

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
 Data File : VW014712.D
 Acq On : 22 Jan 2020 14:41
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Quant Time: Jan 22 15:13:30 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	655824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	986042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	844785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	421517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	302172	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	7.88	113	296457	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.32	98	1233076	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	412380	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	89189	24.09	ug/l	99
3) Chloromethane	2.21	50	118067	26.05	ug/l	99
4) Vinyl Chloride	2.35	62	167002	25.05	ug/l	99
5) Bromomethane	2.78	94	98305	23.87	ug/l	94
6) Chloroethane	2.91	64	91867	24.17	ug/l	97
7) Trichlorofluoromethane	3.25	101	85106	25.52	ug/l	90
8) Diethyl Ether	3.67	74	69701	21.00	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145520	23.35	ug/l	99
10) Methyl Iodide	4.27	142	199636	21.23	ug/l	98
11) Tert butyl alcohol	5.16	59	47028	91.87	ug/l	99
12) 1,1-Dichloroethene	4.03	96	148880	22.81	ug/l	96
13) Acrolein	3.89	56	46356	92.63	ug/l	98
14) Allyl chloride	4.66	41	235517	23.61	ug/l	99
15) Acrylonitrile	5.35	53	157504	103.83	ug/l	99
16) Acetone	4.11	43	161783	99.92	ug/l	97
17) Carbon Disulfide	4.37	76	440248	22.38	ug/l	98
18) Methyl Acetate	4.67	43	80165	20.50	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	176573	21.80	ug/l	98
20) Methylene Chloride	4.90	84	185773	26.22	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	157412	22.71	ug/l	99
22) Diisopropyl ether	6.31	45	439232	23.53	ug/l	98
23) Vinyl Acetate	6.24	43	1218518	108.10	ug/l	97
24) 1,1-Dichloroethane	6.21	63	275562	23.40	ug/l	99
25) 2-Butanone	7.17	43	203952	98.16	ug/l	94
26) 2,2-Dichloropropane	7.16	77	158036	24.24	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	163957	22.52	ug/l	96
28) Bromochloromethane	7.51	49	94662	20.51	ug/l	95
29) Tetrahydrofuran	7.52	42	125512	97.51	ug/l	97
30) Chloroform	7.67	83	253520	23.02	ug/l	96
31) Cyclohexane	7.95	56	280305	22.91	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	208263	23.52	ug/l	99
36) 1,1-Dichloropropene	8.07	75	223099	23.47	ug/l	98
37) Ethyl Acetate	7.24	43	89041	20.65	ug/l	98
38) Carbon Tetrachloride	8.06	117	191020	23.16	ug/l	98

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Quant Time: Jan 22 15:13:30 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)
39) Methylcyclohexane	9.33	83	271934	22.29	ug/l	95
40) Benzene	8.32	78	614838	22.86	ug/l	100
41) Methacrylonitrile	7.48	41	49587	20.63	ug/l	96
42) 1,2-Dichloroethane	8.39	62	157064	22.50	ug/l	99
43) Isopropyl Acetate	8.42	43	159459	20.37	ug/l	99
44) Trichloroethene	9.09	130	160938	22.11	ug/l	90
45) 1,2-Dichloropropane	9.37	63	150835	22.85	ug/l	96
46) Dibromomethane	9.45	93	69725	21.40	ug/l	97
47) Bromodichloromethane	9.64	83	181207	22.53	ug/l	99
48) Methyl methacrylate	9.43	41	78538	20.55	ug/l	100
49) 1,4-Dioxane	9.44	88	24313	398.97	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	409430	100.71	ug/l	98
52) Toluene	10.38	92	384352	22.72	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	175943	21.13	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221421	21.75	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	99920	21.00	ug/l	96
56) Ethyl methacrylate	10.64	69	123692	20.00	ug/l	98
57) 1,3-Dichloropropane	10.93	76	179136	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	187514	99.70	ug/l	98
59) 2-Hexanone	10.96	43	277891	99.19	ug/l	96
60) Dibromochloromethane	11.12	129	108890	20.28	ug/l	96
61) 1,2-Dibromoethane	11.23	107	94066	20.83	ug/l	100
64) Tetrachloroethene	10.86	164	135433	22.14	ug/l	98
65) Chlorobenzene	11.65	112	383335	22.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	129489	22.22	ug/l	99
67) Ethyl Benzene	11.73	91	710365	22.78	ug/l	98
68) m/p-Xylenes	11.83	106	541102	45.33	ug/l	98
69) o-Xylene	12.16	106	247968	22.49	ug/l	100
70) Styrene	12.18	104	423229	22.69	ug/l	99
71) Bromoform	12.35	173	63216	19.89	ug/l #	100
73) Isopropylbenzene	12.46	105	690468	22.32	ug/l	99
74) N-amyl acetate	12.27	43	140196	20.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	112347	20.12	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	145627	36.54	ug/l #	100
77) Bromobenzene	12.74	156	155199	21.61	ug/l	99
78) n-propylbenzene	12.80	91	830402	22.83	ug/l	99
79) 2-Chlorotoluene	12.89	91	460899	22.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	584442	22.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34013	19.02	ug/l	92
82) 4-Chlorotoluene	12.99	91	487902	22.69	ug/l	99
83) tert-Butylbenzene	13.20	119	503922	22.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	585450	22.65	ug/l	100
85) sec-Butylbenzene	13.38	105	717027	22.78	ug/l	99
86) p-Isopropyltoluene	13.49	119	653222	22.77	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	307183	21.99	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296597	21.51	ug/l	98
89) n-Butylbenzene	13.82	91	612941	23.01	ug/l	99
90) Hexachloroethane	14.09	117	109222	21.80	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	267467	21.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17821	20.16	ug/l	92

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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)
93) 1,2,4-Trichlorobenzene	15.13	180	182328	21.99	ug/l	98
94) Hexachlorobutadiene	15.23	225	125785	22.64	ug/l	99
95) Naphthalene	15.36	128	286516	20.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	156234	21.62	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

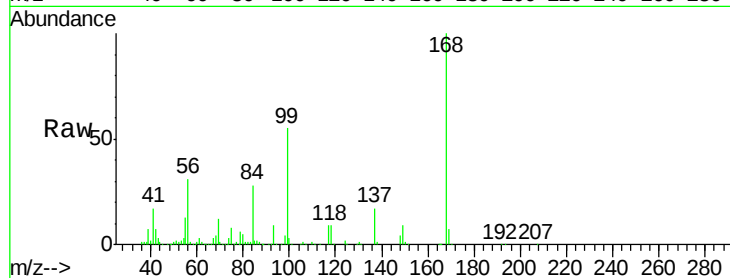
VW0122SBS01

Tgt Ion:168 Resp: 655824

Ion Ratio Lower Upper

168 100

99 55.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

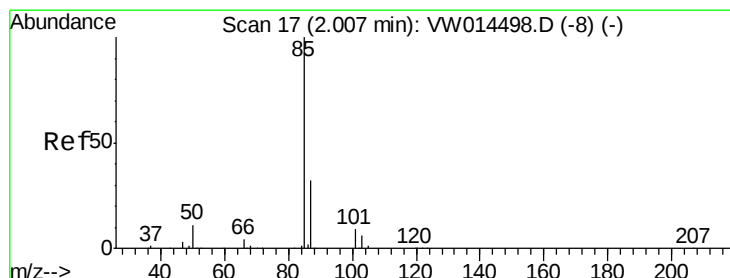
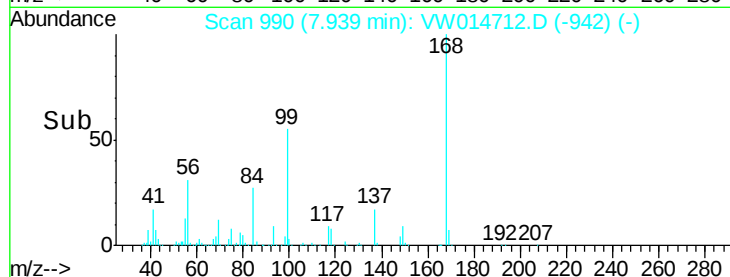
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.09 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014712.D

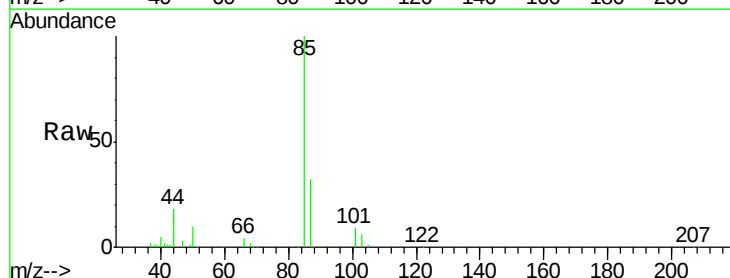
Acq: 22 Jan 2020 14:41

Tgt Ion: 85 Resp: 89189

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

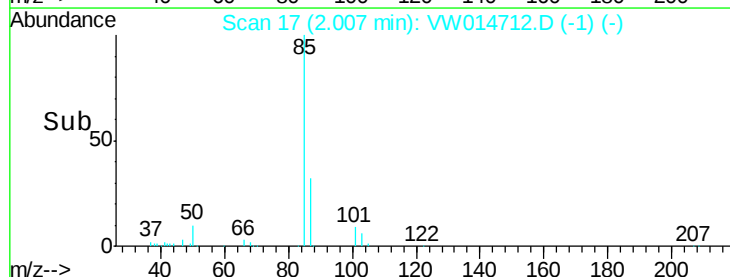
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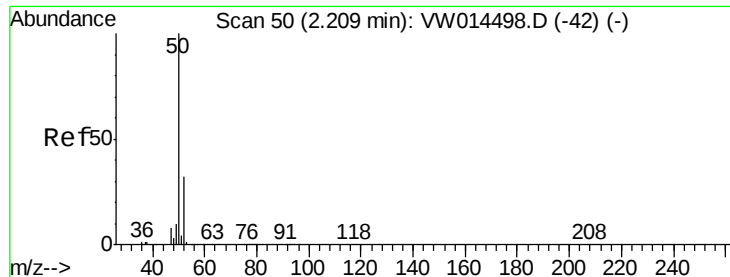
10000

5000

0

Time-->





#3

Chloromethane

Concen: 26.05 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

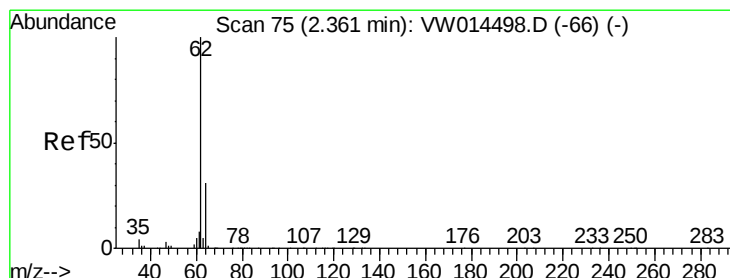
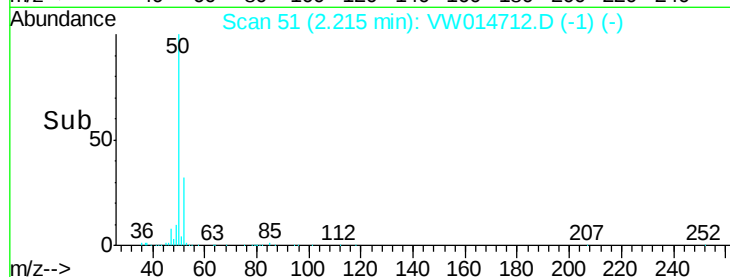
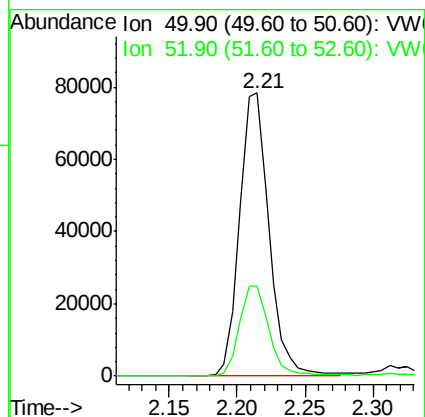
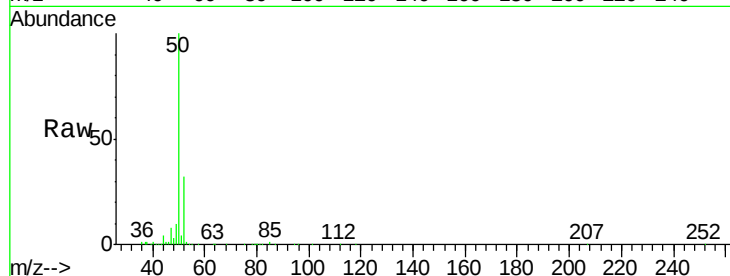
VW0122SBS01

Tgt Ion: 50 Resp: 118067

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.8



#4

Vinyl Chloride

Concen: 25.05 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014712.D

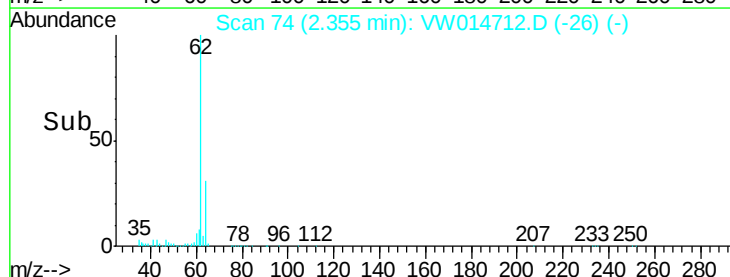
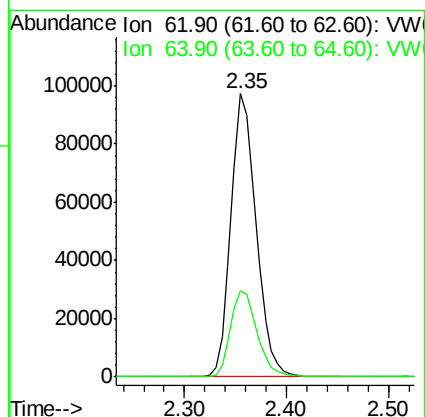
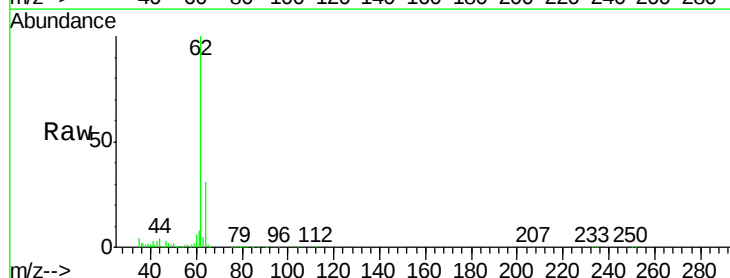
Acq: 22 Jan 2020 14:41

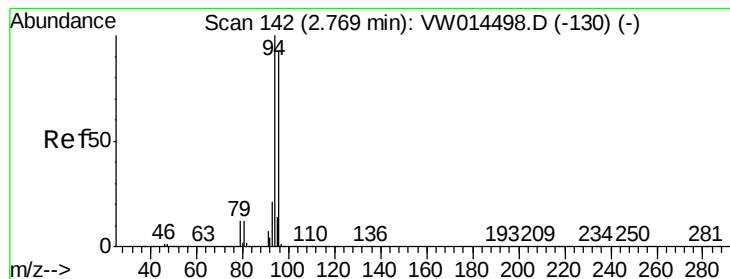
Tgt Ion: 62 Resp: 167002

Ion Ratio Lower Upper

62 100

64 30.5 25.0 37.4





#5

Bromomethane

Concen: 23.87 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

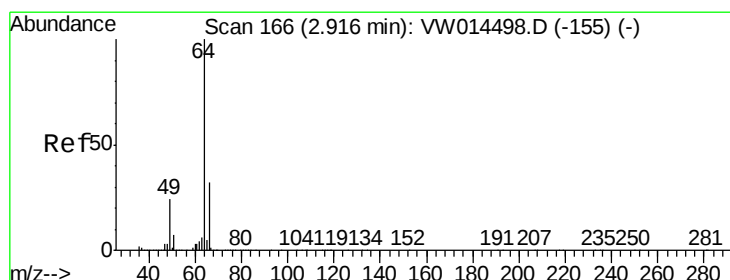
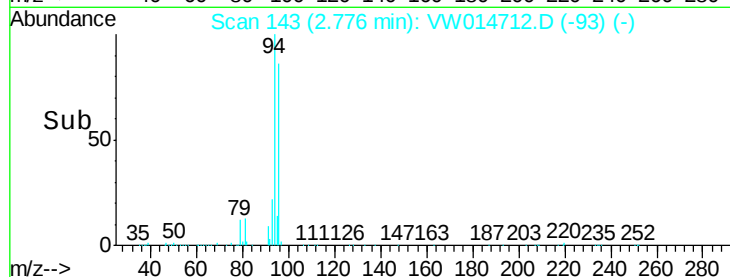
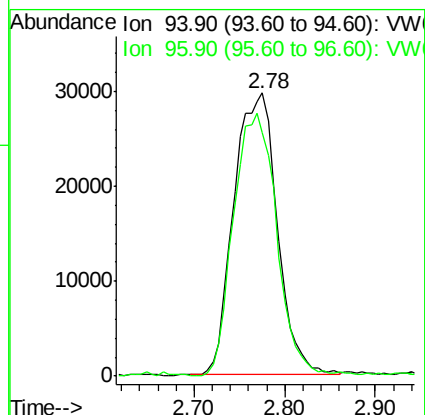
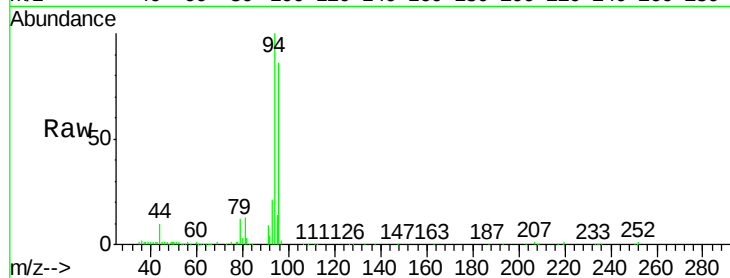
VW0122SBS01

Tgt Ion: 94 Resp: 98305

Ion Ratio Lower Upper

94 100

96 86.5 74.2 111.2



#6

Chloroethane

Concen: 24.17 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014712.D

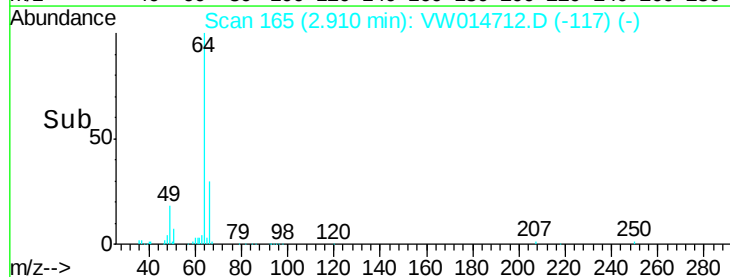
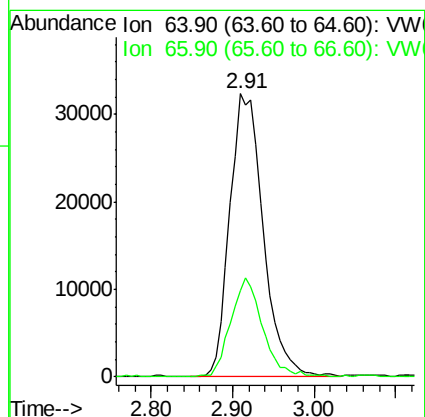
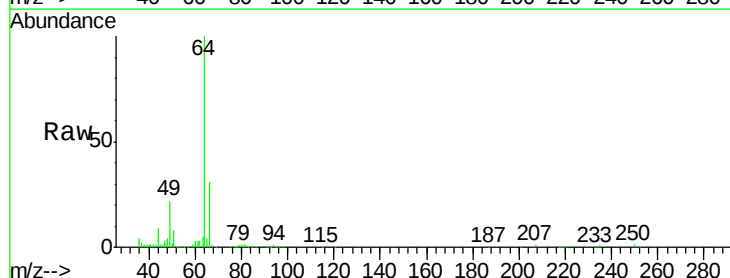
Acq: 22 Jan 2020 14:41

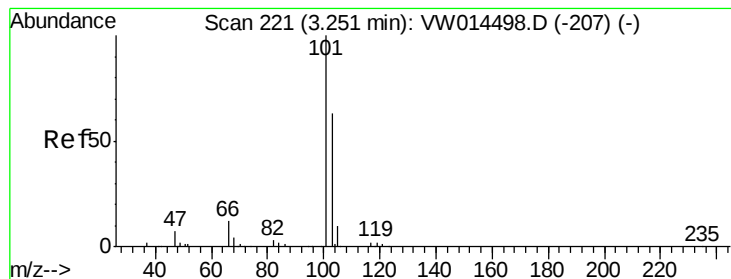
Tgt Ion: 64 Resp: 91867

Ion Ratio Lower Upper

64 100

66 30.4 25.7 38.5



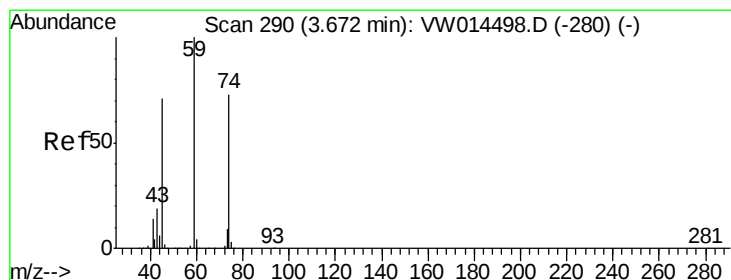
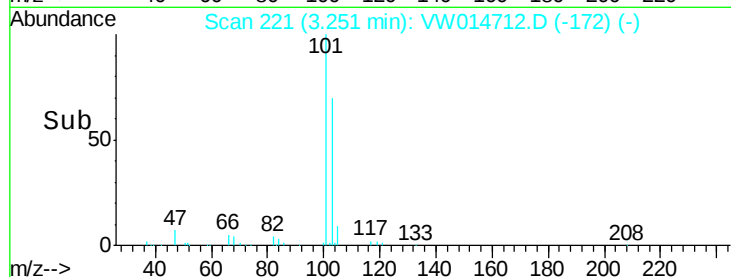
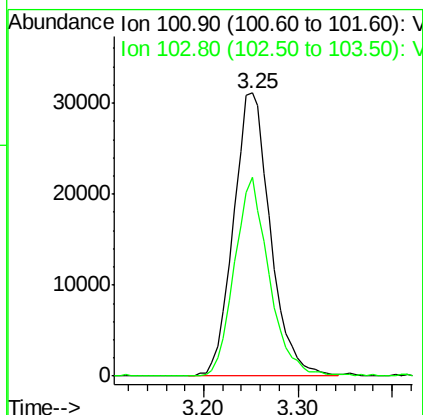
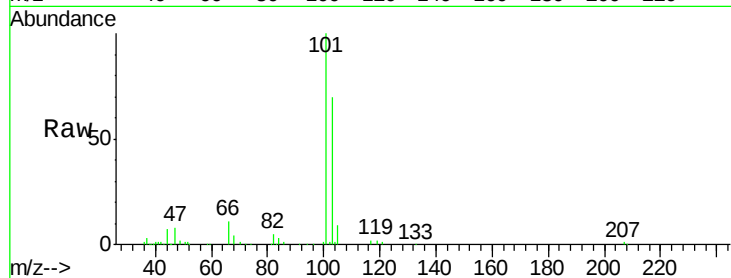


#7

Trichlorofluoromethane
 Concen: 25.52 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
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 VW0122SBS01

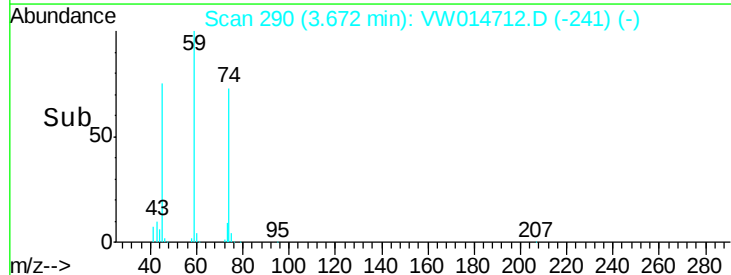
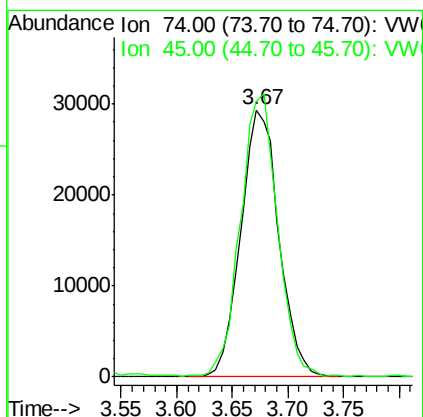
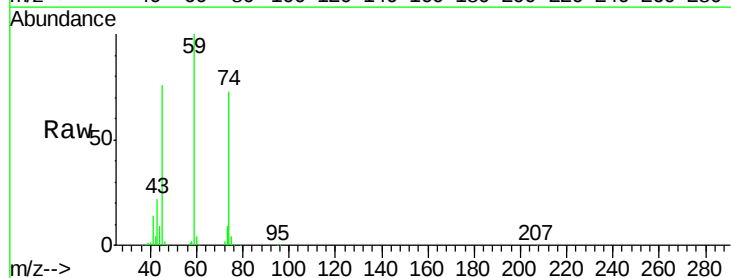
Tgt Ion:101 Resp: 85106
 Ion Ratio Lower Upper
 101 100
 103 70.3 50.1 75.1



#8

Diethyl Ether
 Concen: 21.00 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 74 Resp: 69701
 Ion Ratio Lower Upper
 74 100
 45 103.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.35 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

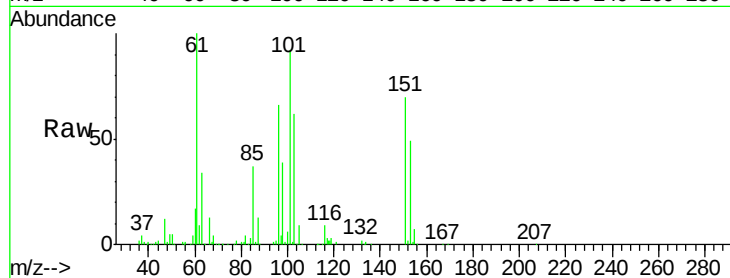
Tgt Ion:101 Resp: 145520

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

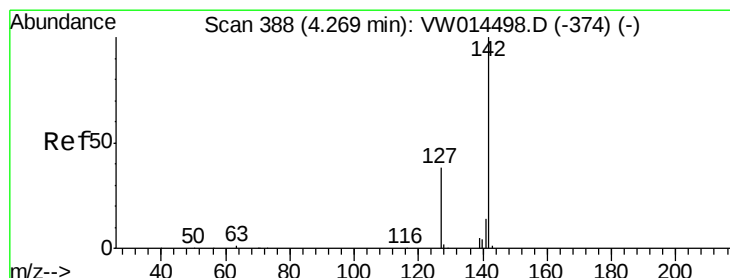
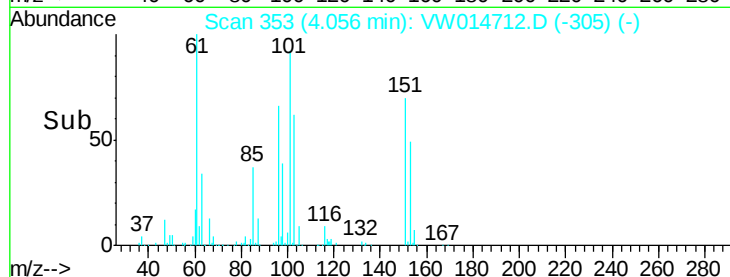
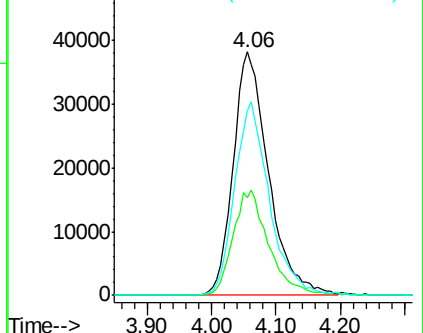
151 78.5 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.23 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

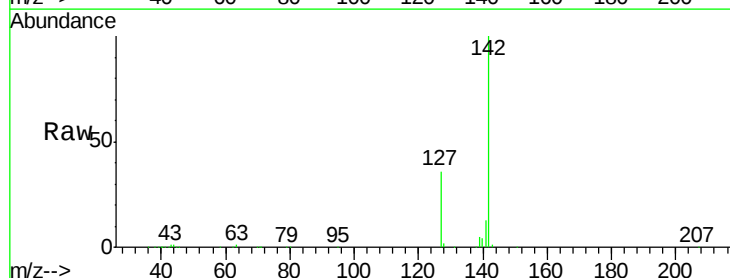
Tgt Ion:142 Resp: 199636

Ion Ratio Lower Upper

142 100

127 39.5 30.2 45.4

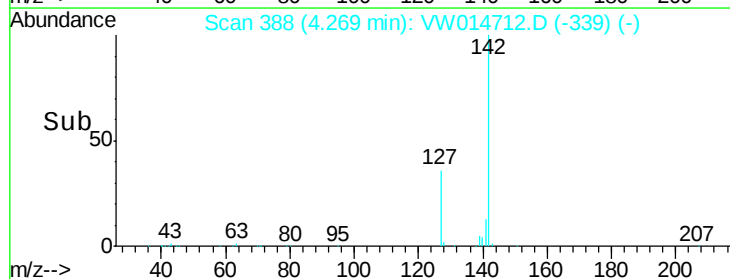
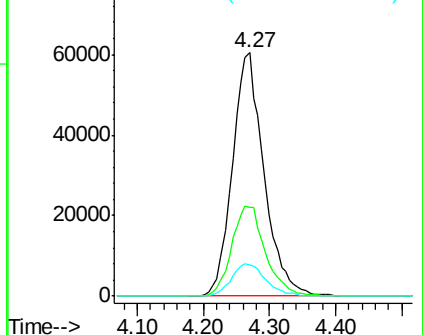
141 14.5 11.4 17.2

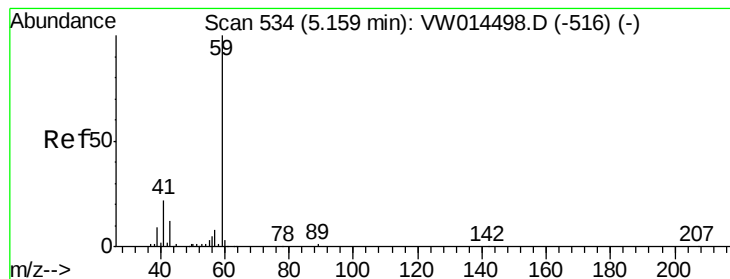


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.87 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampled :

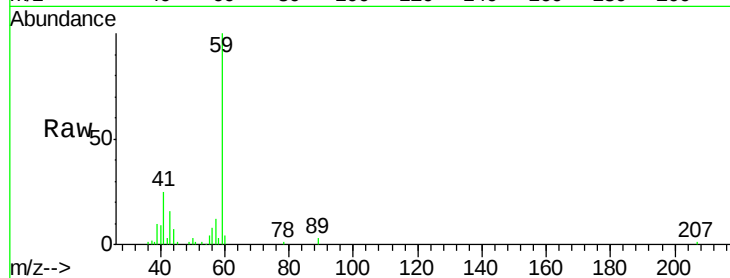
VW0122SBS01

Tgt Ion: 59 Resp: 47028

Ion Ratio Lower Upper

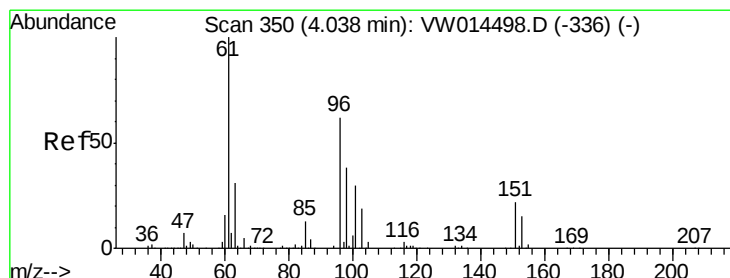
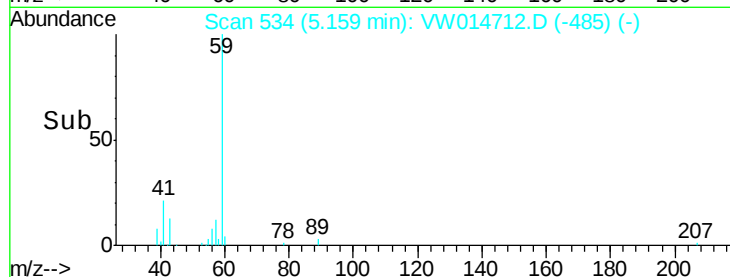
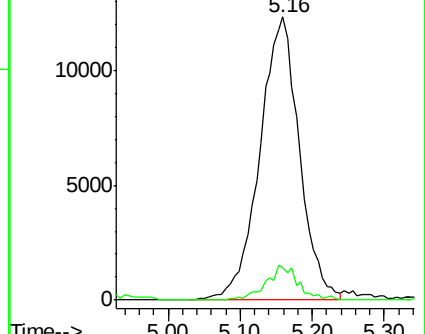
59 100

57 10.1 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 22.81 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

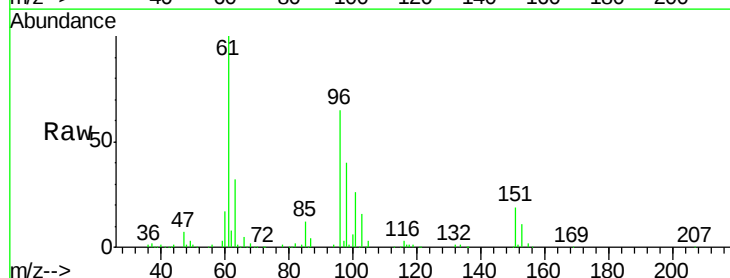
Tgt Ion: 96 Resp: 148880

Ion Ratio Lower Upper

96 100

61 152.7 128.4 192.6

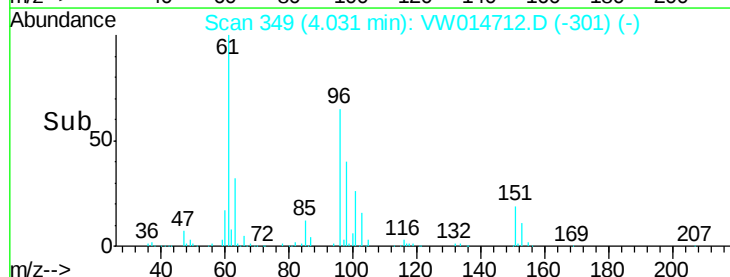
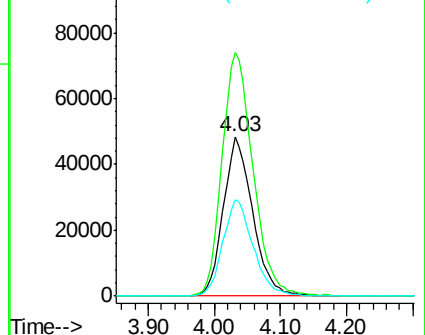
98 60.9 49.1 73.7

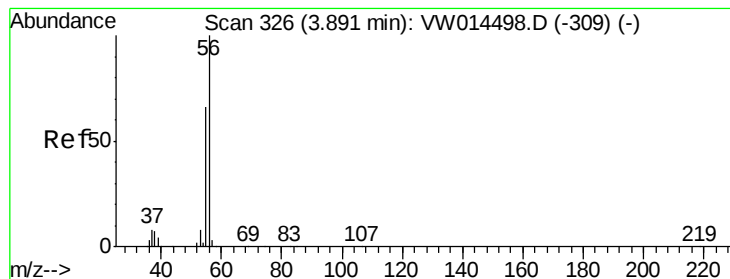


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 92.63 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

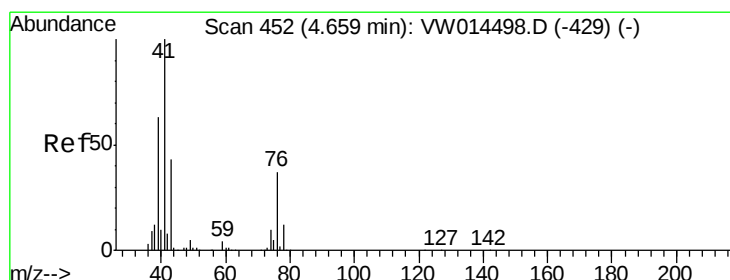
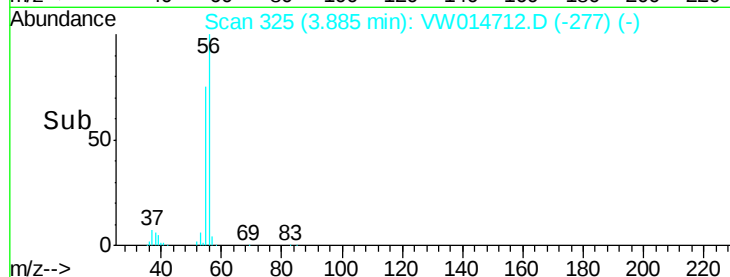
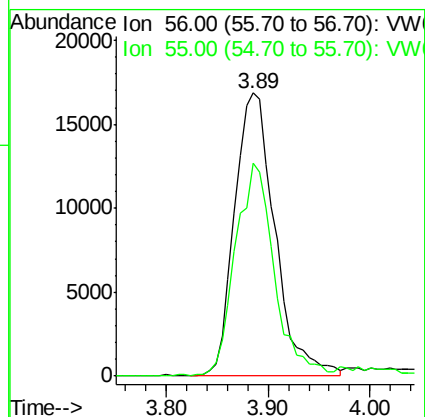
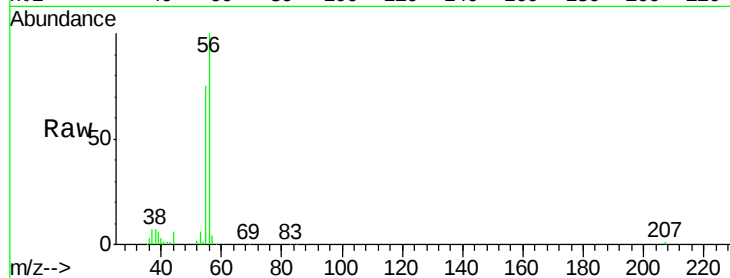
VW0122SBS01

Tgt Ion: 56 Resp: 46356

Ion Ratio Lower Upper

56 100

55 72.5 56.7 85.1



#14

Allyl chloride

Concen: 23.61 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

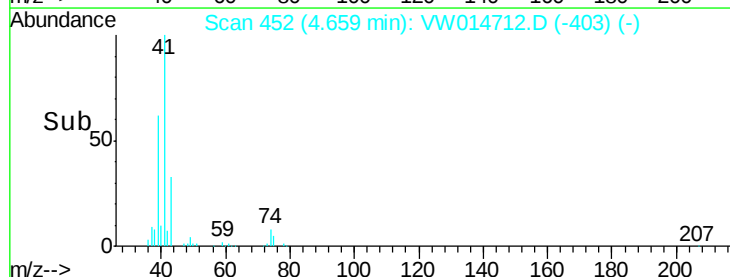
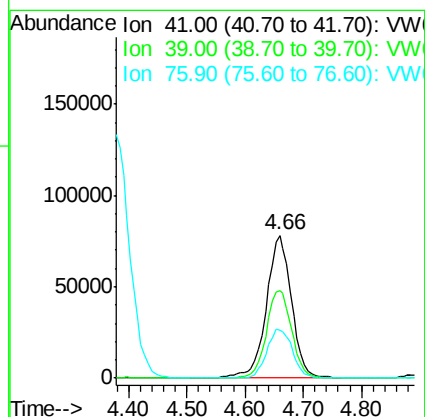
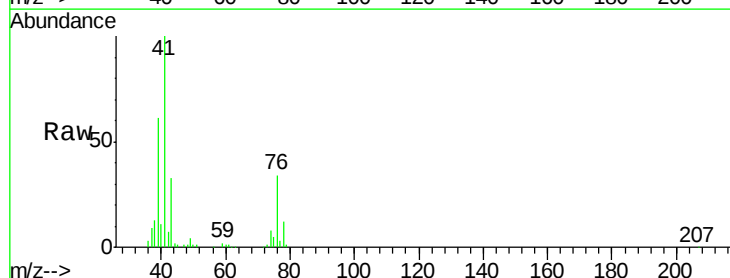
Tgt Ion: 41 Resp: 235517

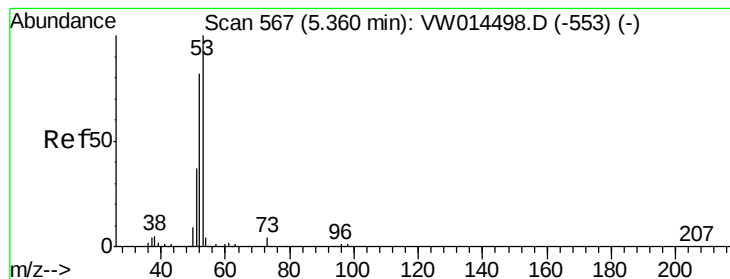
Ion Ratio Lower Upper

41 100

39 61.7 48.5 72.7

76 34.5 28.1 42.1





#15

Acrylonitrile

Concen: 103.83 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

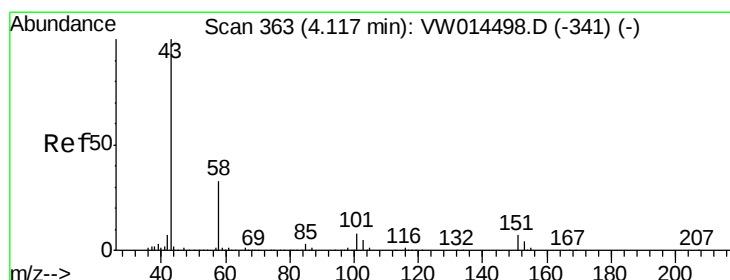
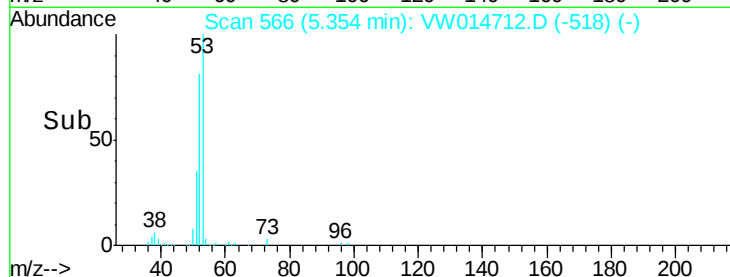
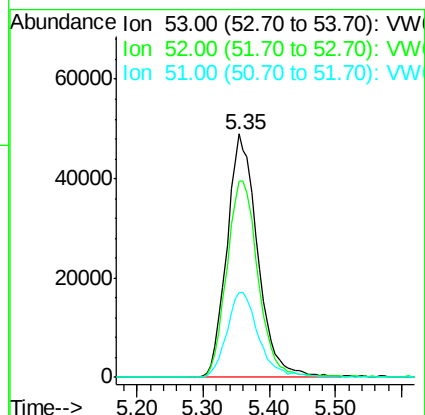
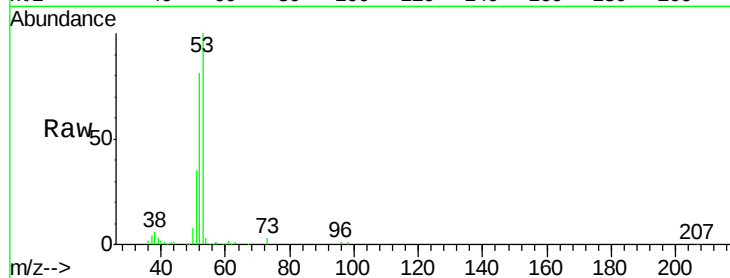
Tgt Ion: 53 Resp: 157504

Ion Ratio Lower Upper

53 100

52 81.7 66.5 99.7

51 36.2 28.4 42.6



#16

Acetone

Concen: 99.92 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014712.D

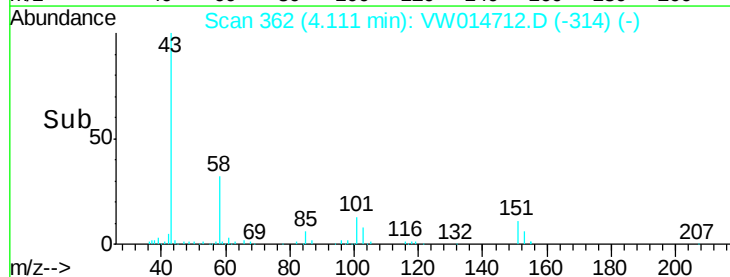
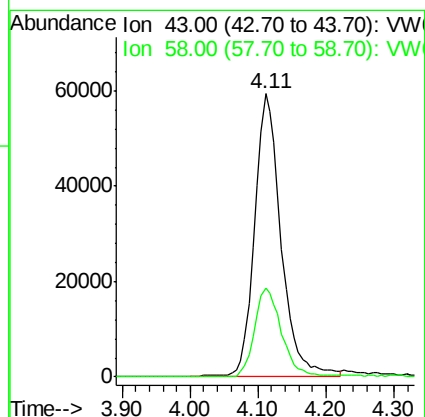
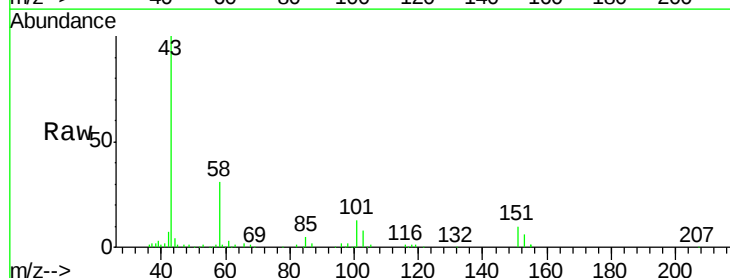
Acq: 22 Jan 2020 14:41

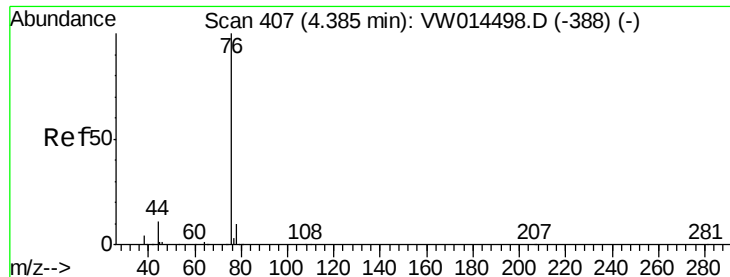
Tgt Ion: 43 Resp: 161783

Ion Ratio Lower Upper

43 100

58 31.2 26.6 39.8

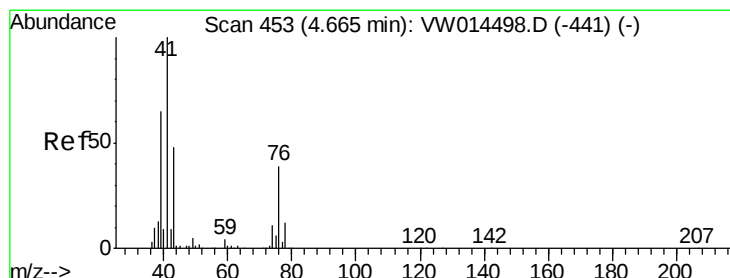
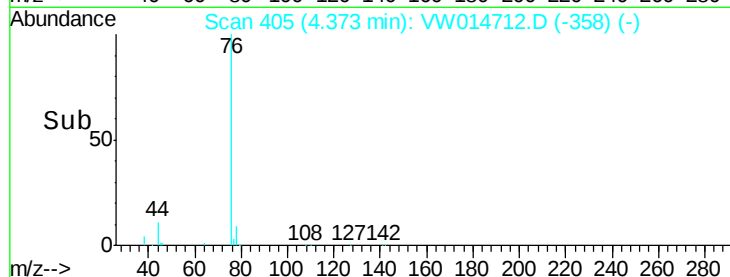
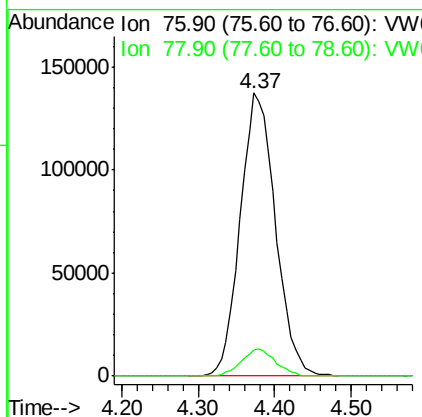
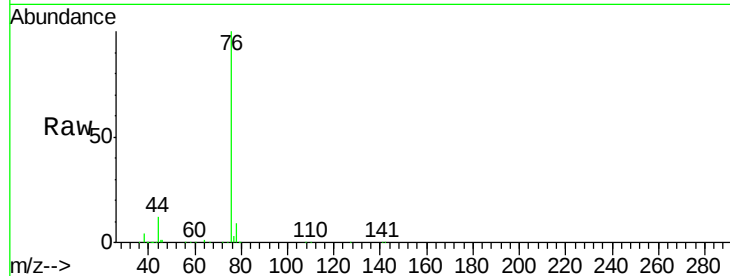




#17
Carbon Disulfide
Concen: 22.38 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

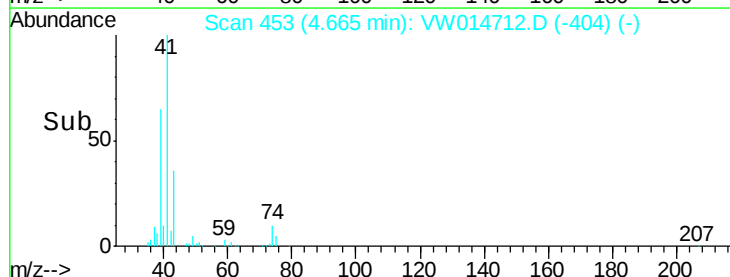
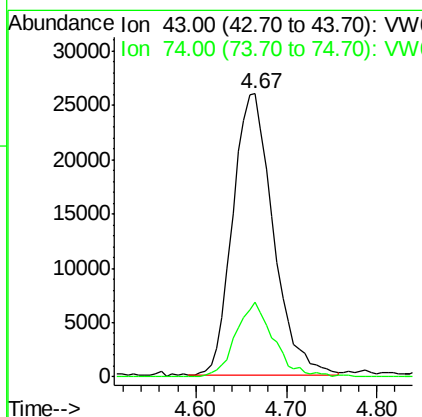
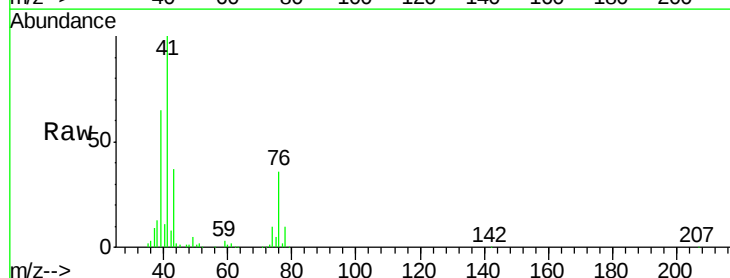
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

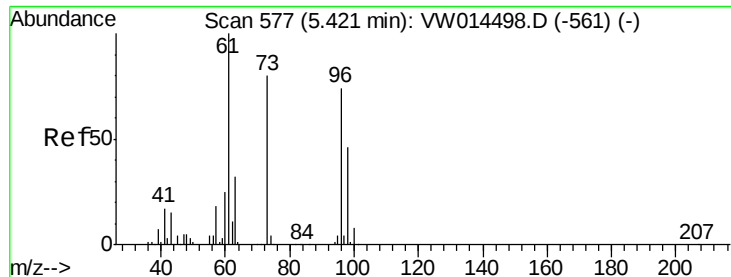
Tgt Ion: 76 Resp: 440248
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#18
Methyl Acetate
Concen: 20.50 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 43 Resp: 80165
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9

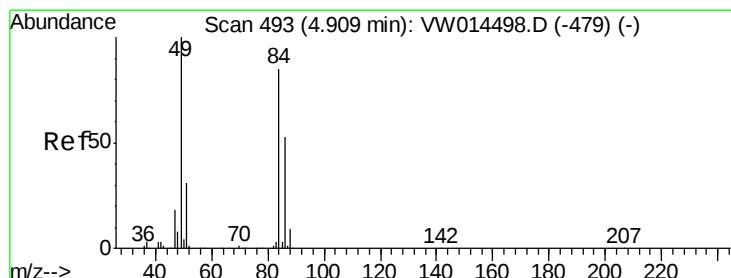
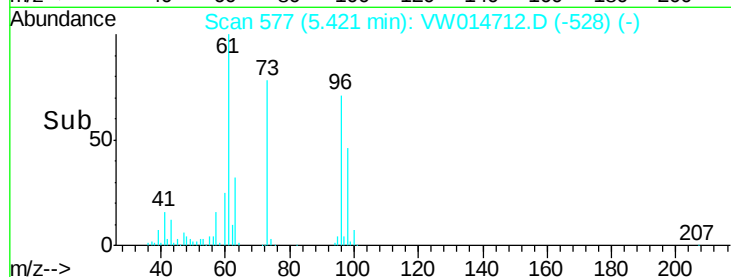
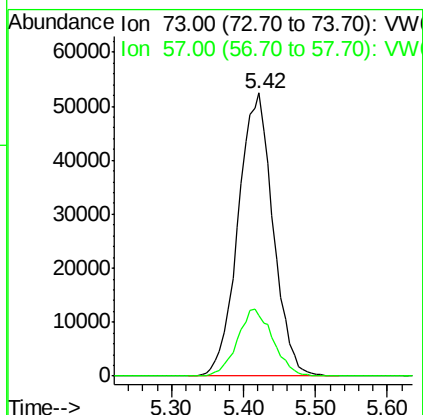
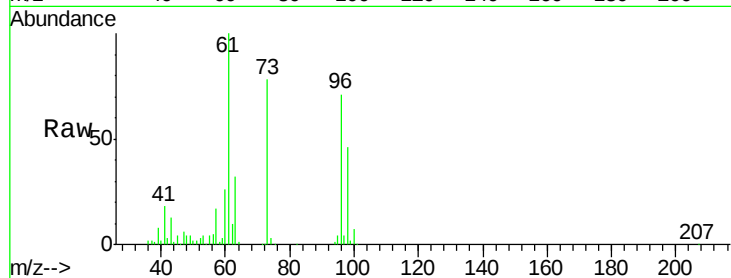




#19
Methyl tert-butyl Ether
Concen: 21.80 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

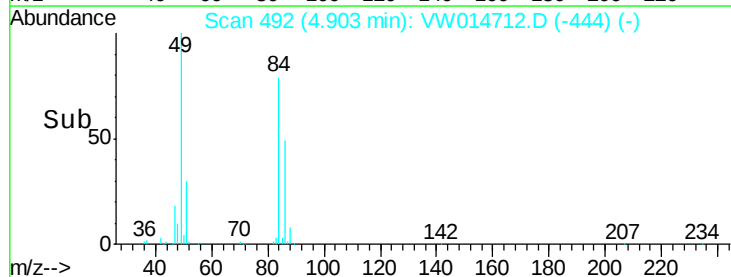
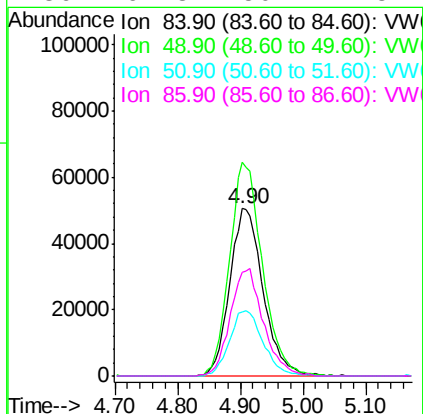
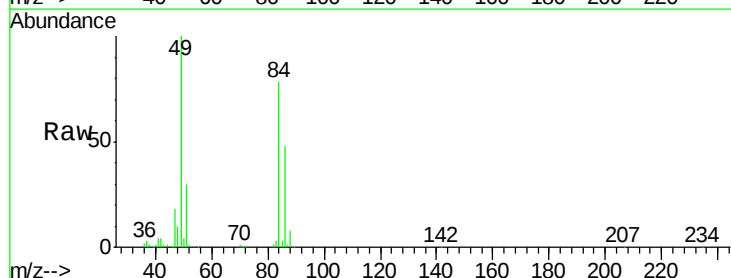
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

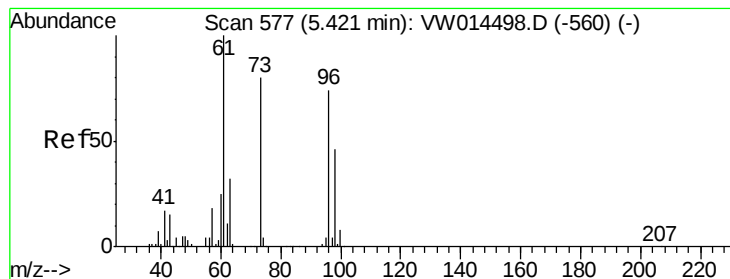
Tgt Ion: 73 Resp: 176573
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 26.22 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 84 Resp: 185773
Ion Ratio Lower Upper
84 100
49 127.8 94.4 141.6
51 38.5 29.5 44.3
86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 22.71 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

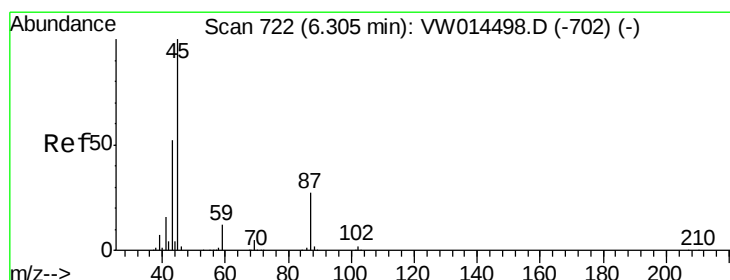
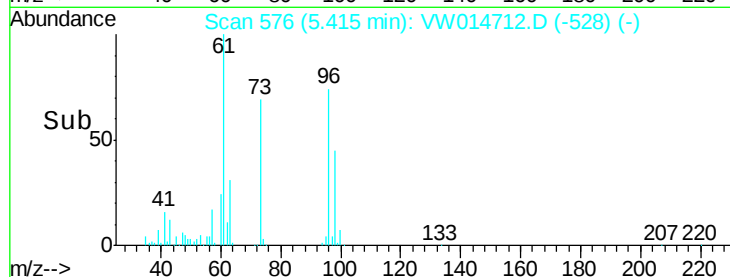
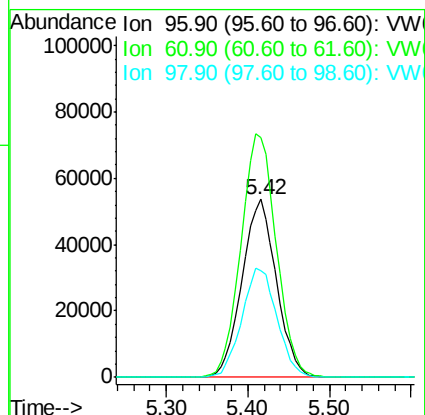
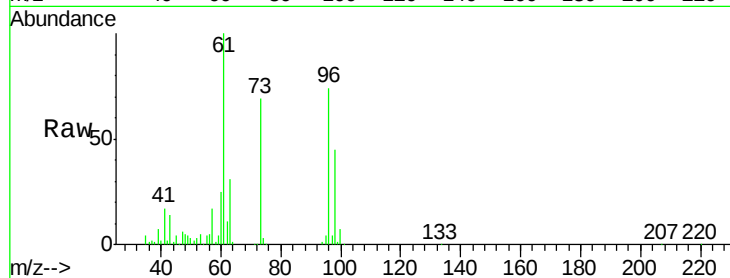
Tgt Ion: 96 Resp: 157412

Ion Ratio Lower Upper

96 100

61 134.5 107.8 161.6

98 60.0 49.4 74.0



#22

Diisopropyl ether

Concen: 23.53 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion: 45 Resp: 439232

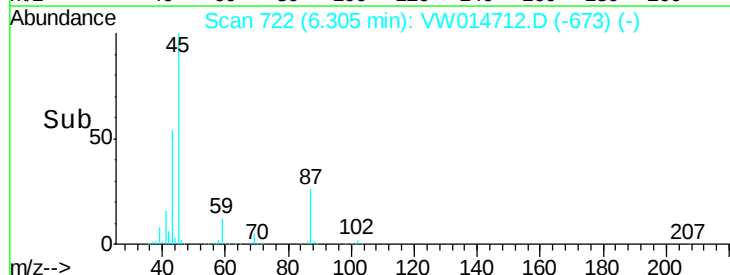
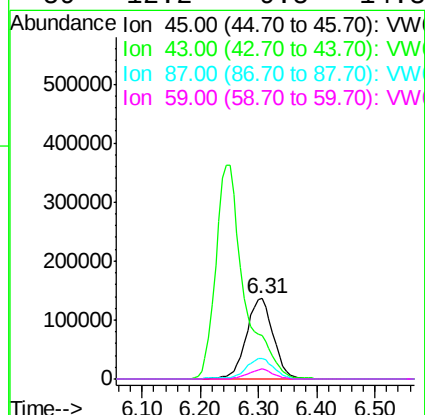
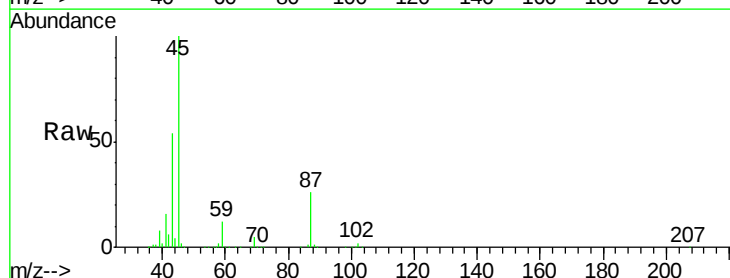
Ion Ratio Lower Upper

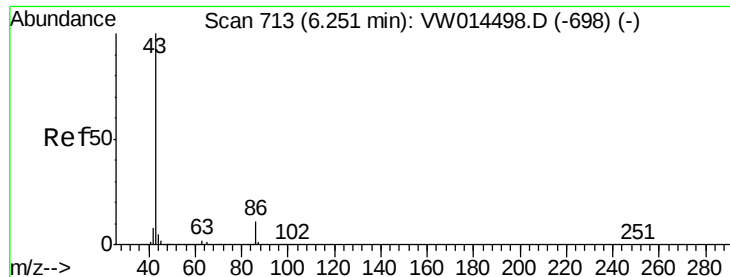
45 100

43 53.6 41.4 62.0

87 26.2 22.2 33.2

59 12.2 9.5 14.3

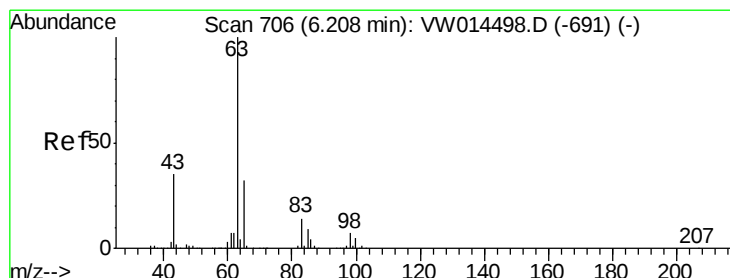
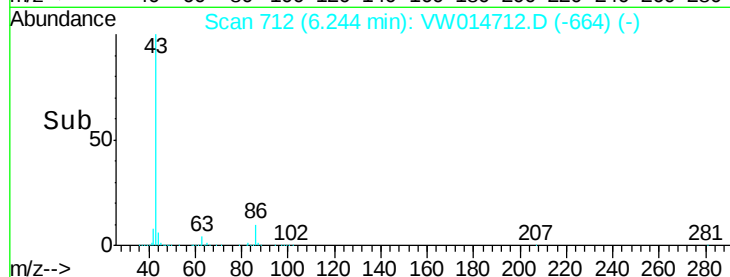
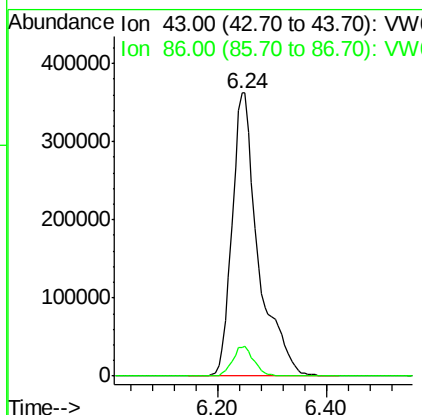
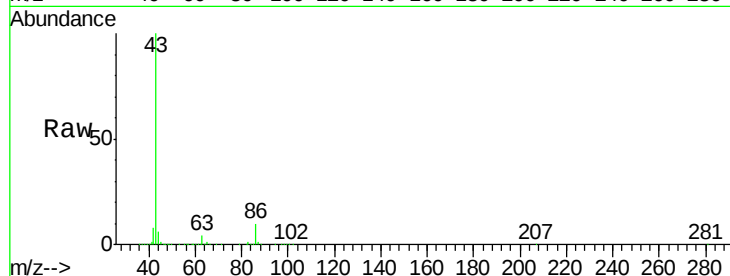




#23
 Vinyl Acetate
 Concen: 108.10 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

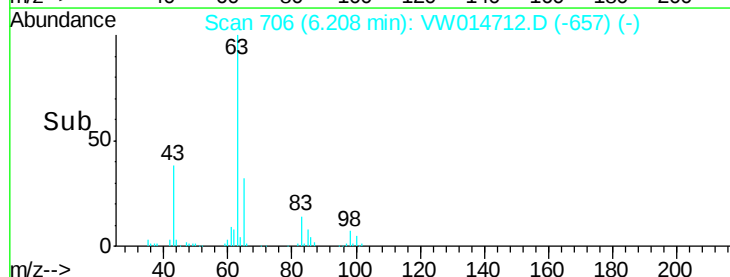
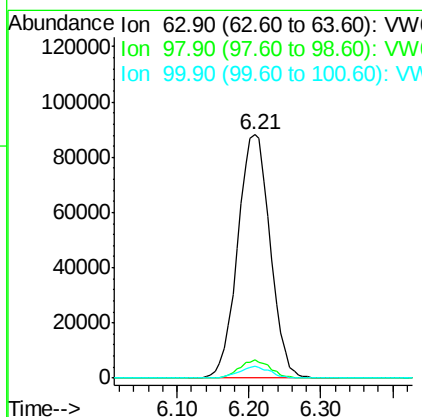
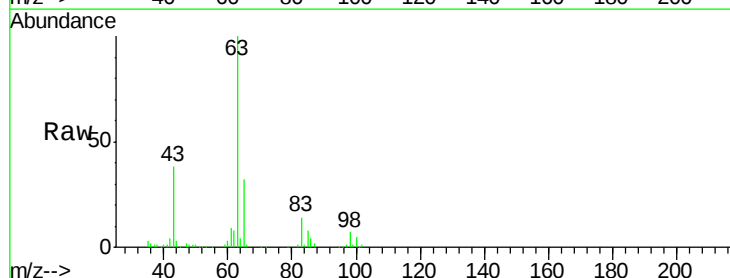
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tgt Ion: 43 Resp: 1218518
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 23.40 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 63 Resp: 275562
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.7 2.5 7.4

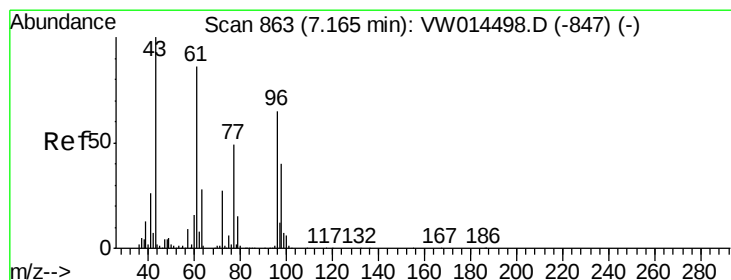
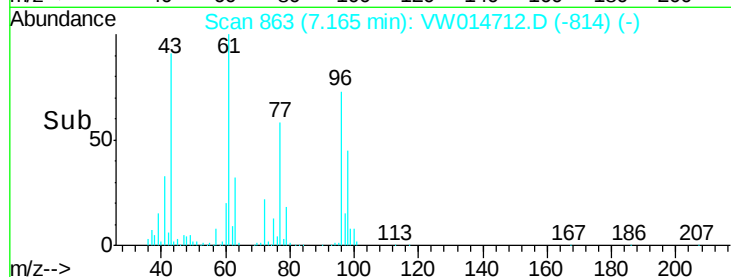
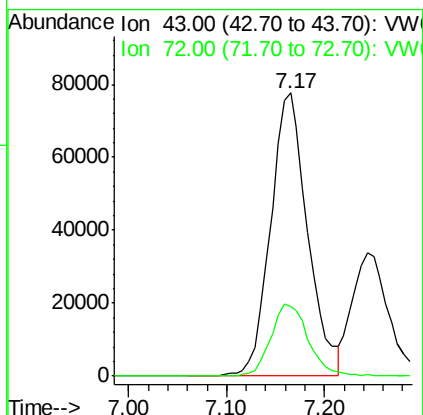
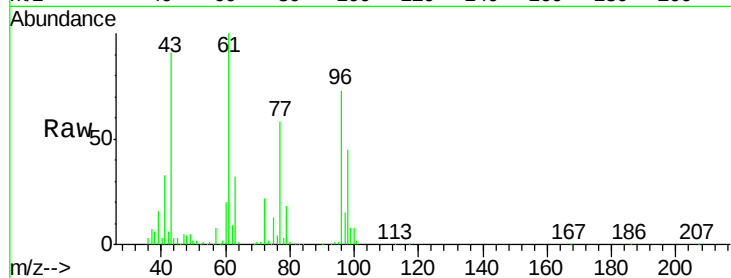




#25
2-Butanone
Concen: 98.16 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

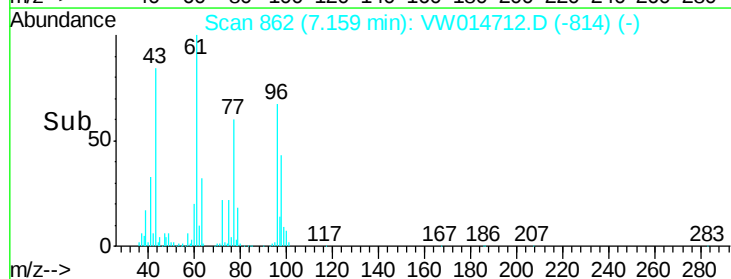
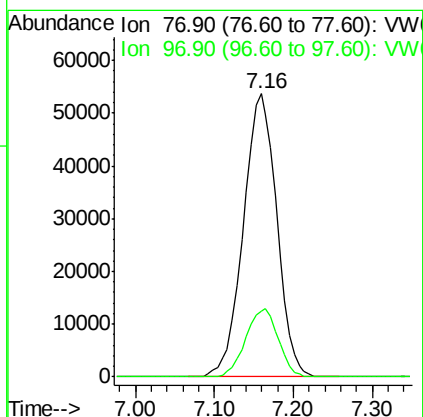
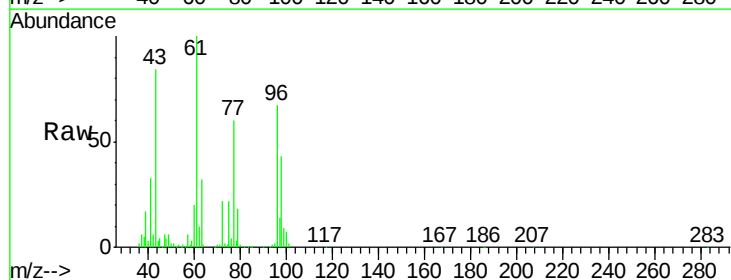
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

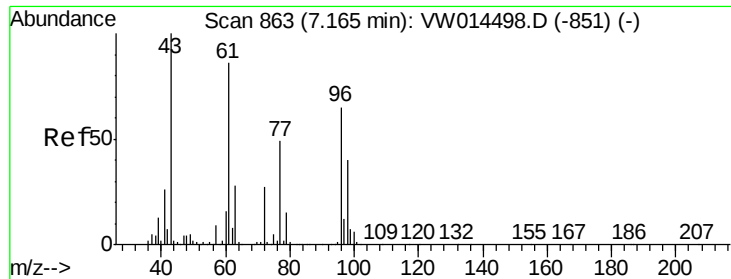
Tgt Ion: 43 Resp: 203952
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.24 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 77 Resp: 158036
Ion Ratio Lower Upper
77 100
97 23.5 12.5 37.5

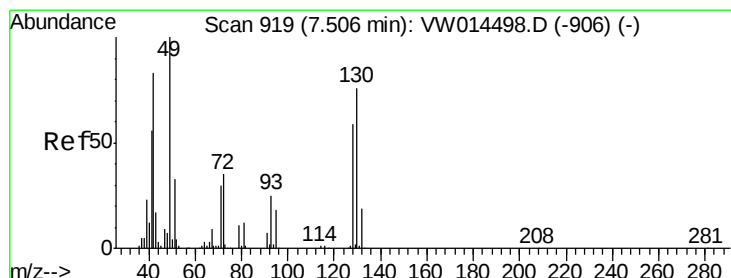
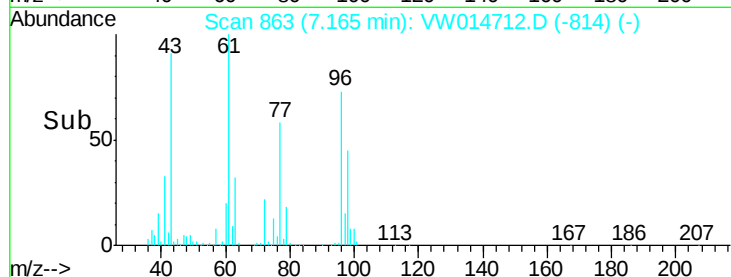
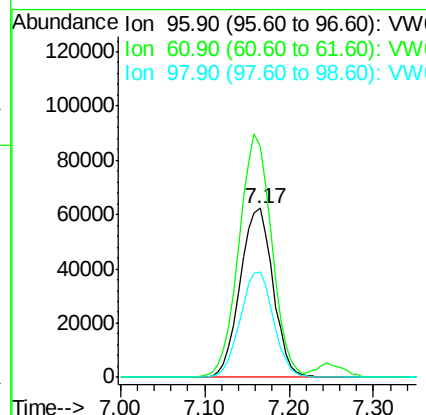
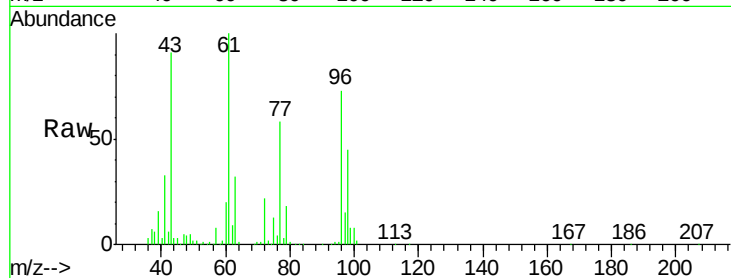




#27
 cis-1,2-Dichloroethene
 Concen: 22.52 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

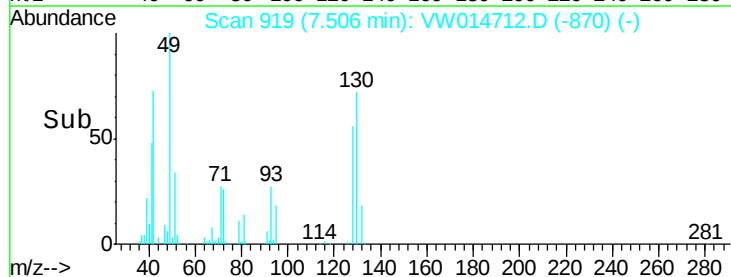
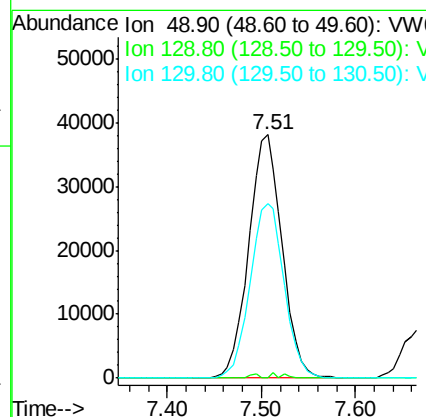
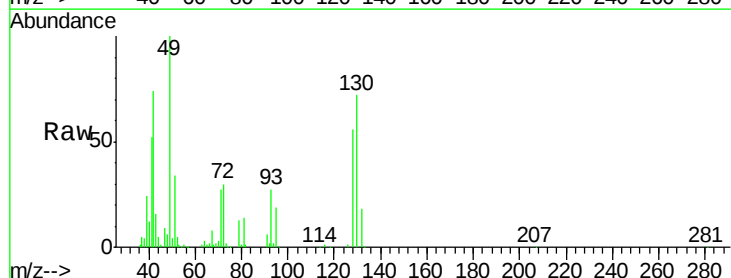
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

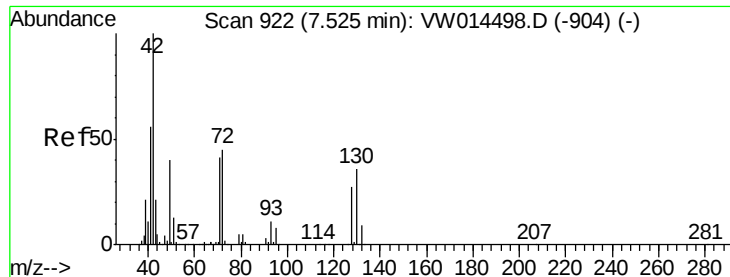
Tgt Ion: 96 Resp: 163957
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 274.8
 98 63.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.51 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 49 Resp: 94662
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.0
 130 73.3 62.5 93.7





#29

Tetrahydrofuran

Concen: 97.51 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

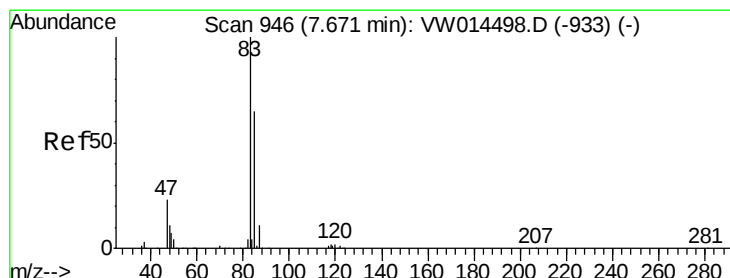
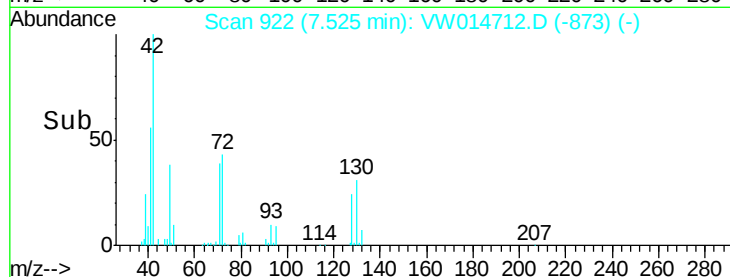
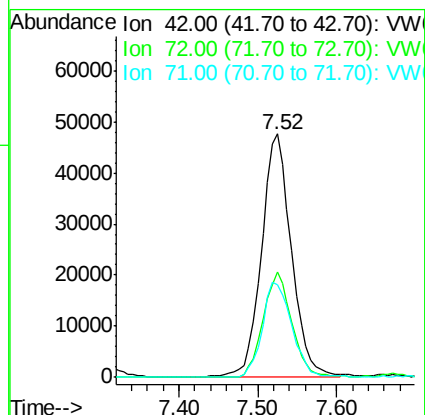
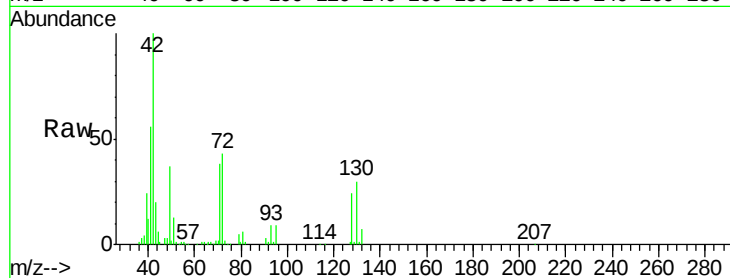
Tgt Ion: 42 Resp: 125512

Ion Ratio Lower Upper

42 100

72 41.5 34.5 51.7

71 38.5 32.0 48.0



#30

Chloroform

Concen: 23.02 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014712.D

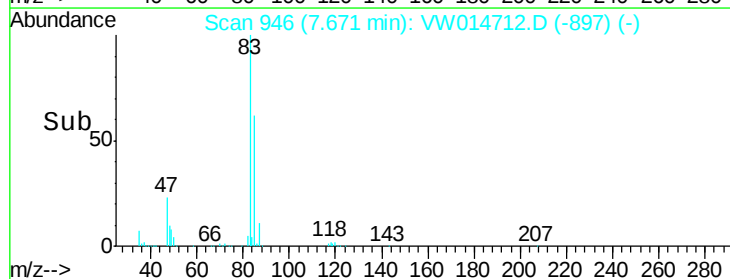
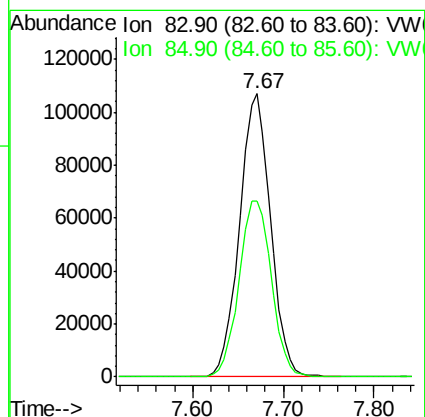
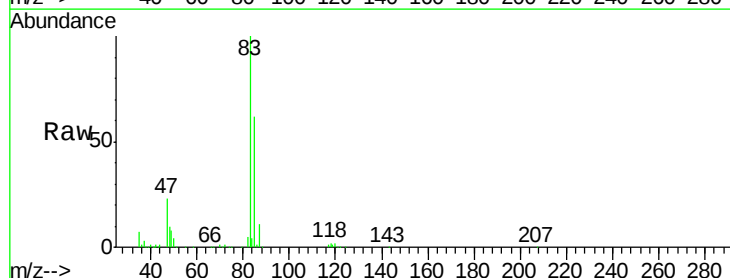
Acq: 22 Jan 2020 14:41

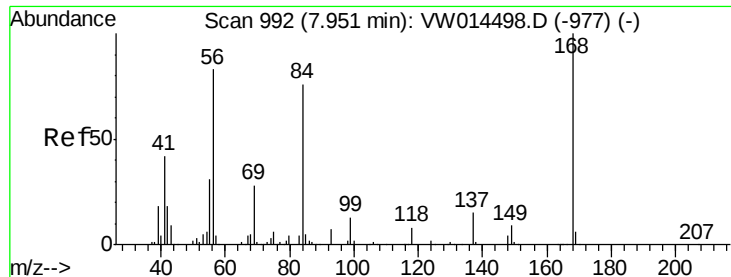
Tgt Ion: 83 Resp: 253520

Ion Ratio Lower Upper

83 100

85 62.1 52.2 78.2

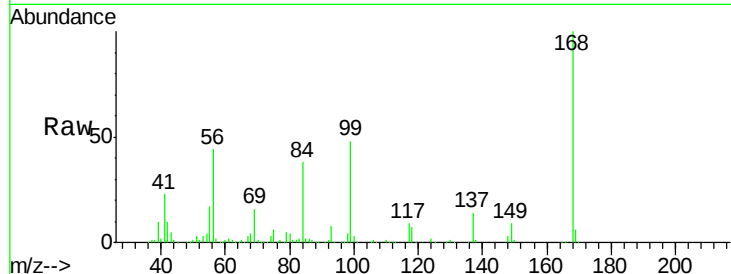




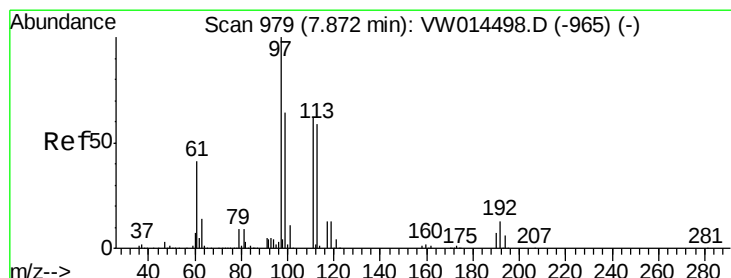
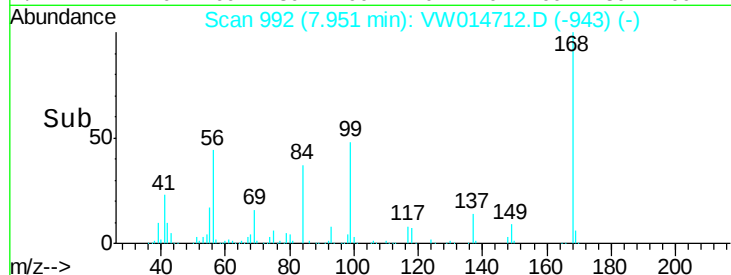
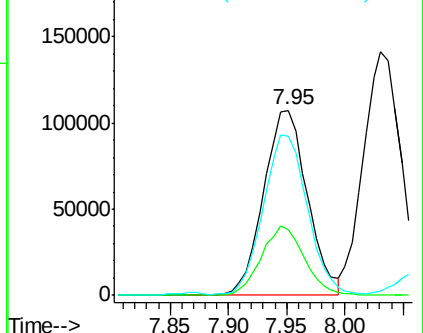
#31
Cyclohexane
Concen: 22.91 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tgt Ion: 56 Resp: 280305
Ion Ratio Lower Upper
56 100
69 35.5 26.8 40.2
84 84.3 71.8 107.6

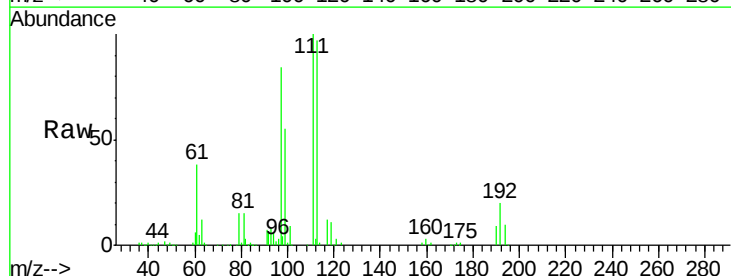


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

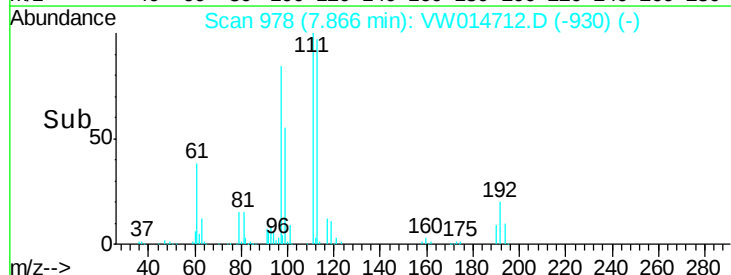
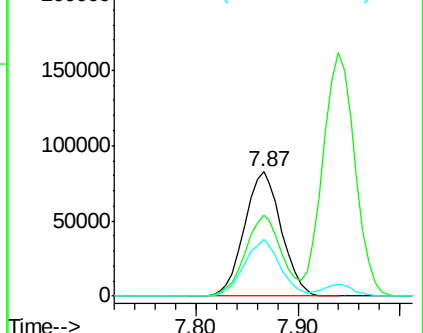


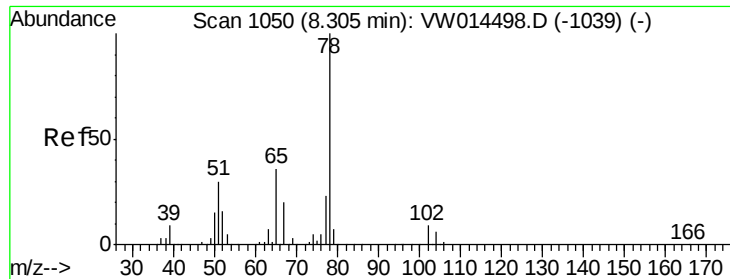
#32
1,1,1-Trichloroethane
Concen: 23.52 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 97 Resp: 208263
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 44.0 33.8 50.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

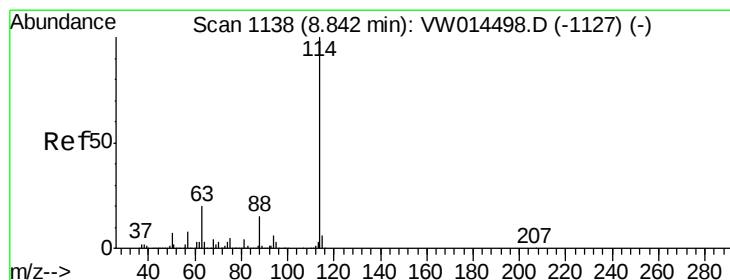
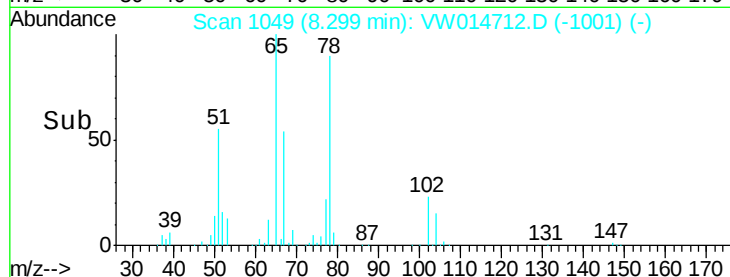
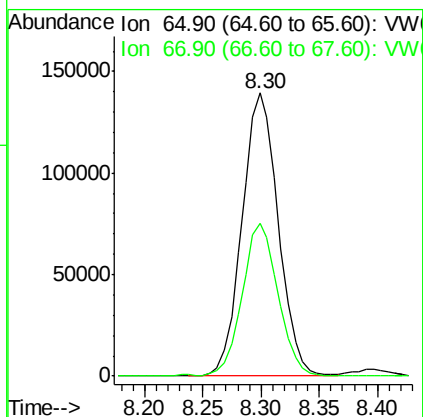
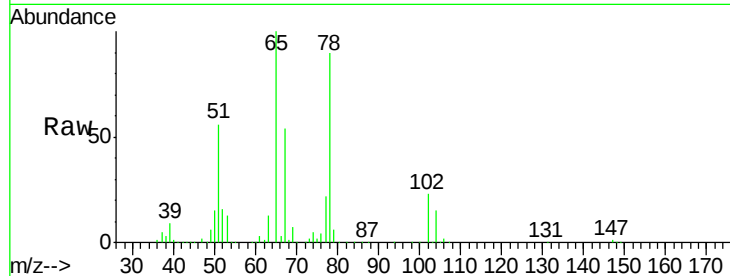




#33
 1,2-Dichloroethane-d4
 Concen: 52.70 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

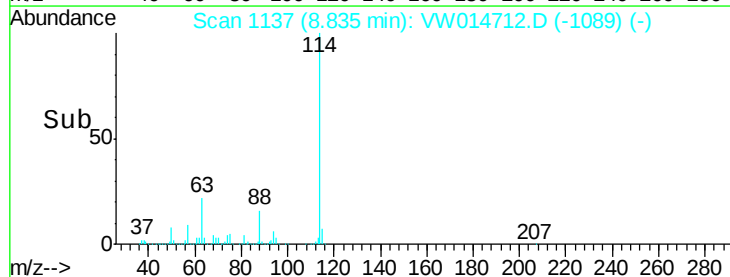
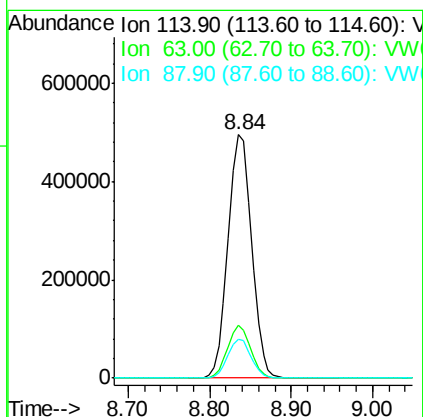
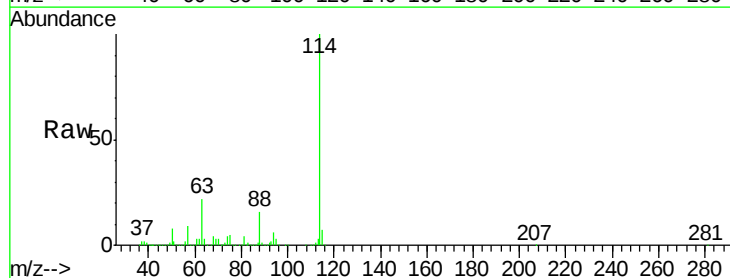
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

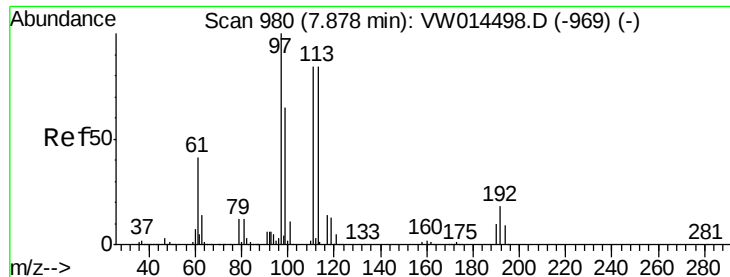
Tgt Ion: 65 Resp: 302172
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 114 Resp: 986042
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.4
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.61 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

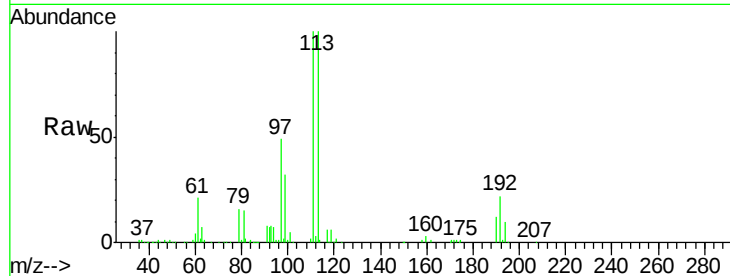
Tgt Ion:113 Resp: 296457

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.2

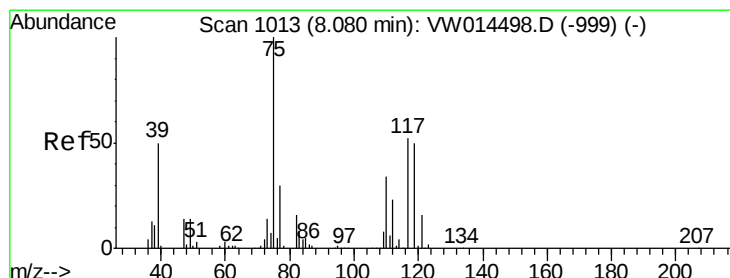
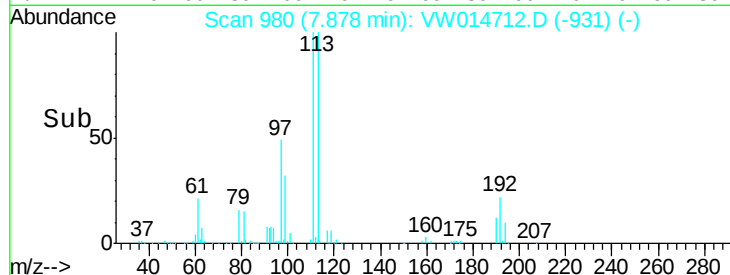
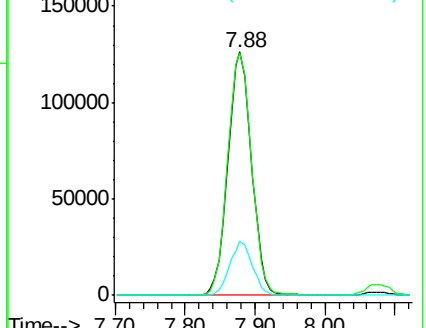
192 21.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 23.47 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

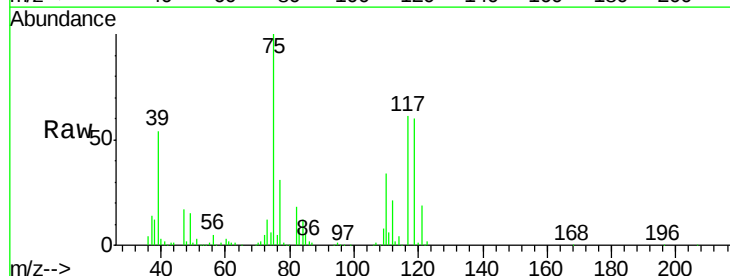
Tgt Ion: 75 Resp: 223099

Ion Ratio Lower Upper

75 100

110 34.3 17.8 53.5

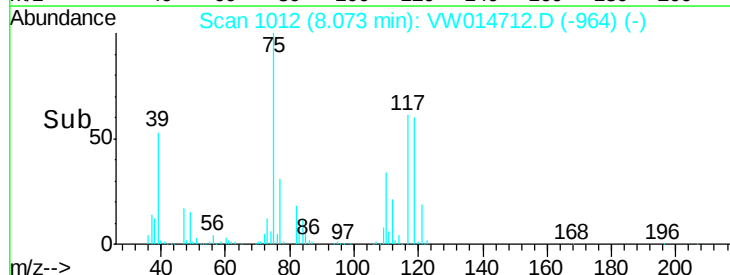
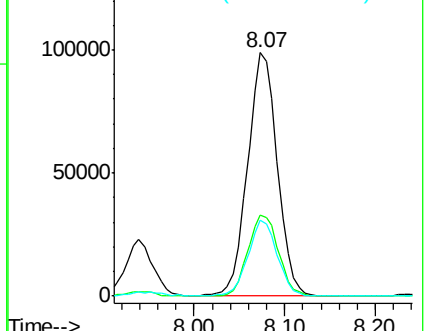
77 31.1 24.7 37.1

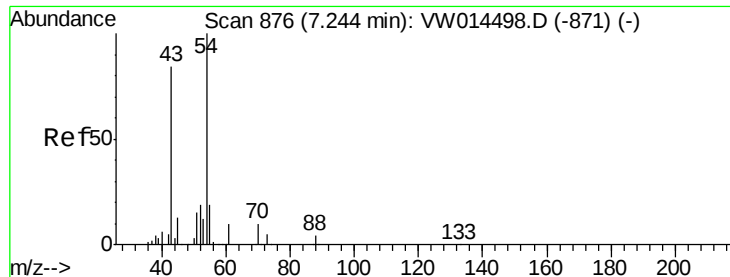


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

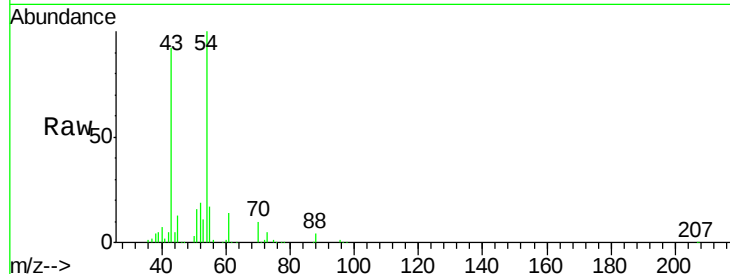




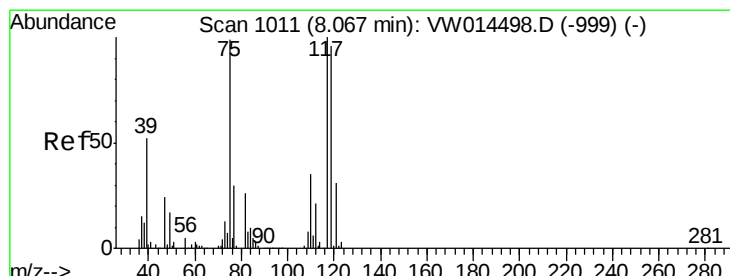
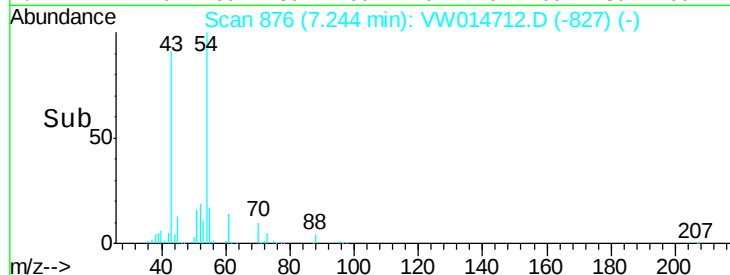
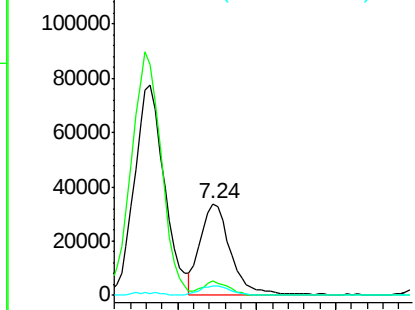
#37
Ethyl Acetate
Concen: 20.65 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tgt Ion: 43 Resp: 89041
Ion Ratio Lower Upper
43 100
61 13.7 11.7 17.5
70 11.0 9.0 13.6

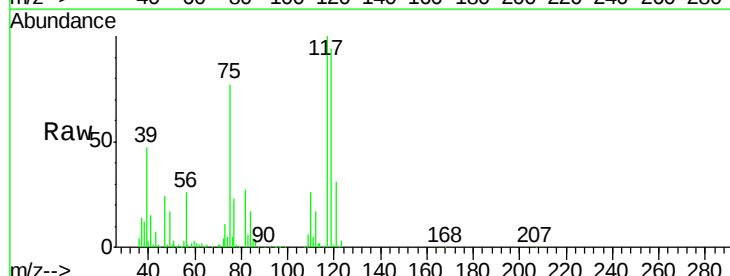


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

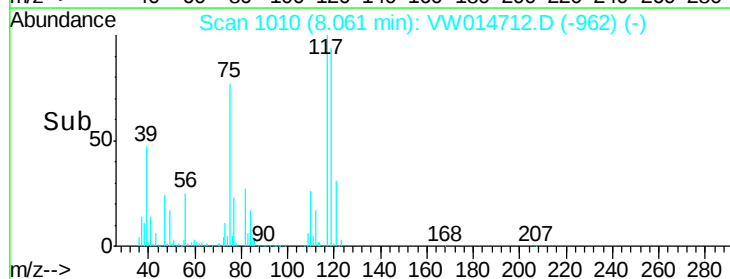
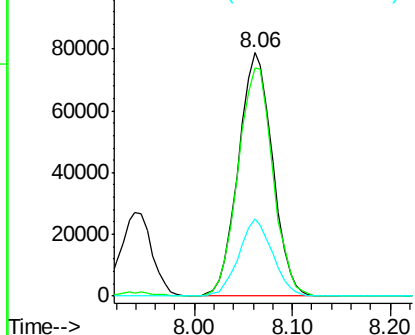


#38
Carbon Tetrachloride
Concen: 23.16 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 117 Resp: 191020
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6
121 31.5 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

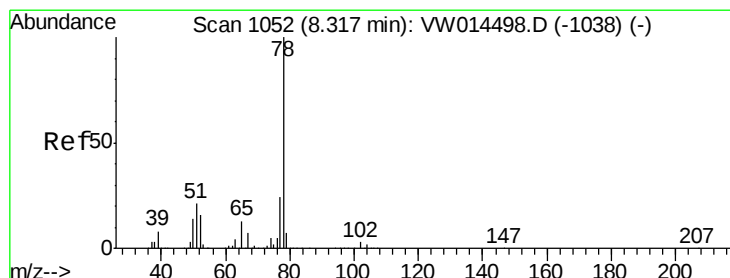
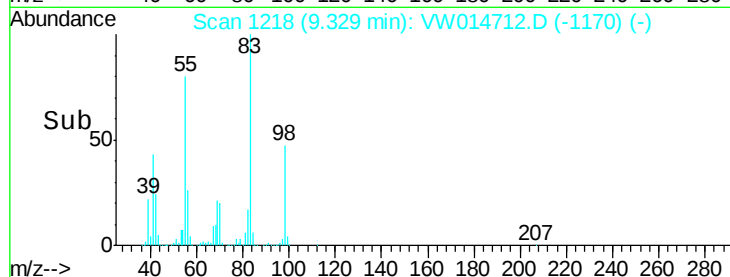
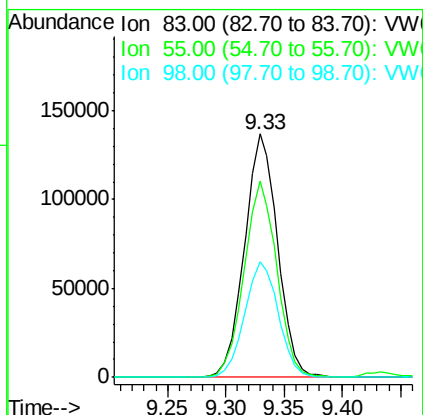
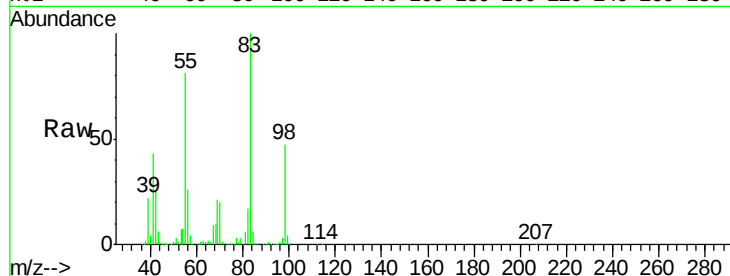




#39
Methylcyclohexane
Concen: 22.29 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

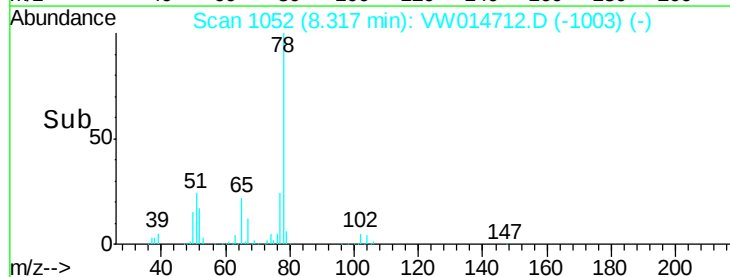
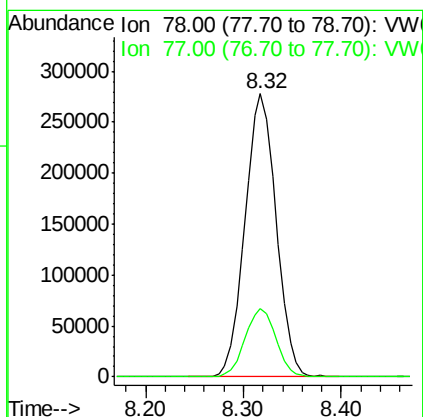
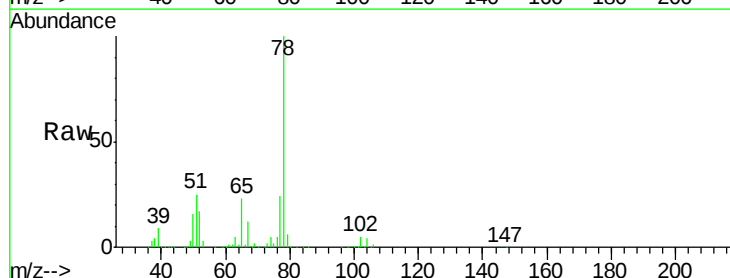
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

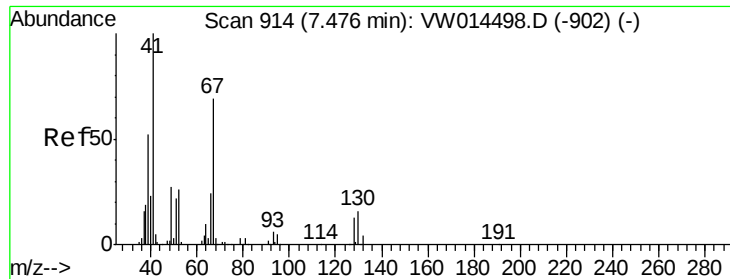
Tgt Ion: 83 Resp: 271934
Ion Ratio Lower Upper
83 100
55 80.5 60.1 90.1
98 47.3 38.8 58.2



#40
Benzene
Concen: 22.86 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 78 Resp: 614838
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

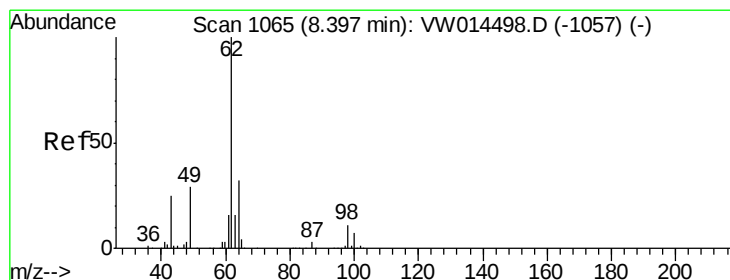
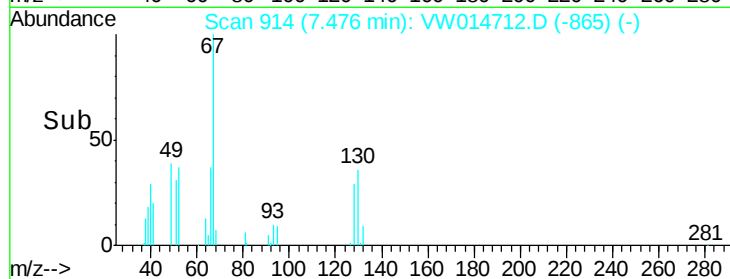
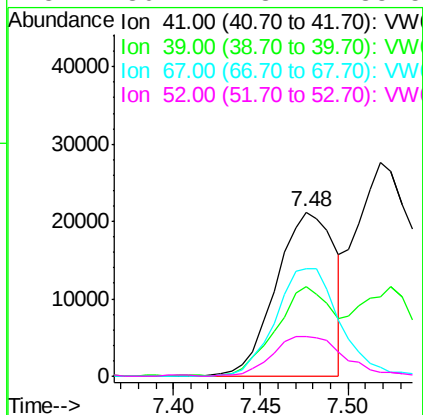
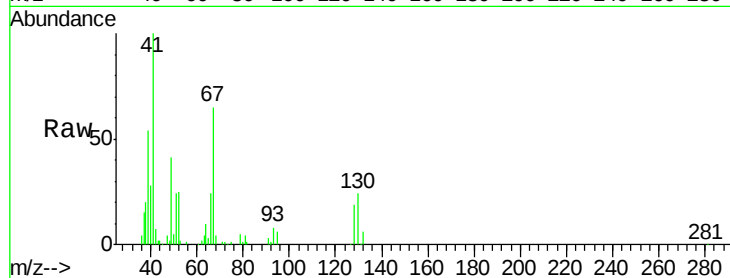




#41
Methacrylonitrile
Concen: 20.63 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

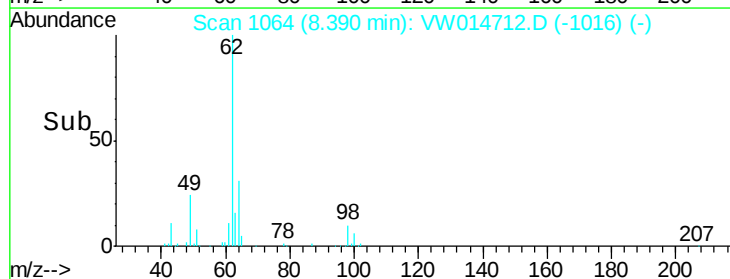
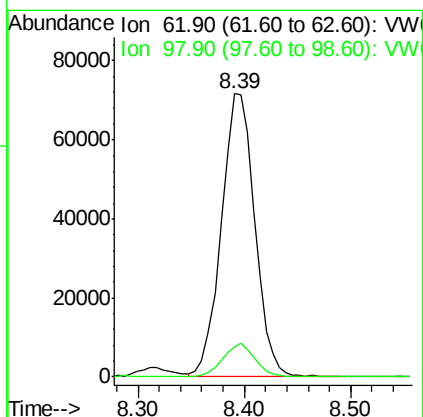
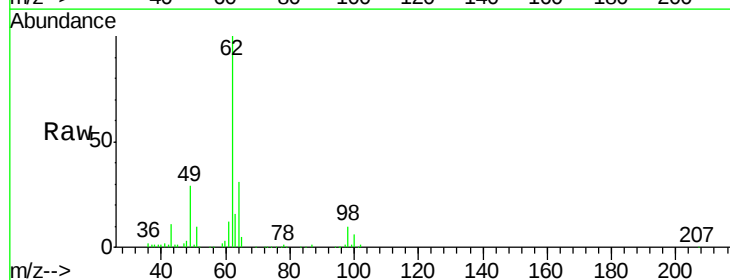
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

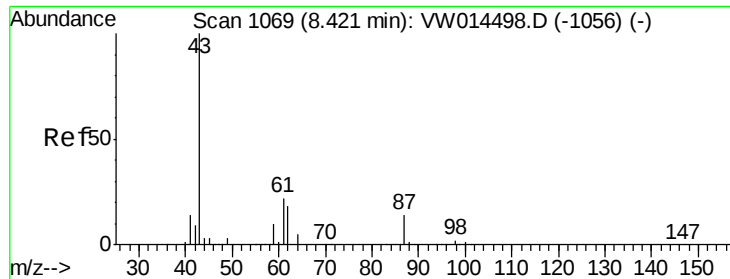
Tgt Ion:	41	Resp:	49587
Ion	Ratio	Lower	Upper
41	100		
39	51.7	46.0	69.0
67	73.2	60.8	91.2
52	30.1	23.7	35.5



#42
1,2-Dichloroethane
Concen: 22.50 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion:	62	Resp:	157064
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0

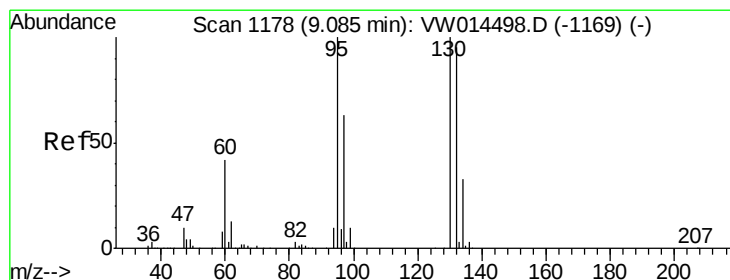
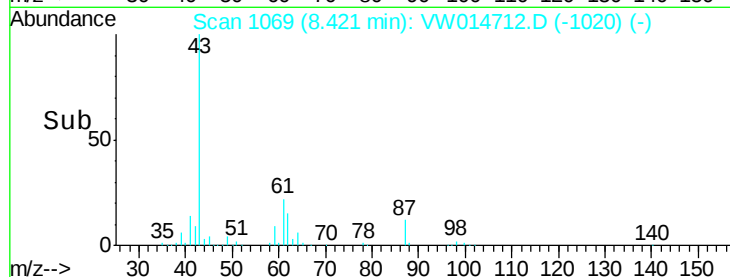
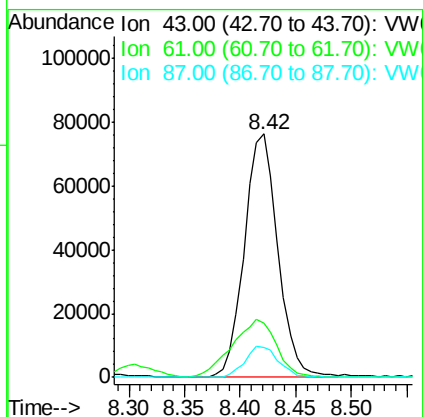
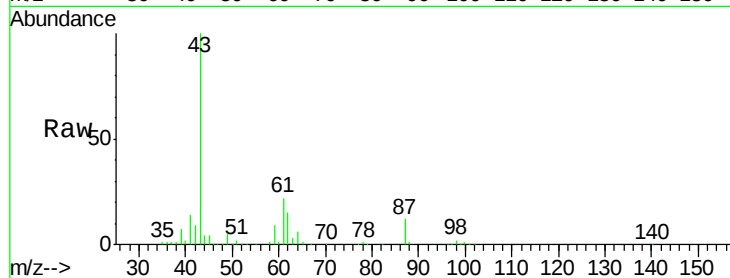




#43
Isopropyl Acetate
Concen: 20.37 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

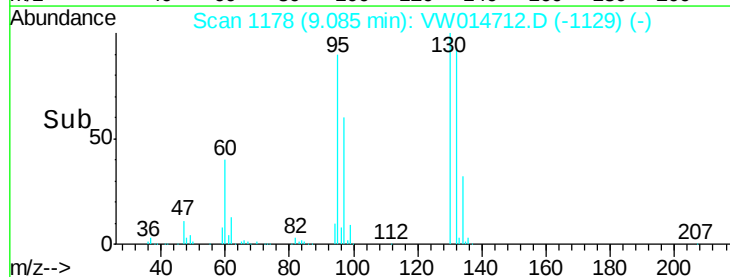
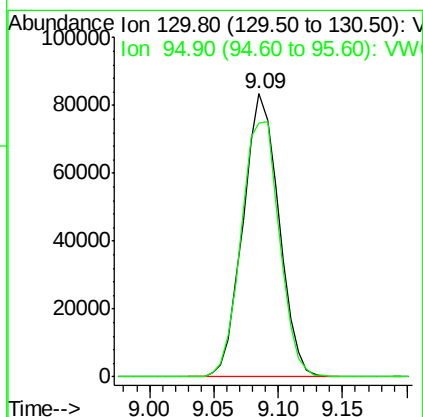
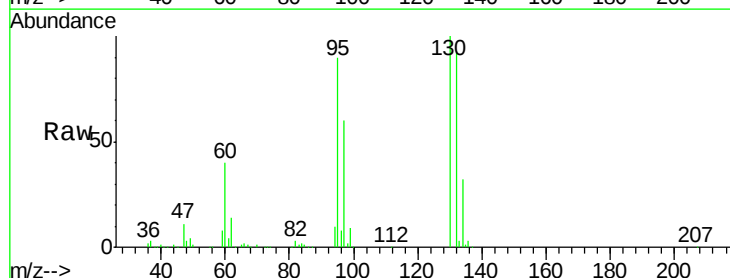
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

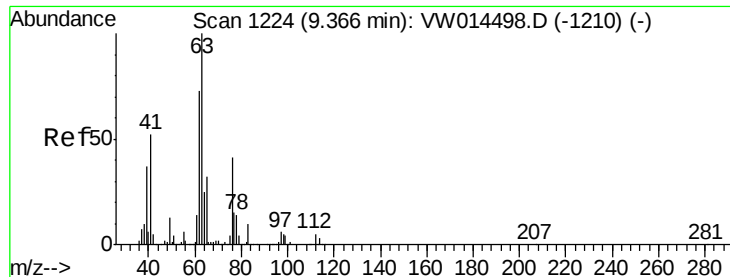
Tgt Ion: 43 Resp: 159459
Ion Ratio Lower Upper
43 100
61 30.7 24.7 37.1
87 12.9 11.1 16.7



#44
Trichloroethene
Concen: 22.11 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 130 Resp: 160938
Ion Ratio Lower Upper
130 100
95 89.6 0.0 199.4





#45

1,2-Dichloropropane

Concen: 22.85 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

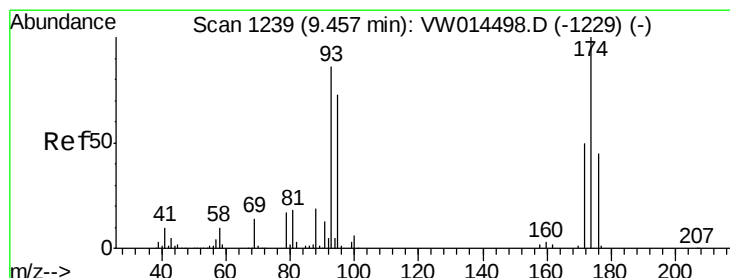
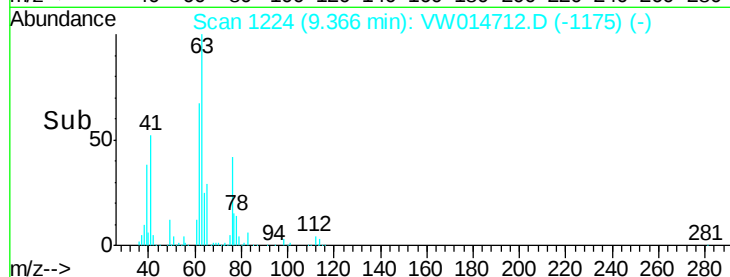
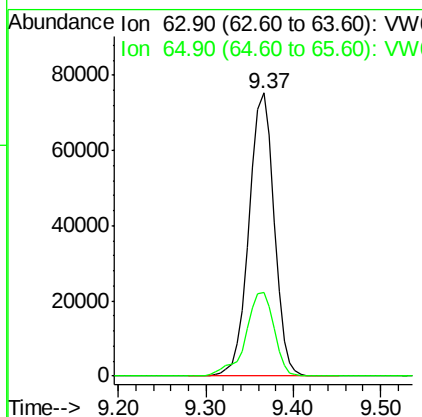
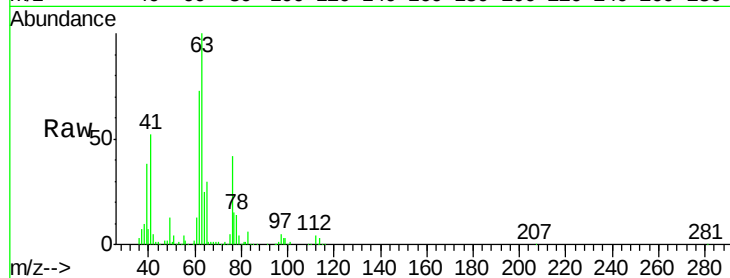
VW0122SBS01

Tgt Ion: 63 Resp: 150835

Ion Ratio Lower Upper

63 100

65 29.5 25.6 38.4



#46

Dibromomethane

Concen: 21.40 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

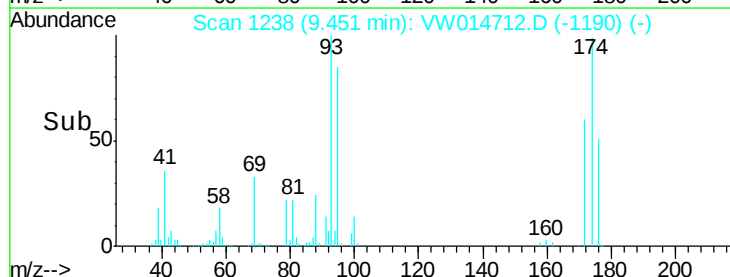
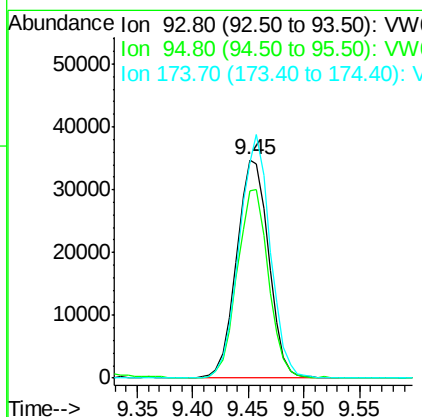
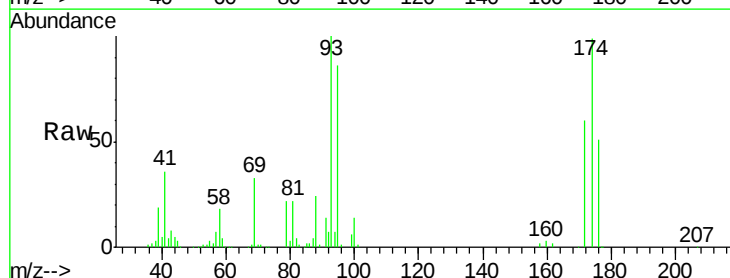
Tgt Ion: 93 Resp: 69725

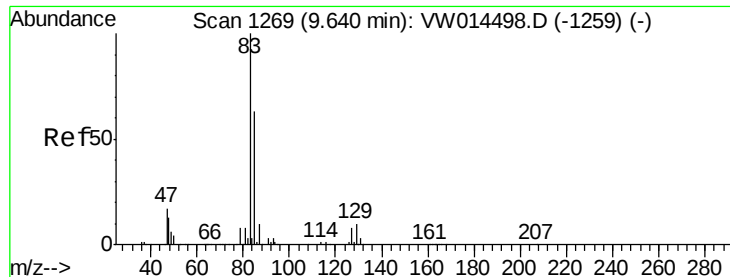
Ion Ratio Lower Upper

93 100

95 84.3 66.4 99.6

174 107.2 89.1 133.7





#47

Bromodichloromethane

Concen: 22.53 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

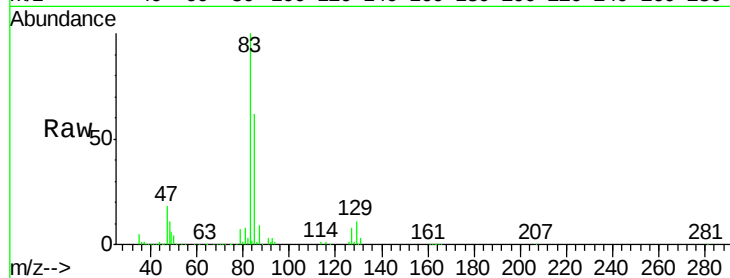
Tgt Ion: 83 Resp: 181207

Ion Ratio Lower Upper

83 100

85 62.2 50.6 76.0

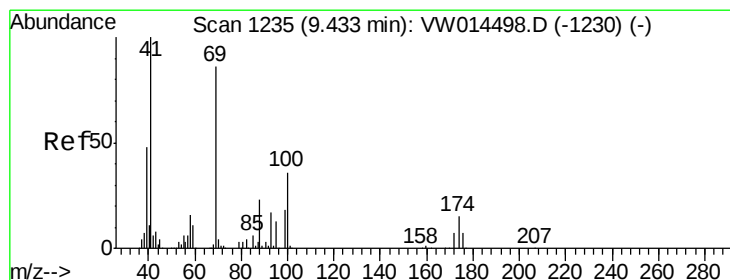
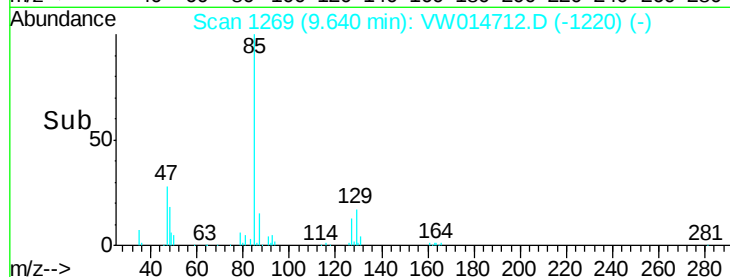
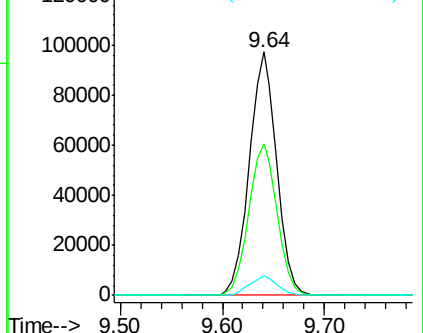
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.55 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

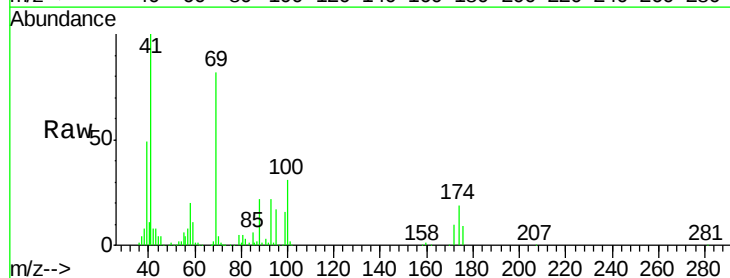
Tgt Ion: 41 Resp: 78538

Ion Ratio Lower Upper

41 100

69 85.6 68.3 102.5

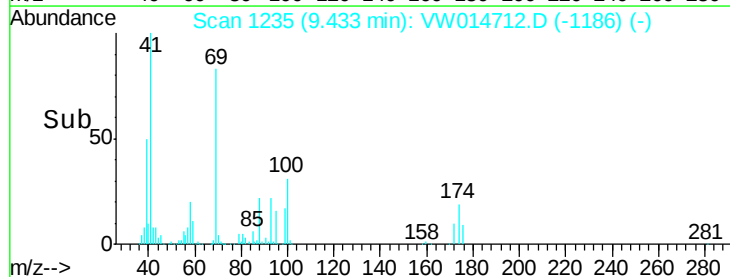
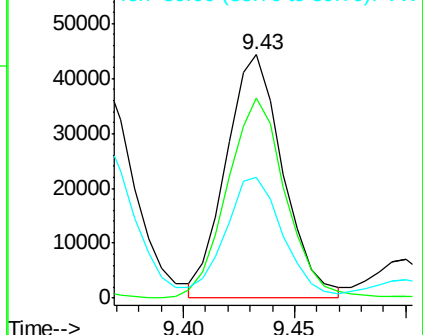
39 46.6 36.8 55.2

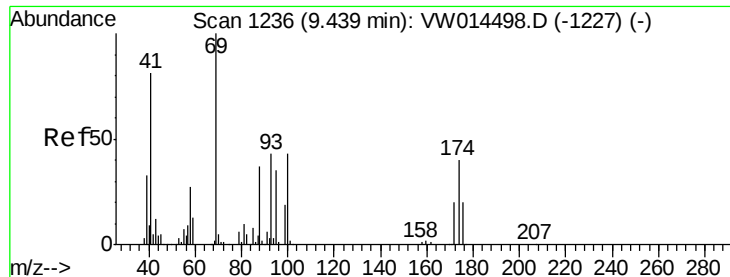


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 398.97 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

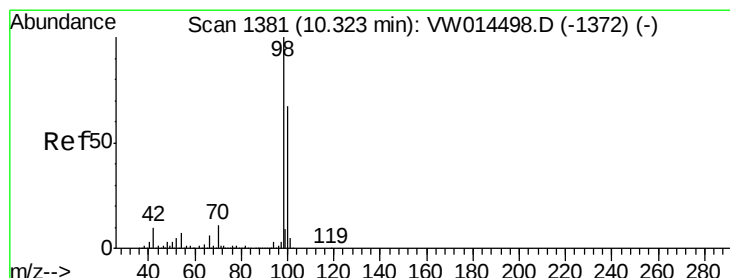
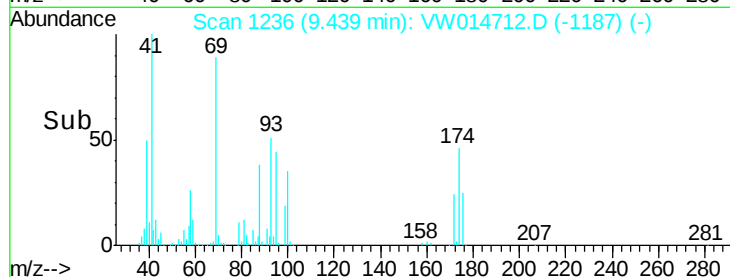
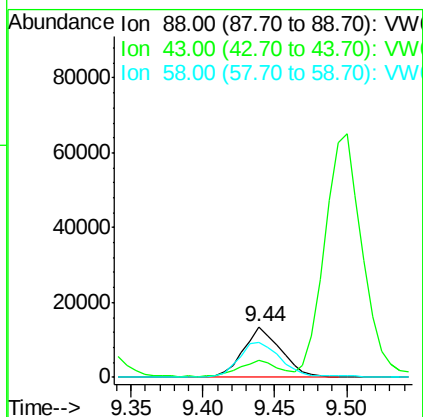
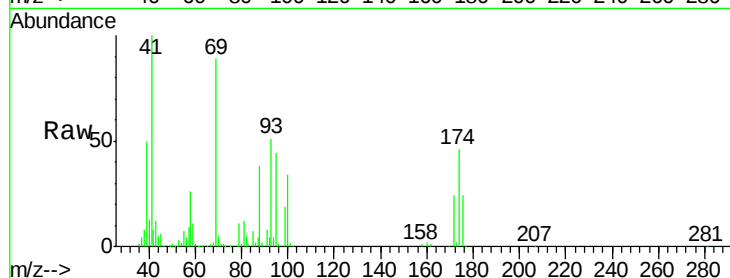
Tgt Ion: 88 Resp: 24313

Ion Ratio Lower Upper

88 100

43 34.1 24.9 37.3

58 78.1 56.9 85.3



#50

Toluene-d8

Concen: 52.43 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014712.D

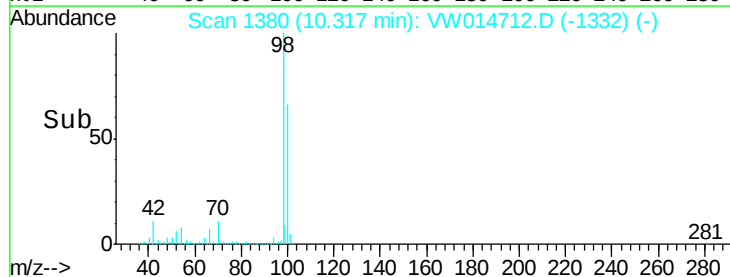
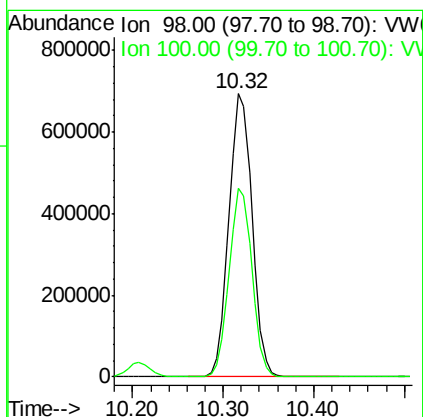
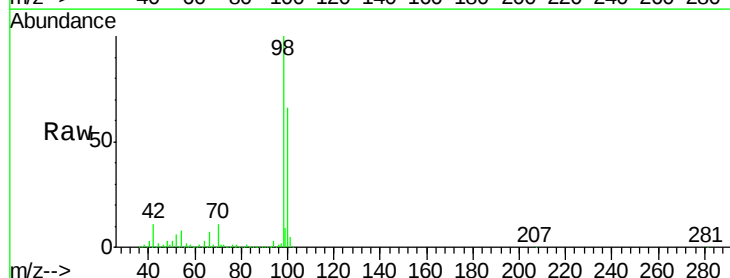
Acq: 22 Jan 2020 14:41

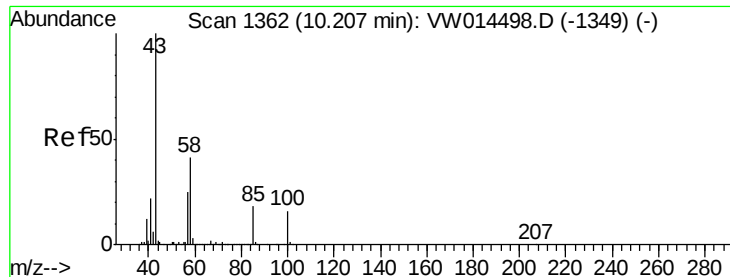
Tgt Ion: 98 Resp: 1233076

Ion Ratio Lower Upper

98 100

100 65.7 53.8 80.6

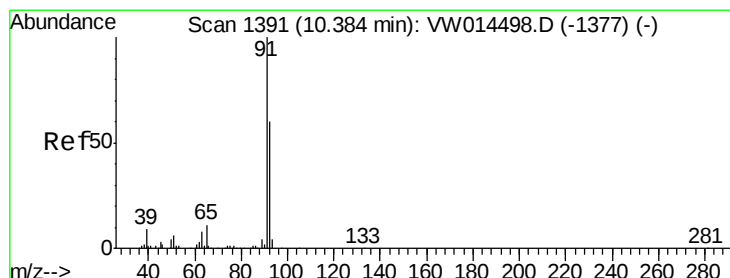
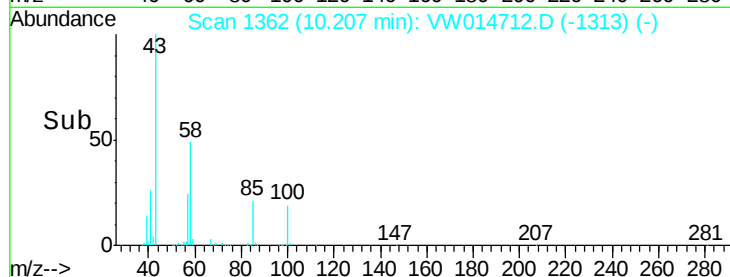
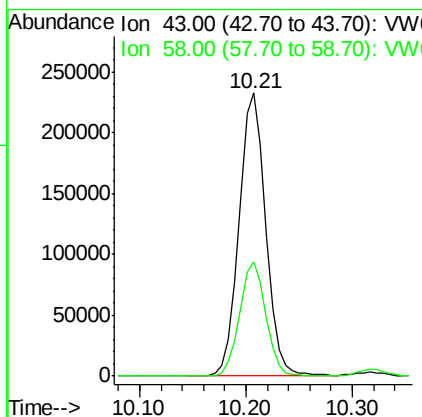
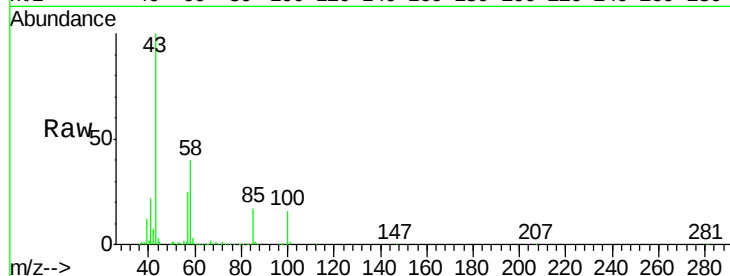




#51
4-Methyl-2-Pentanone
Concen: 100.71 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

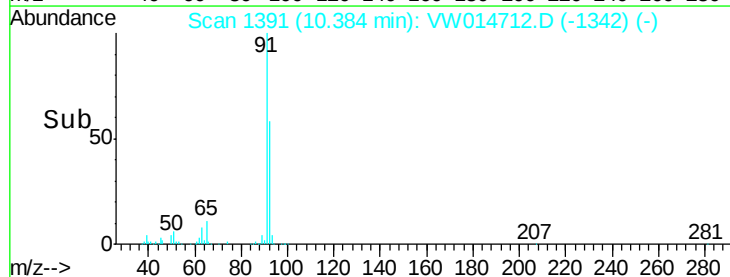
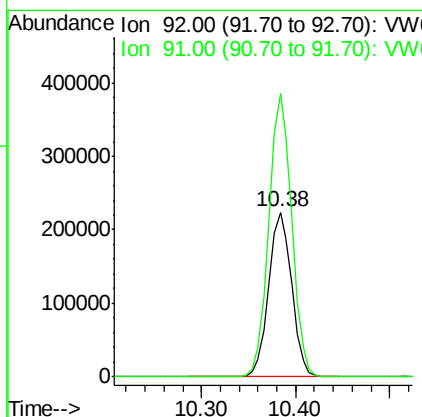
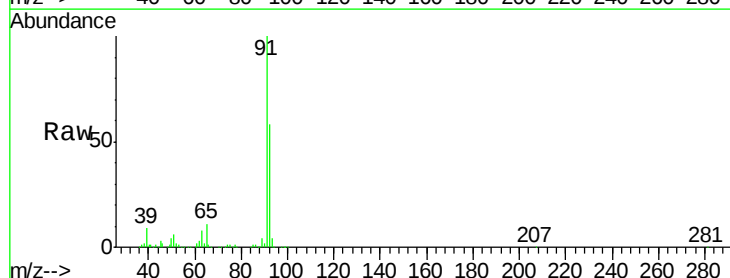
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

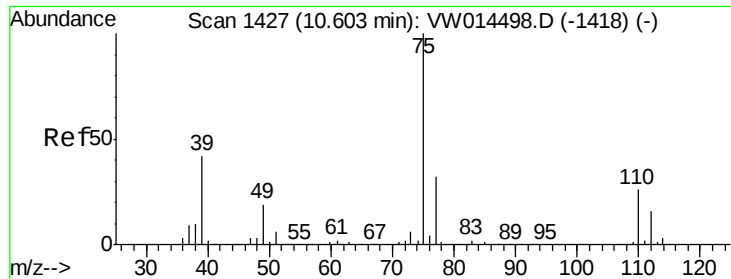
Tgt Ion: 43 Resp: 409430
Ion Ratio Lower Upper
43 100
58 39.8 32.7 49.1



#52
Toluene
Concen: 22.72 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 92 Resp: 384352
Ion Ratio Lower Upper
92 100
91 170.8 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 21.13 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampled :

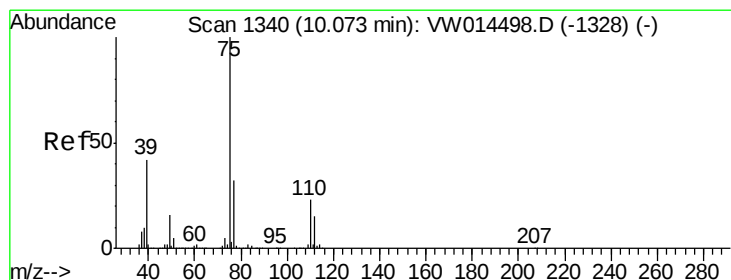
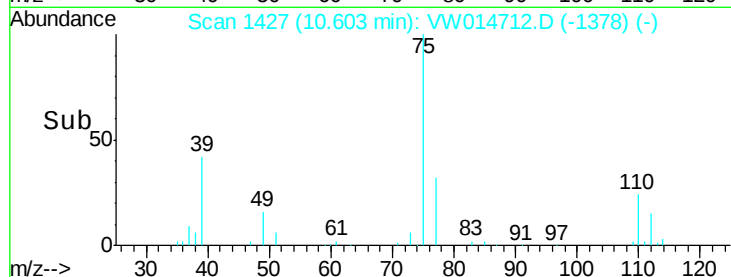
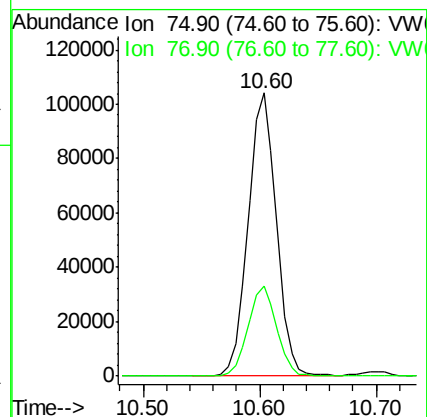
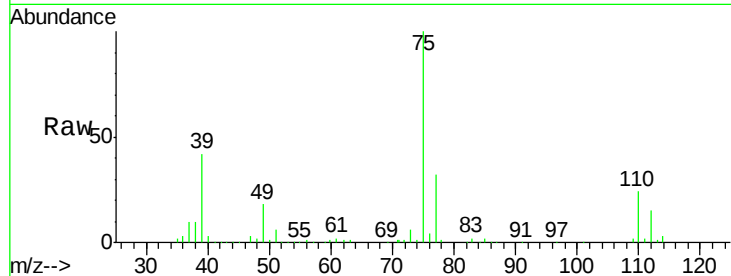
VW0122SBS01

Tgt Ion: 75 Resp: 175943

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.75 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

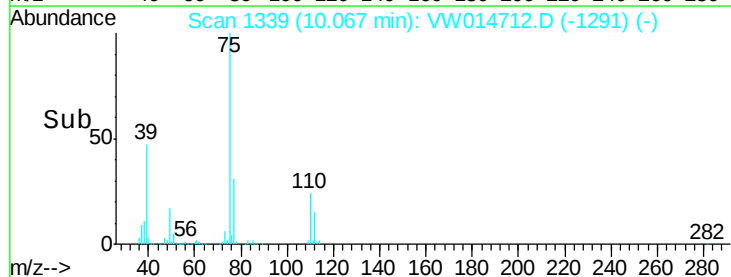
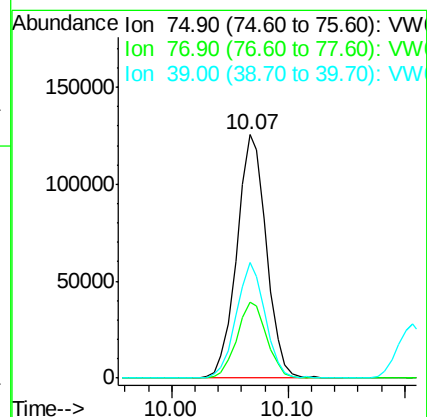
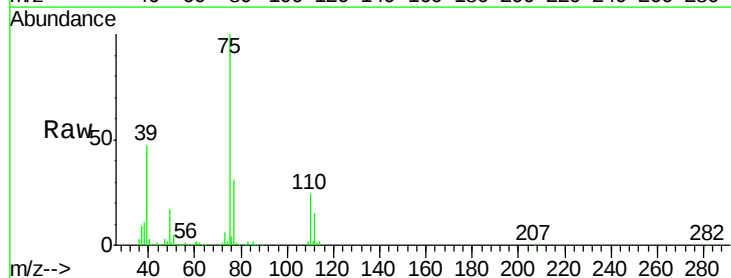
Tgt Ion: 75 Resp: 221421

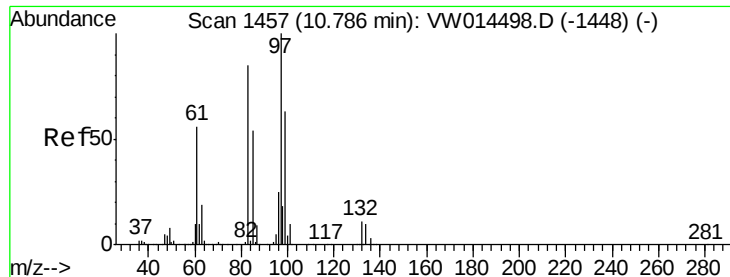
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 47.3 33.4 50.2

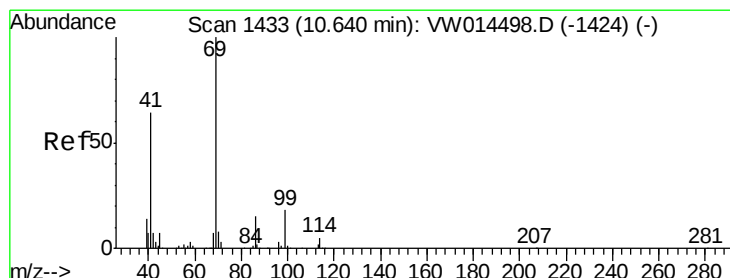
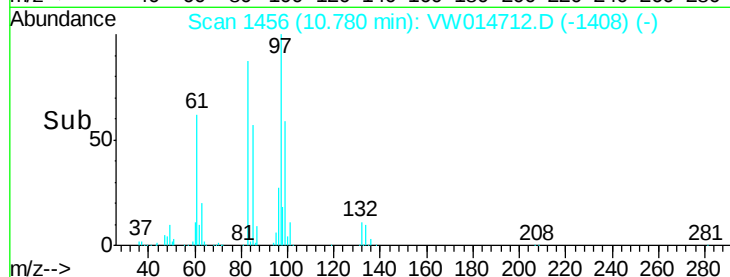
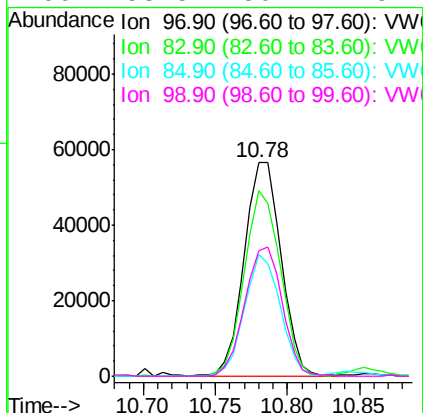
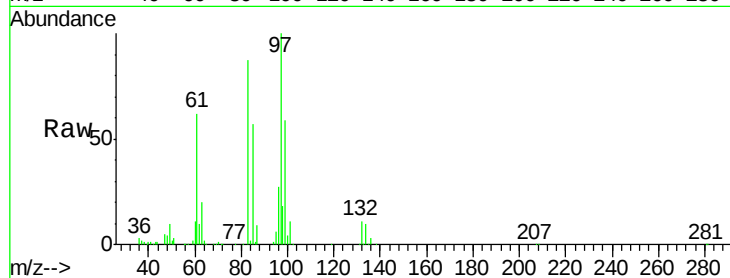




#55
 1,1,2-Trichloroethane
 Concen: 21.00 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

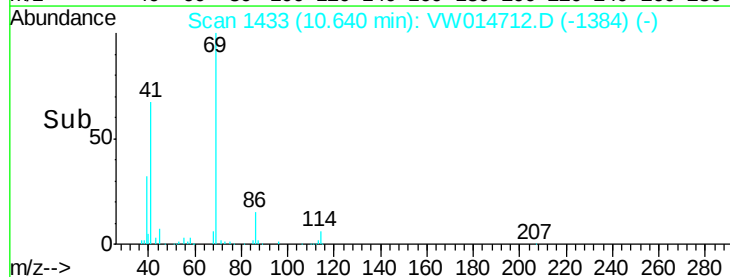
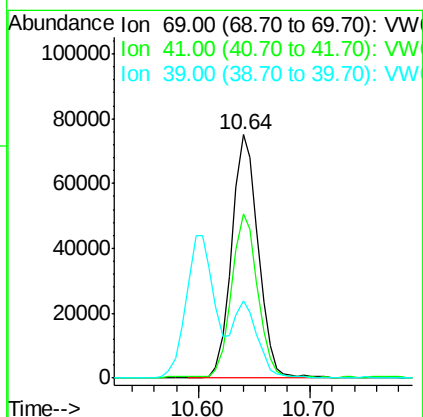
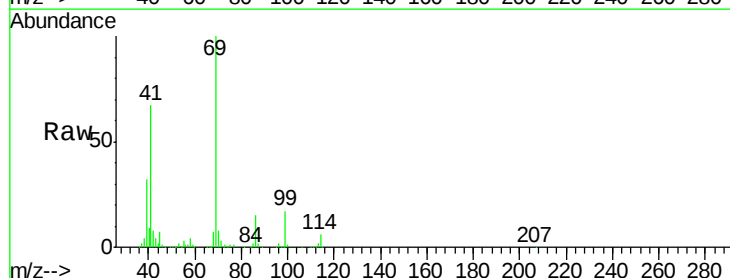
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

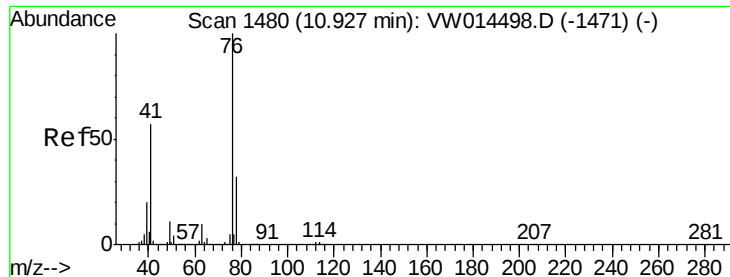
Tgt Ion:	97	Resp:	99920
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	56.9	43.0	64.4
99	58.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 20.00 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion:	69	Resp:	123692
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.3	76.9
39	26.4	21.0	31.6





#57

1,3-Dichloropropane

Concen: 21.42 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

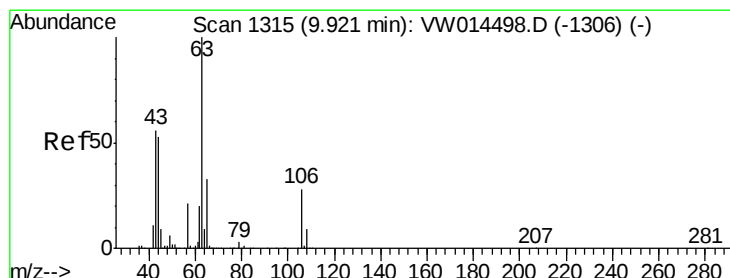
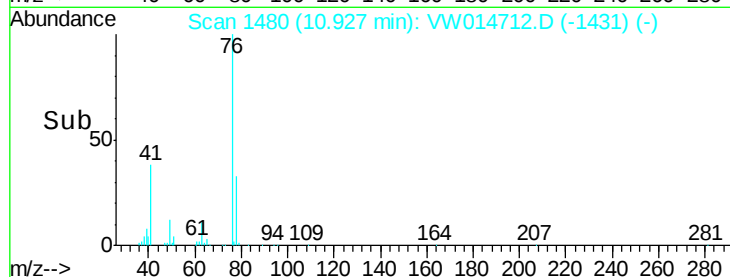
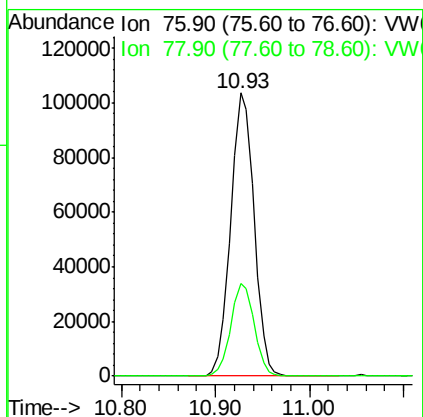
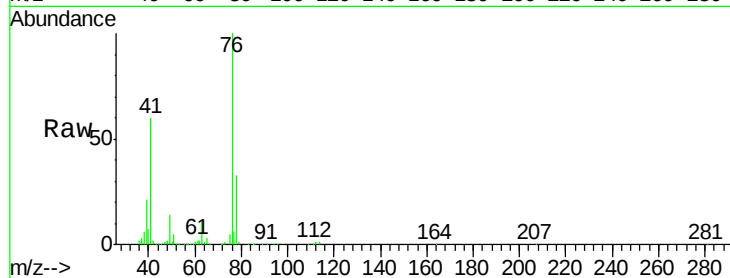
VW0122SBS01

Tgt Ion: 76 Resp: 179136

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.70 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014712.D

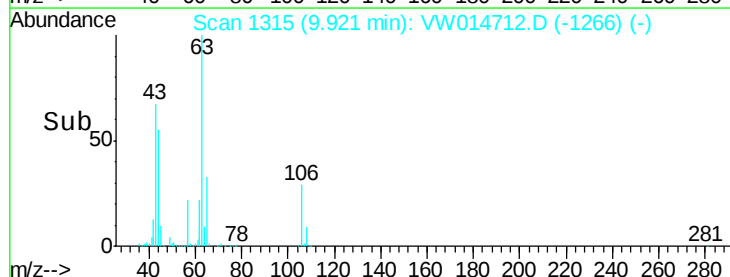
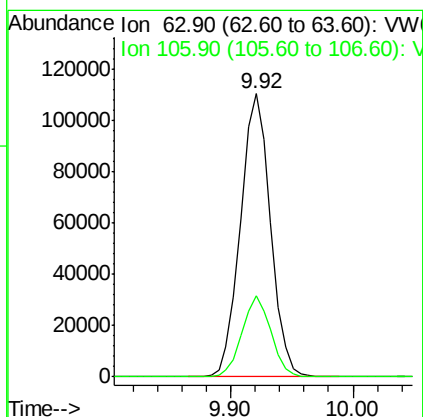
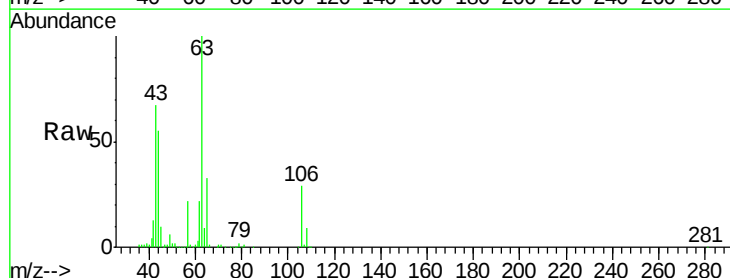
Acq: 22 Jan 2020 14:41

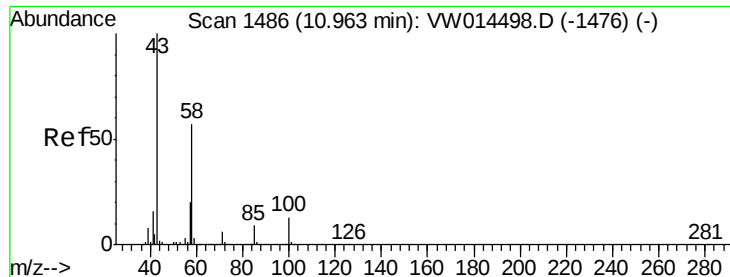
Tgt Ion: 63 Resp: 187514

Ion Ratio Lower Upper

63 100

106 27.7 23.0 34.6

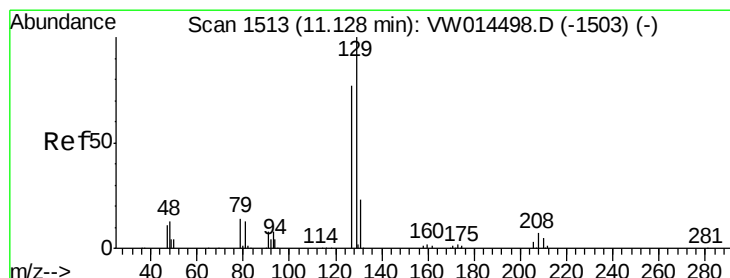
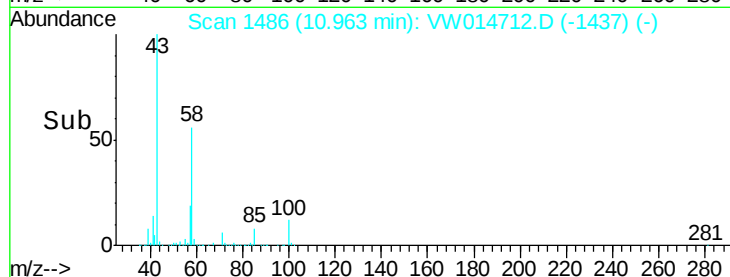
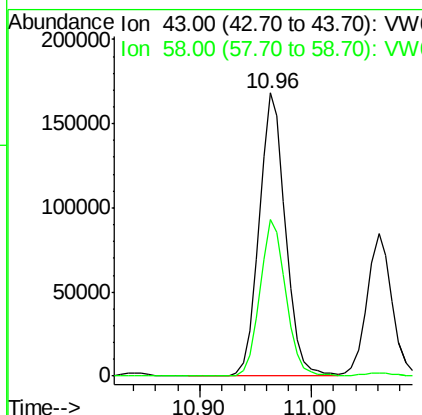
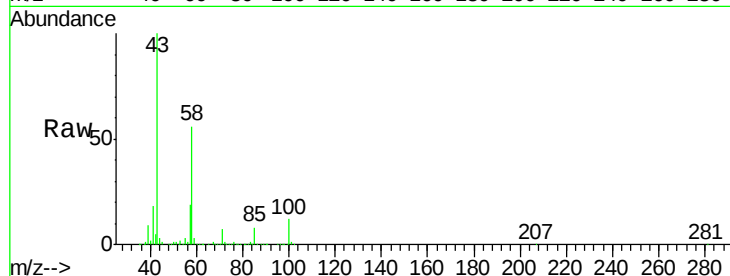




#59
2-Hexanone
Concen: 99.19 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

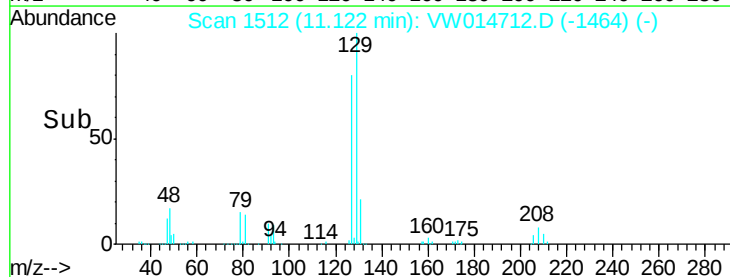
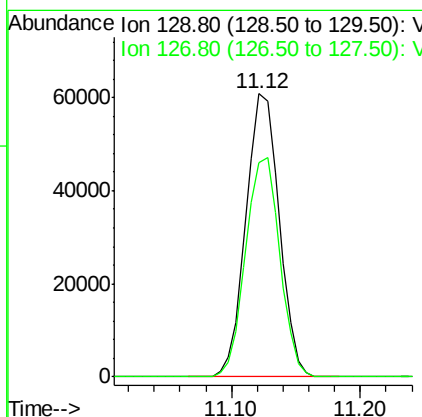
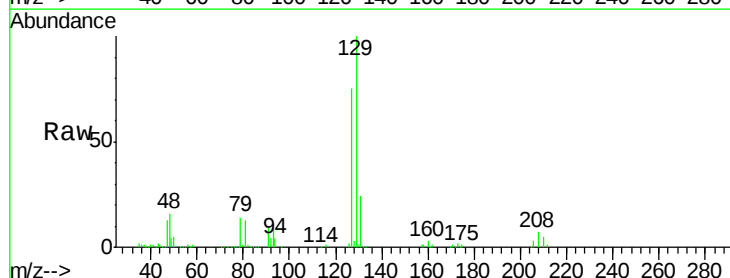
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

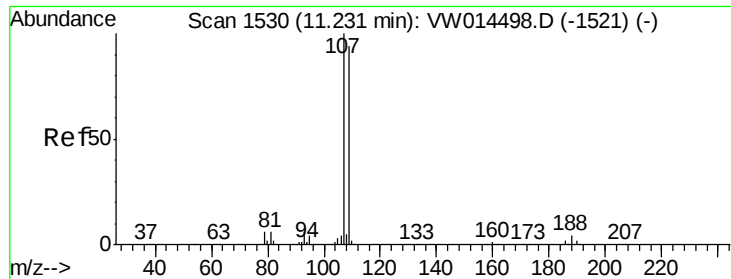
Tgt Ion: 43 Resp: 277891
Ion Ratio Lower Upper
43 100
58 54.4 28.7 86.3



#60
Dibromochloromethane
Concen: 20.28 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 129 Resp: 108890
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.5

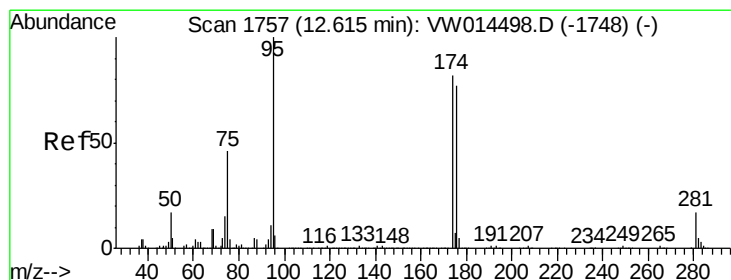
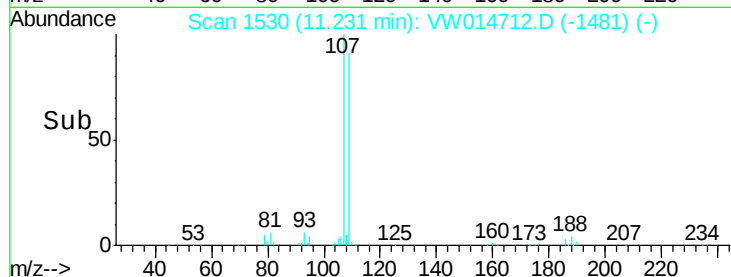
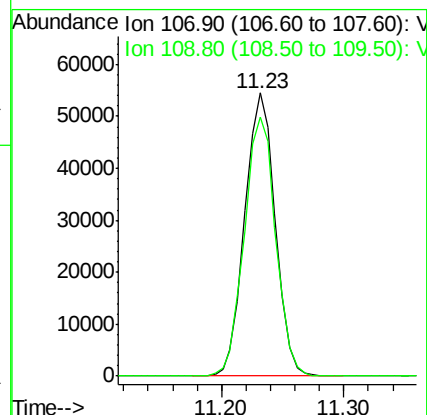
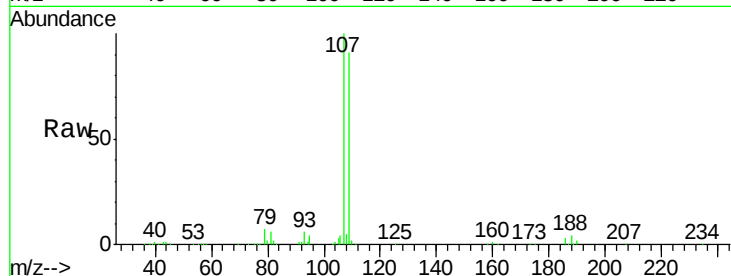




#61
 1,2-Dibromoethane
 Concen: 20.83 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

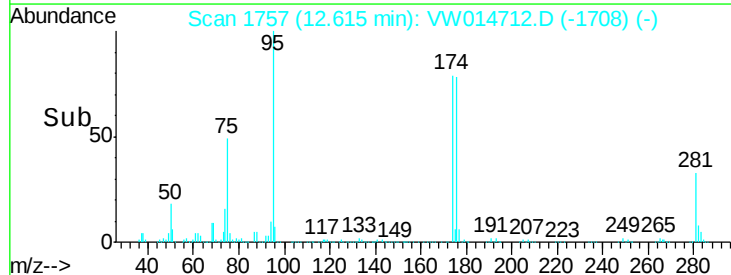
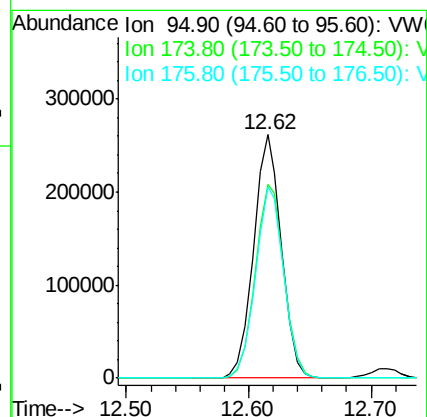
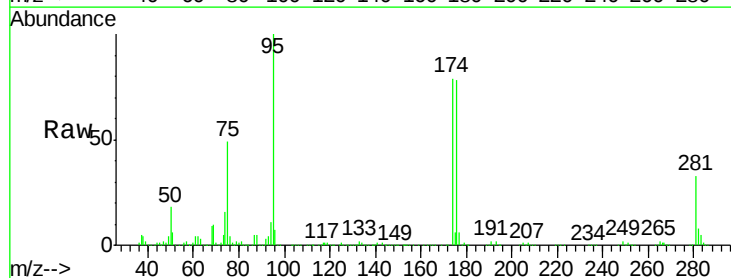
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

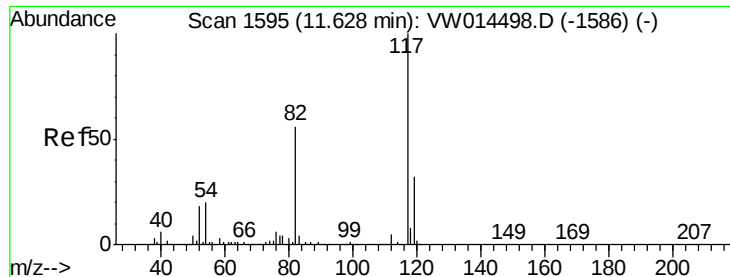
Tgt Ion: 107 Resp: 94066
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.70 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 95 Resp: 412380
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 168.6
 176 79.7 0.0 162.0

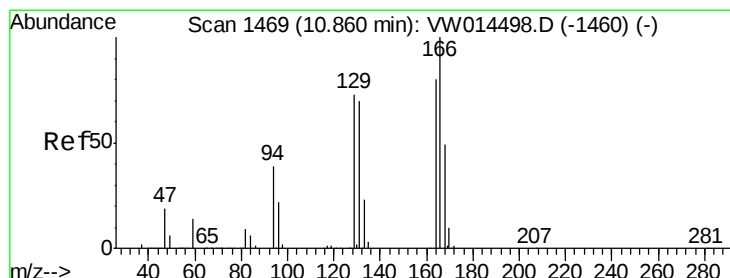
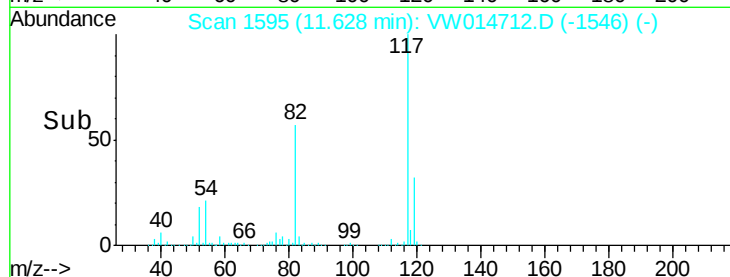
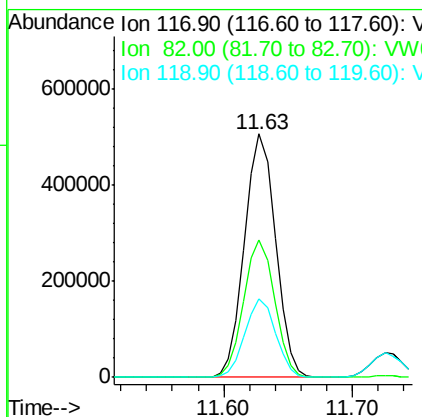
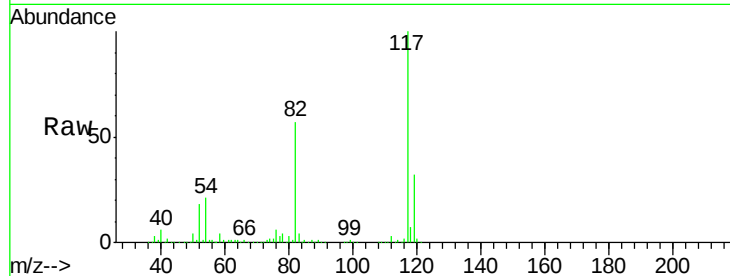




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

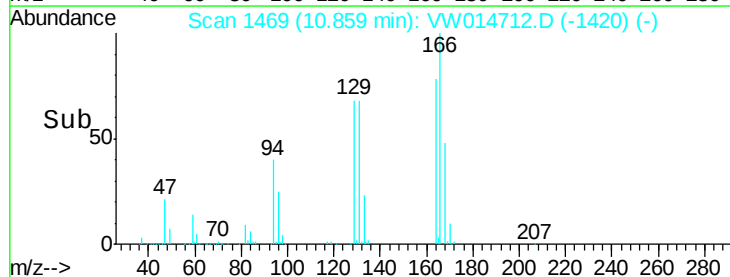
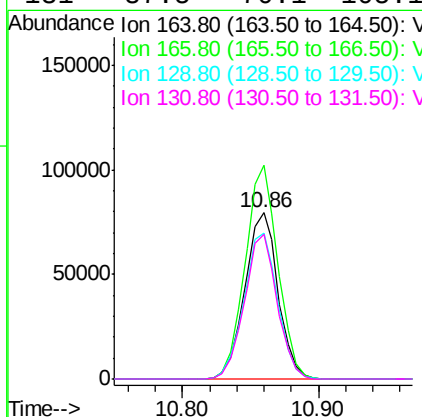
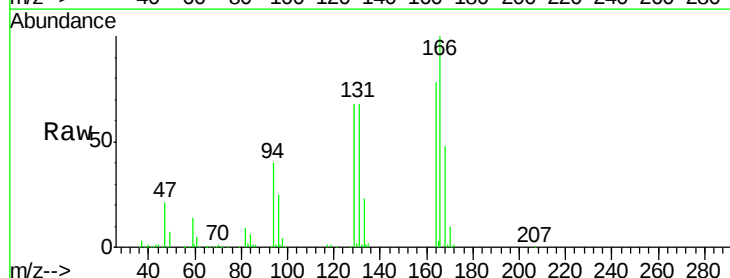
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

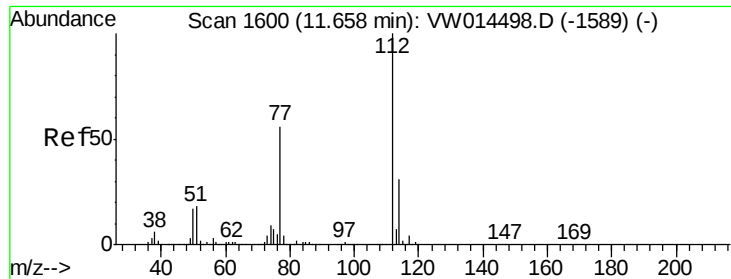
Tgt Ion:117 Resp: 844785
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 22.14 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion:164 Resp: 135433
Ion Ratio Lower Upper
164 100
166 128.8 99.8 149.6
129 88.1 72.4 108.6
131 87.5 70.1 105.1





#65

Chlorobenzene

Concen: 22.15 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

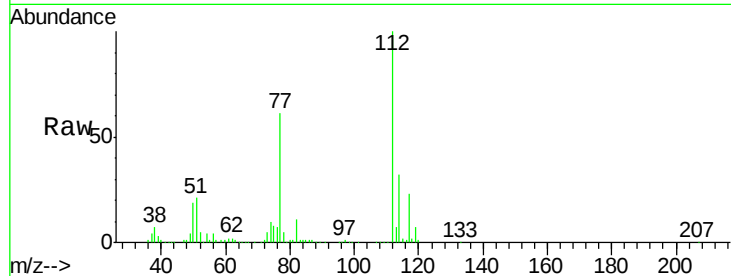
VW0122SBS01

Tgt Ion:112 Resp: 383335

Ion Ratio Lower Upper

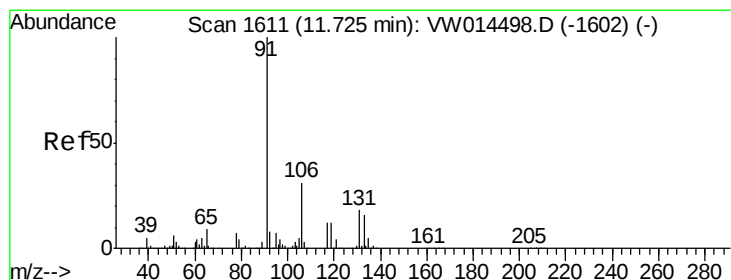
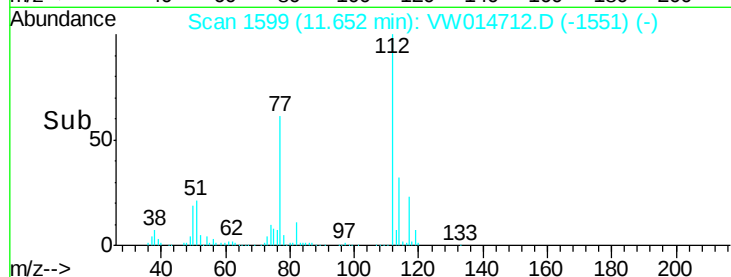
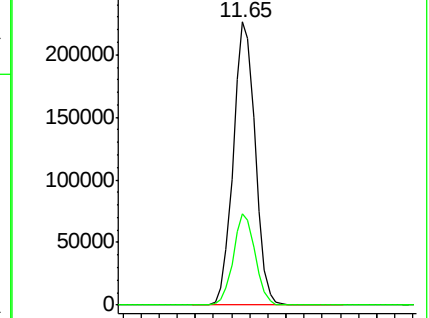
112 100

114 32.3 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.22 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

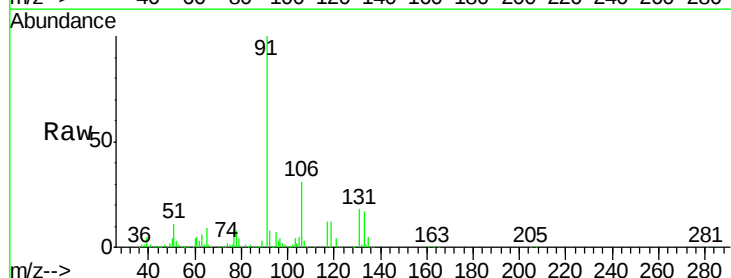
Tgt Ion:131 Resp: 129489

Ion Ratio Lower Upper

131 100

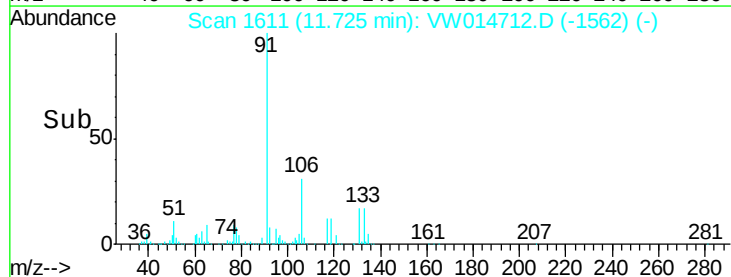
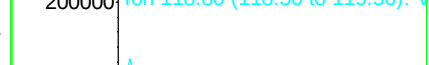
133 95.8 47.3 142.0

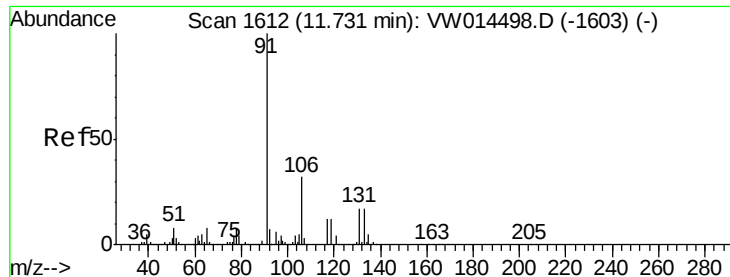
119 65.2 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

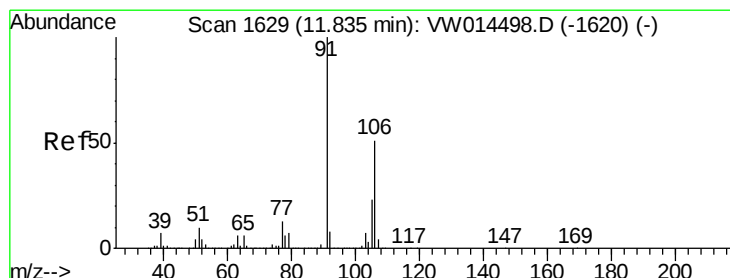
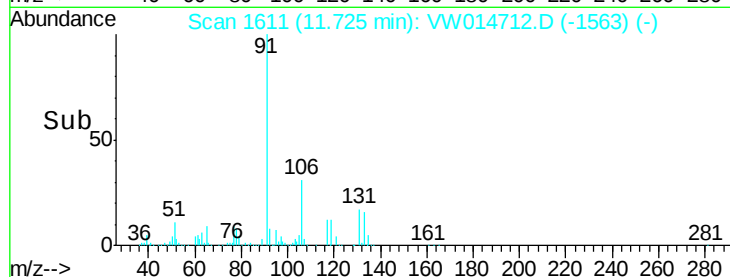
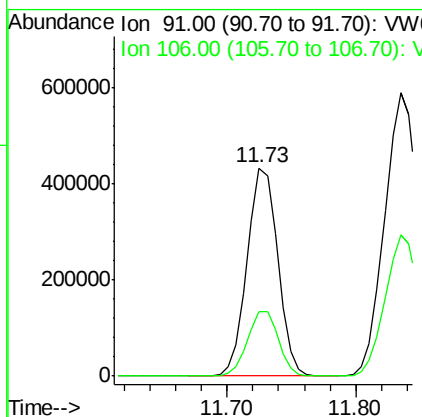
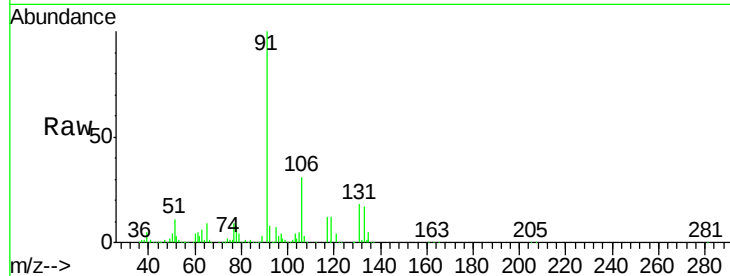




#67
Ethyl Benzene
Concen: 22.78 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

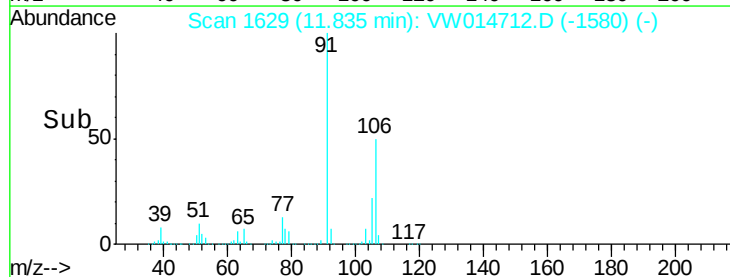
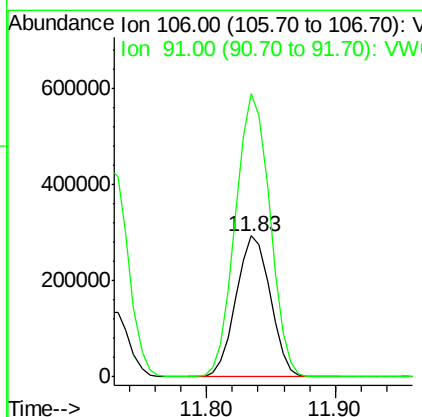
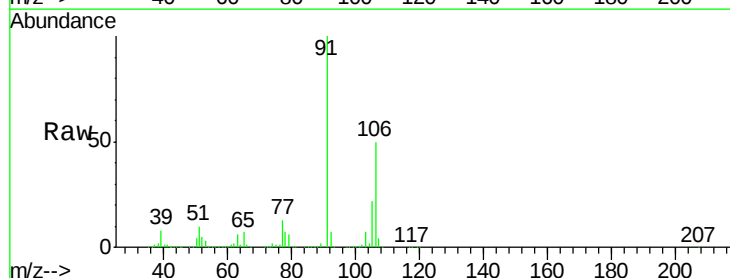
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

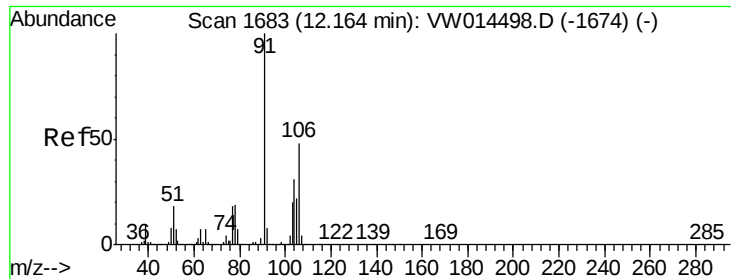
Tgt Ion: 91 Resp: 710365
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 45.33 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 106 Resp: 541102
Ion Ratio Lower Upper
106 100
91 202.1 159.0 238.6

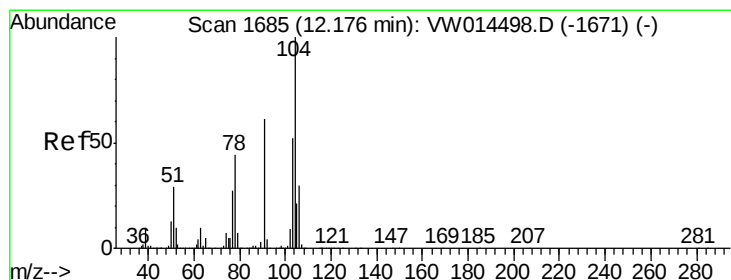
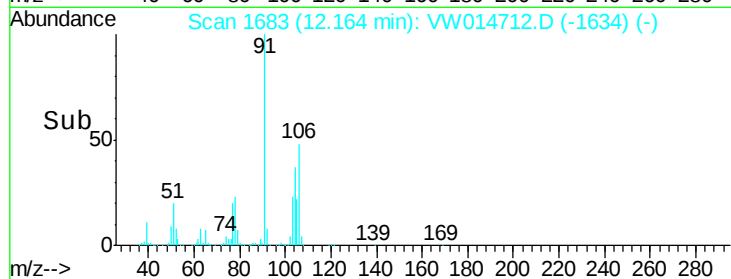
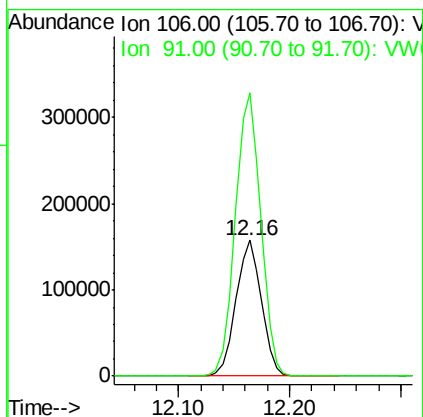
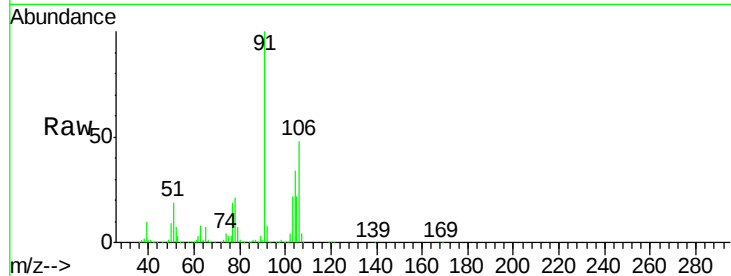




#69
o-Xylene
Concen: 22.49 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

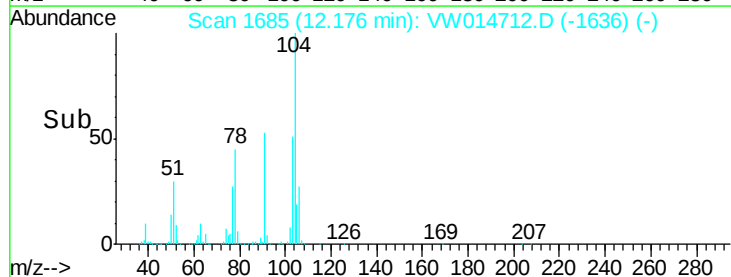
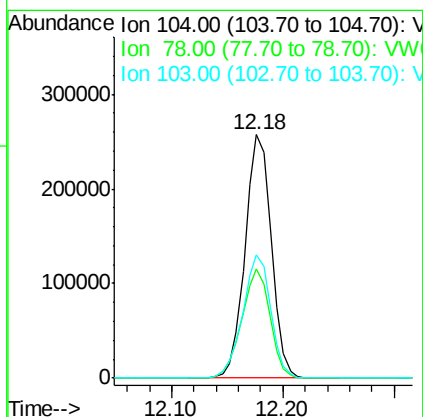
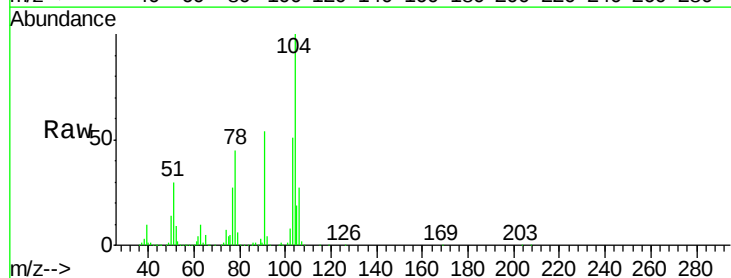
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tgt Ion:106 Resp: 247968
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.6



#70
Styrene
Concen: 22.69 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion:104 Resp: 423229
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 54.0 43.7 65.5





#71

Bromoform

Concen: 19.89 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

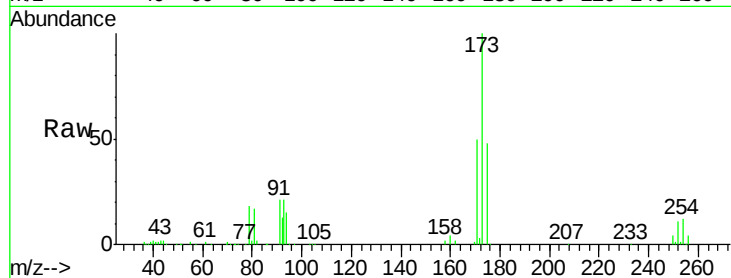
Tgt Ion:173 Resp: 63216

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

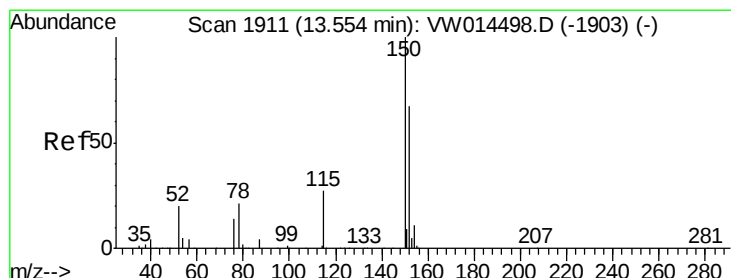
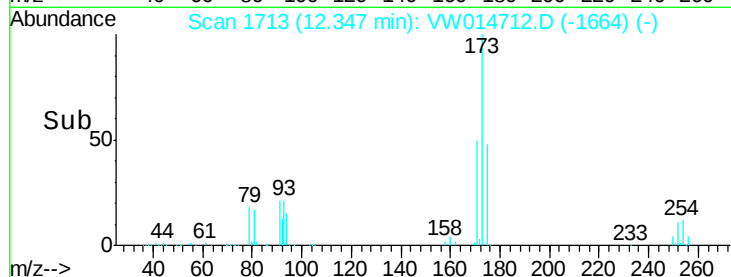
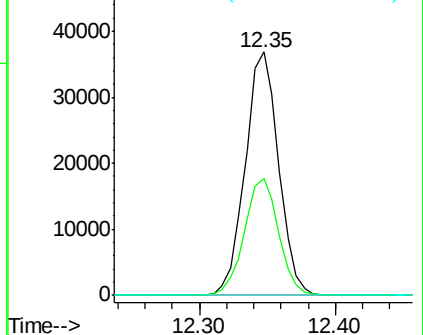
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

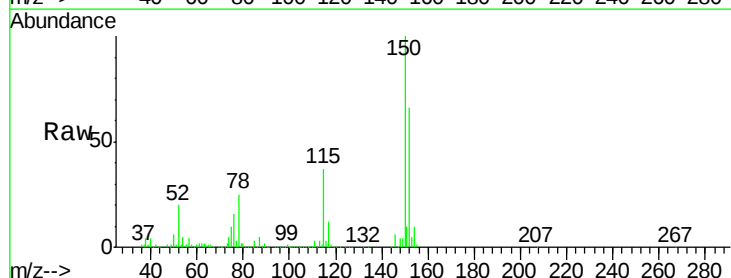
Tgt Ion:152 Resp: 421517

Ion Ratio Lower Upper

152 100

115 56.4 27.7 83.1

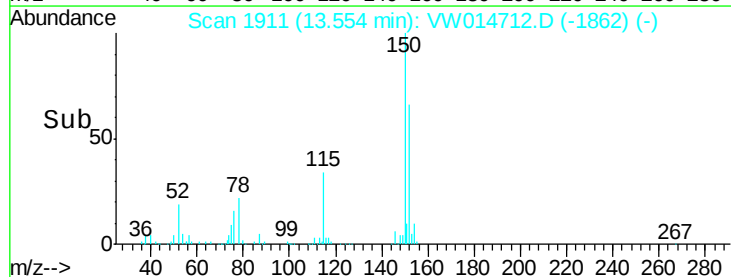
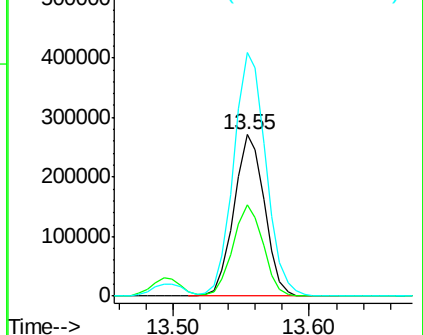
150 160.7 0.0 343.4



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: 22.32 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

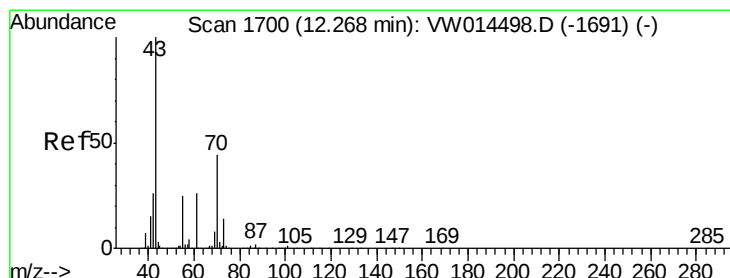
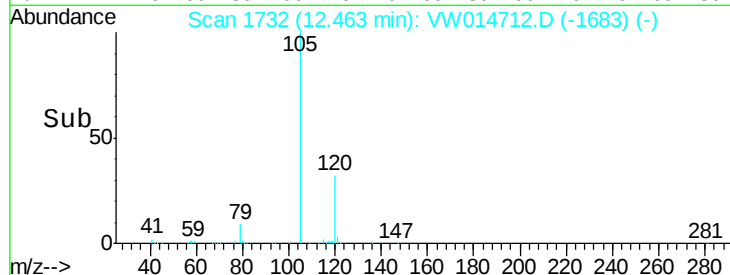
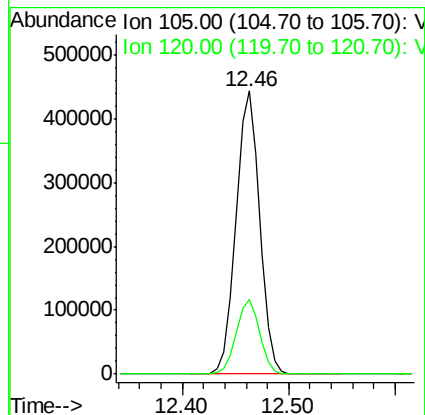
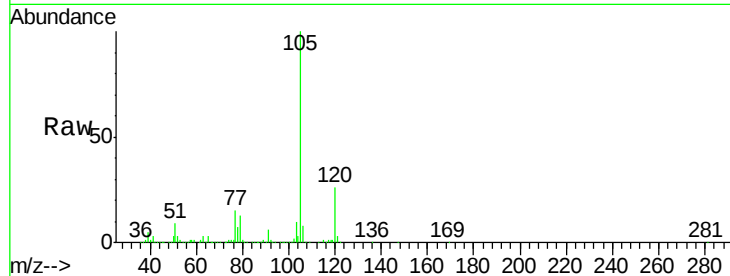
VW0122SBS01

Tgt Ion:105 Resp: 690468

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.22 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion: 43 Resp: 140196

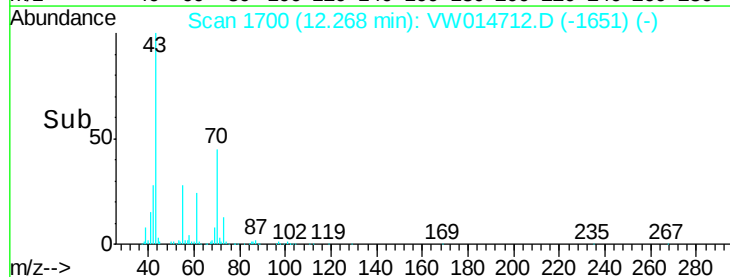
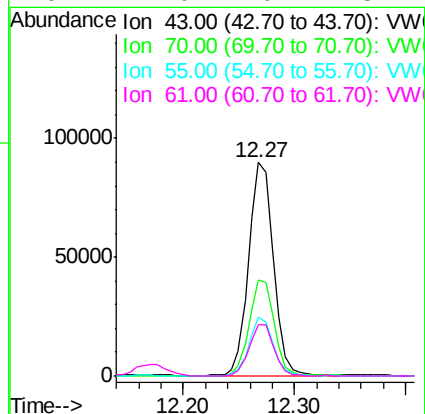
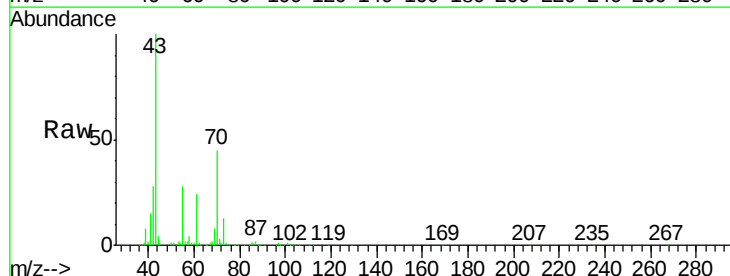
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 26.9 20.9 31.3

61 24.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.12 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

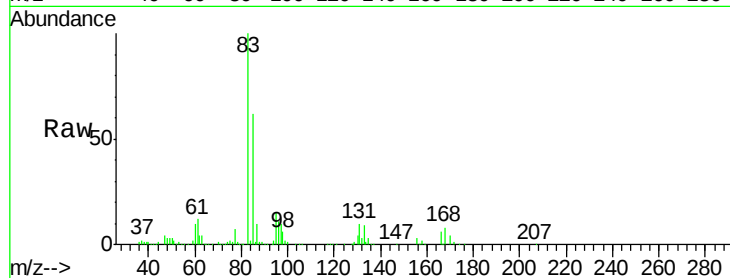
Tgt Ion: 83 Resp: 112347

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	63.4	31.9	95.7

83 100

131 10.5 5.1 15.4

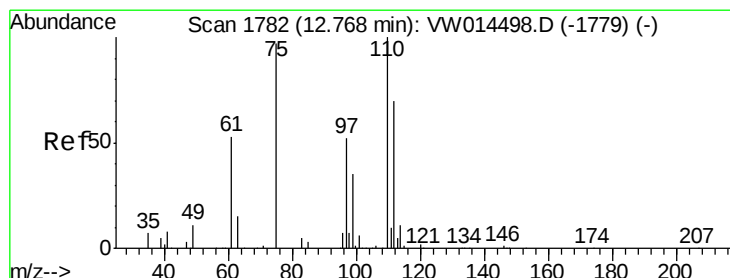
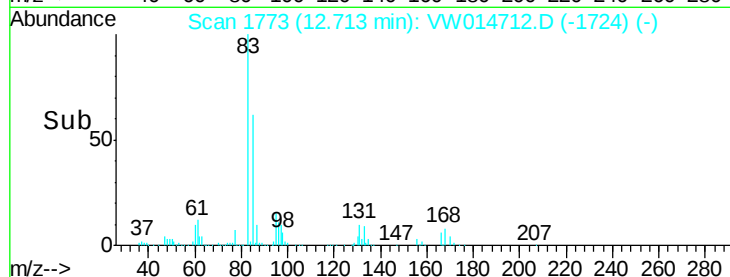
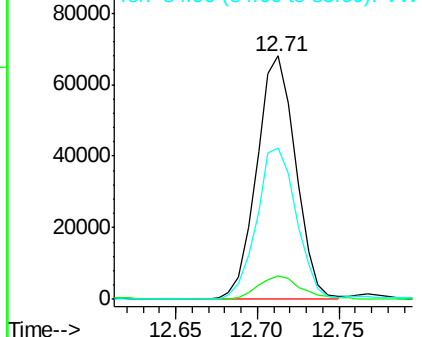
85 63.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.54 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW014712.D

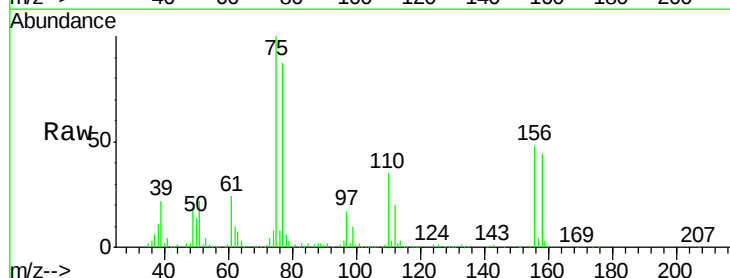
Acq: 22 Jan 2020 14:41

Tgt Ion: 75 Resp: 145627

Ion	Ratio	Lower	Upper
75	100		
77	199.3	0.0	0.0#

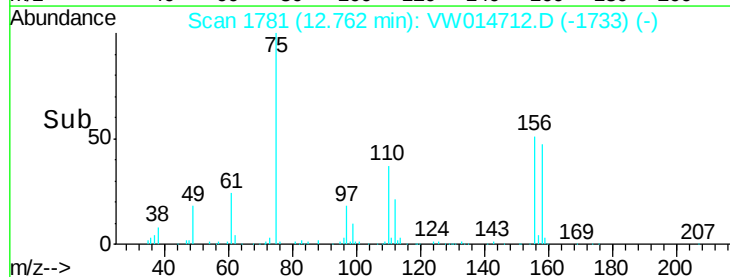
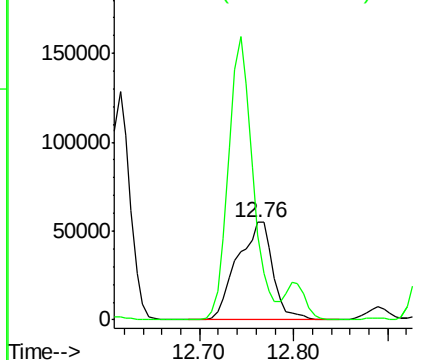
75 100

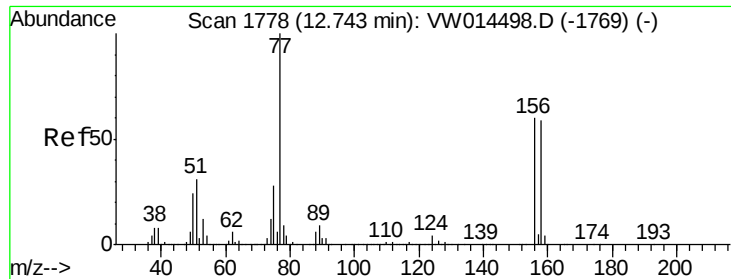
77 199.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.61 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampled :

VW0122SBS01

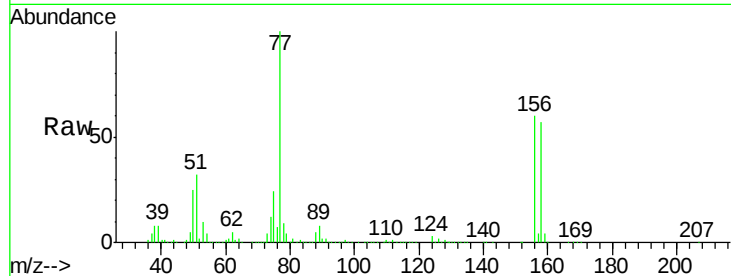
Tgt Ion:156 Resp: 155199

Ion Ratio Lower Upper

156 100

77 187.0 92.3 277.1

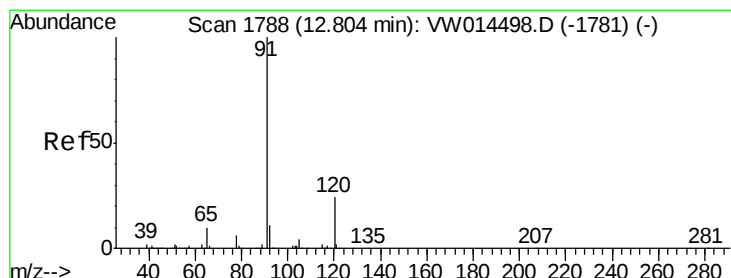
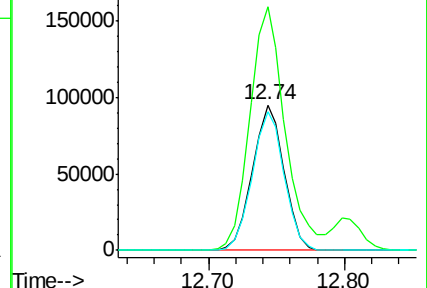
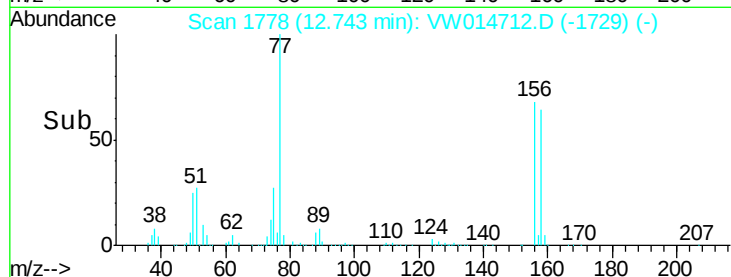
158 96.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.83 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014712.D

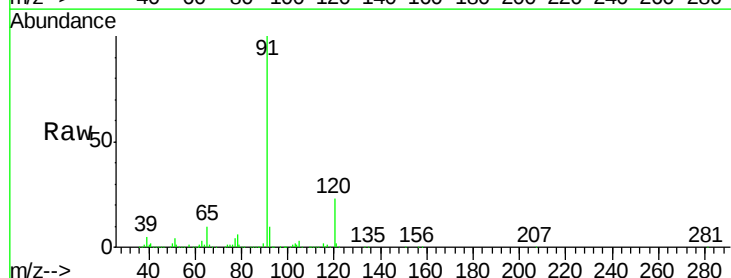
Acq: 22 Jan 2020 14:41

Tgt Ion: 91 Resp: 830402

Ion Ratio Lower Upper

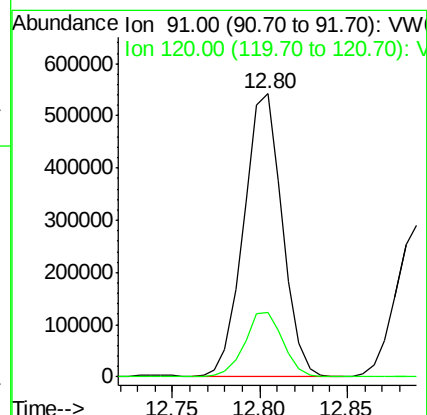
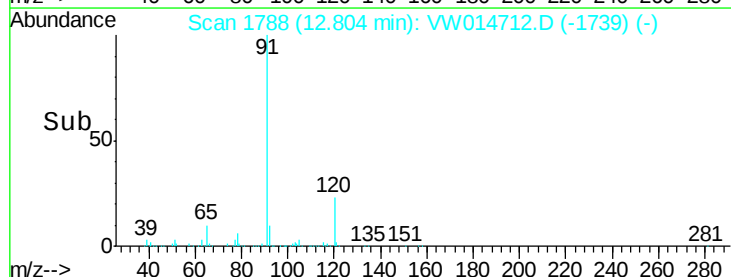
91 100

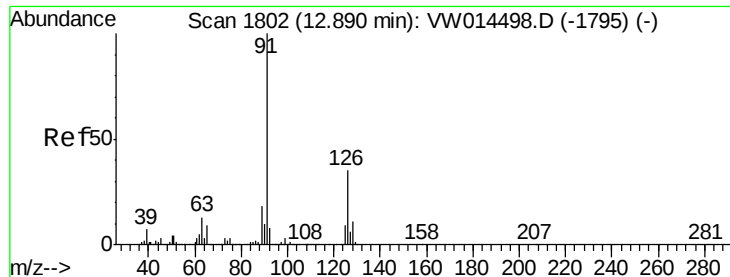
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.27 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

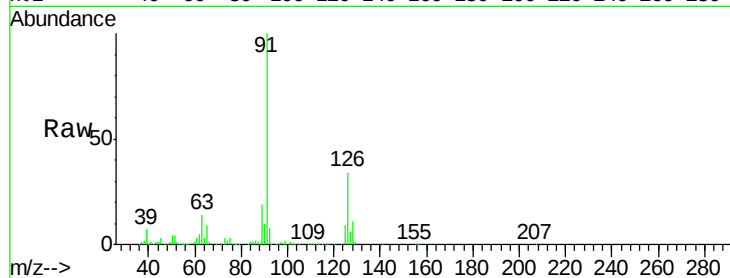
VW0122SBS01

Tgt Ion: 91 Resp: 460899

Ion Ratio Lower Upper

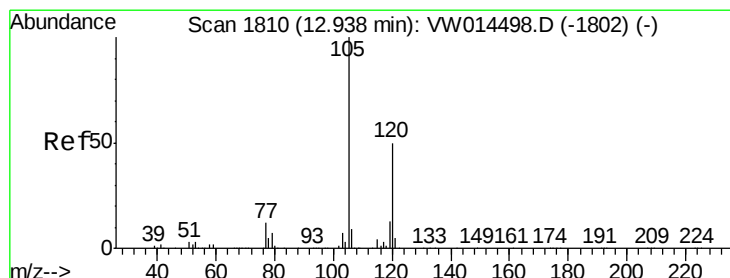
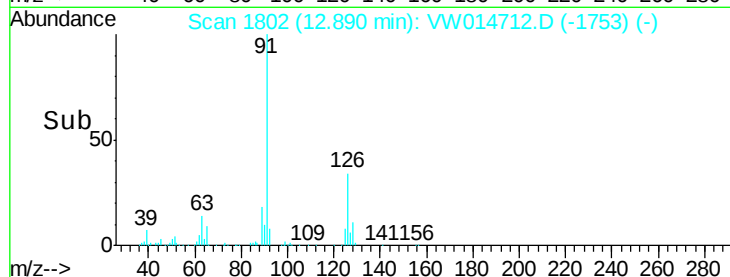
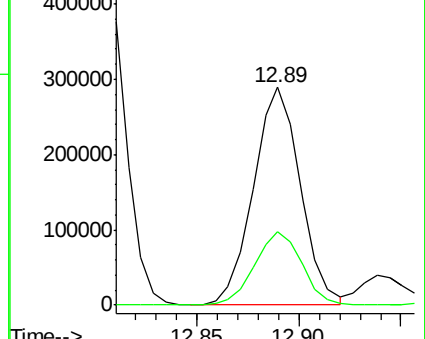
91 100

126 34.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.51 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014712.D

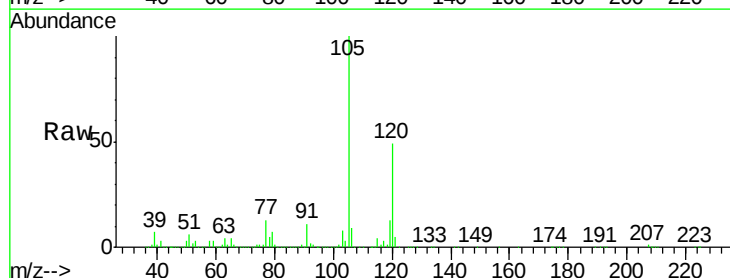
Acq: 22 Jan 2020 14:41

Tgt Ion: 105 Resp: 584442

Ion Ratio Lower Upper

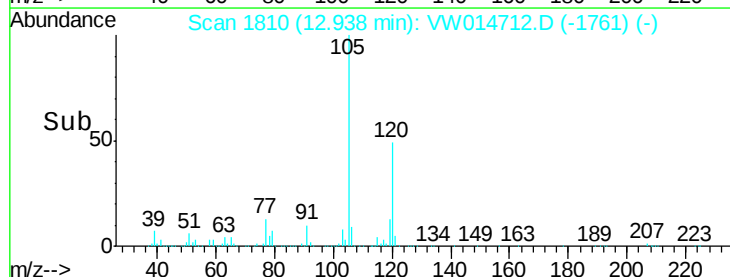
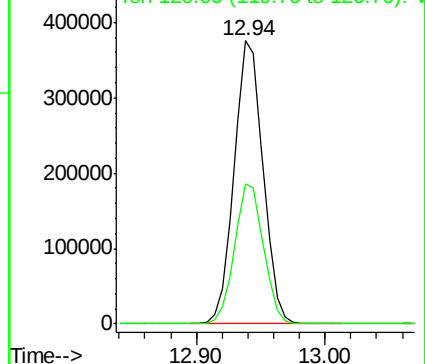
105 100

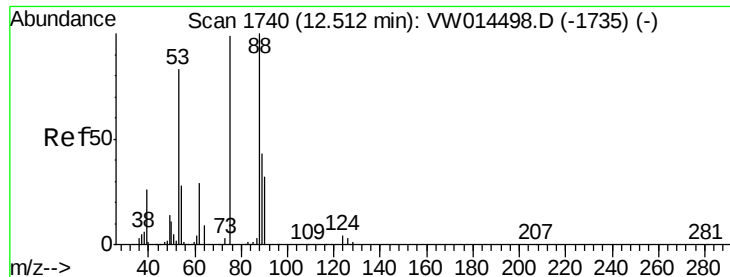
120 49.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

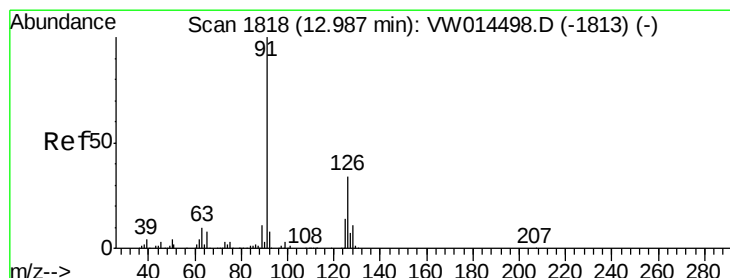
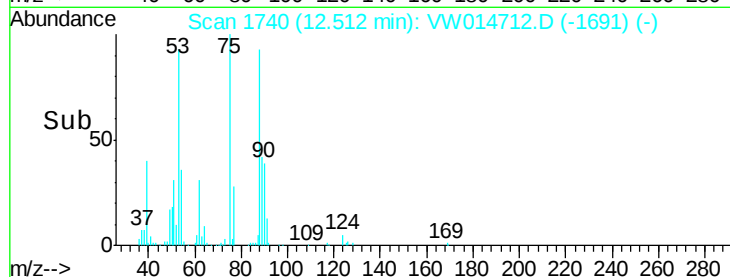
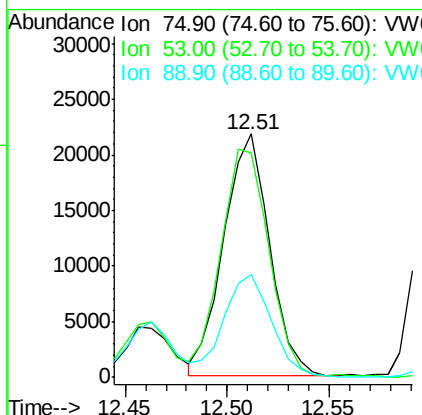
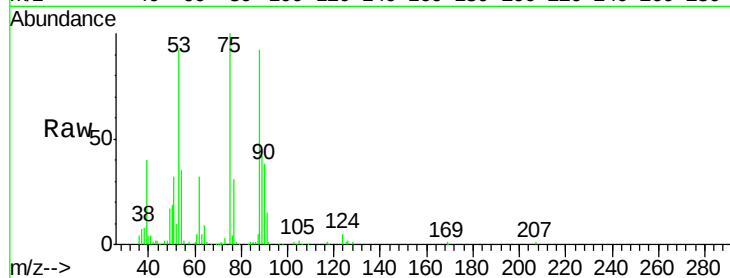




#81
trans-1,4-Dichloro-2-butene
Concen: 19.02 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

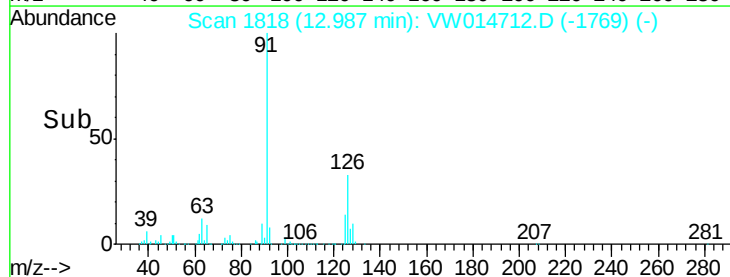
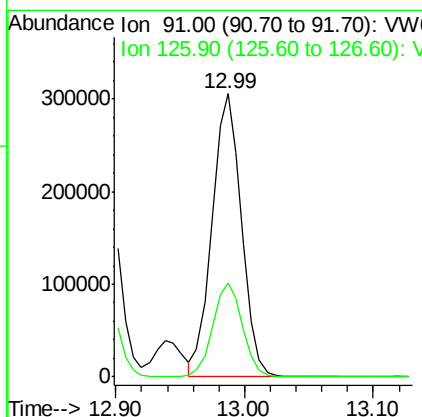
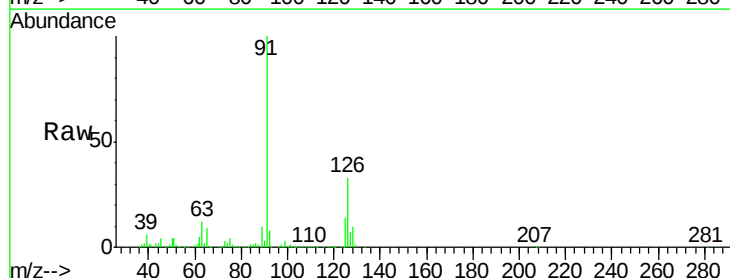
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

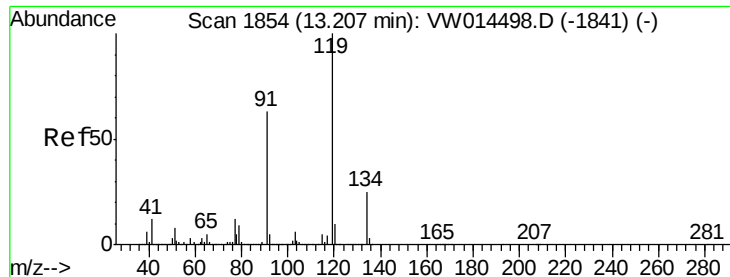
Tgt Ion: 75 Resp: 34013
Ion Ratio Lower Upper
75 100
53 100.0 70.9 106.3
89 44.8 35.8 53.8



#82
4-Chlorotoluene
Concen: 22.69 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 91 Resp: 487902
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.16 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

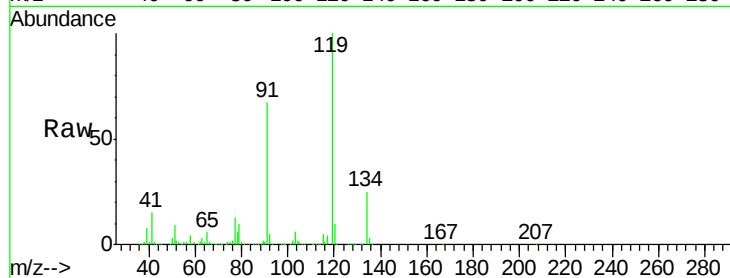
Tgt Ion:119 Resp: 503922

Ion Ratio Lower Upper

119 100

91 63.4 31.1 93.3

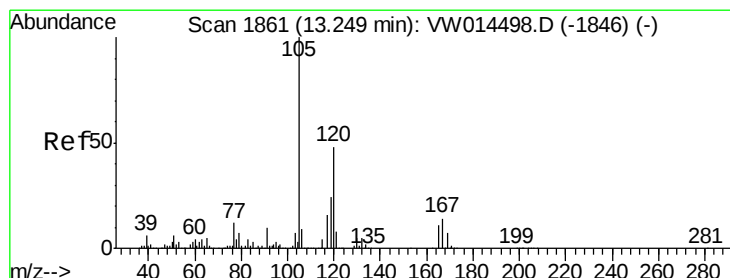
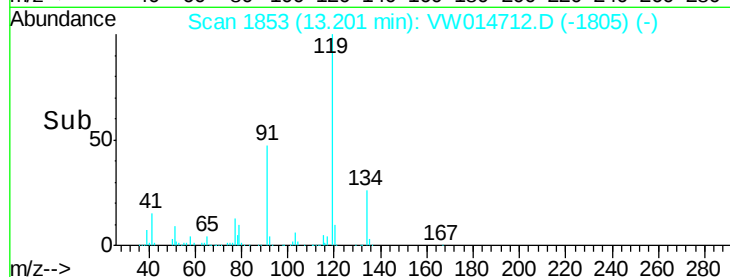
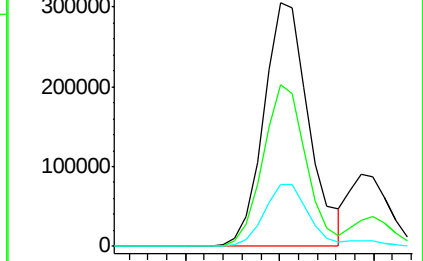
134 25.2 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.65 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014712.D

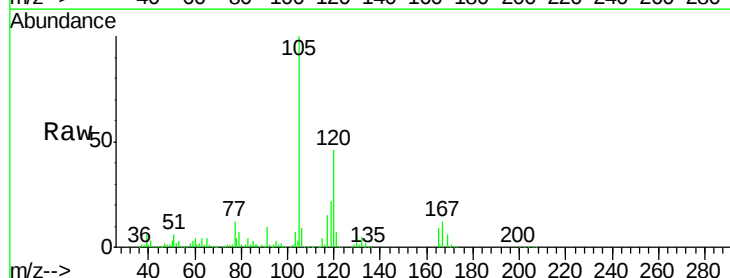
Acq: 22 Jan 2020 14:41

Tgt Ion:105 Resp: 585450

Ion Ratio Lower Upper

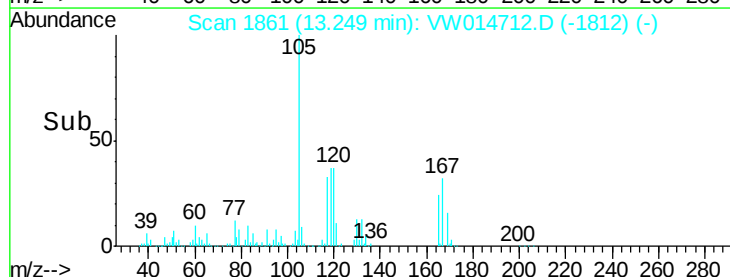
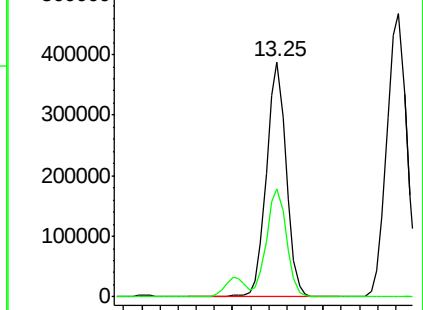
105 100

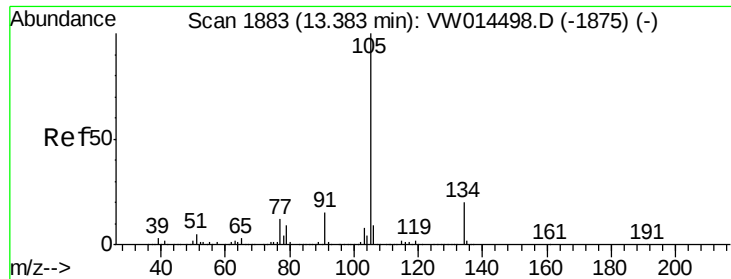
120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

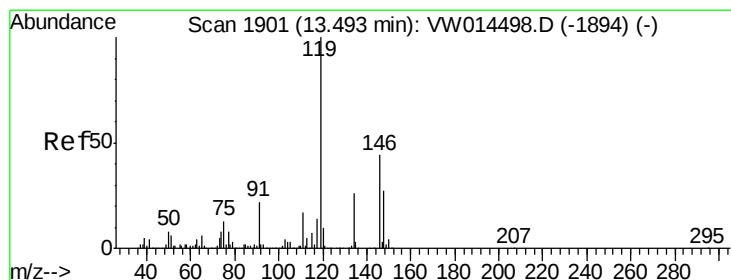
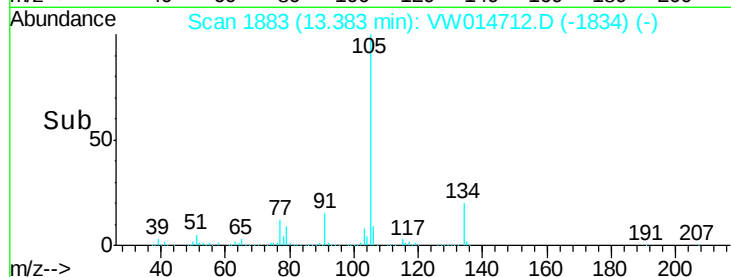
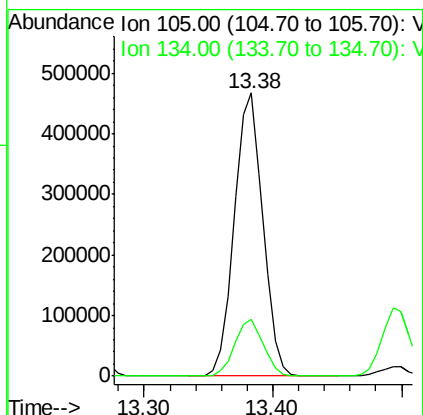
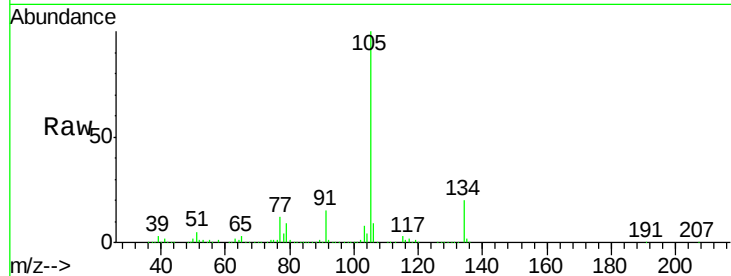




#85
 sec-Butylbenzene
 Concen: 22.78 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

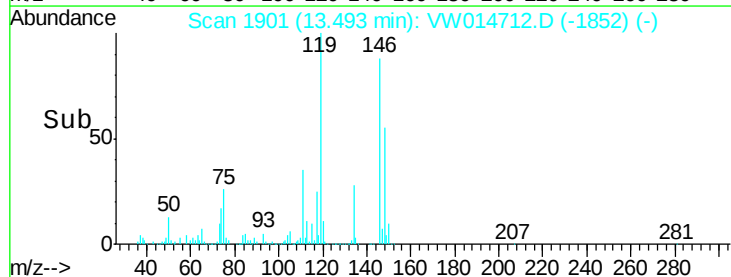
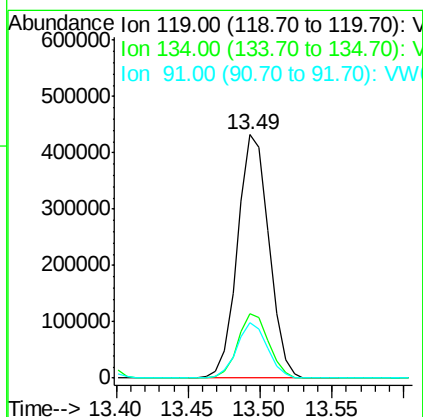
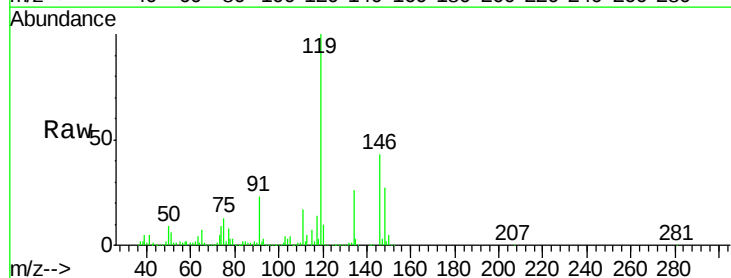
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

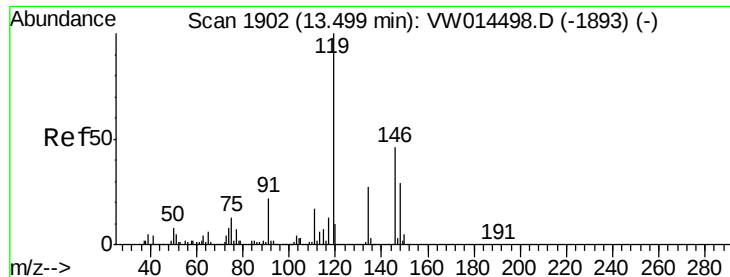
Tgt Ion:105 Resp: 717027
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.77 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion:119 Resp: 653222
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 22.2 11.1 33.3

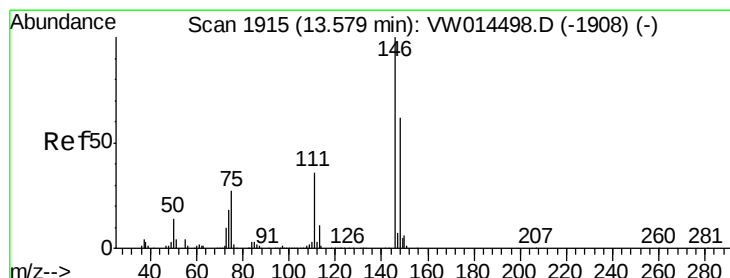
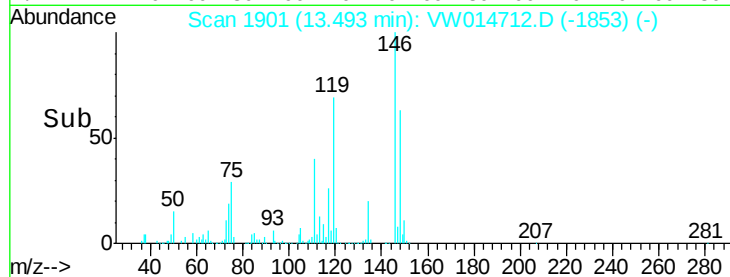
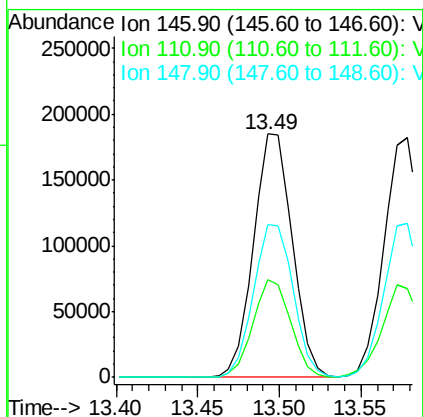
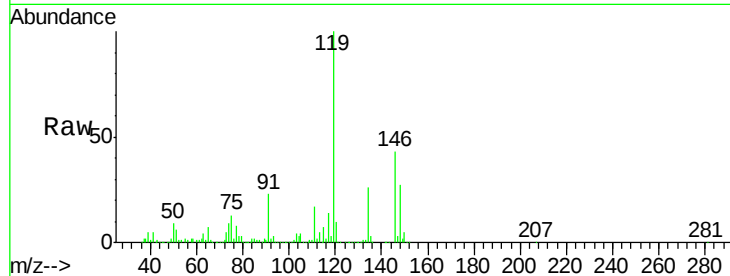




#87
 1,3-Dichlorobenzene
 Concen: 21.99 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

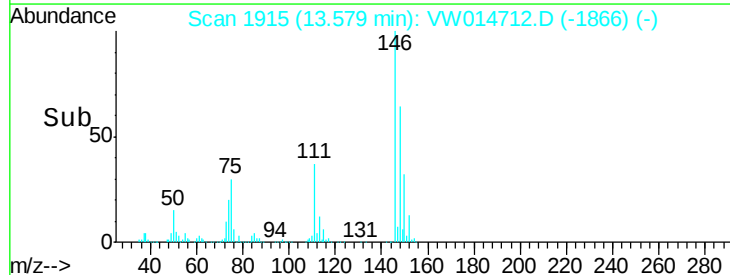
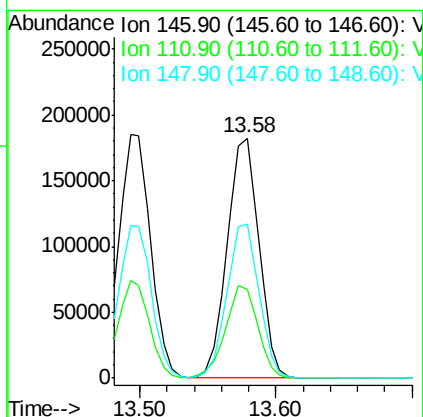
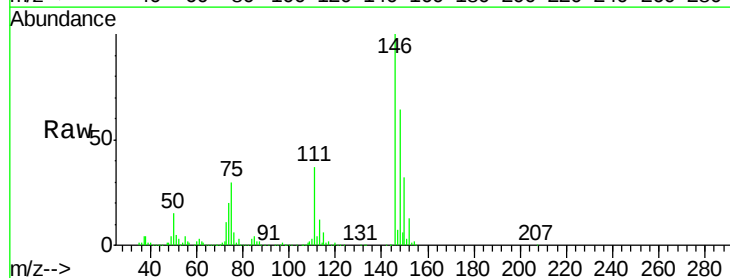
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

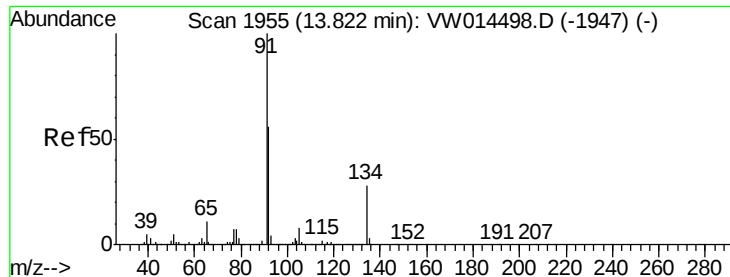
Tgt Ion:146 Resp: 307183
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.9
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion:146 Resp: 296597
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.7 56.1
 148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 23.01 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

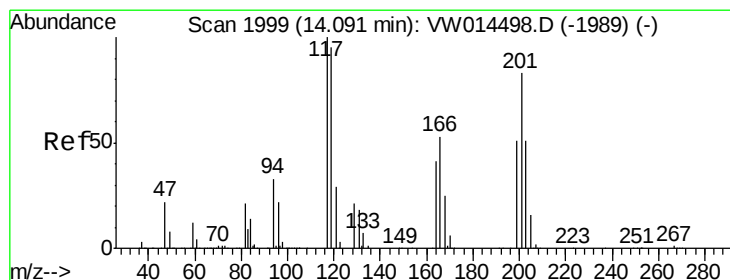
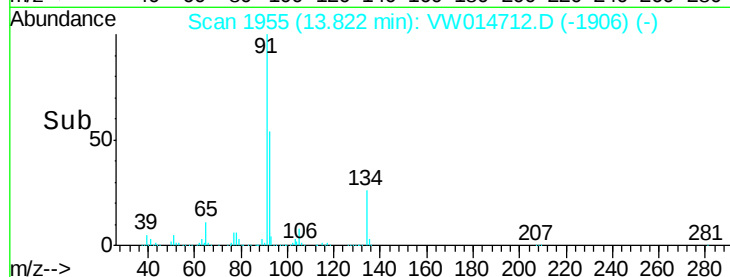
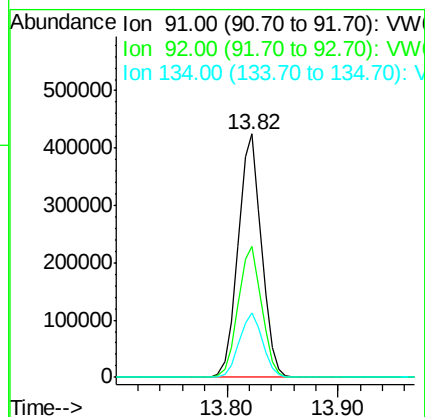
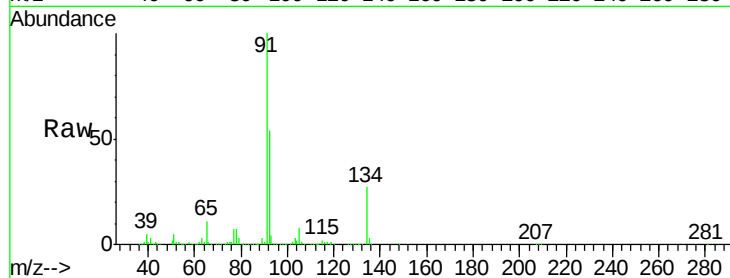
Tgt Ion: 91 Resp: 612941

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

134 26.6 13.7 41.1



#90

Hexachloroethane

Concen: 21.80 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014712.D

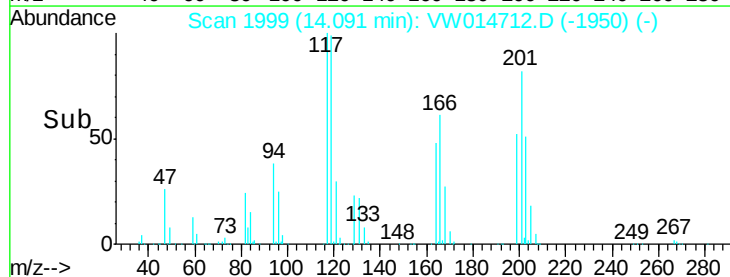
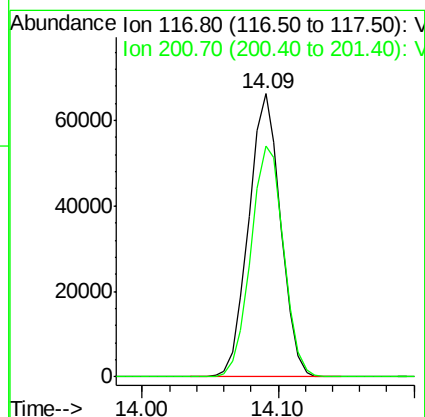
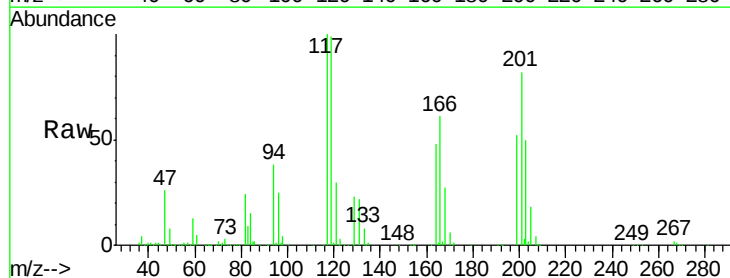
Acq: 22 Jan 2020 14:41

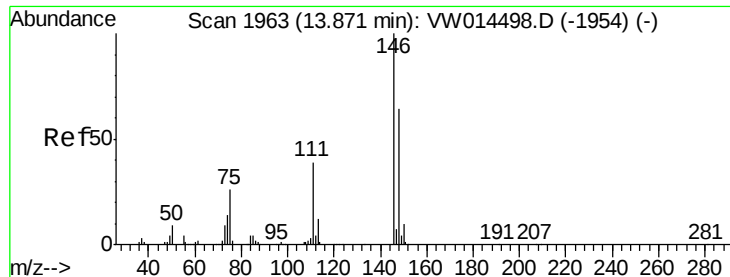
Tgt Ion: 117 Resp: 109222

Ion Ratio Lower Upper

117 100

201 83.8 43.0 128.8

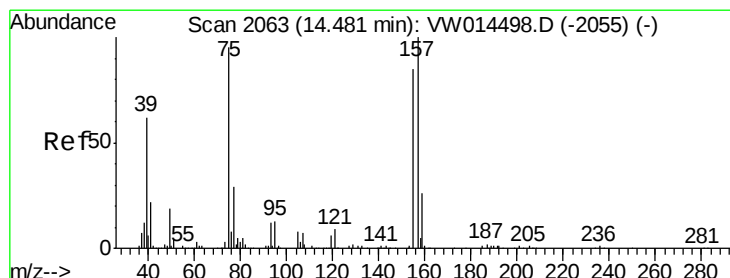
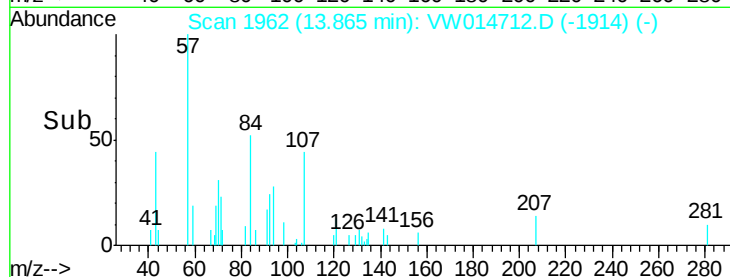
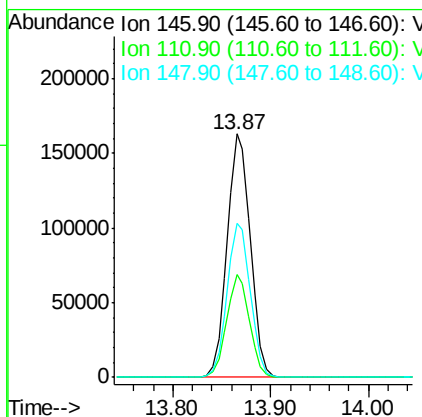
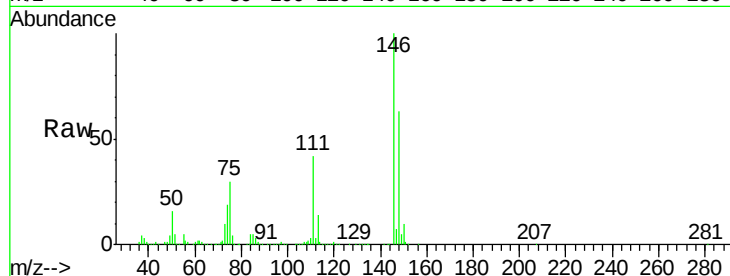




#91
 1,2-Dichlorobenzene
 Concen: 21.79 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

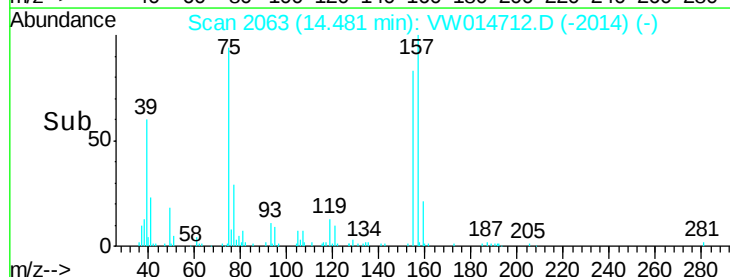
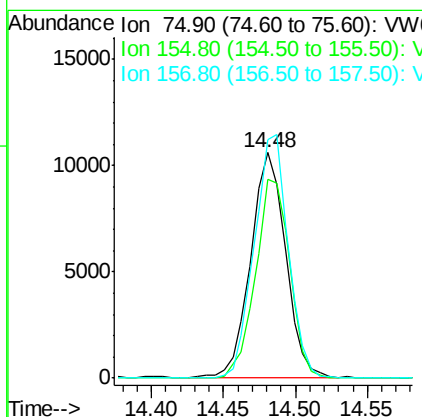
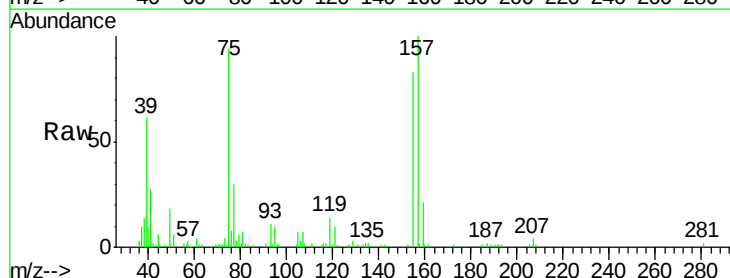
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

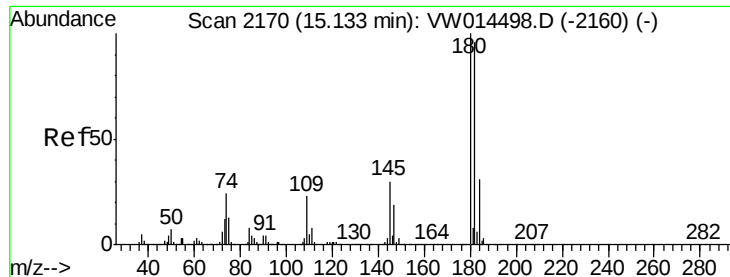
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.16 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	45.8	137.4
157	104.5	58.1	174.2

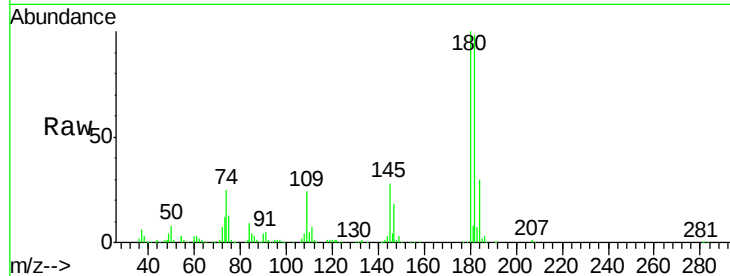




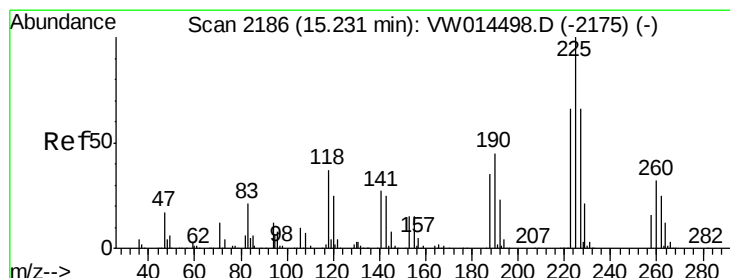
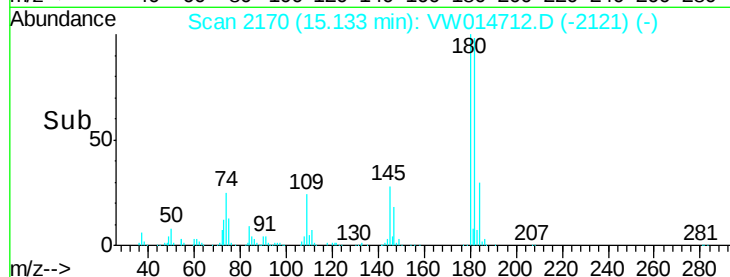
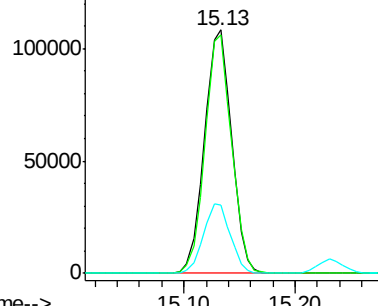
#93
 1,2,4-Trichlorobenzene
 Concen: 21.99 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tgt Ion:180 Resp: 182328
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.8
 145 28.4 14.7 44.1

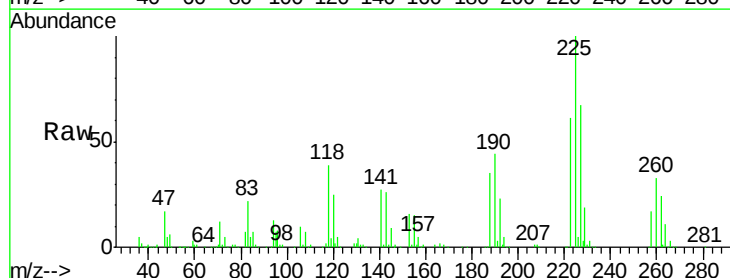


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

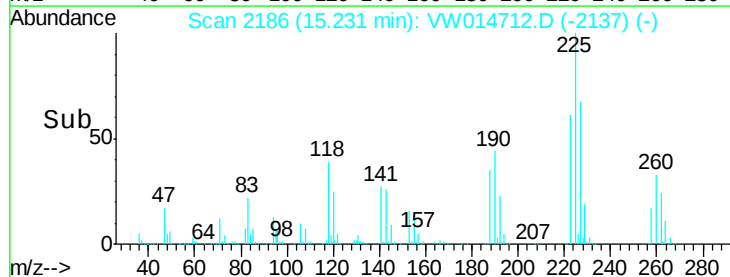
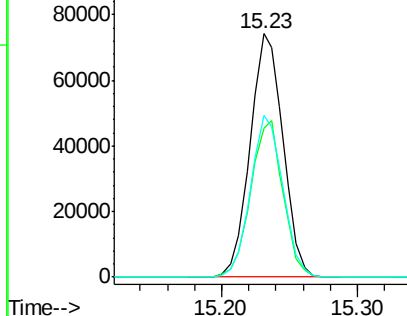


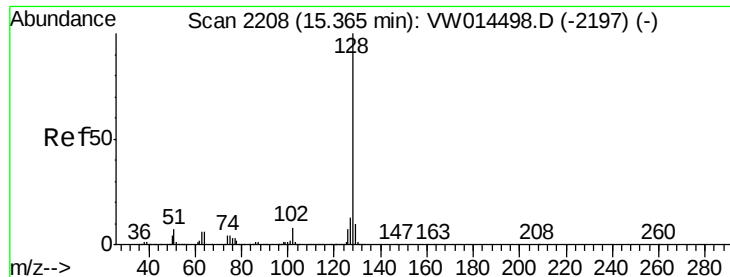
#94
 Hexachlorobutadiene
 Concen: 22.64 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion:225 Resp: 125785
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 65.3 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.26 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

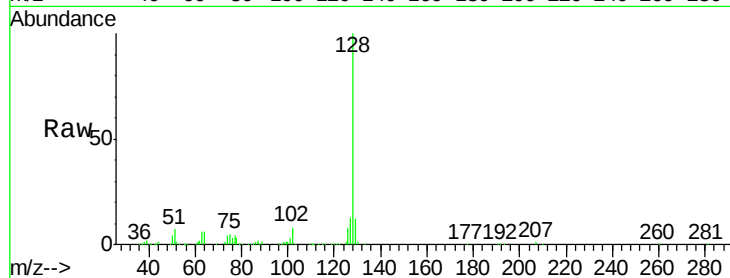
Tgt Ion:128 Resp: 286516

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

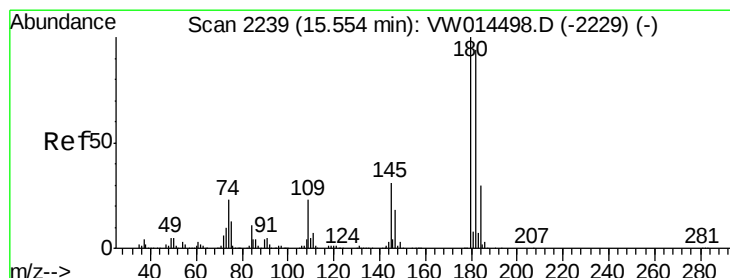
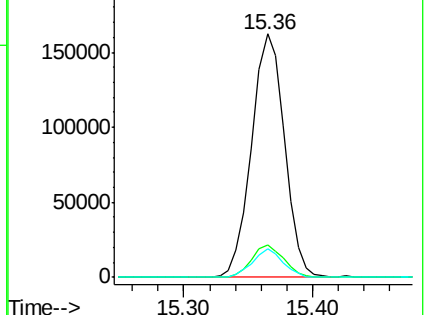
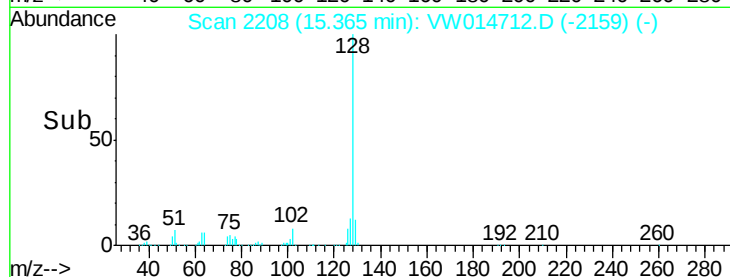
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.62 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

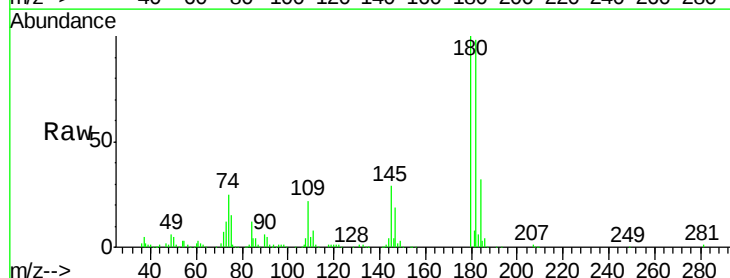
Tgt Ion:180 Resp: 156234

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 30.3 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

