

Data File : VW013445.D
Acq On : 04 Oct 2019 17:54
Operator : SY/VA
Sample : K5215-11
Misc : 5.25G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
13933

Quant Time: Oct 05 04:57:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	466640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121631	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	129764	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.32	98	610774	60.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.22%	
62) 4-Bromofluorobenzene	12.62	95	195403	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.12	59	11693	34.052	ug/l #	73
13) Acrolein	4.10	56	752	13.573	ug/l #	15
15) Acrylonitrile	5.45	53	1146	1.750	ug/l #	29
18) Methyl Acetate	4.67	43	74026	43.388	ug/l #	82
20) Methylene Chloride	4.92	84	11394	2.027	ug/l	88
25) 2-Butanone	7.16	43	44915	48.154	ug/l #	61
26) 2,2-Dichloropropane	7.14	77	3534	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	974	11.419	ug/l #	34
31) Cyclohexane	7.92	56	1849183	339.877	ug/l #	45
37) Ethyl Acetate	7.16	43	44915	23.560	ug/l #	78
38) Carbon Tetrachloride	7.95	117	26337	7.015	ug/l #	17
39) Methylcyclohexane	9.34	83	976751	171.119	ug/l	98
40) Benzene	8.32	78	24774	2.019	ug/l	91
41) Methacrylonitrile	7.70	41	159568	138.352	ug/l #	51
43) Isopropyl Acetate	8.41	43	815537	226.527	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	9303	3.158	ug/l #	1
47) Bromodichloromethane	9.60	83	8389	2.322	ug/l #	81
48) Methyl methacrylate	9.38	41	75287	43.522	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	41652	22.020	ug/l	96
53) t-1,3-Dichloropropene	10.39	75	442216	117.701	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	386976	176.795	ug/l #	21
56) Ethyl methacrylate	10.66	69	67839	23.026	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.95	63	2094	1.730	ug/l #	45
59) 2-Hexanone	10.93	43	310626	236.926	ug/l #	28
67) Ethyl Benzene	11.73	91	2496897	177.051	ug/l	99
68) m/p-Xylenes	11.84	106	3341739	613.895	ug/l	98
69) o-Xylene	12.16	106	1710426	339.844	ug/l	98
70) Styrene	12.16	104	87741	10.198	ug/l #	1
73) Isopropylbenzene	12.46	105	639997	52.534	ug/l	99
74) N-amyl acetate	12.25	43	353173	136.218	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.78	83	68844	33.387	ug/l #	26
76) 1,2,3-Trichloropropane	12.80	75	11150	7.533	ug/l #	100
78) n-propylbenzene	12.80	91	1988987	141.934	ug/l	99
79) 2-Chlorotoluene	12.87	91	607949	78.108	ug/l #	41

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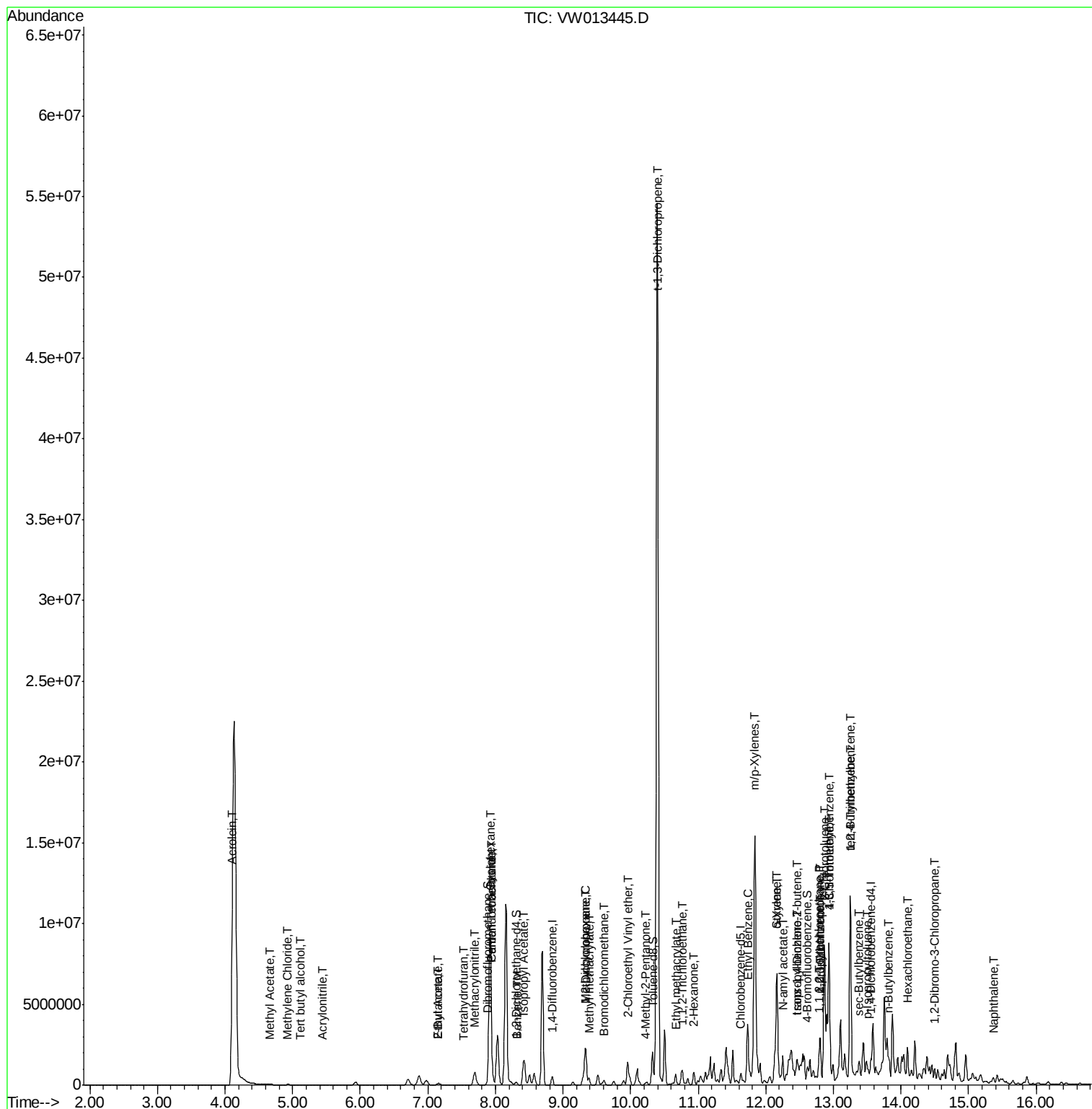
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	1697231	167.711	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	6993	13.403	ug/l #	50
82) 4-Chlorotoluene	12.94	91	169837	20.830	ug/l #	45
83) tert-Butylbenzene	13.25	119	822407	93.039	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.25	105	6286353	624.859	ug/l	98
85) sec-Butylbenzene	13.38	105	579453	47.546	ug/l	88
86) p-Isopropyltoluene	13.50	119	306862	27.169	ug/l	99
89) n-Butylbenzene	13.82	91	771243	75.740	ug/l #	74
90) Hexachloroethane	14.10	117	90079	48.274	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1116	3.618	ug/l #	30
95) Naphthalene	15.36	128	287771	48.859	ug/l	98

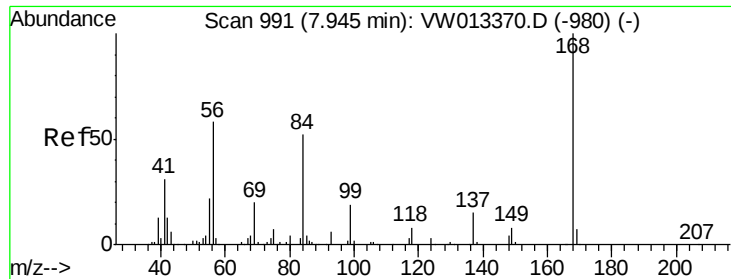
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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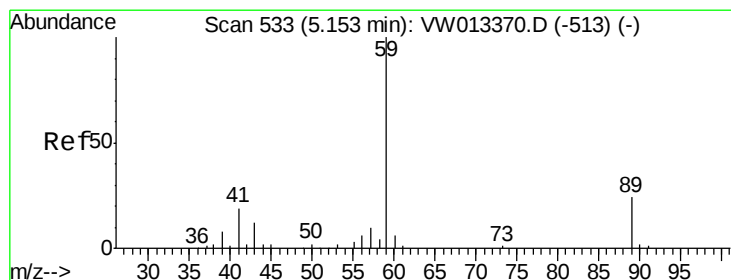
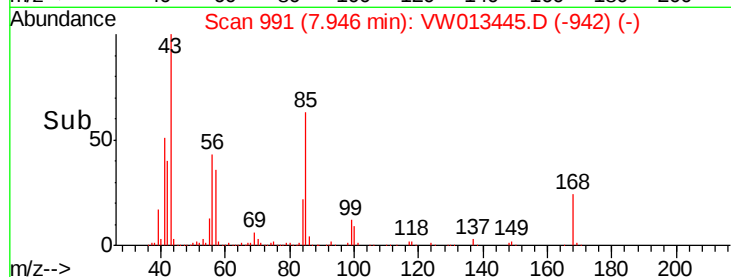
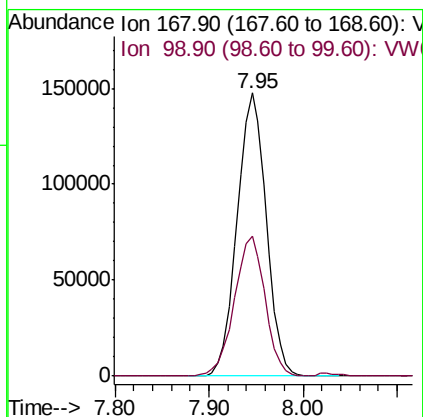
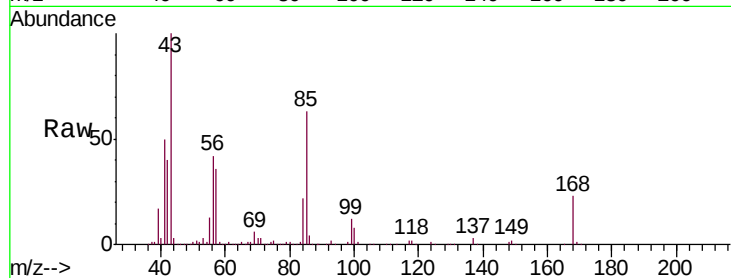


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
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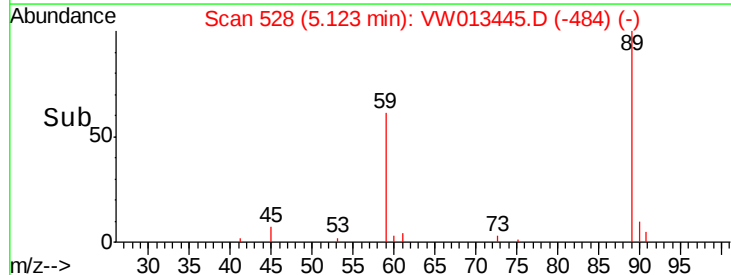
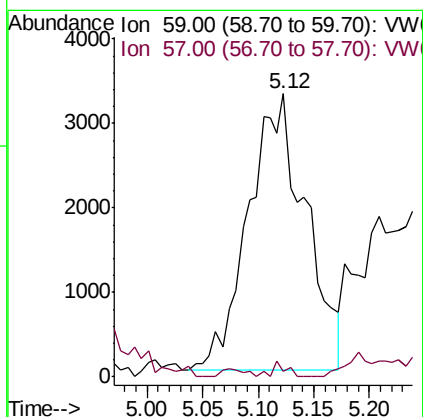
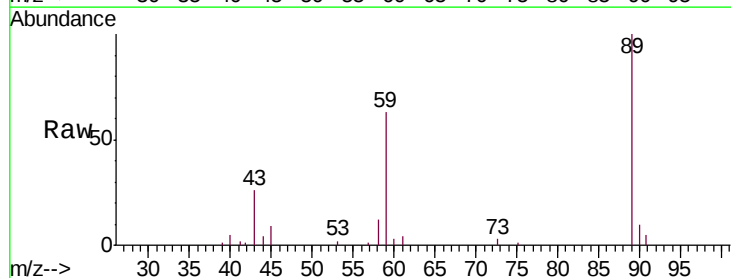
Tgt Ion: 168 Resp: 318499
 Ion Ratio Lower Upper
 168 100
 99 49.5 40.2 60.4

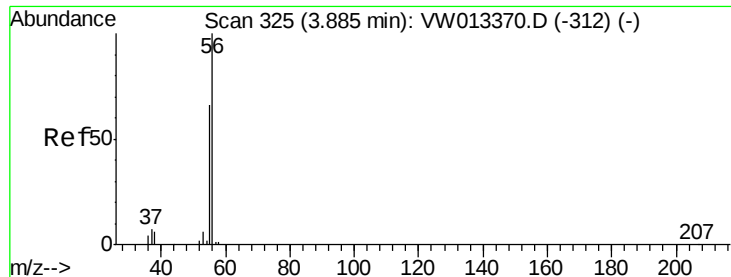


#11

Tert butyl alcohol
 Concen: 34.052 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 59 Resp: 11693
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#





#13

Acrolein

Concen: 13.573 ug/l

RT: 4.10 min Scan# 360

Delta R.T. 0.21 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampled :

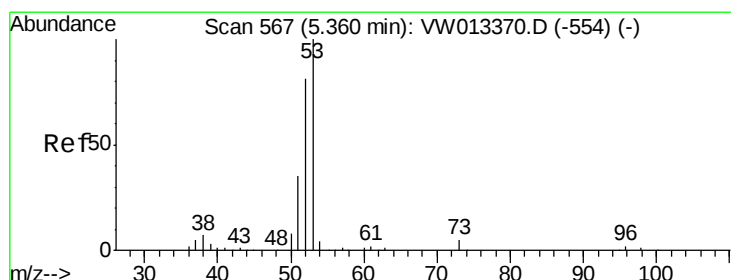
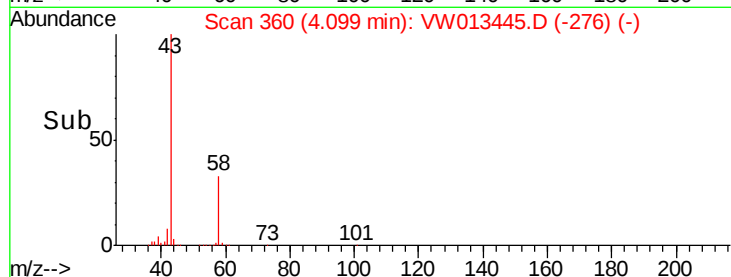
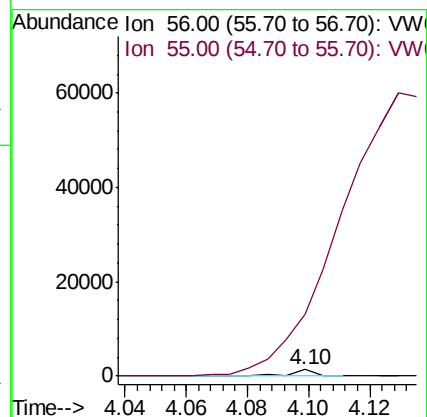
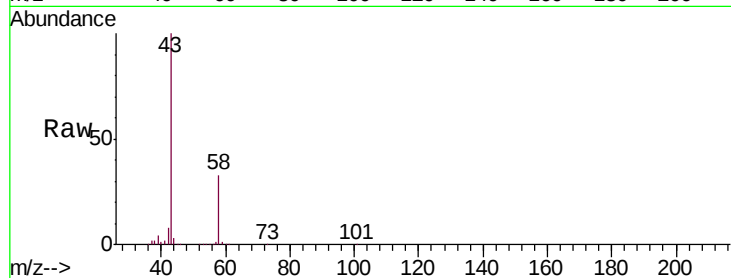
13933

Tgt Ion: 56 Resp: 752

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#15

Acrylonitrile

Concen: 1.750 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.09 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

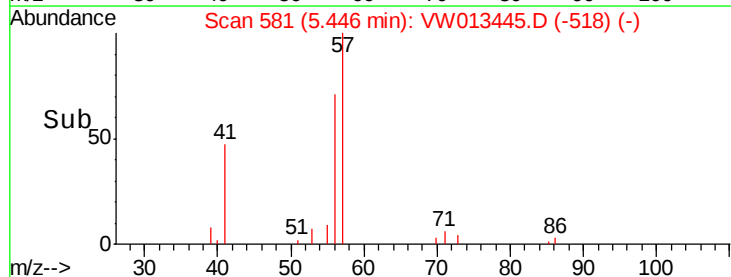
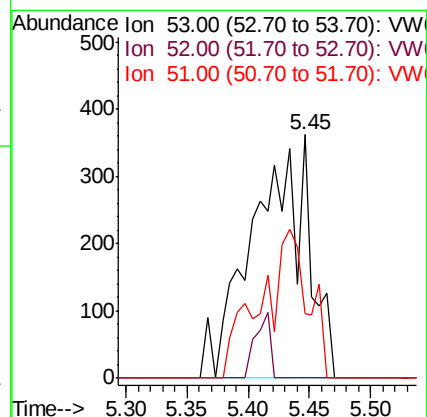
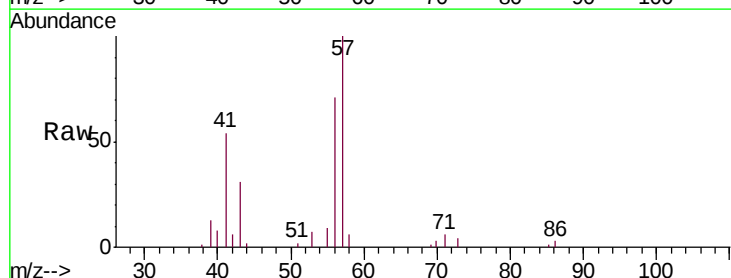
Tgt Ion: 53 Resp: 1146

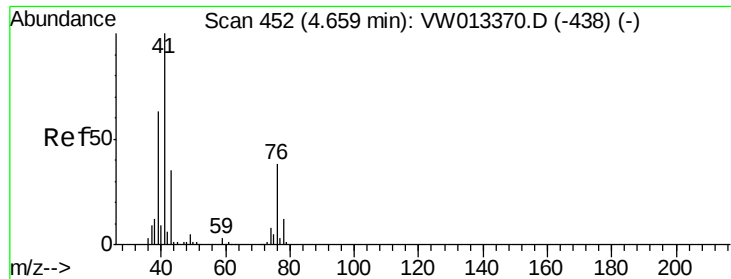
Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 51.6 29.0 43.4#

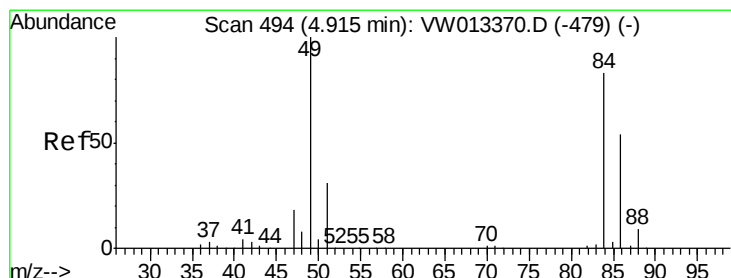
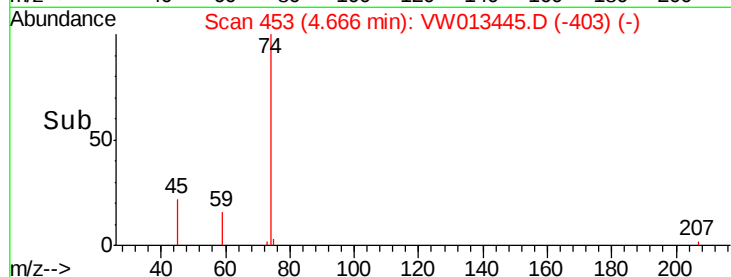
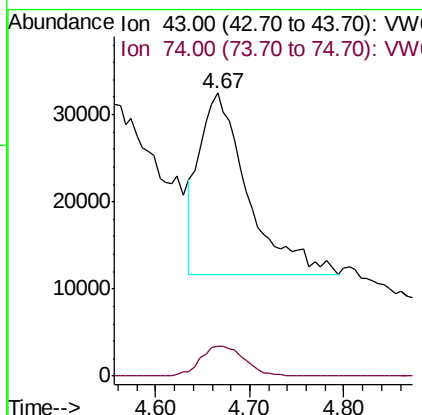
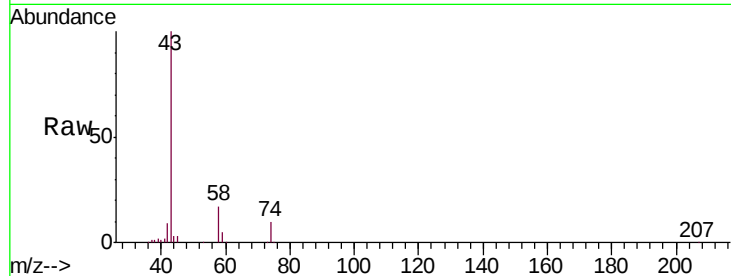




#18
Methyl Acetate
Concen: 43.388 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

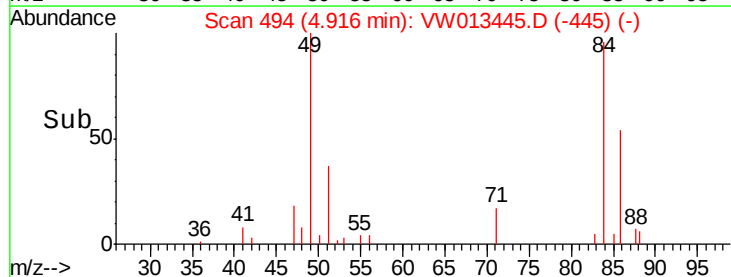
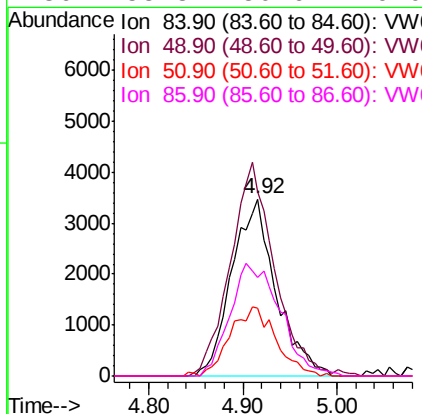
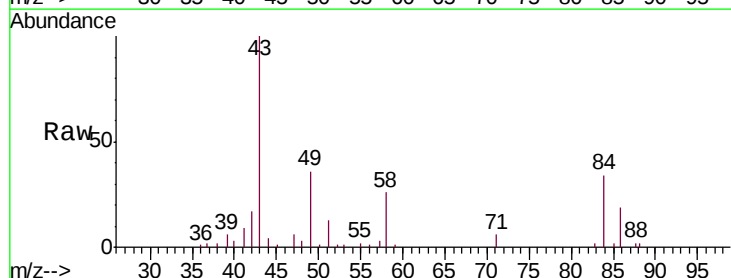
Instrument :
MSVOA_W
ClientSampled :
13933

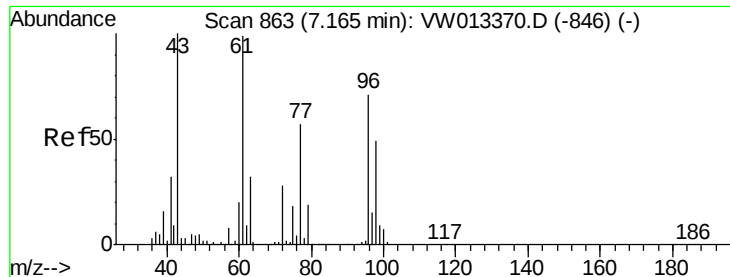
Tgt Ion: 43 Resp: 74026
Ion Ratio Lower Upper
43 100
74 15.2 19.3 28.9#



#20
Methylene Chloride
Concen: 2.027 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 84 Resp: 11394
Ion Ratio Lower Upper
84 100
49 104.1 97.6 146.4
51 38.6 30.2 45.2
86 55.8 50.6 76.0





#25

2-Butanone

Concen: 48.154 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampled :

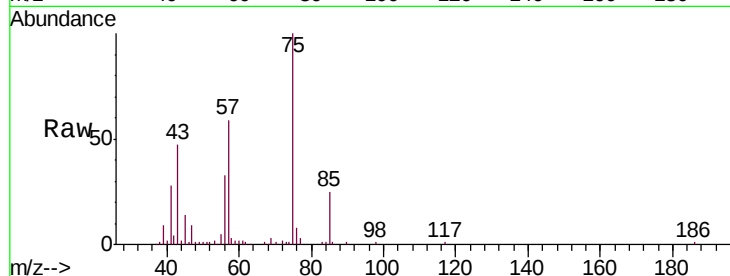
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Tgt Ion: 43 Resp: 44915

Ion Ratio Lower Upper

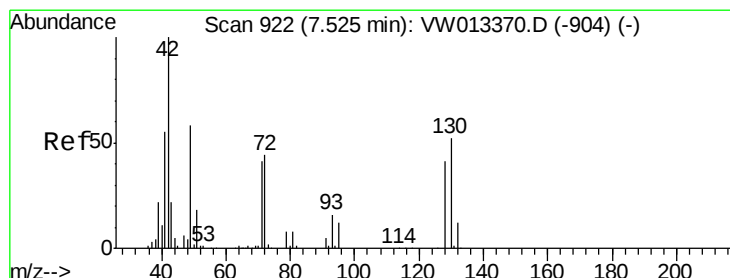
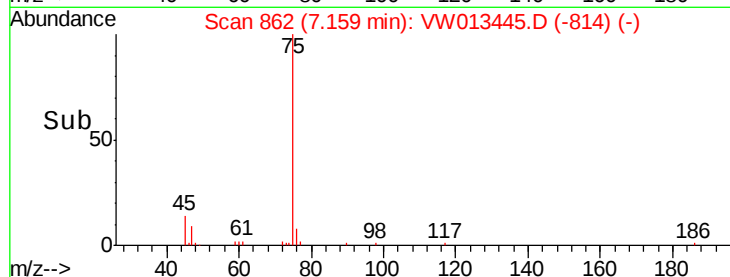
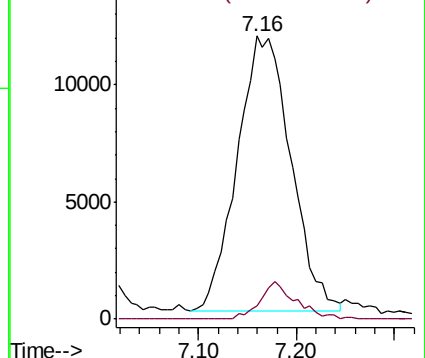
43 100

72 5.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 11.419 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

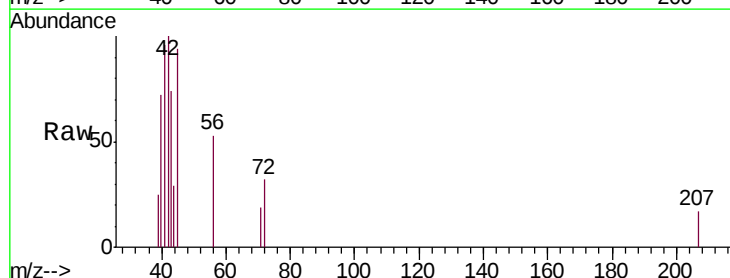
Tgt Ion: 42 Resp: 974

Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

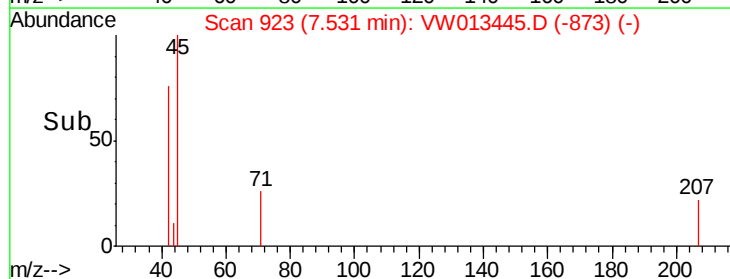
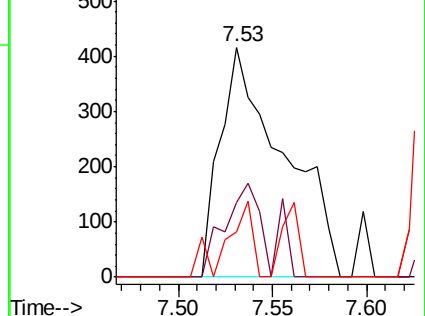
71 0.0 31.9 47.9#

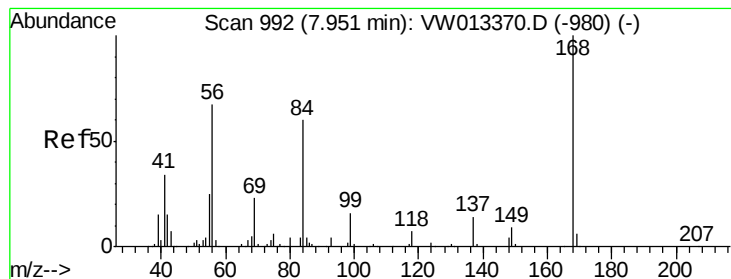


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 339.877 ug/l

RT: 7.92 min Scan# 987

Delta R.T. -0.03 min

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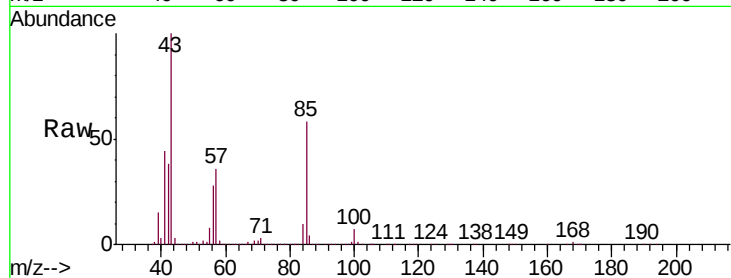
Tgt Ion: 56 Resp: 1849183

Ion Ratio Lower Upper

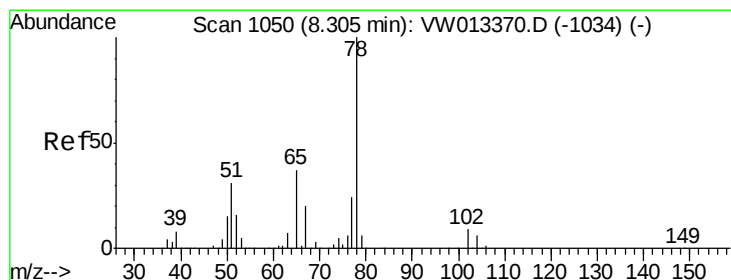
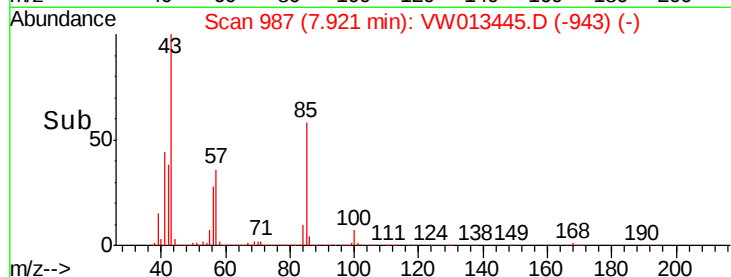
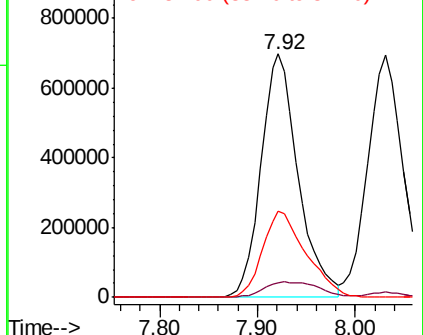
56 100

69 6.2 27.2 40.8#

84 35.2 70.8 106.2#



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



#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013445.D

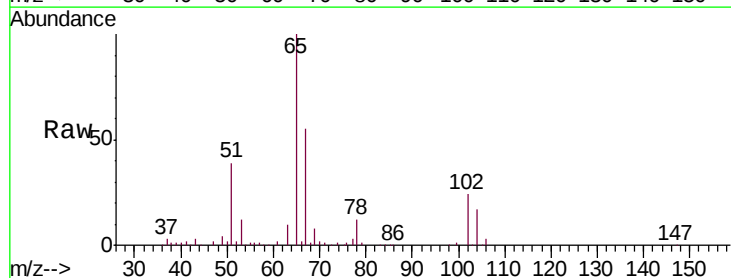
Acq: 04 Oct 2019 17:54

Tgt Ion: 65 Resp: 121631

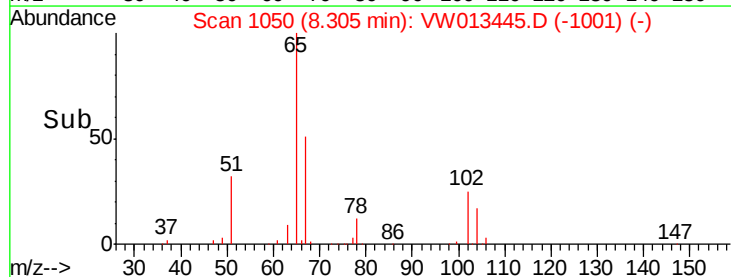
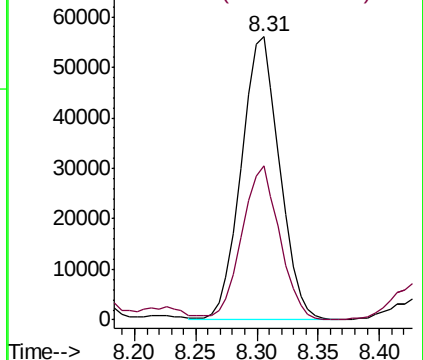
Ion Ratio Lower Upper

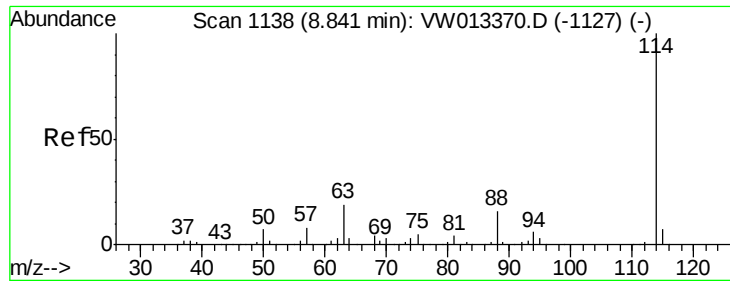
65 100

67 53.7 0.0 106.2



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

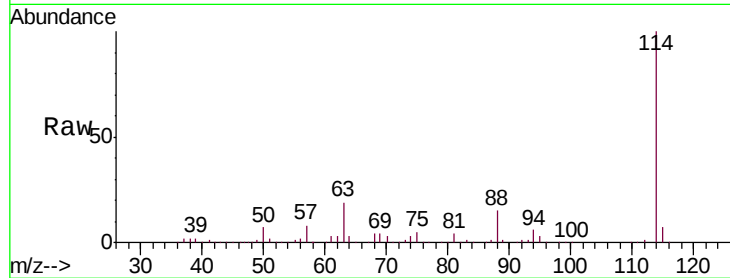




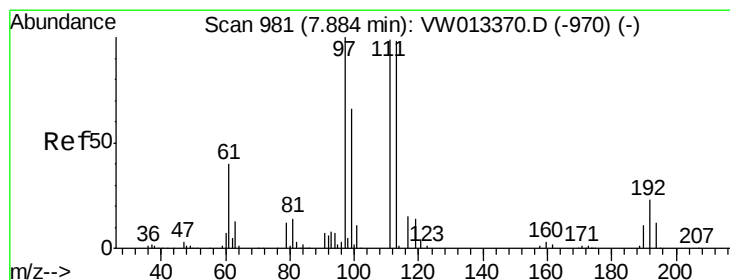
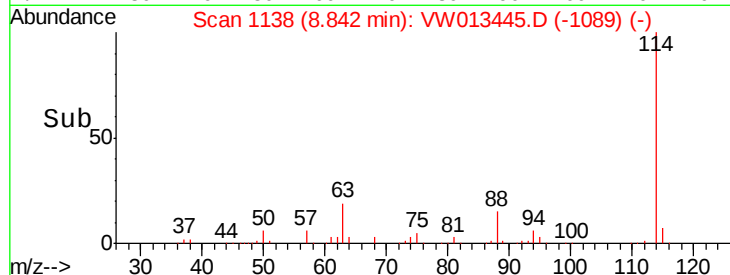
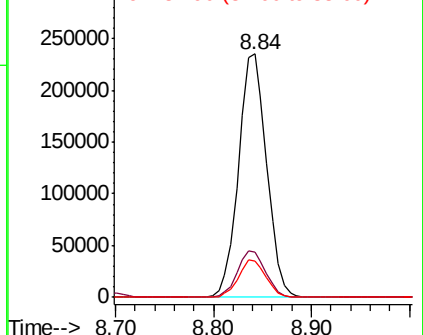
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Instrument :
 MSVOA_W
 ClientSampleId :
 13933

Tgt Ion:114 Resp: 466640
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.0 0.0 32.0

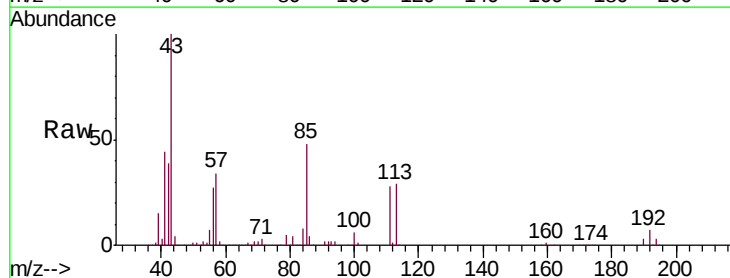


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

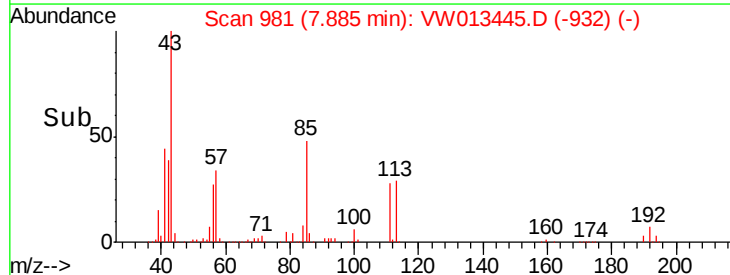
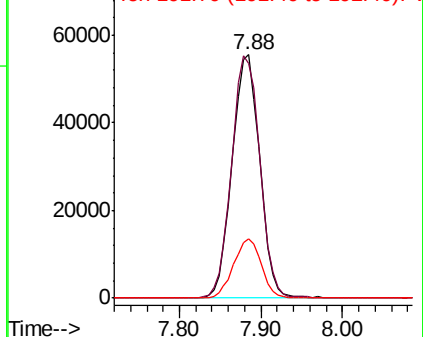


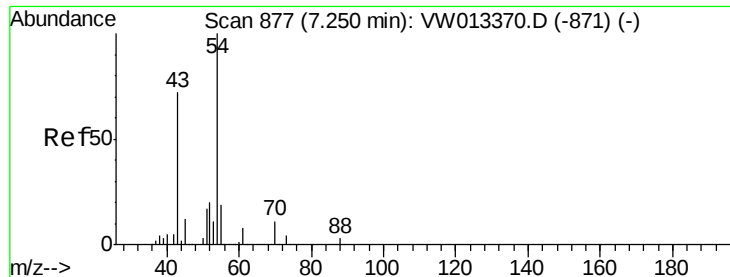
#35
 Dibromofluoromethane
 Concen: 52.996 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion:113 Resp: 129764
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 24.3 19.1 28.7



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





#37

Ethyl Acetate

Concen: 23.560 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.09 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampleId :

13933

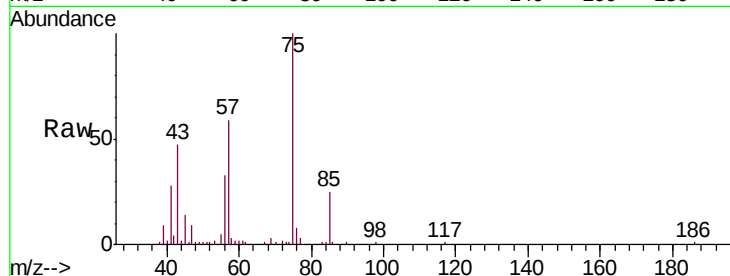
Tgt Ion: 43 Resp: 44915

Ion Ratio Lower Upper

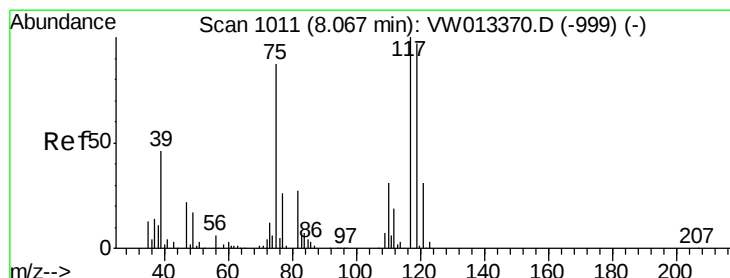
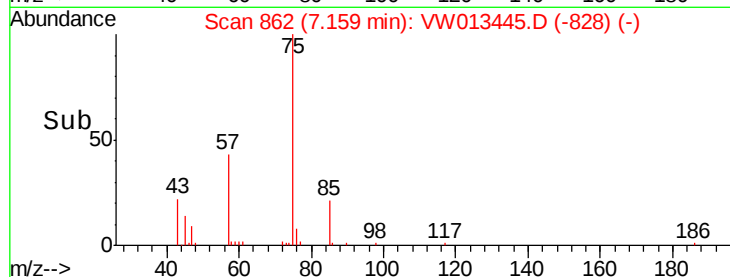
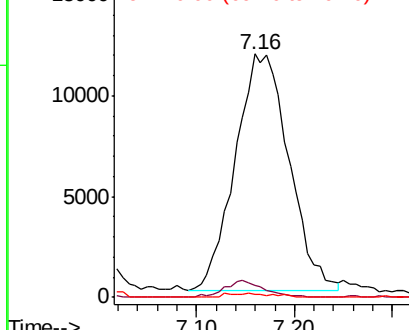
43 100

61 5.2 10.9 16.3#

70 1.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 7.015 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

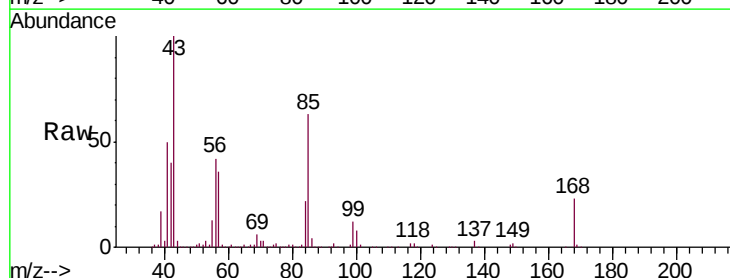
Tgt Ion: 117 Resp: 26337

Ion Ratio Lower Upper

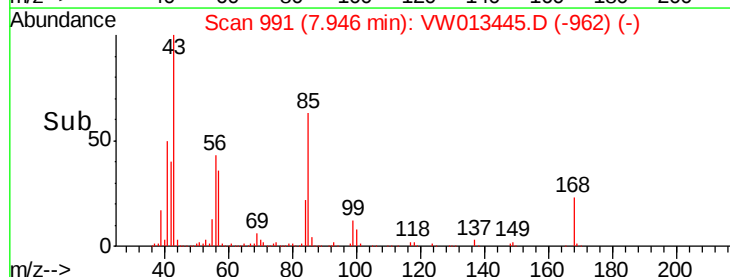
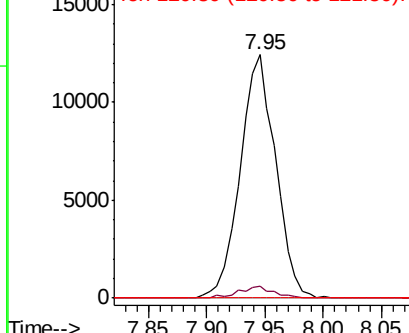
117 100

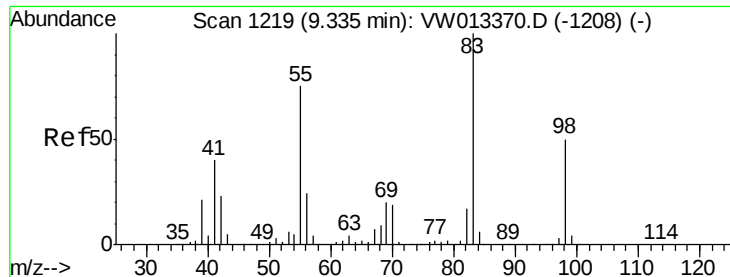
119 4.7 73.5 110.3#

121 0.0 25.0 37.6#



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

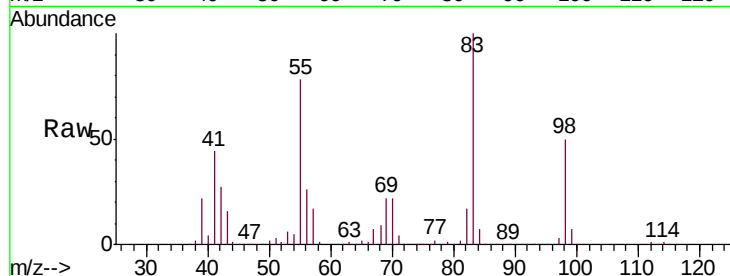




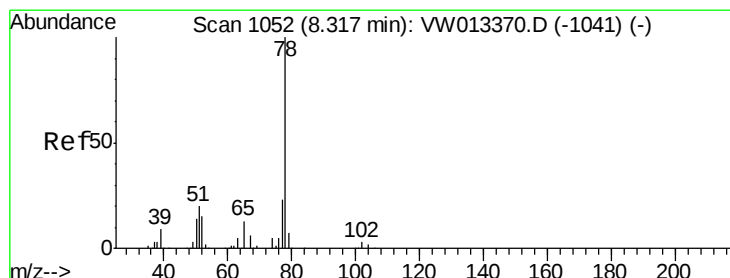
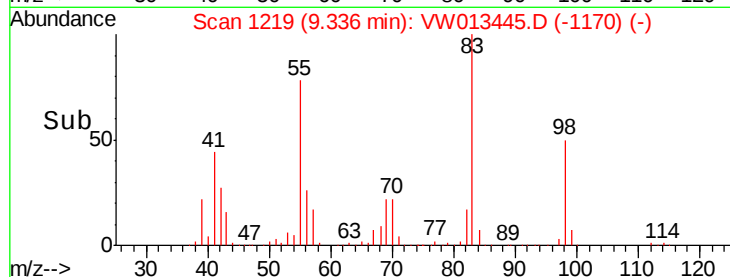
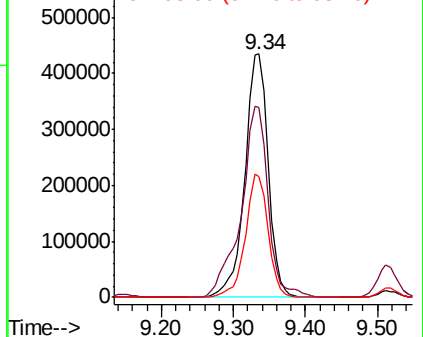
#39
Methylcyclohexane
Concen: 171.119 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Instrument :
MSVOA_W
ClientSampled :
13933

Tgt Ion: 83 Resp: 976751
Ion Ratio Lower Upper
83 100
55 77.8 60.4 90.6
98 49.8 40.0 60.0

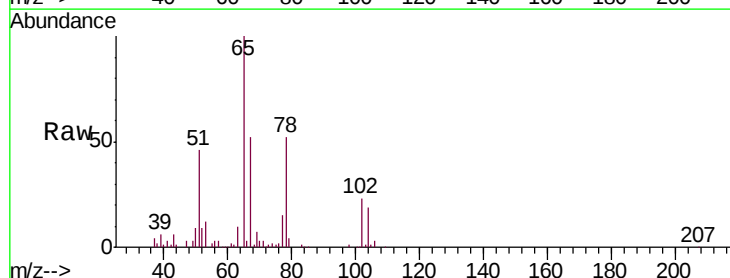


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

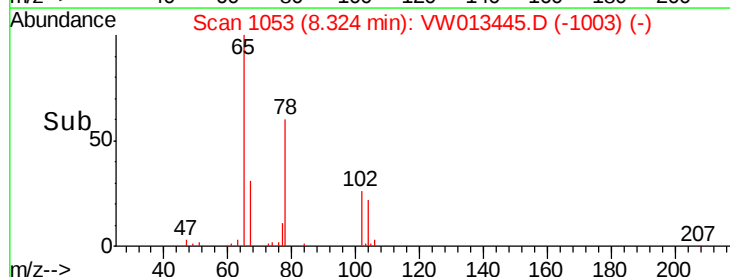
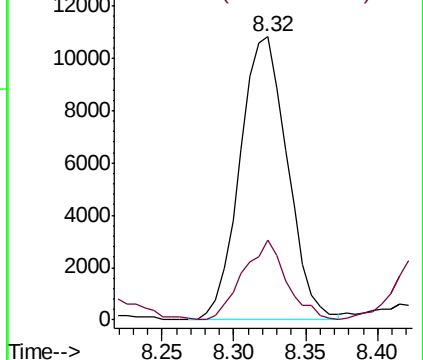


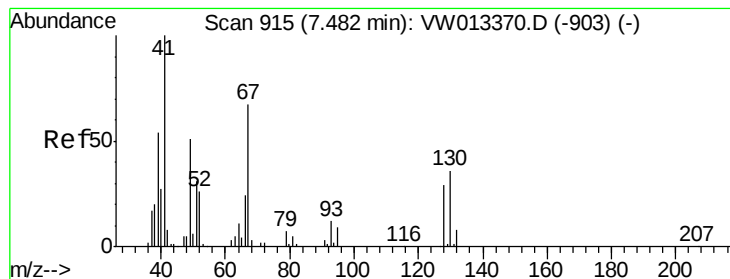
#40
Benzene
Concen: 2.019 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 78 Resp: 24774
Ion Ratio Lower Upper
78 100
77 28.2 19.1 28.7



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





#41

Methacrylonitrile

Concen: 138.352 ug/l

RT: 7.70 min Scan# 950

Delta R.T. 0.21 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampled :
13933

Tgt Ion: 41 Resp: 159568

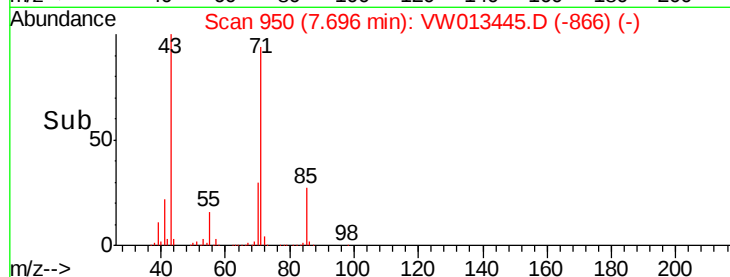
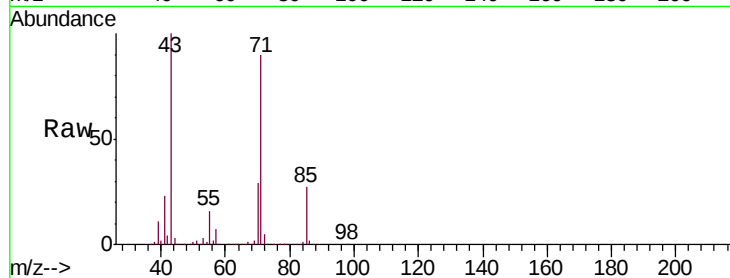
Ion Ratio Lower Upper

41 100

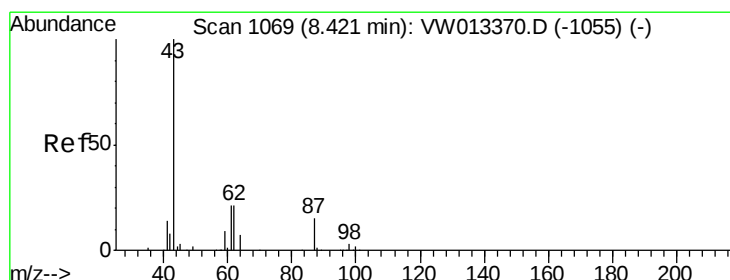
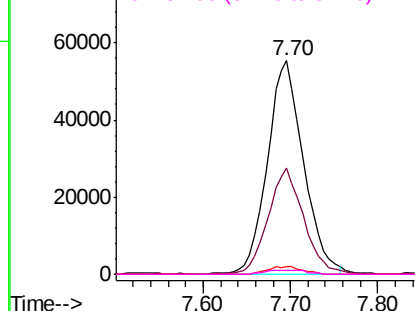
39 48.4 45.9 68.9

67 3.7 54.5 81.7#

52 1.3 22.5 33.7#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#43

Isopropyl Acetate

Concen: 226.527 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

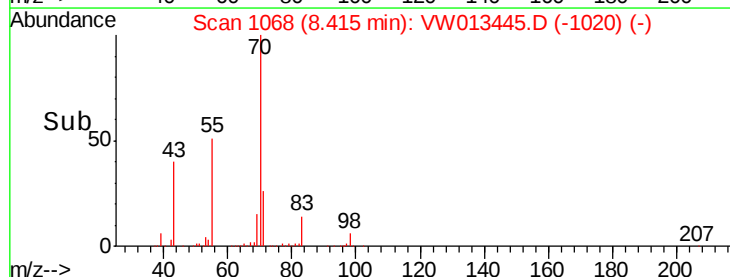
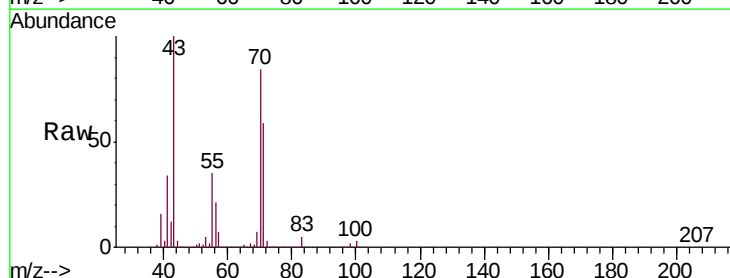
Tgt Ion: 43 Resp: 815537

Ion Ratio Lower Upper

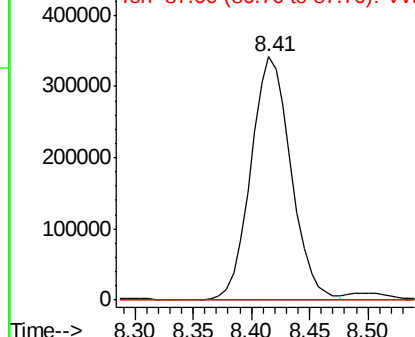
43 100

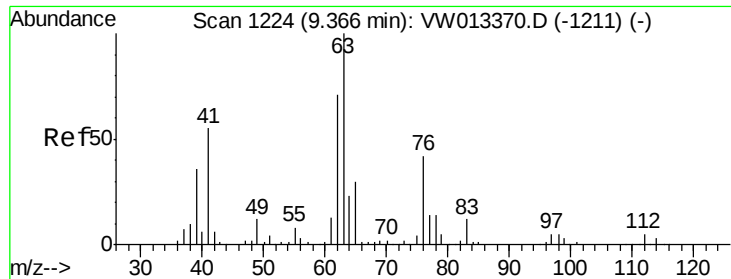
61 0.1 25.5 38.3#

87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

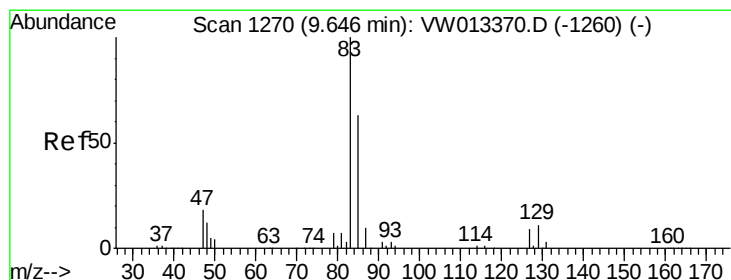
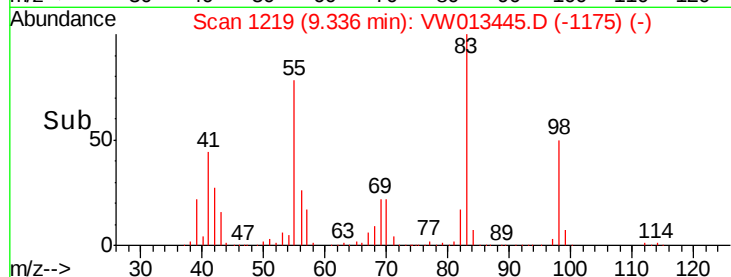
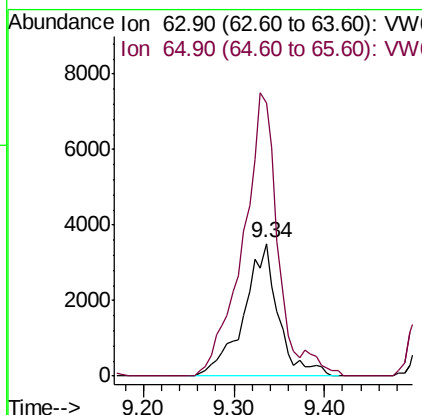
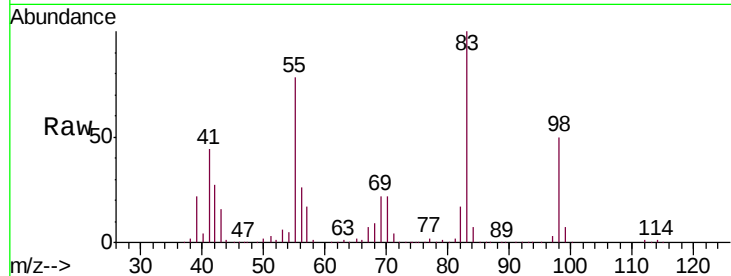




#45
 1,2-Dichloropropane
 Concen: 3.158 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

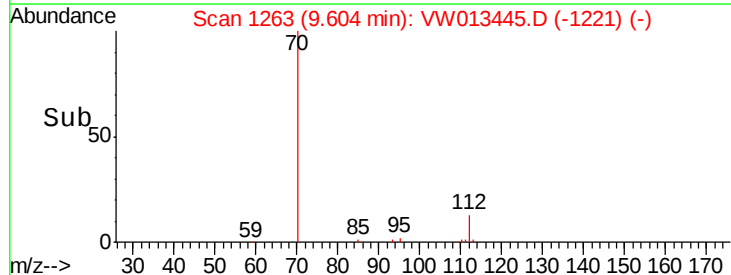
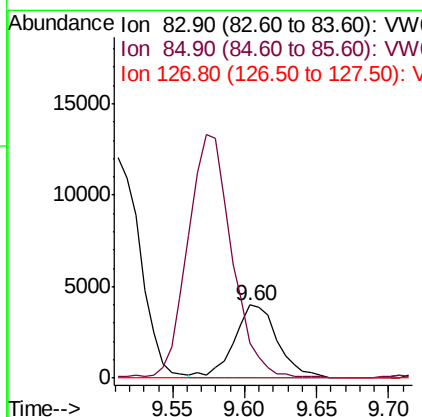
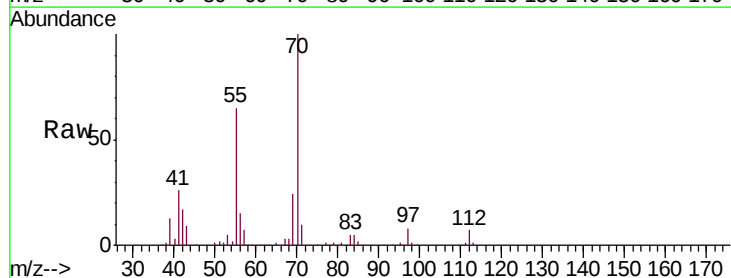
Instrument :
 MSVOA_W
 ClientSampled :
 13933

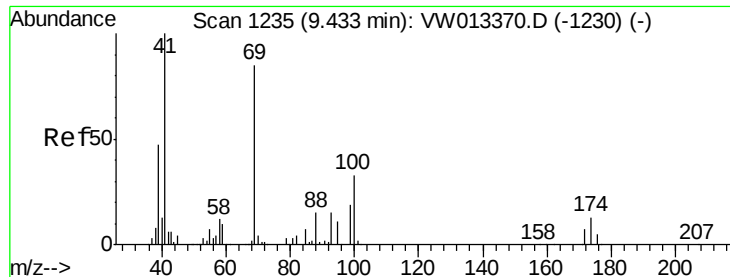
Tgt Ion: 63 Resp: 9303
 Ion Ratio Lower Upper
 63 100
 65 206.0 25.3 37.9#



#47
 Bromodichloromethane
 Concen: 2.322 ug/l
 RT: 9.60 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 83 Resp: 8389
 Ion Ratio Lower Upper
 83 100
 85 47.6 49.4 74.2#
 127 0.0 6.5 9.7#

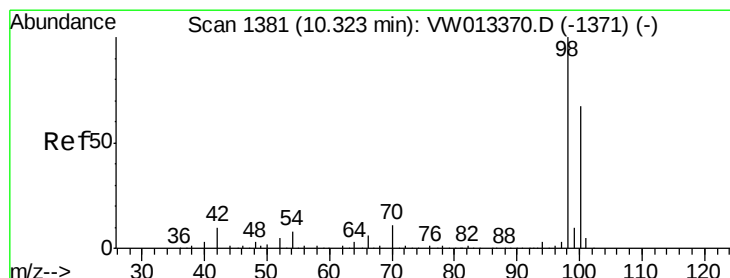
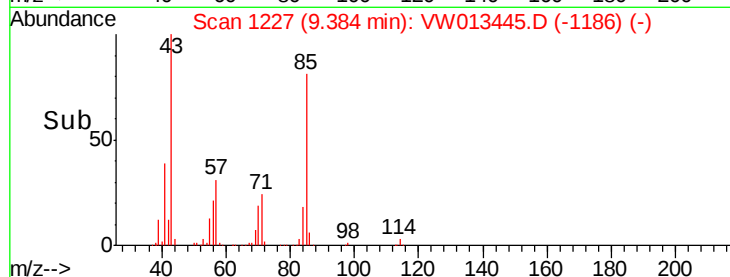
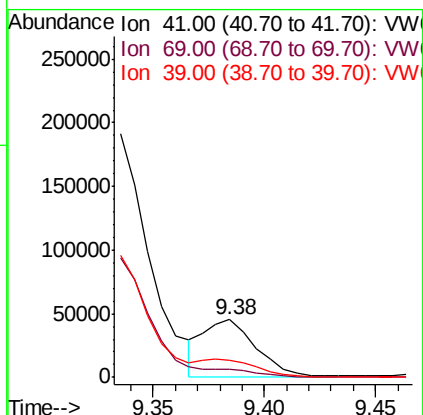
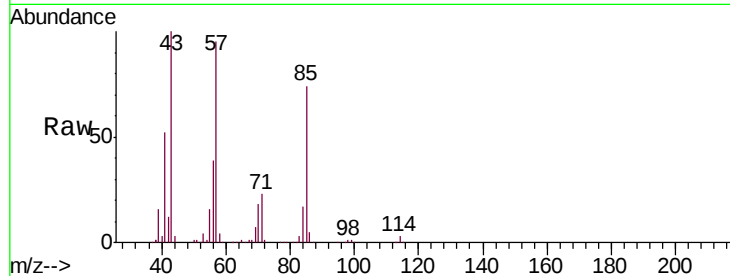




#48
Methyl methacrylate
Concen: 43.522 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.05 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

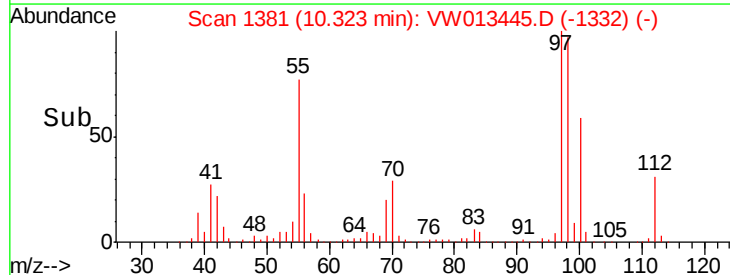
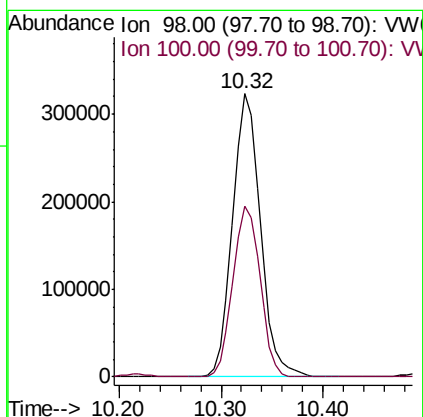
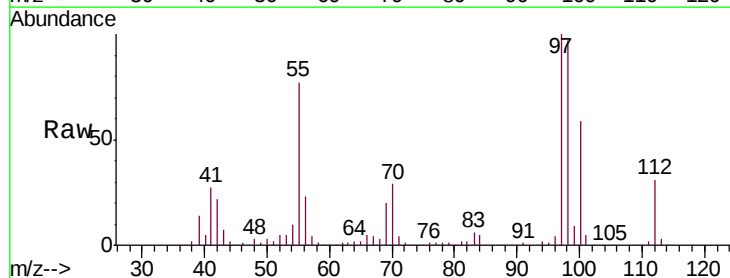
Instrument :
MSVOA_W
ClientSampled :
13933

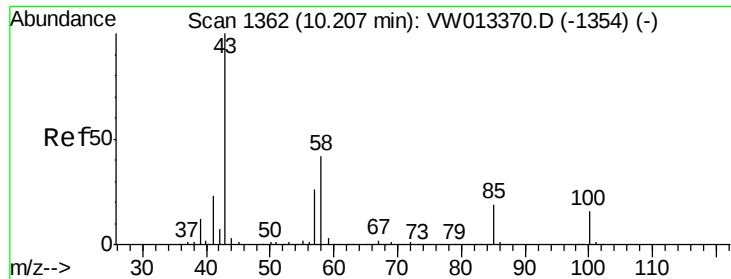
Tgt Ion: 41 Resp: 75287
Ion Ratio Lower Upper
41 100
69 0.0 69.7 104.5#
39 0.0 41.1 61.7#



#50
Toluene-d8
Concen: 60.109 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 98 Resp: 610774
Ion Ratio Lower Upper
98 100
100 59.2 52.9 79.3

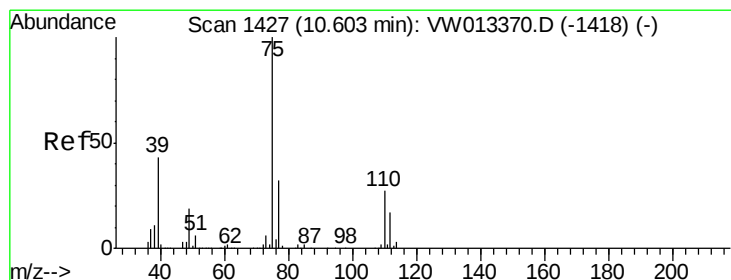
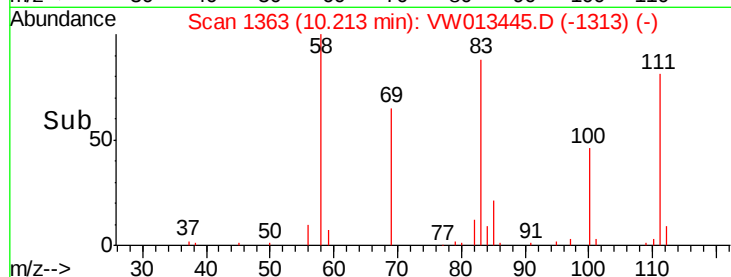
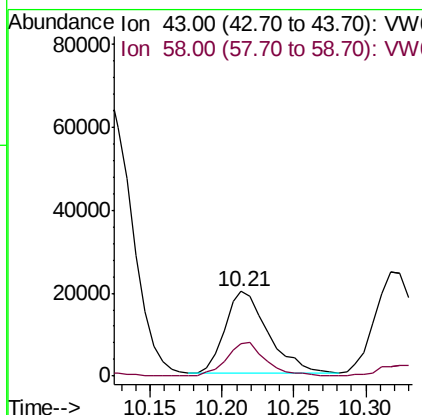
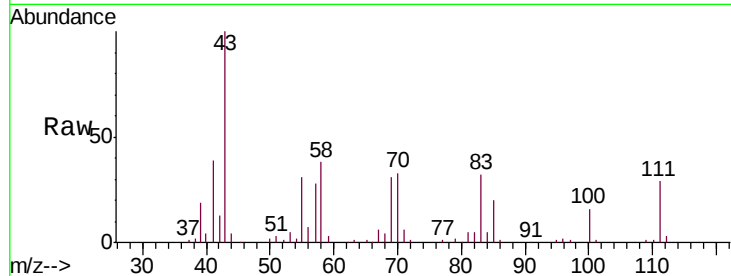




#51
4-Methyl-2-Pentanone
Concen: 22.020 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

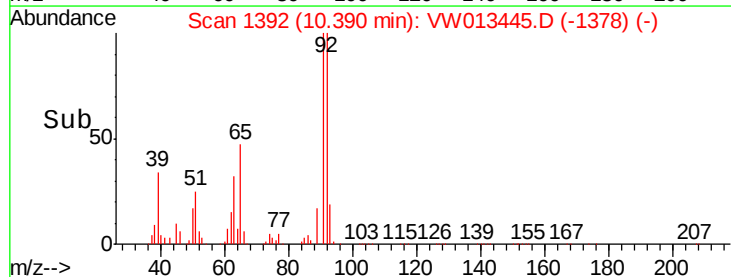
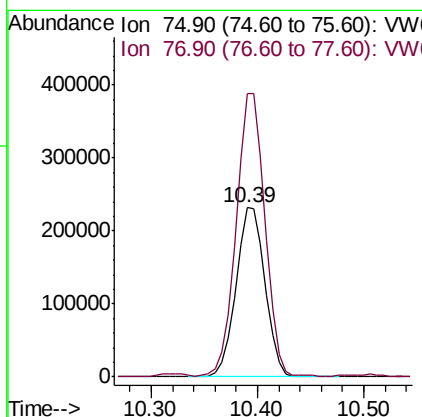
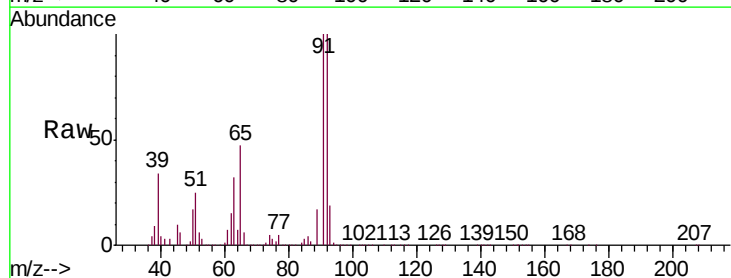
Instrument :
MSVOA_W
ClientSampled :
13933

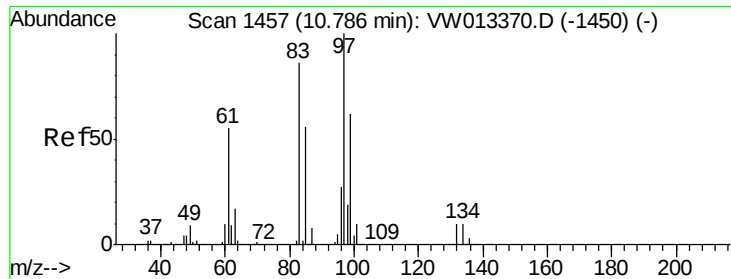
Tgt Ion: 43 Resp: 41652
Ion Ratio Lower Upper
43 100
58 37.0 31.7 47.5



#53
t-1,3-Dichloropropene
Concen: 117.701 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.21 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 75 Resp: 442216
Ion Ratio Lower Upper
75 100
77 166.8 25.5 38.3#

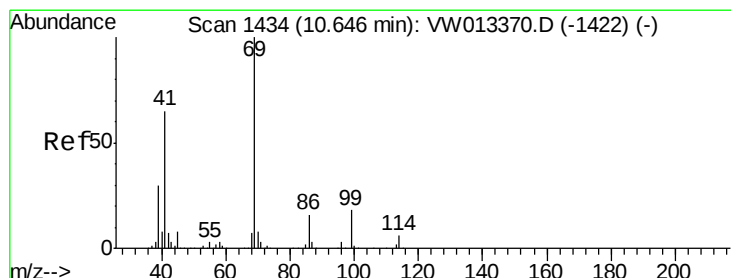
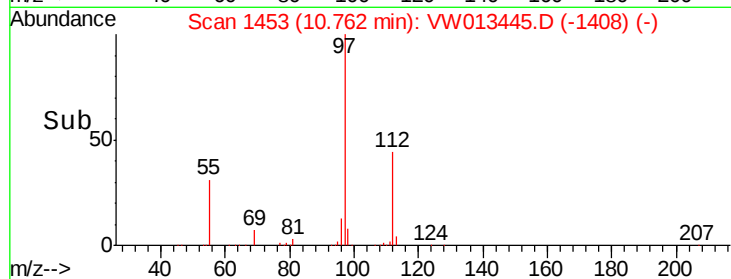
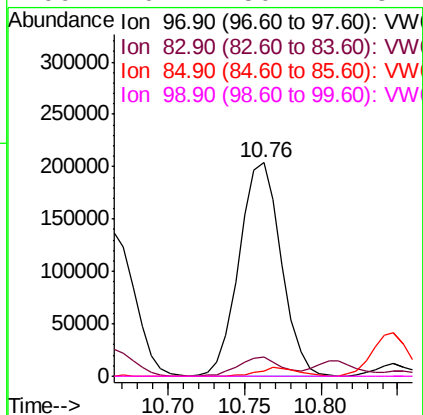
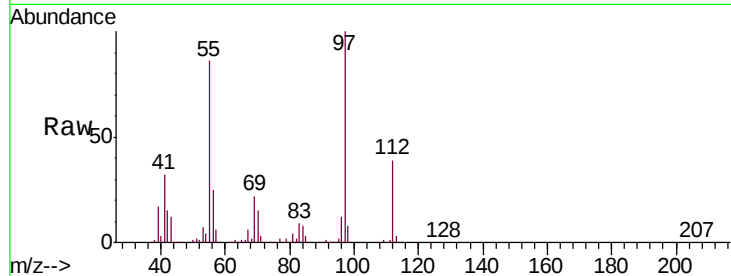




#55
 1,1,2-Trichloroethane
 Concen: 176.795 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

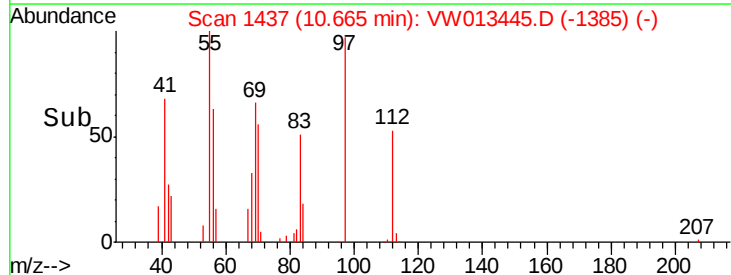
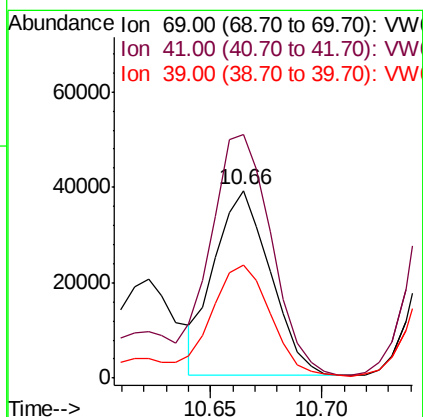
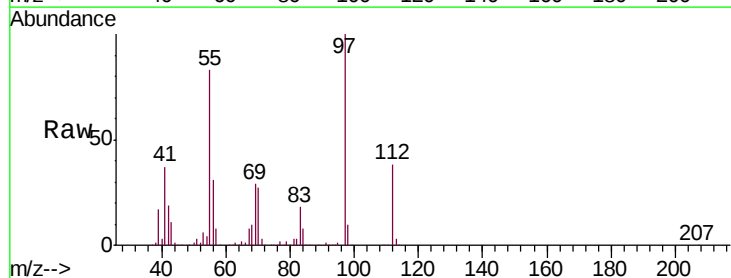
Instrument :
 MSVOA_W
 ClientSampled :
 13933

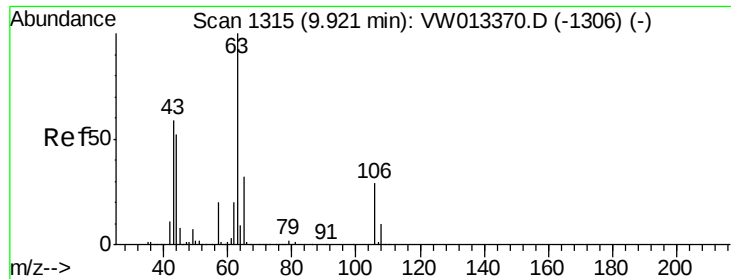
Tgt Ion: 97 Resp: 386976
 Ion Ratio Lower Upper
 97 100
 83 8.9 67.6 101.4#
 85 2.6 41.9 62.9#
 99 0.2 50.1 75.1#



#56
 Ethyl methacrylate
 Concen: 23.026 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 69 Resp: 67839
 Ion Ratio Lower Upper
 69 100
 41 142.0 53.9 80.9#
 39 0.0 23.8 35.6#

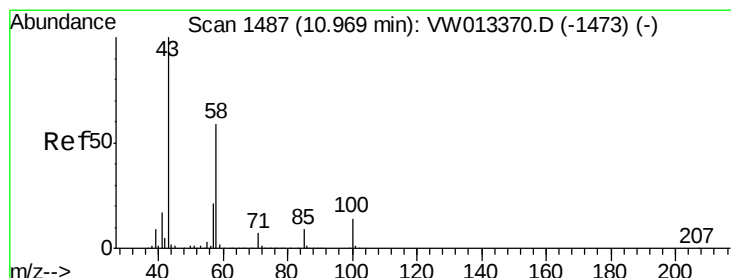
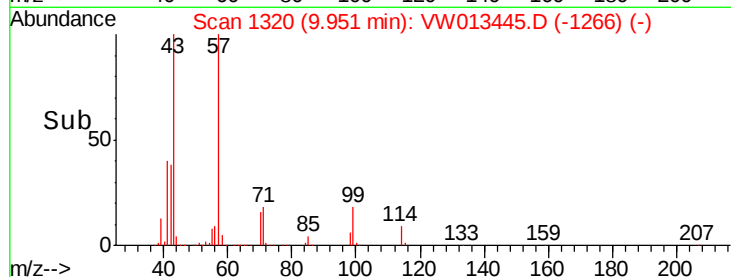
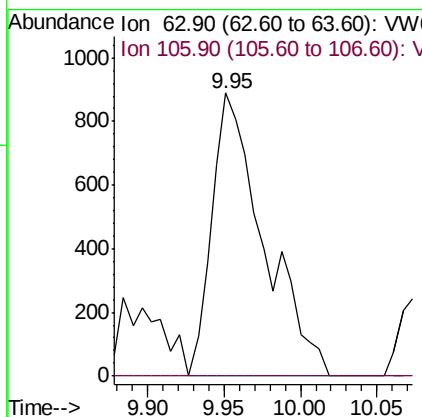
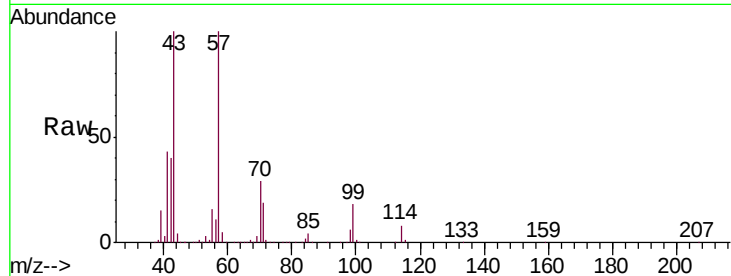




#58
2-Chloroethyl Vinyl ether
Concen: 1.730 ug/l
RT: 9.95 min Scan# 1320
Delta R.T. 0.03 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

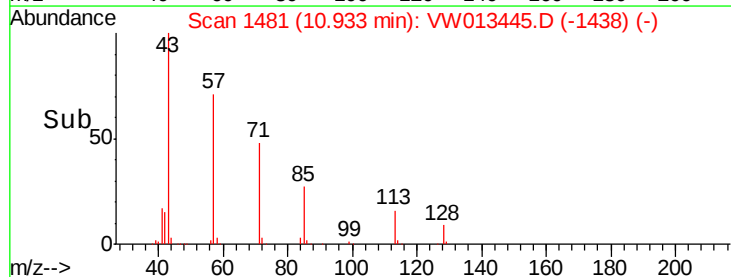
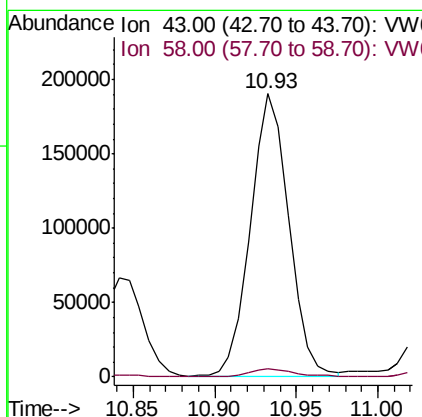
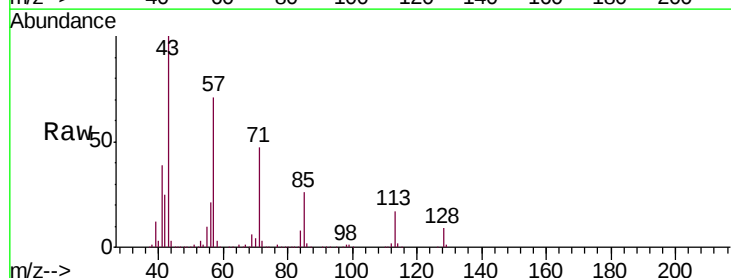
Instrument :
MSVOA_W
ClientSampleId :
13933

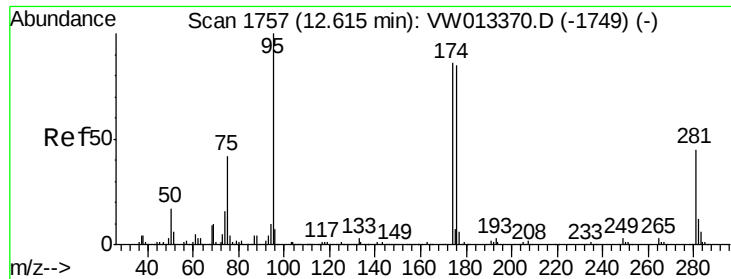
Tgt Ion: 63 Resp: 2094
Ion Ratio Lower Upper
63 100
106 0.0 23.4 35.0#



#59
2-Hexanone
Concen: 236.926 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 43 Resp: 310626
Ion Ratio Lower Upper
43 100
58 3.8 28.1 84.2#

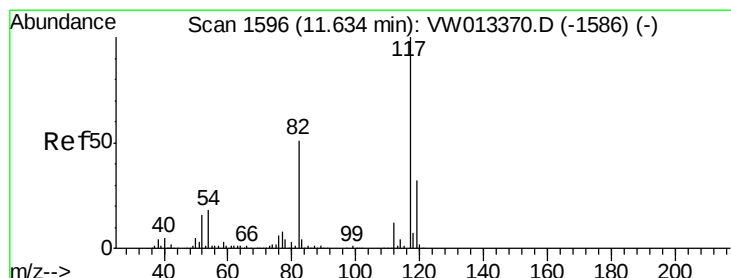
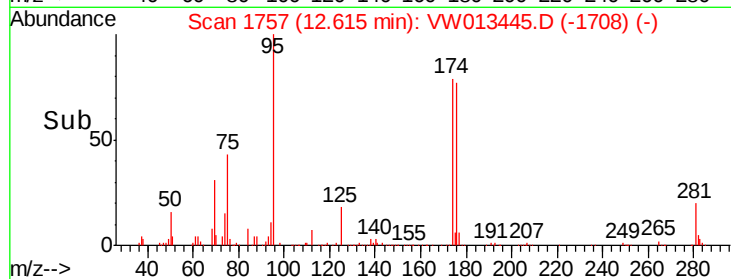
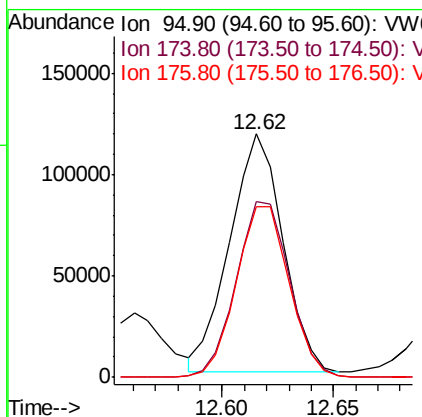
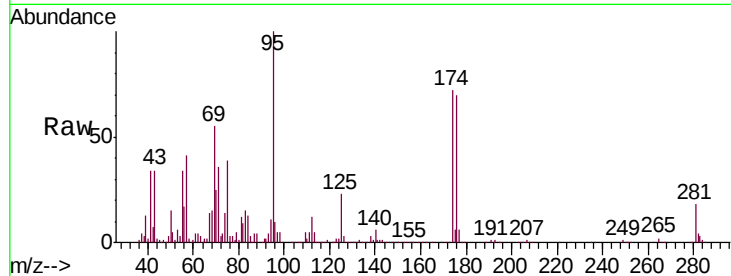




#62
4-Bromofluorobenzene
Concen: 57.587 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

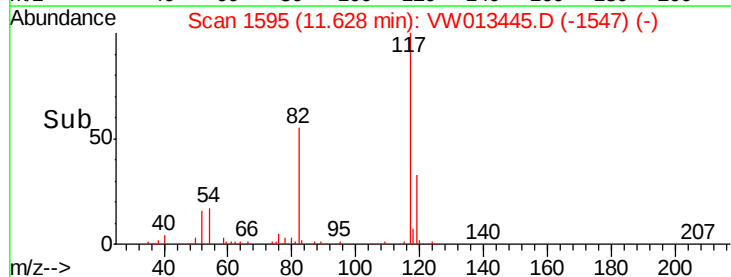
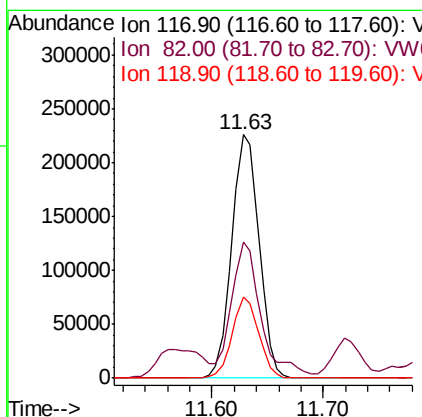
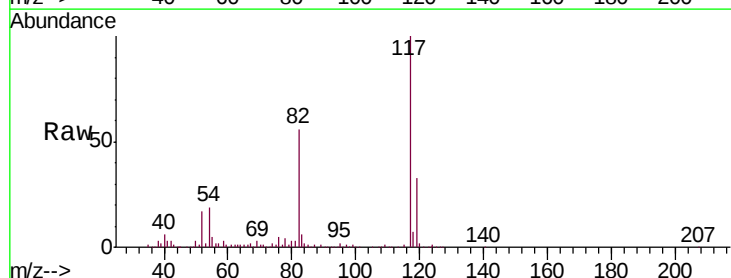
Instrument :
MSVOA_W
ClientSampleId :
13933

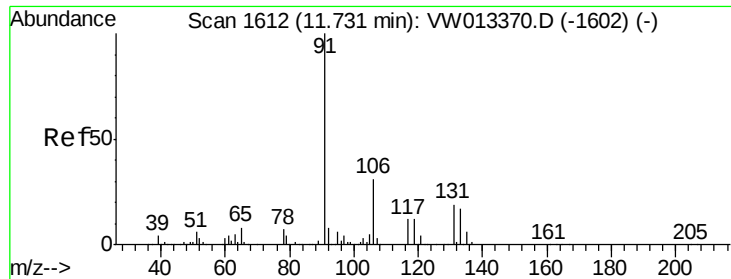
Tgt Ion: 95 Resp: 195403
Ion Ratio Lower Upper
95 100
174 74.4 0.0 178.4
176 71.7 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 117 Resp: 384086
Ion Ratio Lower Upper
117 100
82 44.7 45.9 68.9#
119 33.4 26.2 39.2

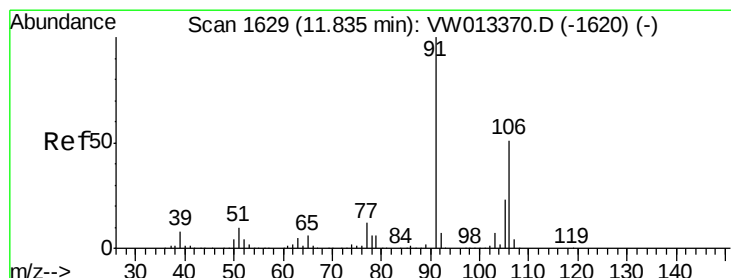
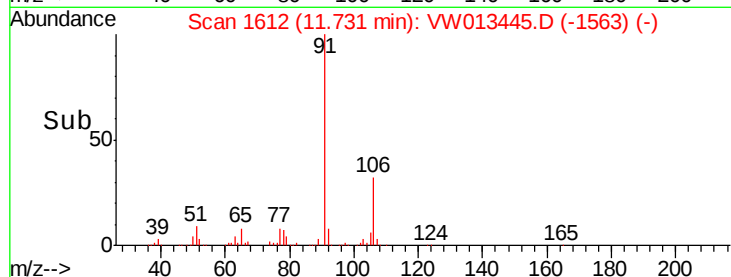
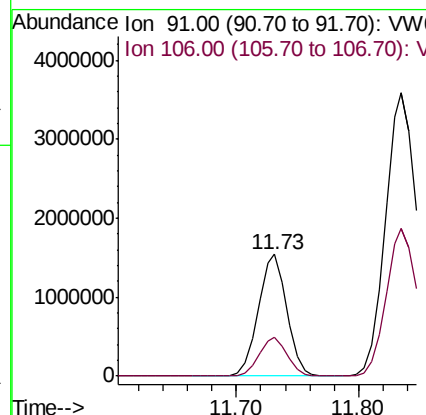
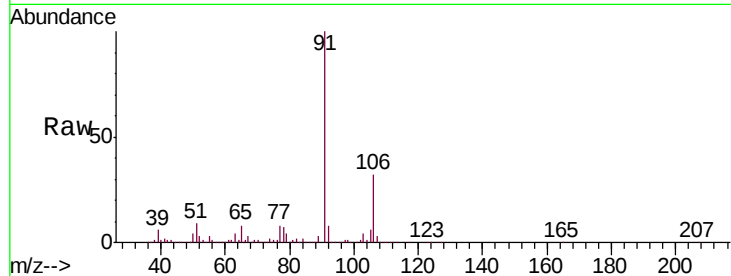




#67
Ethyl Benzene
Concen: 177.051 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

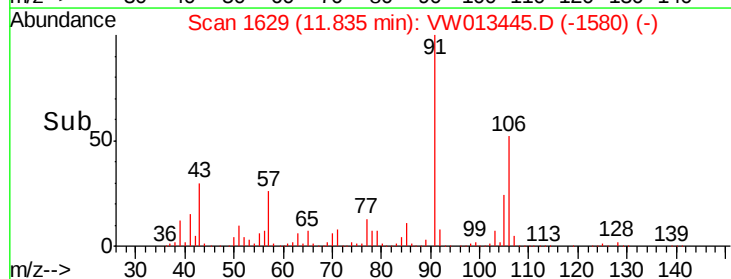
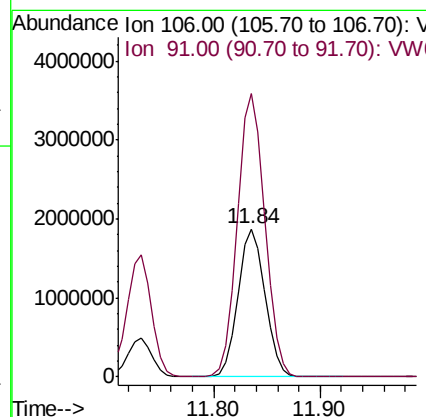
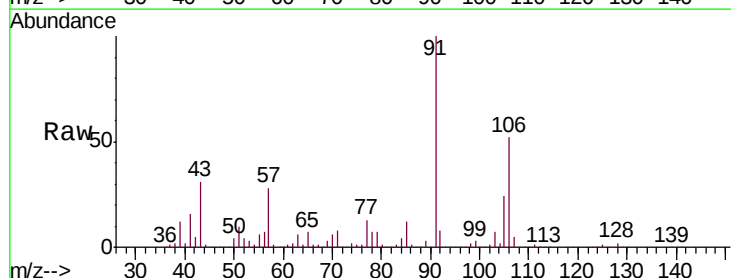
Instrument :
MSVOA_W
ClientSampleId :
13933

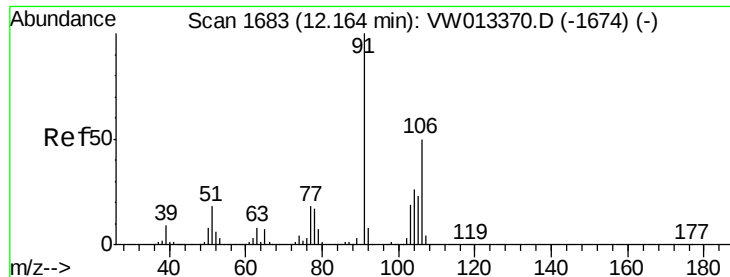
Tgt Ion: 91 Resp: 2496897
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 613.895 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 106 Resp: 3341739
Ion Ratio Lower Upper
106 100
91 194.2 157.9 236.9

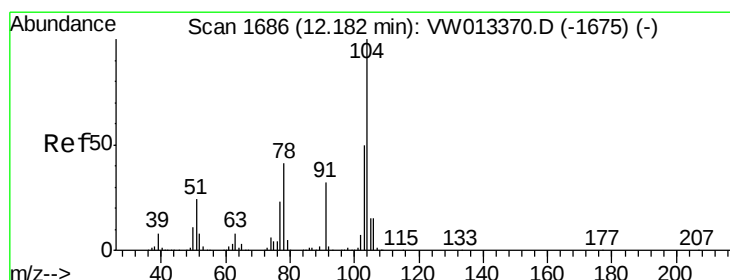
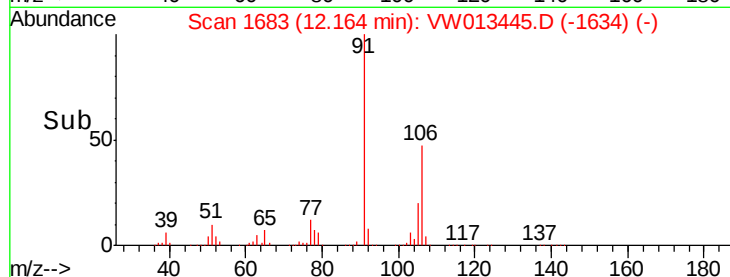
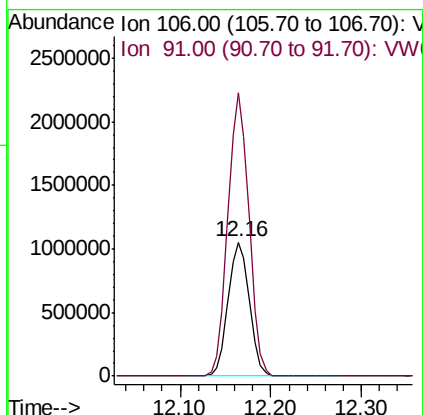
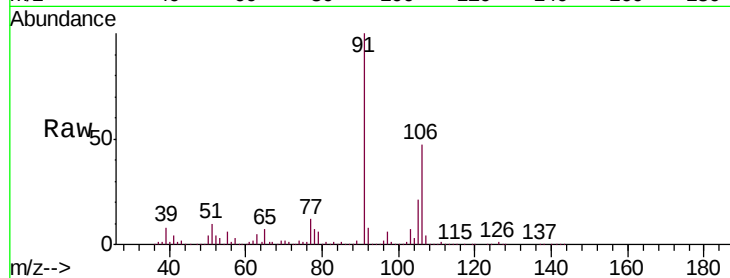




#69
o-Xylene
Concen: 339.844 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

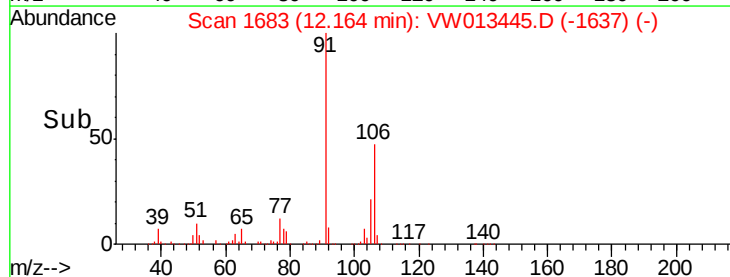
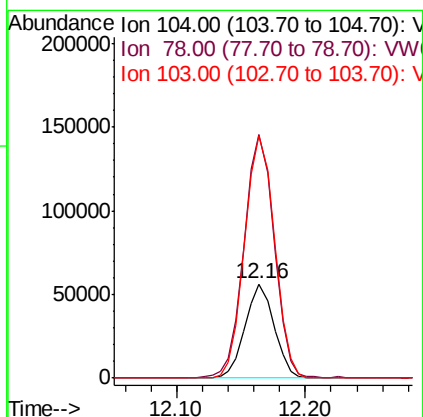
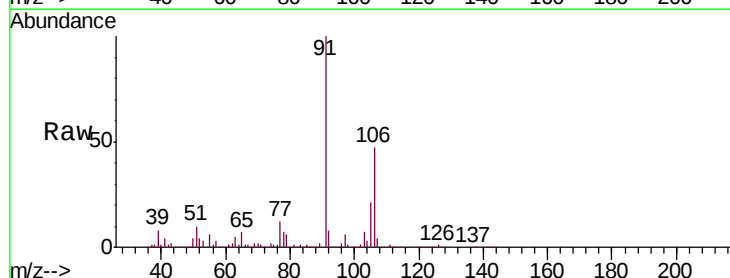
Instrument :
MSVOA_W
ClientSampled :
13933

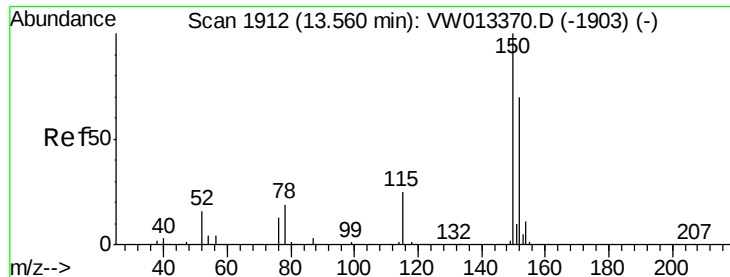
Tgt Ion:106 Resp: 1710426
Ion Ratio Lower Upper
106 100
91 210.0 106.5 319.5



#70
Styrene
Concen: 10.198 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion:104 Resp: 87741
Ion Ratio Lower Upper
104 100
78 267.6 38.4 57.6#
103 265.7 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampleId :

13933

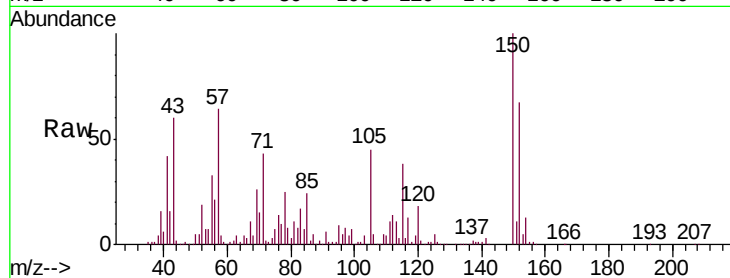
Tgt Ion:152 Resp: 166548

Ion Ratio Lower Upper

152 100

115 56.4 27.3 81.9

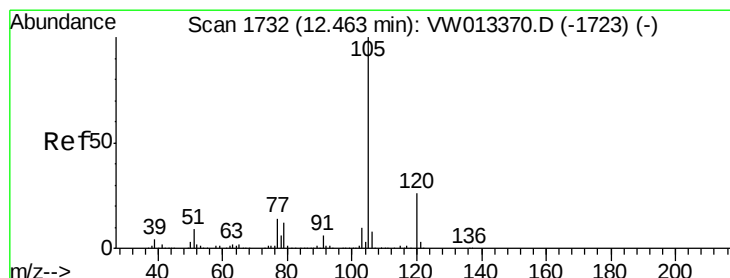
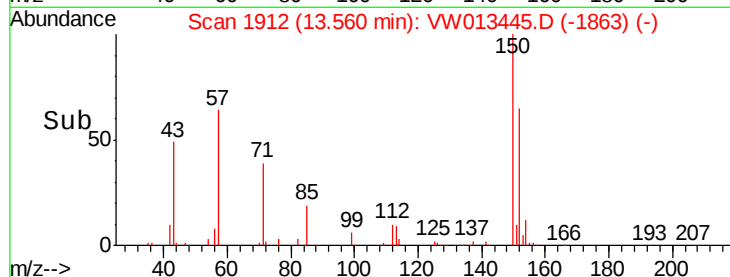
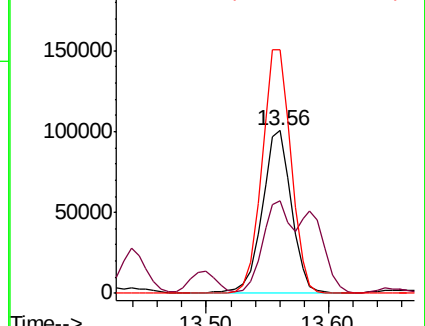
150 149.0 0.0 349.0



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: 52.534 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013445.D

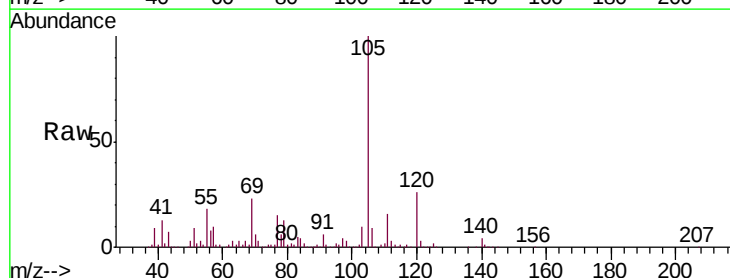
Acq: 04 Oct 2019 17:54

Tgt Ion:105 Resp: 639997

Ion Ratio Lower Upper

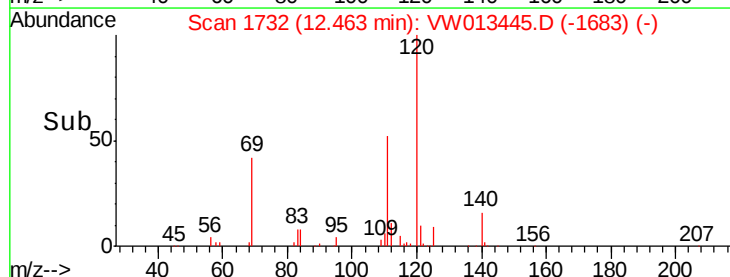
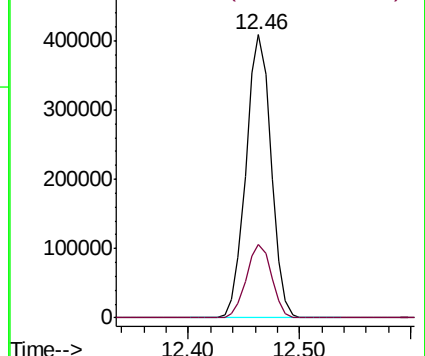
105 100

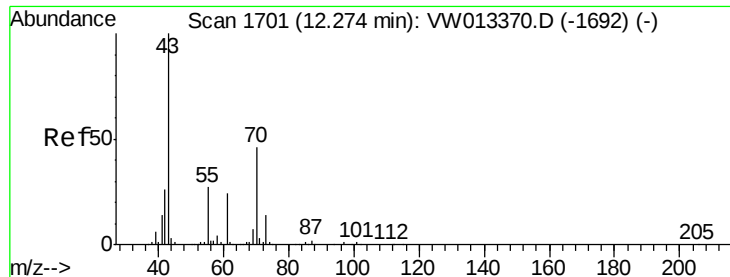
120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 136.218 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampleId :
13933

Tgt Ion: 43 Resp: 353173

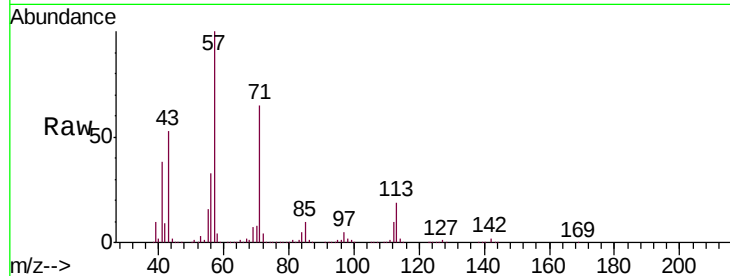
Ion Ratio Lower Upper

43 100

70 21.5 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#

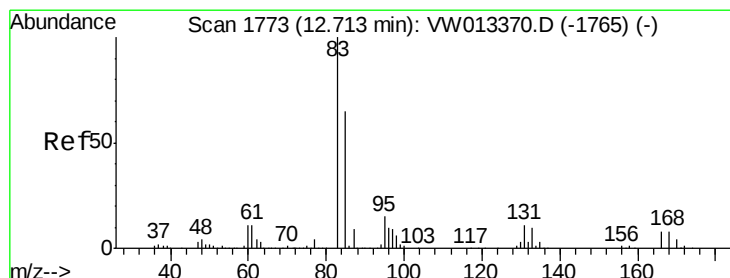
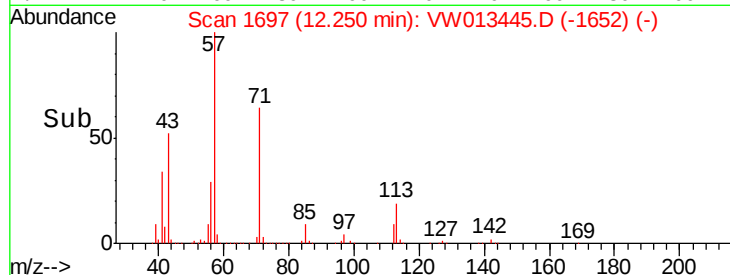
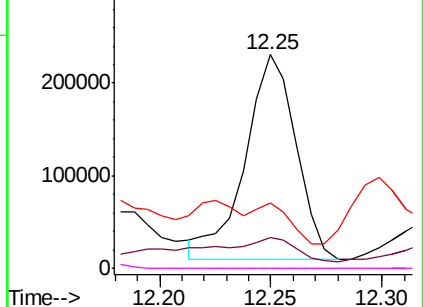


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 33.387 ug/l

RT: 12.78 min Scan# 1784

Delta R.T. 0.07 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

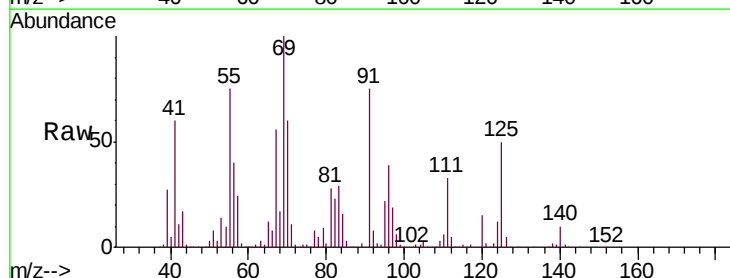
Tgt Ion: 83 Resp: 68844

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

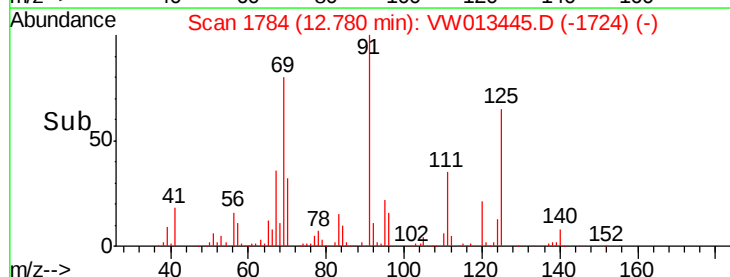
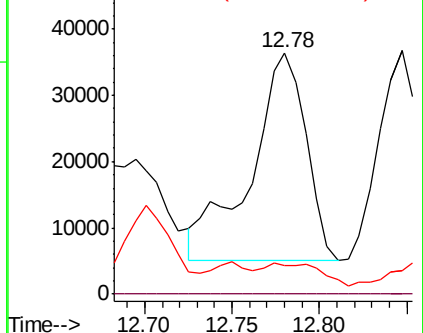
85 0.0 31.9 95.9#

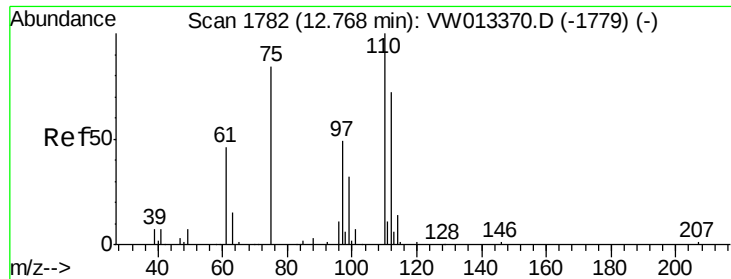


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

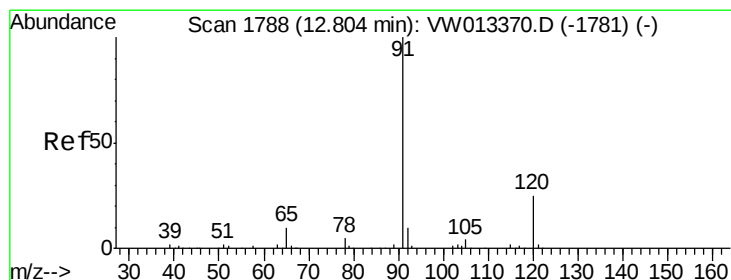
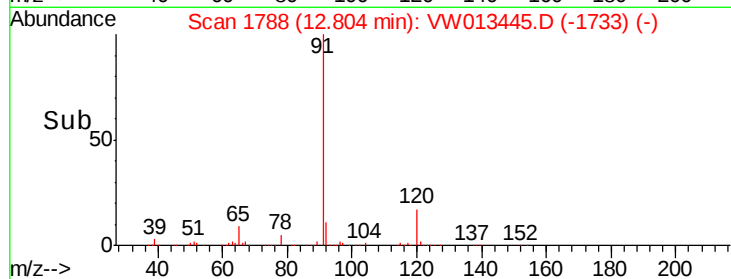
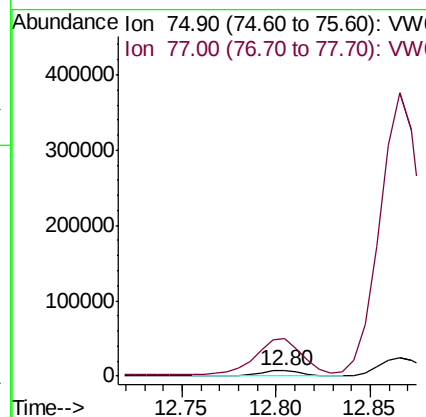
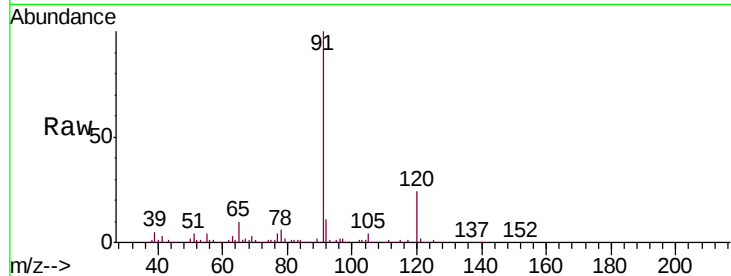




#76
 1,2,3-Trichloropropane
 Concen: 7.533 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

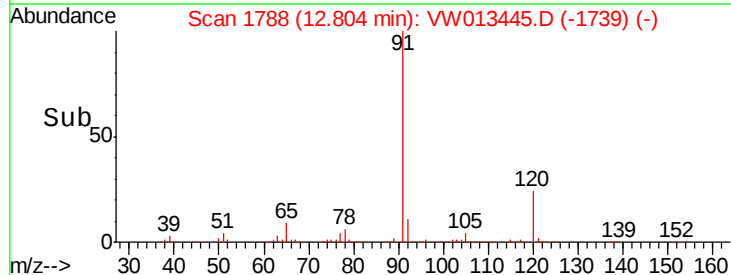
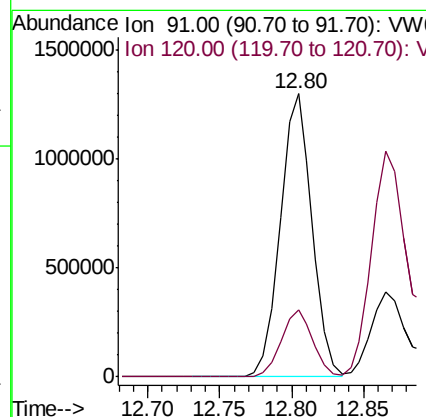
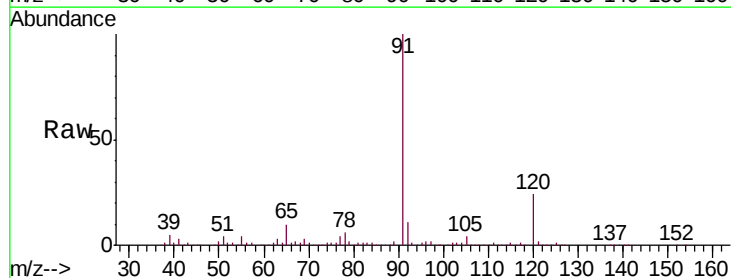
Instrument :
 MSVOA_W
 ClientSampleId :
 13933

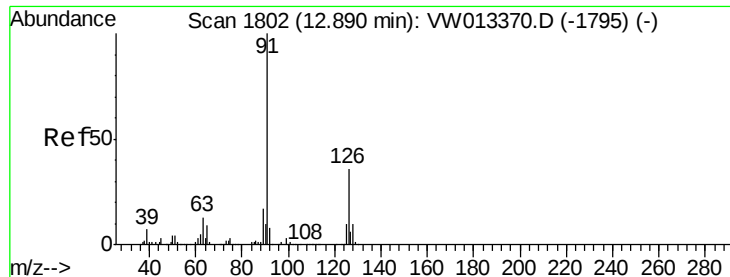
Tgt Ion: 75 Resp: 11150
 Ion Ratio Lower Upper
 75 100
 77 694.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 141.934 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 91 Resp: 1988987
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.7 35.1

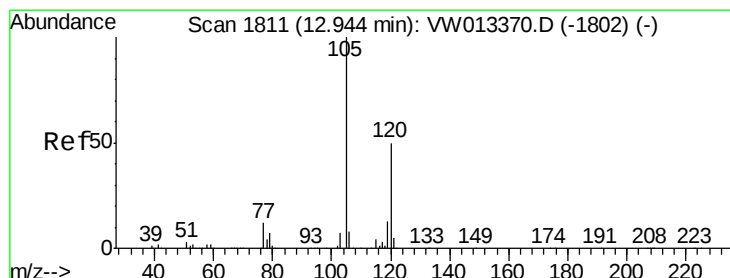
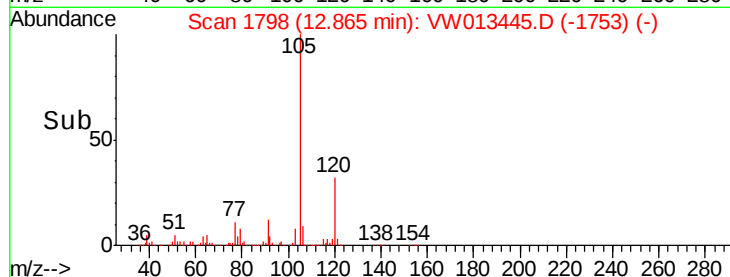
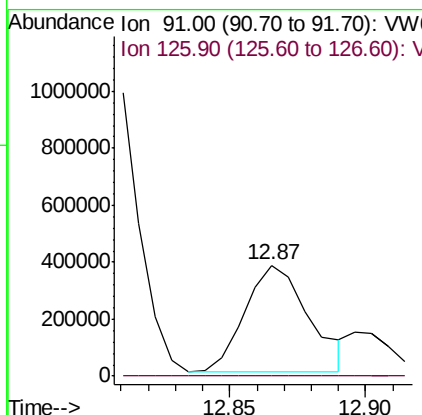
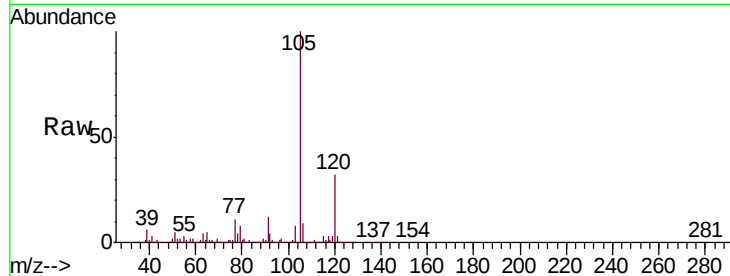




#79
 2-Chlorotoluene
 Concen: 78.108 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

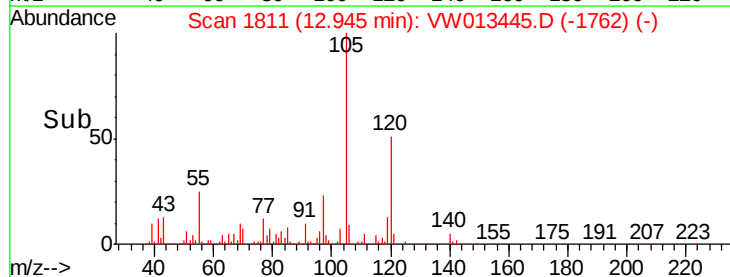
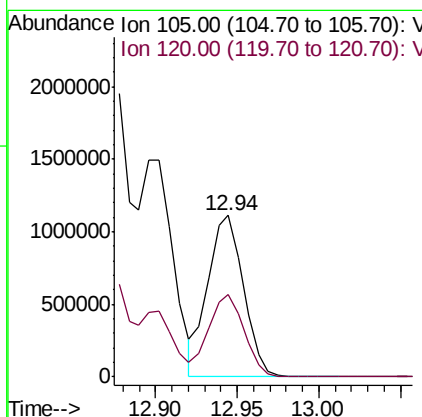
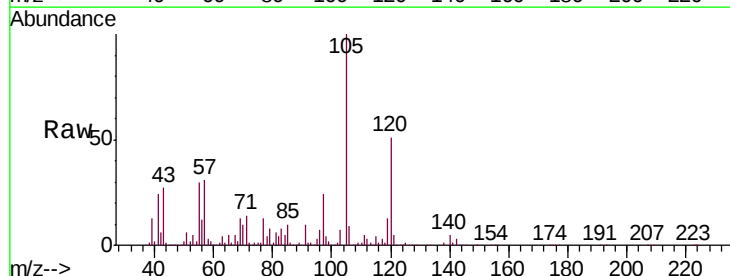
Instrument :
 MSVOA_W
 ClientSampleId :
 13933

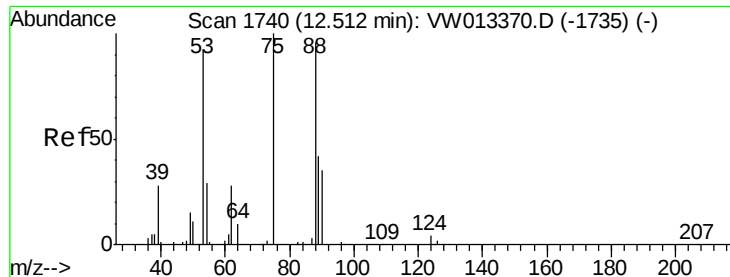
Tgt Ion: 91 Resp: 607949
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.2 51.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 167.711 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 105 Resp: 1697231
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 13.403 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW013445.D

Acq: 04 Oct 2019 17:54

Instrument :

MSVOA_W

ClientSampled :
13933

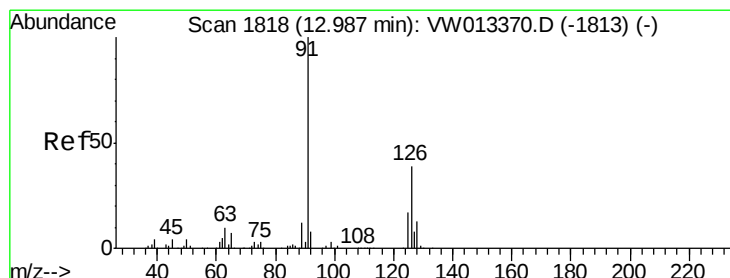
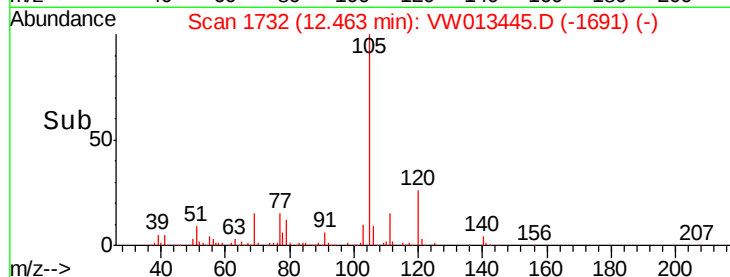
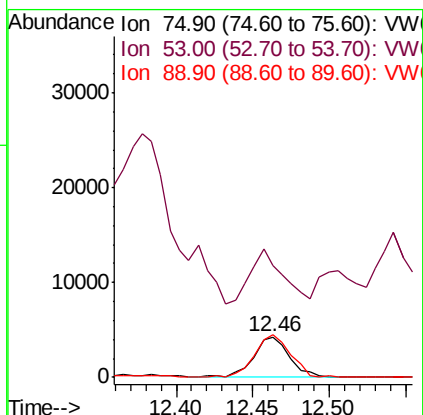
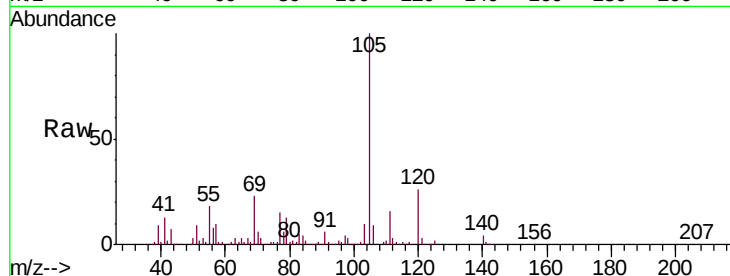
Tgt Ion: 75 Resp: 6993

Ion Ratio Lower Upper

75 100

53 122.1 76.6 114.8#

89 107.2 33.5 50.3#



#82

4-Chlorotoluene

Concen: 20.830 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VW013445.D

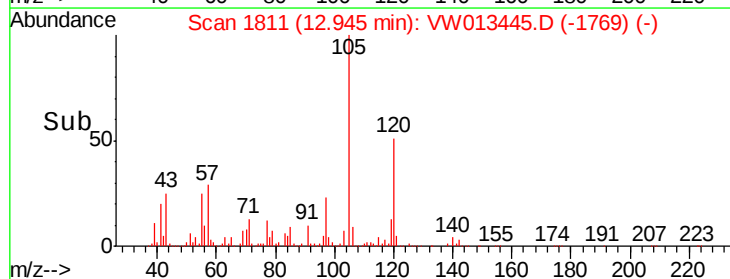
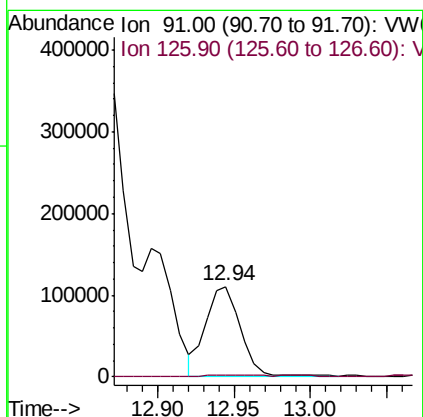
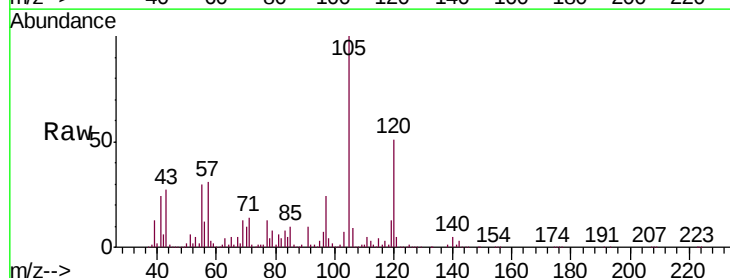
Acq: 04 Oct 2019 17:54

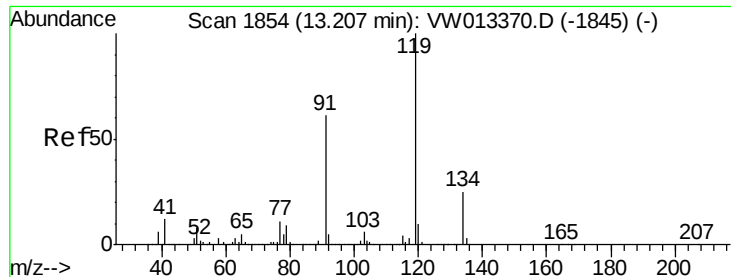
Tgt Ion: 91 Resp: 169837

Ion Ratio Lower Upper

91 100

126 3.1 17.3 51.7#

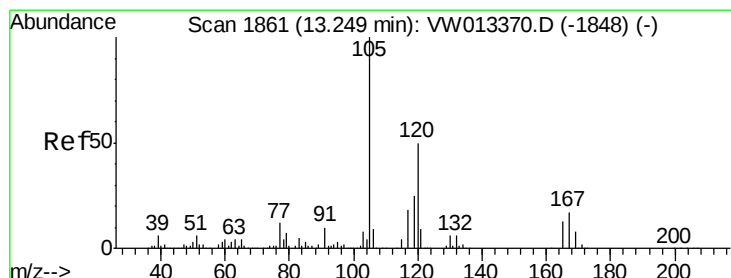
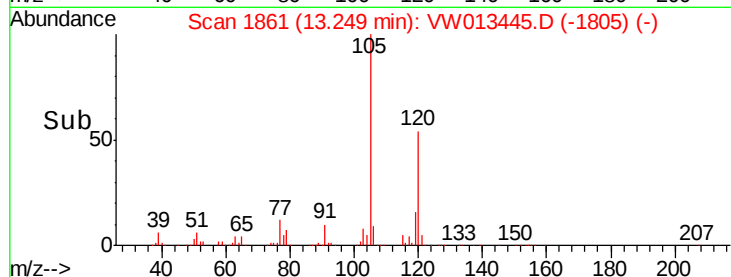
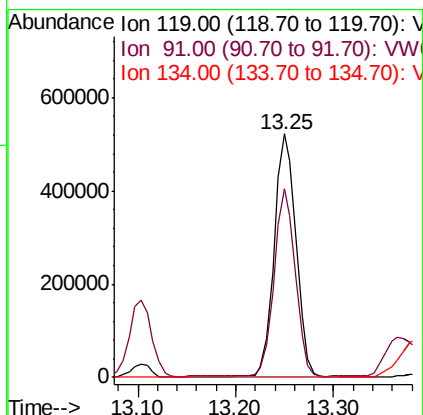
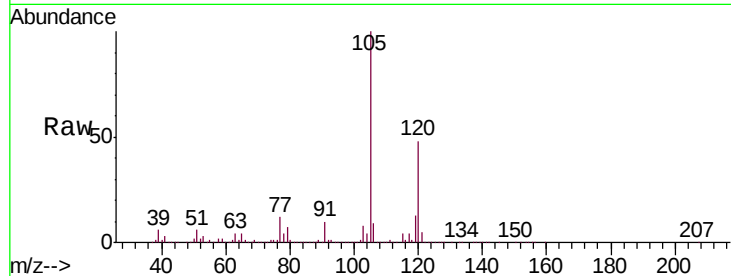




#83
 tert-Butylbenzene
 Concen: 93.039 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.04 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

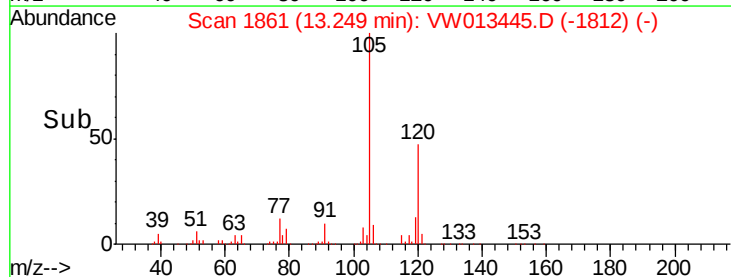
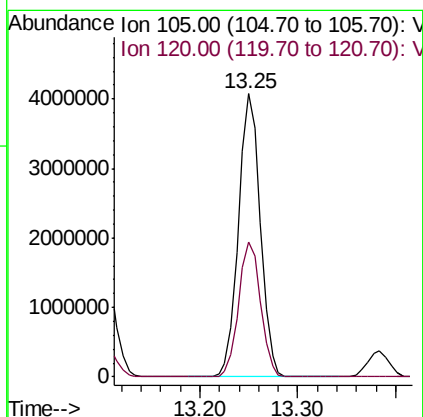
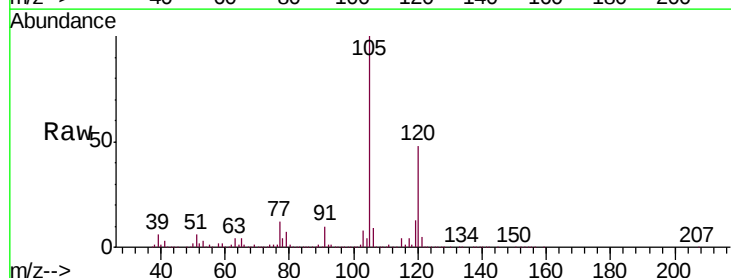
Instrument :
 MSVOA_W
 ClientSampleId :
 13933

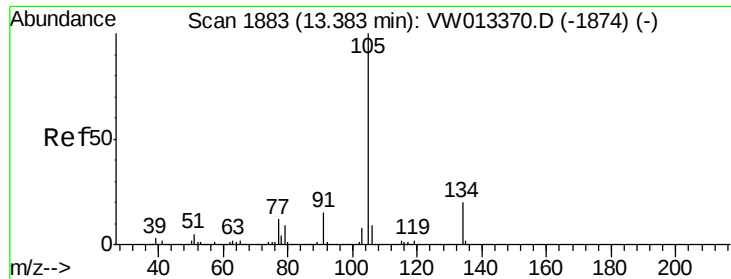
Tgt Ion:119 Resp: 822407
 Ion Ratio Lower Upper
 119 100
 91 74.3 30.7 92.1
 134 0.0 12.6 37.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 624.859 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion:105 Resp: 6286353
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.4 70.3

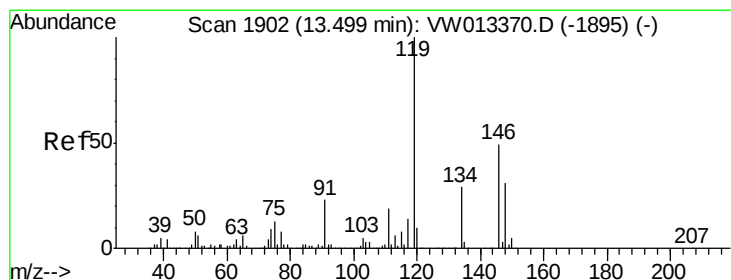
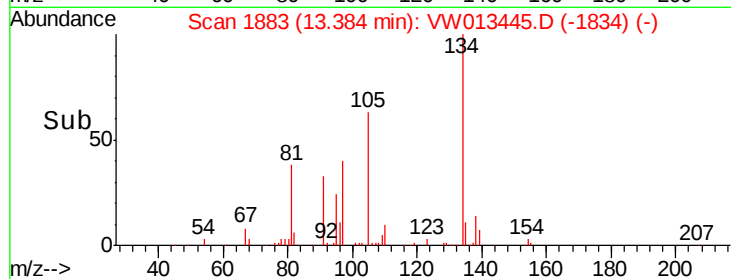
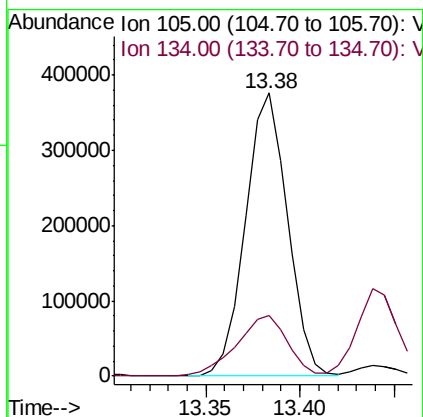
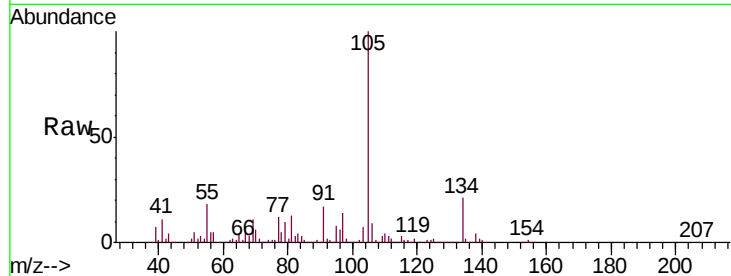




#85
 sec-Butylbenzene
 Concen: 47.546 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

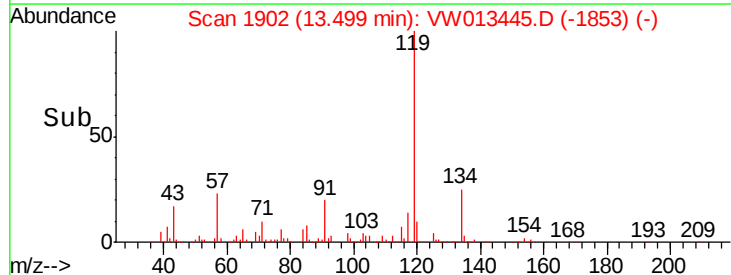
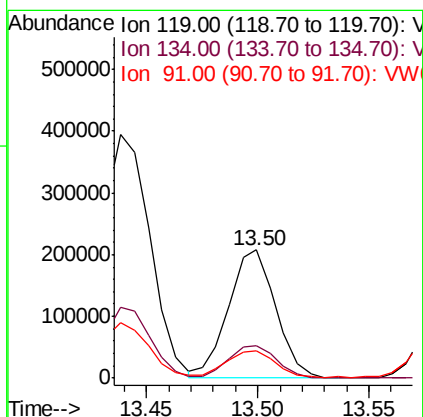
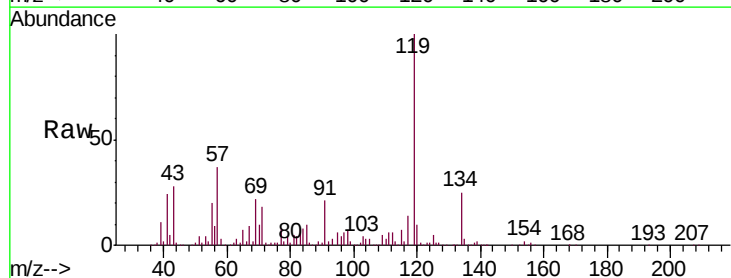
Instrument :
 MSVOA_W
 ClientSampleId :
 13933

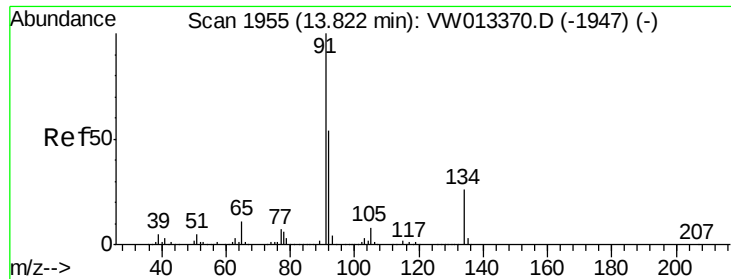
Tgt Ion:105 Resp: 579453
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 27.169 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion:119 Resp: 306862
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 21.0 10.8 32.4

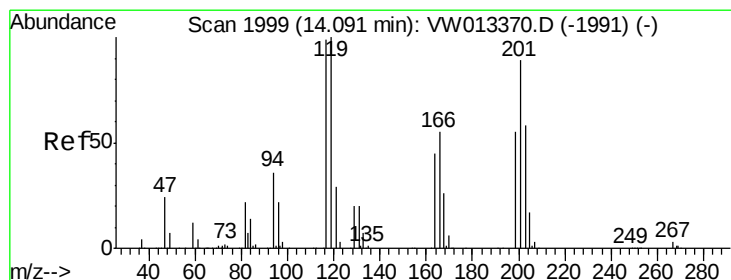
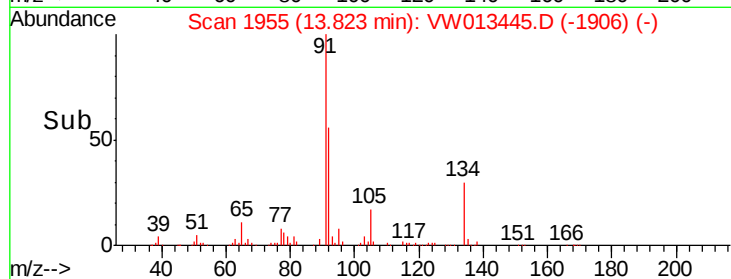
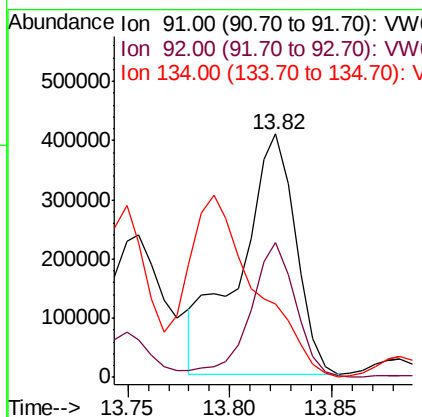
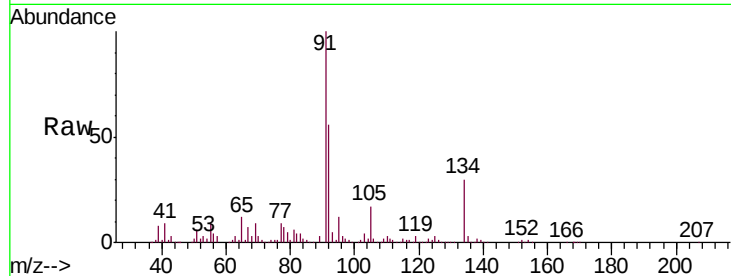




#89
n-Butylbenzene
Concen: 75.740 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

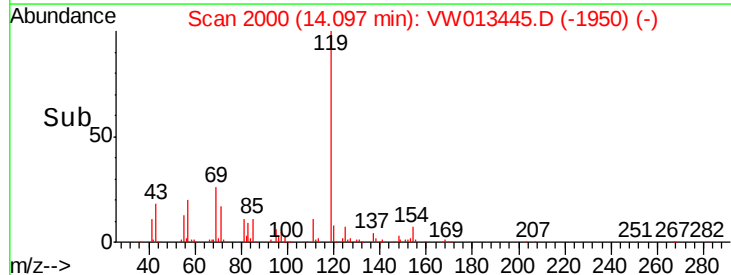
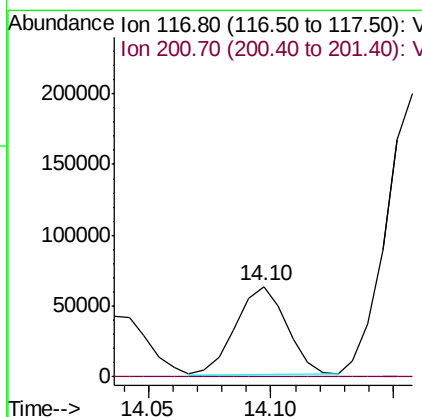
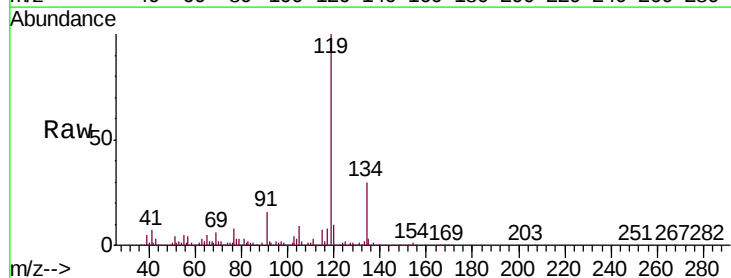
Instrument :
MSVOA_W
ClientSampleId :
13933

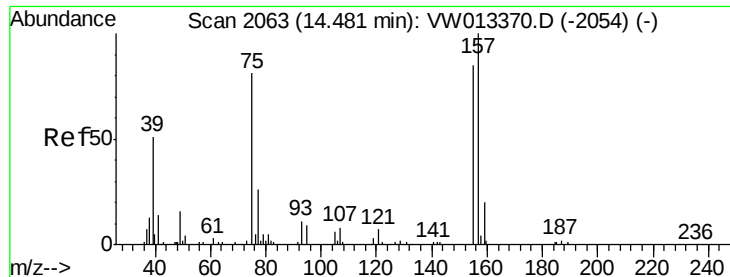
Tgt Ion: 91 Resp: 771243
Ion Ratio Lower Upper
91 100
92 45.4 27.6 82.8
134 0.0 13.7 41.1#



#90
Hexachloroethane
Concen: 48.274 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013445.D
Acq: 04 Oct 2019 17:54

Tgt Ion: 117 Resp: 90079
Ion Ratio Lower Upper
117 100
201 0.0 44.5 133.5#

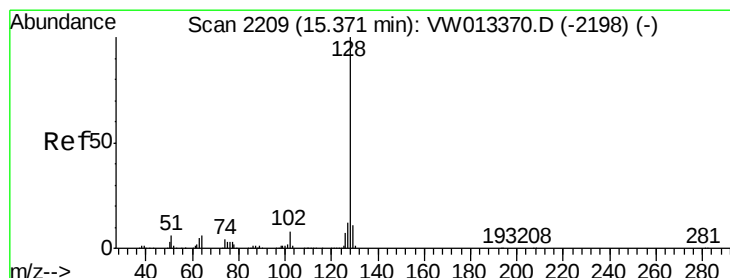
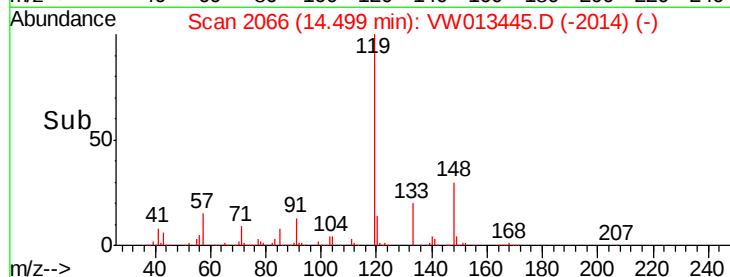
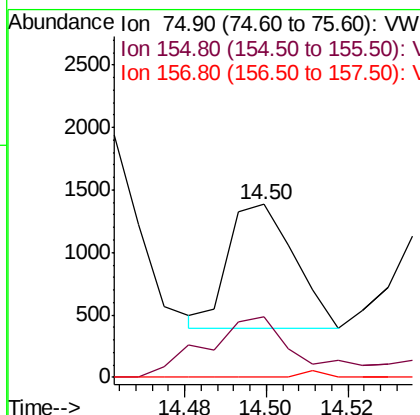
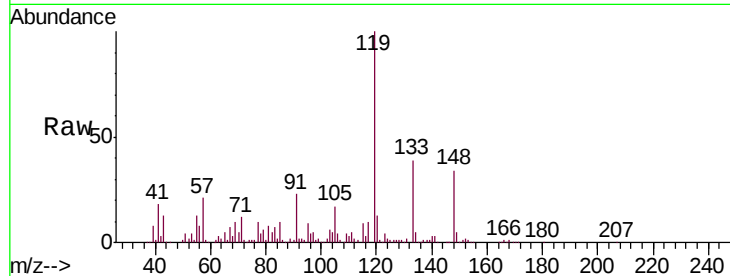




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.618 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Instrument :
 MSVOA_W
 ClientSampleId :
 13933

Tgt Ion: 75 Resp: 1116
 Ion Ratio Lower Upper
 75 100
 155 71.1 46.1 138.3
 157 1.8 60.4 181.2#



#95
 Naphthalene
 Concen: 48.859 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW013445.D
 Acq: 04 Oct 2019 17:54

Tgt Ion: 128 Resp: 287771
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.6 15.8
 129 12.0 8.7 13.1

