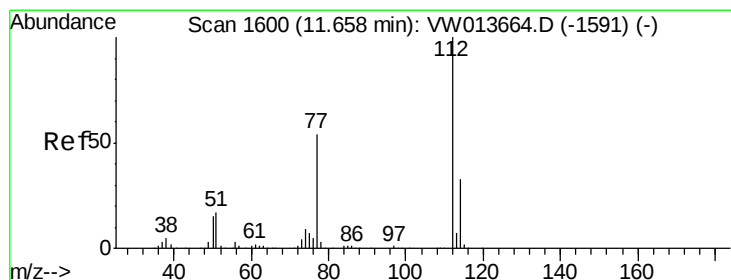
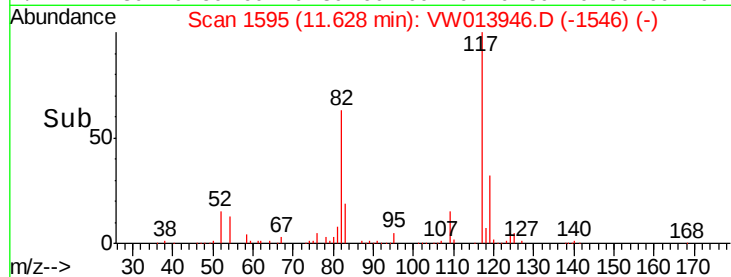
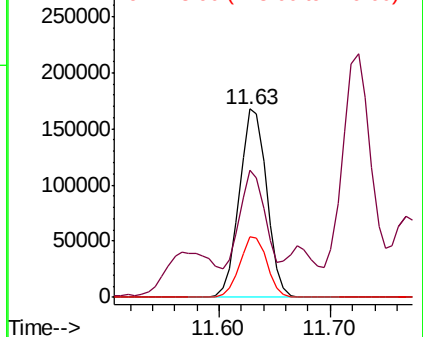
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

Tgt Ion:117 Resp: 285691
Ion Ratio Lower Upper
117 100
82 43.9 43.6 65.4
119 32.2 25.4 38.2

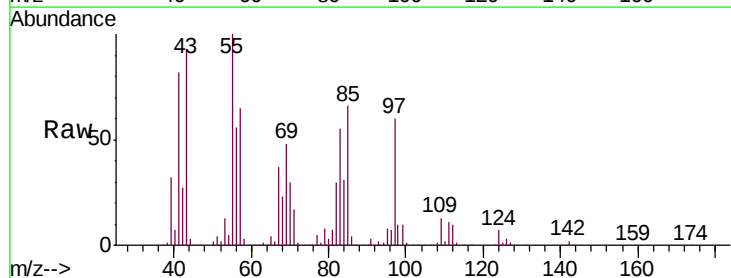


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

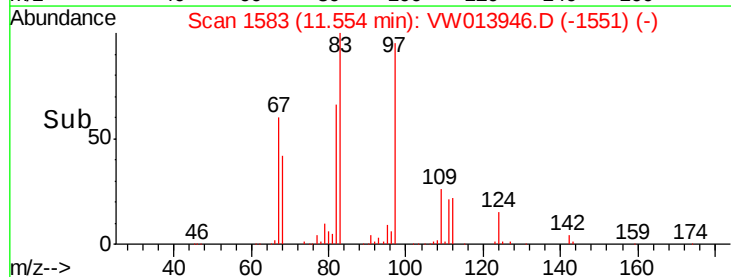
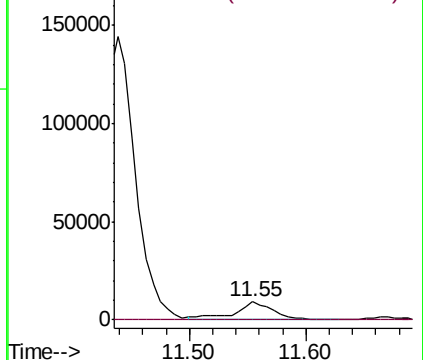


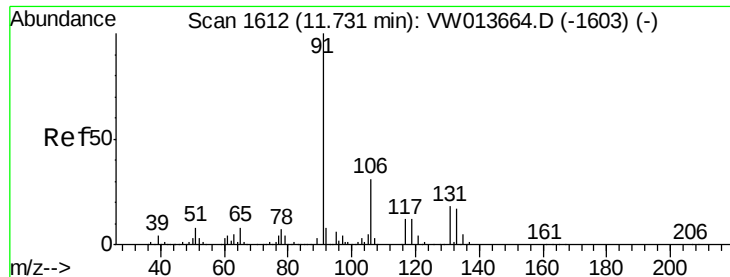
#65
Chlorobenzene
Concen: 3.536 ug/l
RT: 11.55 min Scan# 1583
Delta R.T. -0.10 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion:112 Resp: 20761
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

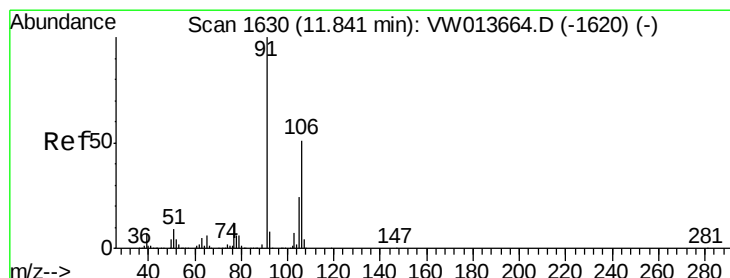
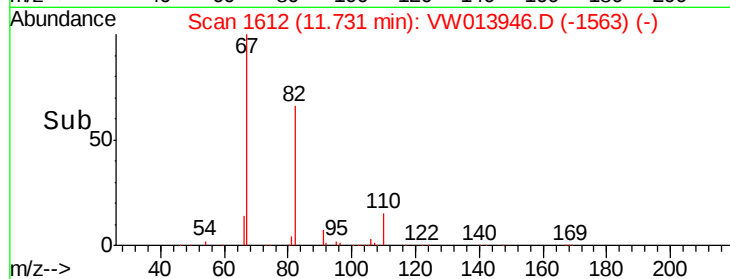
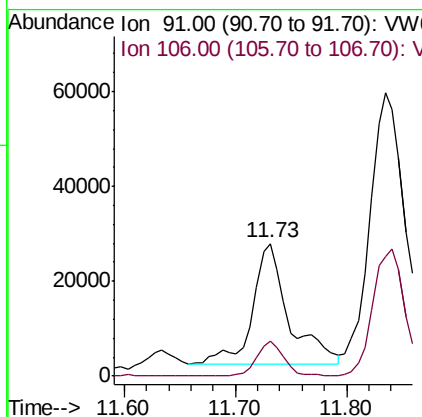
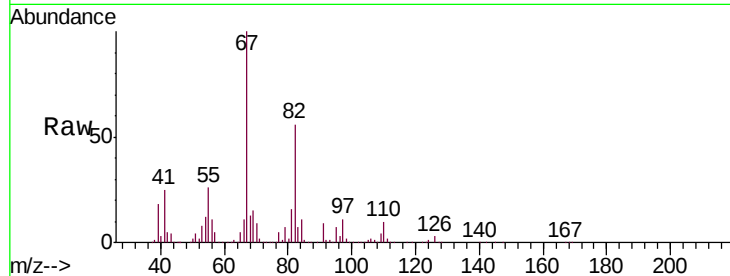




#67
Ethyl Benzene
Concen: 5.485 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

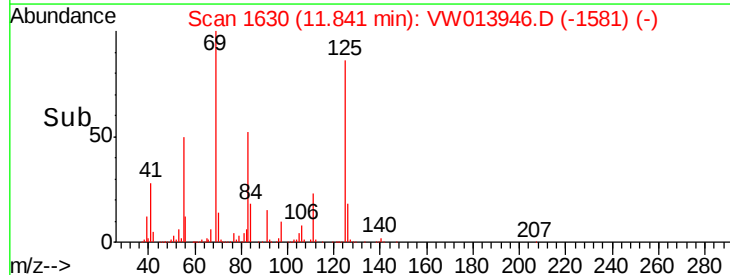
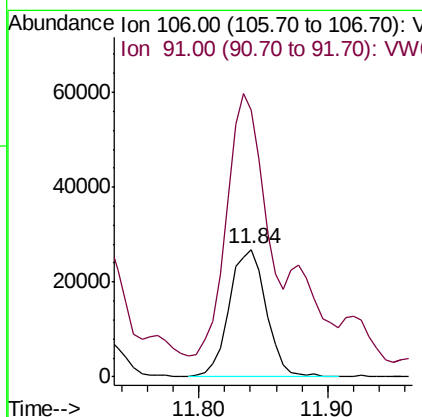
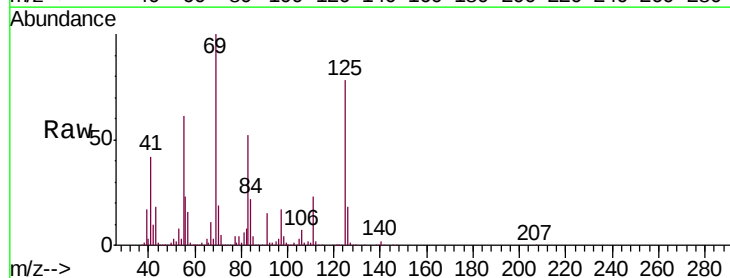
Instrument :
MSVOA_W
ClientSampleId :
SB-35-(6-8)

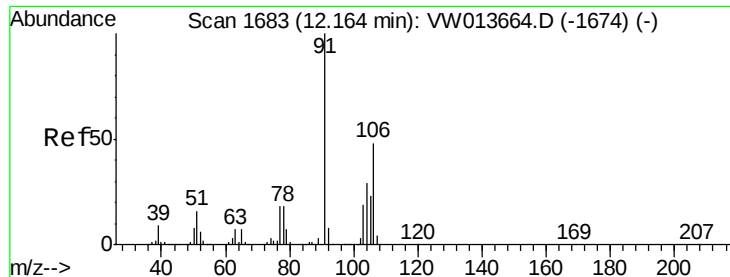
Tgt Ion: 91 Resp: 58062
Ion Ratio Lower Upper
91 100
106 28.7 25.0 37.6



#68
m/p-Xylenes
Concen: 13.096 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion: 106 Resp: 53561
Ion Ratio Lower Upper
106 100
91 216.7 159.2 238.8

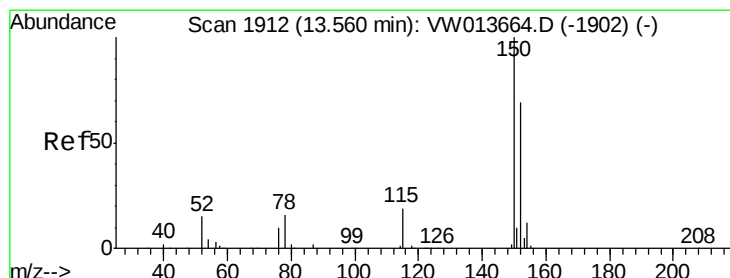
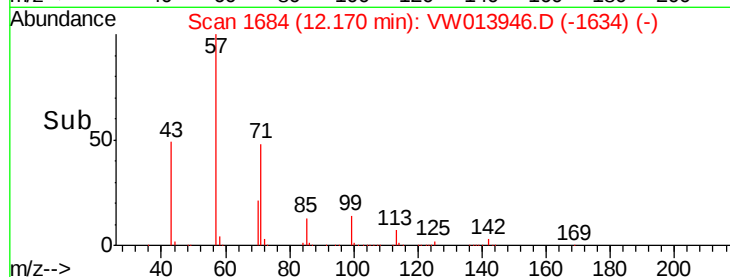
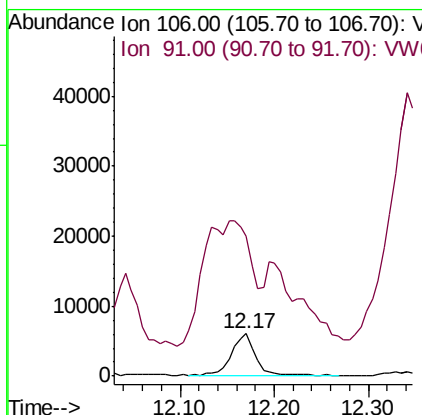
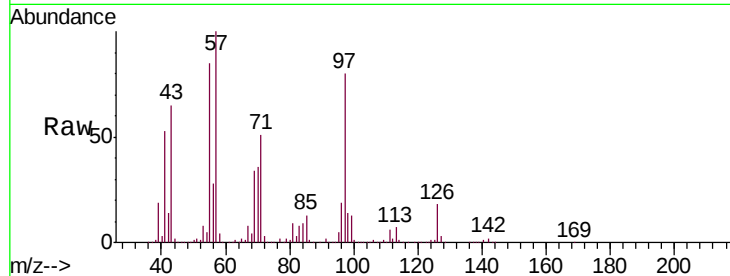




#69
o-Xylene
Concen: 3.059 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

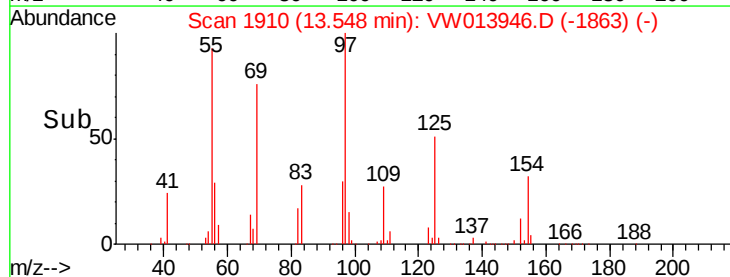
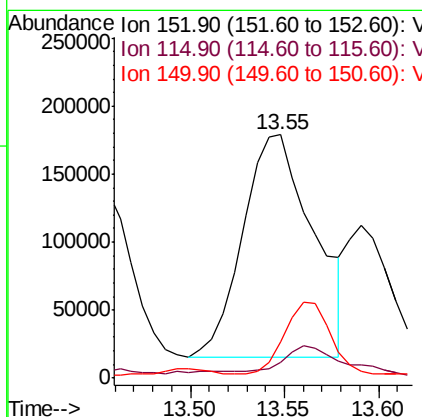
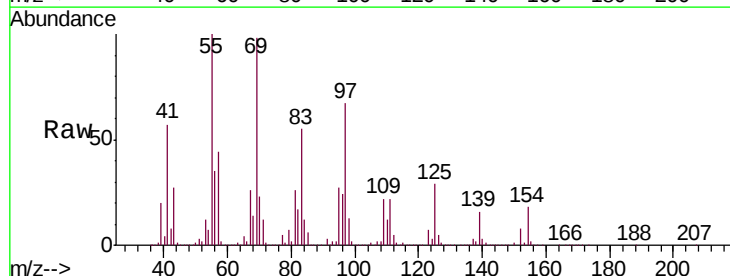
Instrument :
MSVOA_W
ClientSampled :
SB-35-(6-8)

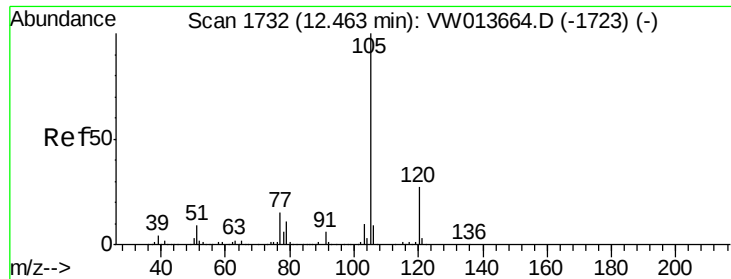
Tgt Ion:106 Resp: 11498
Ion Ratio Lower Upper
106 100
91 540.0 104.9 314.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1910
Delta R.T. -0.01 min
Lab File: VW013946.D
Acq: 08 Nov 2019 15:54

Tgt Ion:152 Resp: 424521
Ion Ratio Lower Upper
152 100
115 11.4 27.4 82.2#
150 21.3 0.0 345.4





#73

Isopropylbenzene

Concen: 2.075 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

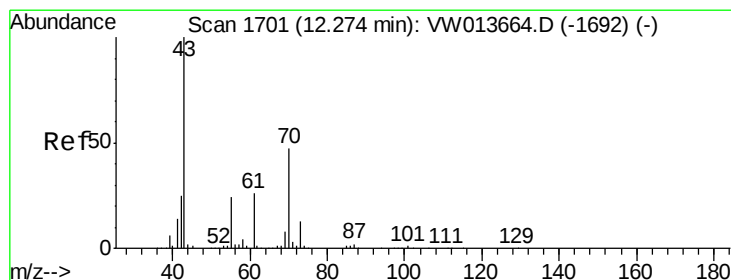
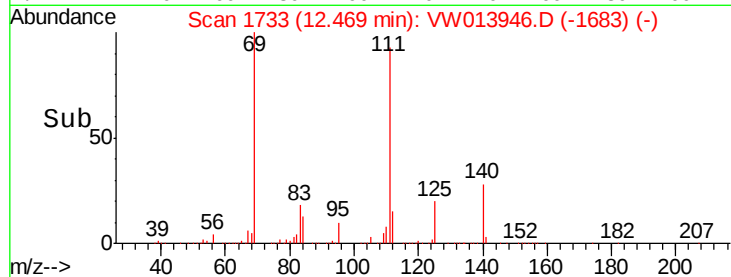
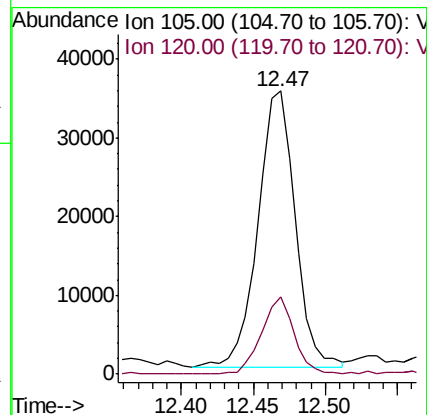
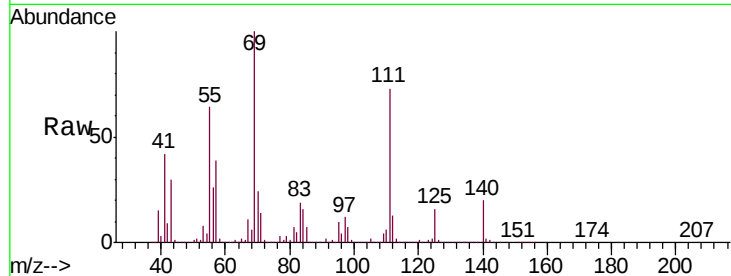
SB-35-(6-8)

Tgt Ion:105 Resp: 63258

Ion Ratio Lower Upper

105 100

120 24.3 13.5 40.4



#74

N-ethyl acetate

Concen: 772.588 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Tgt Ion: 43 Resp: 4556201

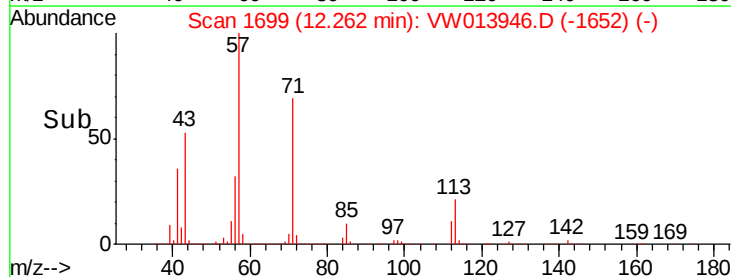
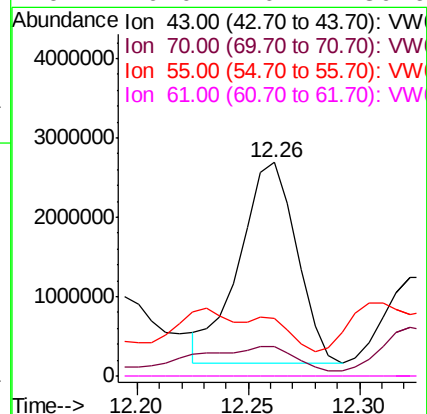
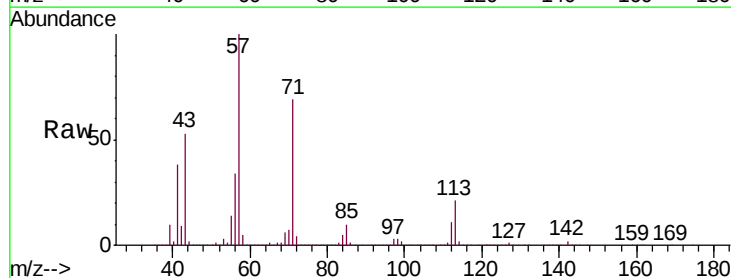
Ion Ratio Lower Upper

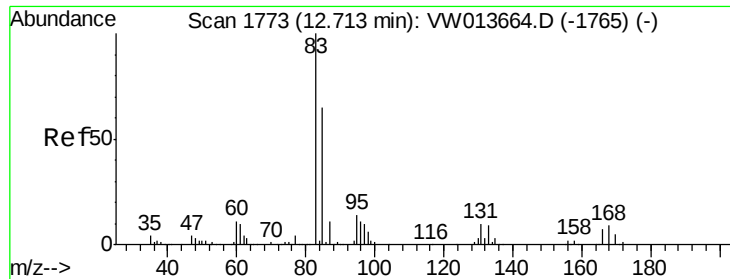
43 100

70 19.7 36.6 55.0#

55 0.0 20.3 30.5#

61 0.0 20.4 30.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 124.948 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

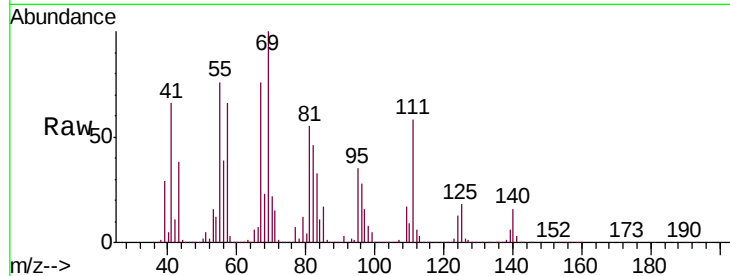
Tgt Ion: 83 Resp: 601107

Ion Ratio Lower Upper

83 100

131 0.1 5.7 17.1#

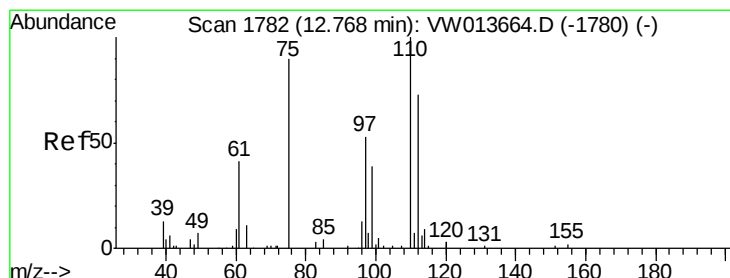
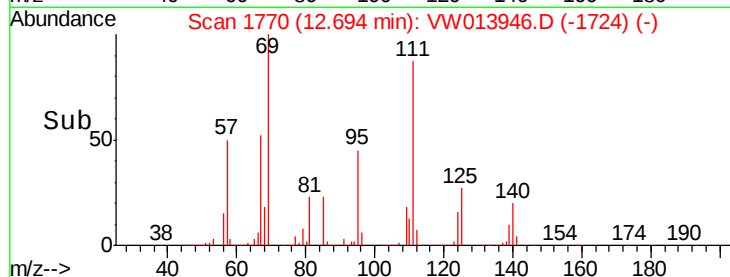
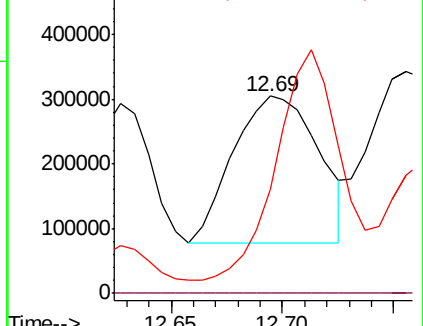
85 116.4 32.5 97.4#



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: 1.077 ug/l

RT: 12.79 min Scan# 1786

Delta R.T. 0.02 min

Lab File: VW013946.D

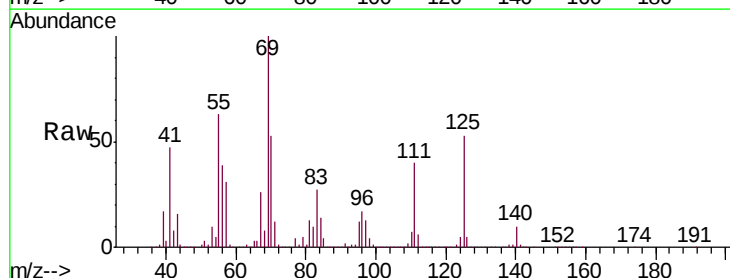
Acq: 08 Nov 2019 15:54

Tgt Ion: 75 Resp: 3283

Ion Ratio Lower Upper

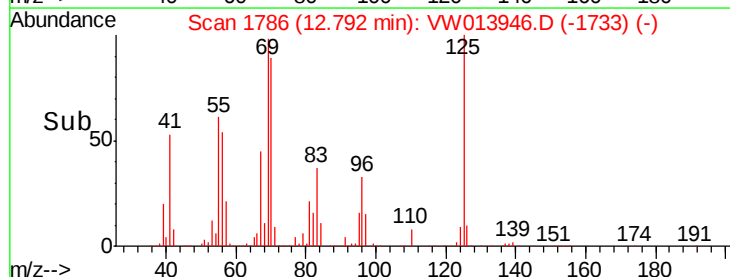
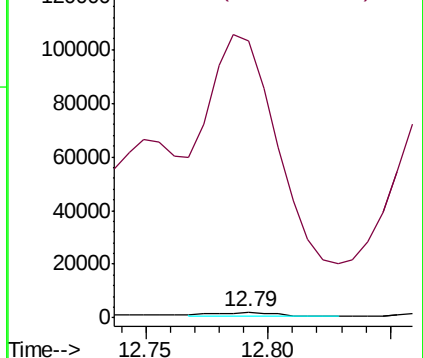
75 100

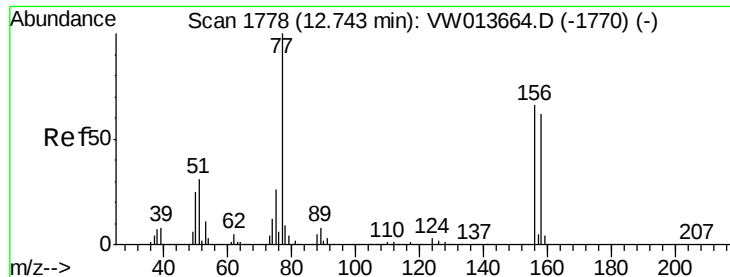
77 4869.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 2.256 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.02 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

SB-35-(6-8)

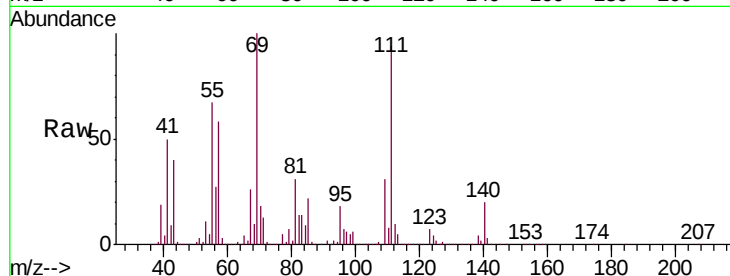
Tgt Ion:156 Resp: 16428

Ion Ratio Lower Upper

156 100

77 991.1 82.9 248.7#

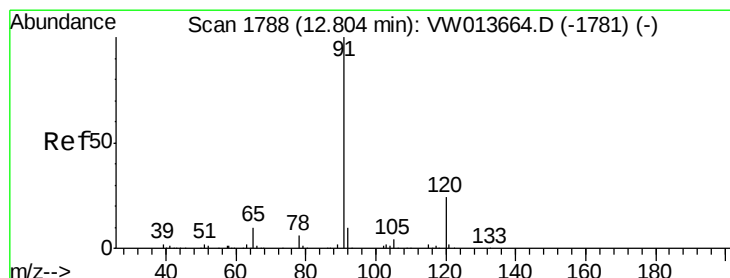
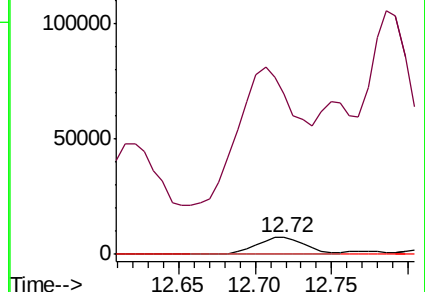
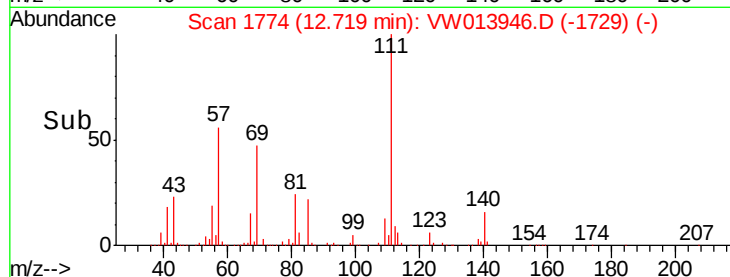
158 1.5 48.4 145.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.009 ug/l

RT: 12.79 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VW013946.D

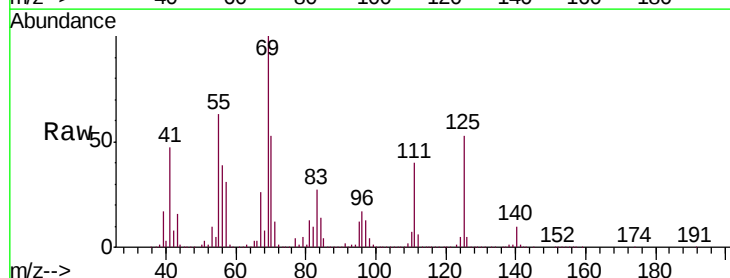
Acq: 08 Nov 2019 15:54

Tgt Ion: 91 Resp: 141463

Ion Ratio Lower Upper

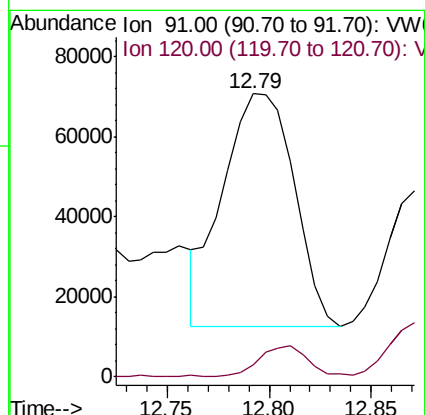
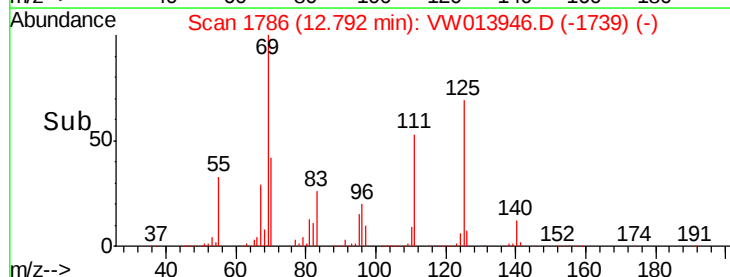
91 100

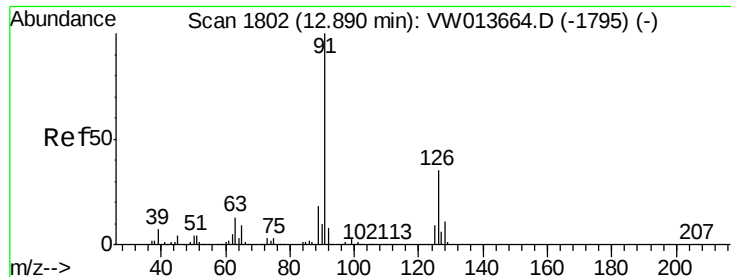
120 8.9 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 6.648 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

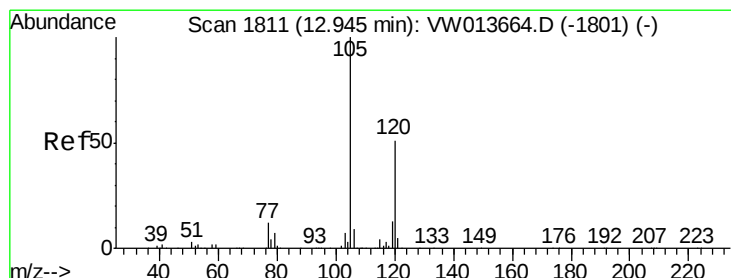
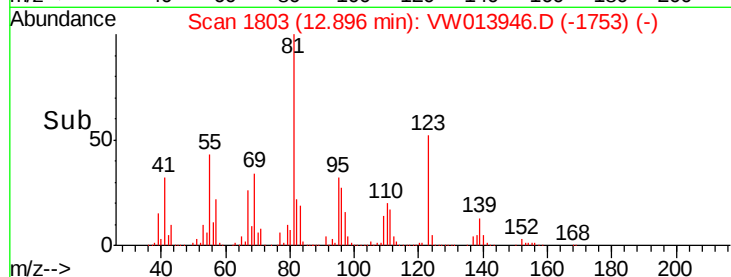
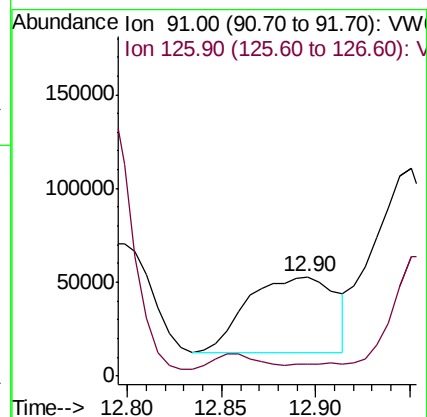
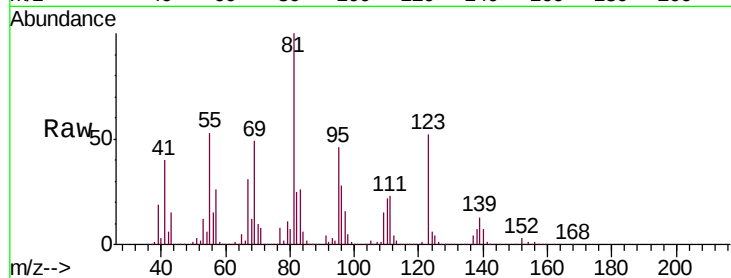
SB-35-(6-8)

Tgt Ion: 91 Resp: 131825

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 17.004 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW013946.D

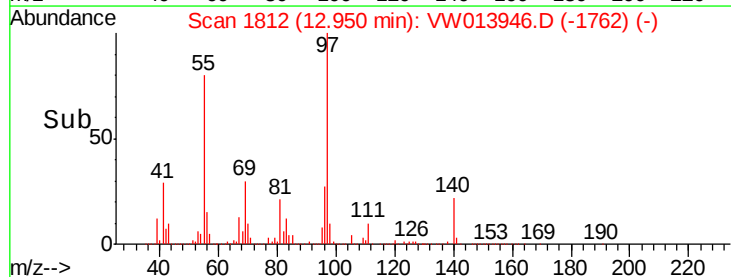
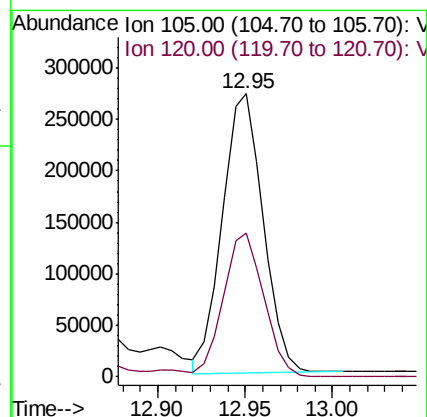
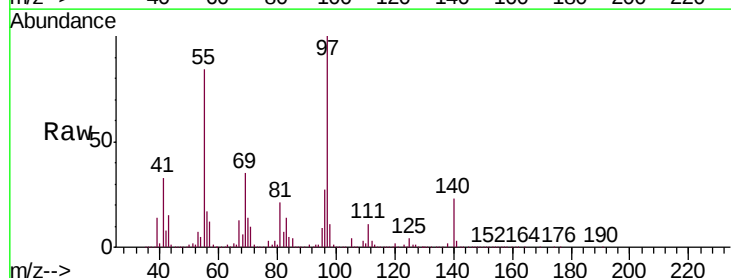
Acq: 08 Nov 2019 15:54

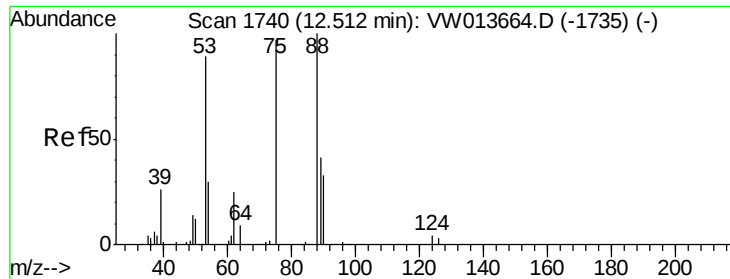
Tgt Ion: 105 Resp: 437602

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1.234 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.04 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

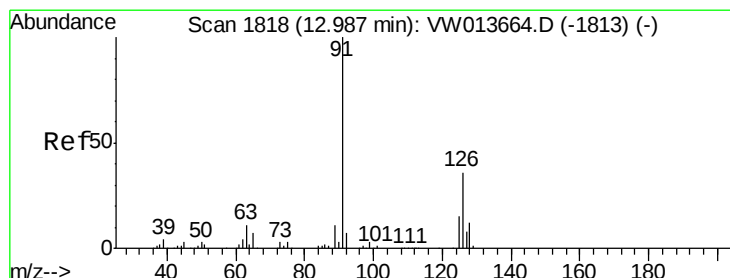
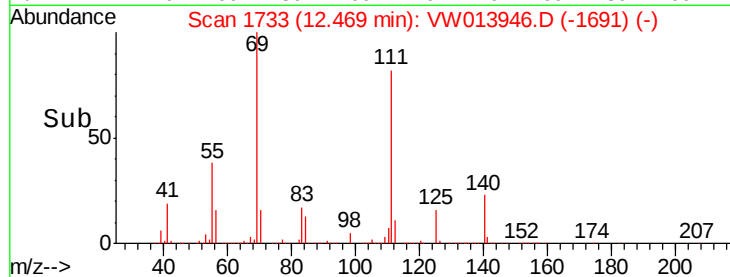
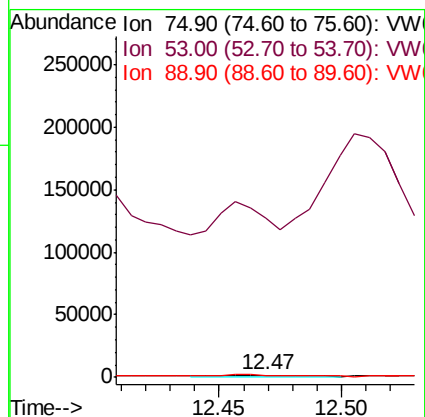
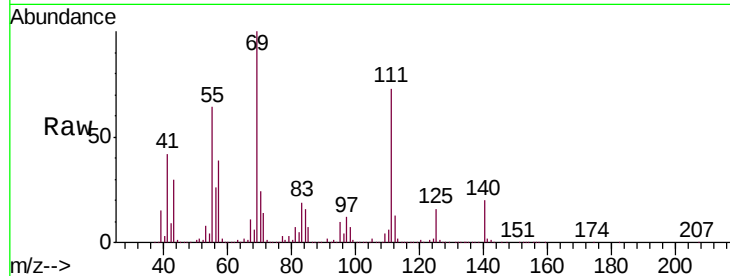
Tgt Ion: 75 Resp: 1990

Ion Ratio Lower Upper

75 100

53 3362.3 71.7 107.5#

89 209.5 35.8 53.8#



#82

4-Chlorotoluene

Concen: 1.670 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW013946.D

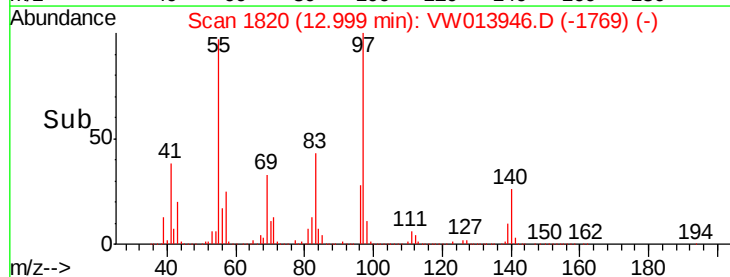
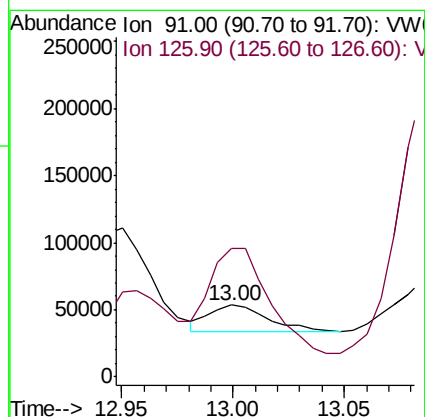
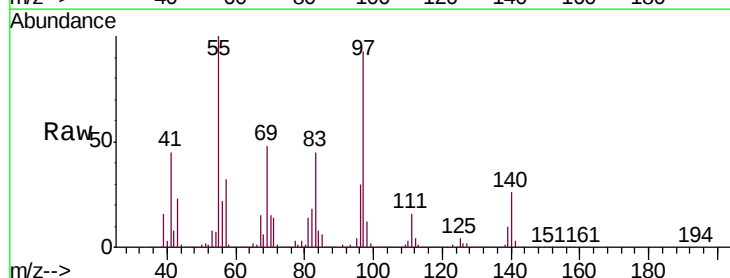
Acq: 08 Nov 2019 15:54

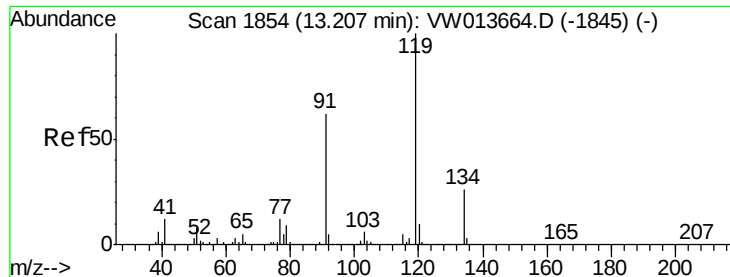
Tgt Ion: 91 Resp: 34776

Ion Ratio Lower Upper

91 100

126 441.7 17.2 51.5#

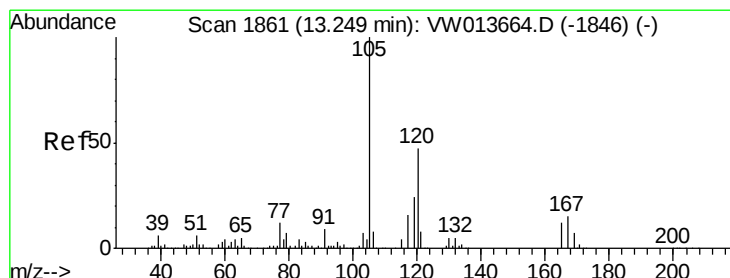
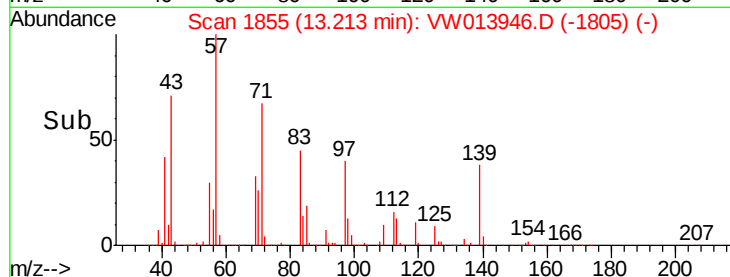
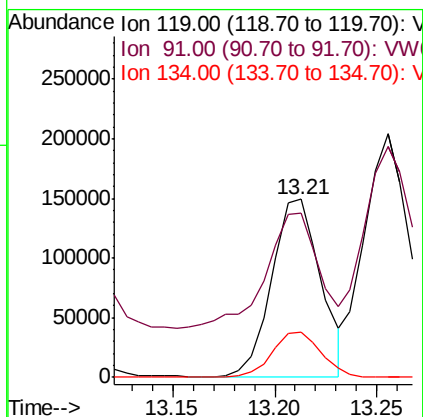
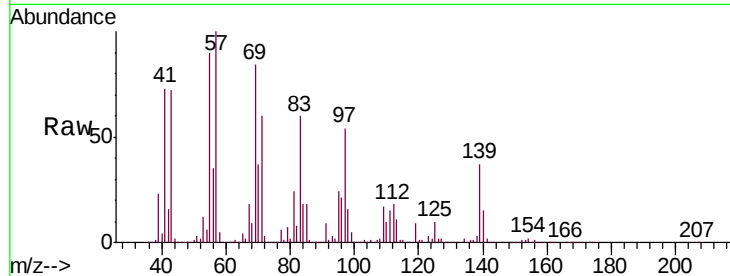




#83
 tert-Butylbenzene
 Concen: 10.900 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

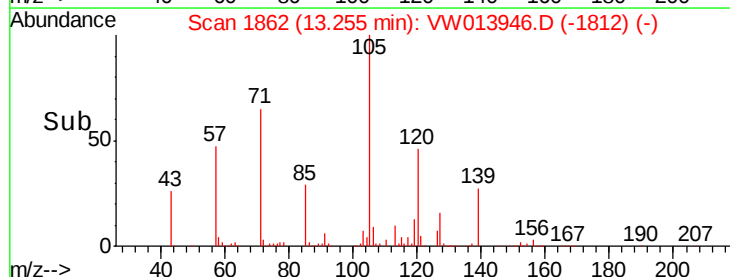
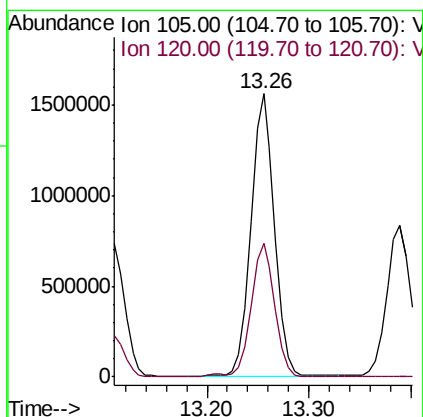
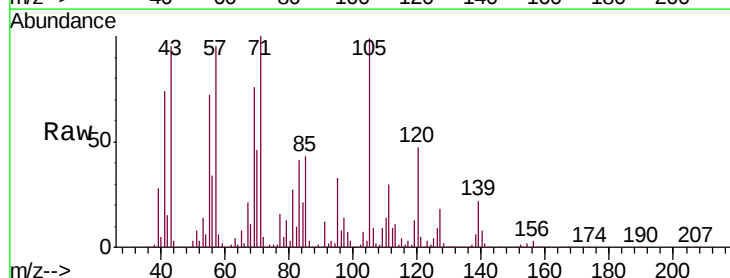
Instrument :
 MSVOA_W
 ClientSampled :
 SB-35-(6-8)

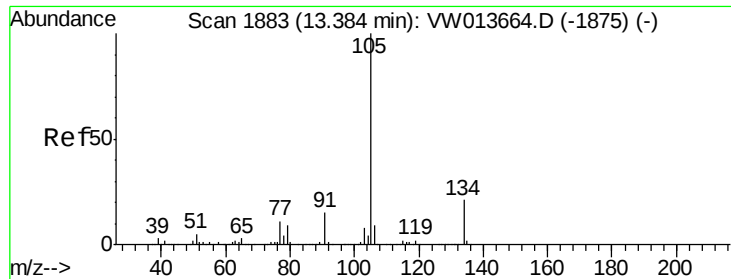
Tgt Ion:119 Resp: 248991
 Ion Ratio Lower Upper
 119 100
 91 70.5 30.4 91.3
 134 25.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 97.758 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW013946.D
 Acq: 08 Nov 2019 15:54

Tgt Ion:105 Resp: 2481751
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.5 70.5





#85

sec-Butylbenzene

Concen: 43.360 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

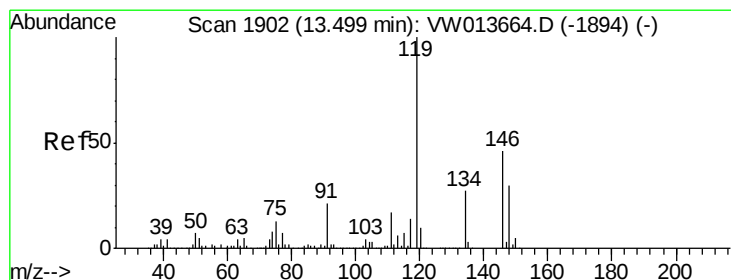
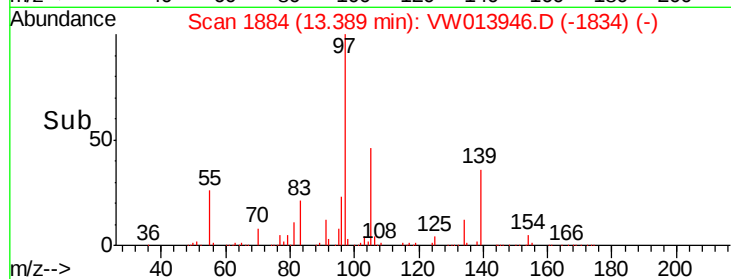
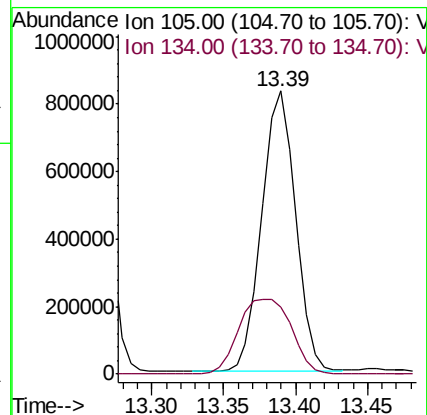
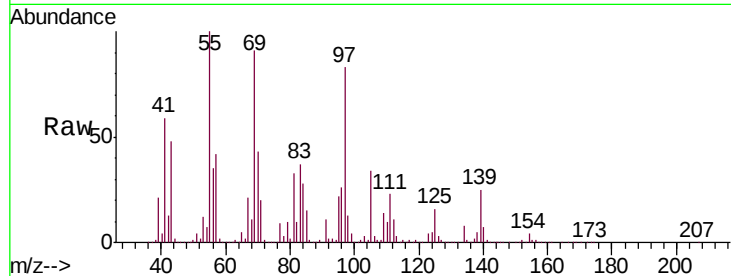
SB-35-(6-8)

Tgt Ion:105 Resp: 1354488

Ion Ratio Lower Upper

105 100

134 41.8 10.5 31.5#



#86

p-Isopropyltoluene

Concen: 27.675 ug/l

RT: 13.66 min Scan# 1928

Delta R.T. 0.16 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

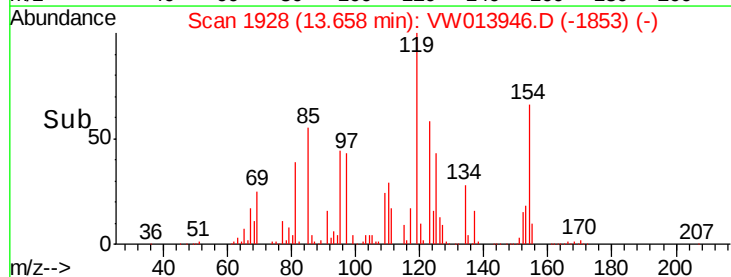
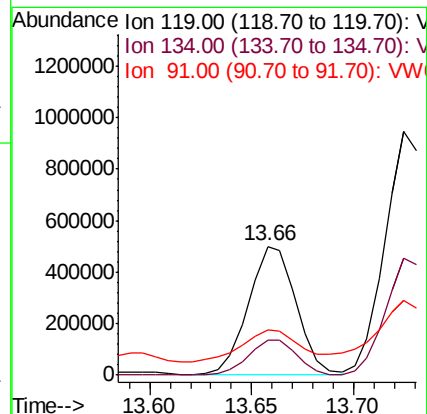
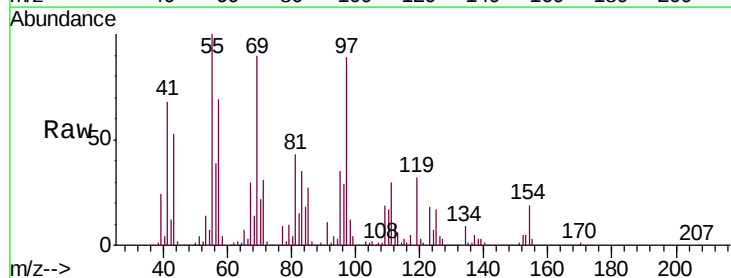
Tgt Ion:119 Resp: 805320

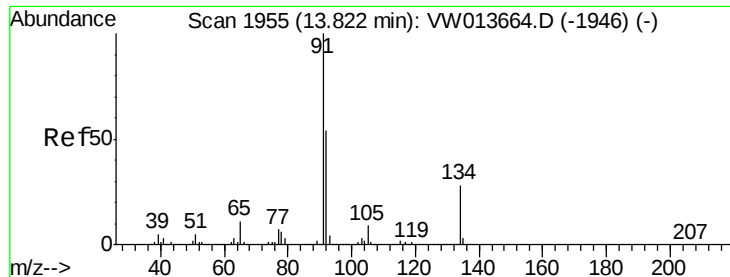
Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.1

91 30.5 10.8 32.3





#89

n-Butylbenzene

Concen: 32.671 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

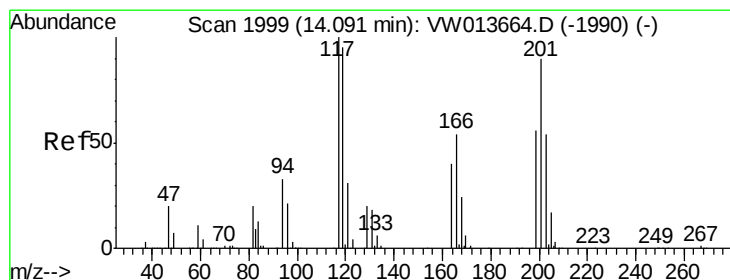
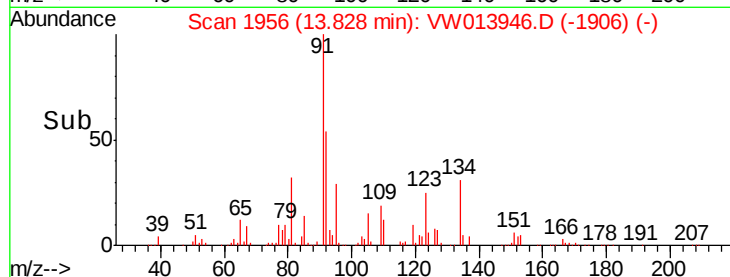
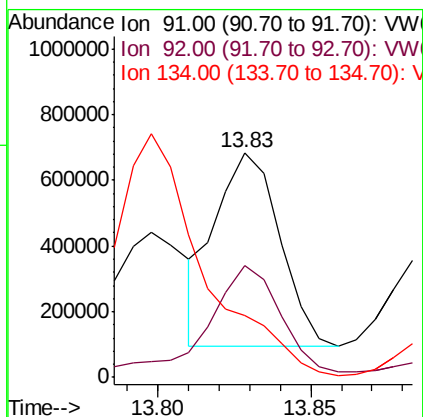
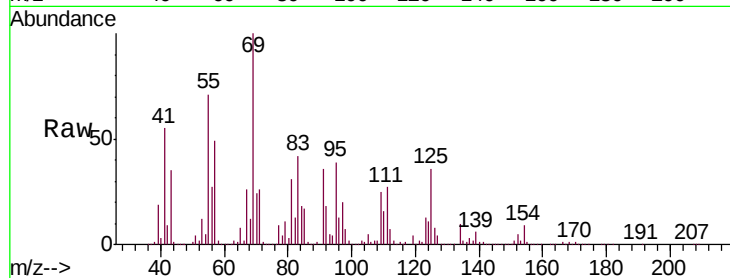
Tgt Ion: 91 Resp: 858126

Ion Ratio Lower Upper

91 100

92 60.4 27.5 82.4

134 0.0 14.0 41.9#



#90

Hexachloroethane

Concen: 161.659 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW013946.D

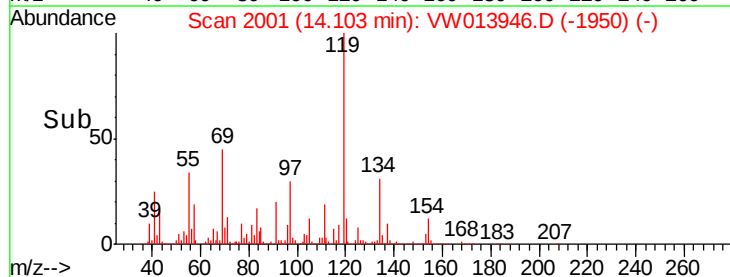
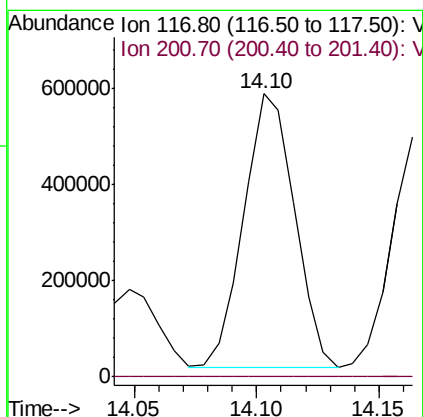
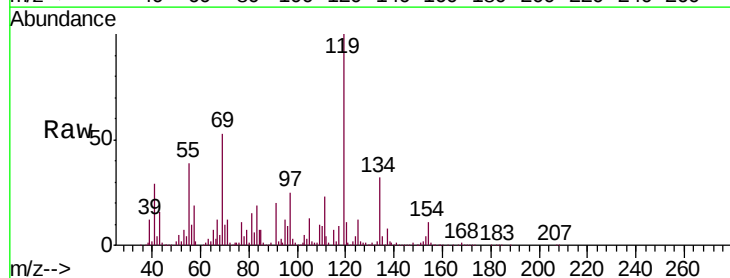
Acq: 08 Nov 2019 15:54

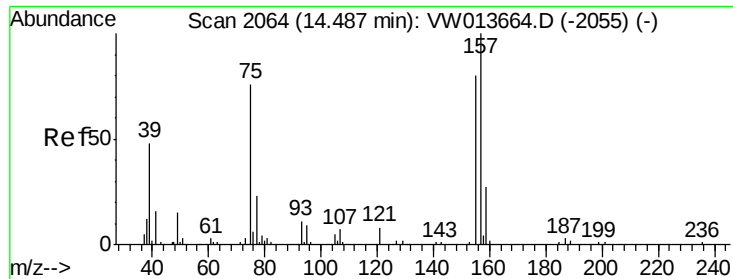
Tgt Ion: 117 Resp: 817645

Ion Ratio Lower Upper

117 100

201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.955 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

SB-35-(6-8)

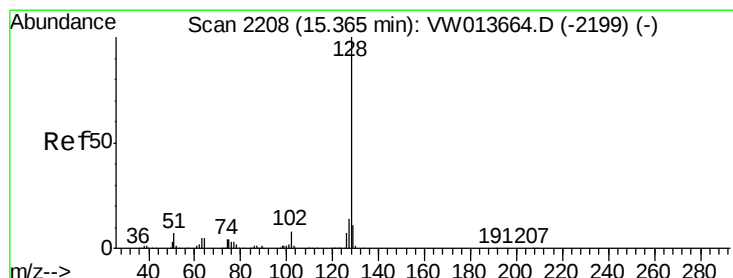
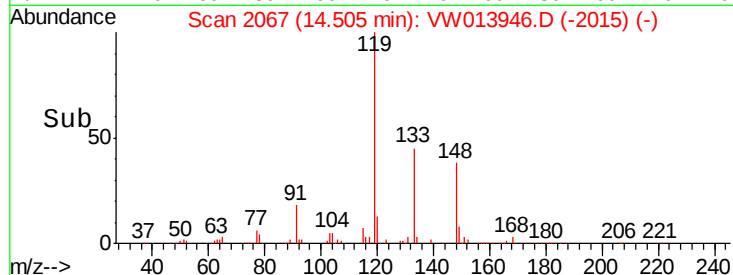
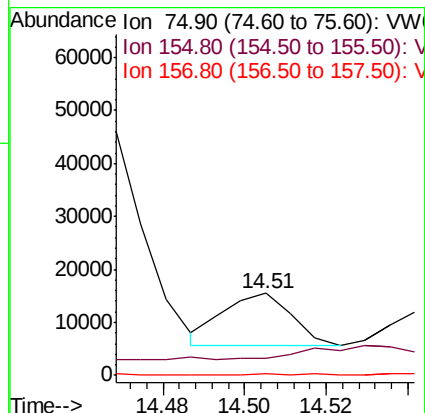
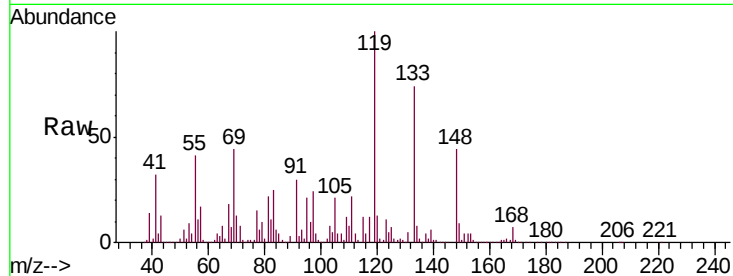
Tgt Ion: 75 Resp: 11607

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 1.9 64.8 194.3#



#95

Naphthalene

Concen: 1.646 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013946.D

Acq: 08 Nov 2019 15:54

Tgt Ion: 128 Resp: 22979

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.7 13.1#

