

Data File : VW013444.D
Acq On : 04 Oct 2019 17:29
Operator : SY/VA
Sample : K5213-08
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)

Quant Time: Oct 05 04:56:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	11500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	15628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	3416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5212	60.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.40%	
35) Dibromofluoromethane	7.88	113	4782	58.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.62%	
50) Toluene-d8	10.32	98	18163	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	7909	69.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.20%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.35	62	611	5.865	ug/l #	62
11) Tert butyl alcohol	5.12	59	859	107.649	ug/l #	73
16) Acetone	4.12	43	1620	61.550	ug/l #	72
20) Methylene Chloride	4.93	84	337	1.324	ug/l #	51
25) 2-Butanone	7.17	43	61	1.811	ug/l #	51
26) 2,2-Dichloropropane	7.12	77	1073	8.696	ug/l #	52
27) cis-1,2-Dichloroethene	7.17	96	7706	65.302	ug/l	95
36) 1,1-Dichloropropene	7.95	75	901	6.207	ug/l #	40
37) Ethyl Acetate	7.25	43	101	1.722	ug/l #	69
39) Methylcyclohexane	9.34	83	198	1.036	ug/l #	59
41) Methacrylonitrile	7.54	41	167	4.323	ug/l #	24
44) Trichloroethene	9.09	130	908	7.847	ug/l	66
46) Dibromomethane	9.45	93	71	1.445	ug/l #	1
47) Bromodichloromethane	9.65	83	224	1.852	ug/l #	26
48) Methyl methacrylate	9.40	41	128	2.209	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	399	6.299	ug/l	95
56) Ethyl methacrylate	10.66	69	398	4.034	ug/l #	74
59) 2-Hexanone	11.08	43	183	4.168	ug/l	70
60) Dibromochloromethane	11.09	129	345	4.114	ug/l	73
61) 1,2-Dibromoethane	11.18	107	222	3.134	ug/l	96
64) Tetrachloroethene	10.87	164	3299	33.867	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.75	131	250	2.798	ug/l #	19
69) o-Xylene	11.98	106	180	1.073	ug/l	95
71) Bromoform	12.33	173	578	11.933	ug/l #	29
73) Isopropylbenzene	12.47	105	769	3.078	ug/l	78
75) 1,1,2,2-Tetrachloroethane	12.68	83	2907	68.735	ug/l #	30
76) 1,2,3-Trichloropropane	12.82	75	184	6.061	ug/l #	100
77) Bromobenzene	12.87	156	15625	260.421	ug/l #	1
79) 2-Chlorotoluene	12.74	91	232	1.453	ug/l	91
80) 1,3,5-Trimethylbenzene	13.01	105	237	1.142	ug/l	65
81) trans-1,4-Dichloro-2-buten	12.54	75	87	9.782	ug/l #	52
83) tert-Butylbenzene	13.29	119	419	2.311	ug/l	91
85) sec-Butylbenzene	13.38	105	724	2.896	ug/l #	62
86) p-Isopropyltoluene	13.49	119	729	3.147	ug/l	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

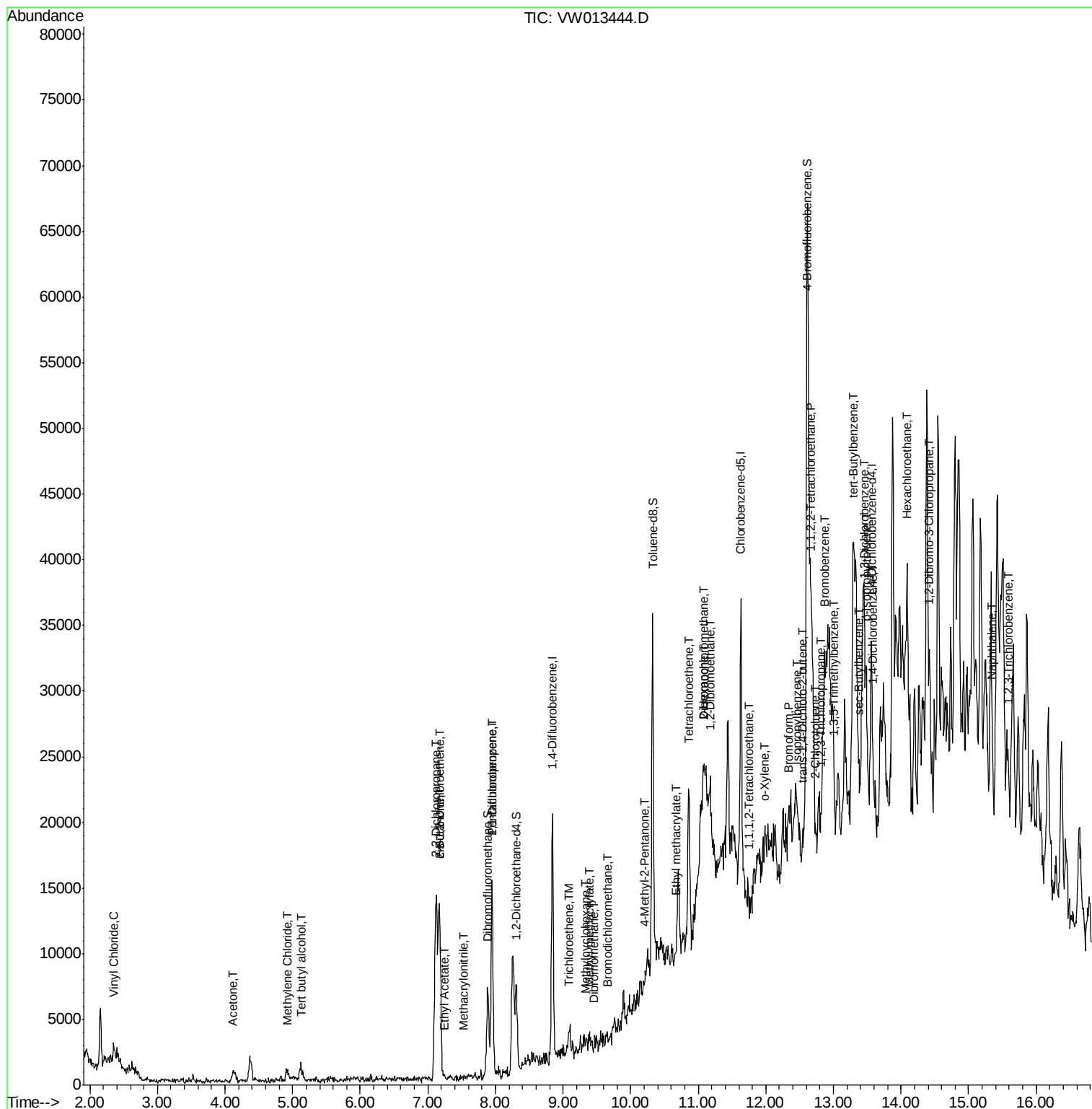
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.46	146	124	1.099	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	179	1.584	ug/l #	1
90) Hexachloroethane	14.10	117	821	21.451	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.41	75	179	28.296	ug/l #	11
95) Naphthalene	15.35	128	441	3.651	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	397	6.350	ug/l	76

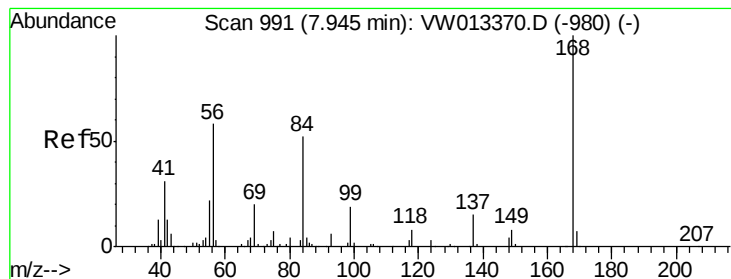
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

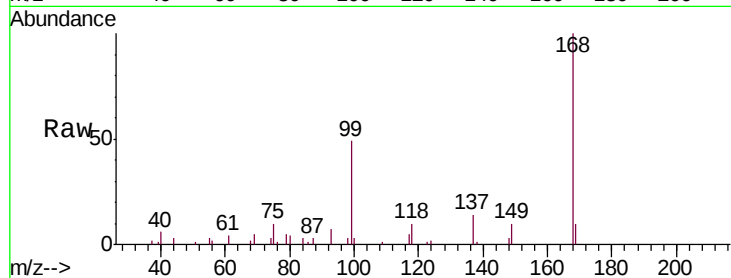
S-4(5-10)

Tgt Ion:168 Resp: 11500

Ion Ratio Lower Upper

168 100

99 48.8 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

5000

4000

3000

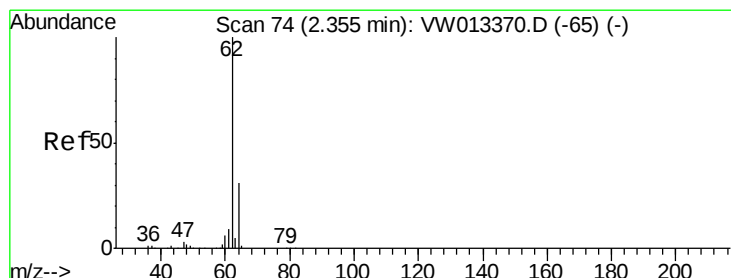
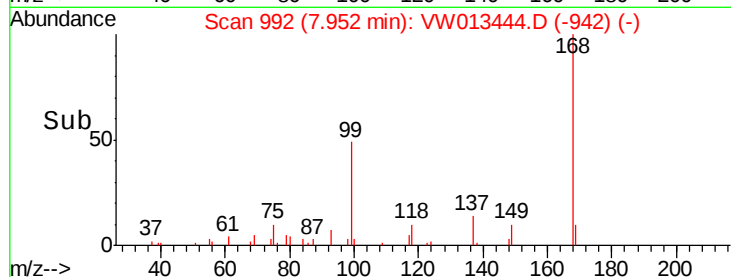
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#4

Vinyl Chloride

Concen: 5.865 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW013444.D

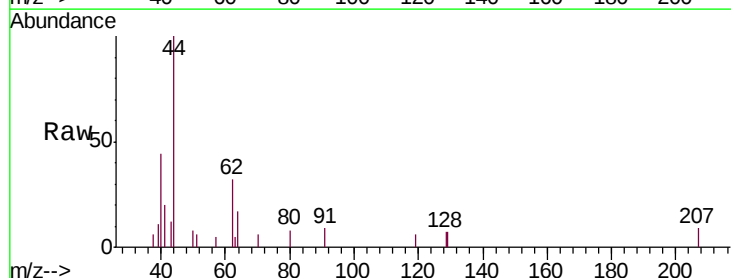
Acq: 04 Oct 2019 17:29

Tgt Ion: 62 Resp: 611

Ion Ratio Lower Upper

62 100

64 52.4 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

300

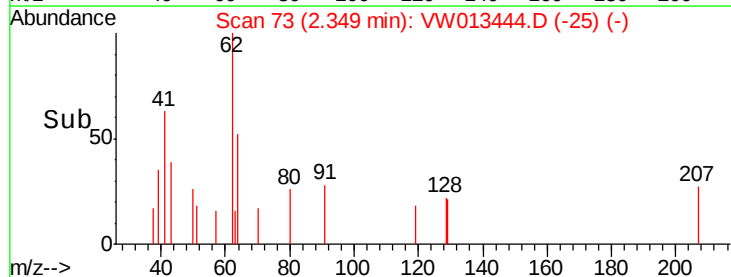
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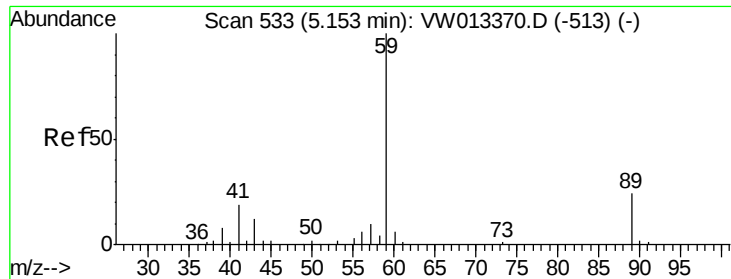
100

0

2.30 2.35 2.40

Time-->

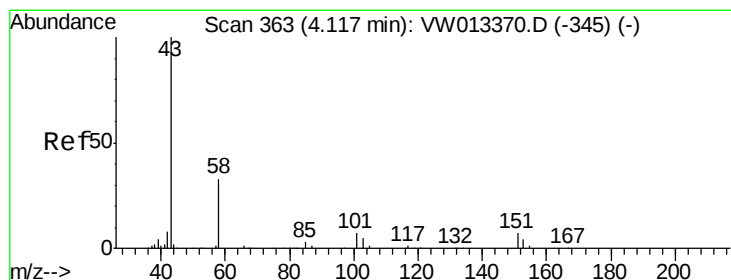
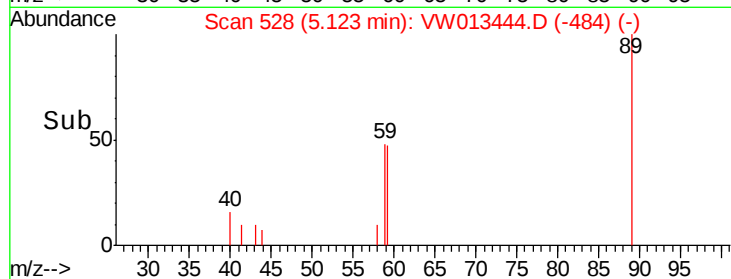
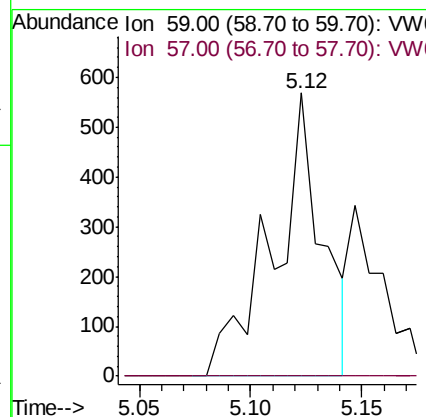
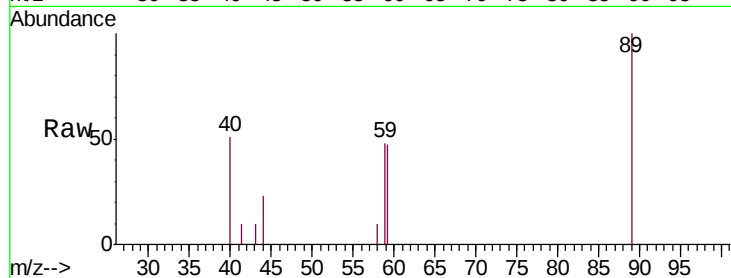




#11
Tert butyl alcohol
Concen: 107.649 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

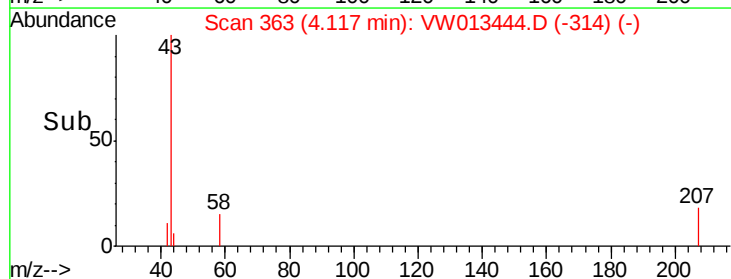
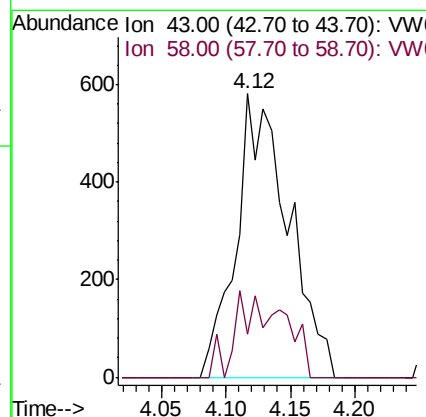
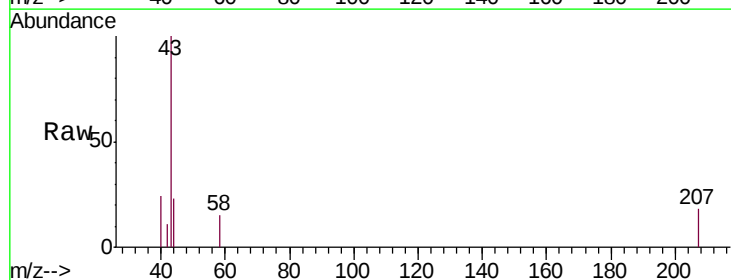
Instrument :
MSVOA_W
ClientSampled :
S-4(5-10)

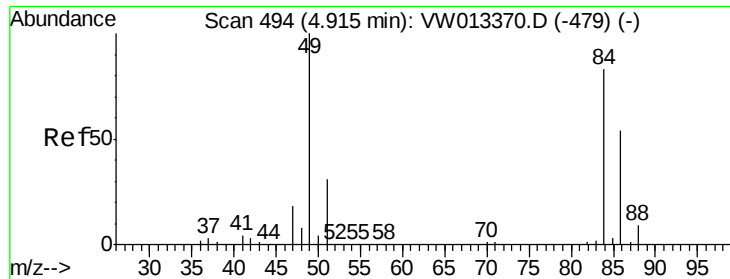
Tgt Ion: 59 Resp: 859
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 61.550 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 15.0 24.1 36.1#

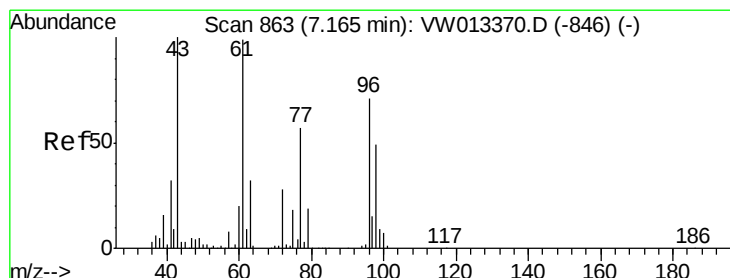
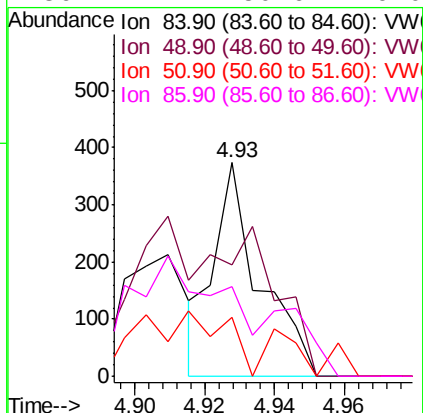
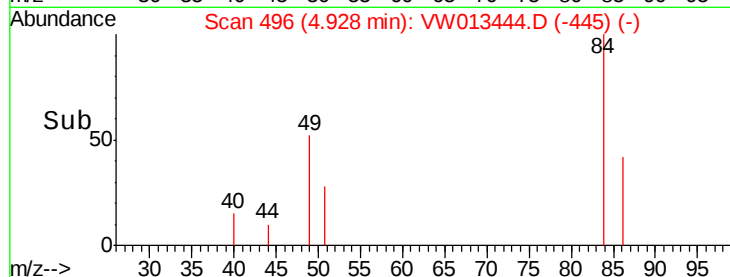
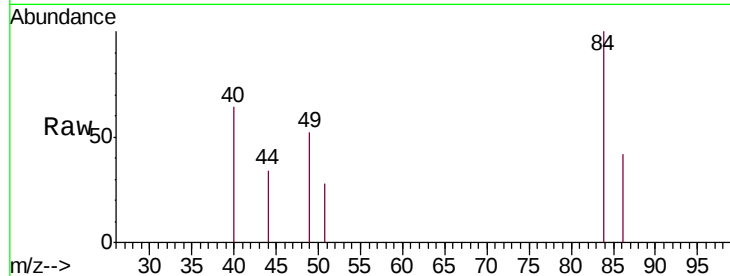




#20
Methylene Chloride
Concen: 1.324 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

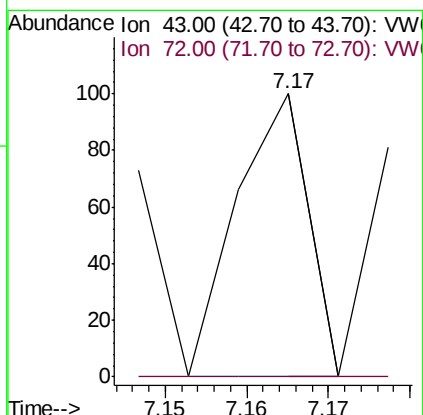
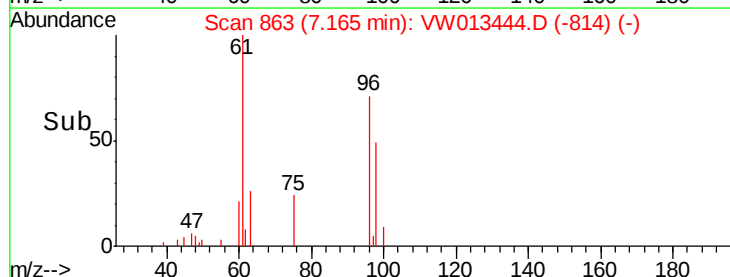
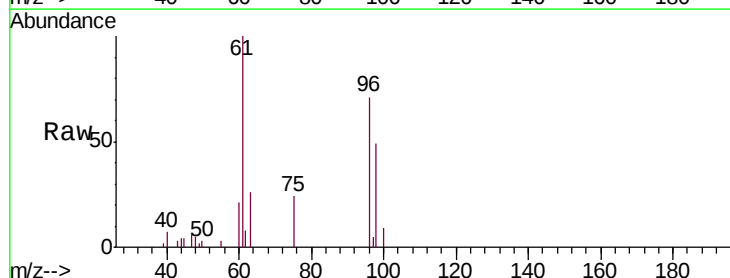
Instrument :
MSVOA_W
ClientSampled :
S-4(5-10)

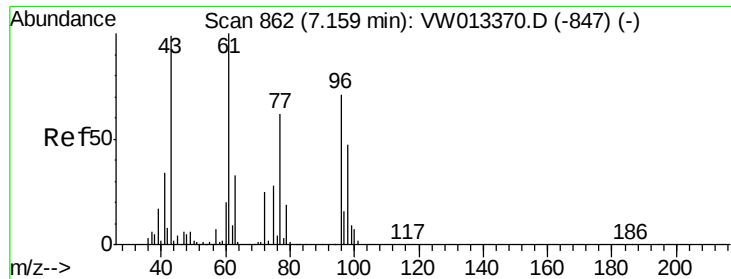
Tgt Ion: 84 Resp: 337
Ion Ratio Lower Upper
84 100
49 51.9 97.6 146.4#
51 12.0 30.2 45.2#
86 42.2 50.6 76.0#



#25
2-Butanone
Concen: 1.811 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#

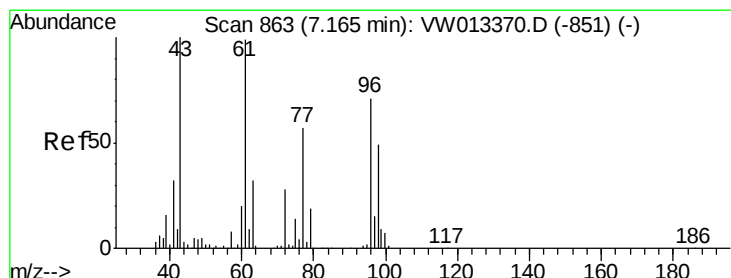
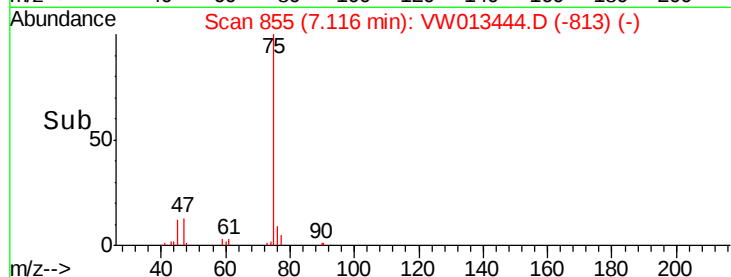
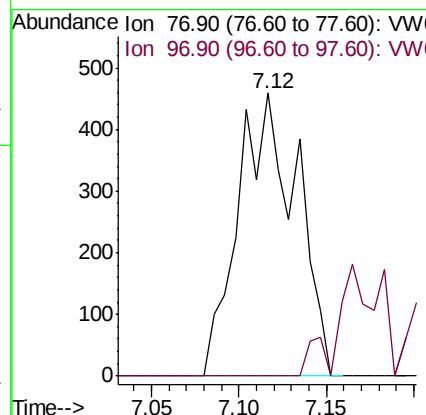
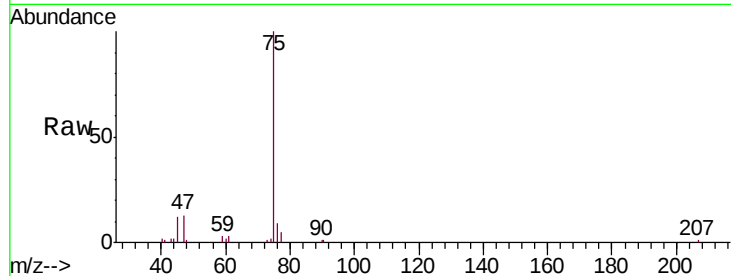




#26
 2,2-Dichloropropane
 Concen: 8.696 ug/l
 RT: 7.12 min Scan# 855
 Delta R.T. -0.04 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

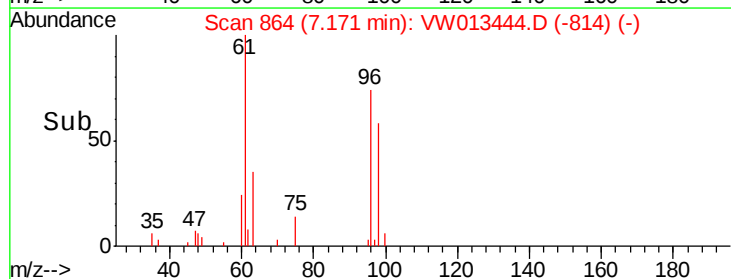
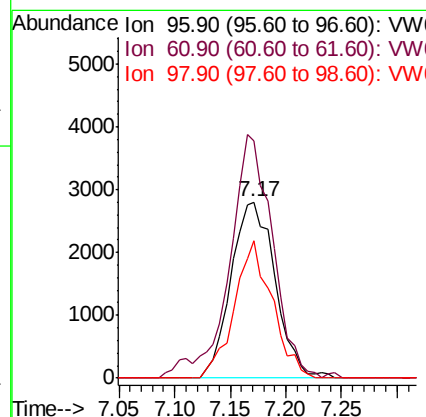
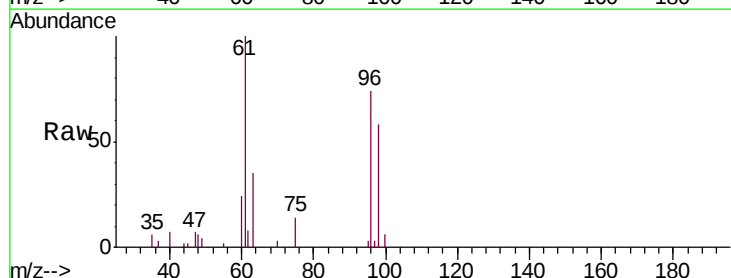
Instrument :
 MSVOA_W
 ClientSampled :
 S-4(5-10)

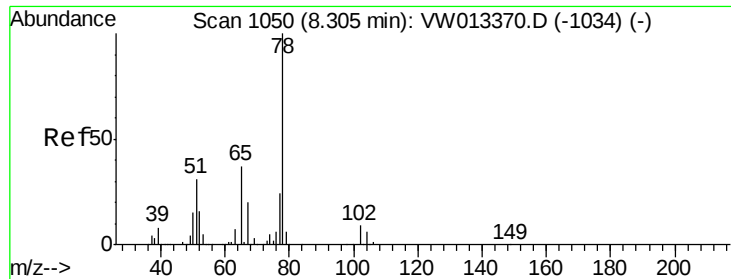
Tgt Ion: 77 Resp: 1073
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#27
 cis-1,2-Dichloroethene
 Concen: 65.302 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 96 Resp: 7706
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 282.4
 98 67.0 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 60.698 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

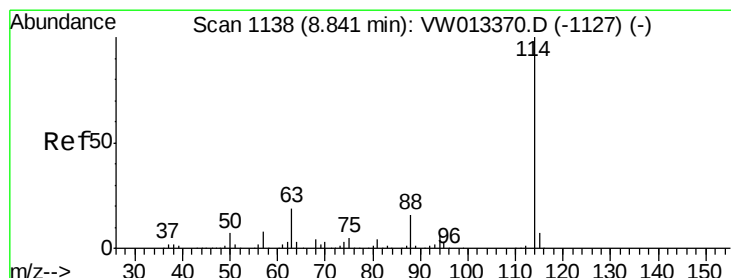
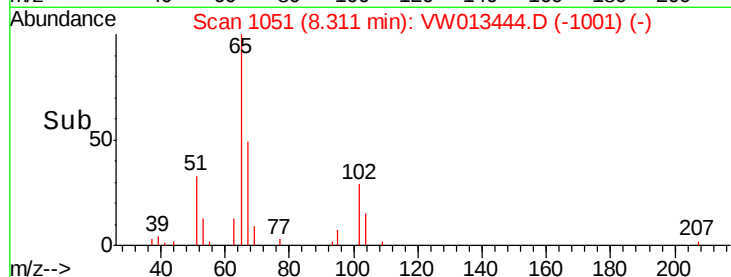
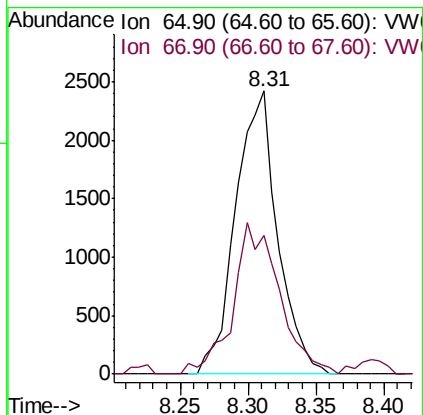
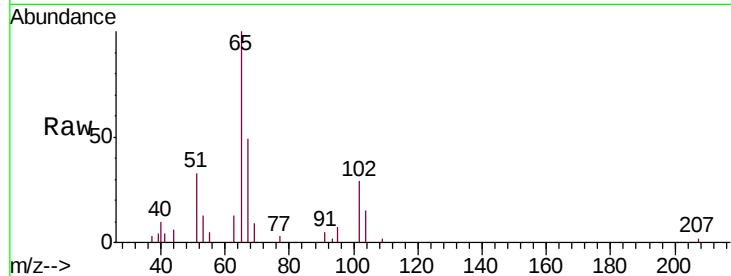
S-4(5-10)

Tgt Ion: 65 Resp: 5212

Ion Ratio Lower Upper

65 100

67 58.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

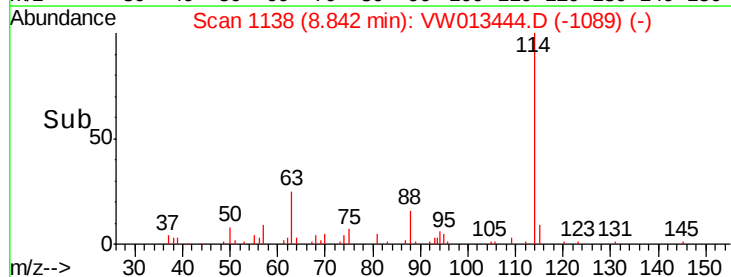
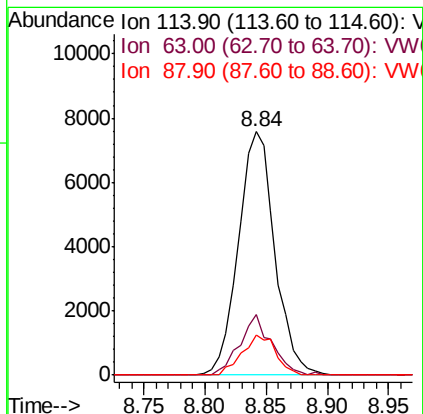
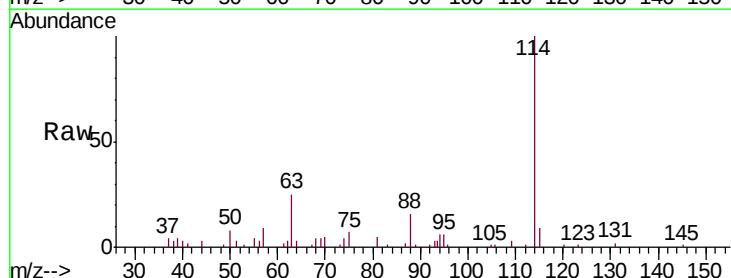
Tgt Ion: 114 Resp: 15628

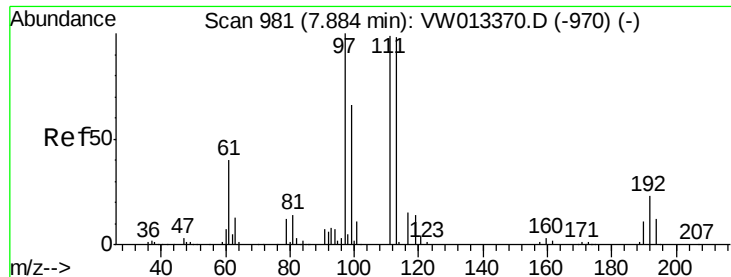
Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.4

88 16.3 0.0 32.0

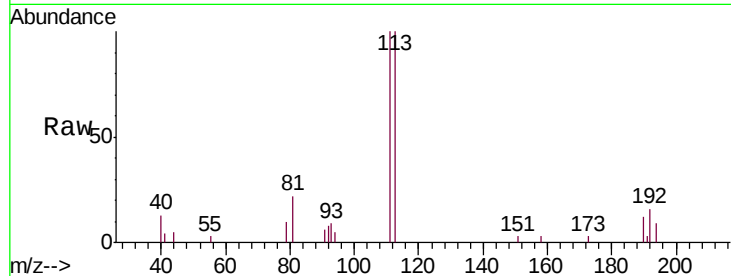




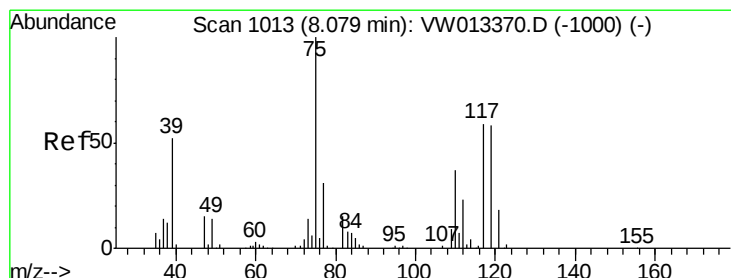
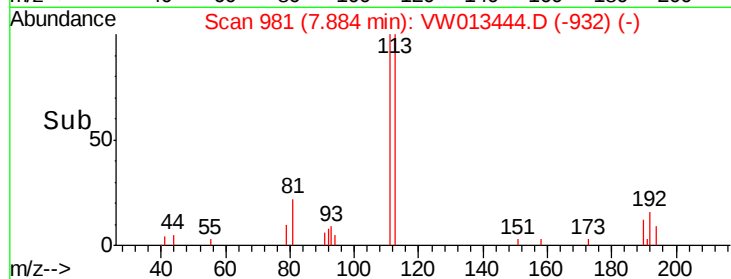
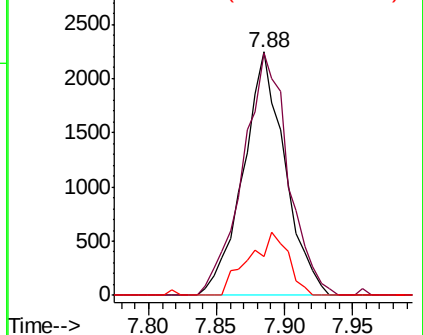
#35
 Dibromofluoromethane
 Concen: 58.314 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)

Tgt Ion: 113 Resp: 4782
 Ion Ratio Lower Upper
 113 100
 111 109.1 81.9 122.9
 192 24.7 19.1 28.7

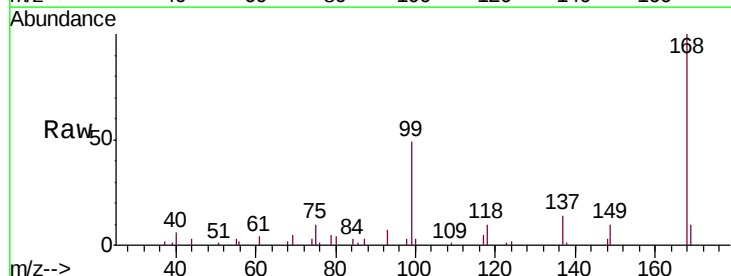


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

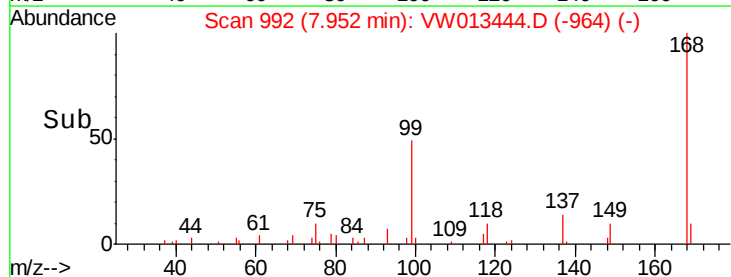
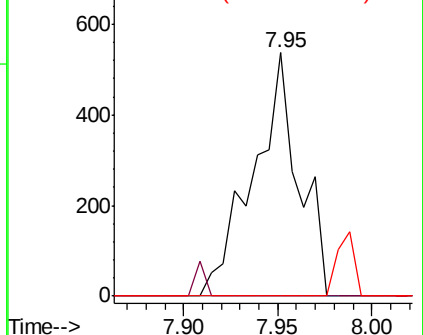


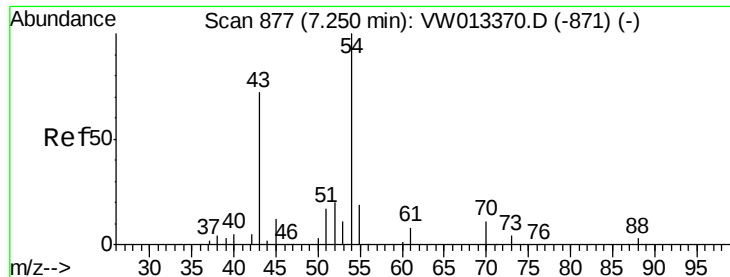
#36
 1,1-Dichloropropene
 Concen: 6.207 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 75 Resp: 901
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.3#
 77 0.0 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

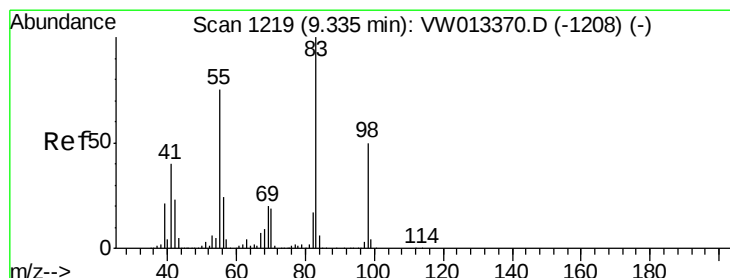
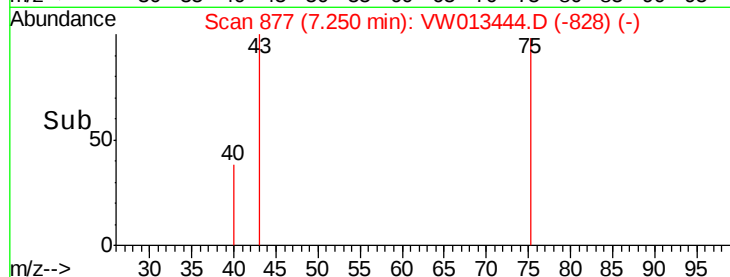
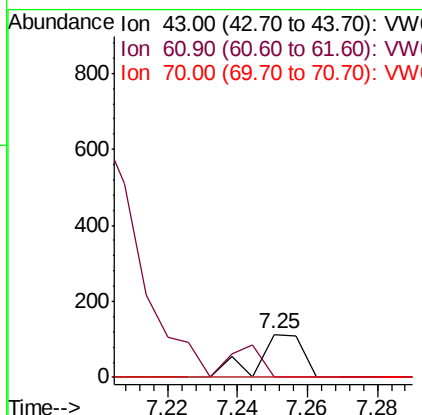
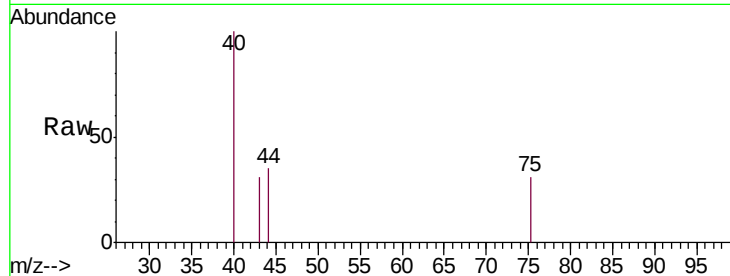




#37
 Ethyl Acetate
 Concen: 1.722 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

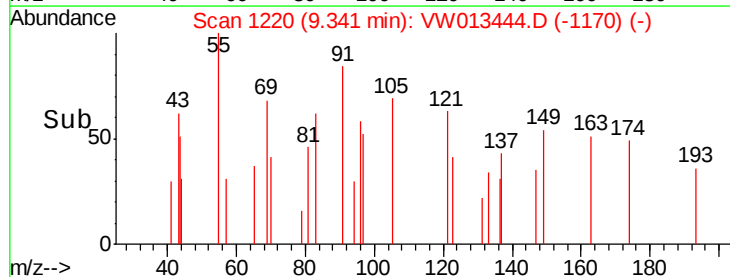
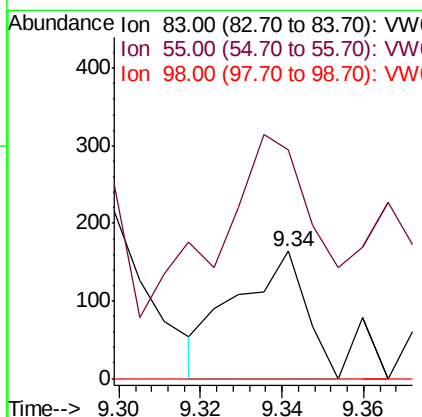
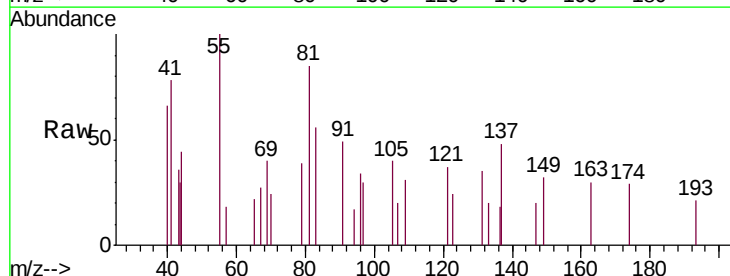
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)

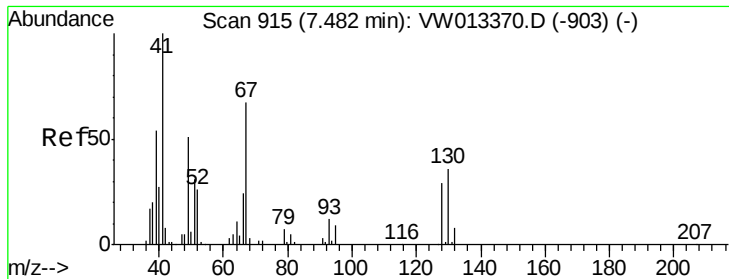
Tgt Ion: 43 Resp: 101
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 8.2 12.2#



#39
 Methylcyclohexane
 Concen: 1.036 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 83 Resp: 198
 Ion Ratio Lower Upper
 83 100
 55 92.1 60.4 90.6#
 98 0.0 40.0 60.0#





#41

Methacrylonitrile

Concen: 4.323 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

S-4(5-10)

Tgt Ion: 41 Resp: 167

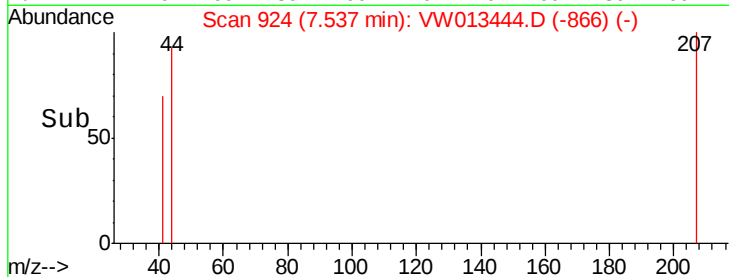
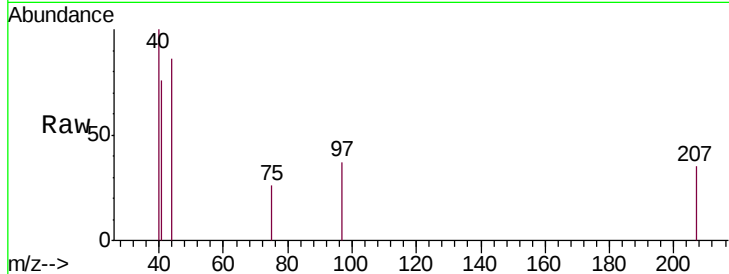
Ion Ratio Lower Upper

41 100

39 0.0 45.9 68.9#

67 0.0 54.5 81.7#

52 0.0 22.5 33.7#

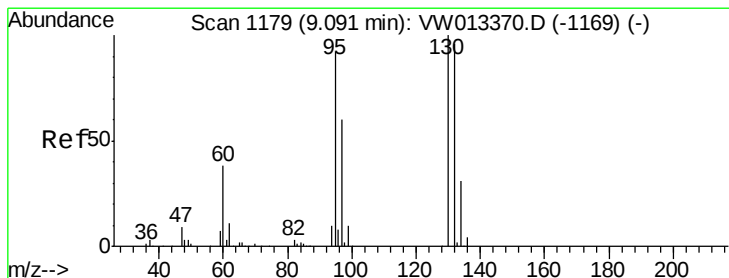
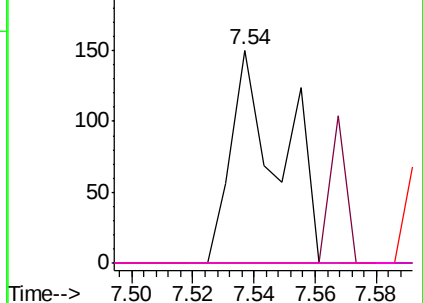


Abundance Ion 41.00 (40.70 to 41.70): VW

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



#44

Trichloroethene

Concen: 7.847 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013444.D

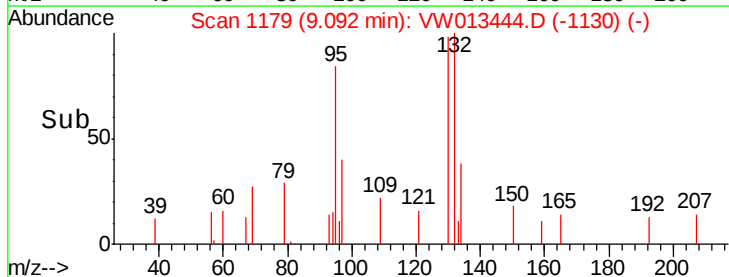
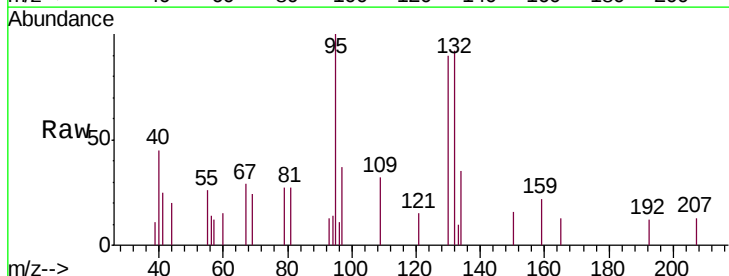
Acq: 04 Oct 2019 17:29

Tgt Ion: 130 Resp: 908

Ion Ratio Lower Upper

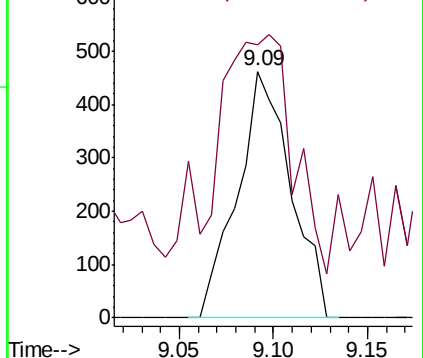
130 100

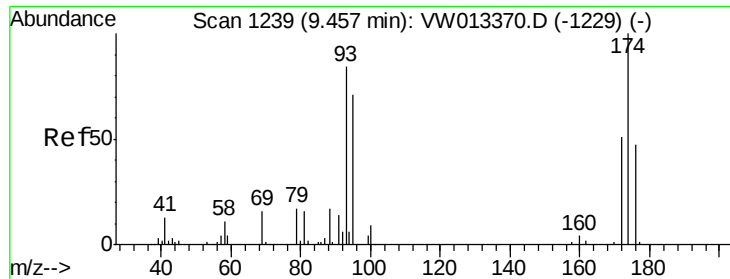
95 60.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#46

Dibromomethane

Concen: 1.445 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

S-4(5-10)

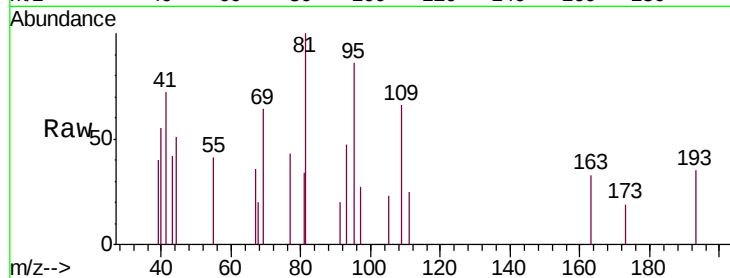
Tgt Ion: 93 Resp: 71

Ion Ratio Lower Upper

93 100

95 0.0 66.4 99.6#

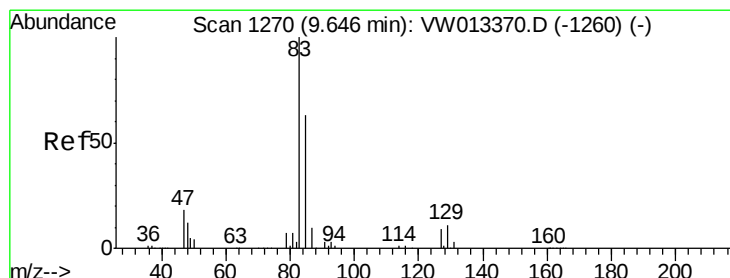
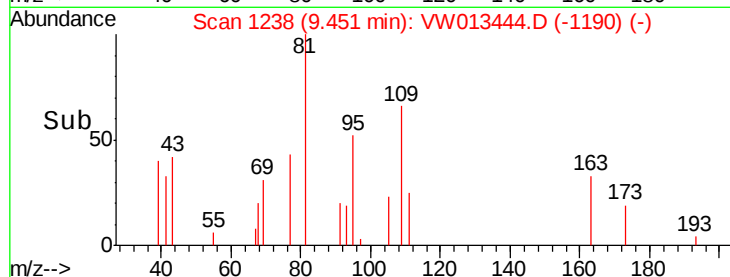
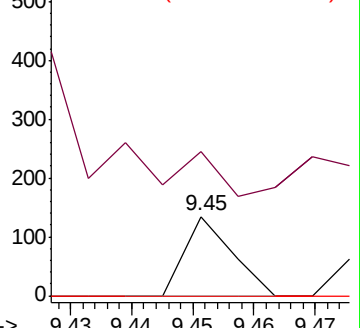
174 0.0 93.0 139.6#



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.852 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

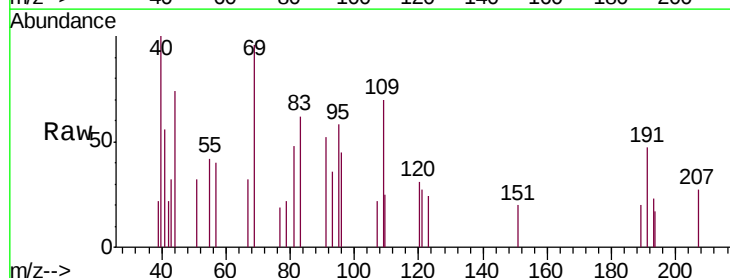
Tgt Ion: 83 Resp: 224

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.2#

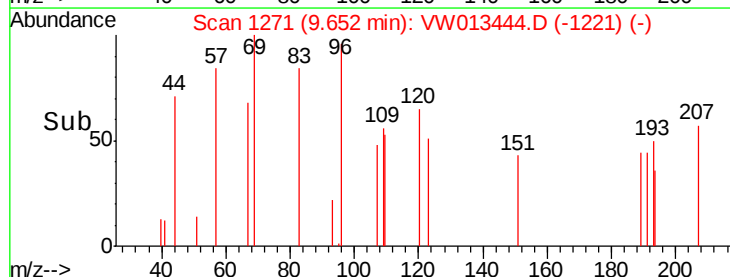
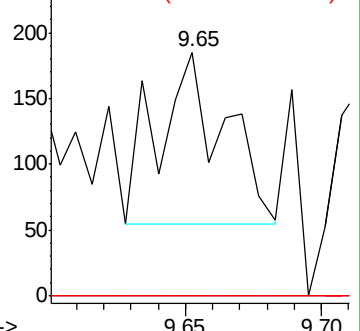
127 0.0 6.5 9.7#

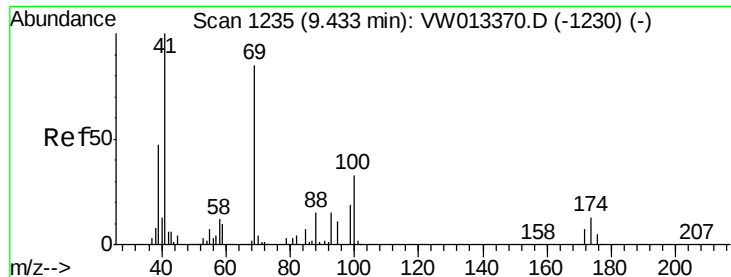


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

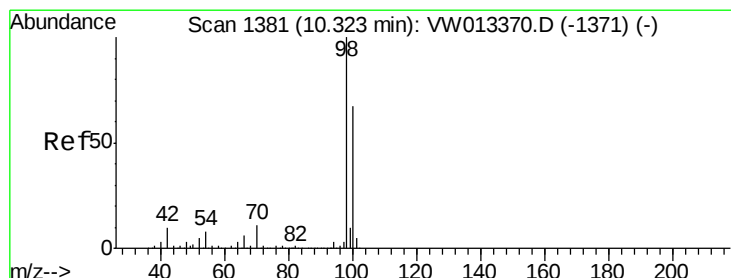
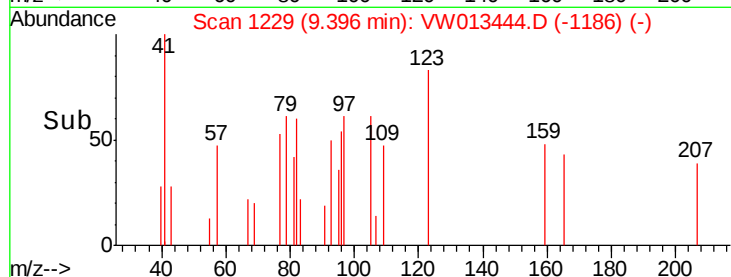
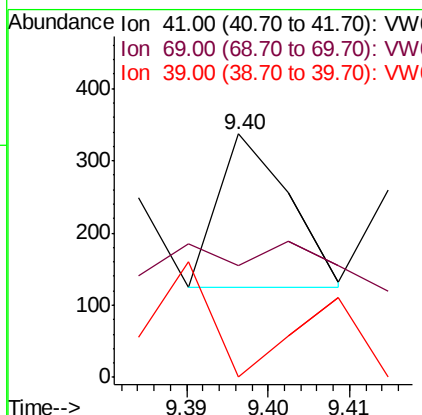
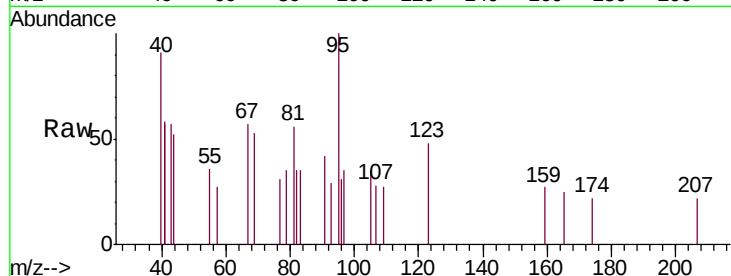




#48
Methyl methacrylate
Concen: 2.209 ug/l
RT: 9.40 min Scan# 1229
Delta R.T. -0.04 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

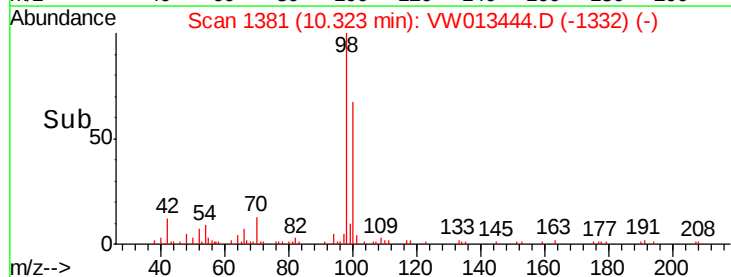
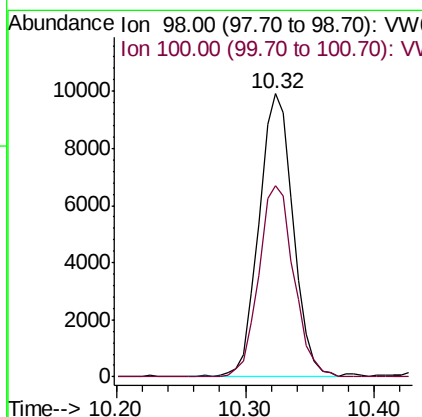
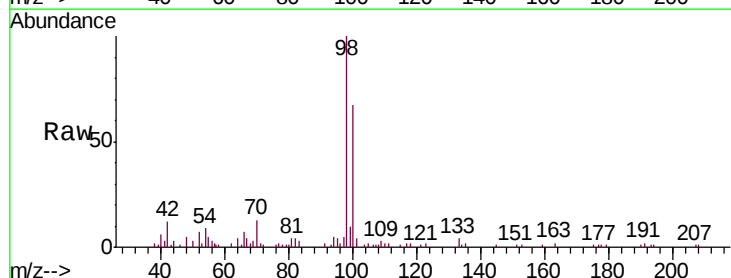
Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)

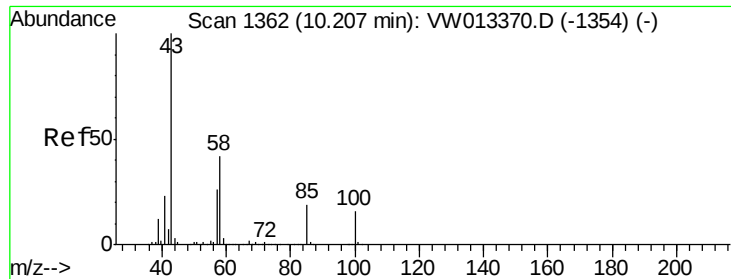
Tgt Ion: 41 Resp: 128
Ion Ratio Lower Upper
41 100
69 0.0 69.7 104.5#
39 0.0 41.1 61.7#



#50
Toluene-d8
Concen: 53.373 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 98 Resp: 18163
Ion Ratio Lower Upper
98 100
100 69.4 52.9 79.3

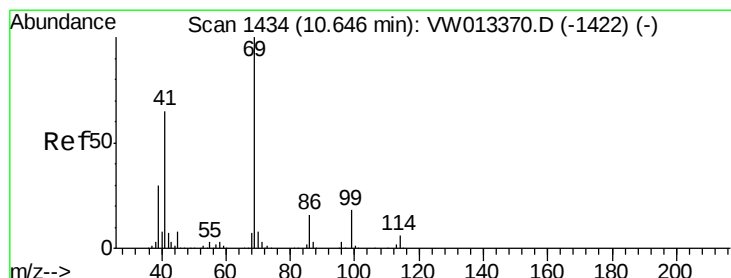
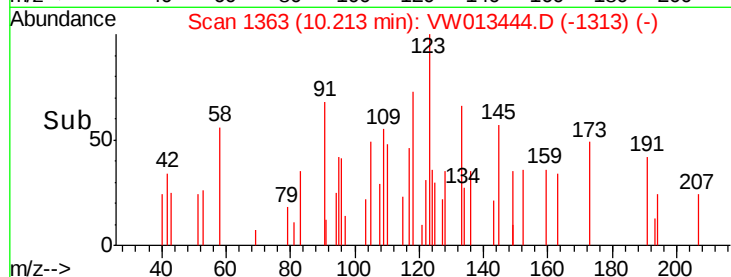
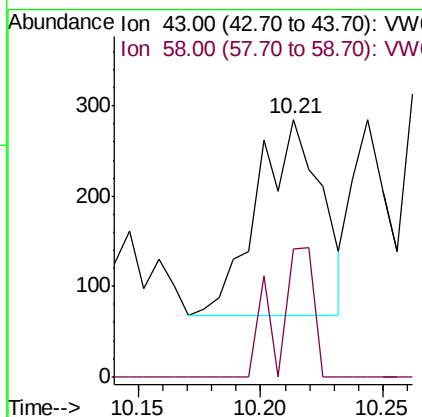
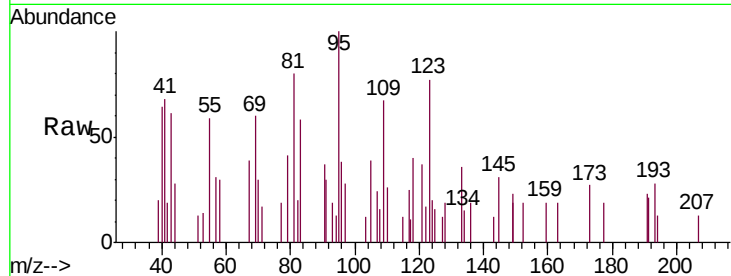




#51
4-Methyl-2-Pentanone
Concen: 6.299 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

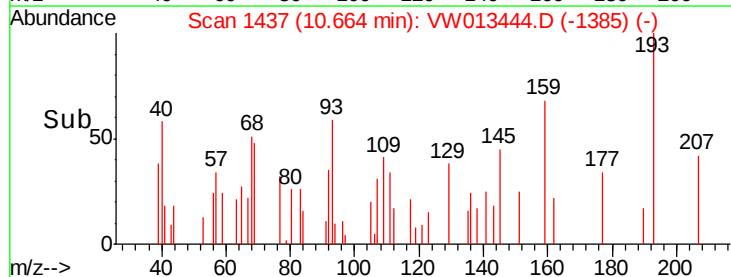
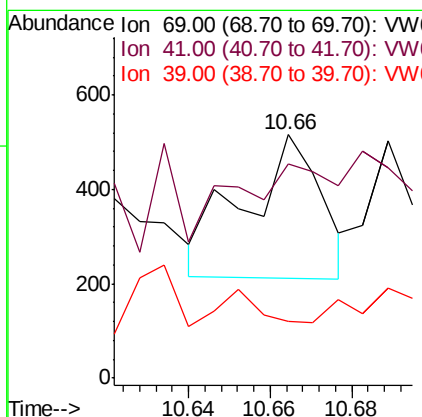
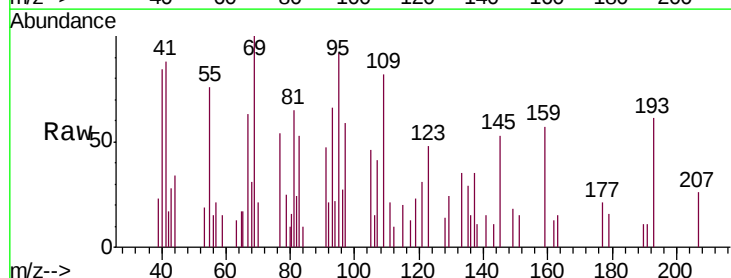
Instrument :
MSVOA_W
ClientSampled :
S-4(5-10)

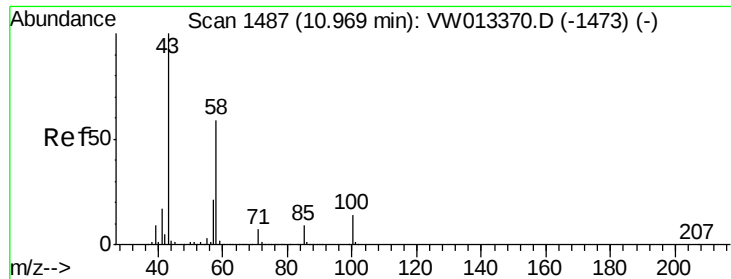
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5



#56
Ethyl methacrylate
Concen: 4.034 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 69 Resp: 398
Ion Ratio Lower Upper
69 100
41 41.5 53.9 80.9#
39 24.1 23.8 35.6

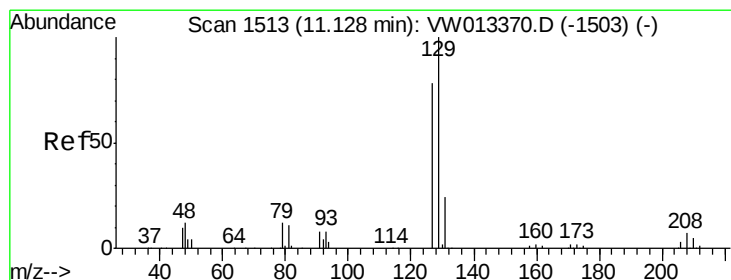
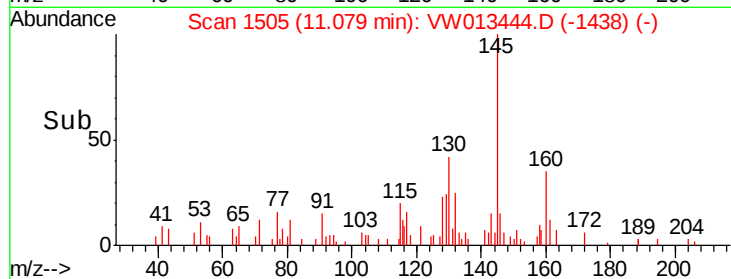
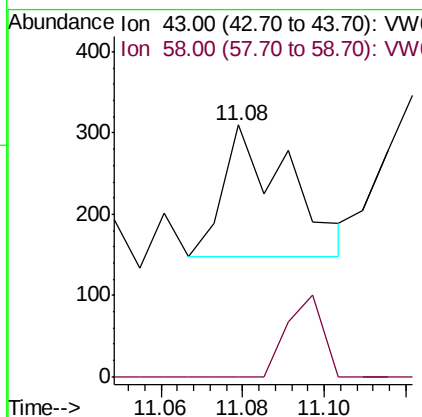
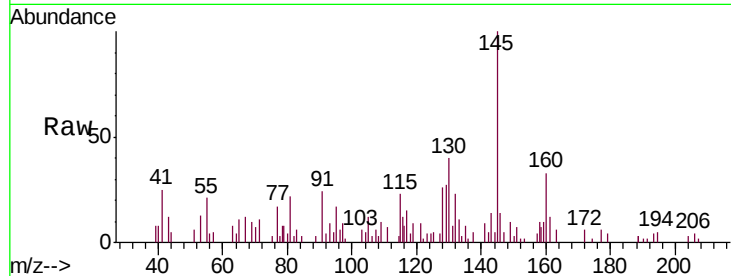




#59
2-Hexanone
Concen: 4.168 ug/l
RT: 11.08 min Scan# 1505
Delta R.T. 0.11 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

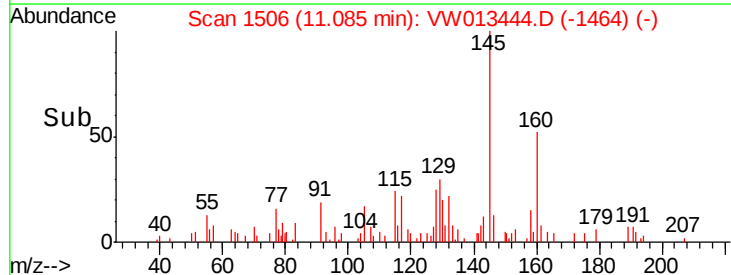
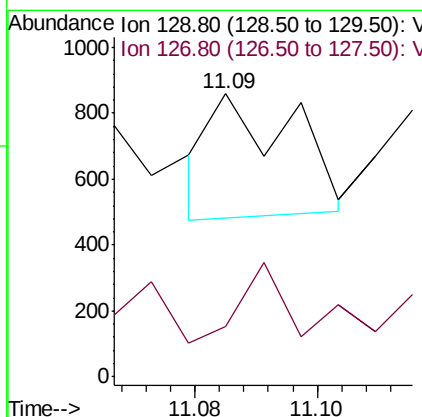
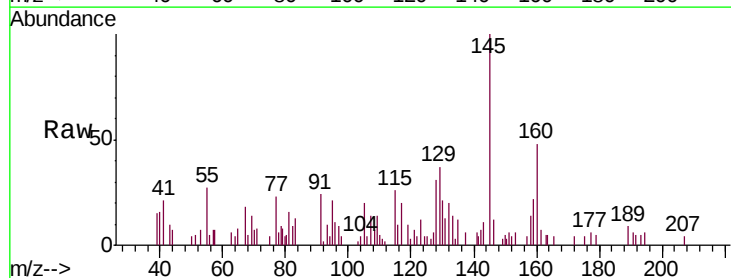
Instrument :
MSVOA_W
ClientSampled :
S-4(5-10)

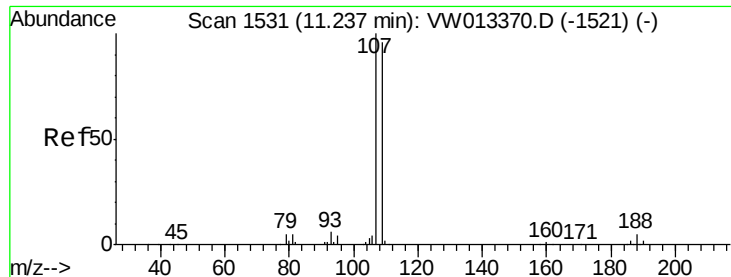
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 33.9 28.1 84.2



#60
Dibromochloromethane
Concen: 4.114 ug/l
RT: 11.09 min Scan# 1506
Delta R.T. -0.04 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 129 Resp: 345
Ion Ratio Lower Upper
129 100
127 53.9 38.8 116.4

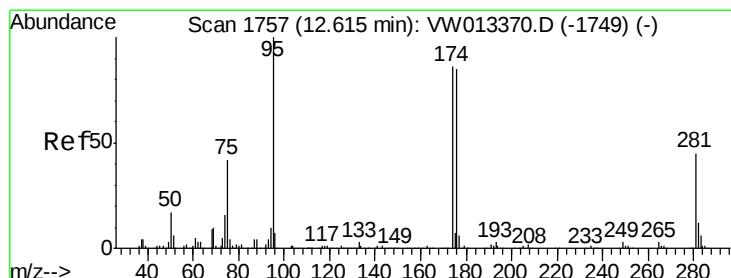
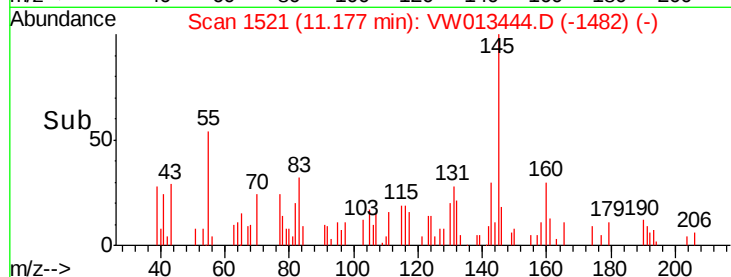
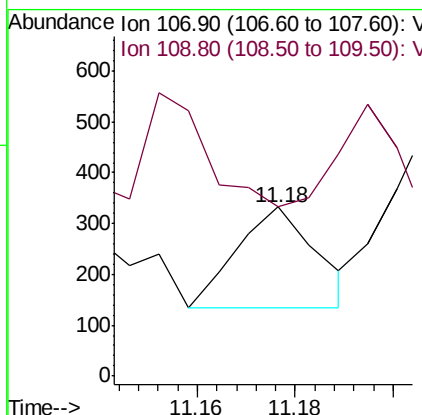
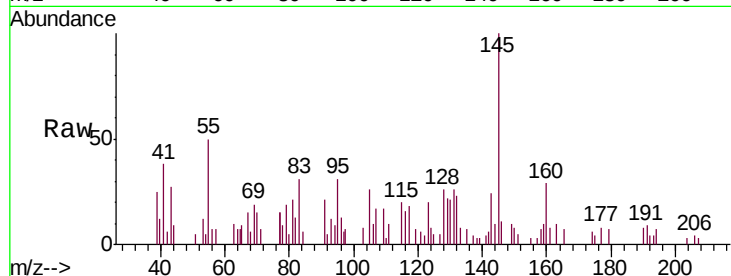




#61
 1,2-Dibromoethane
 Concen: 3.134 ug/l
 RT: 11.18 min Scan# 1521
 Delta R.T. -0.06 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

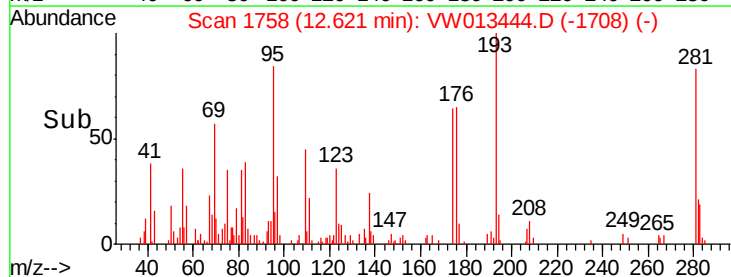
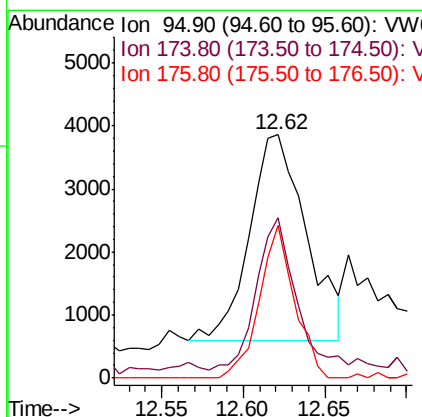
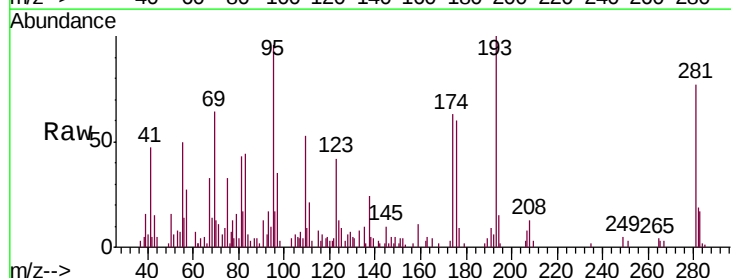
Instrument :
 MSVOA_W
 ClientSampled :
 S-4(5-10)

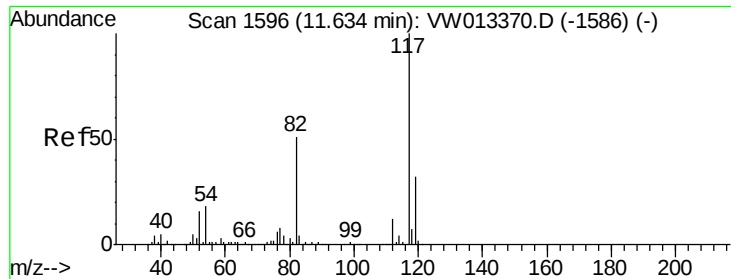
Tgt Ion: 107 Resp: 222
 Ion Ratio Lower Upper
 107 100
 109 97.7 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 69.598 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 95 Resp: 7909
 Ion Ratio Lower Upper
 95 100
 174 52.5 0.0 178.4
 176 45.7 0.0 172.2

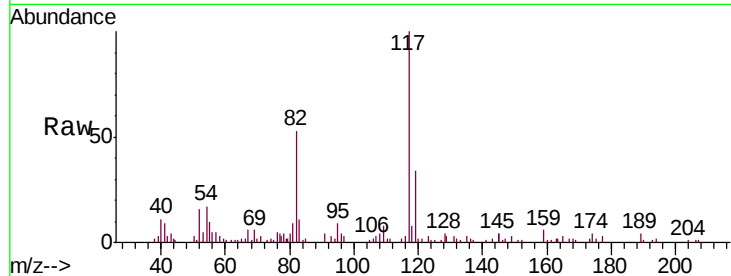




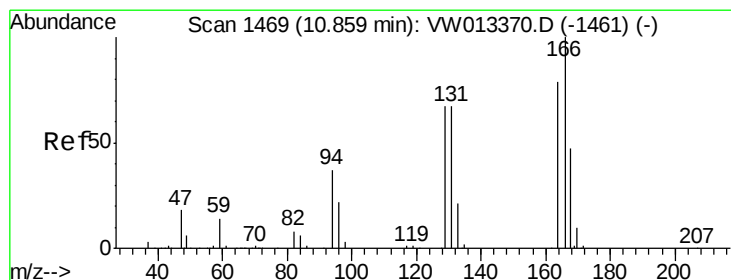
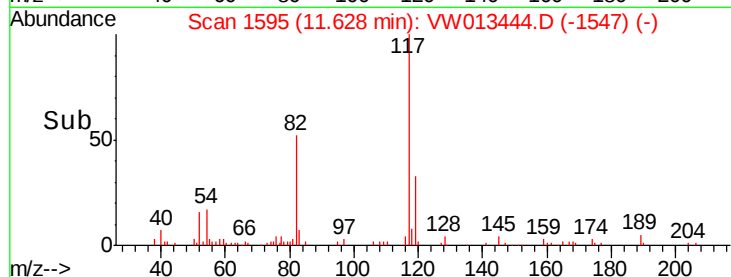
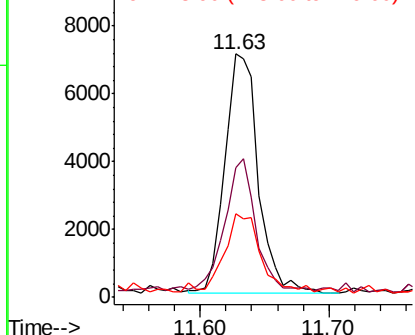
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)

Tgt Ion:117 Resp: 12804
Ion Ratio Lower Upper
117 100
82 51.5 45.9 68.9
119 32.5 26.2 39.2

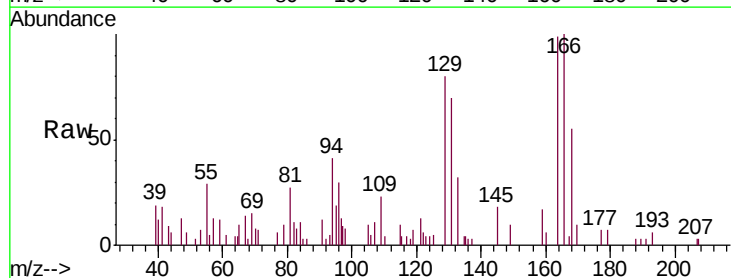


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

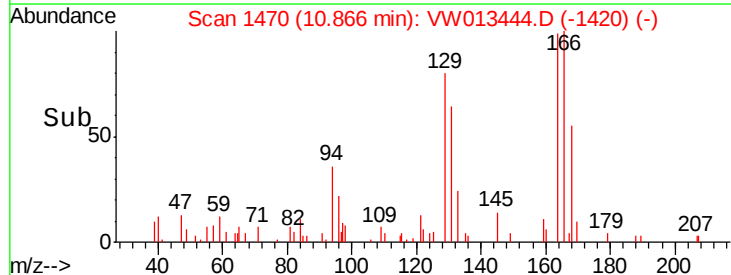
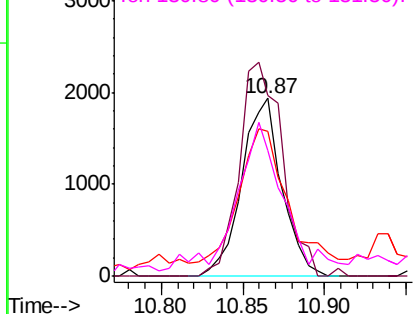


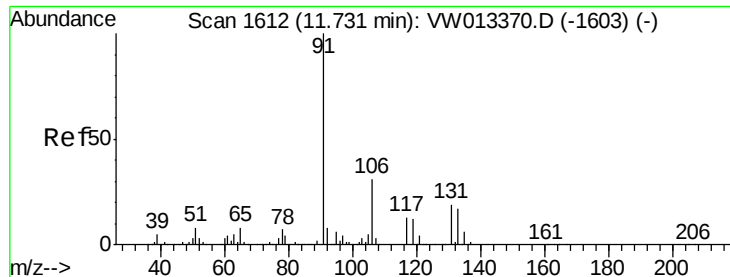
#64
Tetrachloroethene
Concen: 33.867 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion:164 Resp: 3299
Ion Ratio Lower Upper
164 100
166 101.2 101.2 151.8
129 73.9 68.8 103.2
131 63.0 65.2 97.8#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#66

1,1,1,2-Tetrachloroethane

Concen: 2.798 ug/l

RT: 11.75 min Scan# 1615

Delta R.T. 0.02 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

S-4(5-10)

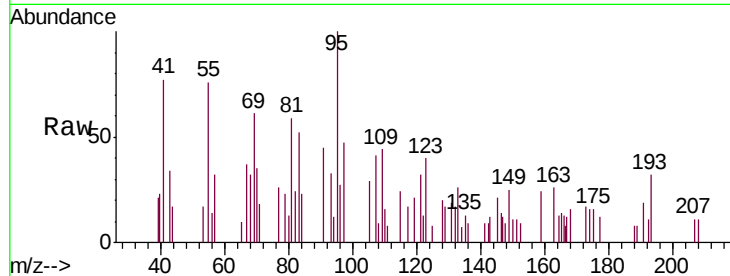
Tgt Ion:131 Resp: 250

Ion Ratio Lower Upper

131 100

133 16.8 47.5 142.6#

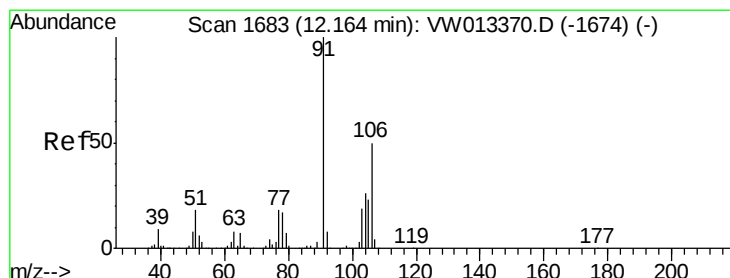
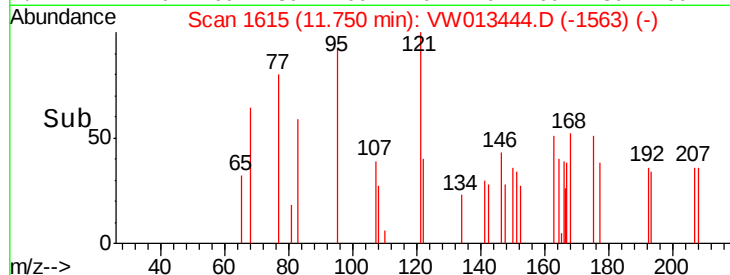
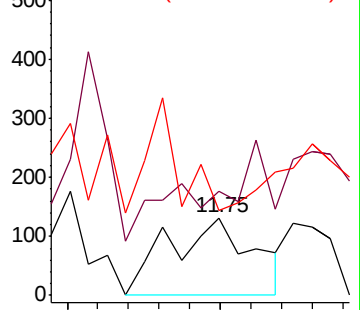
119 0.0 32.5 97.5#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#69

o-Xylene

Concen: 1.073 ug/l

RT: 11.98 min Scan# 1652

Delta R.T. -0.19 min

Lab File: VW013444.D

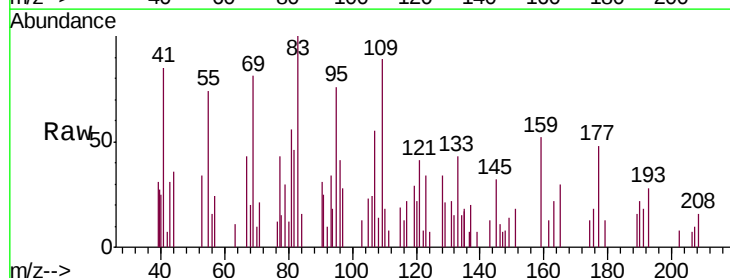
Acq: 04 Oct 2019 17:29

Tgt Ion:106 Resp: 180

Ion Ratio Lower Upper

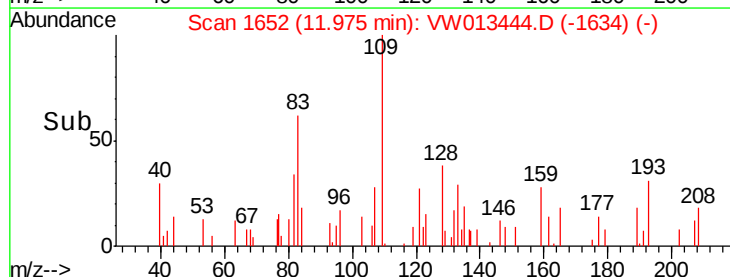
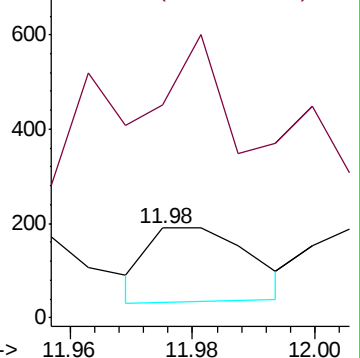
106 100

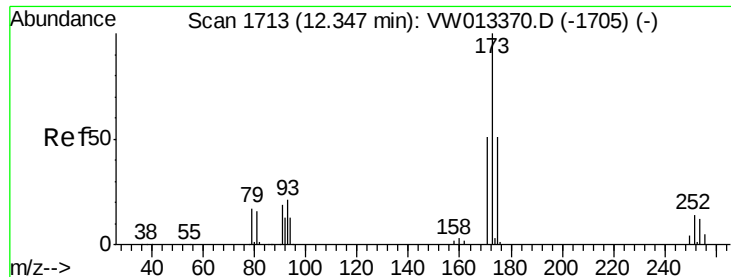
91 205.0 106.5 319.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#71

Bromoform

Concen: 11.933 ug/l

RT: 12.33 min Scan# 1710

Delta R.T. -0.02 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

S-4(5-10)

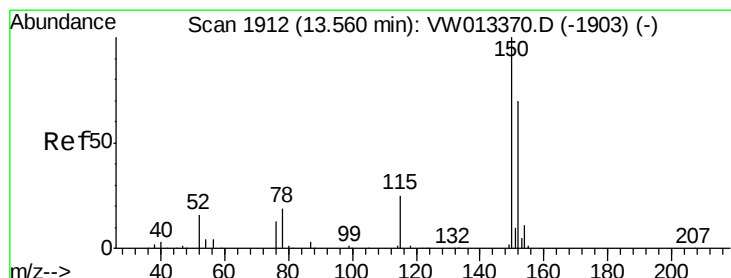
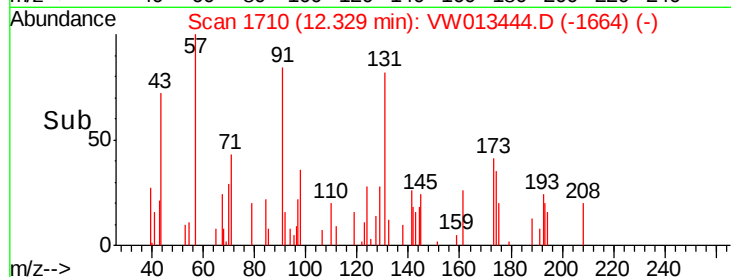
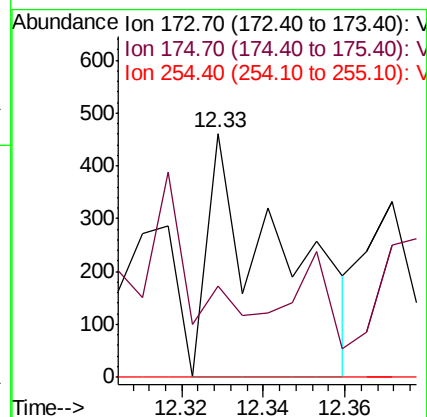
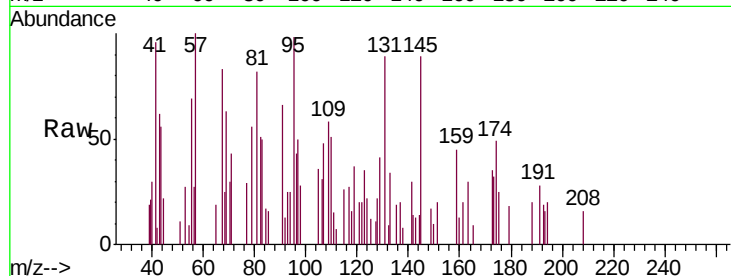
Tgt Ion:173 Resp: 578

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

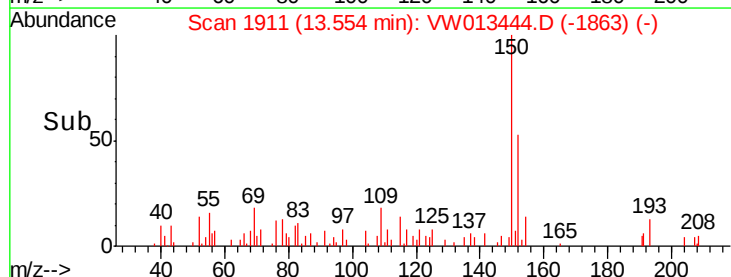
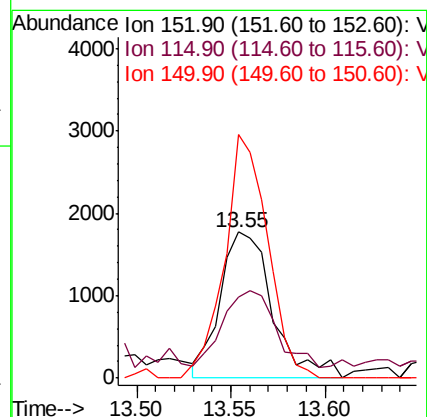
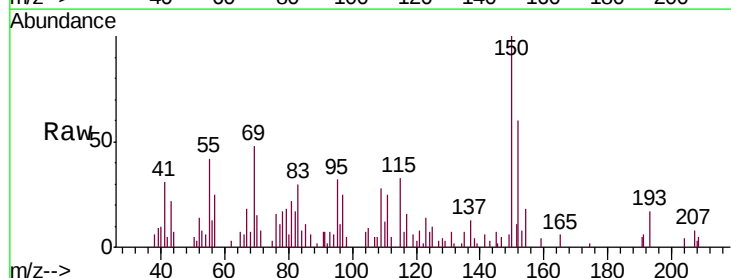
Tgt Ion:152 Resp: 3416

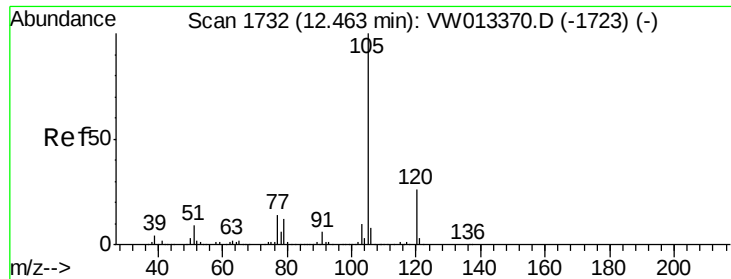
Ion Ratio Lower Upper

152 100

115 51.6 27.3 81.9

150 137.4 0.0 349.0





#73

Isopropylbenzene

Concen: 3.078 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

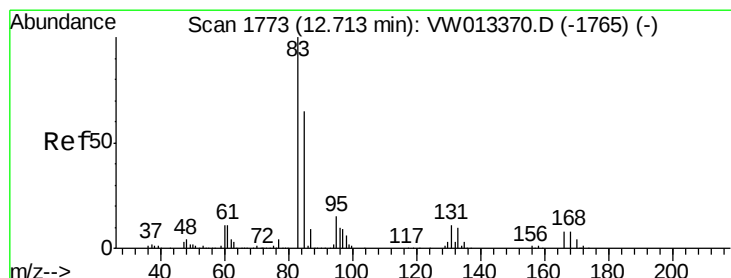
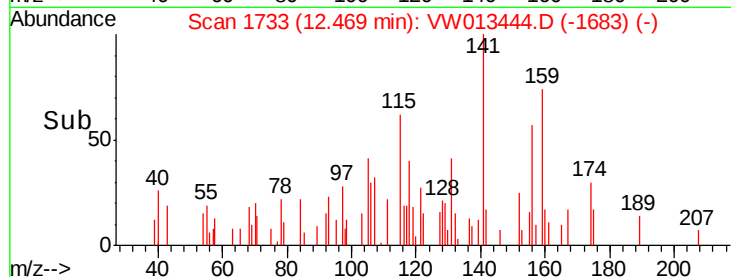
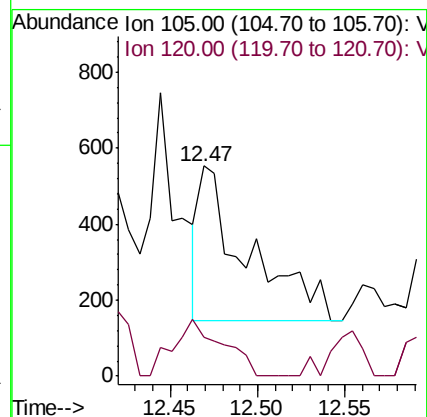
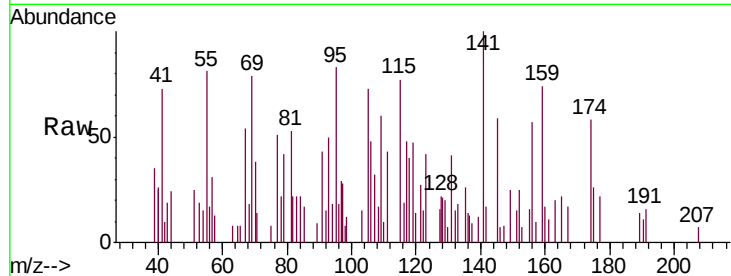
S-4(5-10)

Tgt Ion:105 Resp: 769

Ion Ratio Lower Upper

105 100

120 38.2 13.4 40.1



#75

1,1,2,2-Tetrachloroethane

Concen: 68.735 ug/l

RT: 12.68 min Scan# 1767

Delta R.T. -0.04 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

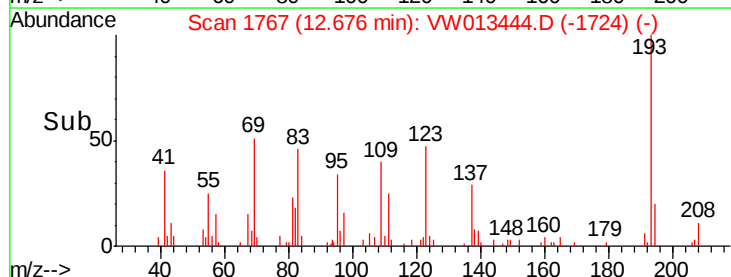
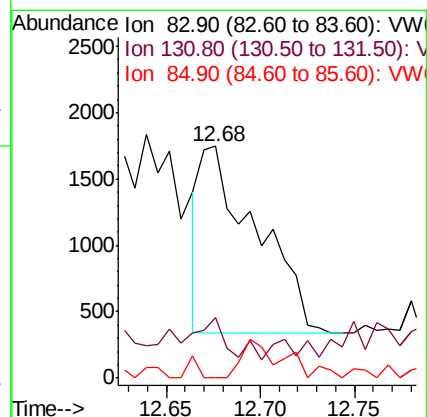
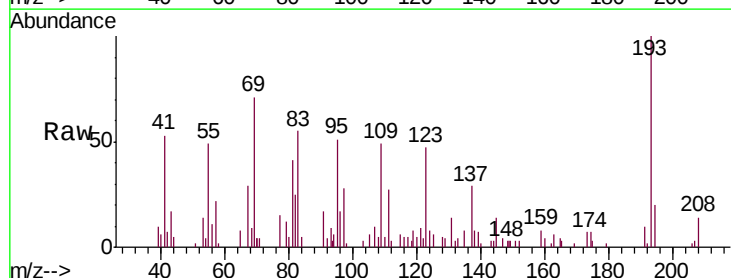
Tgt Ion: 83 Resp: 2907

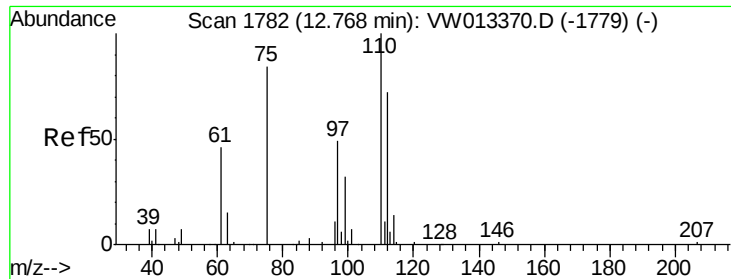
Ion Ratio Lower Upper

83 100

131 17.3 5.4 16.2#

85 2.1 31.9 95.9#

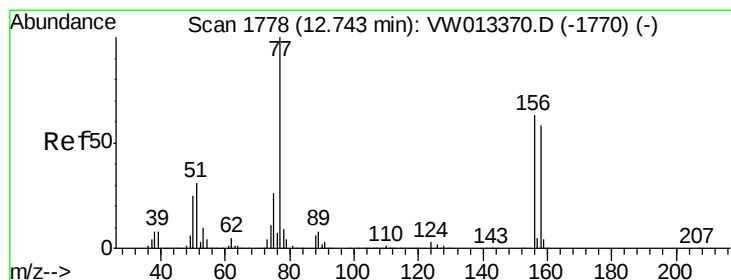
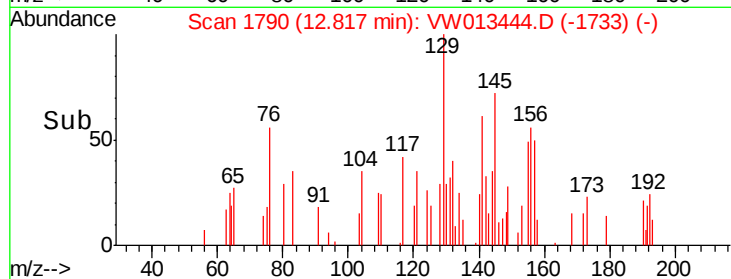
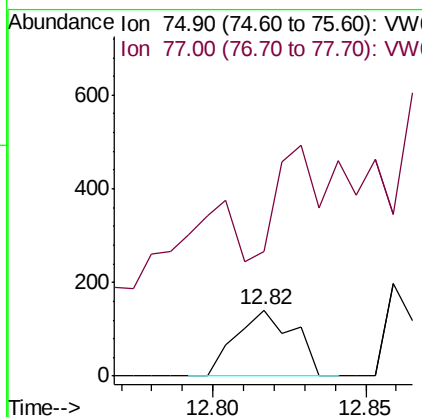
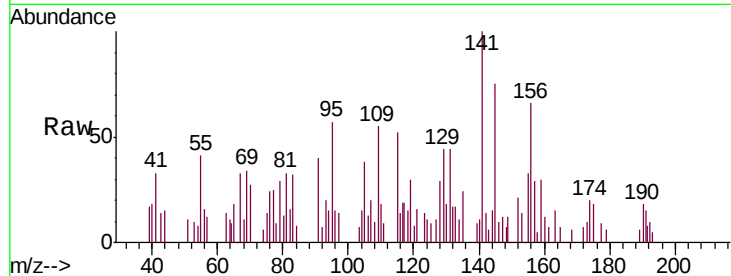




#76
 1,2,3-Trichloropropane
 Concen: 6.061 ug/l
 RT: 12.82 min Scan# 1790
 Delta R.T. 0.05 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

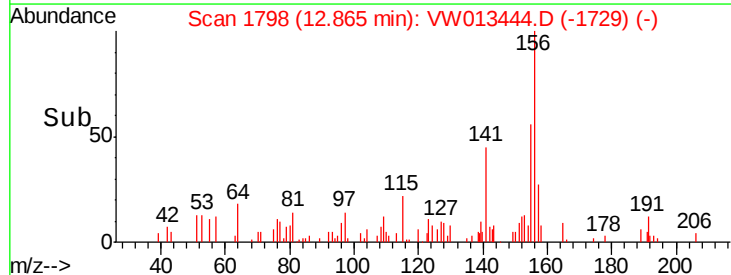
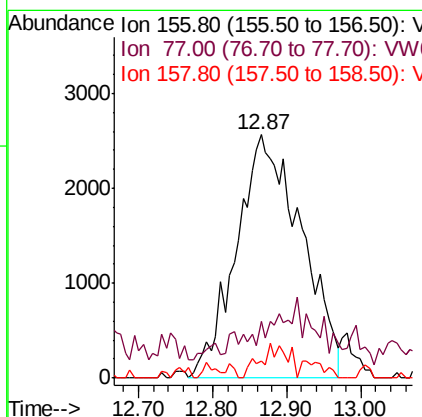
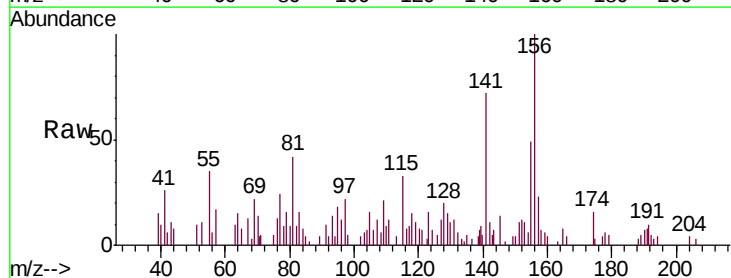
Instrument :
 MSVOA_W
 ClientSampled :
 S-4(5-10)

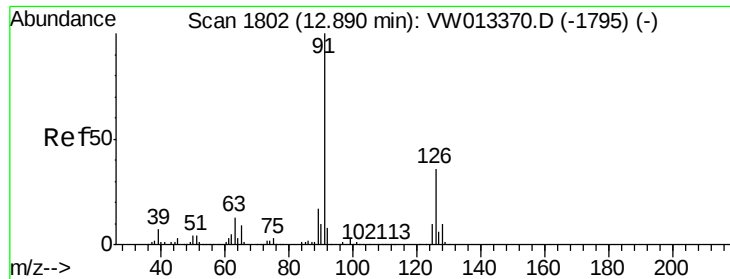
Tgt Ion: 75 Resp: 184
 Ion Ratio Lower Upper
 75 100
 77 118.5 0.0 0.0#



#77
 Bromobenzene
 Concen: 260.421 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. 0.12 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 156 Resp: 15625
 Ion Ratio Lower Upper
 156 100
 77 0.0 85.7 257.1#
 158 4.7 48.1 144.4#

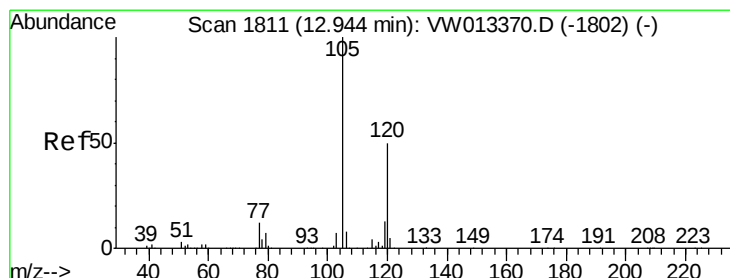
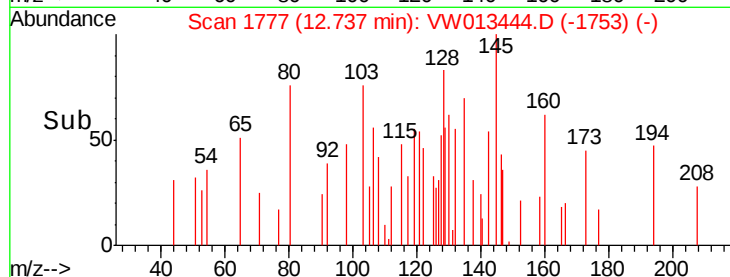
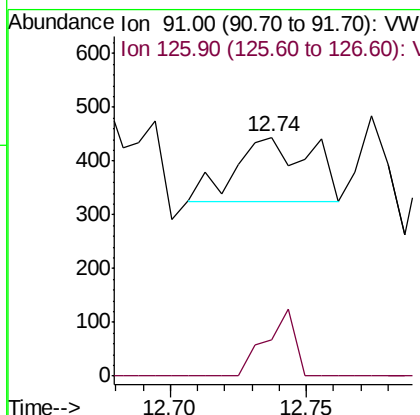
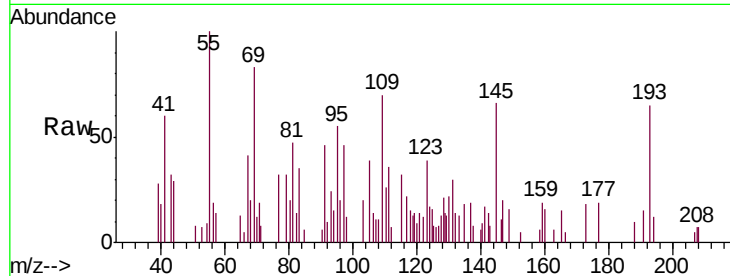




#79
 2-Chlorotoluene
 Concen: 1.453 ug/l
 RT: 12.74 min Scan# 1777
 Delta R.T. -0.15 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

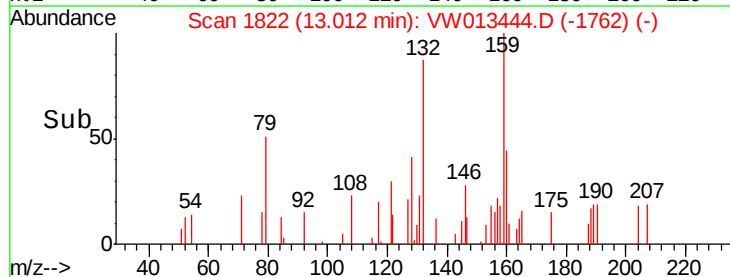
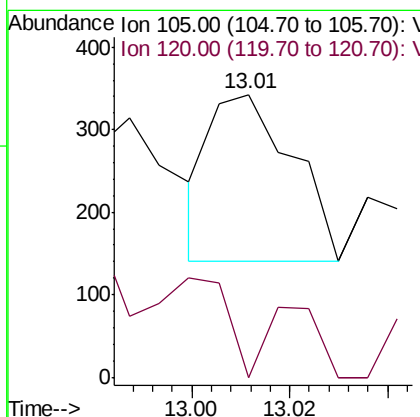
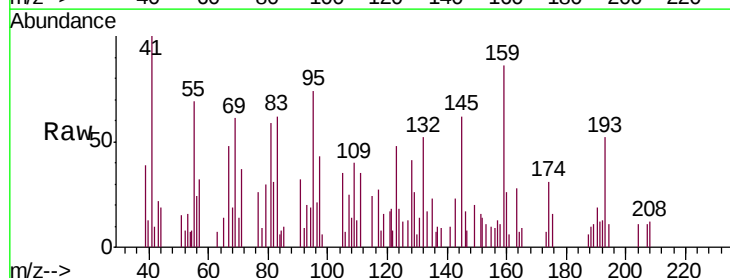
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)

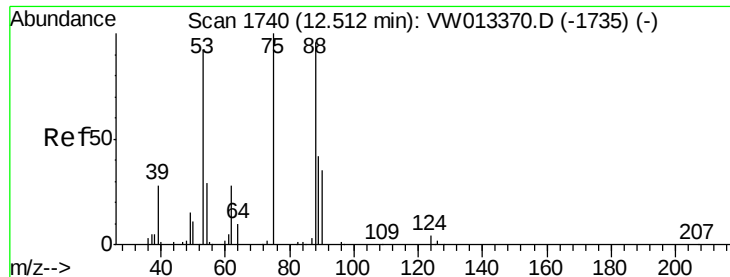
Tgt Ion: 91 Resp: 232
 Ion Ratio Lower Upper
 91 100
 126 39.2 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 1.142 ug/l
 RT: 13.01 min Scan# 1822
 Delta R.T. 0.07 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion: 105 Resp: 237
 Ion Ratio Lower Upper
 105 100
 120 25.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.782 ug/l

RT: 12.54 min Scan# 1745

Delta R.T. 0.03 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

S-4(5-10)

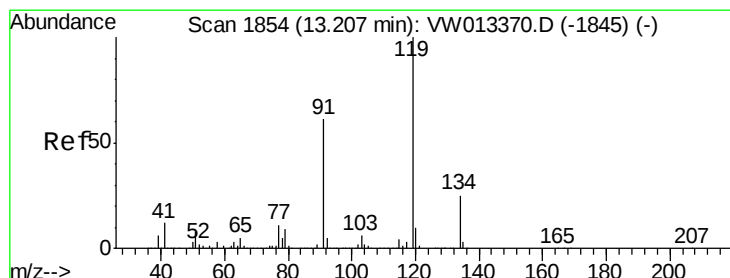
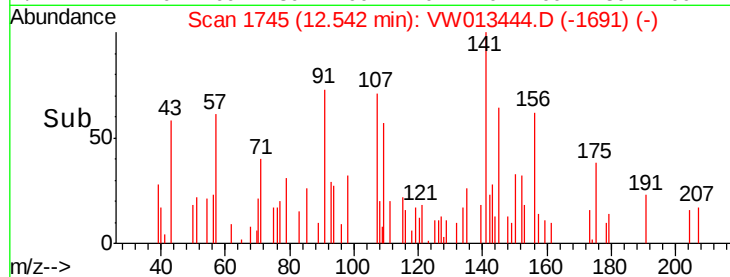
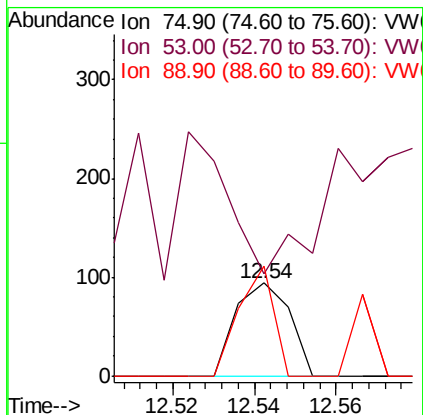
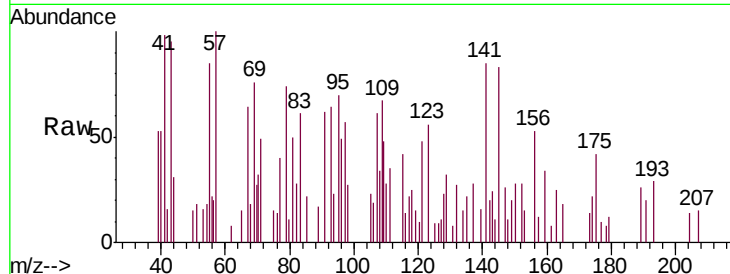
Tgt Ion: 75 Resp: 87

Ion Ratio Lower Upper

75 100

53 140.2 76.6 114.8#

89 74.7 33.5 50.3#



#83

tert-Butylbenzene

Concen: 2.311 ug/l

RT: 13.29 min Scan# 1868

Delta R.T. 0.09 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

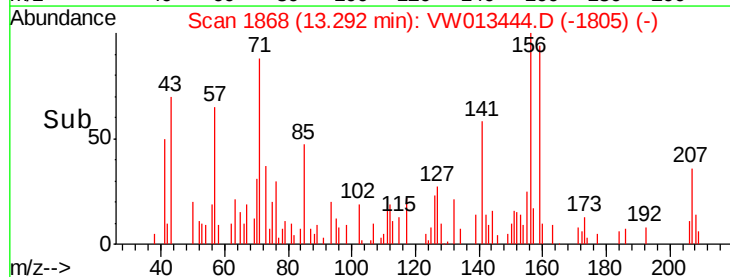
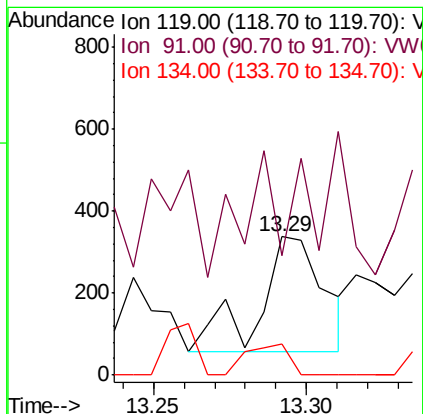
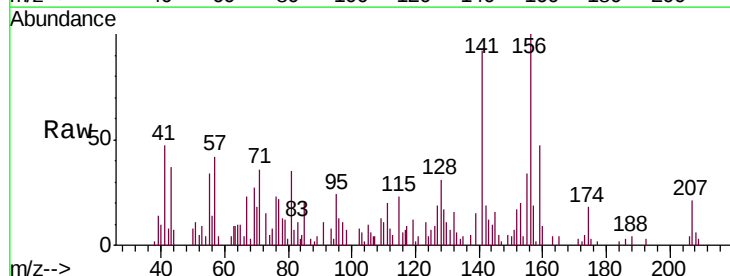
Tgt Ion: 119 Resp: 419

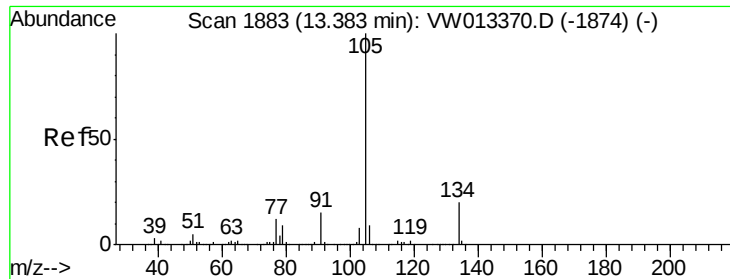
Ion Ratio Lower Upper

119 100

91 56.8 30.7 92.1

134 17.2 12.6 37.6

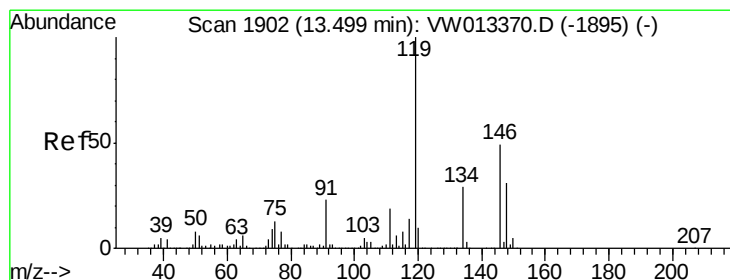
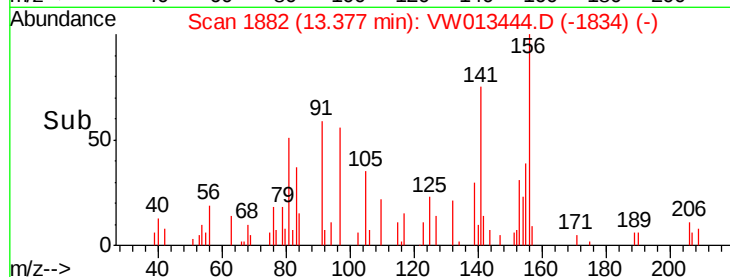
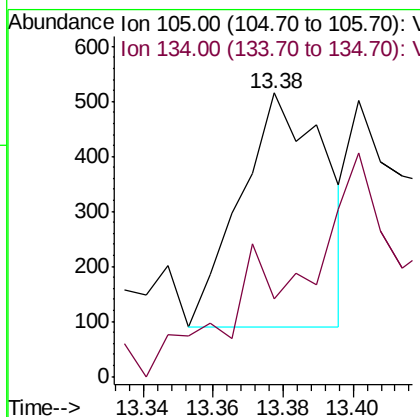
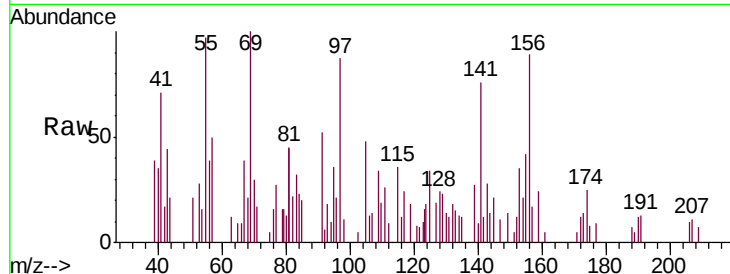




#85
 sec-Butylbenzene
 Concen: 2.896 ug/l
 RT: 13.38 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

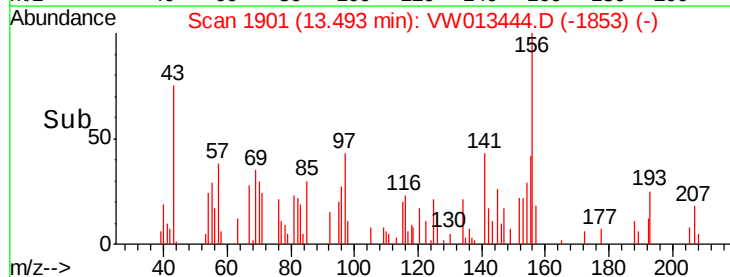
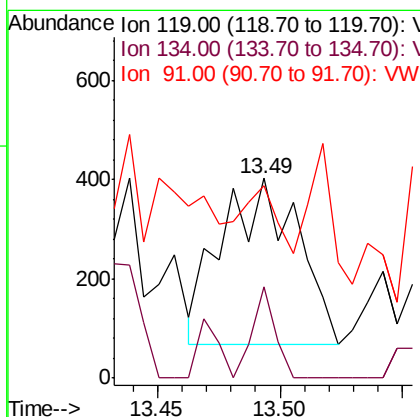
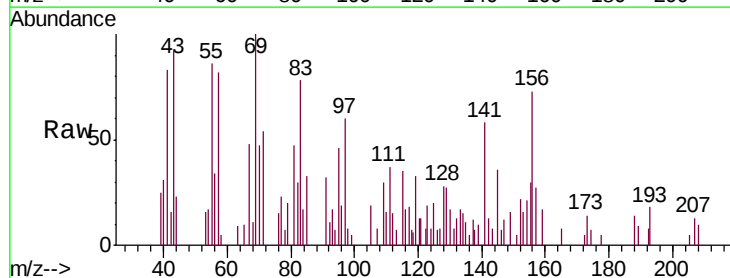
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)

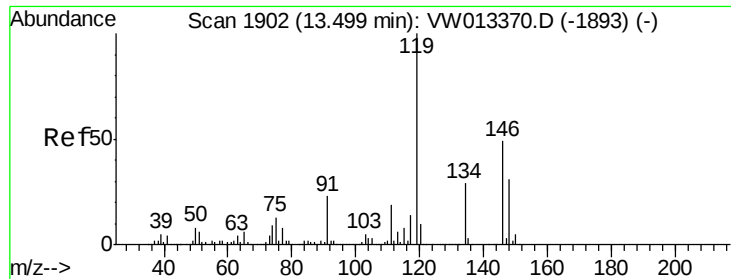
Tgt Ion:105 Resp: 724
 Ion Ratio Lower Upper
 105 100
 134 38.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 3.147 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion:119 Resp: 729
 Ion Ratio Lower Upper
 119 100
 134 16.3 13.3 39.8
 91 15.1 10.8 32.4

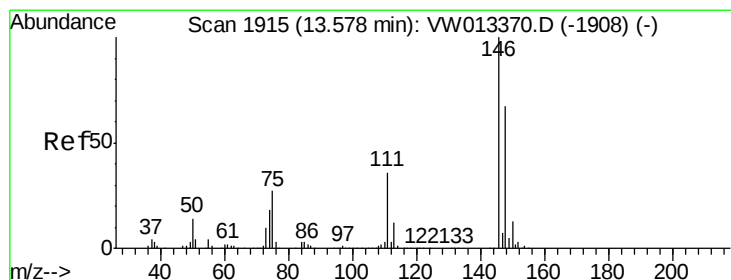
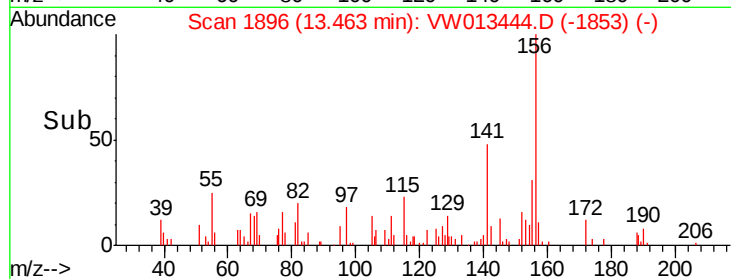
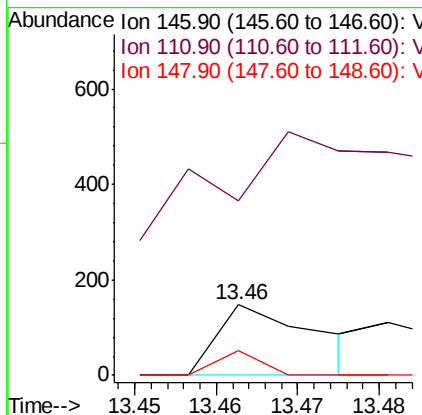
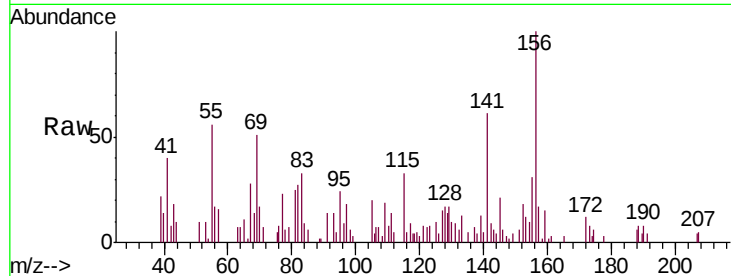




#87
 1,3-Dichlorobenzene
 Concen: 1.099 ug/l
 RT: 13.46 min Scan# 1896
 Delta R.T. -0.04 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

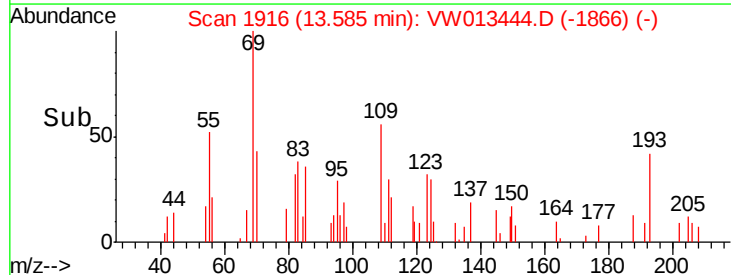
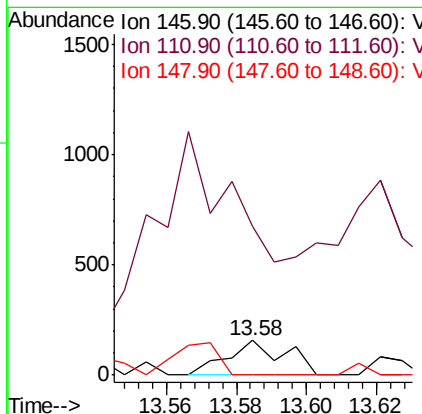
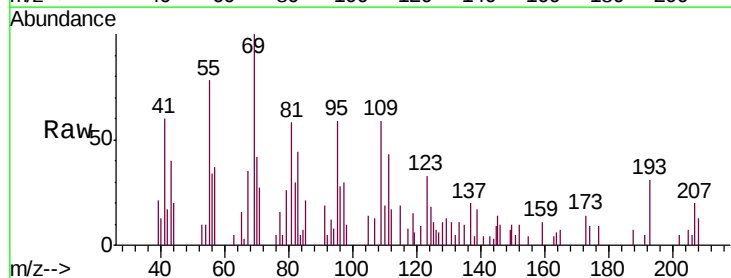
Instrument :
 MSVOA_W
 ClientSampleId :
 S-4(5-10)

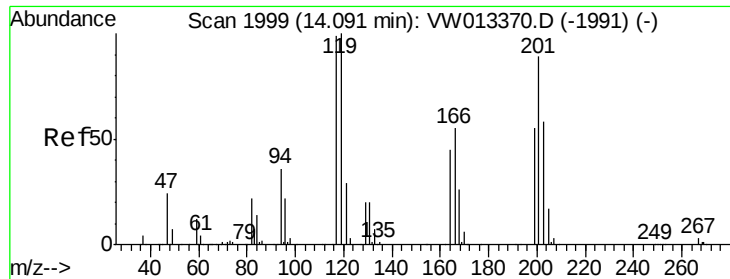
Tgt Ion:146 Resp: 124
 Ion Ratio Lower Upper
 146 100
 111 752.4 18.9 56.9#
 148 15.3 31.9 95.5#



#88
 1,4-Dichlorobenzene
 Concen: 1.584 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW013444.D
 Acq: 04 Oct 2019 17:29

Tgt Ion:146 Resp: 179
 Ion Ratio Lower Upper
 146 100
 111 864.8 18.4 55.0#
 148 72.1 32.1 96.3

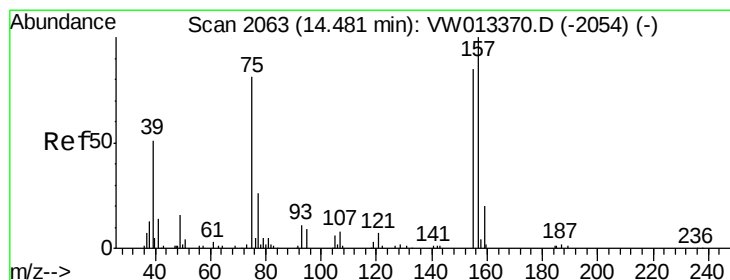
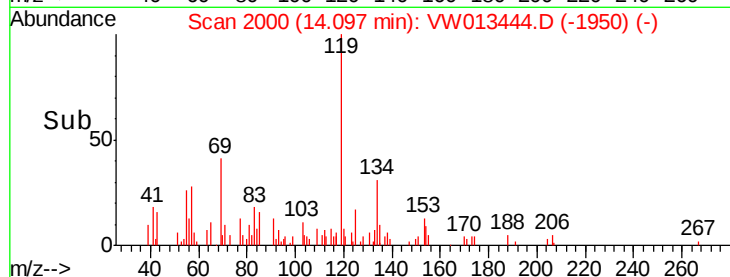
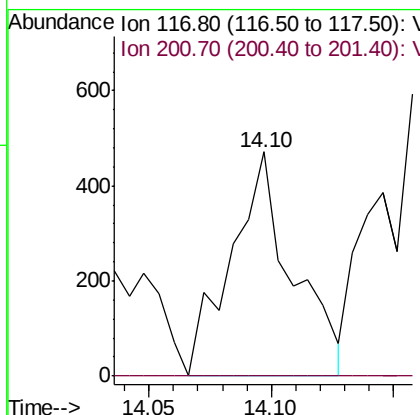
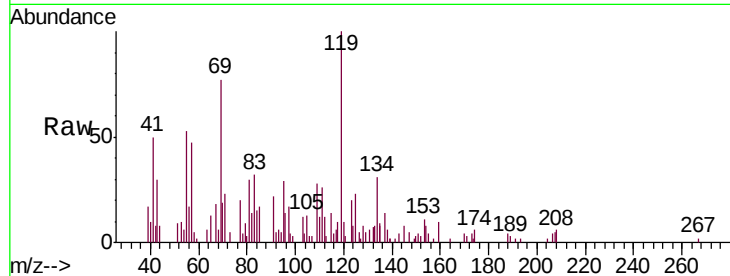




#90
Hexachloroethane
Concen: 21.451 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

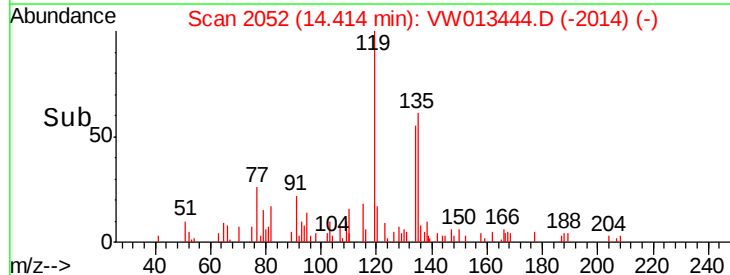
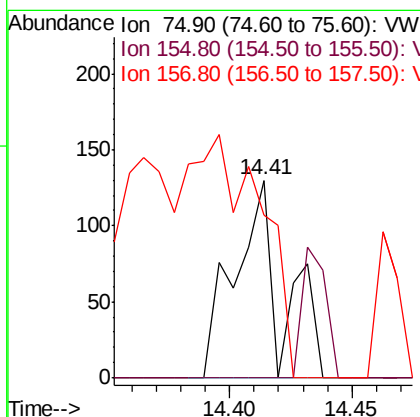
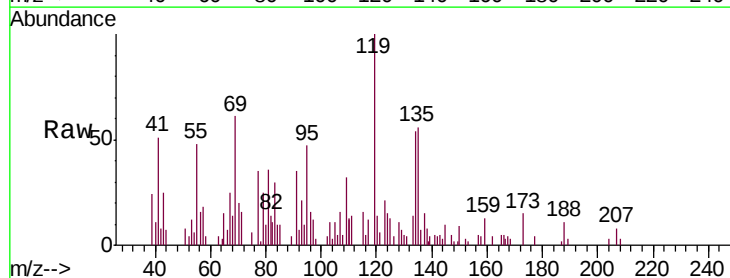
Instrument :
MSVOA_W
ClientSampleId :
S-4(5-10)

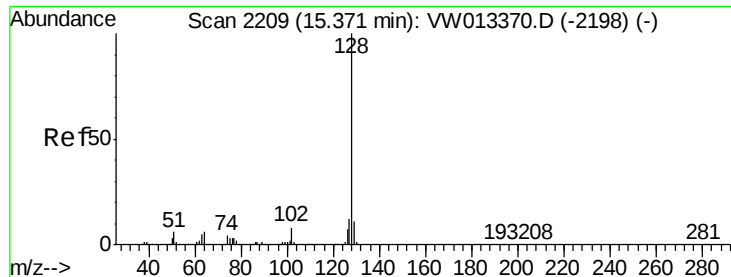
Tgt Ion: 117 Resp: 821
Ion Ratio Lower Upper
117 100
201 0.0 44.5 133.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.296 ug/l
RT: 14.41 min Scan# 2052
Delta R.T. -0.07 min
Lab File: VW013444.D
Acq: 04 Oct 2019 17:29

Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
155 31.8 46.1 138.3#
157 0.0 60.4 181.2#





#95

Naphthalene

Concen: 3.651 ug/l

RT: 15.35 min Scan# 2206

Delta R.T. -0.02 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

S-4(5-10)

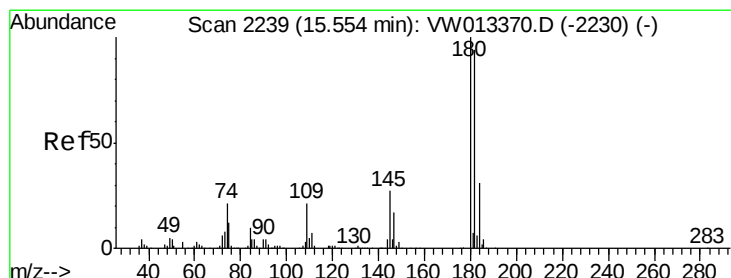
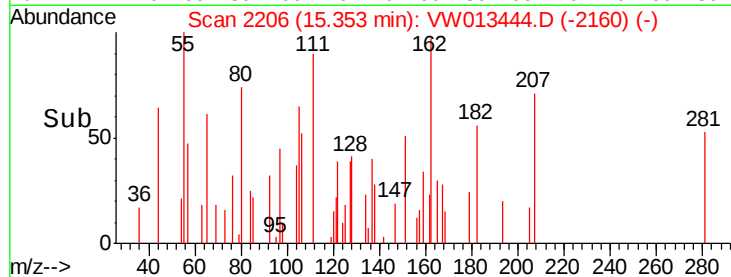
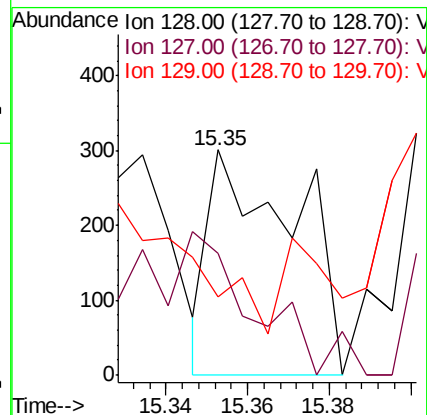
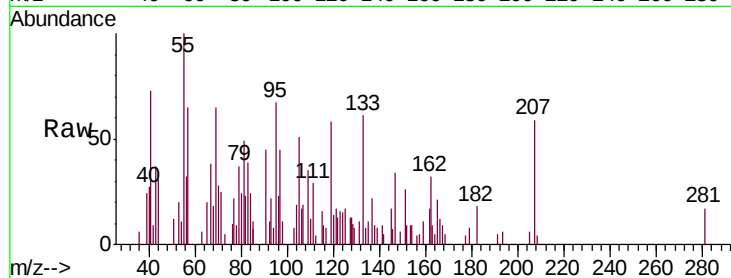
Tgt Ion:128 Resp: 441

Ion Ratio Lower Upper

128 100

127 84.1 10.6 15.8#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 6.350 ug/l

RT: 15.58 min Scan# 2244

Delta R.T. 0.03 min

Lab File: VW013444.D

Acq: 04 Oct 2019 17:29

Tgt Ion:180 Resp: 397

Ion Ratio Lower Upper

180 100

182 71.5 47.9 143.7

145 41.3 15.0 45.0

