

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010720\
 Data File : VW014546.D
 Acq On : 07 Jan 2020 14:56
 Operator : SY/VA
 Sample : K6476-06
 Misc : 8.35G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 08 05:48:11 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	7.94	168	677170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1026717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	719317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	620799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	260154	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
35) Dibromofluoromethane	7.88	113	281733	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.32	98	1209353	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.61	95	646534	77.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.68%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.17	59	3104	Below Cal	#	73
15) Acrylonitrile	5.43	53	3685	2.353	ug/l #	42
16) Acetone	4.11	43	61415	36.736	ug/l	89
17) Carbon Disulfide	4.37	76	39467	1.943	ug/l	100
25) 2-Butanone	7.17	43	18864	8.793	ug/l #	85
31) Cyclohexane	7.95	56	631294	49.961	ug/l	97
36) 1,1-Dichloropropene	7.95	75	47429	4.792	ug/l #	65
37) Ethyl Acetate	7.17	43	18864	4.202	ug/l #	86
38) Carbon Tetrachloride	7.94	117	59663	6.948	ug/l #	16
39) Methylcyclohexane	9.33	83	1271792	100.124	ug/l	95
40) Benzene	8.32	78	76348	2.726	ug/l	97
43) Isopropyl Acetate	8.42	43	38068	4.670	ug/l #	51
45) 1,2-Dichloropropane	9.33	63	11617	1.690	ug/l #	1
48) Methyl methacrylate	9.51	41	49232	12.370	ug/l #	49
51) 4-Methyl-2-Pentanone	10.25	43	55214	13.043	ug/l #	84
52) Toluene	10.38	92	29038	1.648	ug/l	94
55) 1,1,2-Trichloroethane	10.76	97	361550	72.970	ug/l #	22
56) Ethyl methacrylate	10.62	69	54360	8.442	ug/l #	27
59) 2-Hexanone	10.93	43	862240	295.588	ug/l #	27
65) Chlorobenzene	11.65	112	17850347	1211.294	ug/l #	88
67) Ethyl Benzene	11.73	91	111308	4.191	ug/l	96
68) m/p-Xylenes	11.83	106	22268	2.191	ug/l #	68
69) o-Xylene	12.16	106	80278	8.550	ug/l	61
73) Isopropylbenzene	12.46	105	616523	13.535	ug/l	100
74) N-amyl acetate	12.26	43	7755983	759.386	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.69	83	650802	79.156	ug/l #	26
78) n-propylbenzene	12.80	91	456688	8.526	ug/l	90
79) 2-Chlorotoluene	12.89	91	267138	8.764	ug/l #	67
80) 1,3,5-Trimethylbenzene	13.10	105	889568	23.259	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.46	75	6845	2.598	ug/l #	1
82) 4-Chlorotoluene	12.94	91	103288	3.262	ug/l #	1
83) tert-Butylbenzene	13.21	119	761520	22.742	ug/l	91
84) 1,2,4-Trimethylbenzene	13.25	105	382400	10.047	ug/l	98
85) sec-Butylbenzene	13.38	105	3836762	82.778	ug/l #	55

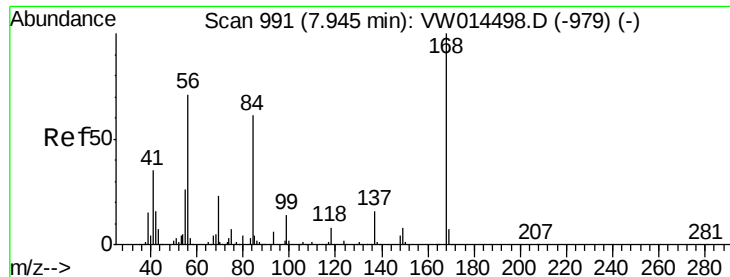
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010720\
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 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.65	119	1663035	39.364	uq/l	93
87) 1,3-Dichlorobenzene	13.50	146	1053715	51.219	uq/l #	1
88) 1,4-Dichlorobenzene	13.58	146	1493743	73.545	uq/l #	12
89) n-Butylbenzene	13.82	91	4417974	112.610	uq/l	90
90) Hexachloroethane	14.10	117	354230	47.996	uq/l #	7
91) 1,2-Dichlorobenzene	13.87	146	676698	37.424	uq/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.50	75	39398	30.260	uq/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	89313	7.314	uq/l #	1
95) Naphthalene	15.33	128	158725	7.622	uq/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	34552	3.246	uq/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

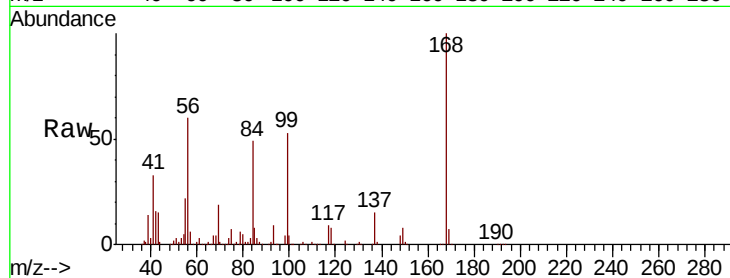
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 677170

Ion Ratio Lower Upper

168 100

99 52.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

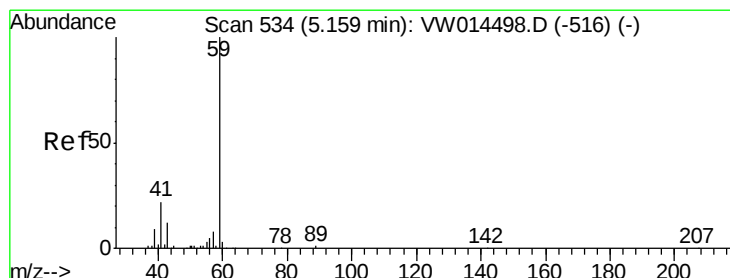
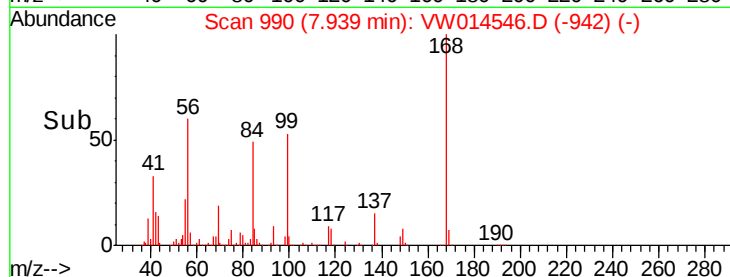
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014546.D

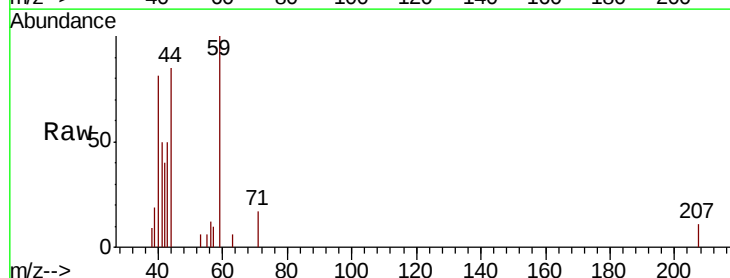
Acq: 07 Jan 2020 14:56

Tgt Ion: 59 Resp: 3104

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

1000

800

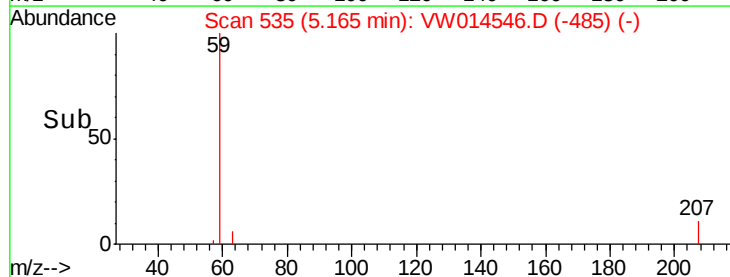
600

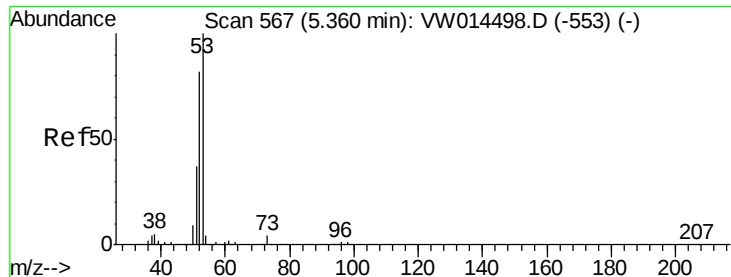
400

200

0

Time-->





#15

Acrylonitrile

Concen: 2.353 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

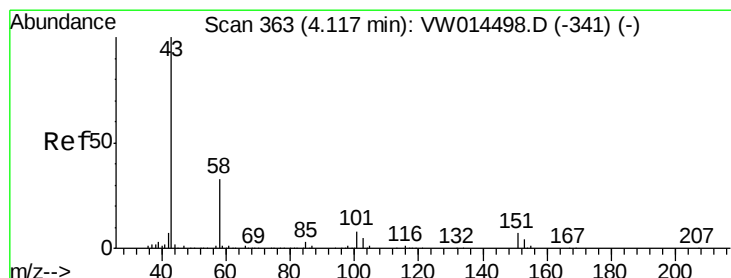
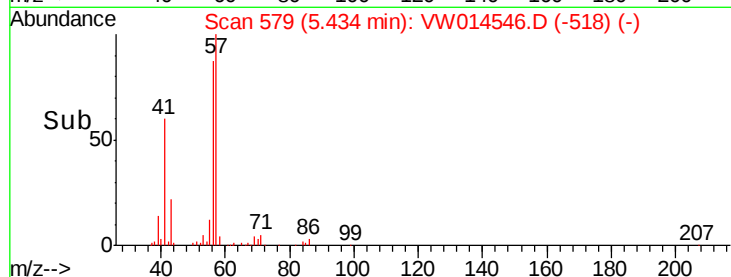
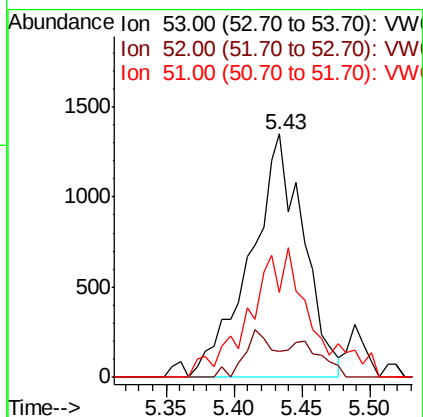
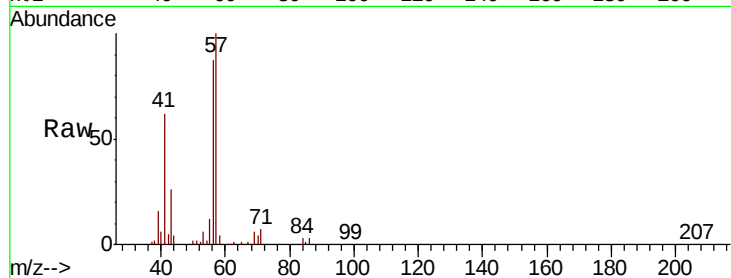
Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 53 Resp: 3685

Ion	Ratio	Lower	Upper
53	100		
52	10.5	66.5	99.7#
51	32.3	28.4	42.6



#16

Acetone

Concen: 36.736 ug/l

RT: 4.11 min Scan# 362

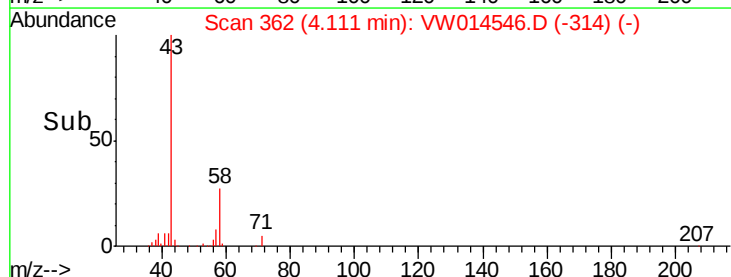
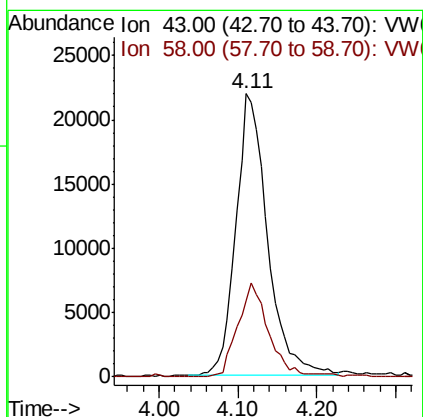
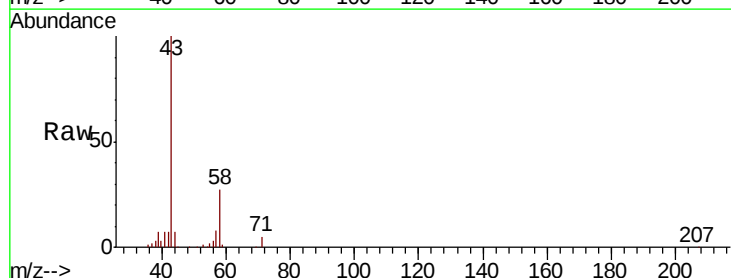
Delta R.T. -0.01 min

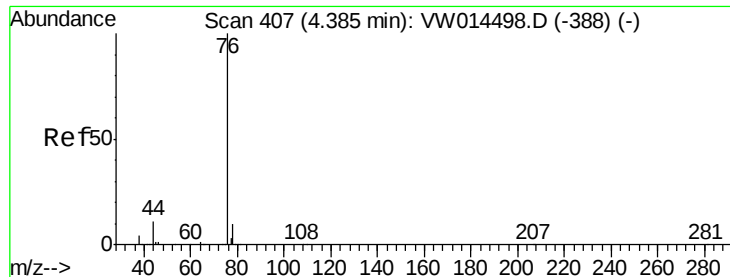
Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Tgt Ion: 43 Resp: 61415

Ion	Ratio	Lower	Upper
43	100		
58	26.8	26.6	39.8

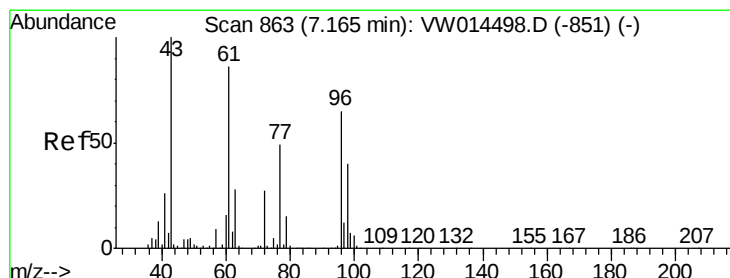
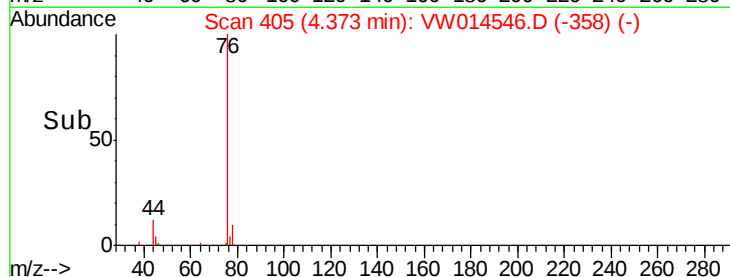
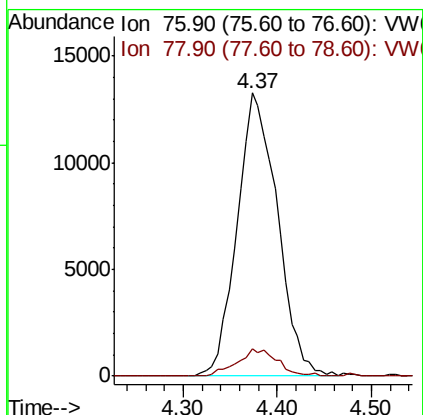
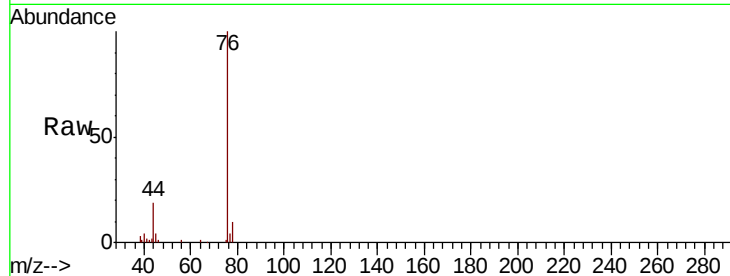




#17
Carbon Disulfide
Concen: 1.943 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

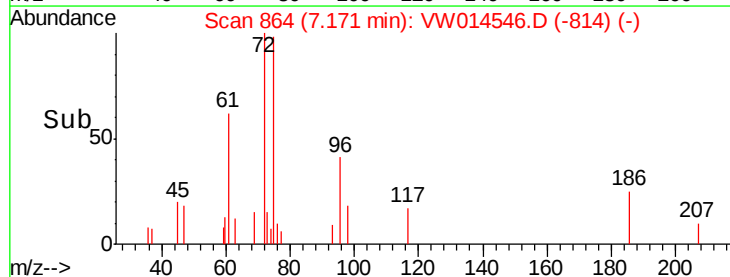
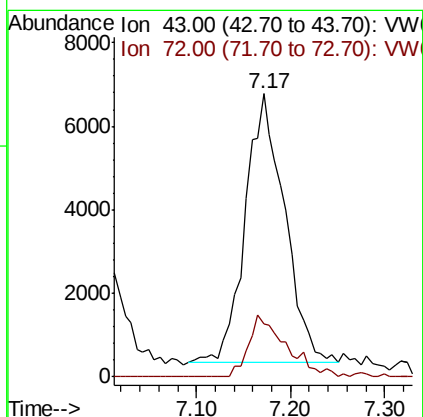
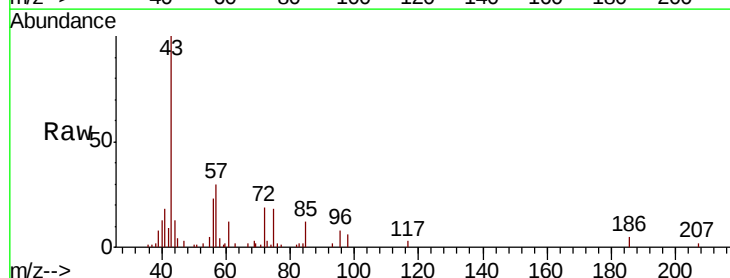
Instrument :
MSVOA_W
ClientSampled :

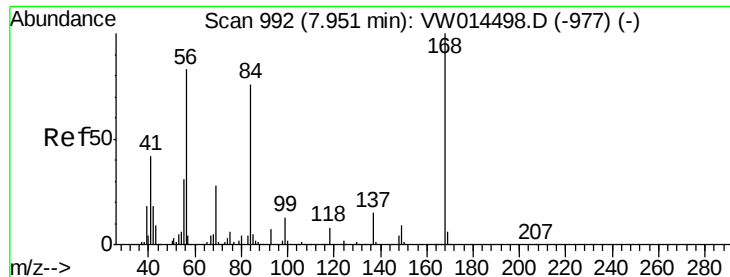
Tot Ion: 76 Resp: 39467
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6



#25
2-Butanone
Concen: 8.793 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion: 43 Resp: 18864
Ion Ratio Lower Upper
43 100
72 19.8 21.9 32.9#

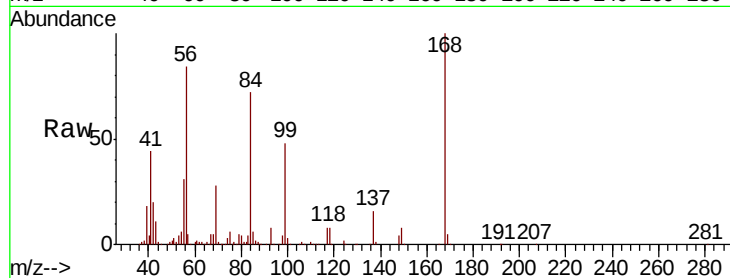




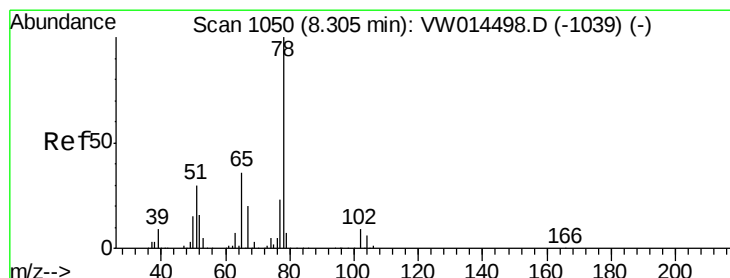
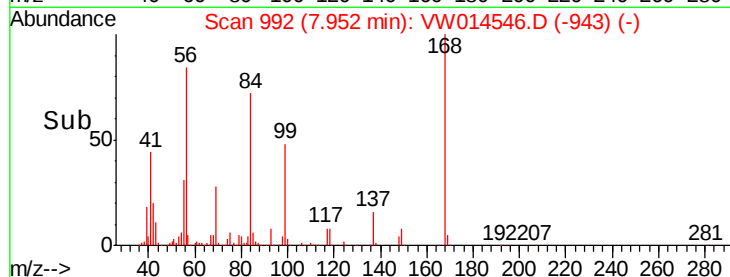
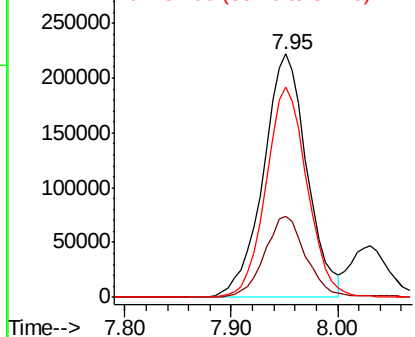
#31
Cyclohexane
Concen: 49.961 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 631294
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 86.2 71.8 107.6

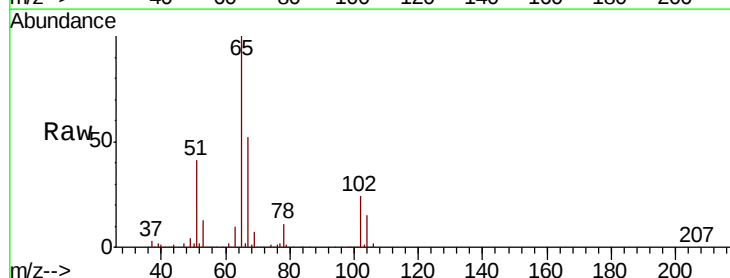


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

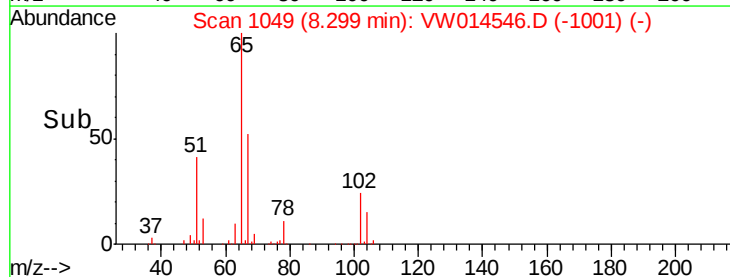
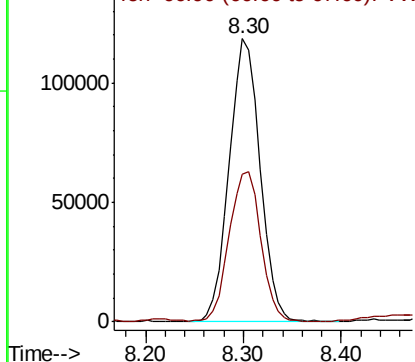


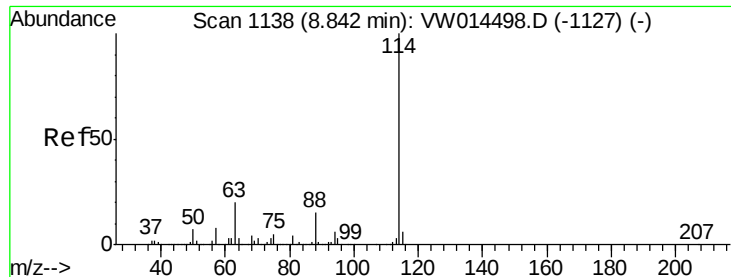
#33
1,2-Dichloroethane-d4
Concen: 43.941 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion: 65 Resp: 260154
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.4



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

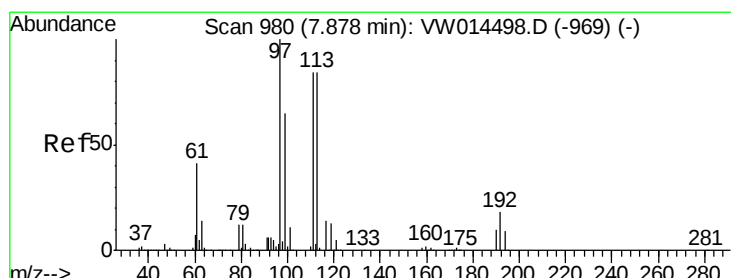
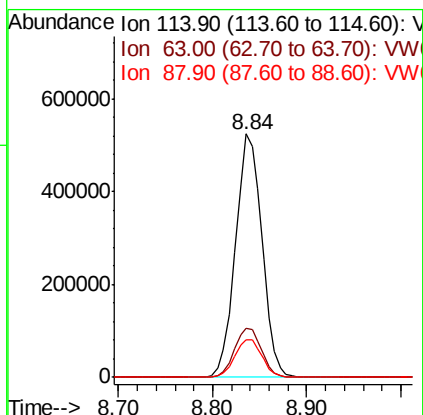
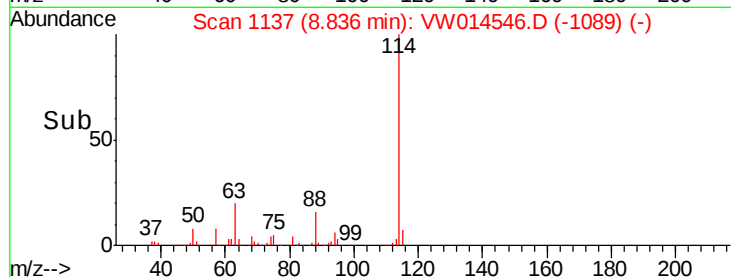
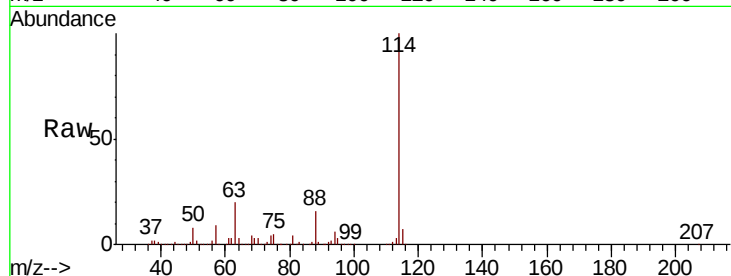




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

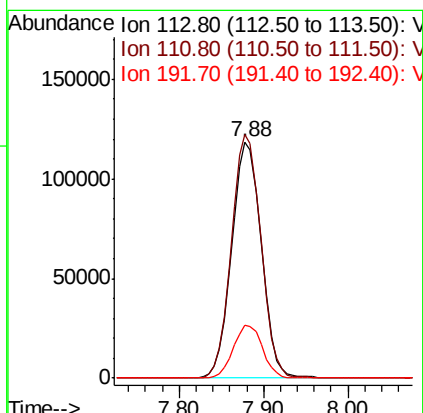
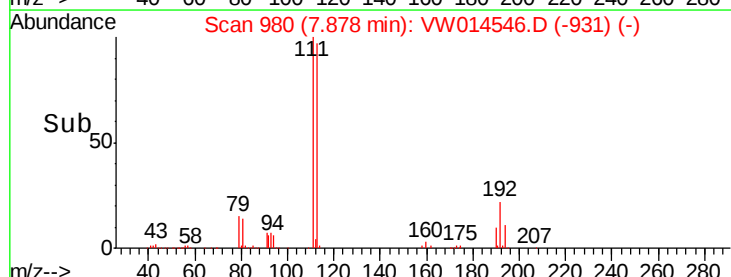
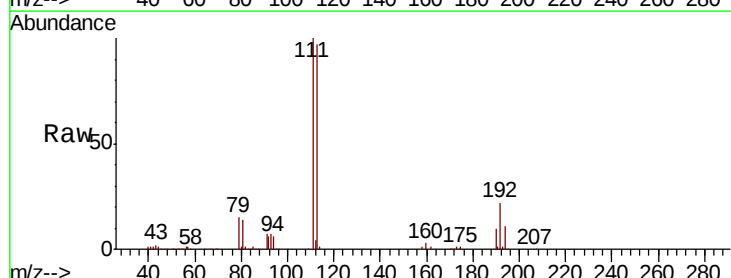
Instrument :
 MSVOA_W
 ClientSampleId :

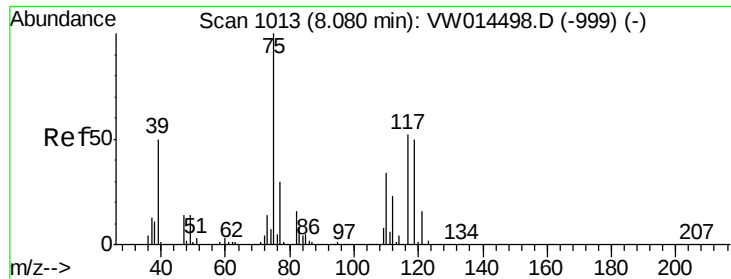
Tot Ion:114 Resp: 1026717
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.4
 88 15.5 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 48.013 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

Tgt Ion:113 Resp: 281733
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 22.1 17.8 26.8

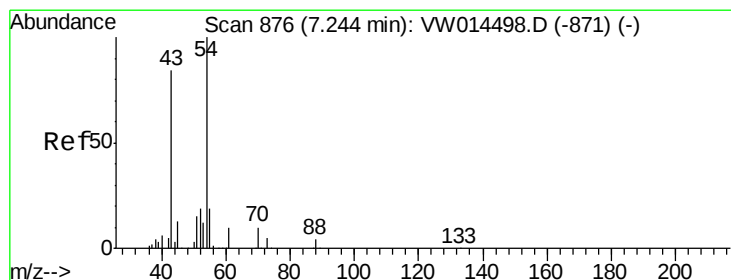
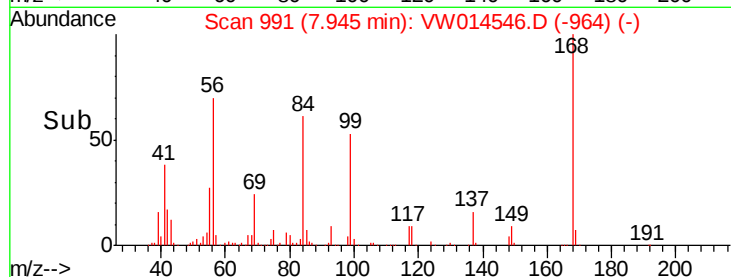
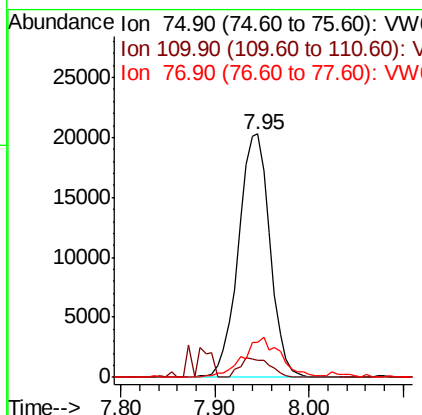
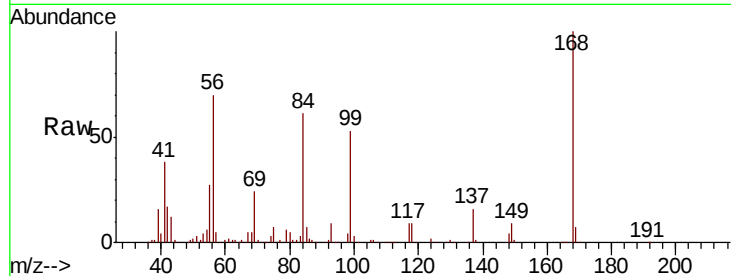




#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

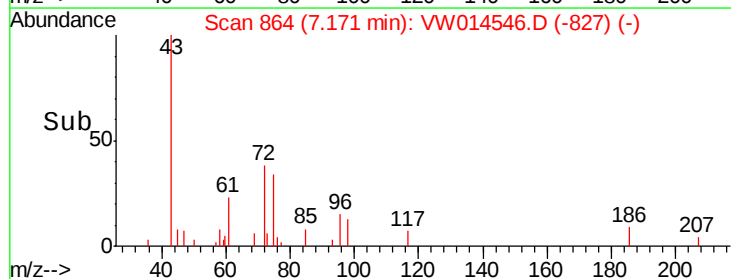
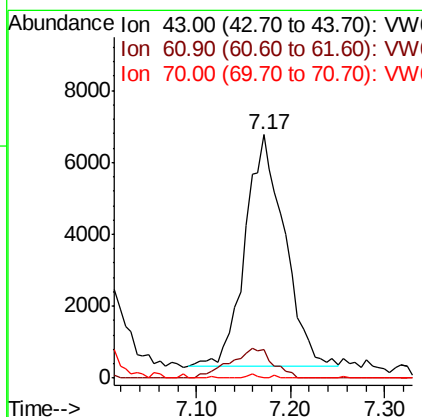
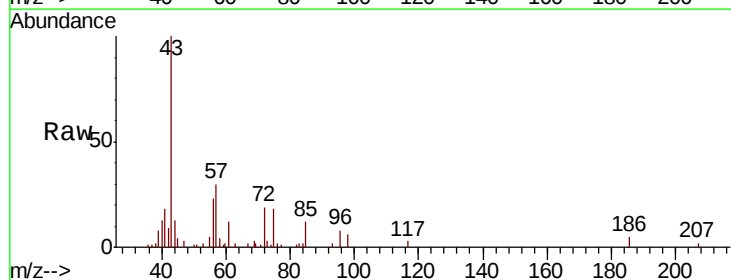
Instrument :
 MSVOA_W
 ClientSampled :

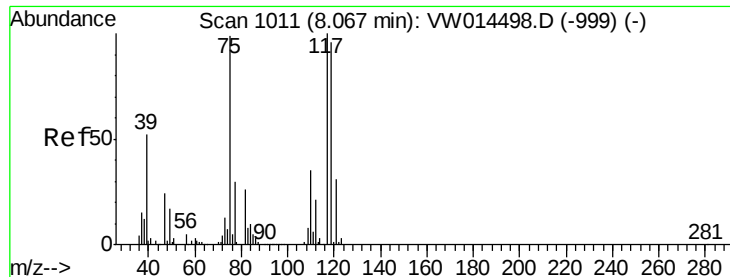
Tot Ion: 75 Resp: 47429
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.8 53.5#
 77 19.6 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 4.202 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

Tgt Ion: 43 Resp: 18864
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.7 17.5
 70 0.0 9.0 13.6#





#38

Carbon Tetrachloride

Concen: 6.948 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

ClientSampleId :

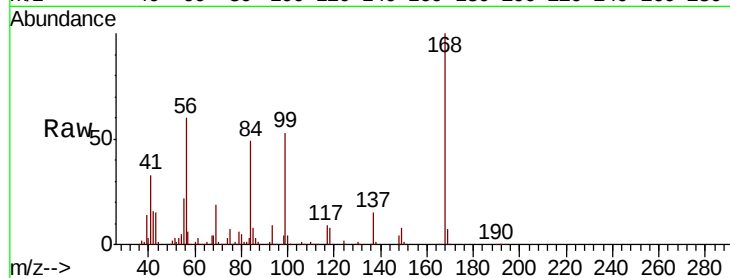
Tot Ion:117 Resp: 59663

Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.6#

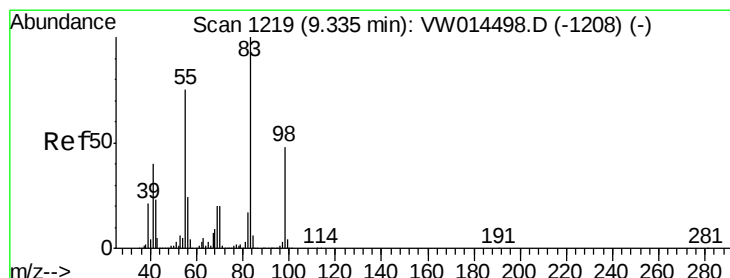
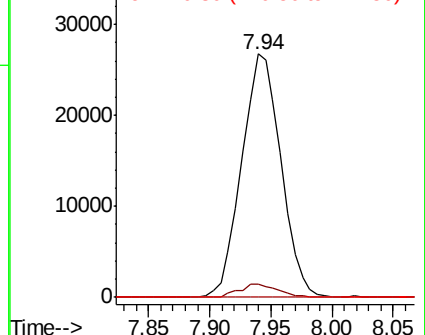
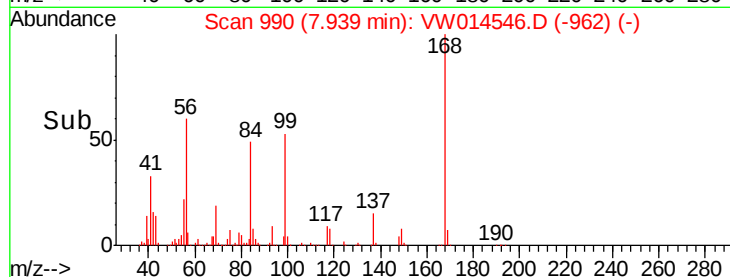
121 0.0 24.6 36.8#



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: 100.124 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

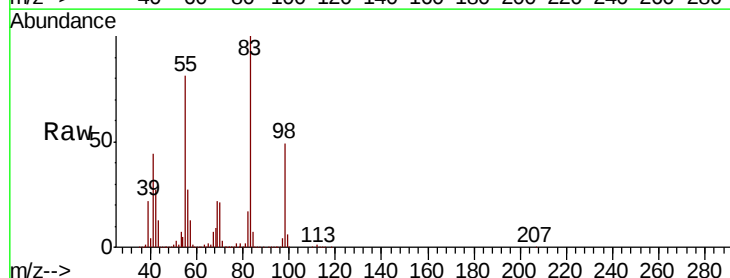
Tgt Ion: 83 Resp: 1271792

Ion Ratio Lower Upper

83 100

55 81.2 60.1 90.1

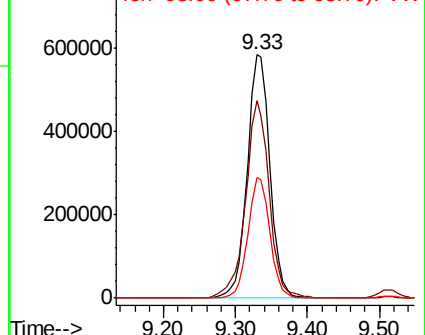
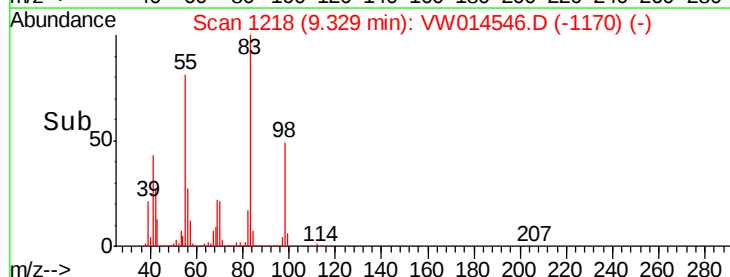
98 49.4 38.8 58.2

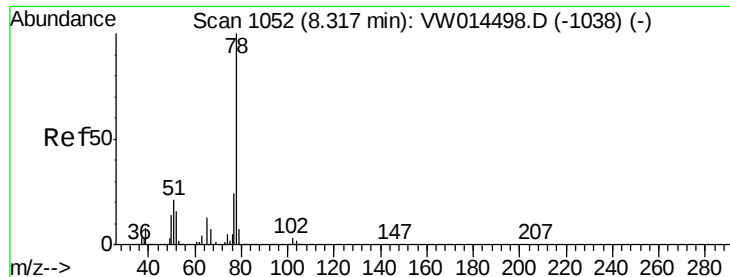


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.726 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

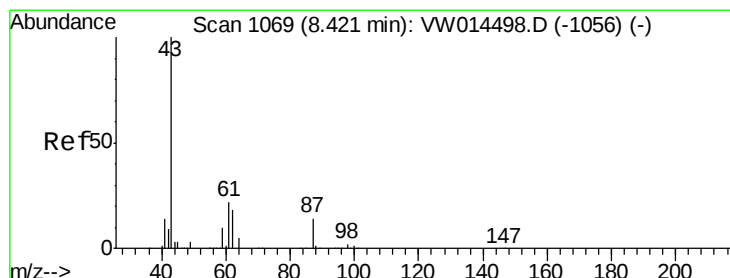
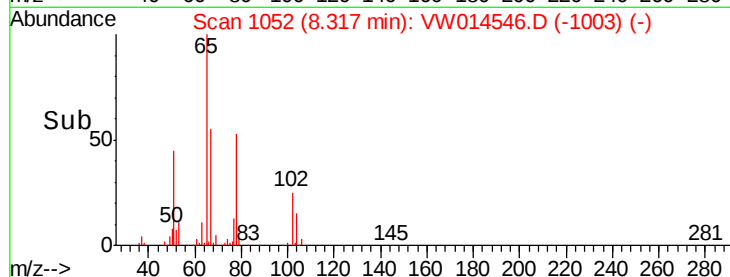
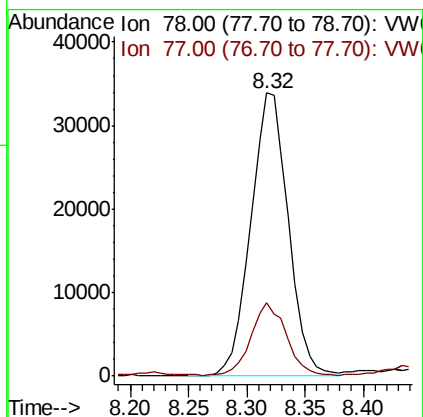
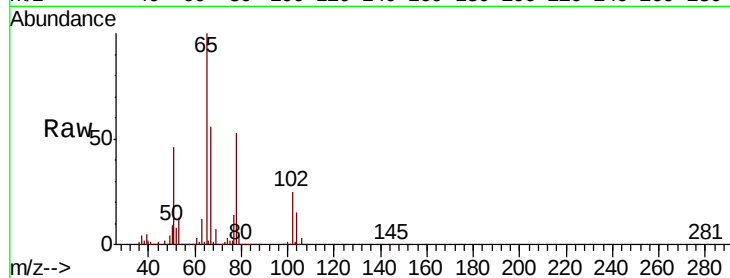
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 78 Resp: 76348

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9



#43

Isopropyl Acetate

Concen: 4.670 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

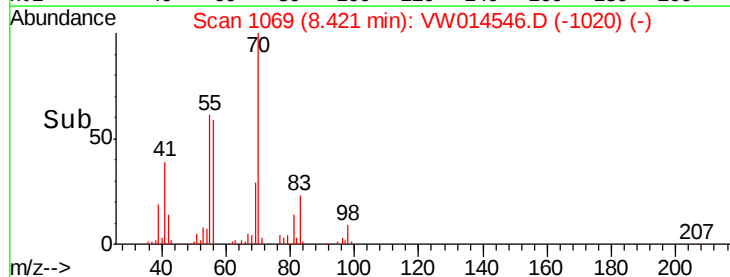
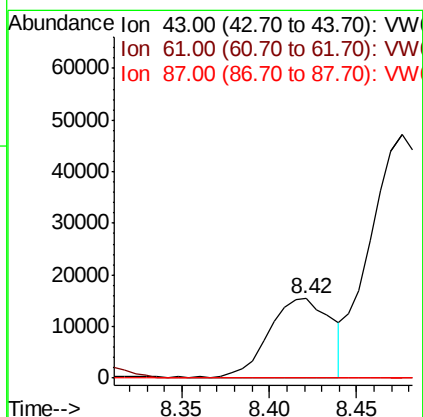
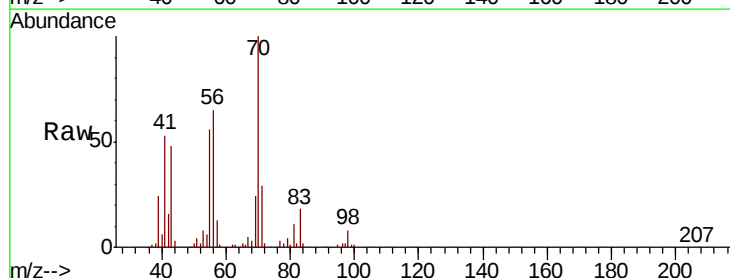
Tgt Ion: 43 Resp: 38068

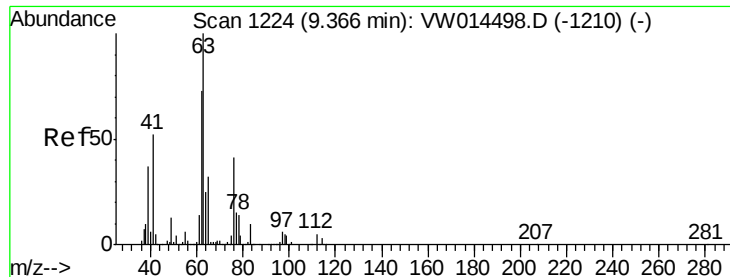
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 11.1 16.7#





#45

1,2-Dichloropropane

Concen: 1.690 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

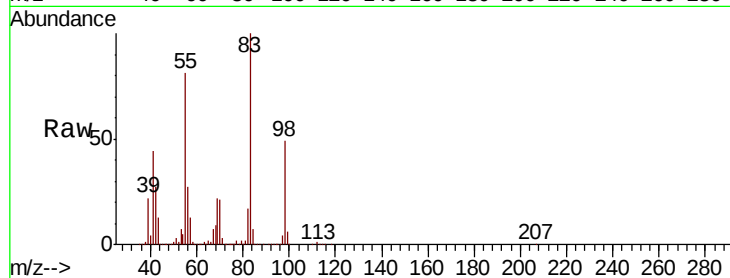
ClientSampleId :

Tot Ion: 63 Resp: 11617

Ion Ratio Lower Upper

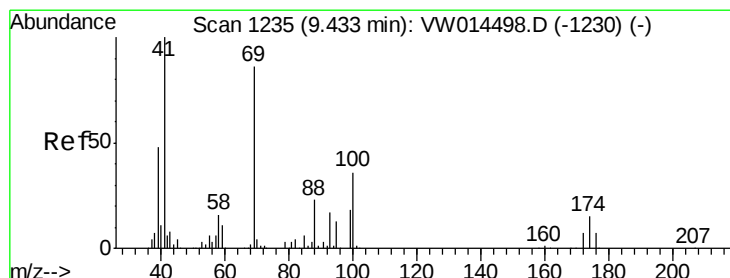
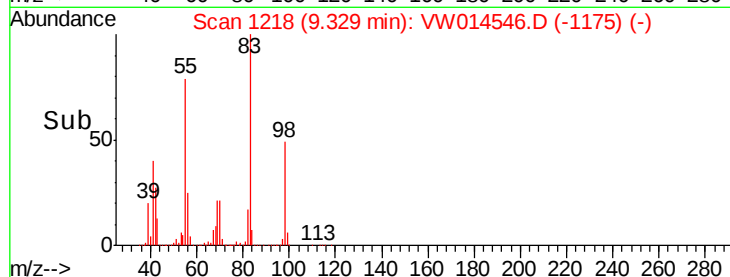
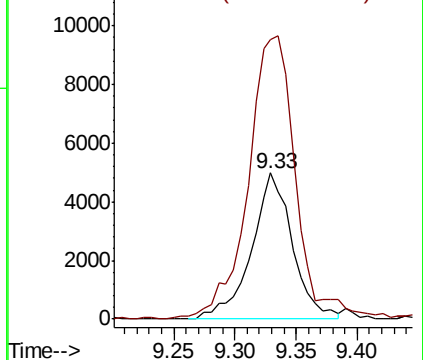
63 100

65 189.9 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#48

Methyl methacrylate

Concen: 12.370 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.08 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

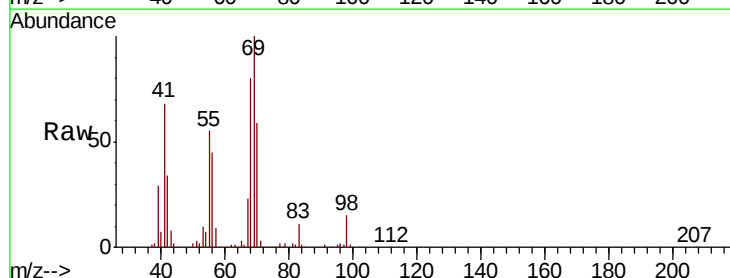
Tgt Ion: 41 Resp: 49232

Ion Ratio Lower Upper

41 100

69 154.4 68.3 102.5#

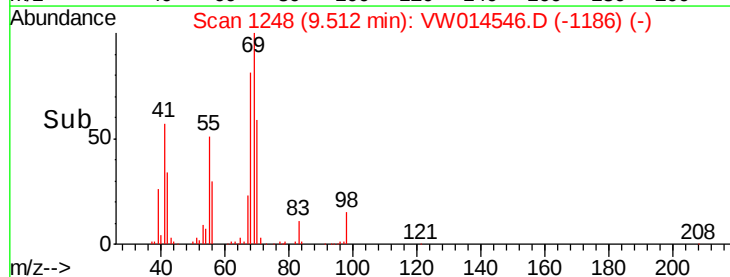
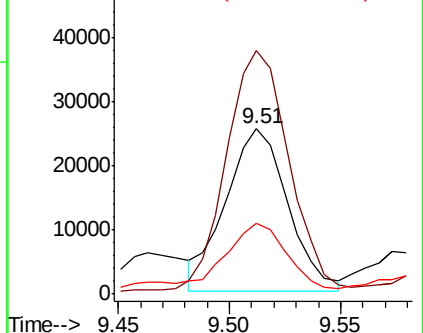
39 49.6 36.8 55.2

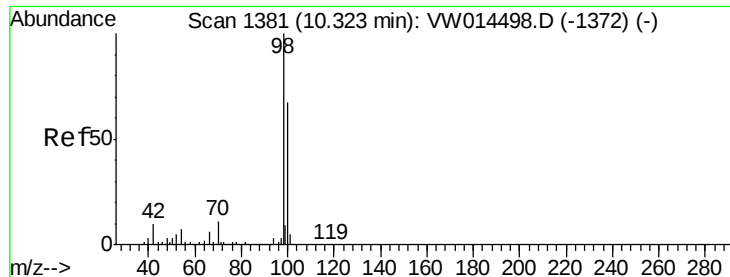


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 49.385 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

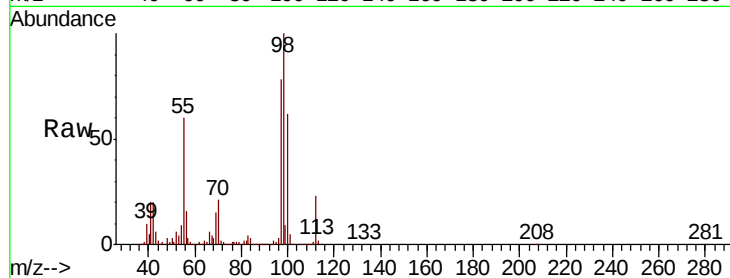
ClientSampleId :

Tot Ion: 98 Resp: 1209353

Ion Ratio Lower Upper

98 100

100 60.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

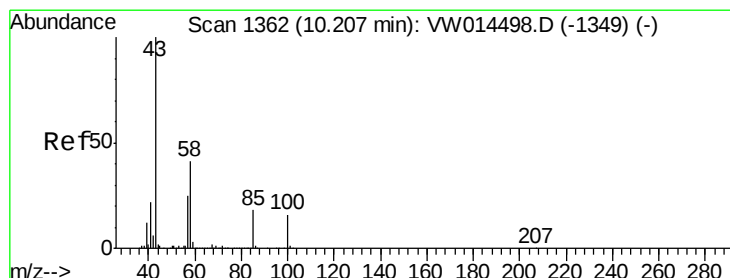
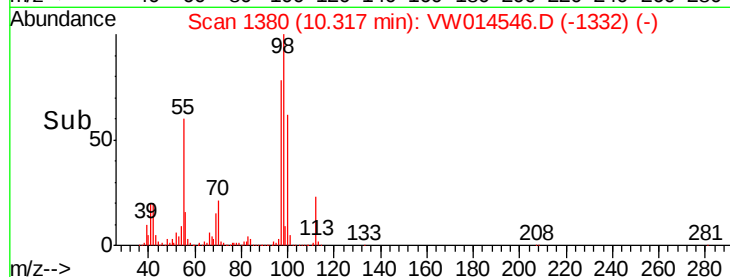
600000

400000

200000

0

Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 13.043 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW014546.D

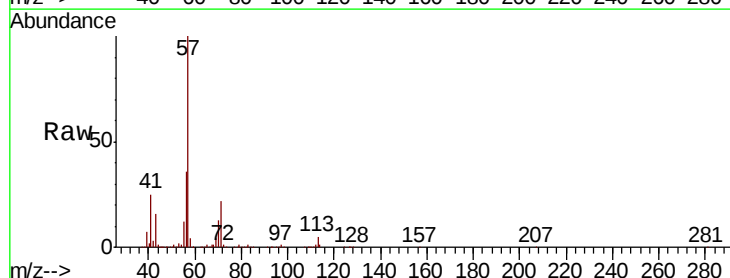
Acq: 07 Jan 2020 14:56

Tgt Ion: 43 Resp: 55214

Ion Ratio Lower Upper

43 100

58 31.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

60000

50000

40000

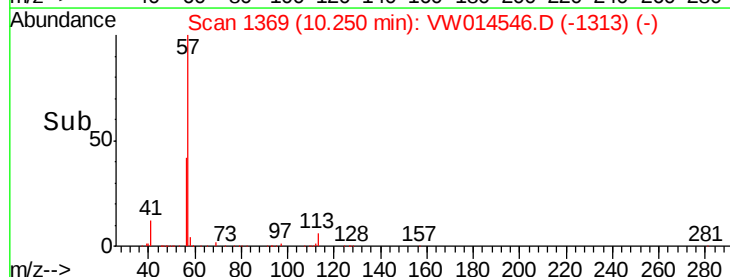
30000

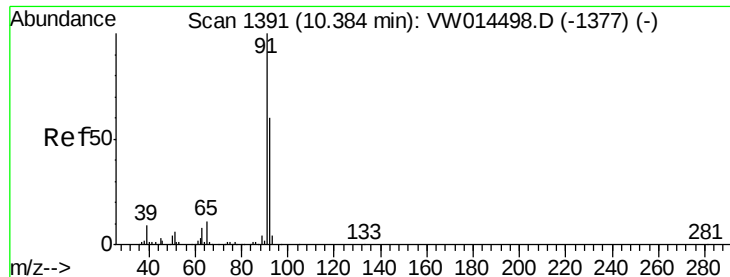
20000

10000

0

Time--> 10.15 10.20 10.25 10.30





#52

Toluene

Concen: 1.648 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

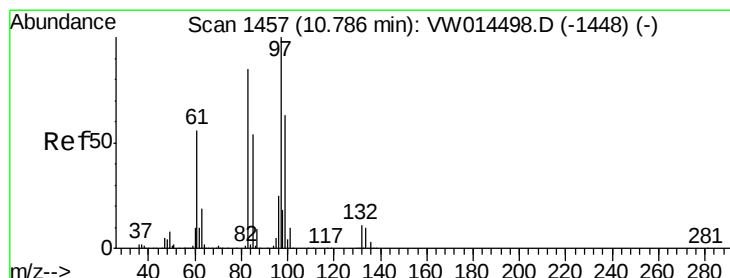
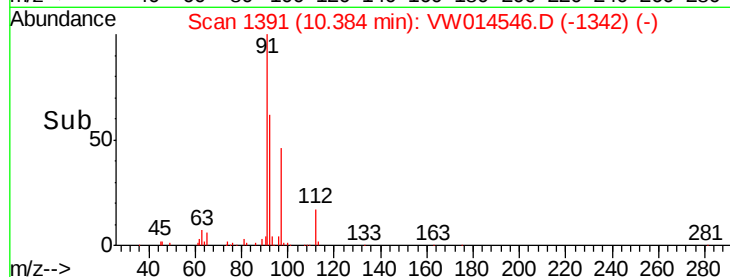
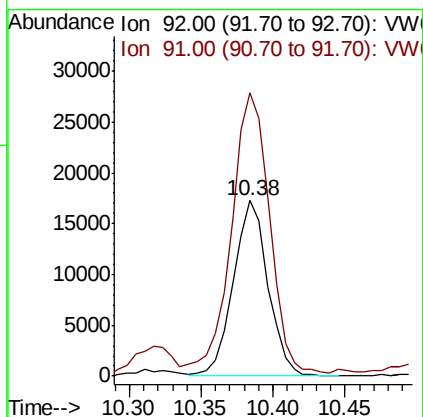
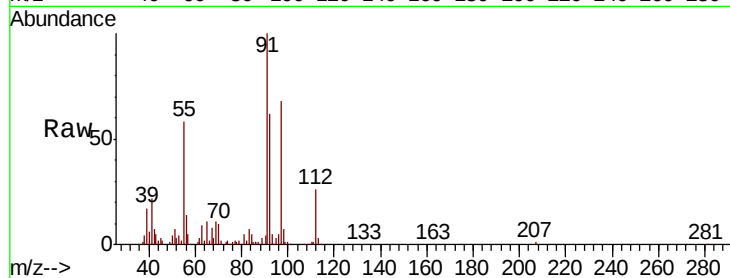
ClientSampleId :

Tot Ion: 92 Resp: 29038

Ion Ratio Lower Upper

92 100

91 175.9 134.1 201.1



#55

1,1,2-Trichloroethane

Concen: 72.970 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Tgt Ion: 97 Resp: 361550

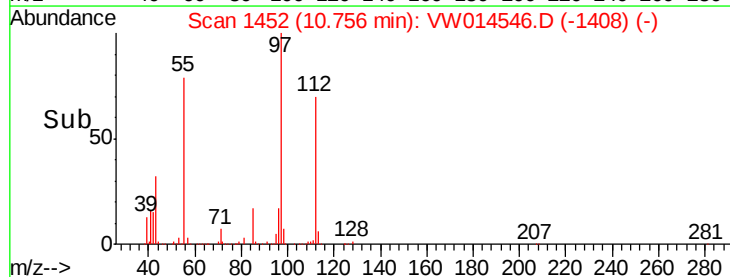
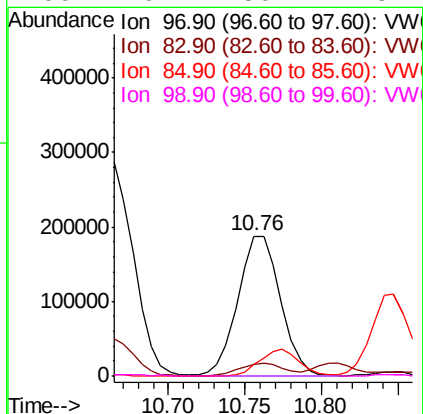
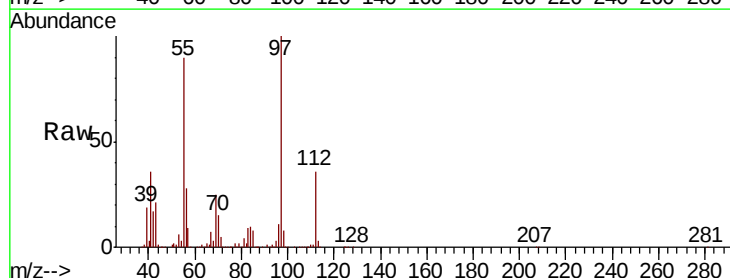
Ion Ratio Lower Upper

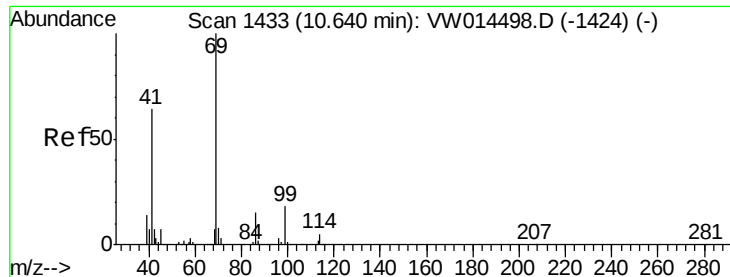
97 100

83 8.5 68.2 102.4#

85 8.2 43.0 64.4#

99 0.2 50.1 75.1#





#56

Ethyl methacrylate

Concen: 8.442 ug/l

RT: 10.62 min Scan# 1429

Delta R.T. -0.02 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

ClientSampled :

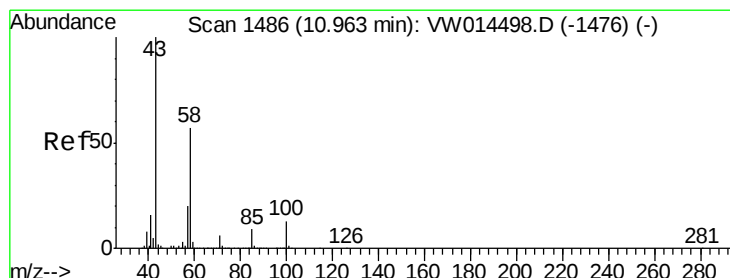
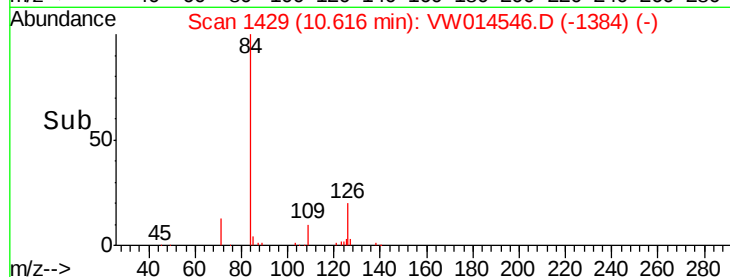
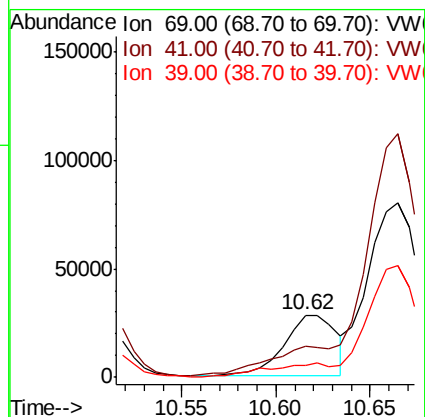
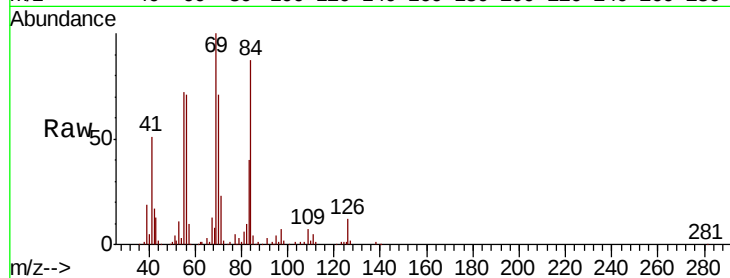
Tot Ion: 69 Resp: 54360

Ion Ratio Lower Upper

69 100

41 0.0 51.3 76.9#

39 0.0 21.0 31.6#



#59

2-Hexanone

Concen: 295.588 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.03 min

Lab File: VW014546.D

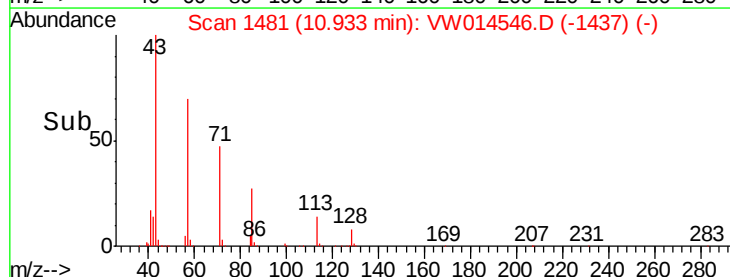
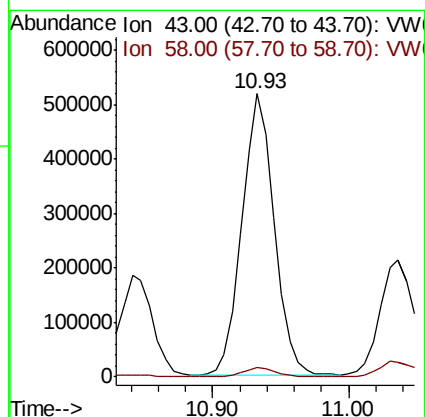
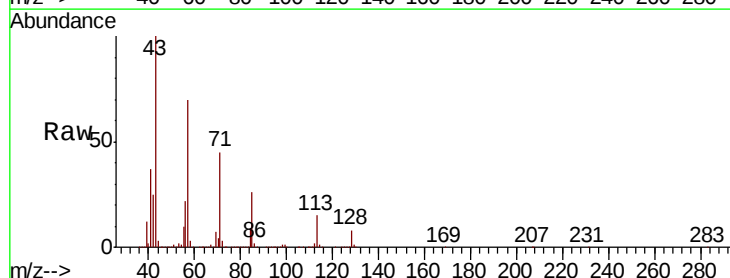
Acq: 07 Jan 2020 14:56

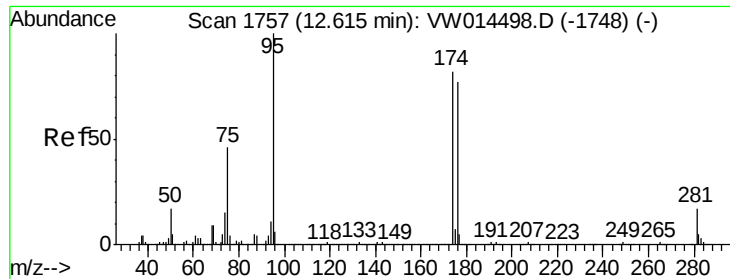
Tgt Ion: 43 Resp: 862240

Ion Ratio Lower Upper

43 100

58 3.3 28.7 86.3#

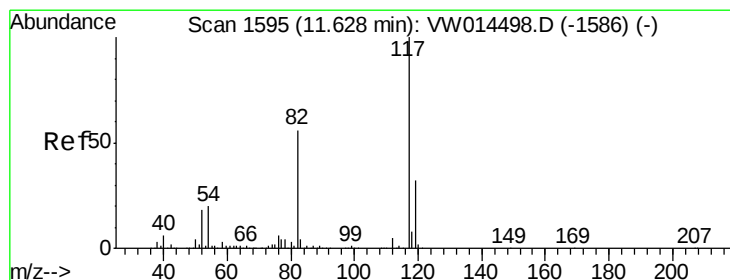
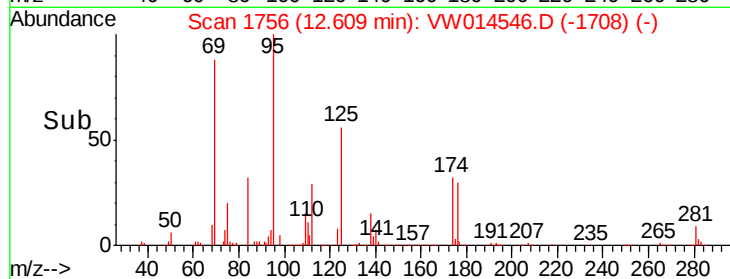
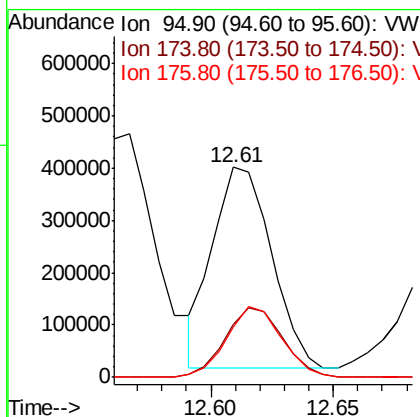
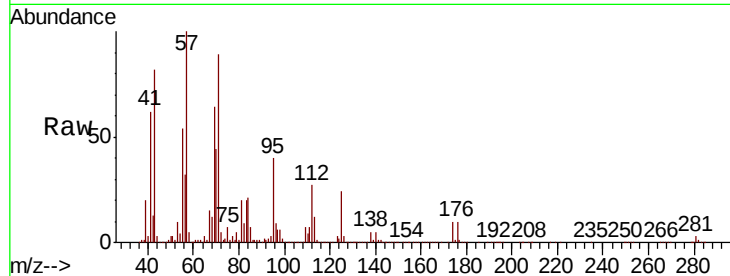




#62
4-Bromofluorobenzene
Concen: 77.839 ug/l
RT: 12.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

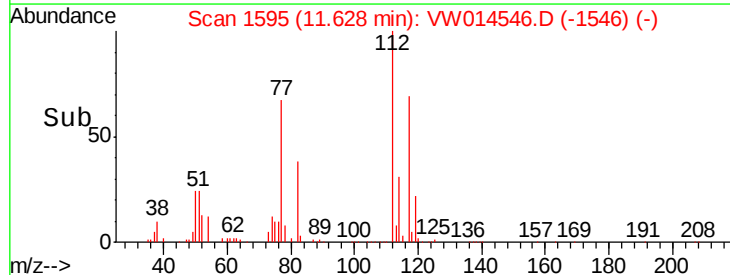
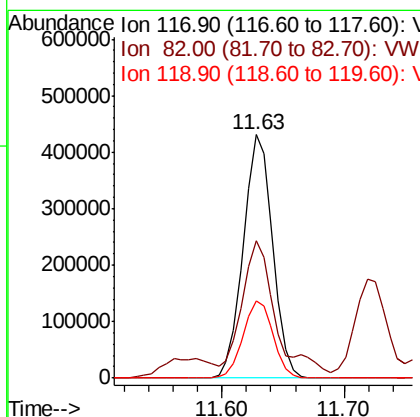
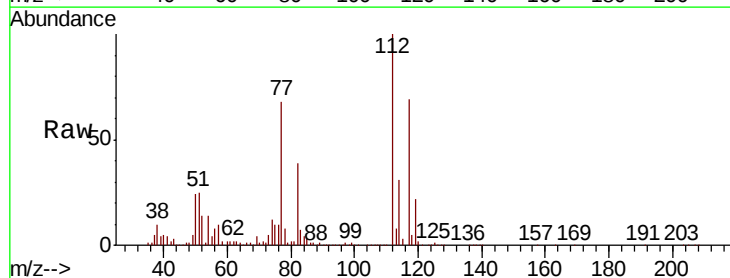
Instrument :
MSVOA_W
ClientSampled :

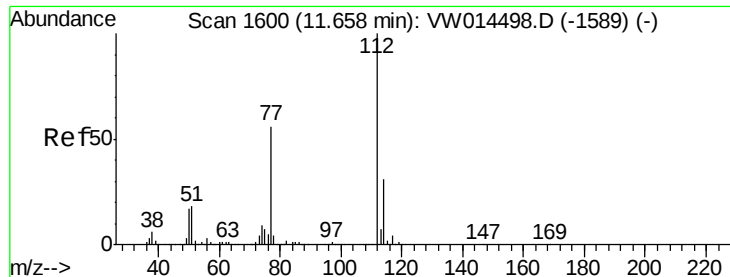
Tot Ion: 95 Resp: 646534
Ion Ratio Lower Upper
95 100
174 34.0 0.0 168.6
176 33.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion: 117 Resp: 719317
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 31.5 25.7 38.5

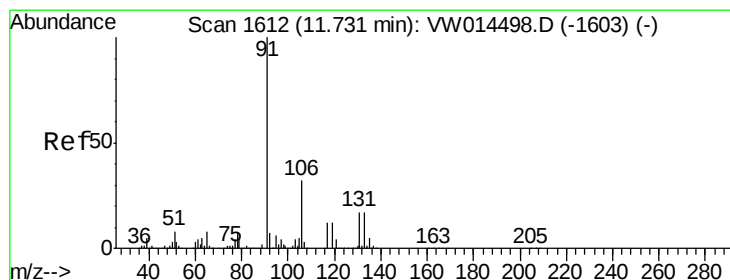
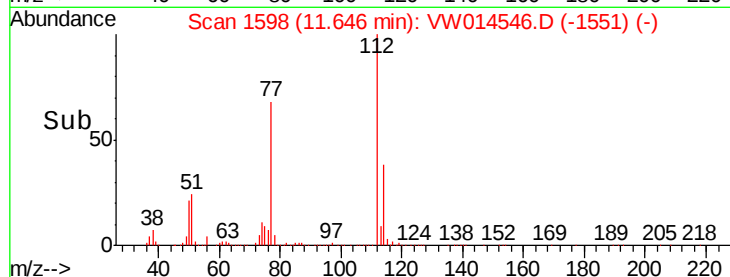
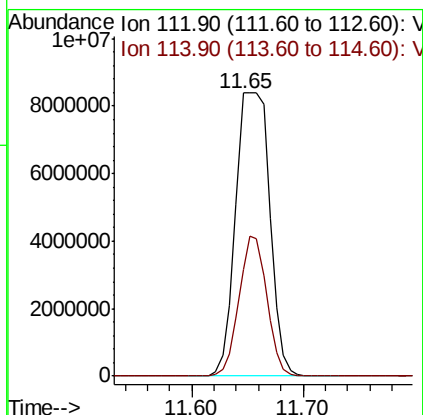
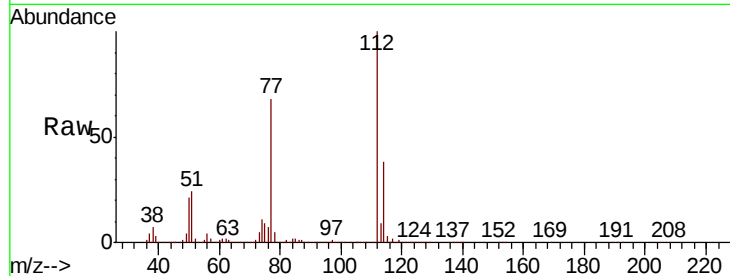




#65
Chlorobenzene
Concen: 1211.294 ug/l
RT: 11.65 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

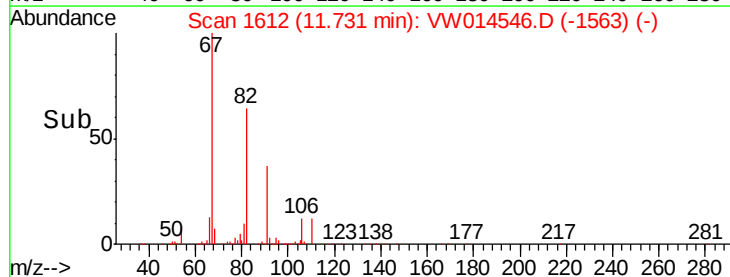
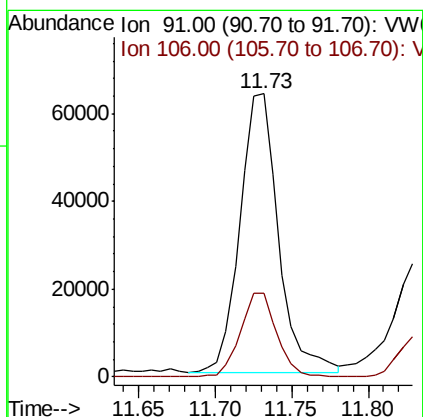
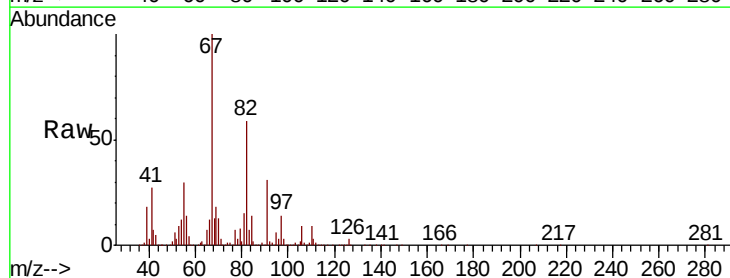
Instrument :
MSVOA_W
ClientSampled :

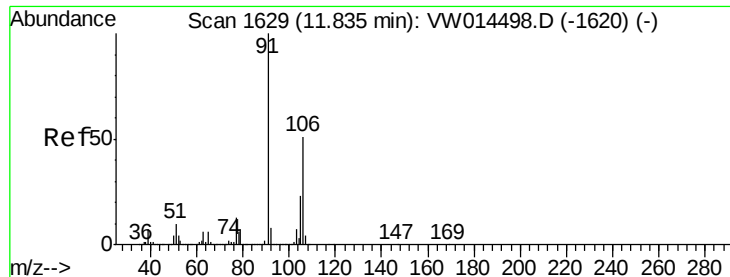
Tot Ion:112 Resp:17850347
Ion Ratio Lower Upper
112 100
114 37.6 24.6 37.0#



#67
Ethyl Benzene
Concen: 4.191 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion: 91 Resp: 111308
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3

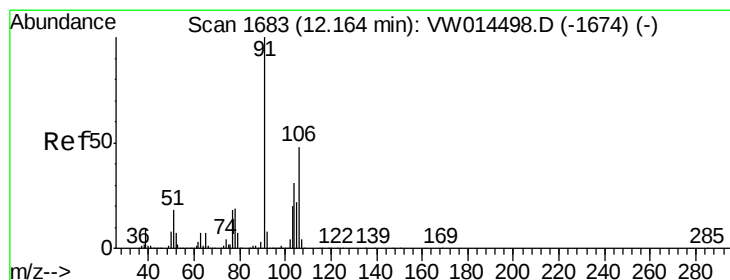
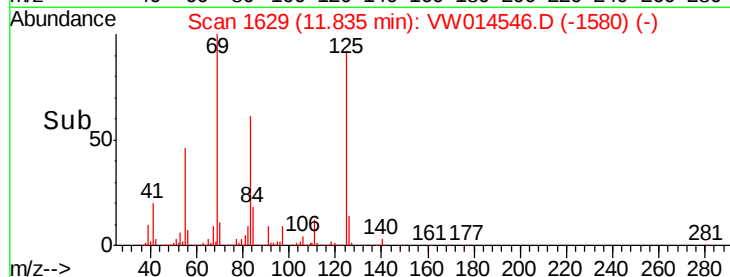
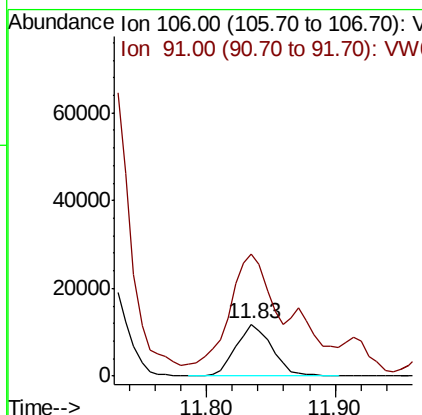
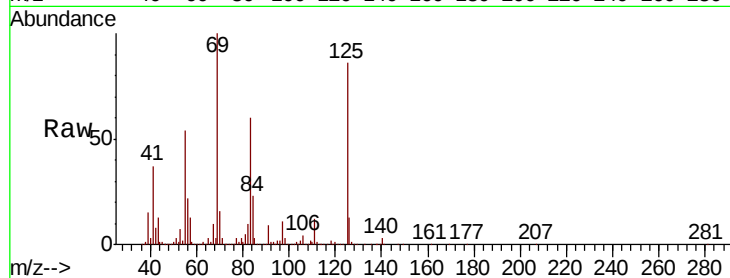




#68
m/p-Xylenes
Concen: 2.191 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

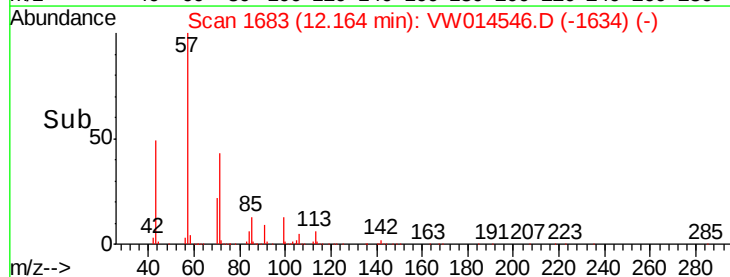
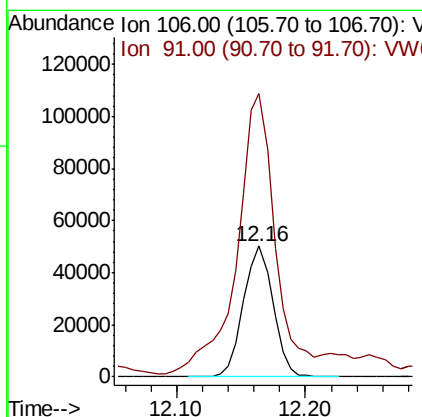
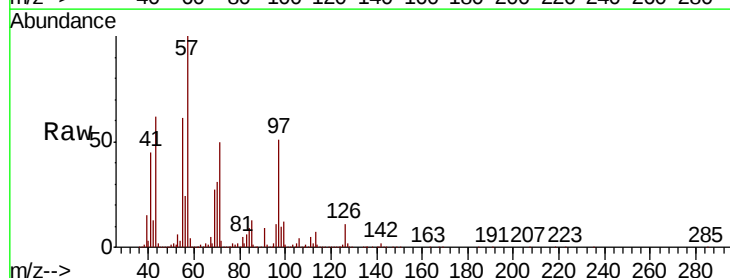
Instrument :
MSVOA_W
ClientSampled :

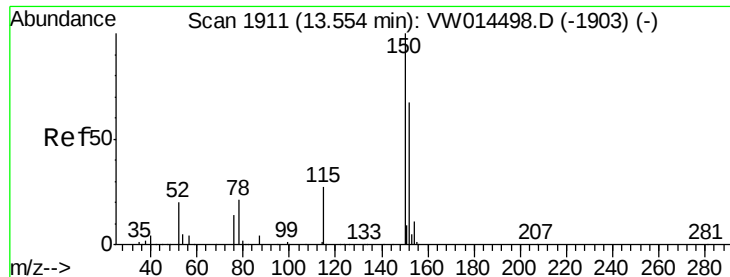
Tot Ion:106 Resp: 22268
Ion Ratio Lower Upper
106 100
91 247.7 159.0 238.6#



#69
o-Xylene
Concen: 8.550 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion:106 Resp: 80278
Ion Ratio Lower Upper
106 100
91 271.2 105.2 315.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

ClientSampleId :

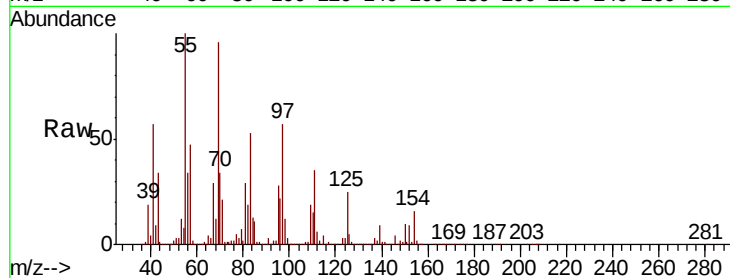
Tot Ion:152 Resp: 620799

Ion Ratio Lower Upper

152 100

115 19.0 27.7 83.1#

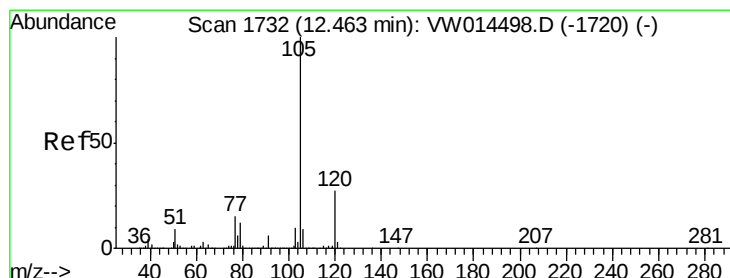
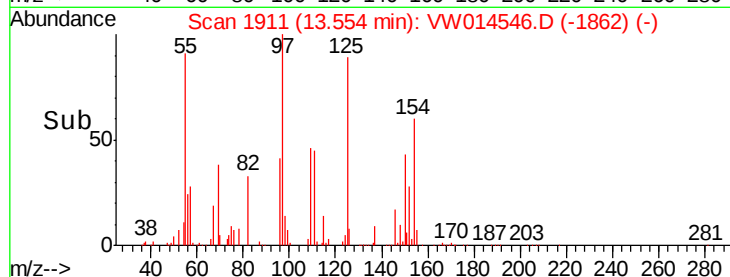
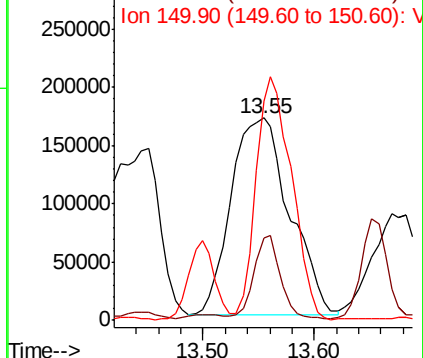
150 74.3 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 13.535 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014546.D

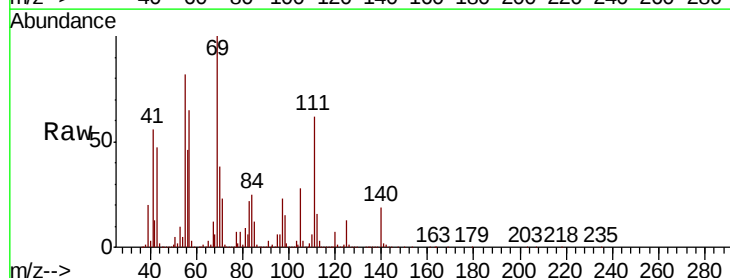
Acq: 07 Jan 2020 14:56

Tgt Ion:105 Resp: 616523

Ion Ratio Lower Upper

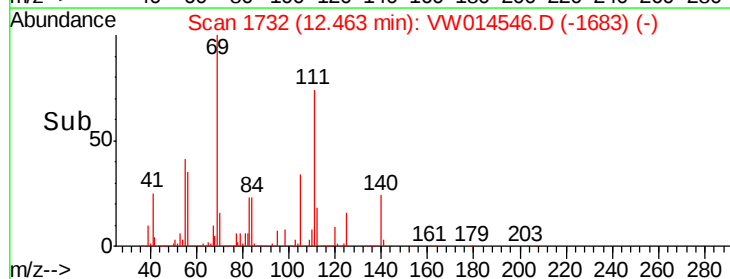
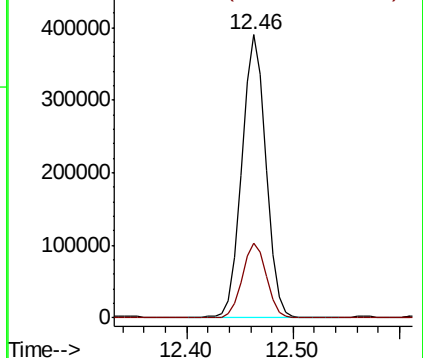
105 100

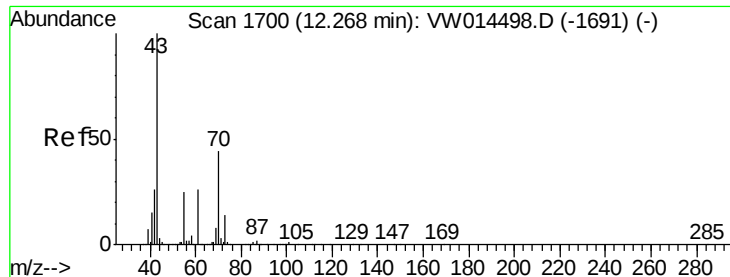
120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 759.386 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

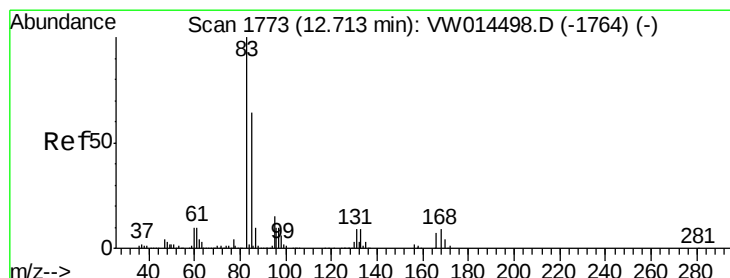
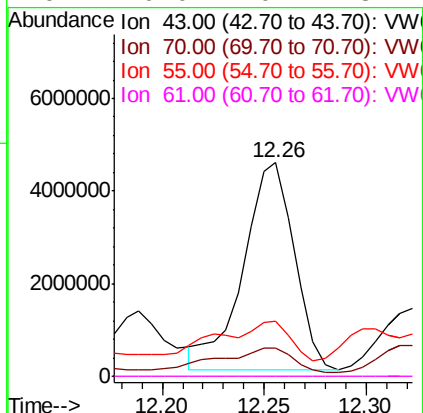
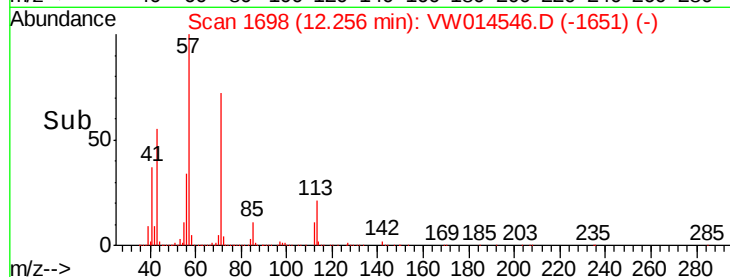
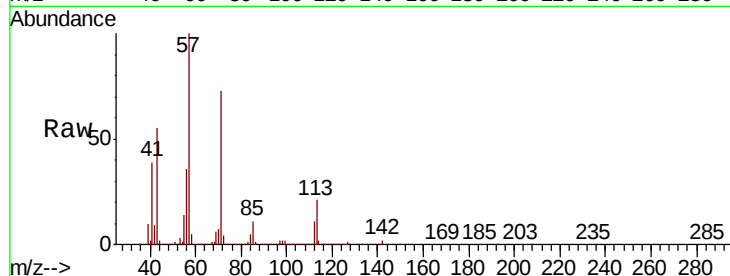
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 7755983

Ion	Ratio	Lower	Upper
43	100		
70	17.5	36.5	54.7#
55	33.0	20.9	31.3#
61	0.0	20.7	31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 79.156 ug/l

RT: 12.69 min Scan# 1769

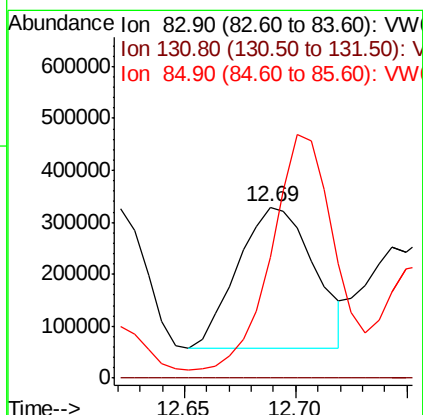
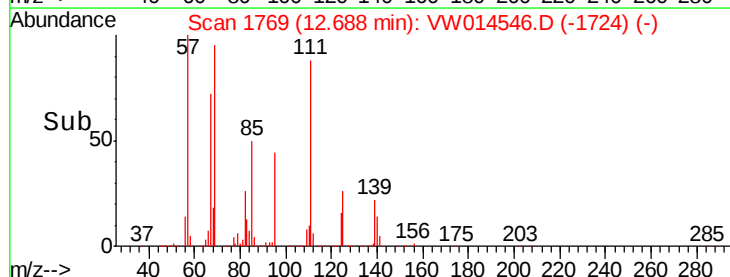
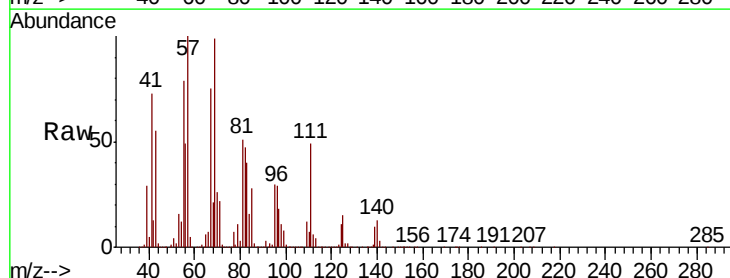
Delta R.T. -0.02 min

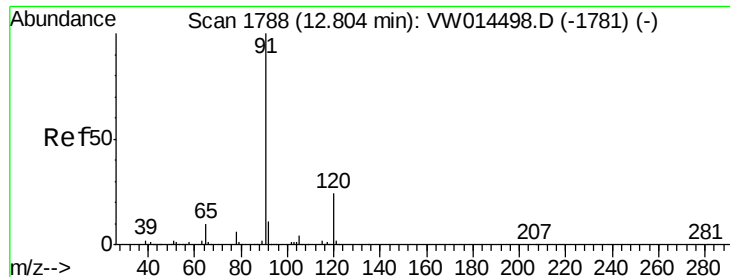
Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Tgt Ion: 83 Resp: 650802

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	31.9	95.7#





#78

n-propylbenzene

Concen: 8.526 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

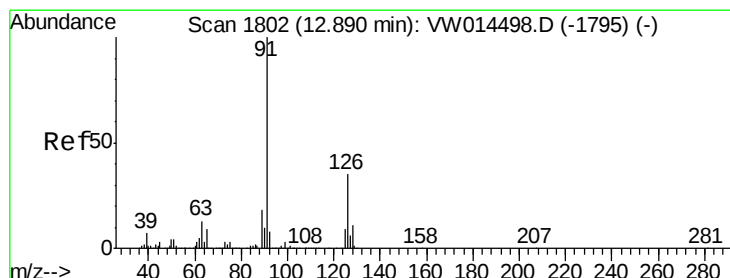
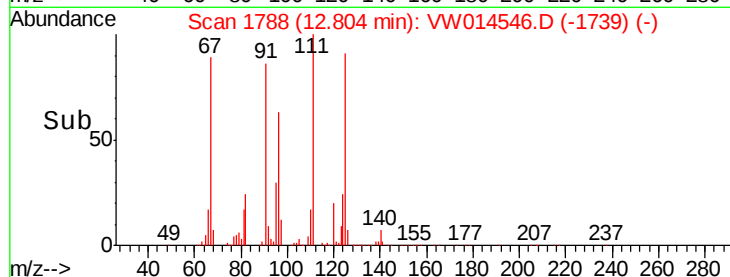
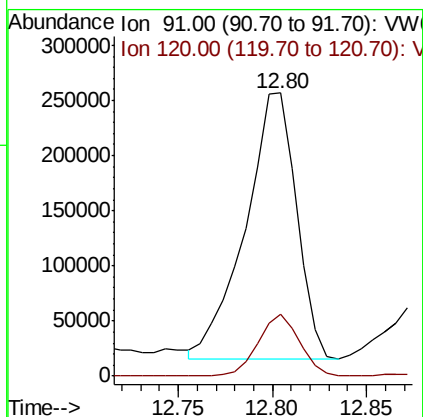
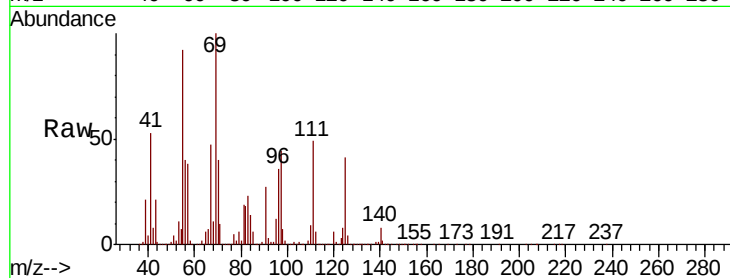
ClientSampled :

Tot Ion: 91 Resp: 456688

Ion Ratio Lower Upper

91 100

120 18.7 11.7 35.1



#79

2-Chlorotoluene

Concen: 8.764 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014546.D

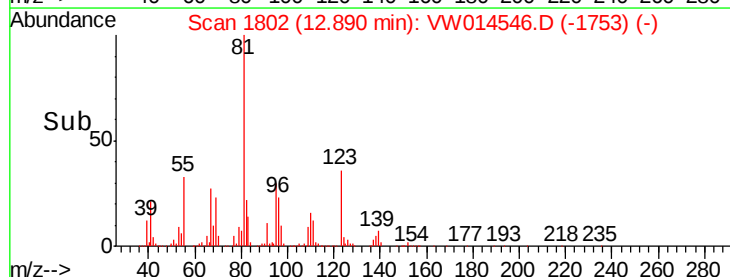
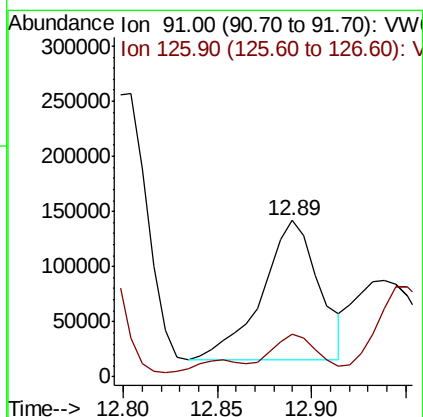
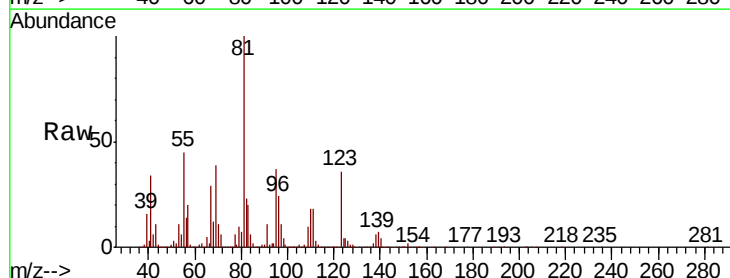
Acq: 07 Jan 2020 14:56

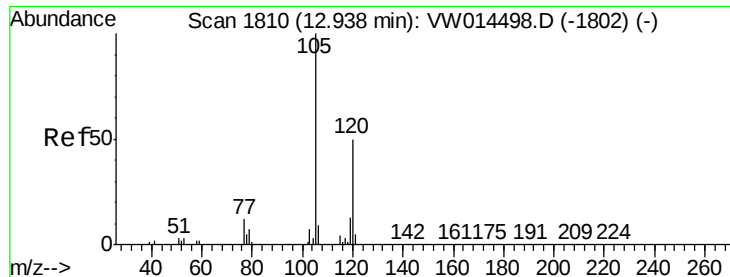
Tgt Ion: 91 Resp: 267138

Ion Ratio Lower Upper

91 100

126 15.2 17.1 51.2#

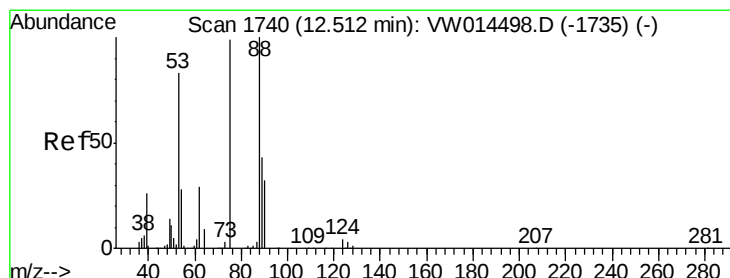
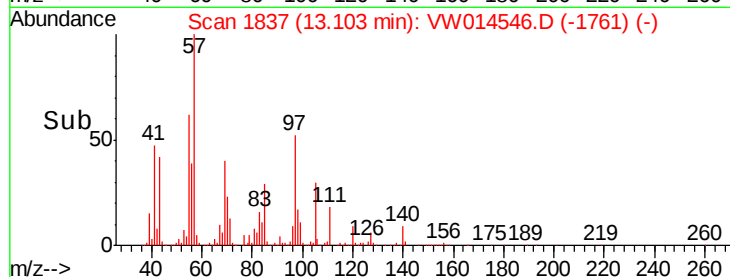
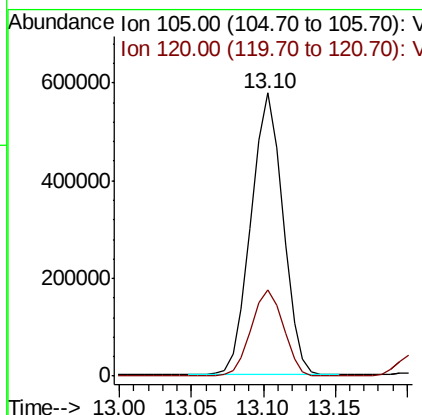
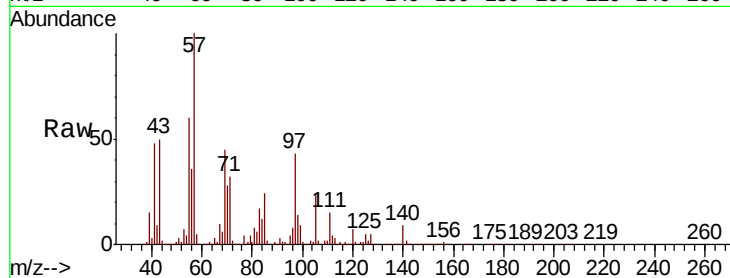




#80
 1,3,5-Trimethylbenzene
 Concen: 23.259 ug/l
 RT: 13.10 min Scan# 1837
 Delta R.T. 0.16 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

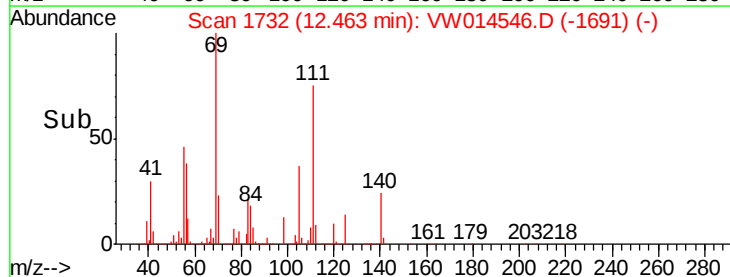
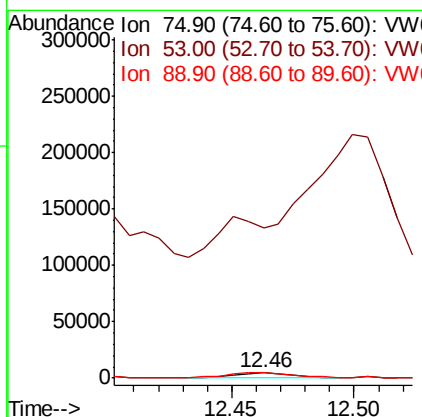
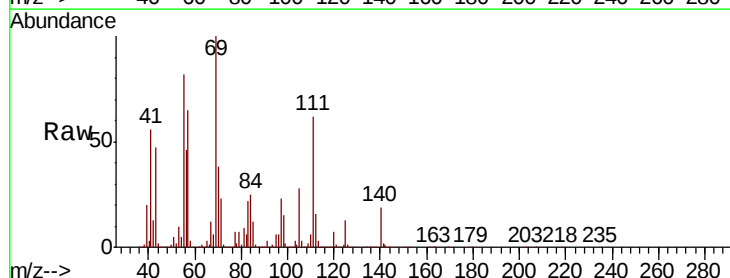
Instrument :
 MSVOA_W
 ClientSampleId :

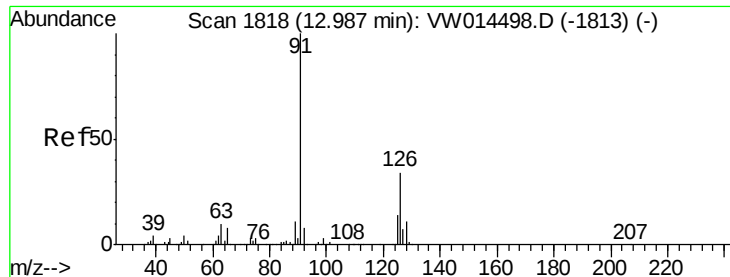
Tot Ion: 105 Resp: 889568
 Ion Ratio Lower Upper
 105 100
 120 31.0 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.598 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

Tgt Ion: 75 Resp: 6845
 Ion Ratio Lower Upper
 75 100
 53 2026.8 70.9 106.3#
 89 113.6 35.8 53.8#

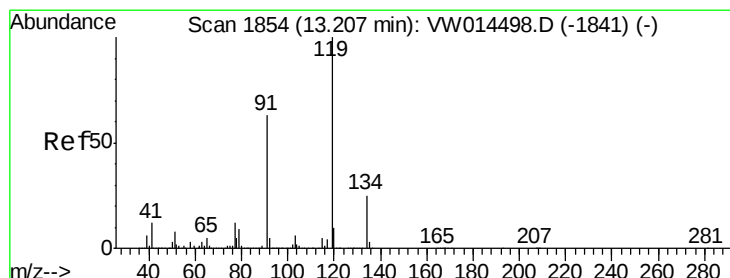
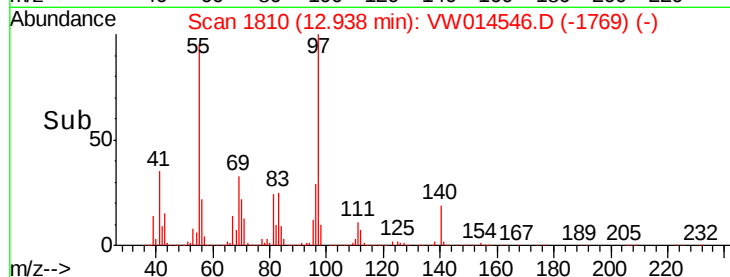
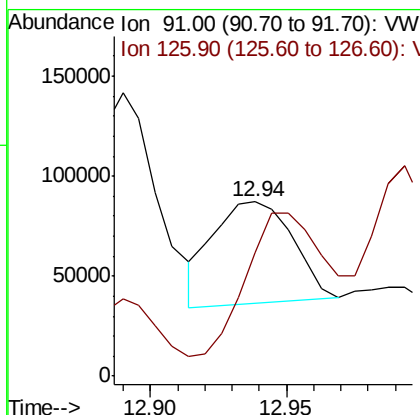
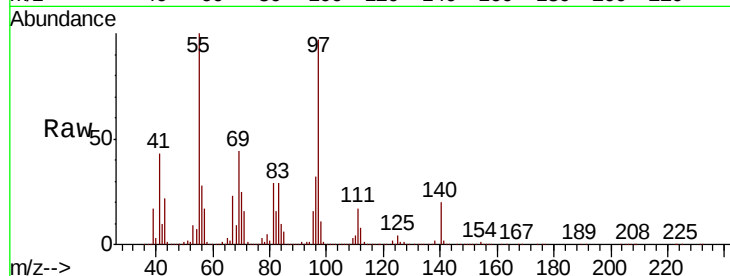




#82
4-Chlorotoluene
Concen: 3.262 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.05 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

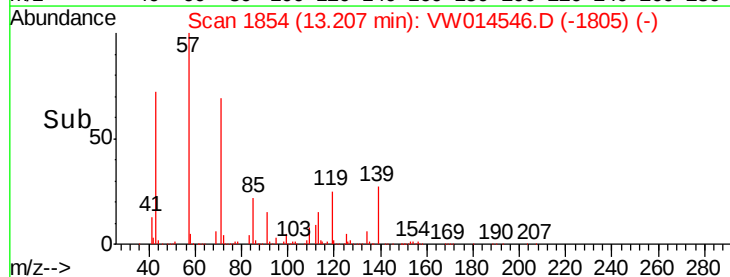
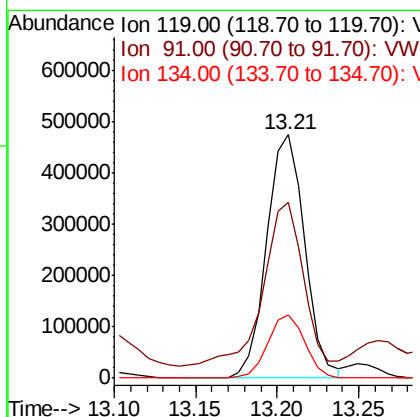
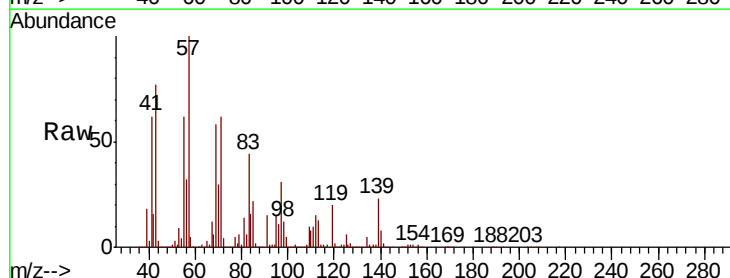
Instrument :
MSVOA_W
ClientSampled :

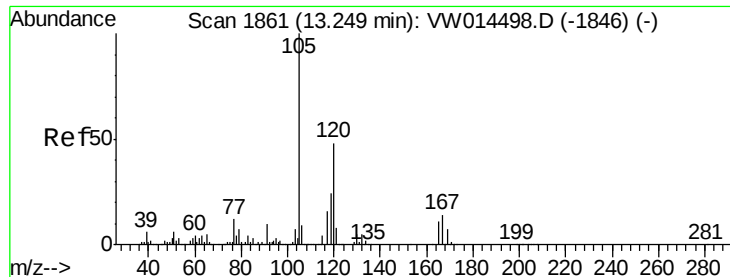
Tot Ion: 91 Resp: 103288
Ion Ratio Lower Upper
91 100
126 137.9 17.1 51.2#



#83
tert-Butylbenzene
Concen: 22.742 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion: 119 Resp: 761520
Ion Ratio Lower Upper
119 100
91 71.1 31.1 93.3
134 25.3 13.5 40.5



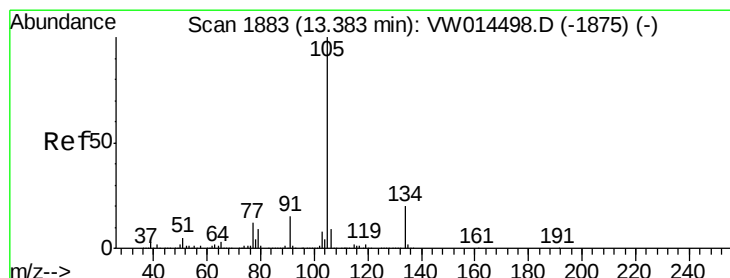
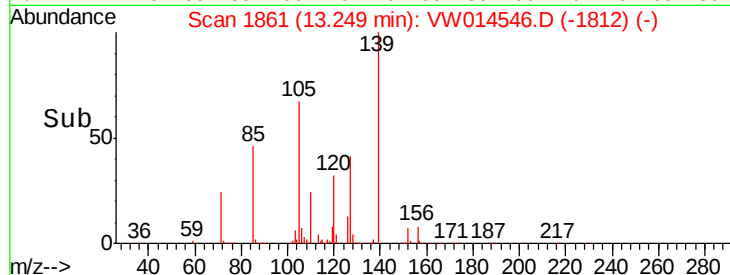
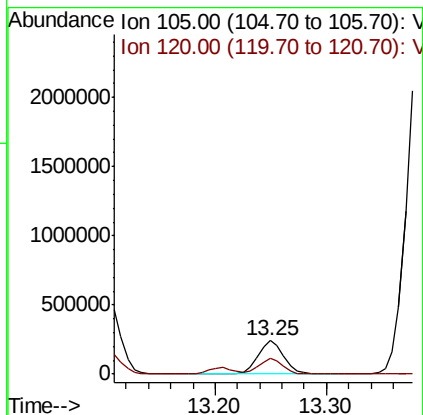
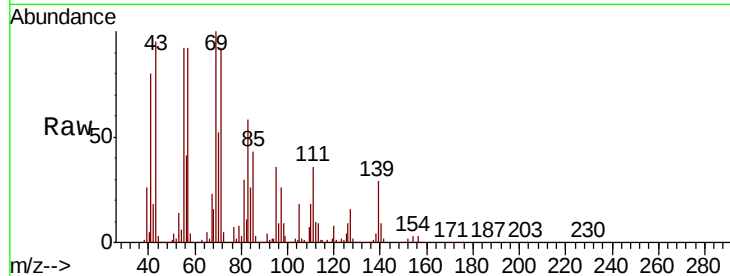


#84

1,2,4-Trimethylbenzene
Concen: 10.047 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Instrument :
MSVOA_W
ClientSampled :

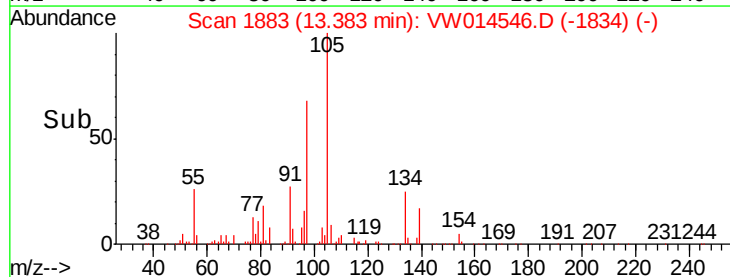
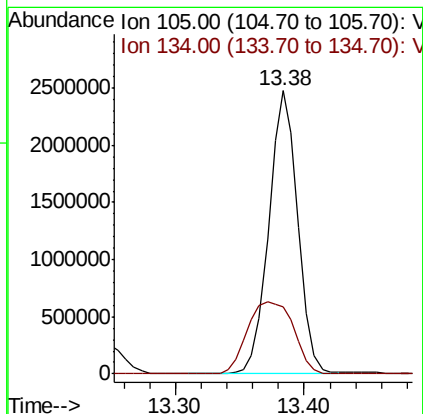
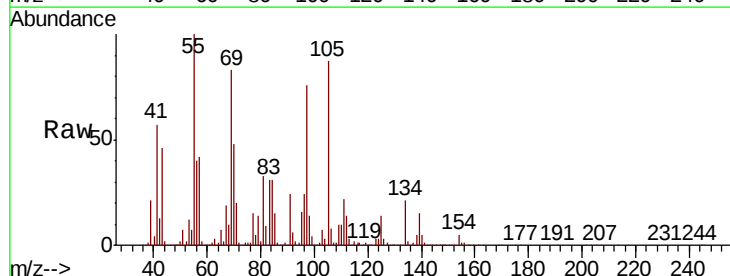
Tot Ion:105 Resp: 382400
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.0

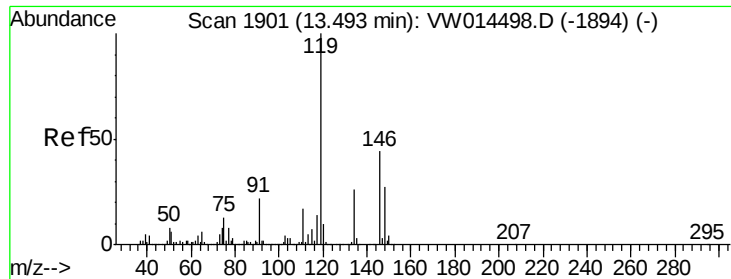


#85

sec-Butylbenzene
Concen: 82.778 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion:105 Resp: 3836762
Ion Ratio Lower Upper
105 100
134 41.0 10.2 30.6#

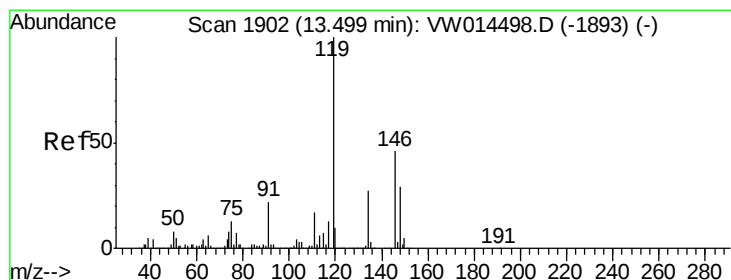
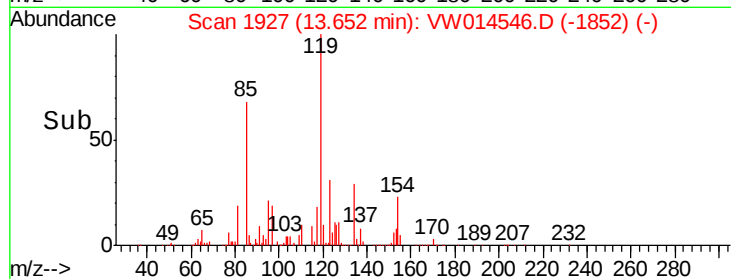
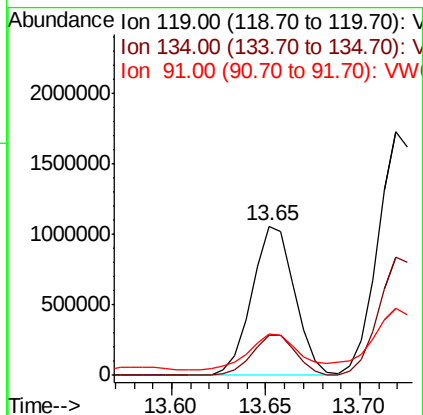
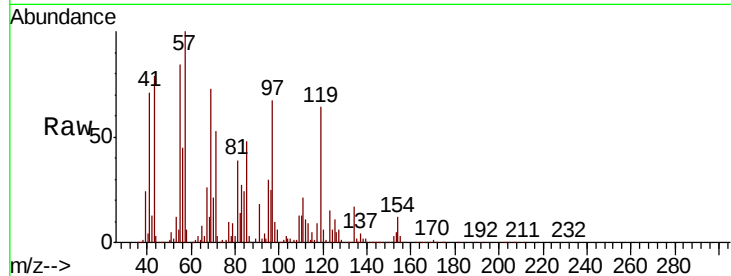




#86
 p-Isopropyltoluene
 Concen: 39.364 ug/l
 RT: 13.65 min Scan# 1927
 Delta R.T. 0.16 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

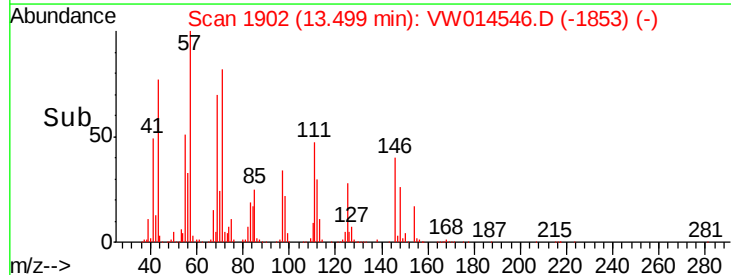
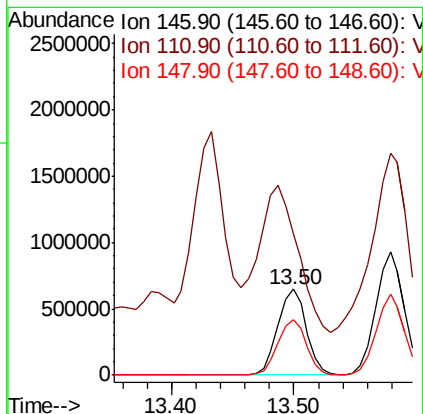
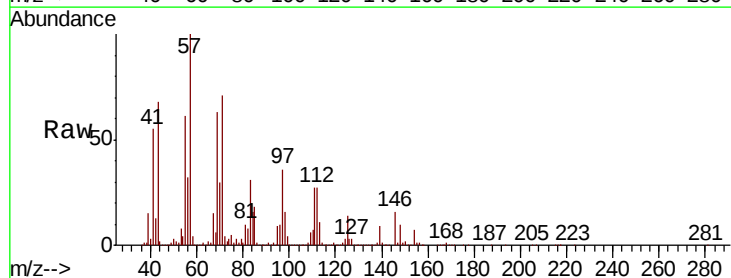
Instrument :
 MSVOA_W
 ClientSampleId :

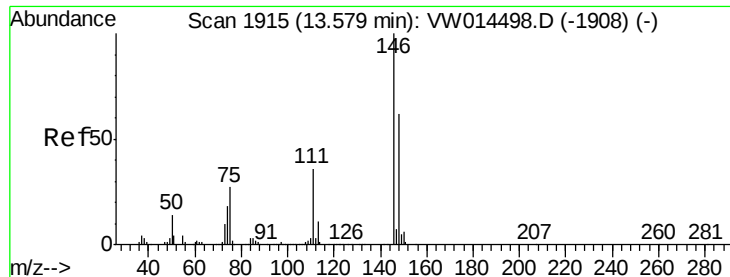
Tot Ion:119 Resp: 1663035
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 28.2 11.1 33.3



#87
 1,3-Dichlorobenzene
 Concen: 51.219 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

Tgt Ion:146 Resp: 1053715
 Ion Ratio Lower Upper
 146 100
 111 230.9 19.3 57.9#
 148 64.8 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 73.545 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

ClientSampled :

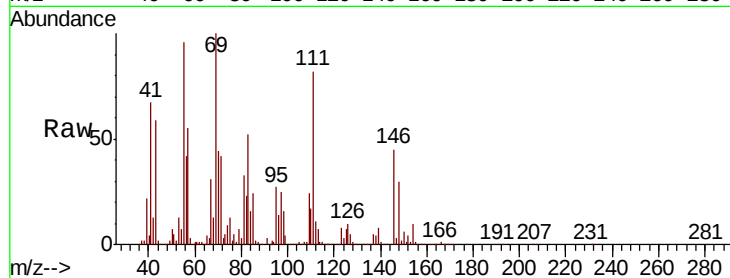
Tot Ion:146 Resp: 1493743

Ion Ratio Lower Upper

146 100

111 177.7 18.7 56.1#

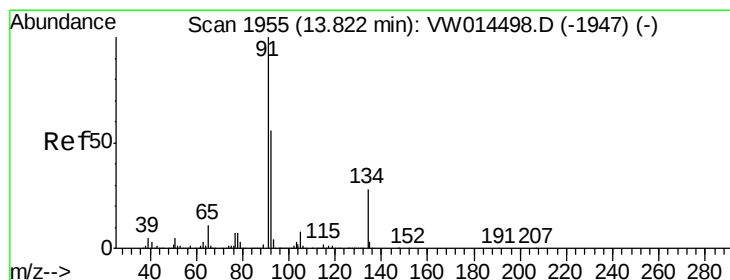
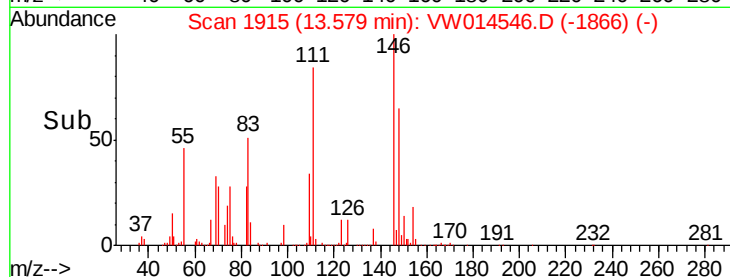
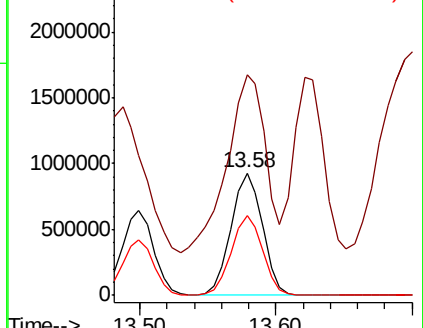
148 64.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 112.610 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

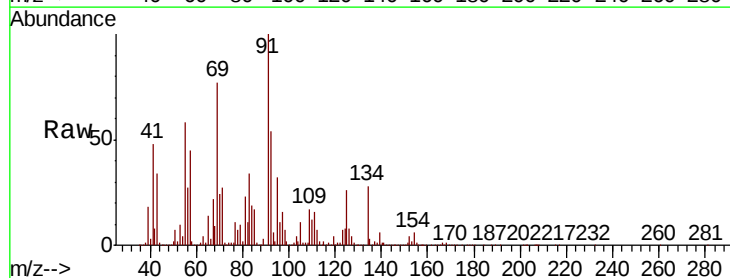
Tgt Ion: 91 Resp: 4417974

Ion Ratio Lower Upper

91 100

92 51.1 27.5 82.5

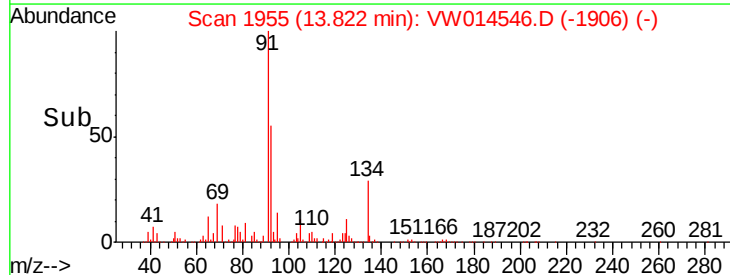
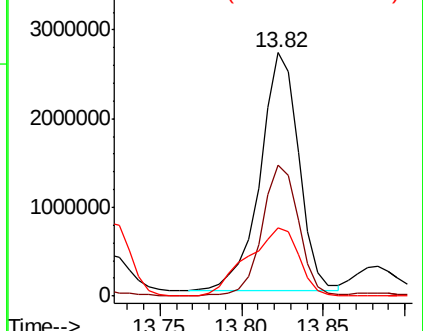
134 38.0 13.7 41.1

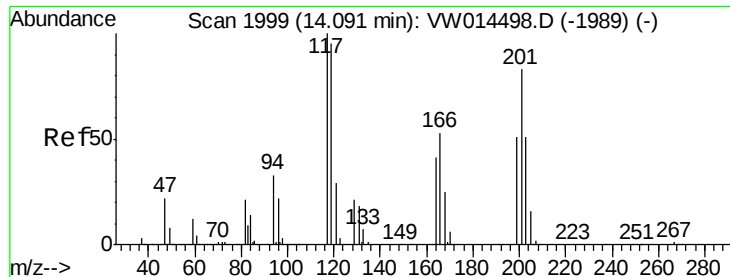


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

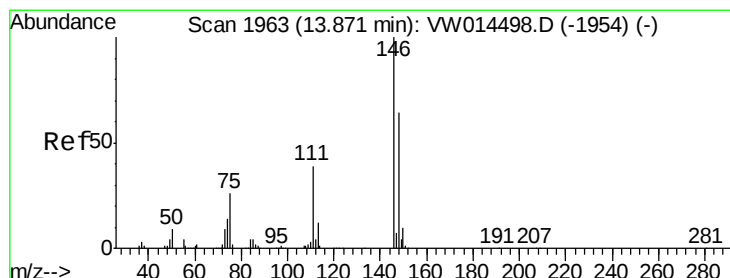
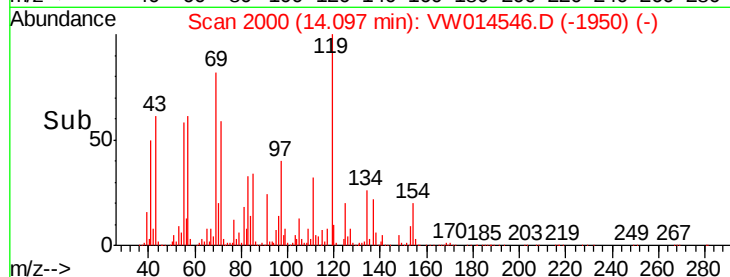
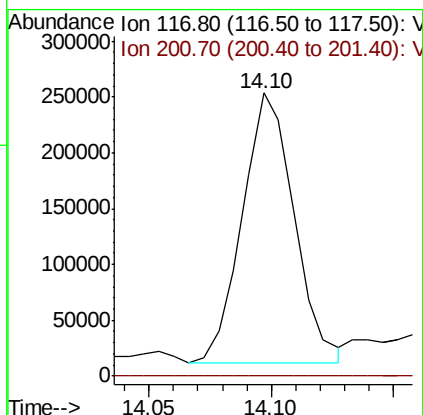
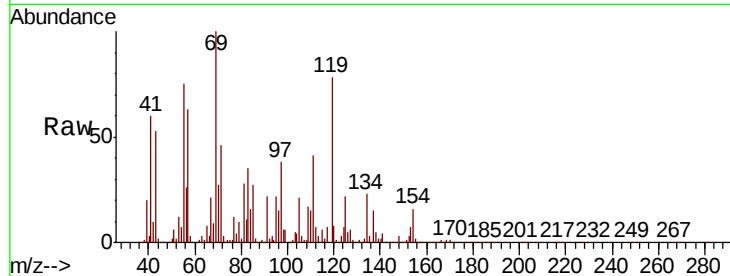




#90
Hexachloroethane
Concen: 47.996 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

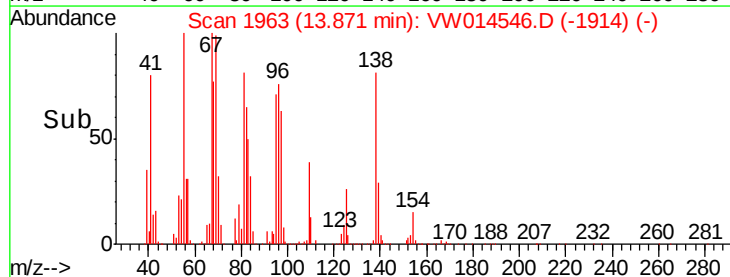
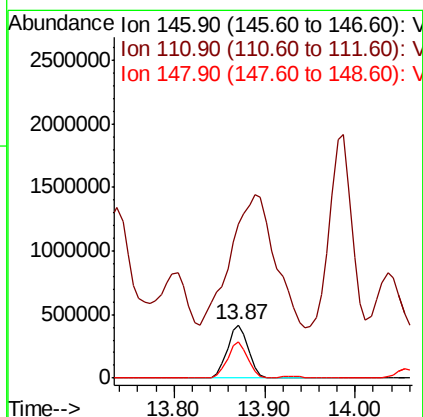
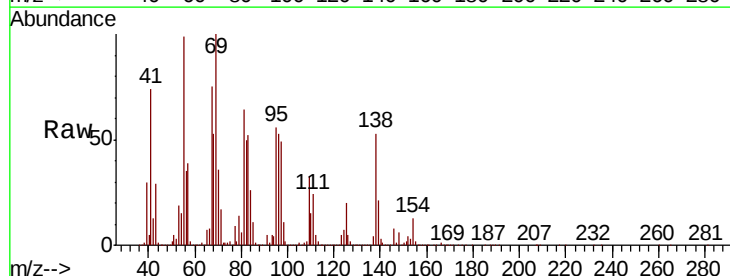
Instrument :
MSVOA_W
ClientSampled :

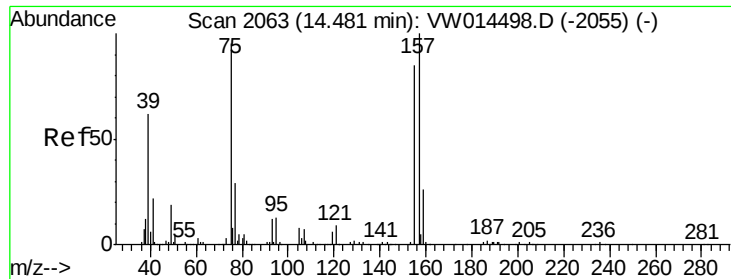
Tot Ion:117 Resp: 354230
Ion Ratio Lower Upper
117 100
201 0.1 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 37.424 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW014546.D
Acq: 07 Jan 2020 14:56

Tgt Ion:146 Resp: 676698
Ion Ratio Lower Upper
146 100
111 658.1 20.4 61.3#
148 65.8 32.3 96.8

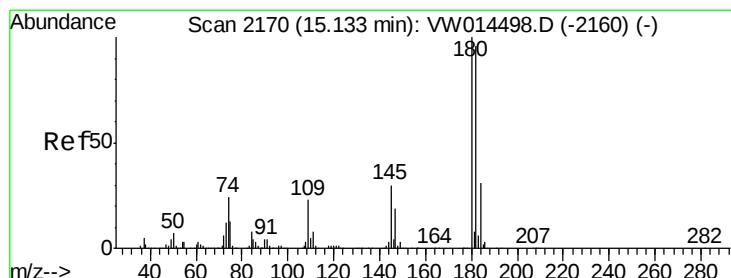
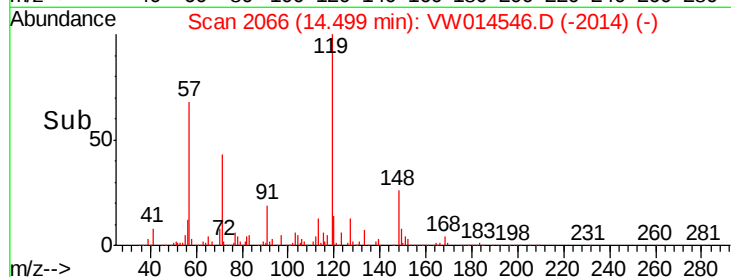
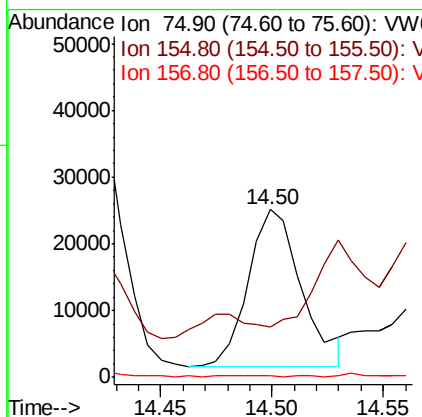
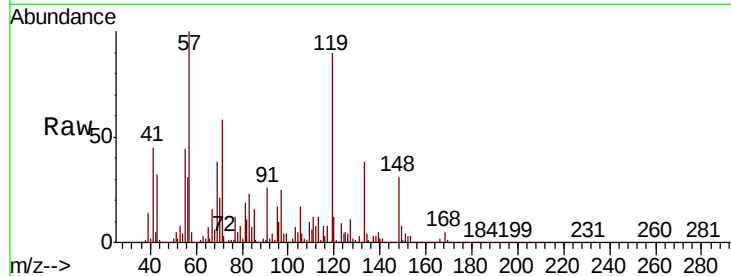




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 30.260 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

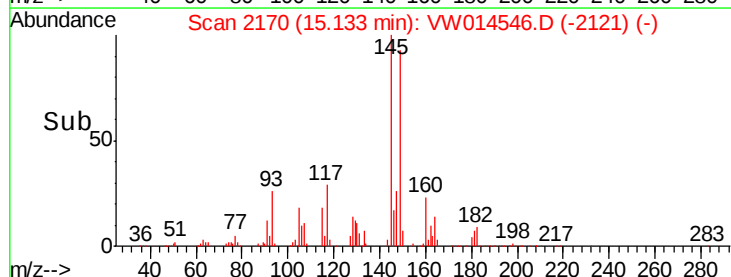
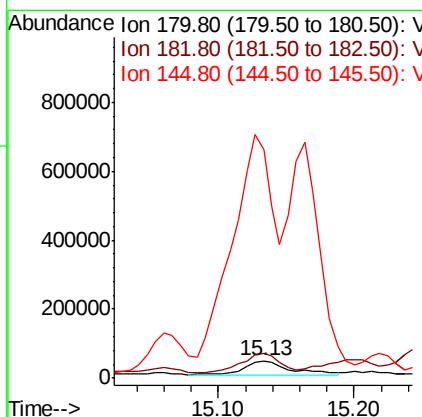
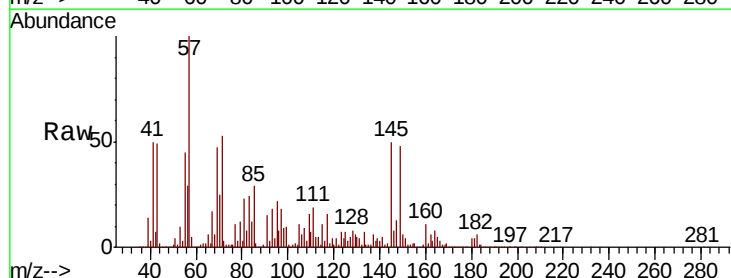
Instrument :
 MSVOA_W
 ClientSampleId :

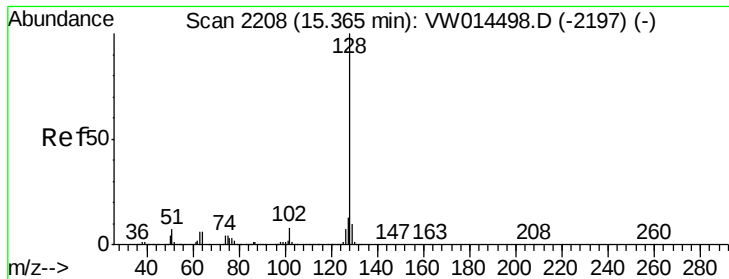
Tot Ion: 75 Resp: 39398
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 1.1 58.1 174.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 7.314 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014546.D
 Acq: 07 Jan 2020 14:56

Tgt Ion: 180 Resp: 89313
 Ion Ratio Lower Upper
 180 100
 182 125.7 47.3 141.8
 145 1751.0 14.7 44.1#





#95

Naphthalene

Concen: 7.622 ug/l

RT: 15.33 min Scan# 2203

Delta R.T. -0.03 min

Lab File: VW014546.D

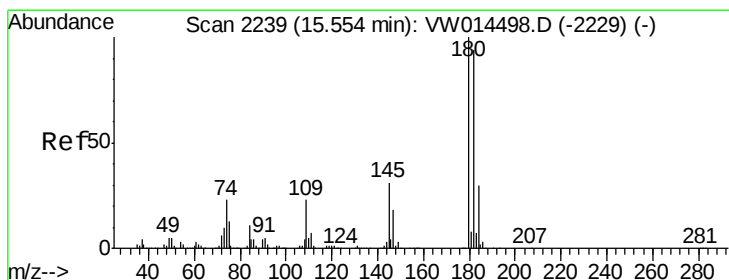
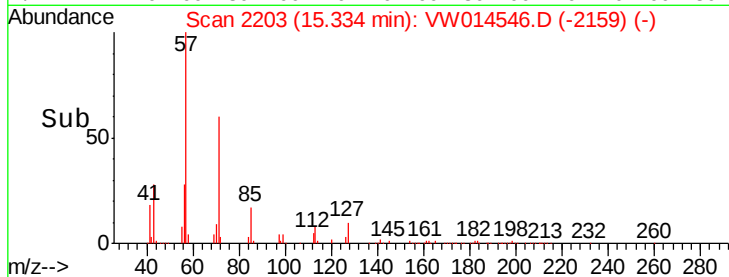
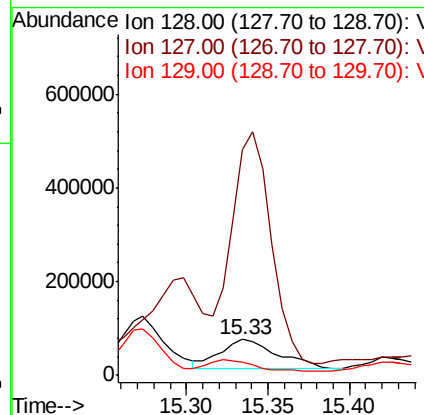
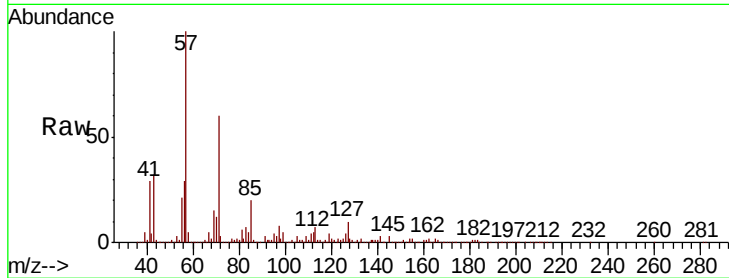
Acq: 07 Jan 2020 14:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	128	Resp:	158725
Ion	Ratio	Lower	Upper
128	100		
127	518.6	10.6	15.8#
129	29.6	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 3.246 ug/l

RT: 15.58 min Scan# 2243

Delta R.T. 0.02 min

Lab File: VW014546.D

Acq: 07 Jan 2020 14:56

Tgt Ion:	180	Resp:	34552
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	15.5	46.5#

