

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014732.D
 Acq On : 23 Jan 2020 18:47
 Operator : SY/VA
 Sample : L1243-09
 Misc : 6.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:13:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	472557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	803387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	529911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	138106	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	287204	69.51	ug/l	0.00
Spiked Amount			Recovery	=	139.02%	
35) Dibromofluoromethane	7.88	113	9015	1.96	ug/l	0.00
Spiked Amount			Recovery	=	3.92%	
50) Toluene-d8	10.32	98	781923	40.81	ug/l	0.00
Spiked Amount			Recovery	=	81.62%	
62) 4-Bromofluorobenzene	12.62	95	174965	26.92	ug/l	0.00
Spiked Amount			Recovery	=	53.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	81	Below Cal	#	73
16) Acetone	4.12	43	25937	22.232	ug/l #	85
17) Carbon Disulfide	4.38	76	62451	4.406	ug/l	99
20) Methylene Chloride	4.92	84	29360	1.873	ug/l	95
25) 2-Butanone	7.17	43	3340	2.231	ug/l	92
31) Cyclohexane	7.95	56	76946	8.726	ug/l #	92
36) 1,1-Dichloropropene	7.95	75	35031	4.523	ug/l #	55
38) Carbon Tetrachloride	7.94	117	44155	6.571	ug/l #	16
39) Methylcyclohexane	9.33	83	118634	11.936	ug/l	95
40) Benzene	8.32	78	204164	9.317	ug/l	99
48) Methyl methacrylate	9.51	41	4279	1.374	ug/l #	63
51) 4-Methyl-2-Pentanone	10.21	43	5266	1.590	ug/l	96
52) Toluene	10.38	92	77186	5.599	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	9557	2.465	ug/l #	22
58) 2-Chloroethyl Vinyl ether	9.93	63	2991	1.952	ug/l #	89
67) Ethyl Benzene	11.73	91	110015	5.623	ug/l	97
68) m/p-Xylenes	11.83	106	134998	18.029	ug/l	93
69) o-Xylene	12.16	106	86551	12.513	ug/l	96
73) Isopropylbenzene	12.46	105	42261	4.170	ug/l	100
74) N-amyl acetate	12.24	43	4247	1.869	ug/l #	53
76) 1,2,3-Trichloropropane	12.62	75	87026	66.647	ug/l #	100
78) n-propylbenzene	12.80	91	35876	3.011	ug/l	96
79) 2-Chlorotoluene	12.87	91	18254	2.692	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	83815	9.851	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	87026	148.493	ug/l #	14
82) 4-Chlorotoluene	12.94	91	8726	1.239	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.25	105	178615	21.095	ug/l	99
85) sec-Butylbenzene	13.38	105	10358	1.005	ug/l #	68
86) p-Isopropyltoluene	13.50	119	19736	2.100	ug/l	96
90) Hexachloroethane	14.10	117	3749	2.283	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.46	75	522	1.802	ug/l #	1
95) Naphthalene	15.36	128	1798523	388.216	ug/l	100

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QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

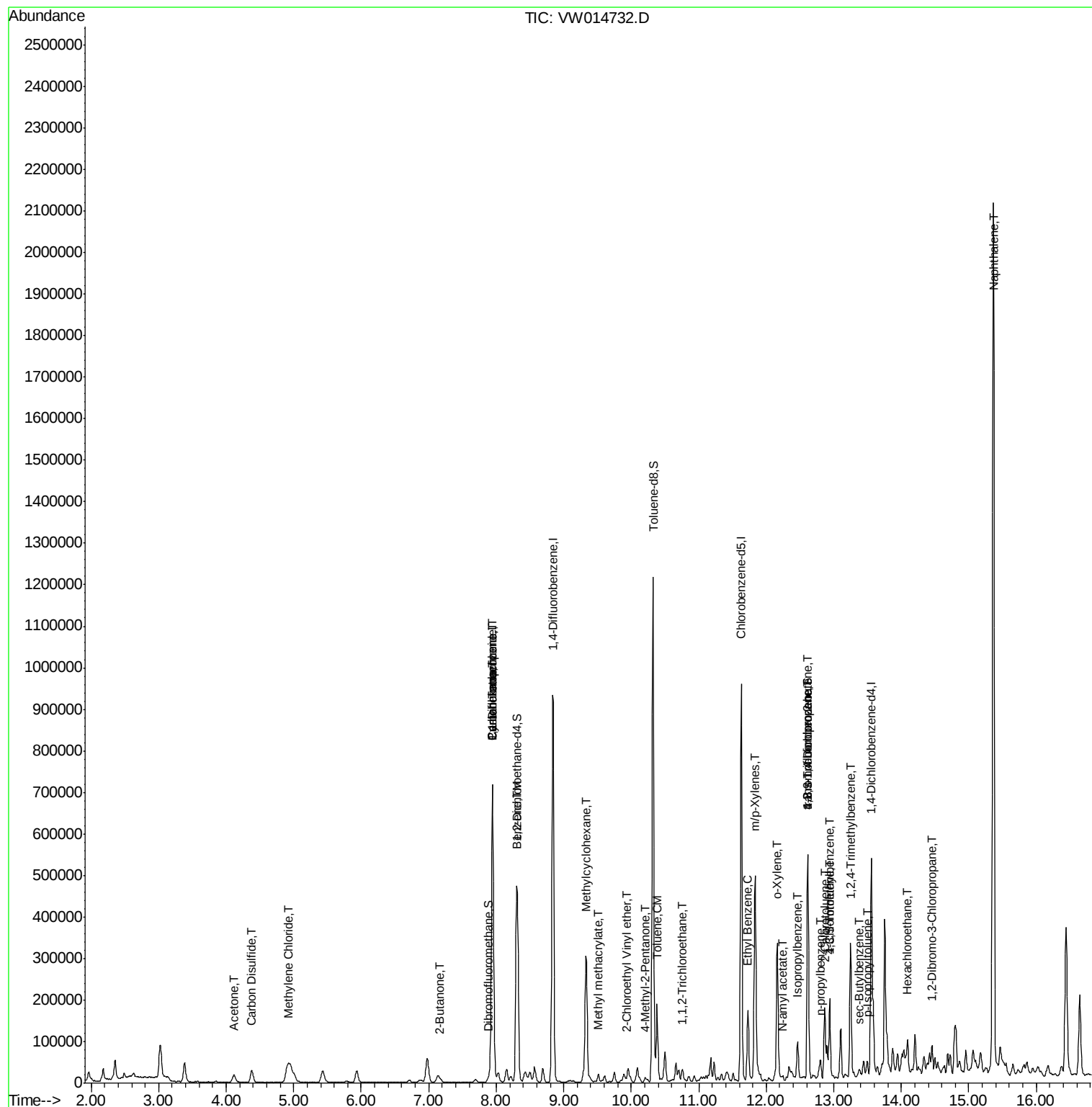
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

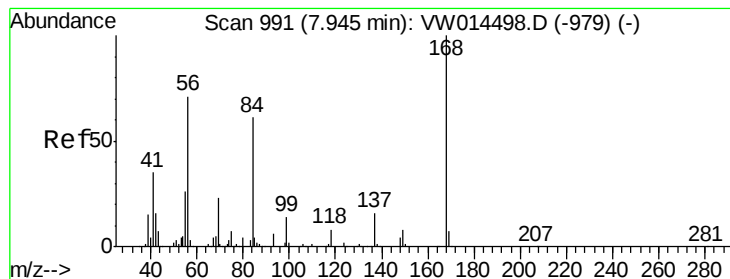
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

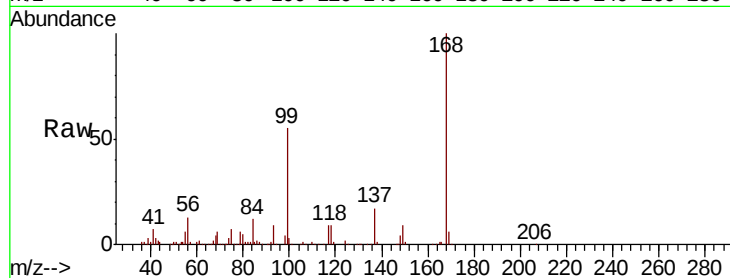
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 472557

Ion Ratio Lower Upper

168 100

99 55.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

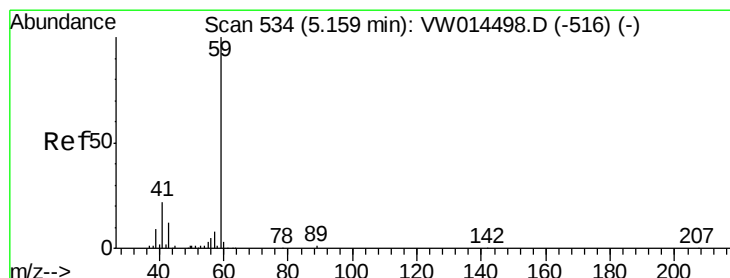
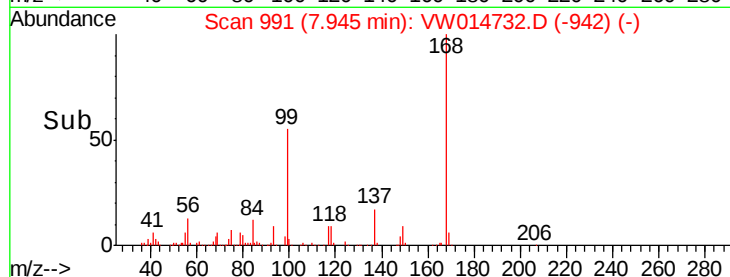
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014732.D

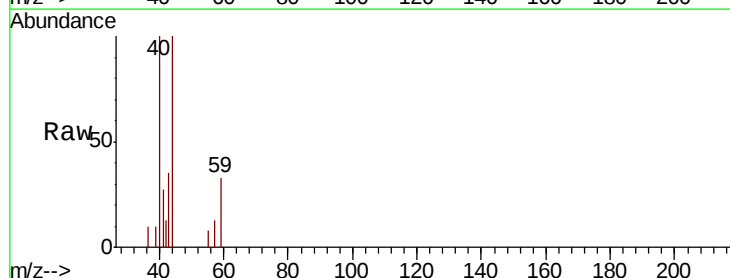
Acq: 23 Jan 2020 18:47

Tgt Ion: 59 Resp: 81

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

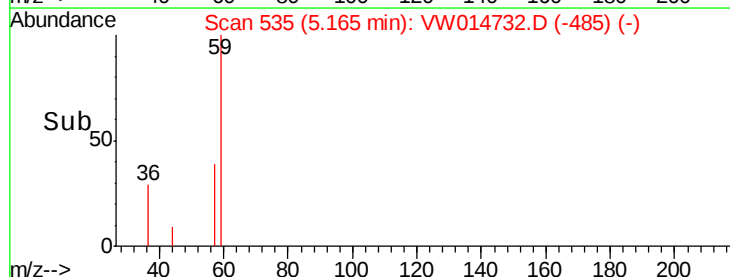
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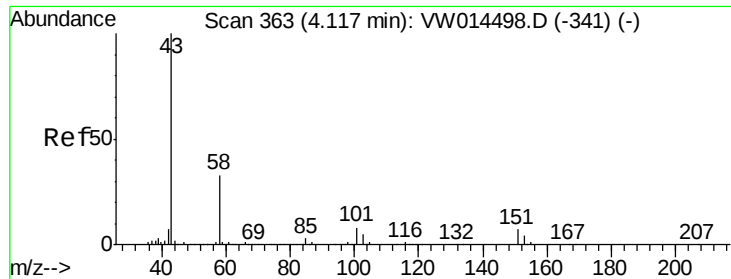
200

100

0

Time-->

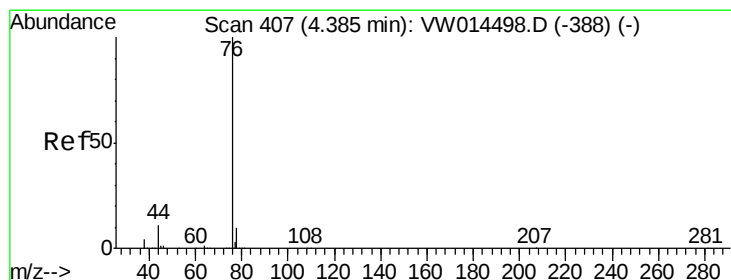
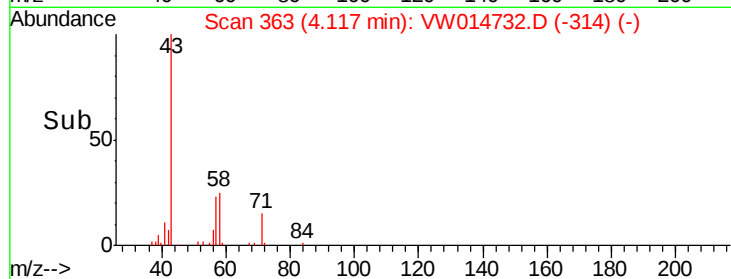
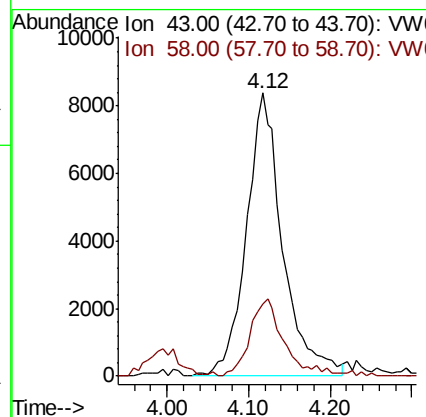
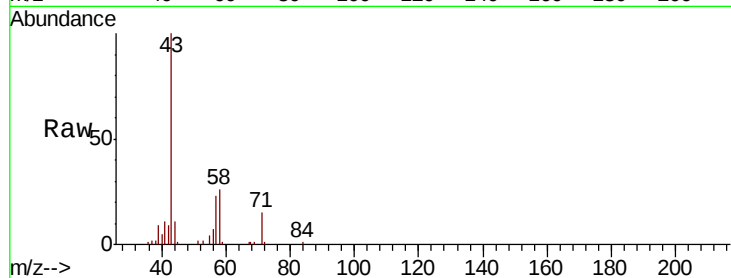




#16
Acetone
Concen: 22.232 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

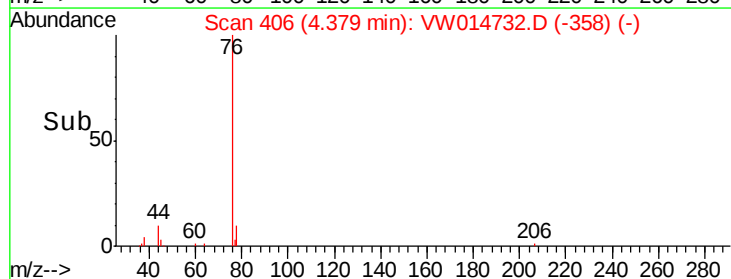
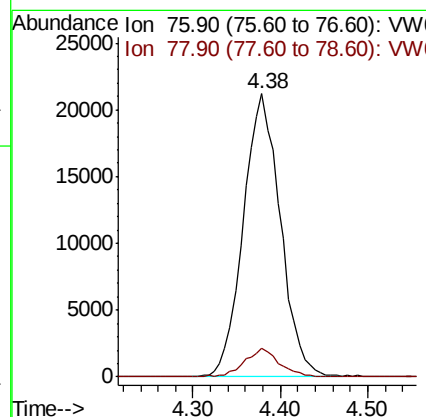
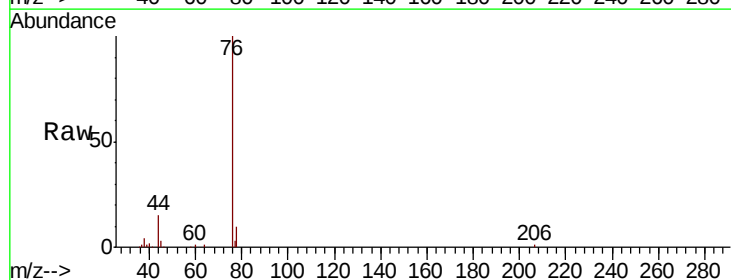
Instrument :
MSVOA_W
ClientSampled :

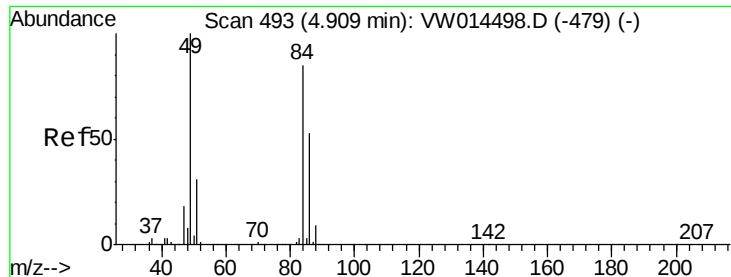
Tot Ion: 43 Resp: 25937
Ion Ratio Lower Upper
43 100
58 24.6 26.6 39.8#



#17
Carbon Disulfide
Concen: 4.406 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion: 76 Resp: 62451
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.6

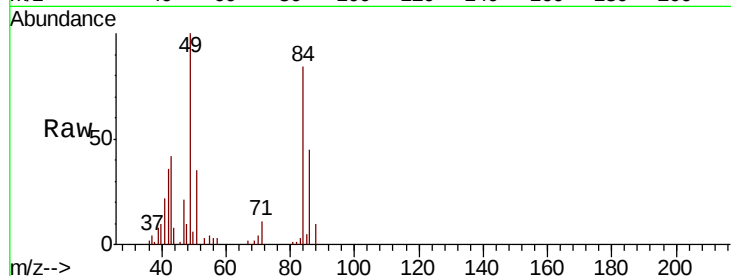




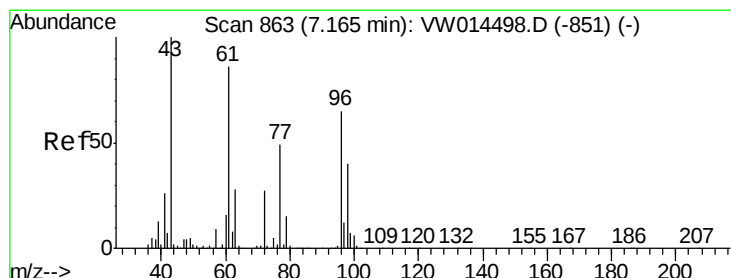
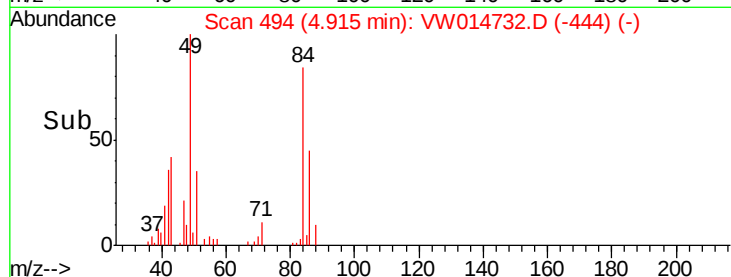
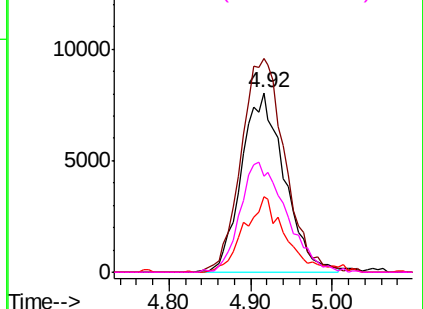
#20
Methvlene Chloride
Concen: 1.873 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	29360
Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.4	141.6
51	41.1	29.5	44.3
86	53.2	50.2	75.2

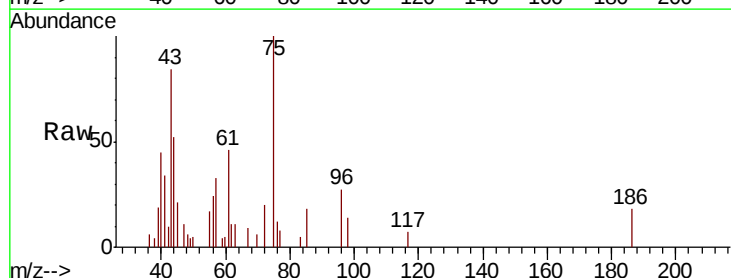


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

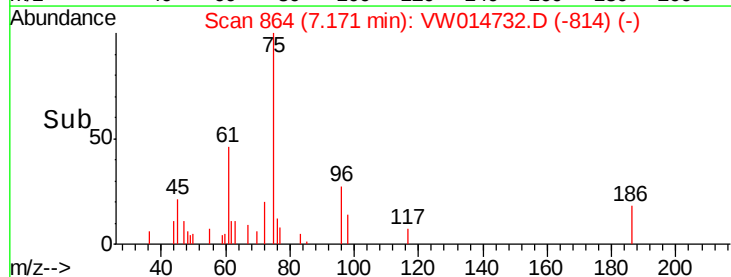
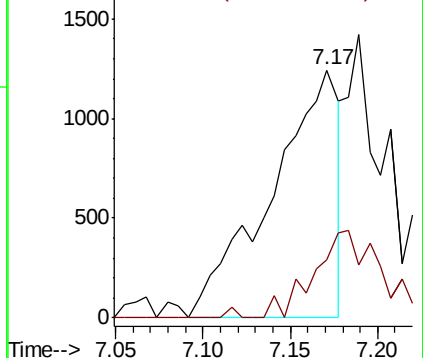


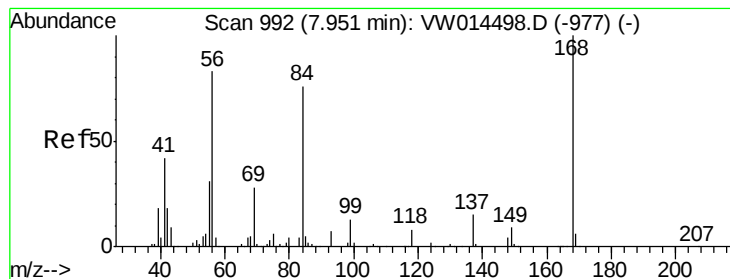
#25
2-Butanone
Concen: 2.231 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion:	43	Resp:	3340
Ion	Ratio	Lower	Upper
43	100		
72	23.2	21.9	32.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 8.726 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Instrument :

MSVOA_W

ClientSampled :

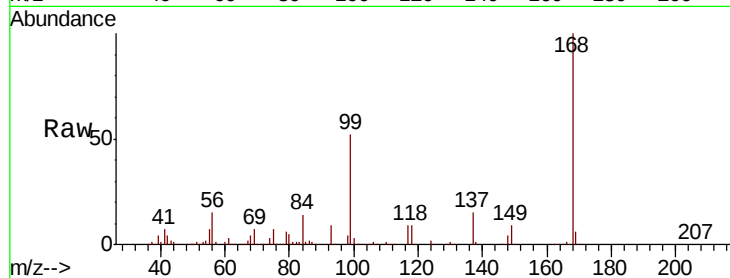
Tot Ion: 56 Resp: 76946

Ion Ratio Lower Upper

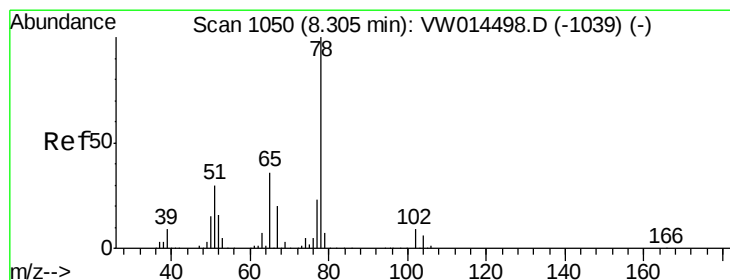
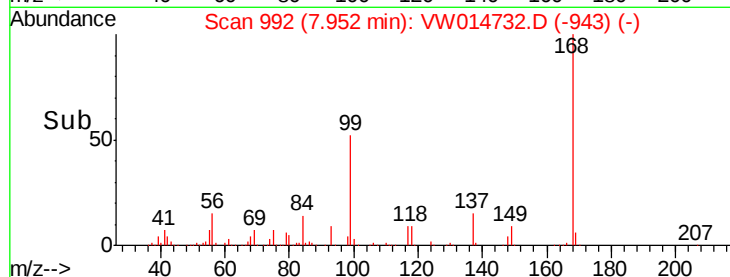
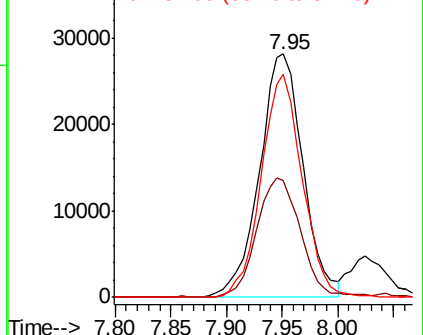
56 100

69 48.1 26.8 40.2#

84 91.5 71.8 107.6



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: 69.513 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014732.D

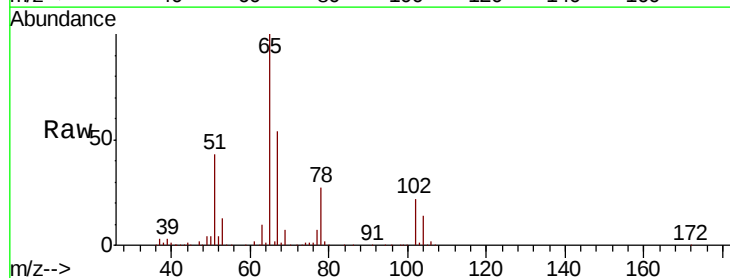
Acq: 23 Jan 2020 18:47

Tgt Ion: 65 Resp: 287204

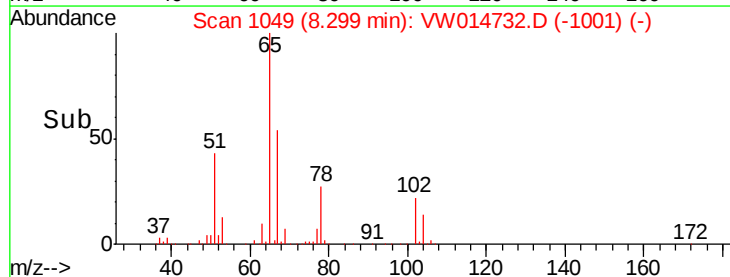
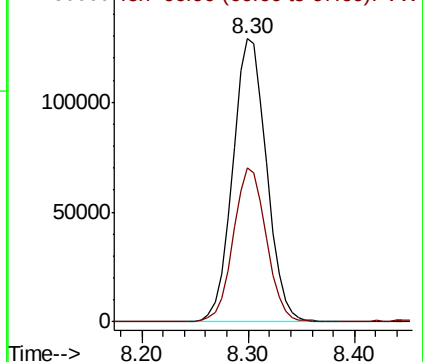
Ion Ratio Lower Upper

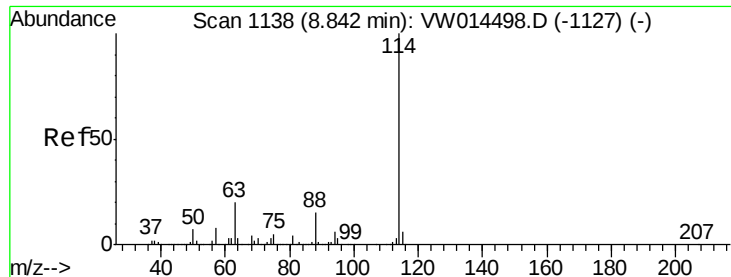
65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

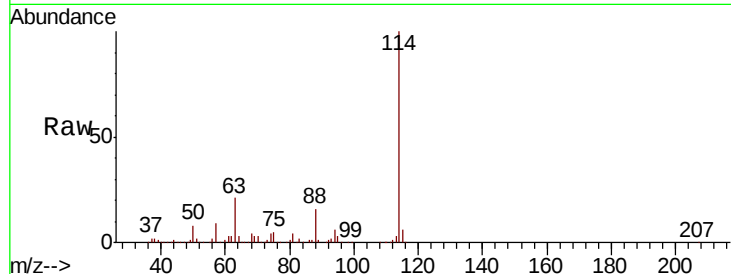




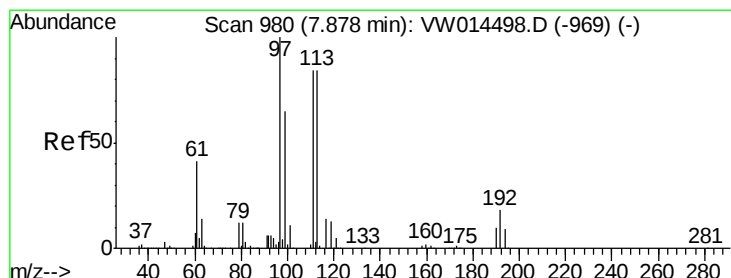
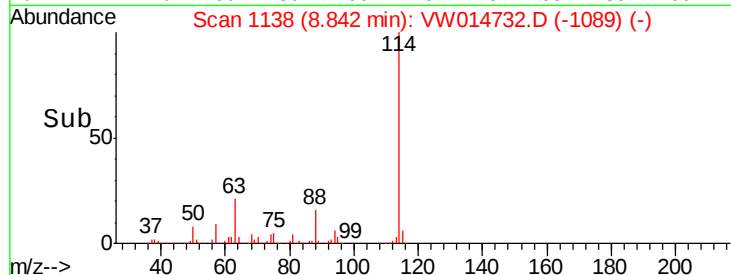
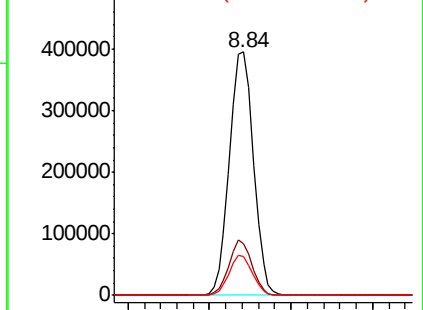
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.1	0.0	30.6

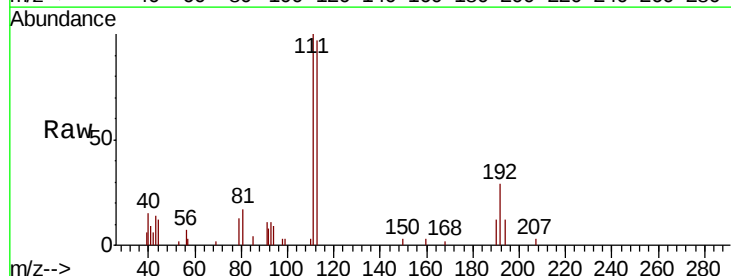


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

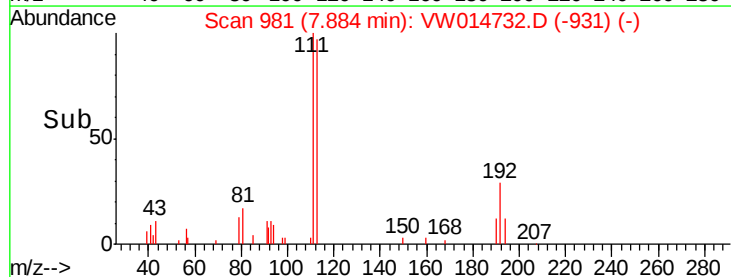
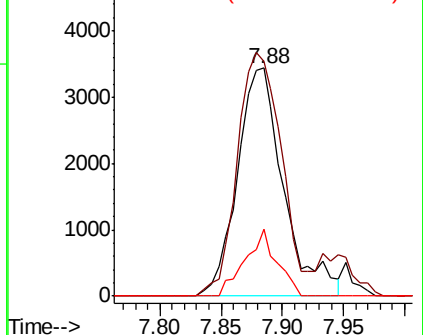


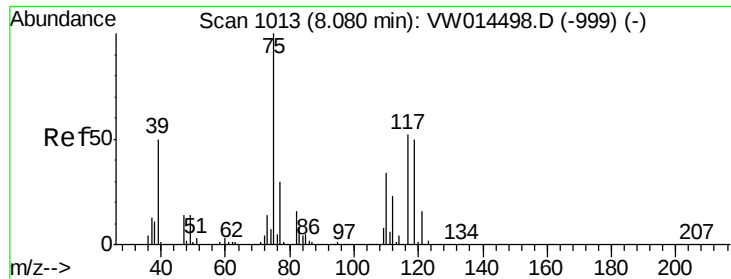
#35
 Dibromofluoromethane
 Concen: 1.963 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	20.2	17.8	26.8



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

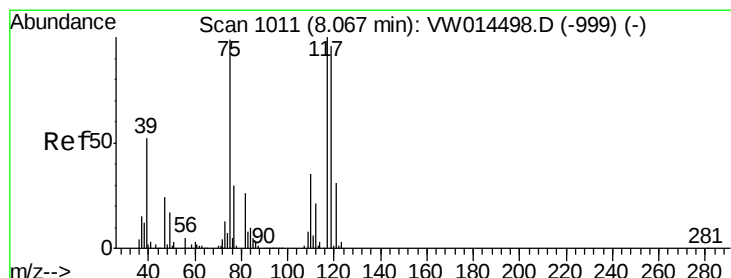
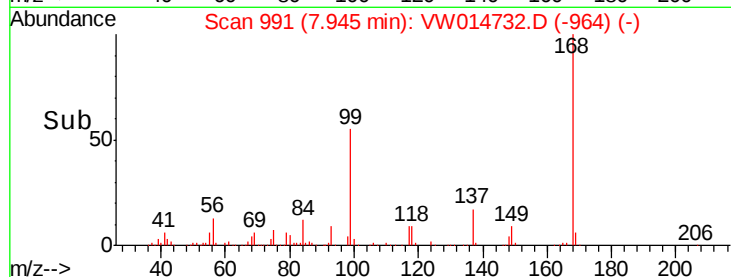
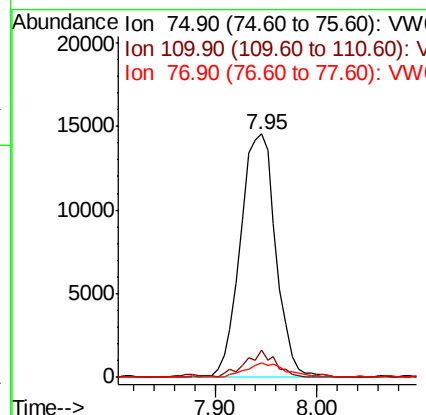
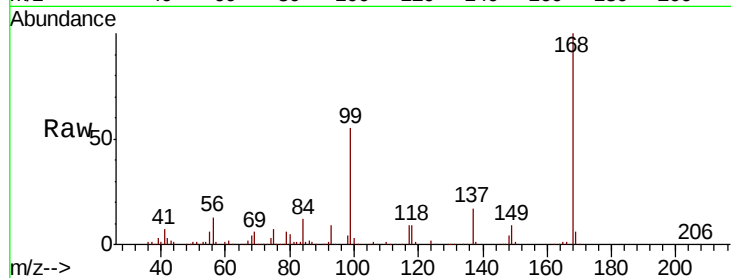




#36
 1,1-Dichloropropene
 Concen: 4.523 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

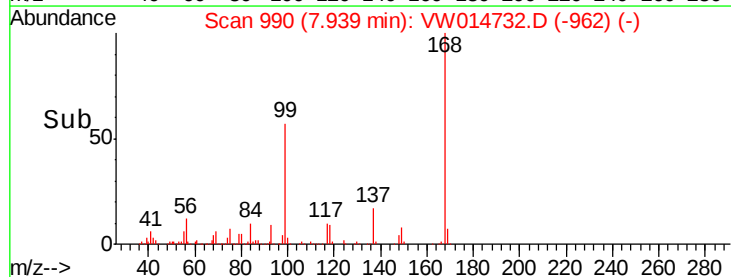
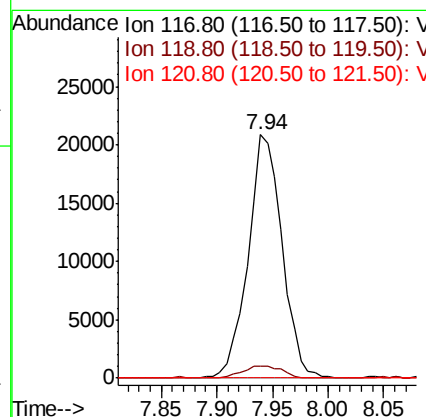
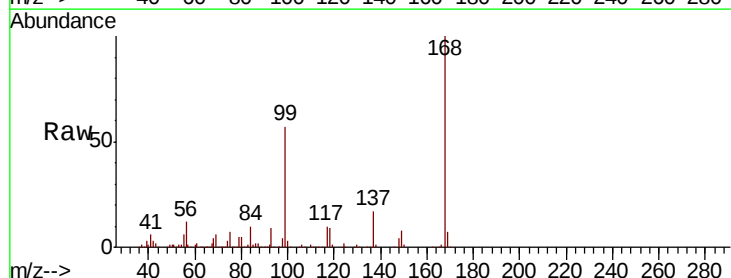
Instrument :
 MSVOA_W
 ClientSampleId :

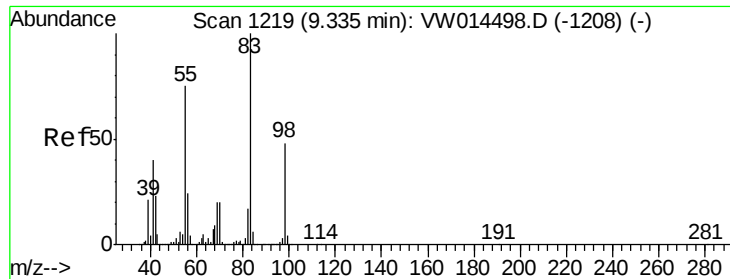
Tot Ion	75	Resp	35031
Ion Ratio	100	Lower	Upper
75	100		
110	9.4	17.8	53.5#
77	6.5	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.571 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion	117	Resp	44155
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.0	77.0	115.6#
121	0.0	24.6	36.8#

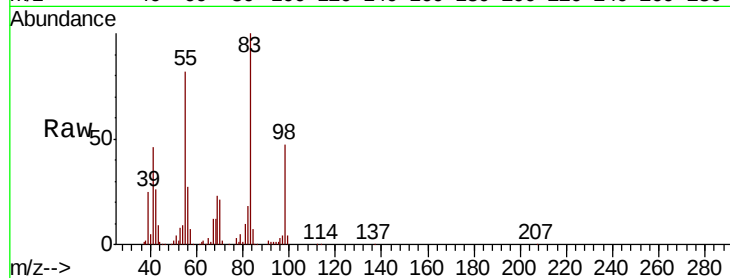




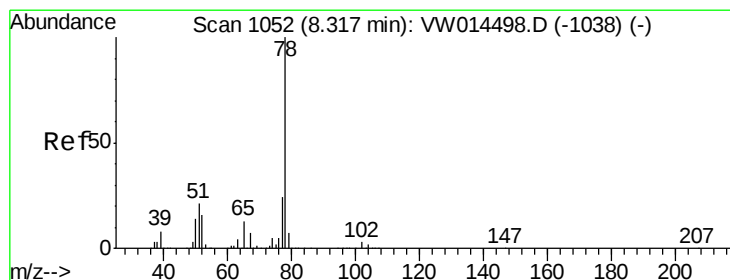
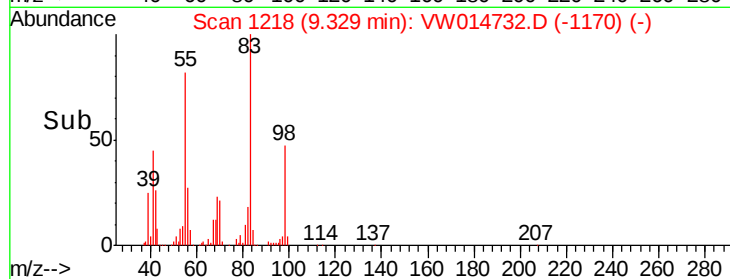
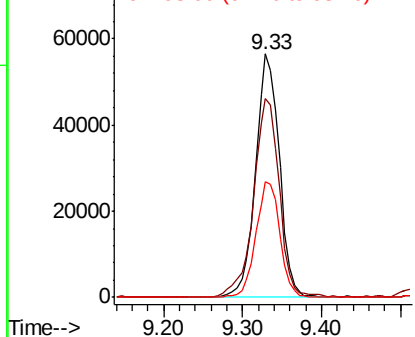
#39
Methvlcvclohexane
Concen: 11.936 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 118634
Ion Ratio Lower Upper
83 100
55 81.8 60.1 90.1
98 47.4 38.8 58.2

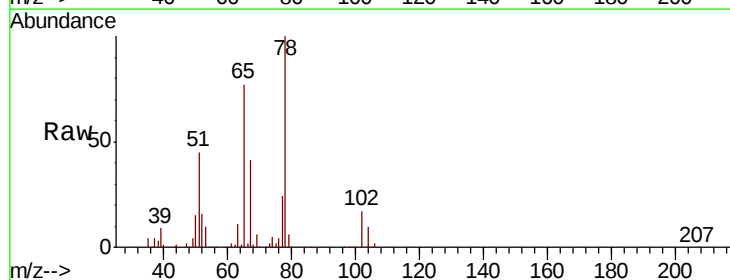


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

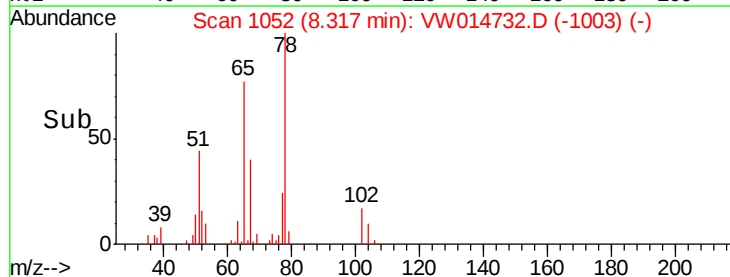
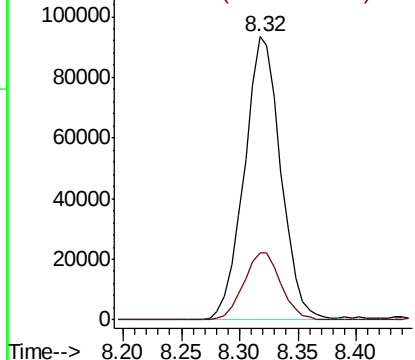


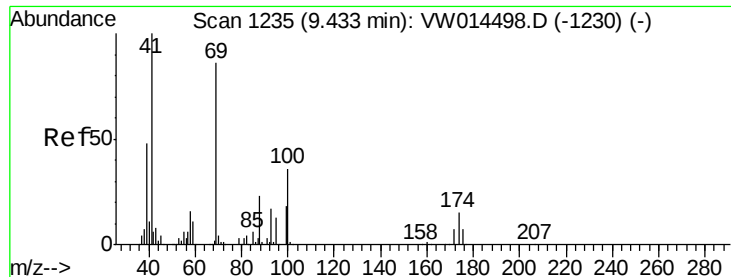
#40
Benzene
Concen: 9.317 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion: 78 Resp: 204164
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

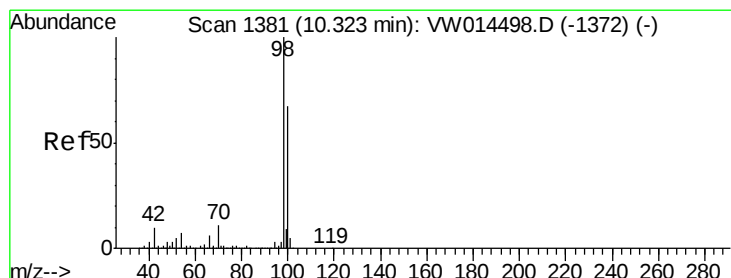
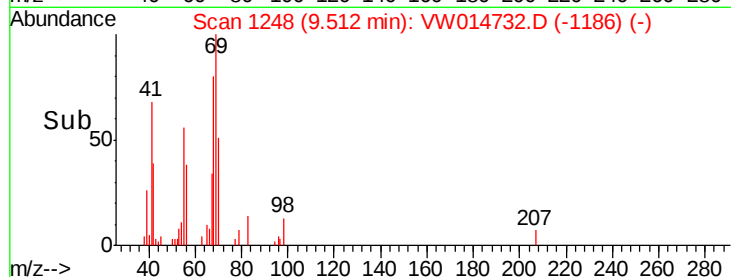
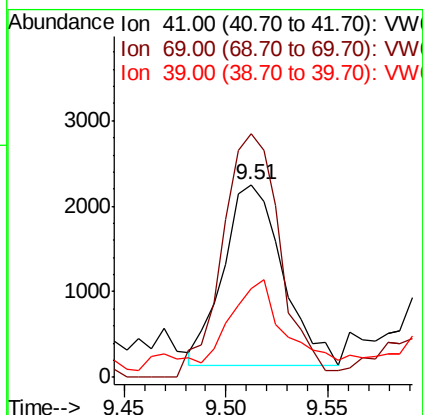
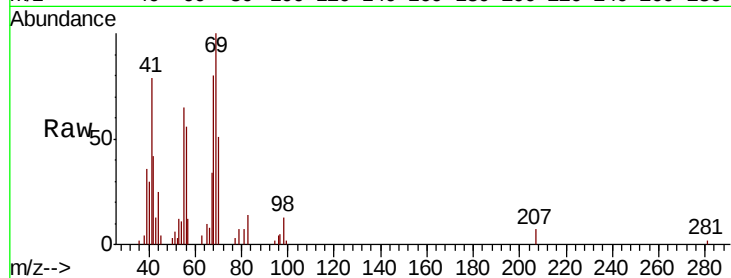




#48
Methvl methacrylate
Concen: 1.374 ug/l
RT: 9.51 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

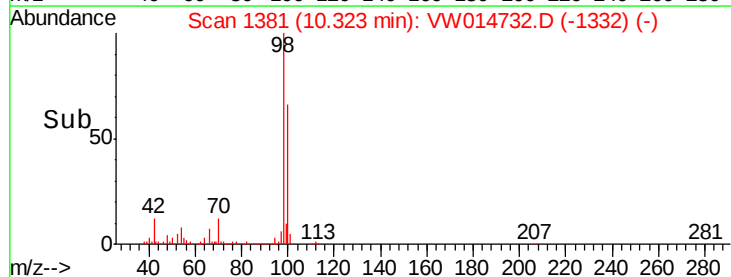
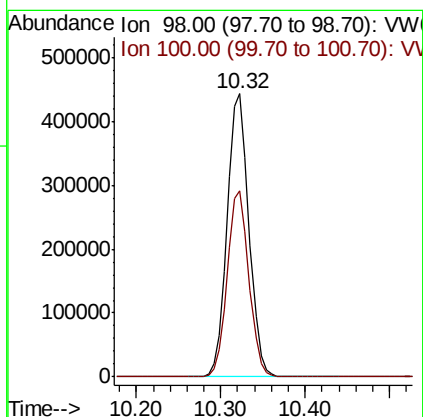
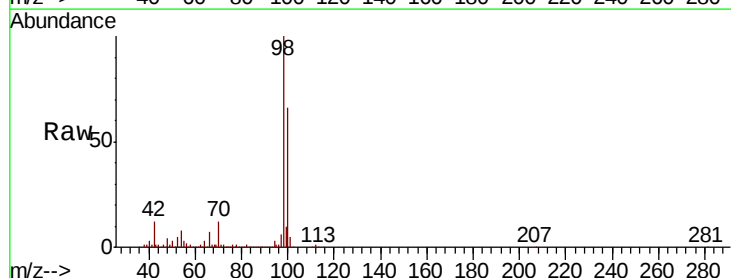
Instrument :
MSVOA_W
ClientSampleId :

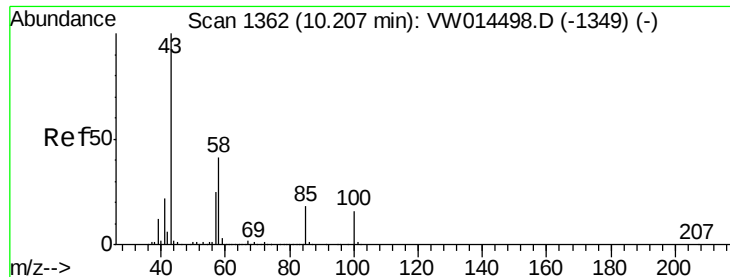
Tot Ion: 41 Resp: 4279
Ion Ratio Lower Upper
41 100
69 131.3 68.3 102.5#
39 38.4 36.8 55.2



#50
Toluene-d8
Concen: 40.807 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion: 98 Resp: 781923
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.6

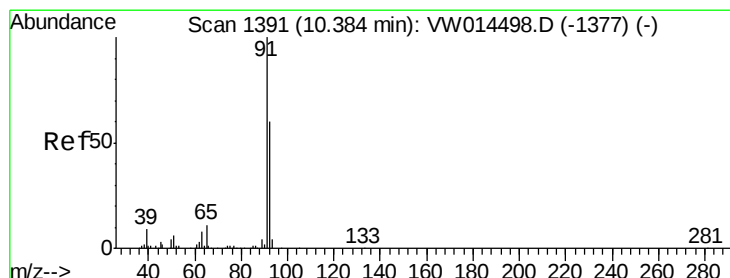
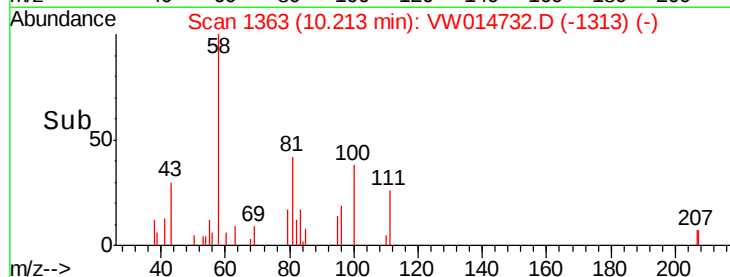
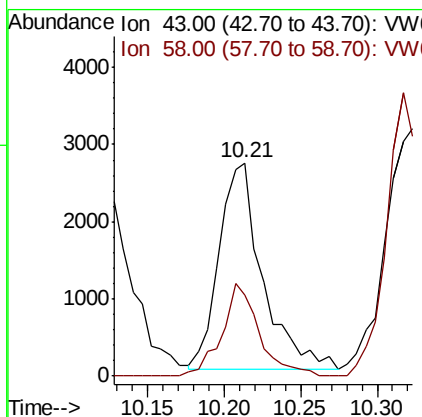
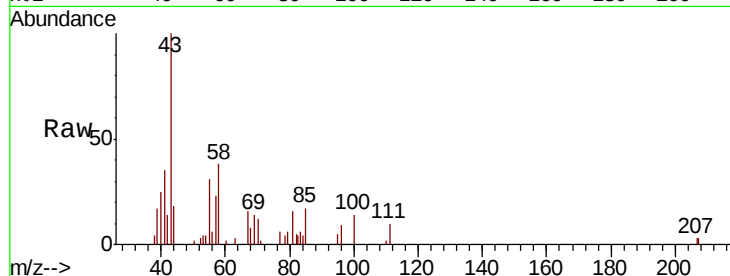




#51
 4-Methyl-2-Pentanone
 Concen: 1.590 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

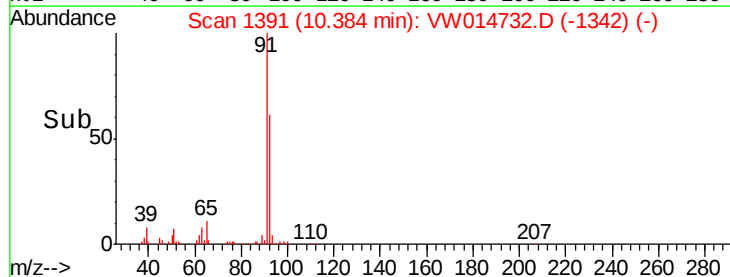
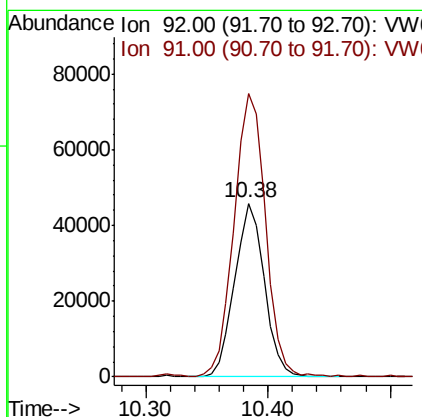
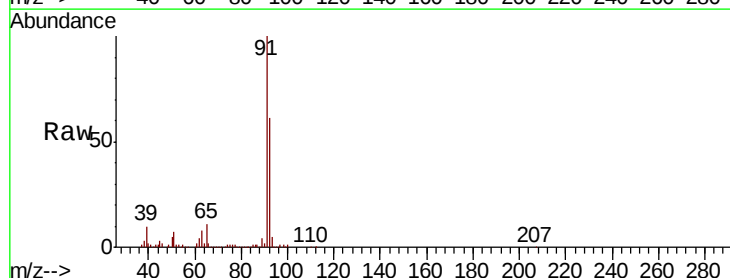
Instrument :
 MSVOA_W
 ClientSampled :

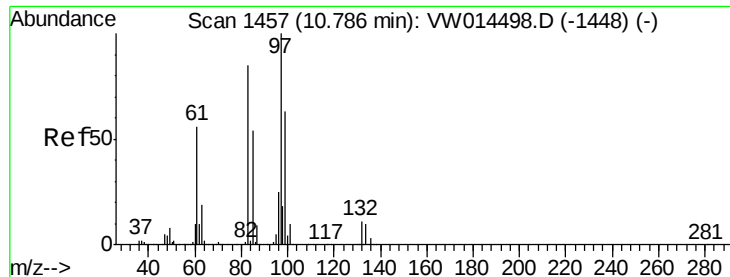
Tot Ion: 43 Resp: 5266
 Ion Ratio Lower Upper
 43 100
 58 38.6 32.7 49.1



#52
 Toluene
 Concen: 5.599 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion: 92 Resp: 77186
 Ion Ratio Lower Upper
 92 100
 91 171.2 134.1 201.1

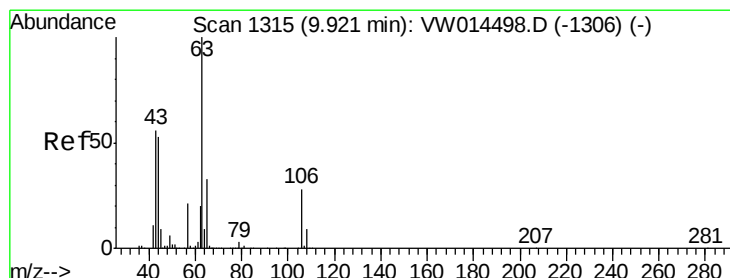
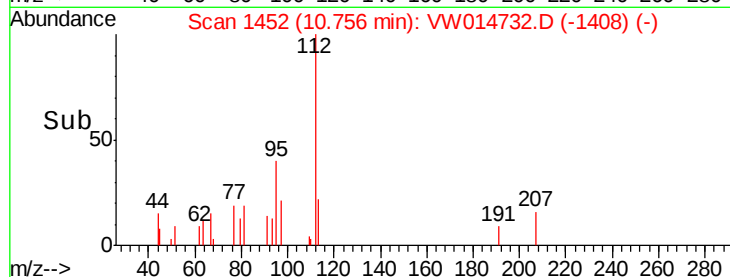
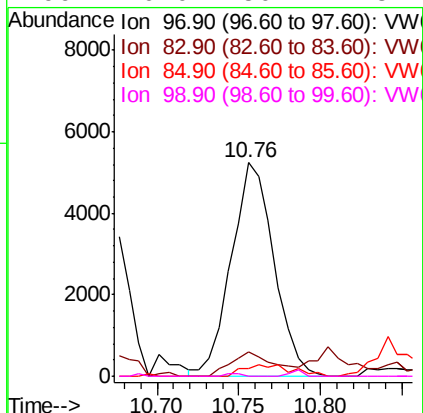
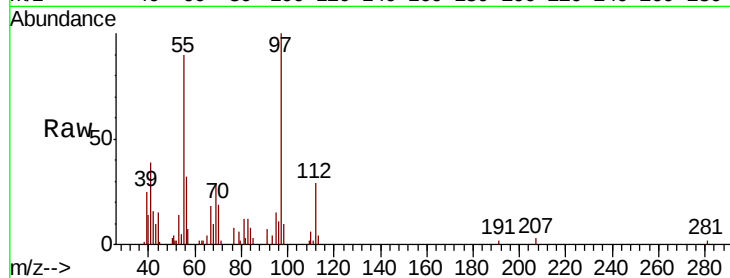




#55
 1,1,2-Trichloroethane
 Concen: 2.465 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

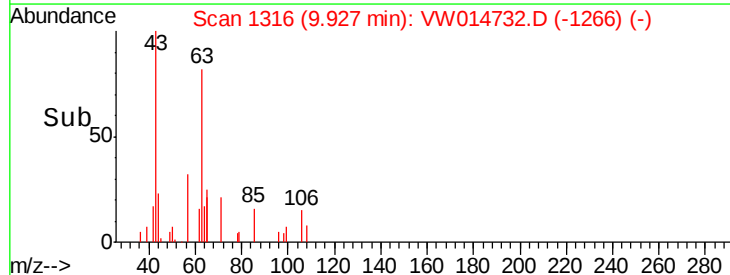
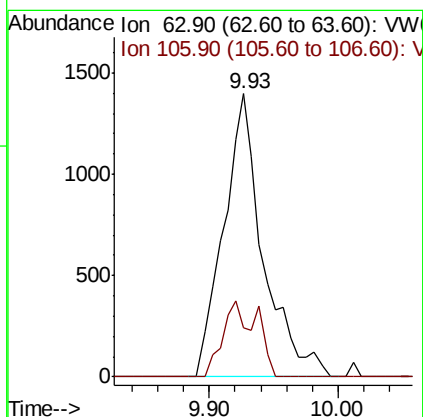
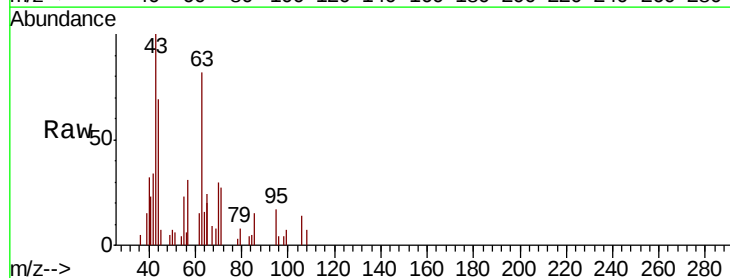
Instrument :
 MSVOA_W
 ClientSampleId :

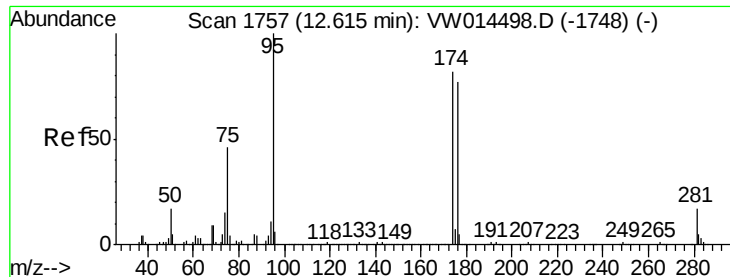
Tot Ion	Resp	Lower	Upper
97	100		
83	11.5	68.2	102.4#
85	3.4	43.0	64.4#
99	0.0	50.1	75.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.952 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion	Resp	Lower	Upper
63	100		
106	22.8	23.0	34.6#

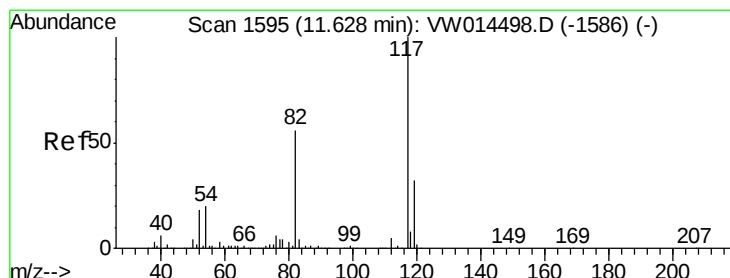
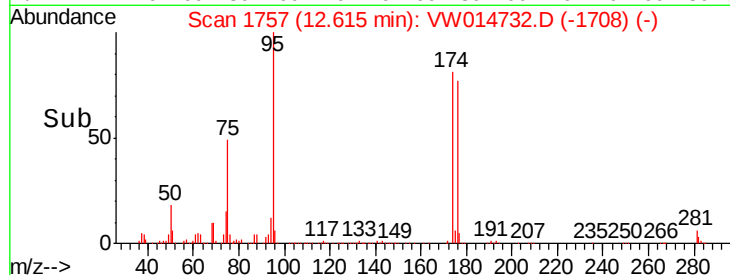
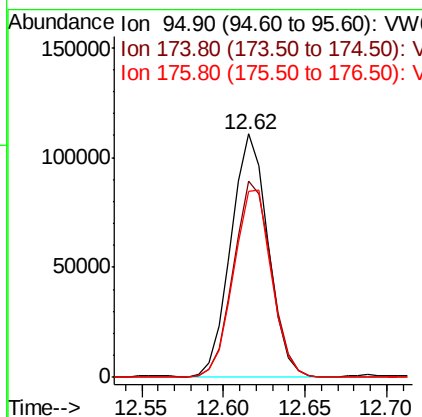
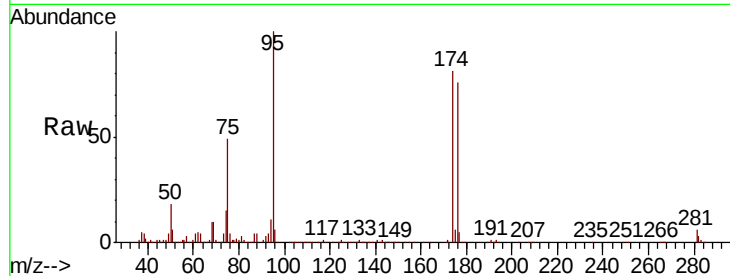




#62
4-Bromofluorobenzene
Concen: 26.920 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

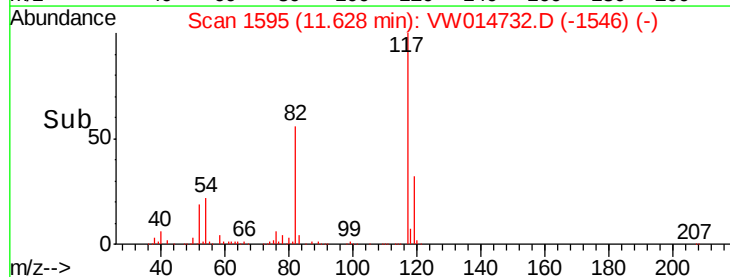
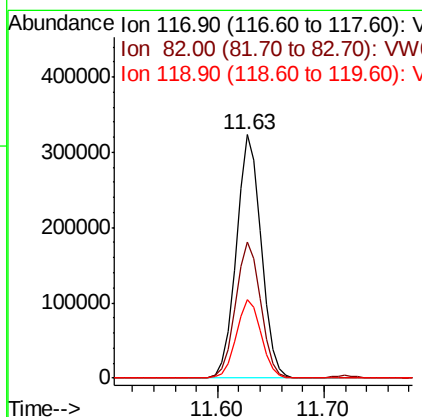
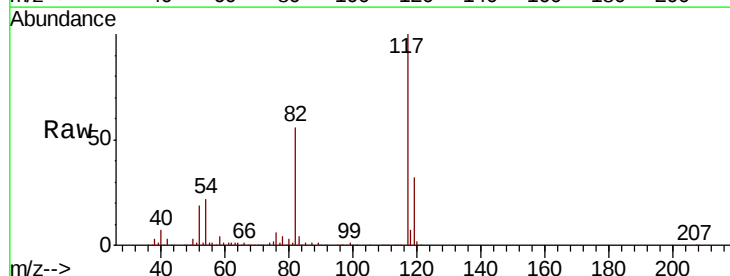
Instrument :
MSVOA_W
ClientSampled :

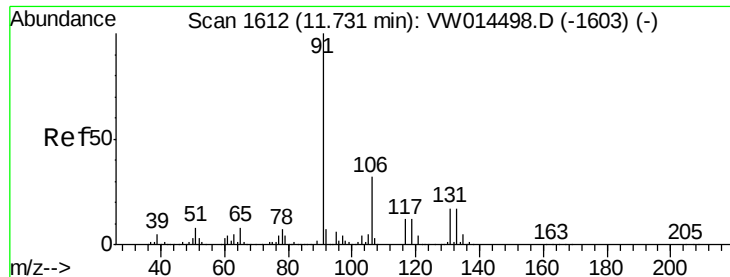
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.6
176	79.5	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	67.0
119	32.1	25.7	38.5

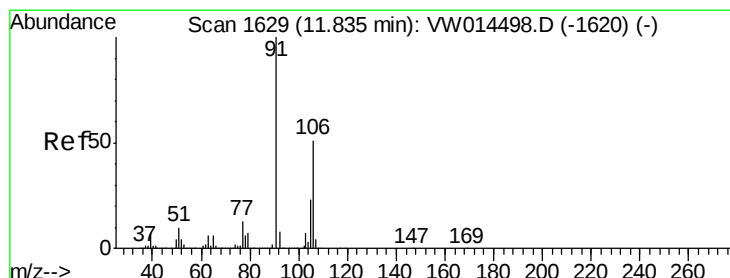
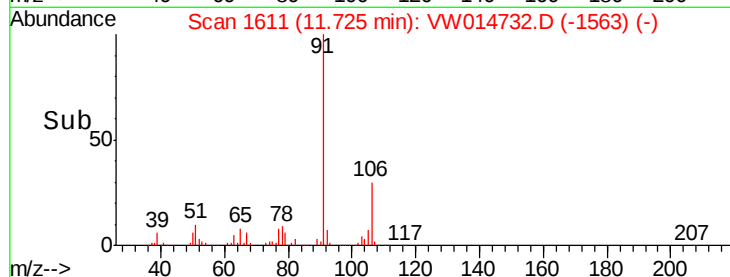
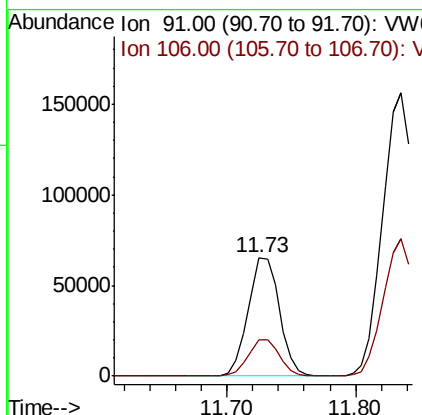
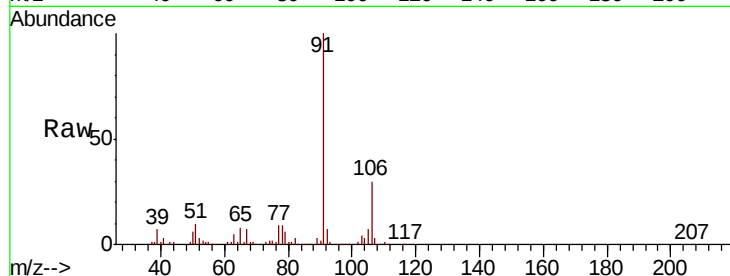




#67
Ethyl Benzene
Concen: 5.623 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

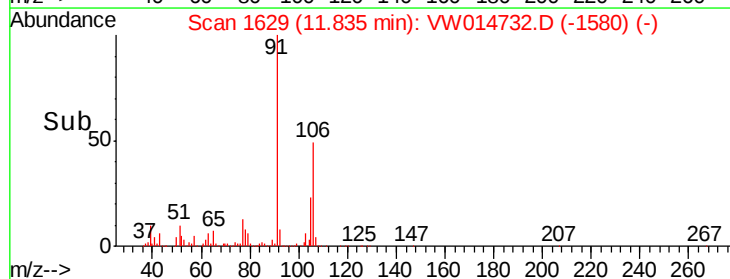
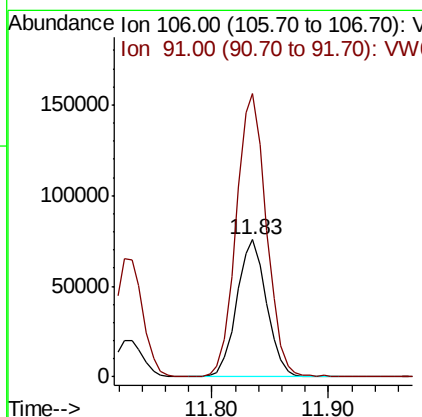
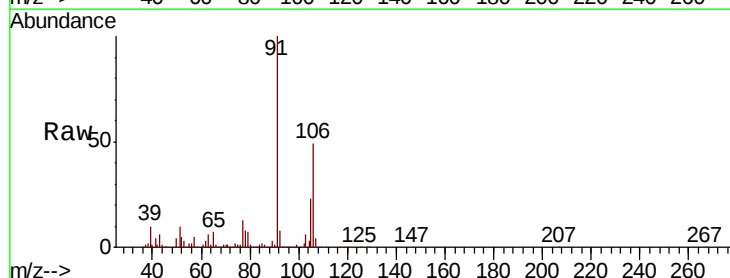
Instrument :
MSVOA_W
ClientSampled :

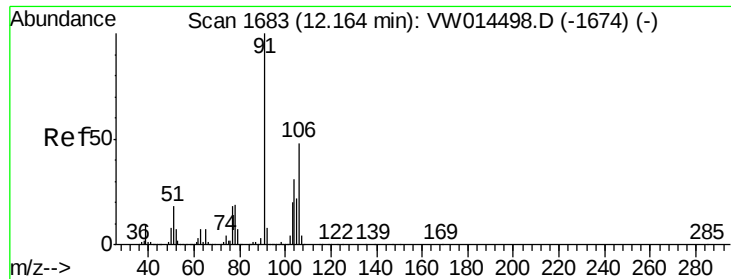
Tot Ion: 91 Resp: 110015
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 18.029 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion: 106 Resp: 134998
Ion Ratio Lower Upper
106 100
91 209.0 159.0 238.6

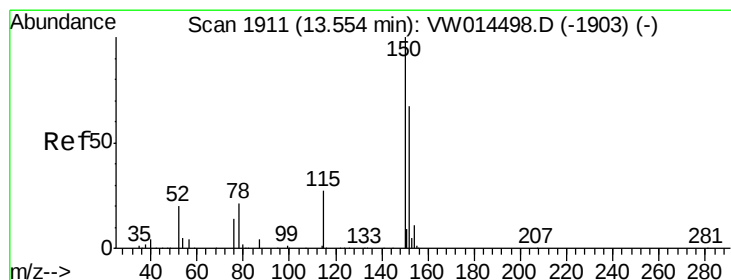
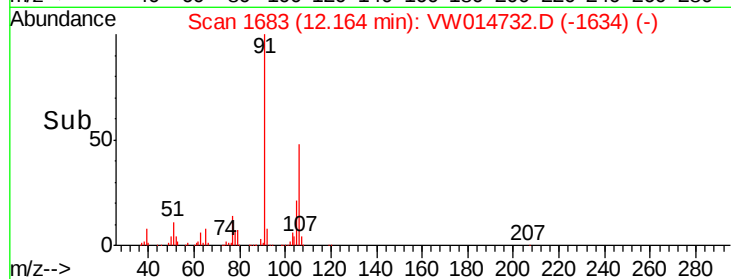
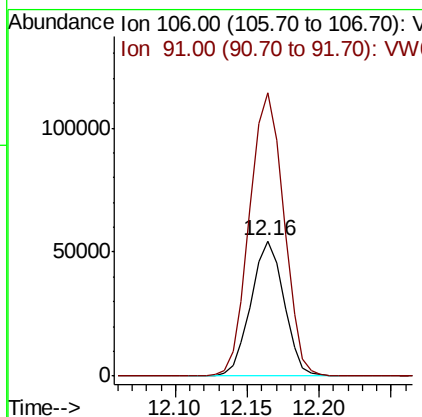
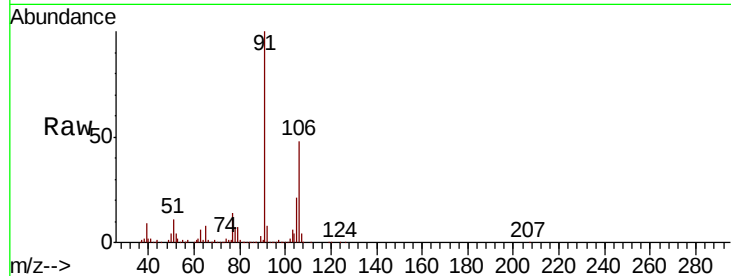




#69
o-Xylene
Concen: 12.513 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

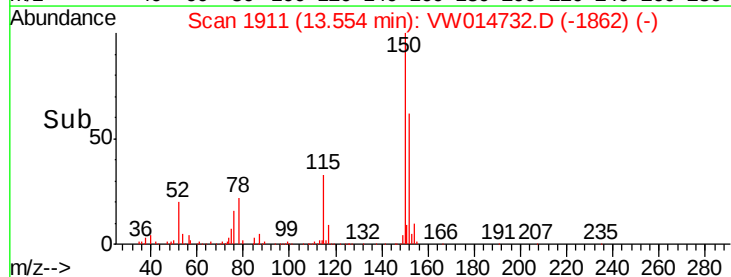
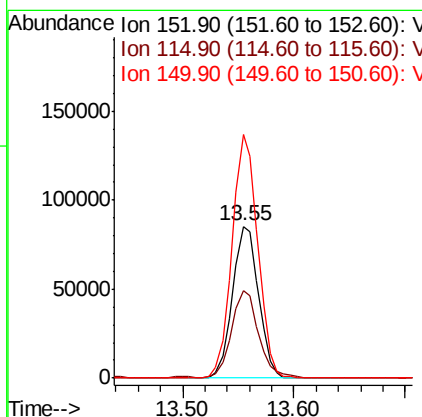
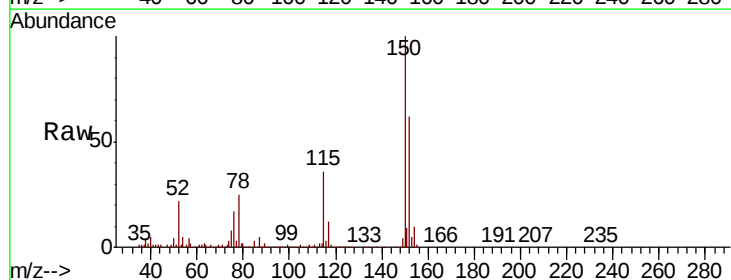
Instrument :
MSVOA_W
ClientSampleId :

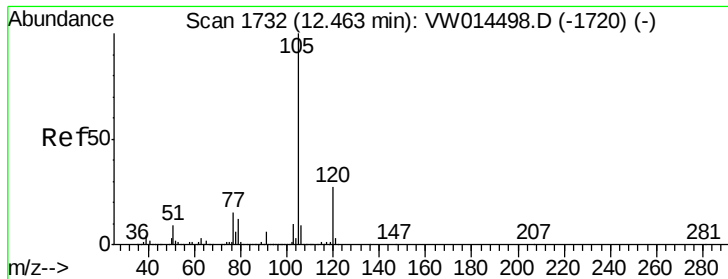
Tot Ion:106 Resp: 86551
Ion Ratio Lower Upper
106 100
91 216.9 105.2 315.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion:152 Resp: 138106
Ion Ratio Lower Upper
152 100
115 59.7 27.7 83.1
150 157.3 0.0 343.4





#73

Isopropylbenzene

Concen: 4.170 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Instrument :

MSVOA_W

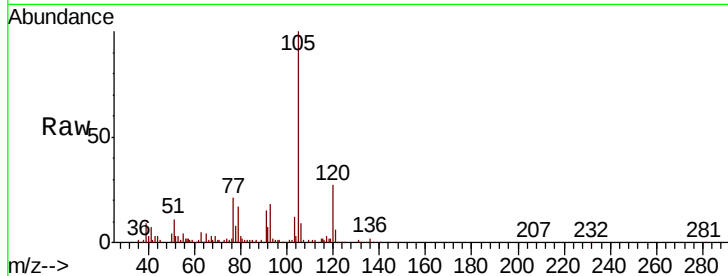
ClientSampleId :

Tot Ion: 105 Resp: 42261

Ion Ratio Lower Upper

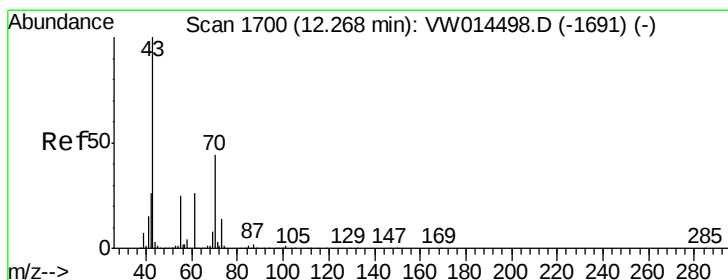
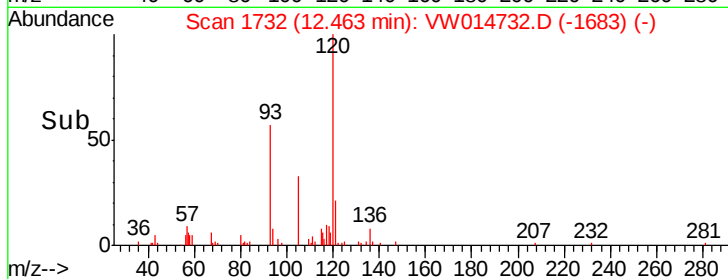
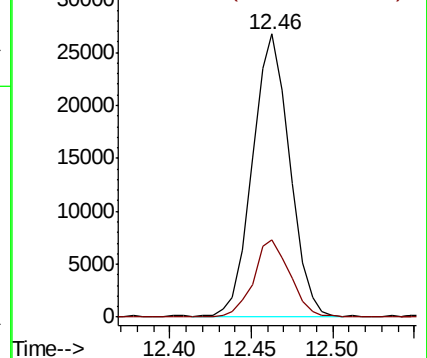
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.869 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.02 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Tgt Ion: 43 Resp: 4247

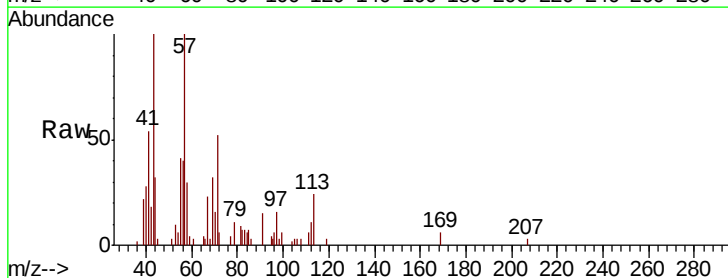
Ion Ratio Lower Upper

43 100

70 17.3 36.5 54.7#

55 0.0 20.9 31.3#

61 0.0 20.7 31.1#

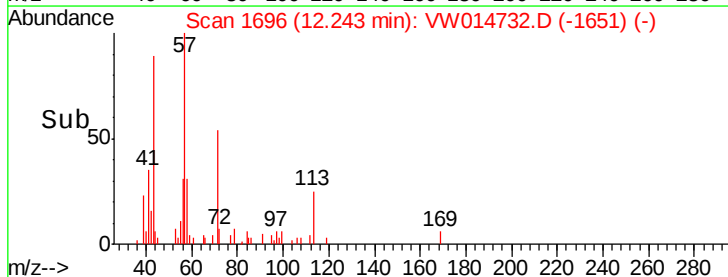
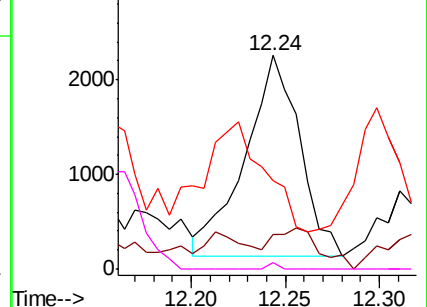


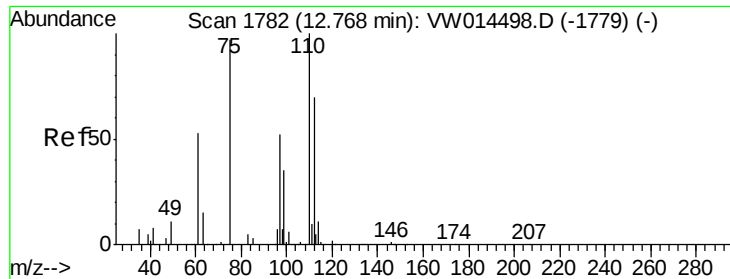
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

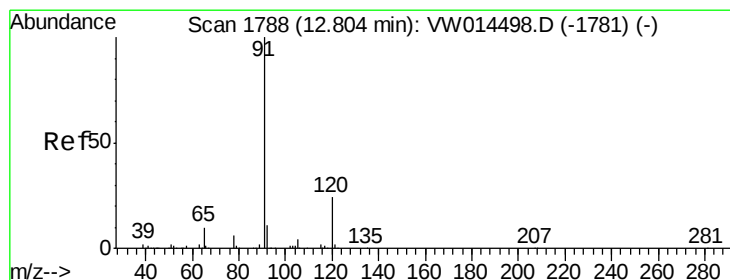
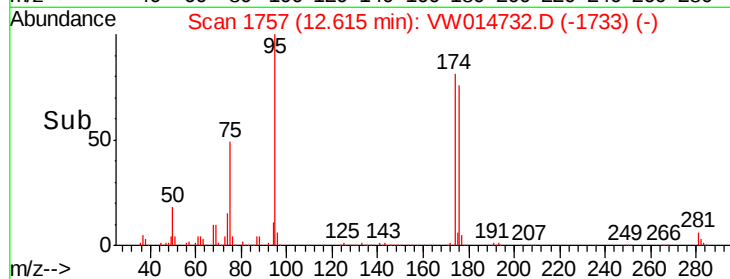
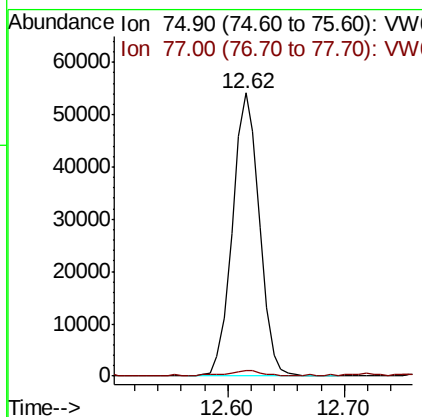
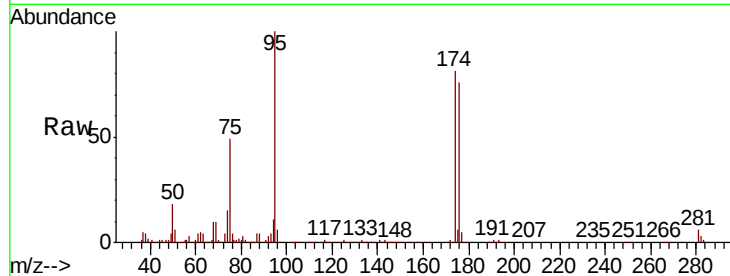




#76
 1,2,3-Trichloropropane
 Concen: 66.647 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

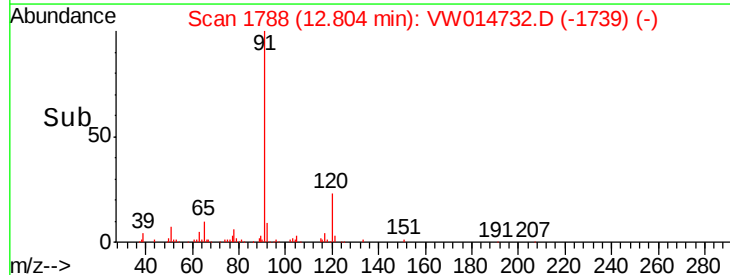
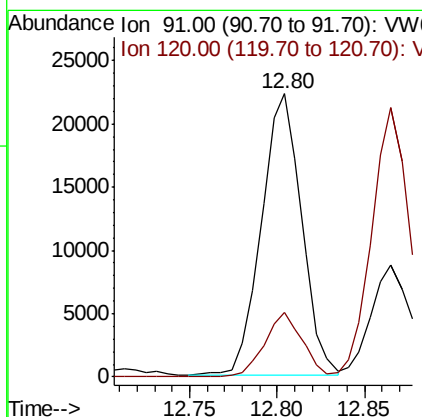
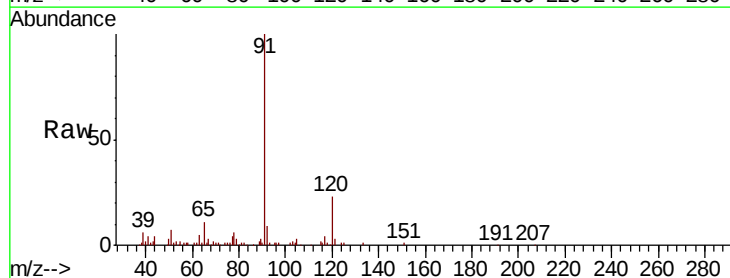
Instrument :
 MSVOA_W
 ClientSampleId :

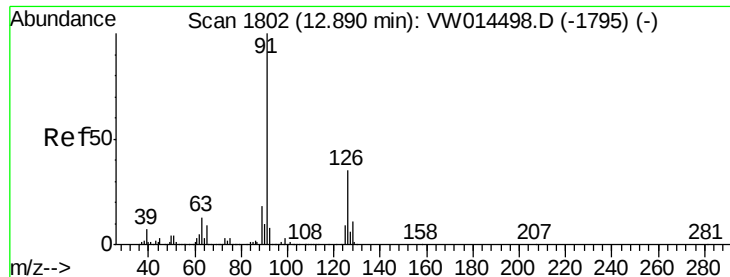
Tot Ion: 75 Resp: 87026
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 3.011 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion: 91 Resp: 35876
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.7 35.1

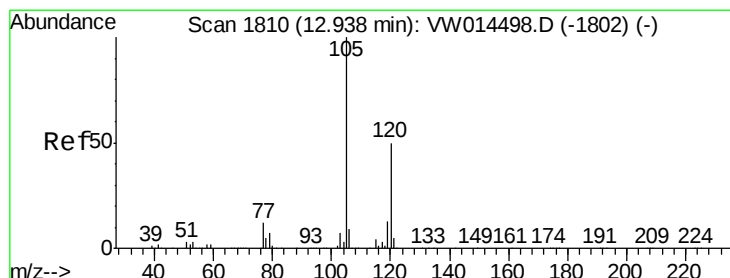
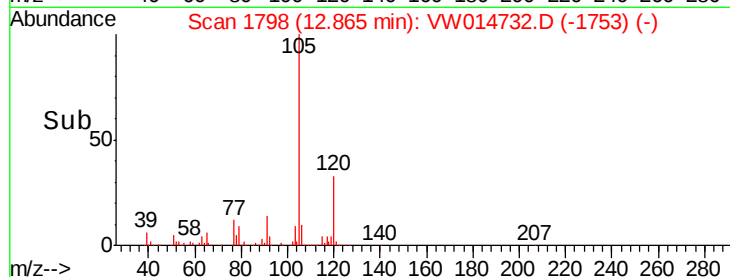
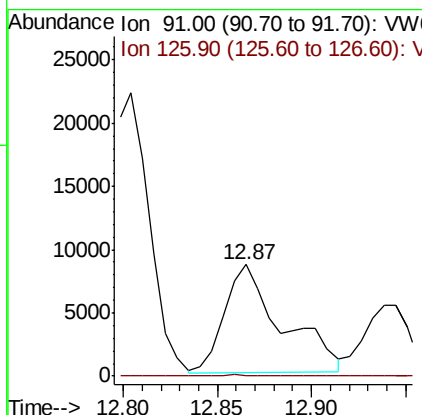
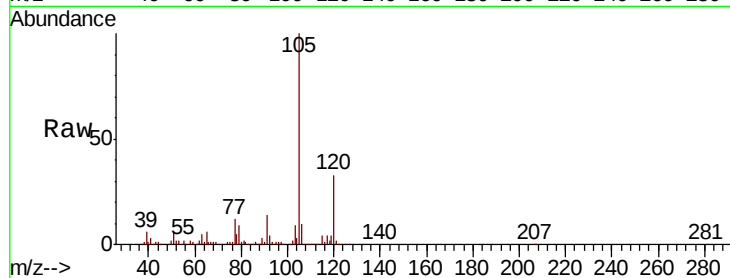




#79
 2-Chlorotoluene
 Concen: 2.692 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

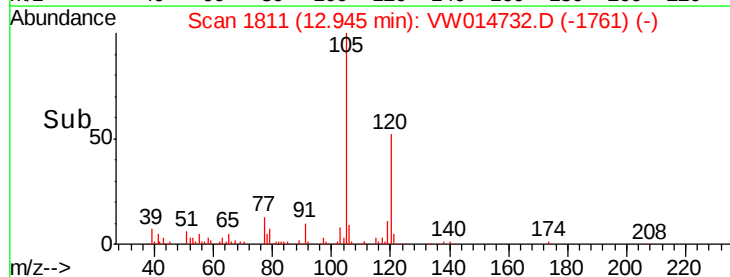
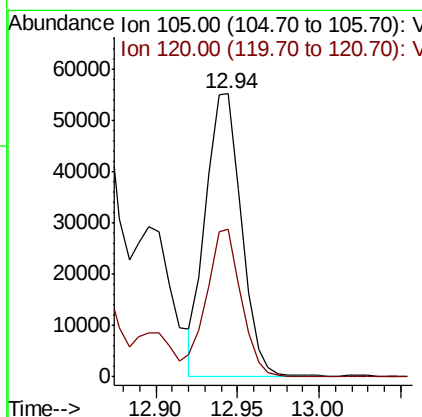
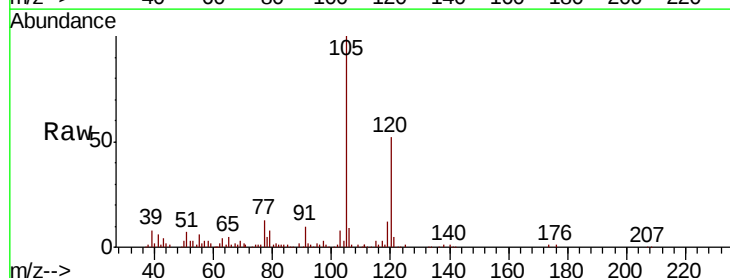
Instrument :
 MSVOA_W
 ClientSampleId :

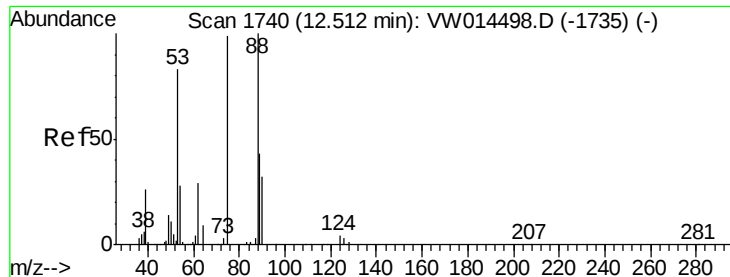
Tot Ion: 91 Resp: 18254
 Ion Ratio Lower Upper
 91 100
 126 0.4 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 9.851 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW014732.D
 Acq: 23 Jan 2020 18:47

Tgt Ion: 105 Resp: 83815
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 148.493 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Instrument :

MSVOA_W

ClientSampleId :

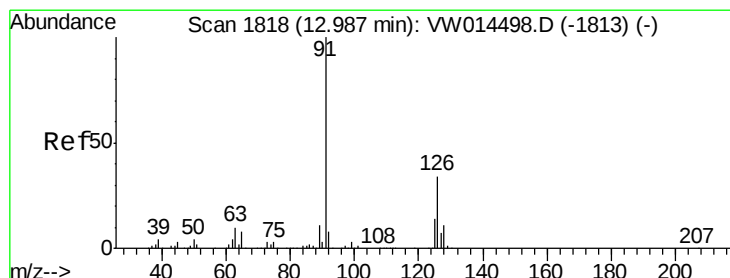
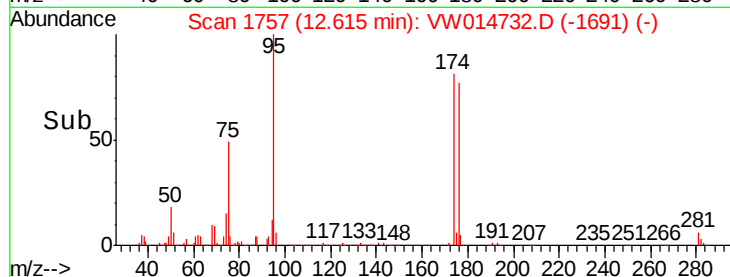
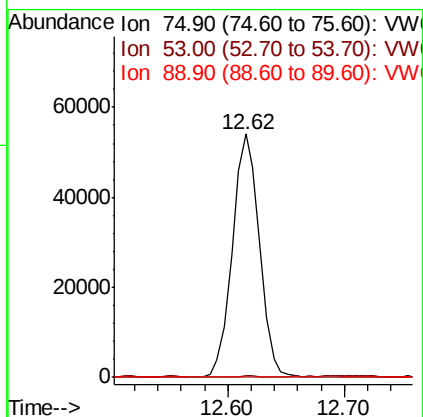
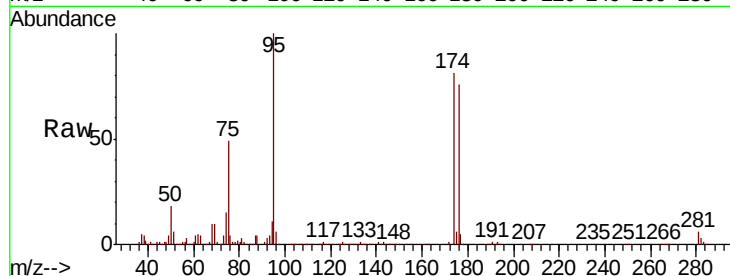
Tot Ion: 75 Resp: 87026

Ion Ratio Lower Upper

75 100

53 0.4 70.9 106.3#

89 0.1 35.8 53.8#



#82

4-Chlorotoluene

Concen: 1.239 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.05 min

Lab File: VW014732.D

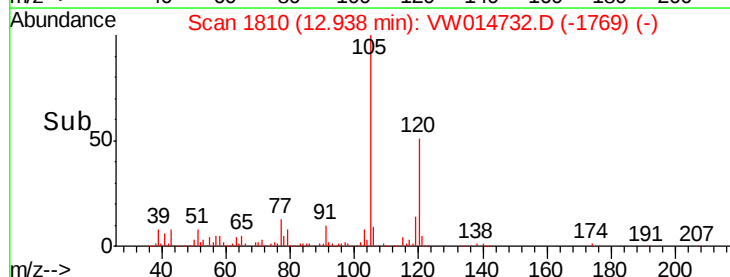
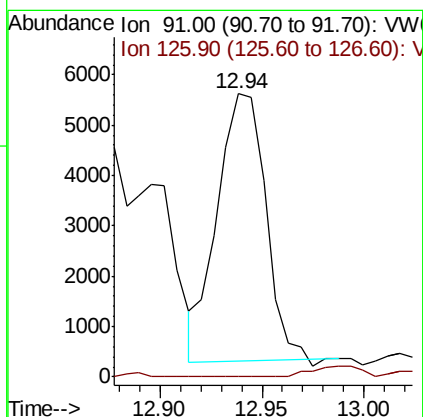
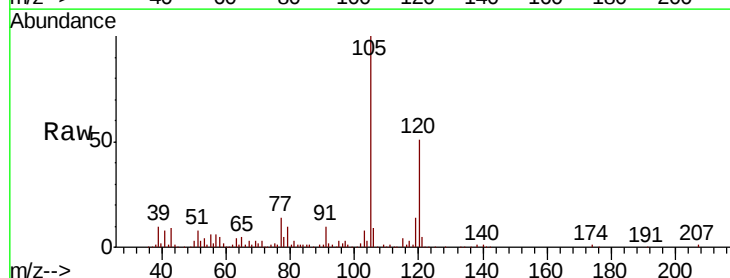
Acq: 23 Jan 2020 18:47

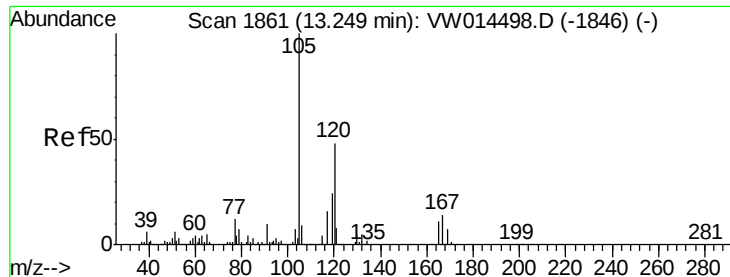
Tgt Ion: 91 Resp: 8726

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#





#84

1,2,4-Trimethylbenzene

Concen: 21.095 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Instrument :

MSVOA_W

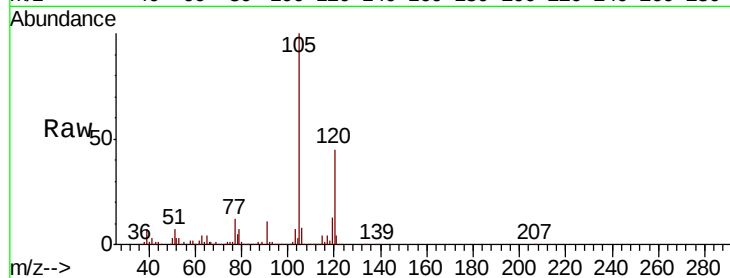
ClientSampleId :

Tot Ion:105 Resp: 178615

Ion Ratio Lower Upper

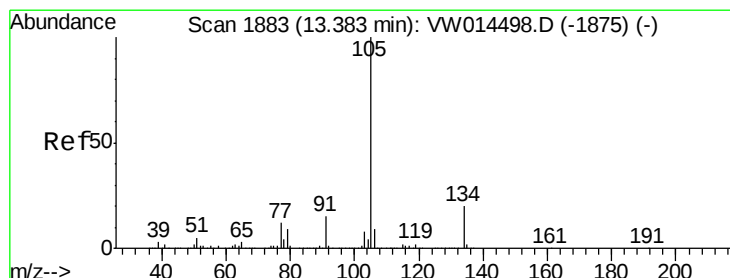
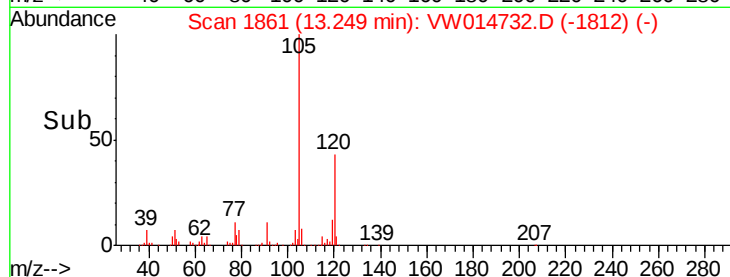
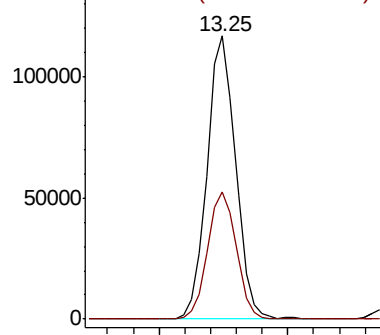
105 100

120 45.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.005 ug/l

RT: 13.38 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VW014732.D

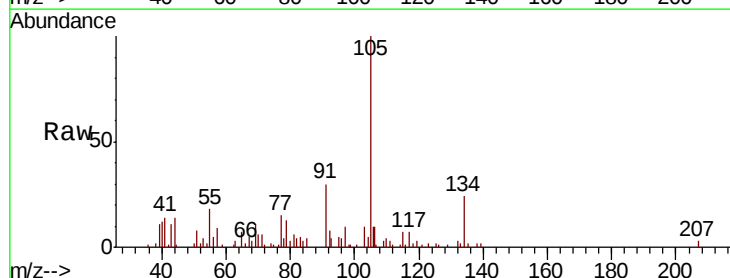
Acq: 23 Jan 2020 18:47

Tgt Ion:105 Resp: 10358

Ion Ratio Lower Upper

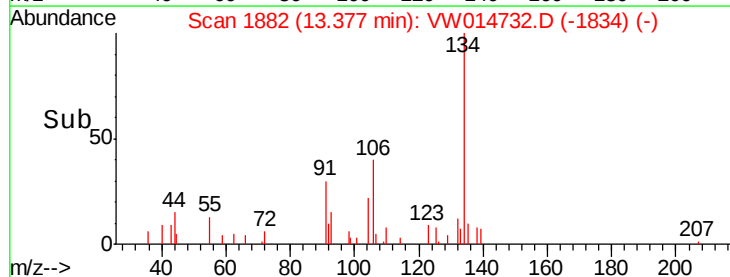
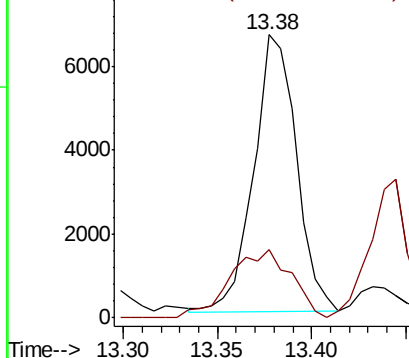
105 100

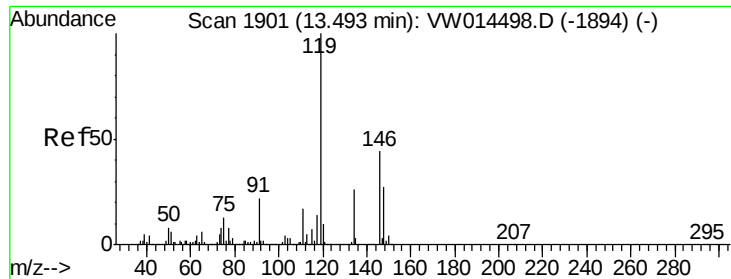
134 35.2 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

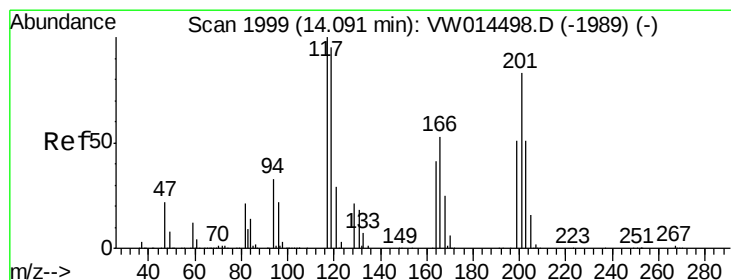
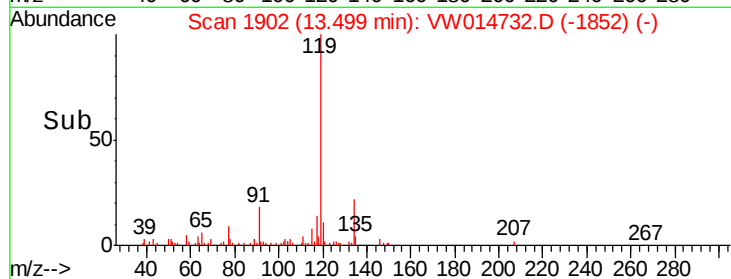
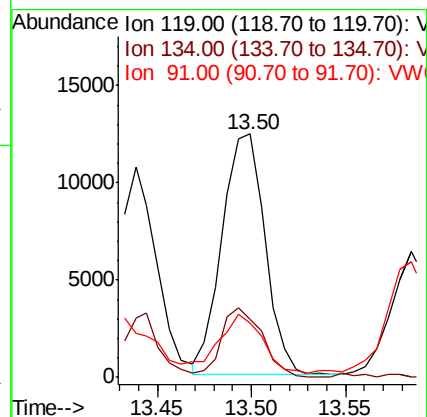
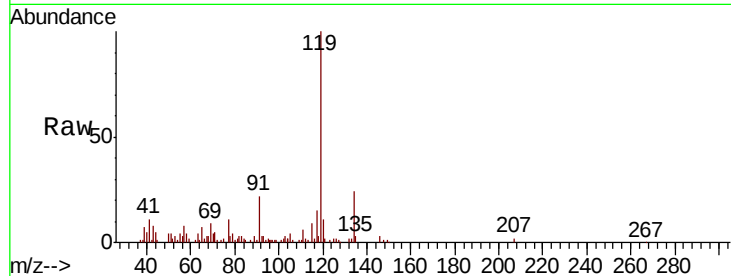




#86
p-Isopropyltoluene
Concen: 2.100 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

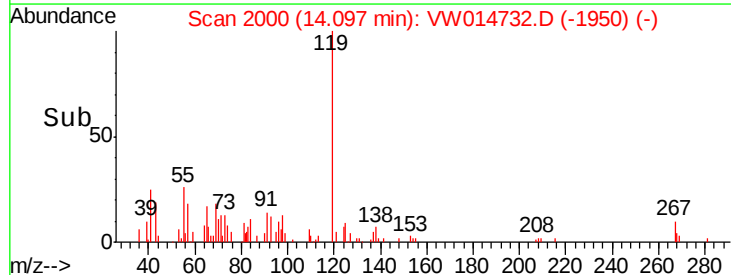
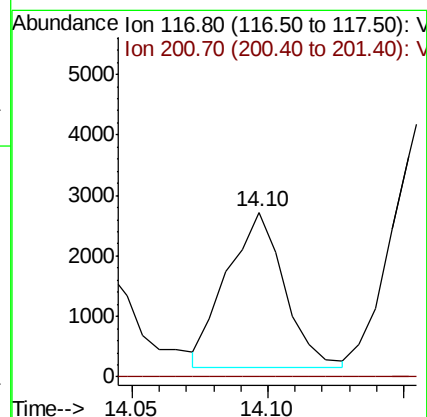
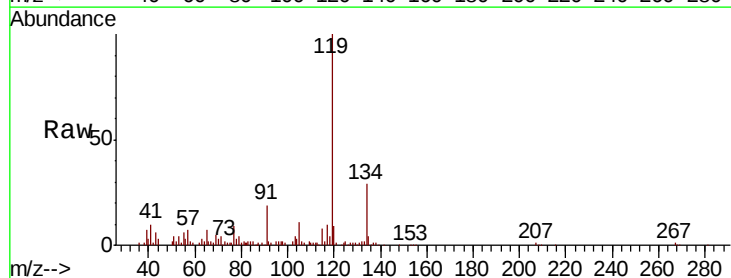
Instrument :
MSVOA_W
ClientSampleId :

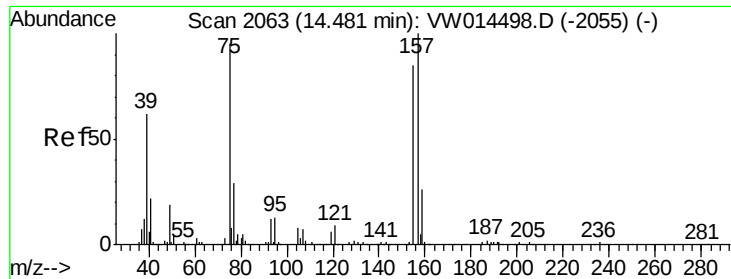
Tot Ion:119 Resp: 19736
Ion Ratio Lower Upper
119 100
134 27.3 13.2 39.5
91 24.7 11.1 33.3



#90
Hexachloroethane
Concen: 2.283 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW014732.D
Acq: 23 Jan 2020 18:47

Tgt Ion:117 Resp: 3749
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.802 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.02 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Instrument :

MSVOA_W

ClientSampleId :

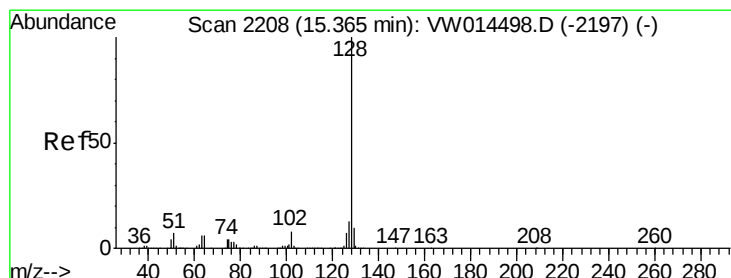
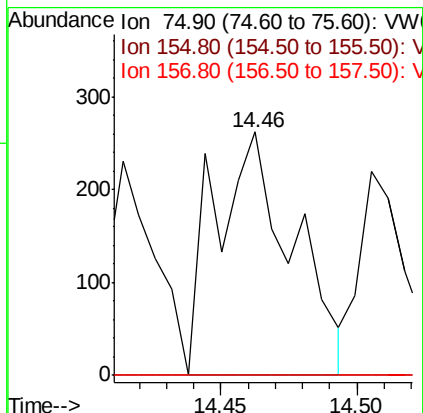
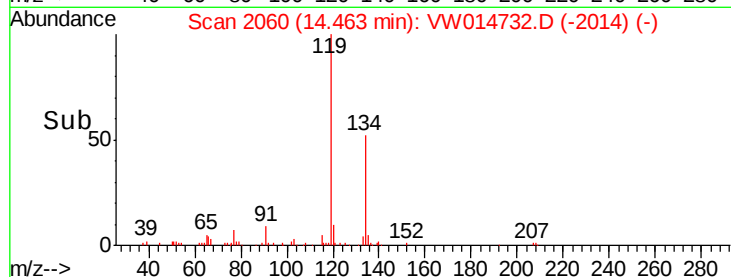
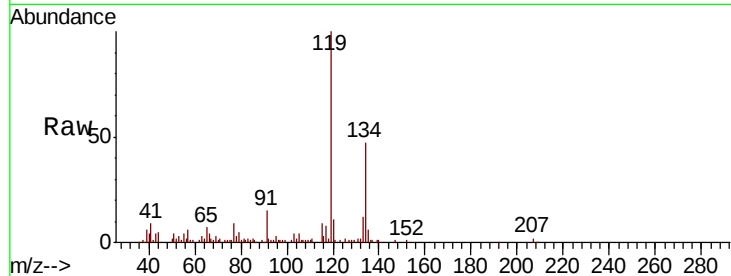
Tot Ion: 75 Resp: 522

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 58.1 174.2#



#95

Naphthalene

Concen: 388.216 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014732.D

Acq: 23 Jan 2020 18:47

Tgt Ion: 128 Resp: 1798523

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.7 13.1

