

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015526.D
 Acq On : 02 Jun 2020 14:07
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 15:27:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121769	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	112126	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.32	98	446758	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	166062	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	75693	56.002	ug/l 99
3) Chloromethane	2.22	50	84564	50.905	ug/l 99
4) Vinyl Chloride	2.37	62	137457	53.093	ug/l 99
5) Bromomethane	2.79	94	90597	49.637	ug/l 98
6) Chloroethane	2.93	64	86423	51.568	ug/l 96
7) Trichlorofluoromethane	3.26	101	106334	55.037	ug/l 98
8) Diethyl Ether	3.68	74	59794	51.029	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121119	51.526	ug/l 99
10) Methyl Iodide	4.26	142	176114	50.743	ug/l 99
11) Tert butyl alcohol	5.17	59	46135	272.413	ug/l 99
12) 1,1-Dichloroethene	4.04	96	121100	51.766	ug/l 99
13) Acrolein	3.89	56	37529	240.410	ug/l 99
14) Allyl chloride	4.67	41	202047	50.778	ug/l 99
15) Acrylonitrile	5.37	53	118024	243.597	ug/l 99
16) Acetone	4.12	43	141675	246.202	ug/l 100
17) Carbon Disulfide	4.38	76	363110	51.970	ug/l 100
18) Methyl Acetate	4.67	43	52288	45.594	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	188146	51.825	ug/l 99
20) Methylene Chloride	4.91	84	123393	46.099	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	133759	50.536	ug/l 100
22) Diisopropyl ether	6.31	45	383327	50.981	ug/l 99
23) Vinyl Acetate	6.26	43	1126674	252.724	ug/l 99
24) 1,1-Dichloroethane	6.21	63	235134	49.631	ug/l 99
25) 2-Butanone	7.17	43	162973	237.448	ug/l 99
26) 2,2-Dichloropropane	7.17	77	159917	48.060	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	143353	49.789	ug/l 98
28) Bromochloromethane	7.51	49	85983	48.359	ug/l 98
29) Tetrahydrofuran	7.53	42	97256	239.011	ug/l 100
30) Chloroform	7.68	83	234863	49.383	ug/l 98
31) Cyclohexane	7.96	56	224829	48.596	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	207196	50.441	ug/l 99
36) 1,1-Dichloropropene	8.08	75	194156	50.936	ug/l 100
37) Ethyl Acetate	7.25	43	71686	48.458	ug/l 99
38) Carbon Tetrachloride	8.07	117	191442	51.297	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246182	52.370	ug/l	97
40) Benzene	8.32	78	521846	50.733	ug/l	99
41) Methacrylonitrile	7.48	41	41068	48.331	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156835	49.956	ug/l	100
43) Isopropyl Acetate	8.42	43	144414	49.139	ug/l	99
44) Trichloroethene	9.09	130	139623	50.868	ug/l	97
45) 1,2-Dichloropropane	9.37	63	126936	50.588	ug/l	98
46) Dibromomethane	9.46	93	63824	49.825	ug/l	100
47) Bromodichloromethane	9.65	83	176851	51.021	ug/l	100
48) Methyl methacrylate	9.44	41	68324	50.860	ug/l	99
49) 1,4-Dioxane	9.45	88	19102	890.963	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	349127	250.035	ug/l	99
52) Toluene	10.39	92	342596	51.634	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175435	51.346	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	208689	51.833	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88765	49.643	ug/l	98
56) Ethyl methacrylate	10.65	69	118237	50.838	ug/l	98
57) 1,3-Dichloropropane	10.93	76	158927	50.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282430	253.973	ug/l	99
59) 2-Hexanone	10.97	43	244310	252.955	ug/l	100
60) Dibromochloromethane	11.13	129	110709	50.743	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87384	51.066	ug/l	100
64) Tetrachloroethene	10.87	164	114953	50.041	ug/l	91
65) Chlorobenzene	11.66	112	355574	50.878	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	128148	51.308	ug/l	98
67) Ethyl Benzene	11.73	91	680168	51.724	ug/l	99
68) m/p-Xylenes	11.84	106	515259	104.870	ug/l	99
69) o-Xylene	12.17	106	237256	51.837	ug/l	99
70) Styrene	12.18	104	410052	52.454	ug/l	99
71) Bromoform	12.35	173	60191	50.139	ug/l #	100
73) Isopropylbenzene	12.46	105	672159	50.696	ug/l	99
74) N-amyl acetate	12.27	43	141221	49.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99670	48.786	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	137009	93.693	ug/l #	100
77) Bromobenzene	12.75	156	141238	49.332	ug/l	100
78) n-propylbenzene	12.80	91	805172	50.830	ug/l	99
79) 2-Chlorotoluene	12.90	91	453241	50.409	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	571384	51.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34096	50.223	ug/l	100
82) 4-Chlorotoluene	12.99	91	476462	51.327	ug/l	99
83) tert-Butylbenzene	13.21	119	494834	51.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	565177	50.617	ug/l	100
85) sec-Butylbenzene	13.38	105	694208	51.587	ug/l	100
86) p-Isopropyltoluene	13.50	119	637210	51.695	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	288852	50.856	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	289441	51.149	ug/l	99
89) n-Butylbenzene	13.82	91	609599	51.519	ug/l	99
90) Hexachloroethane	14.09	117	115120	50.770	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	246553	49.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17025	48.336	ug/l	99

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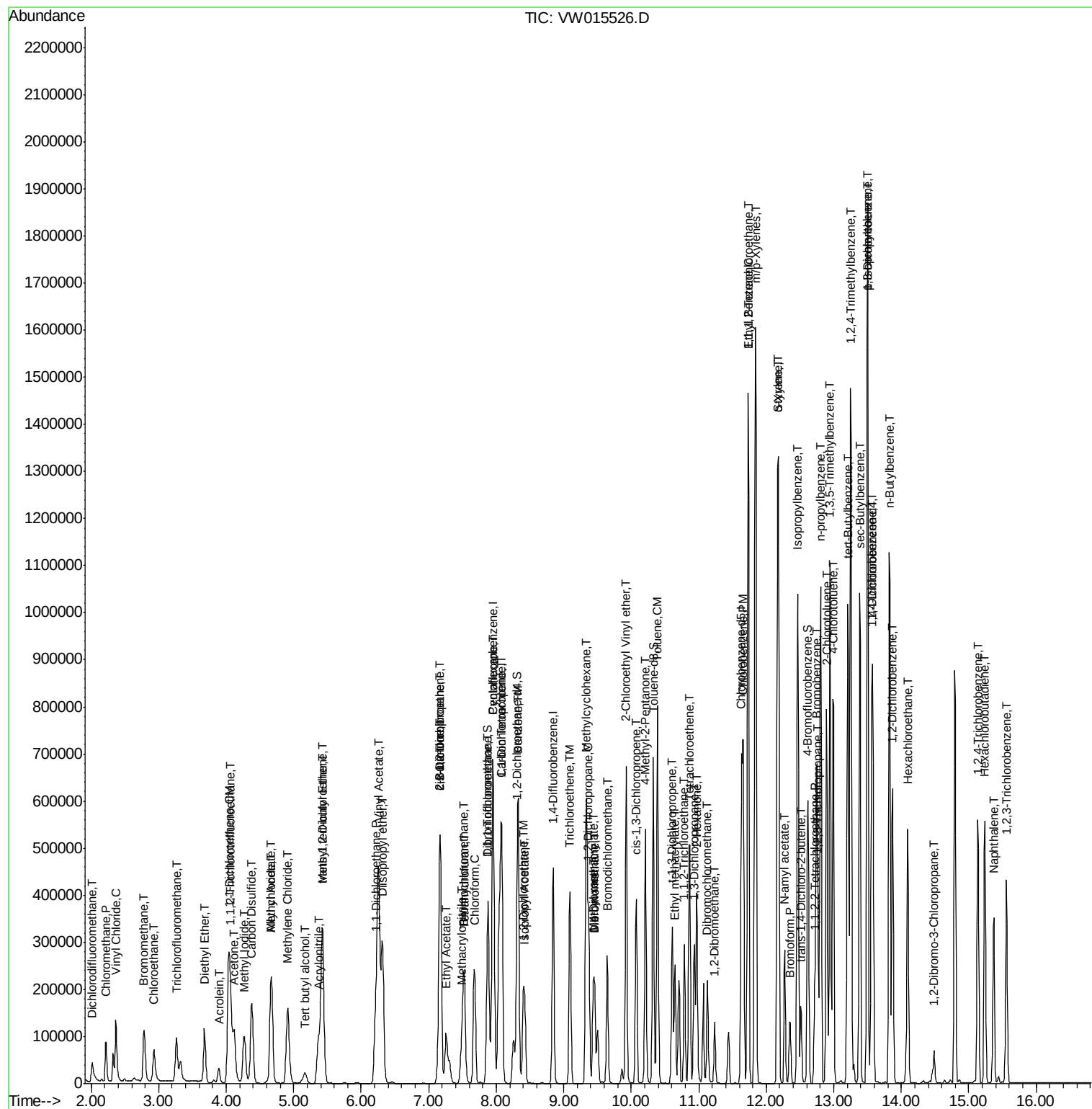
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173572	50.951	ug/l	98
94) Hexachlorobutadiene	15.24	225	106548	51.288	ug/l	98
95) Naphthalene	15.37	128	295040	51.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	146554	51.072	ug/l	99

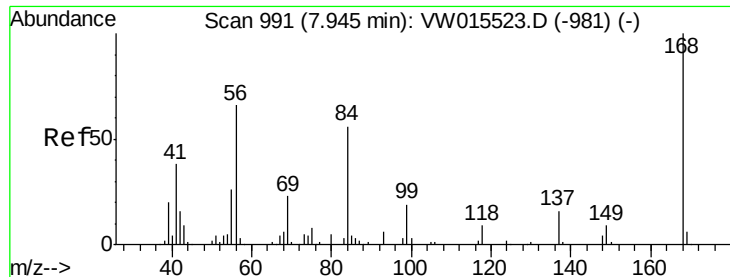
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

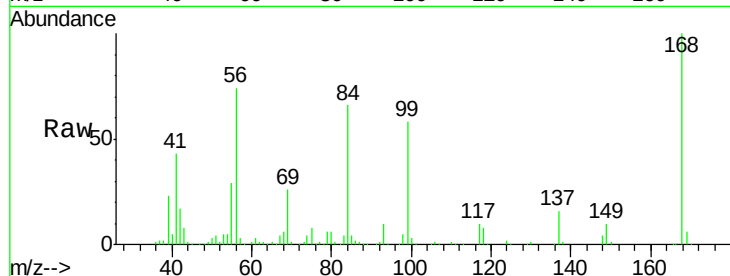
ClientSampled :

Tot Ion:168 Resp: 241951

Ion Ratio Lower Upper

168 100

99 57.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

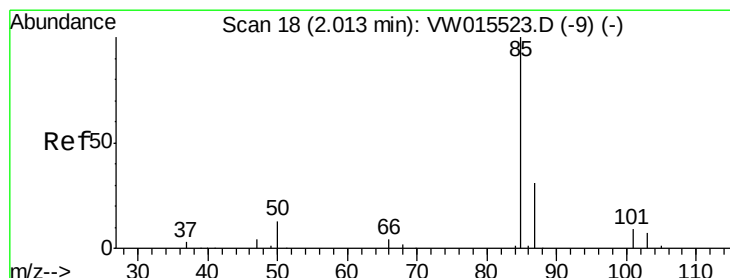
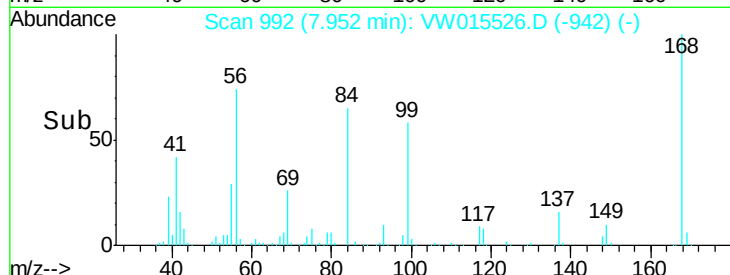
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 56.002 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015526.D

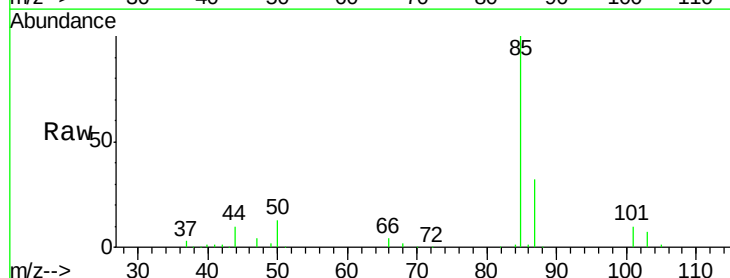
Acq: 02 Jun 2020 14:07

Tgt Ion: 85 Resp: 75693

Ion Ratio Lower Upper

85 100

87 31.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

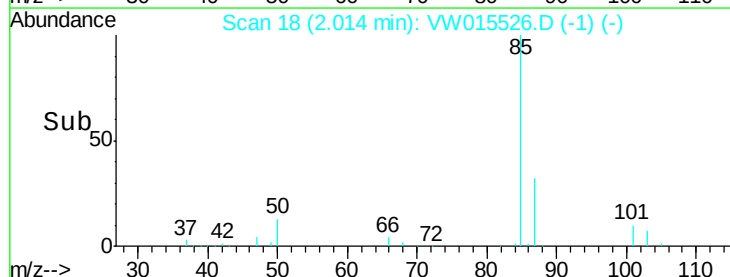
15000

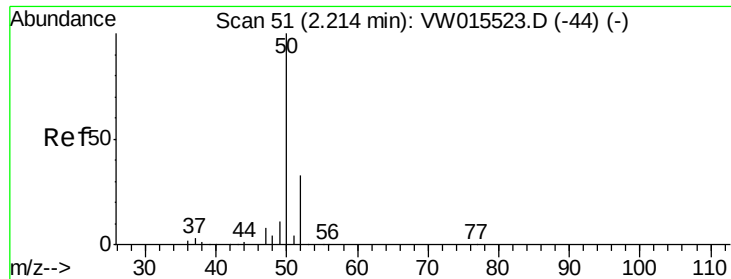
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 50.905 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

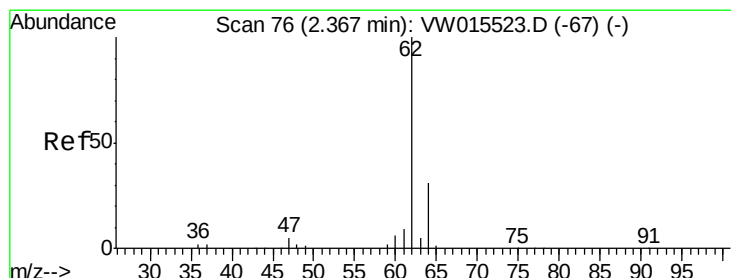
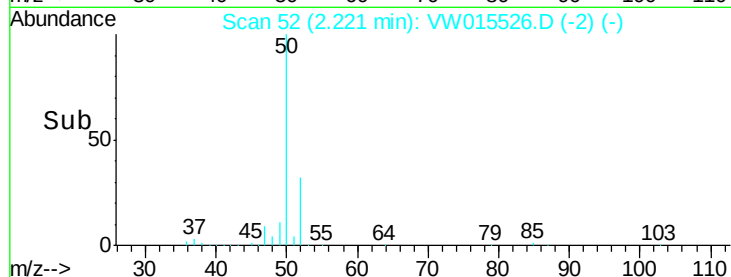
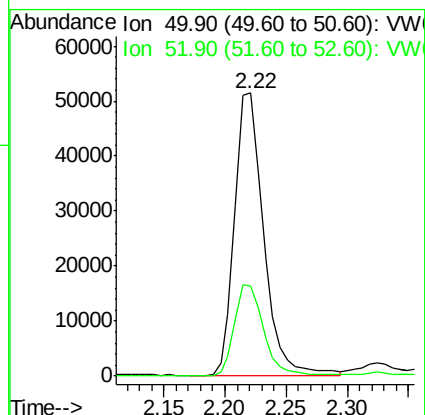
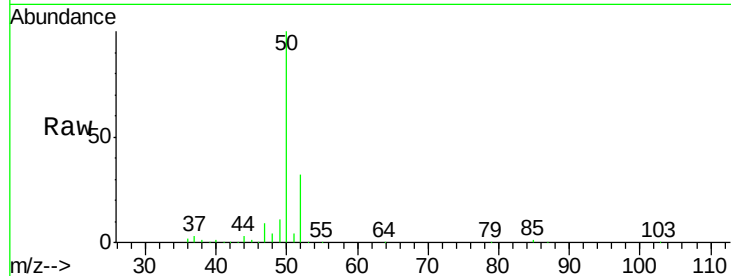
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 84564

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 53.093 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015526.D

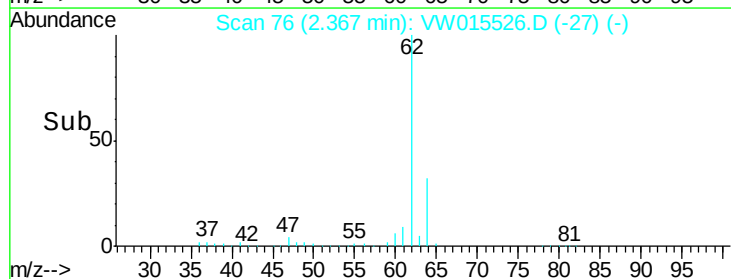
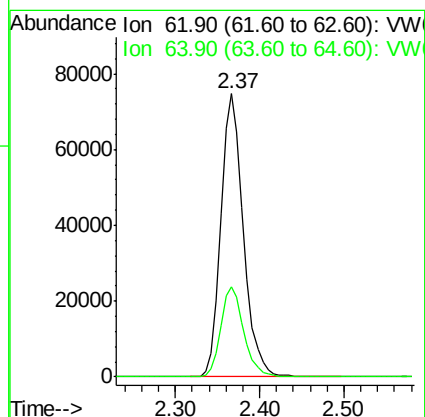
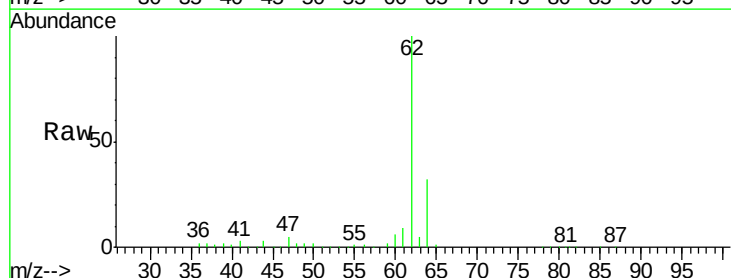
Acq: 02 Jun 2020 14:07

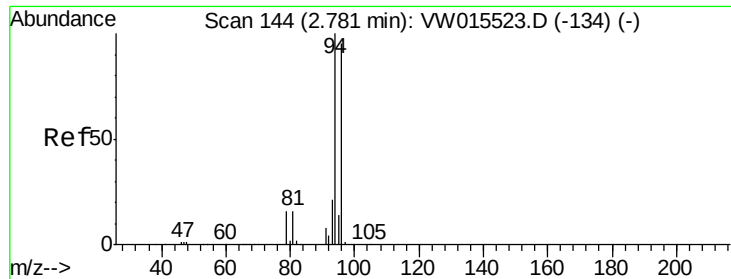
Tgt Ion: 62 Resp: 137457

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 49.637 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

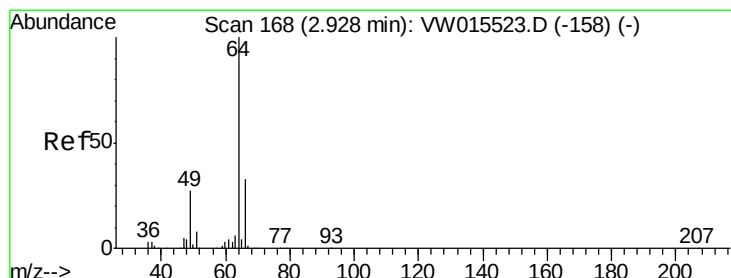
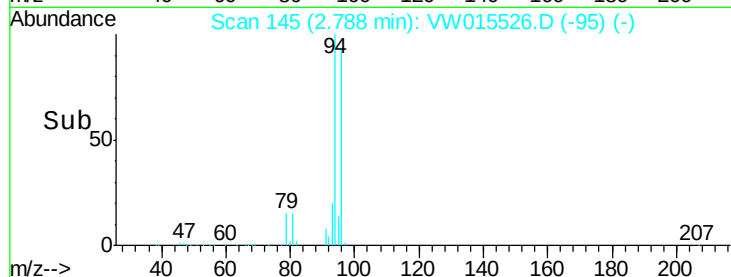
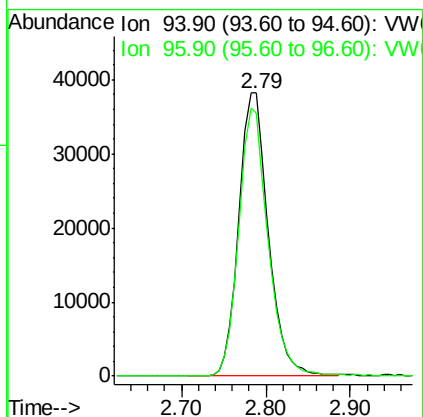
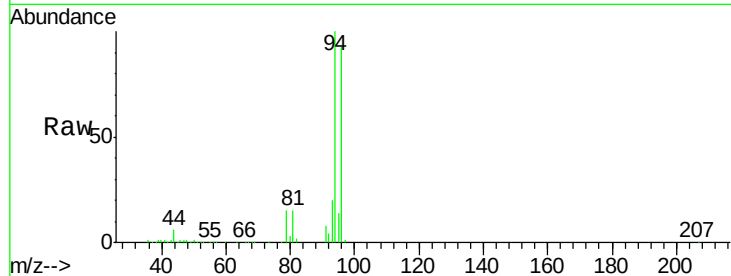
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 90597

Ion Ratio Lower Upper

94 100

96 92.8 76.0 114.0



#6

Chloroethane

Concen: 51.568 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015526.D

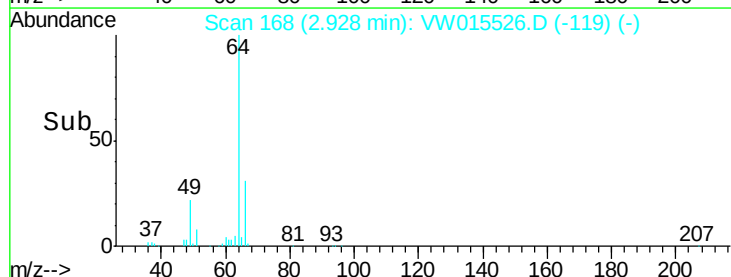
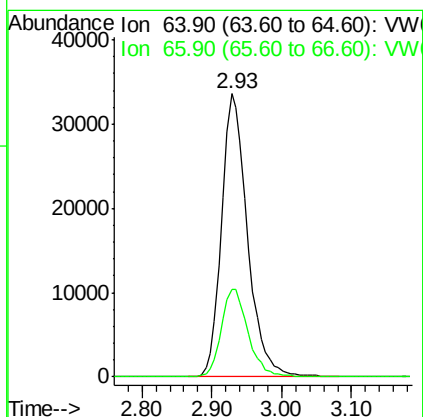
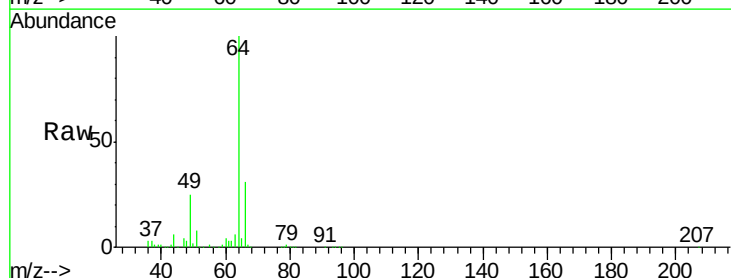
Acq: 02 Jun 2020 14:07

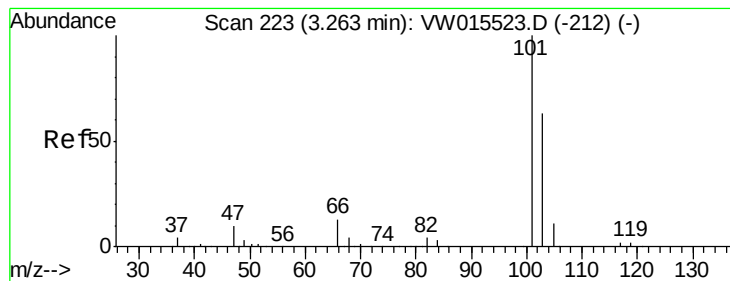
Tgt Ion: 64 Resp: 86423

Ion Ratio Lower Upper

64 100

66 31.1 26.8 40.2



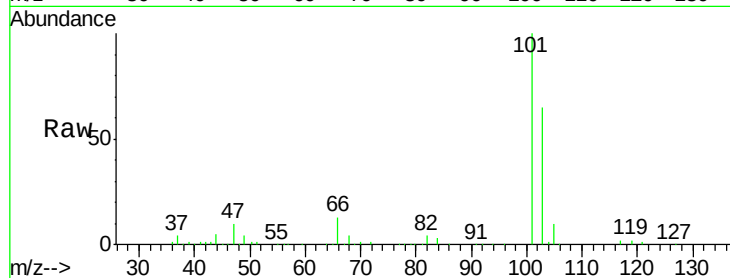


#7

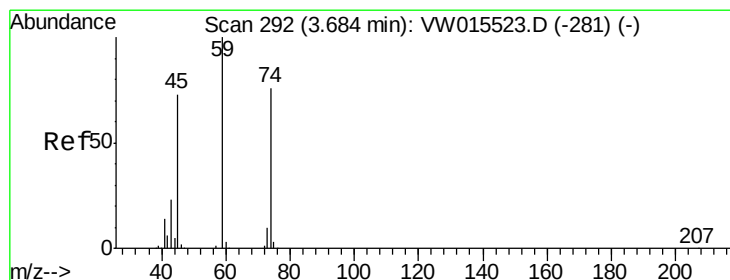
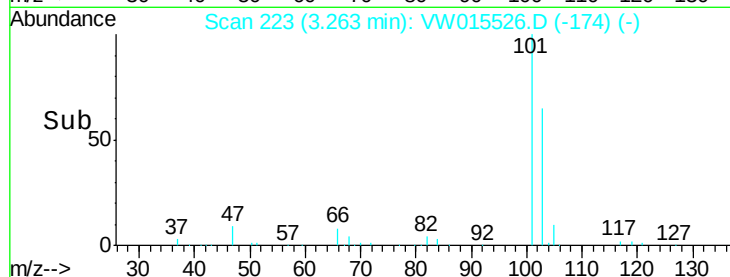
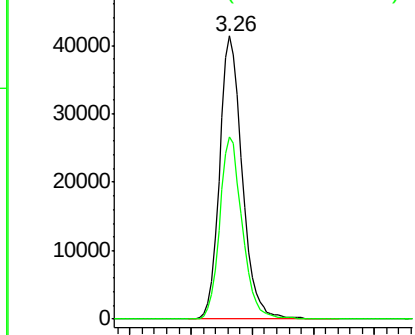
Trichlorofluoromethane
Concen: 55.037 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:101 Resp: 106334
Ion Ratio Lower Upper
101 100
103 64.5 50.2 75.2



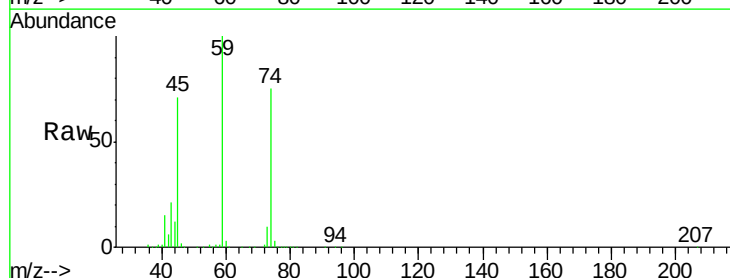
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



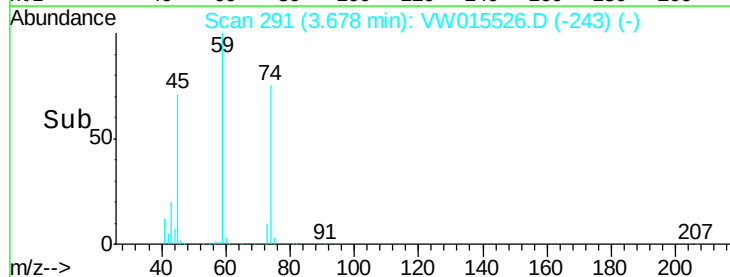
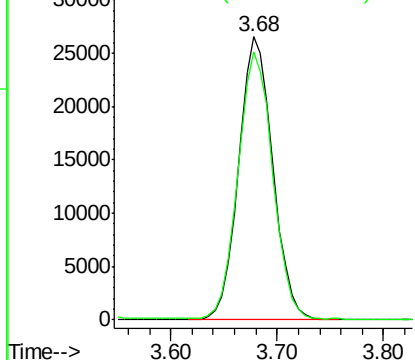
#8

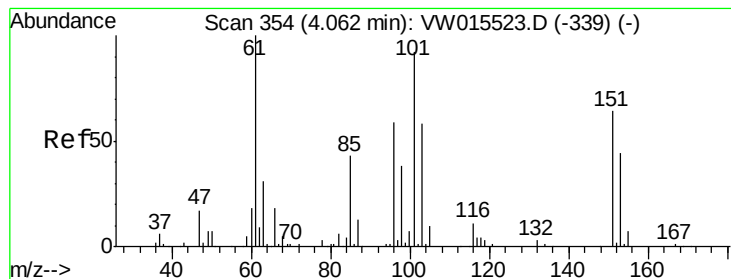
Diethyl Ether
Concen: 51.029 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 74 Resp: 59794
Ion Ratio Lower Upper
74 100
45 96.8 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.526 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampled :

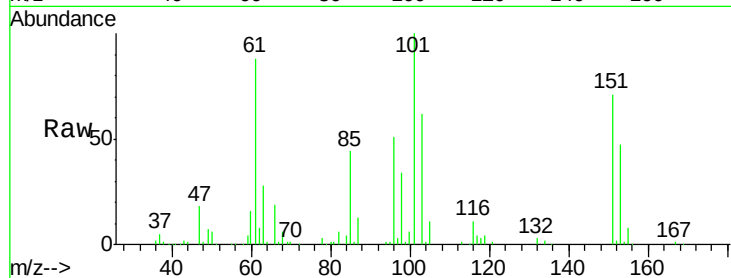
Tot Ion:101 Resp: 121119

Ion Ratio Lower Upper

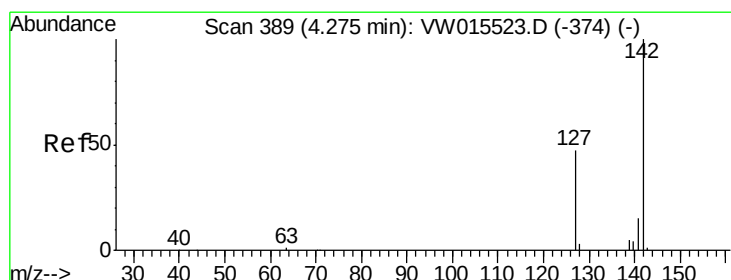
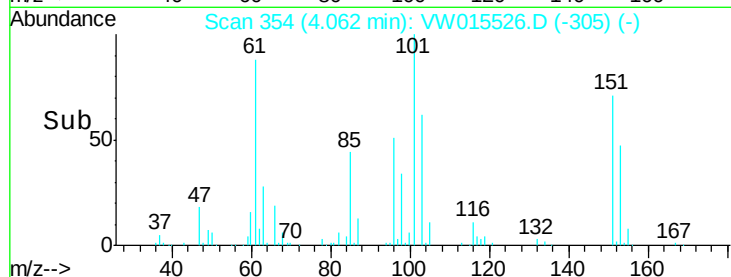
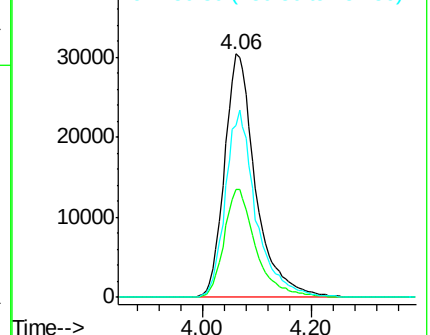
101 100

85 45.2 37.0 55.6

151 75.5 61.1 91.7



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: 50.743 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

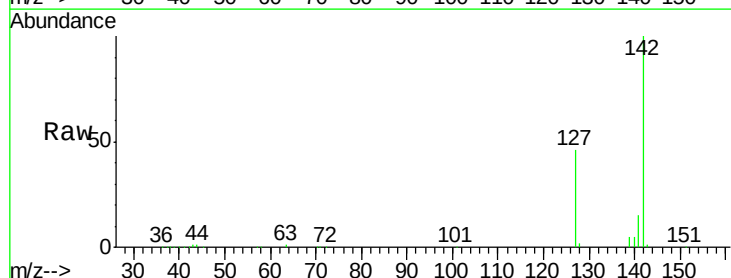
Tgt Ion:142 Resp: 176114

Ion Ratio Lower Upper

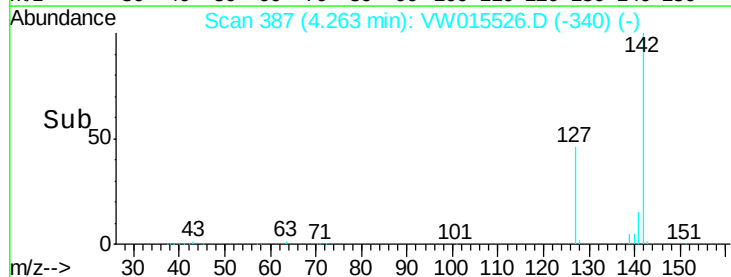
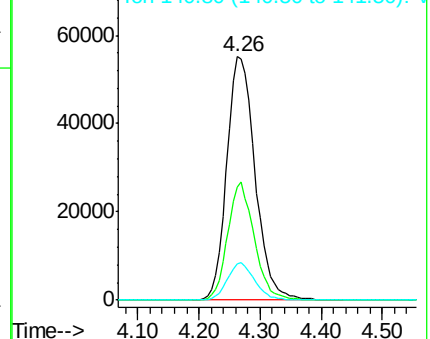
142 100

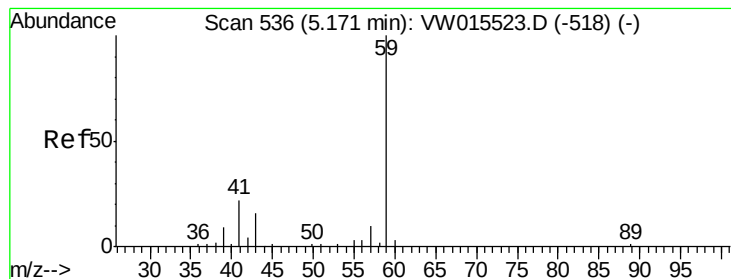
127 45.5 36.9 55.3

141 14.7 11.7 17.5



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



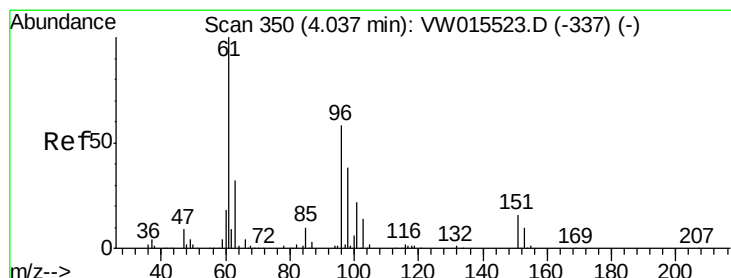
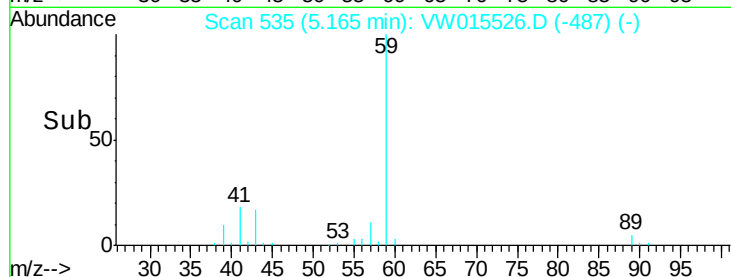
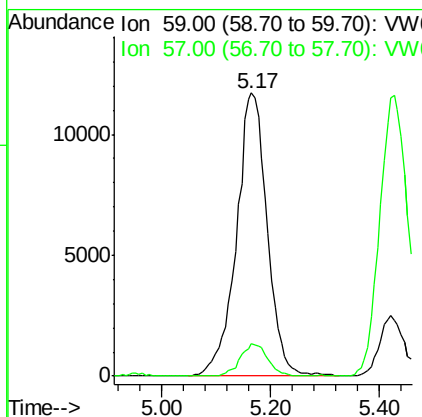
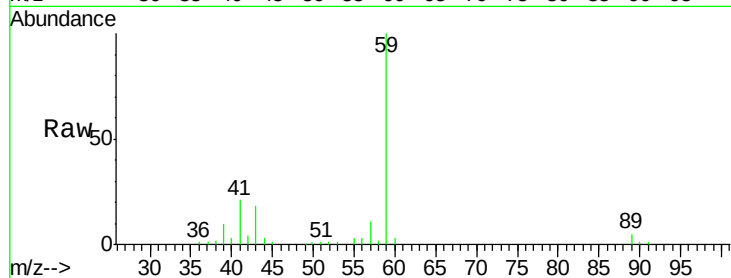


#11

Tert butyl alcohol
Concen: 272.413 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampled :

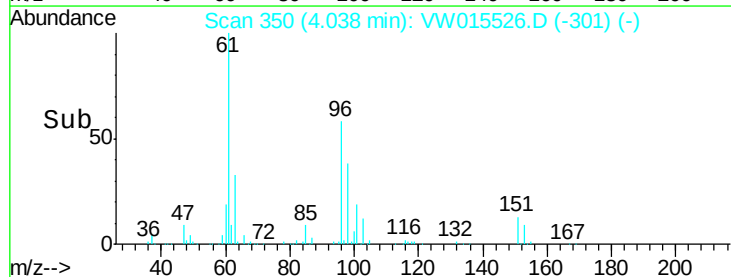
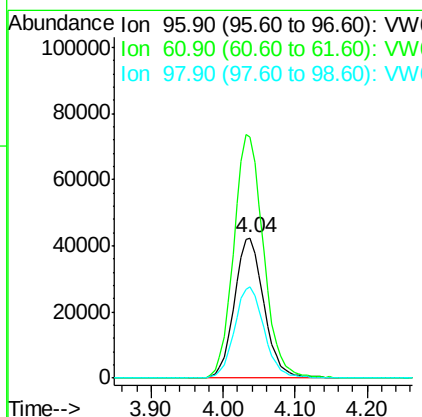
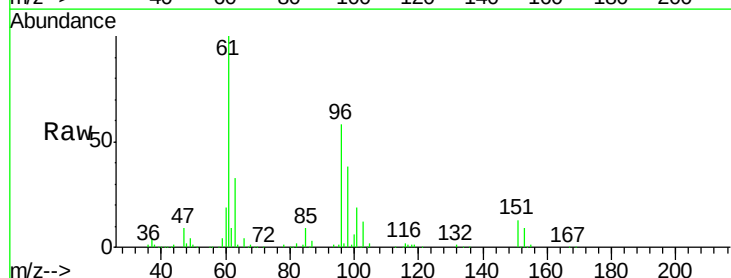
Tot Ion: 59 Resp: 46135
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

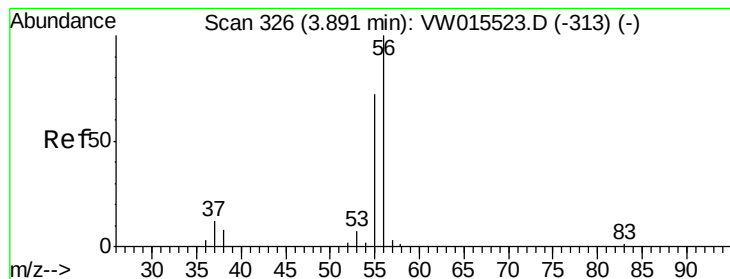


#12

1,1-Dichloroethene
Concen: 51.766 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 96 Resp: 121100
Ion Ratio Lower Upper
96 100
61 171.7 138.3 207.5
98 64.5 52.2 78.4





#13

Acrolein

Concen: 240.410 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

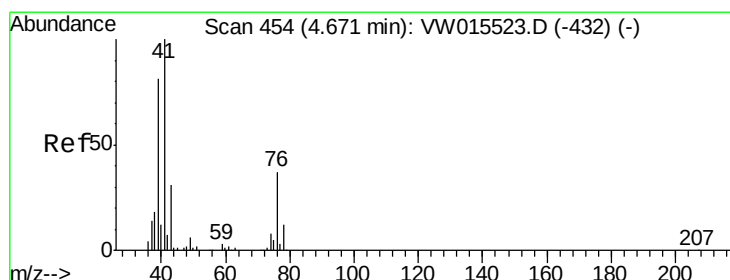
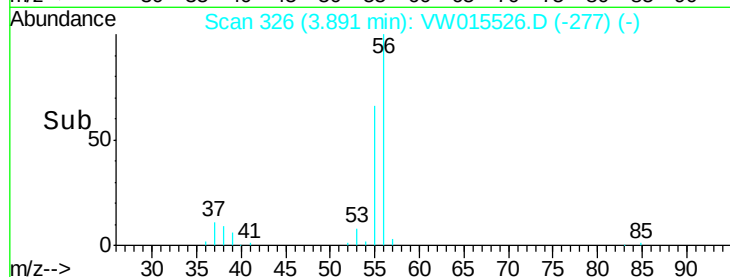
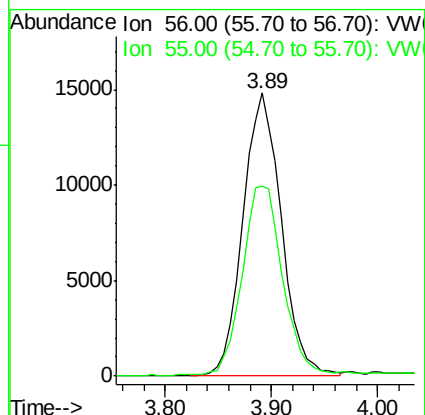
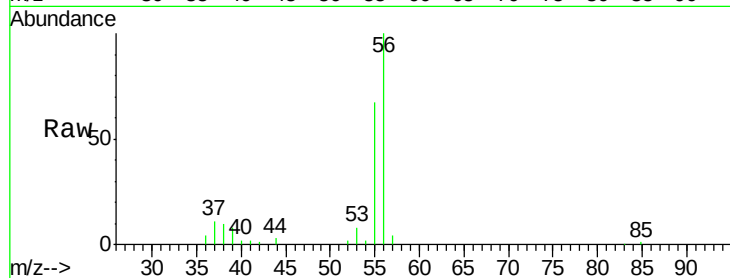
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 37529

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



#14

Allyl chloride

Concen: 50.778 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

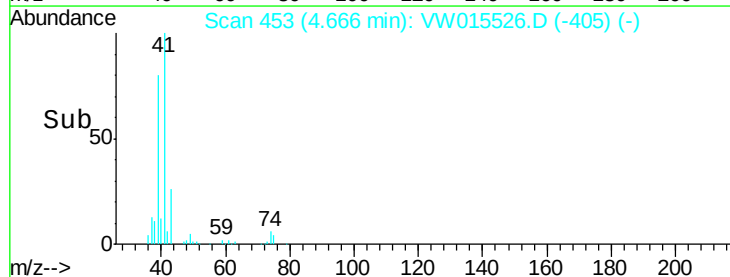
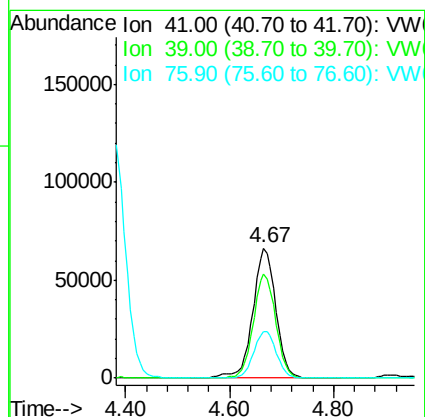
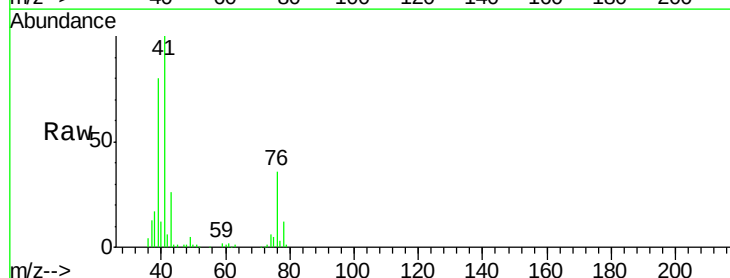
Tgt Ion: 41 Resp: 202047

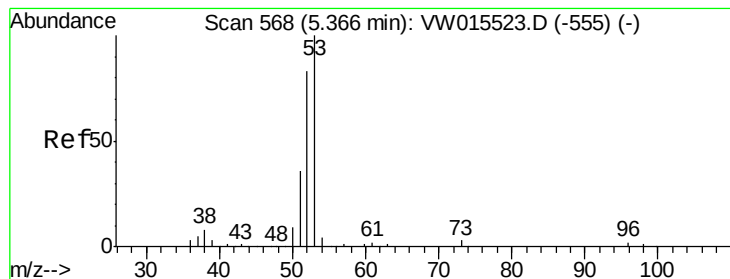
Ion Ratio Lower Upper

41 100

39 77.9 63.1 94.7

76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 243.597 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

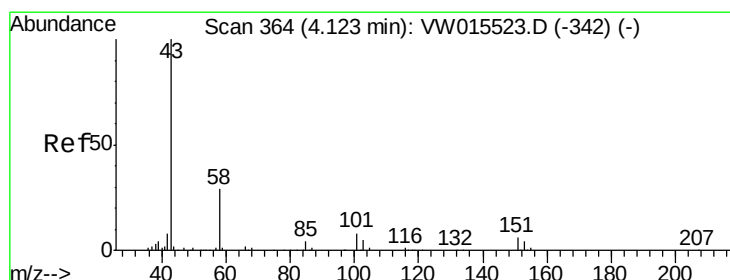
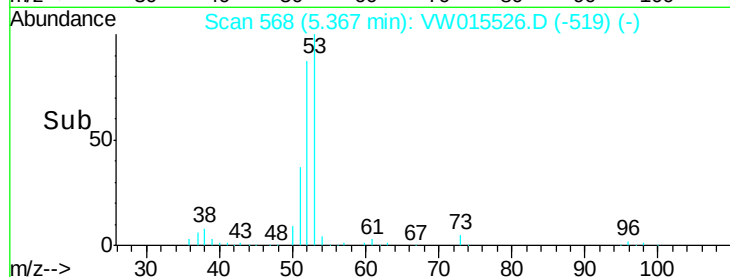
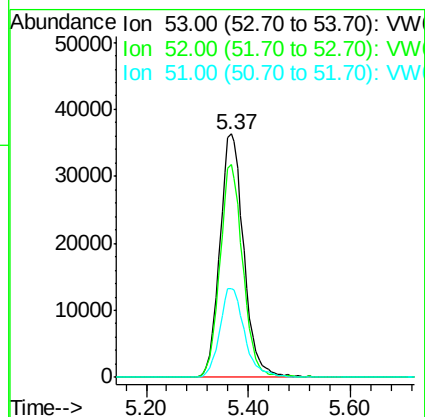
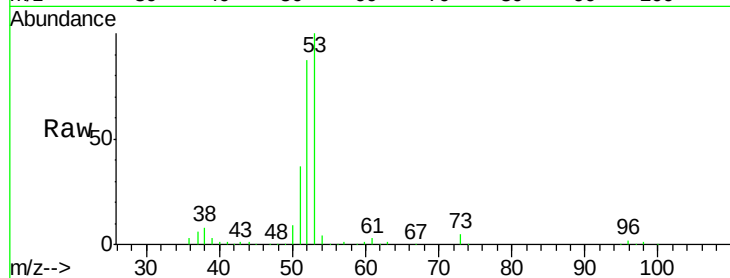
Tot Ion: 53 Resp: 118024

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 38.0 30.2 45.4



#16

Acetone

Concen: 246.202 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW015526.D

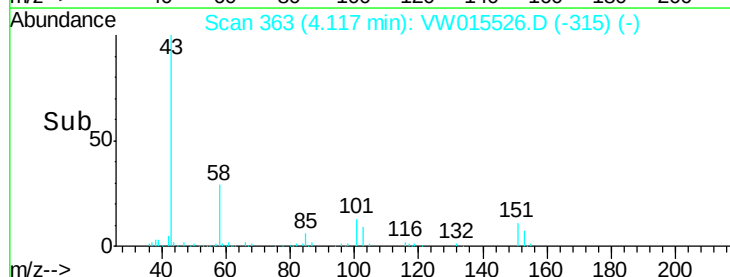
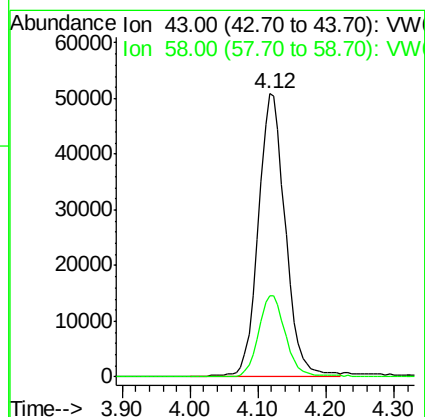
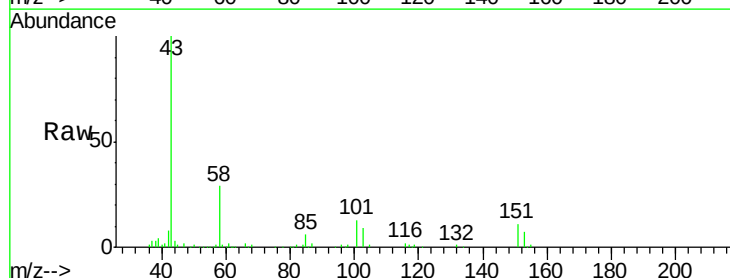
Acq: 02 Jun 2020 14:07

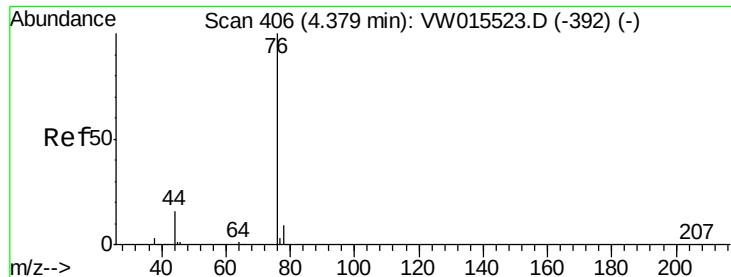
Tgt Ion: 43 Resp: 141675

Ion Ratio Lower Upper

43 100

58 28.6 23.1 34.7





#17

Carbon Disulfide

Concen: 51.970 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

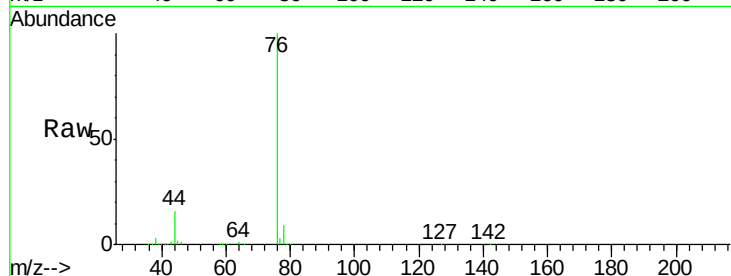
ClientSampled :

Tot Ion: 76 Resp: 363110

Ion Ratio Lower Upper

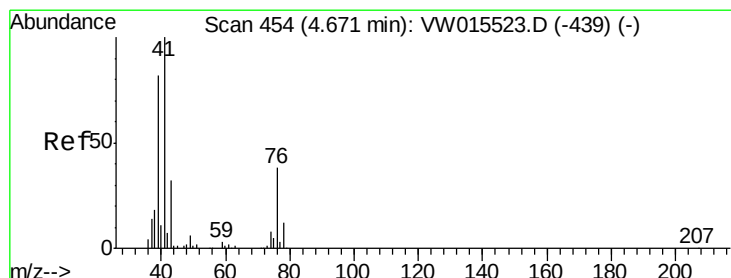
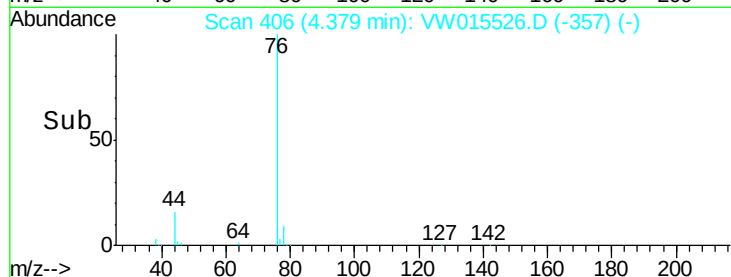
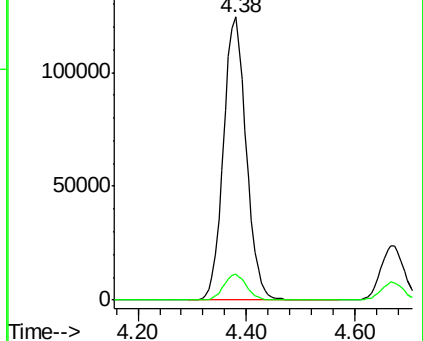
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 45.594 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015526.D

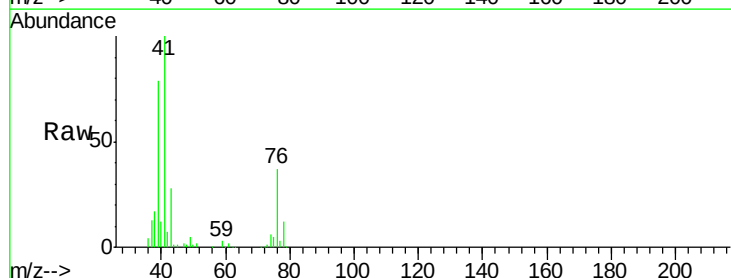
Acq: 02 Jun 2020 14:07

Tgt Ion: 43 Resp: 52288

Ion Ratio Lower Upper

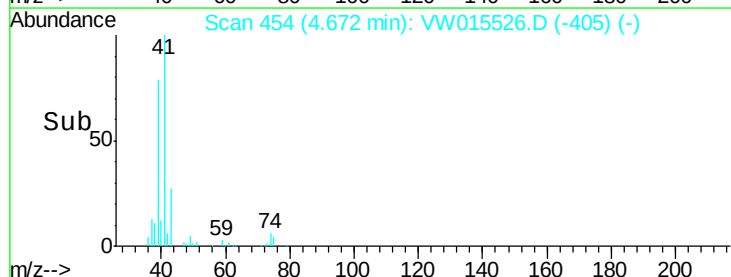
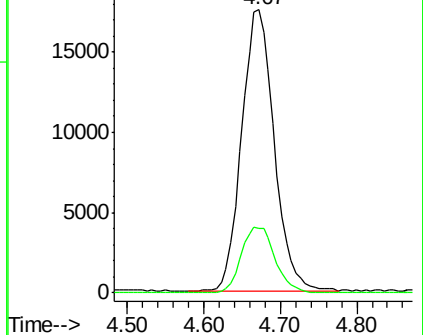
43 100

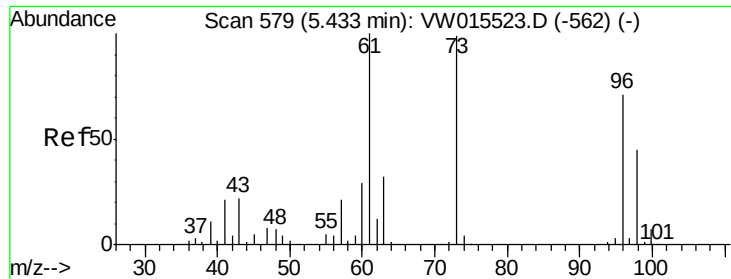
74 24.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

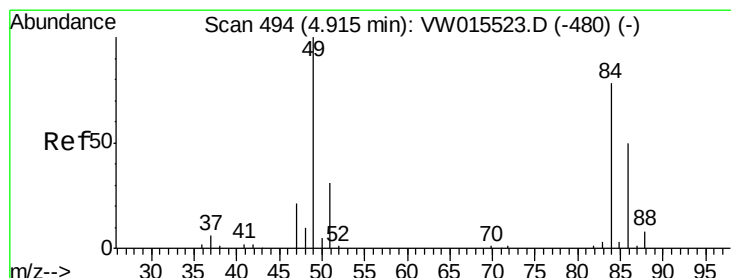
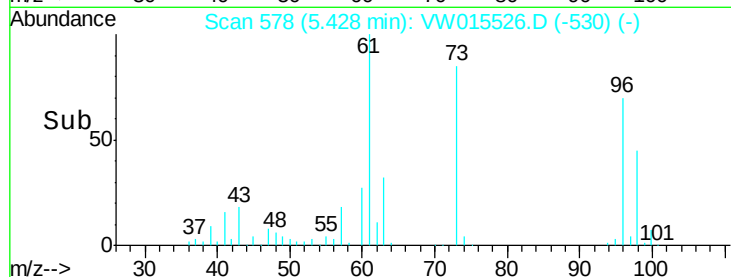
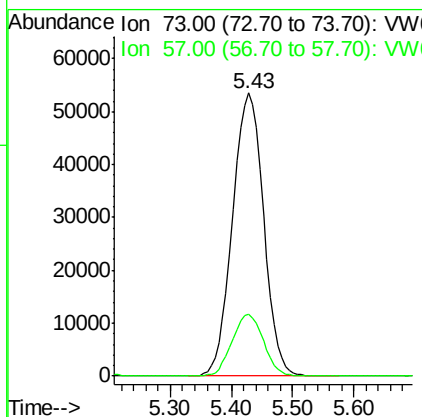
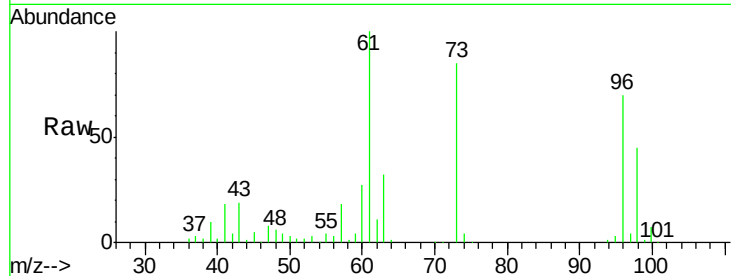




#19
Methyl tert-butyl Ether
Concen: 51.825 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

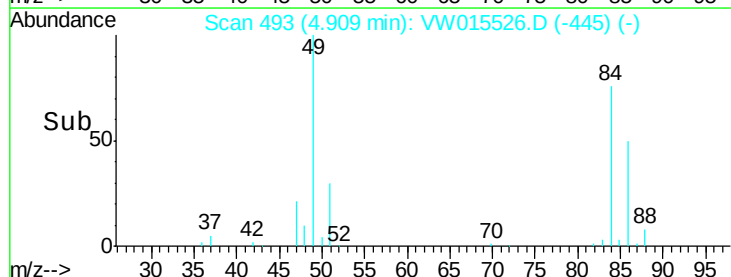
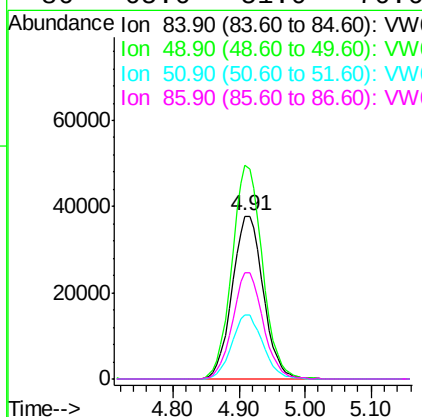
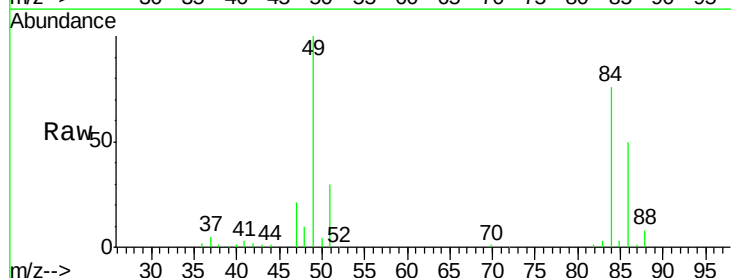
Instrument :
MSVOA_W
ClientSampled :

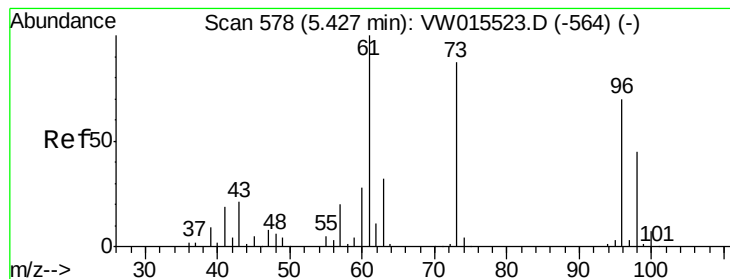
Tot Ion: 73 Resp: 188146
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 46.099 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 84 Resp: 123393
Ion Ratio Lower Upper
84 100
49 131.2 102.8 154.2
51 39.0 31.4 47.2
86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.536 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

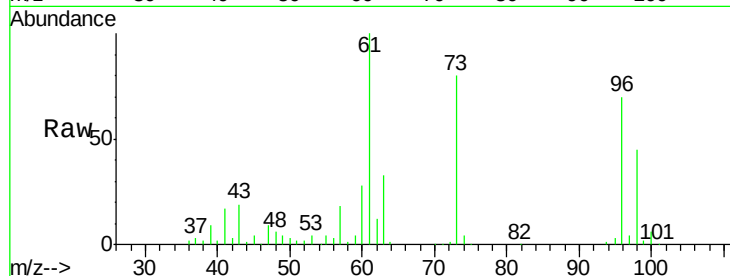
Tot Ion: 96 Resp: 133759

Ion Ratio Lower Upper

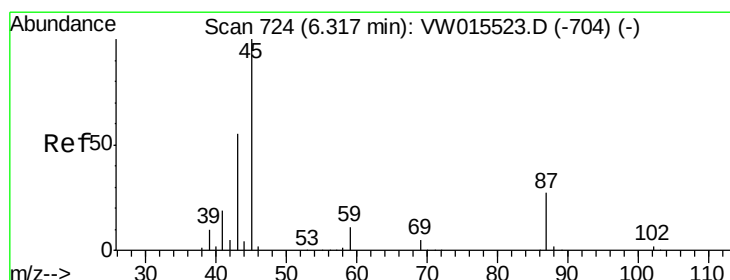
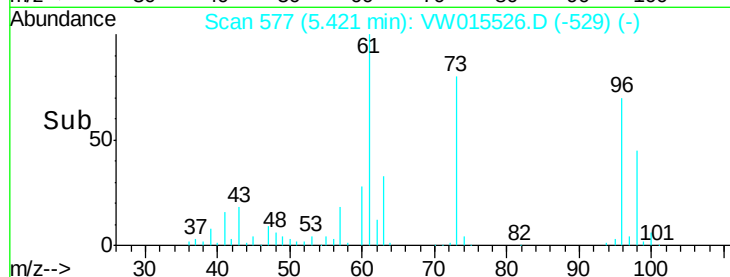
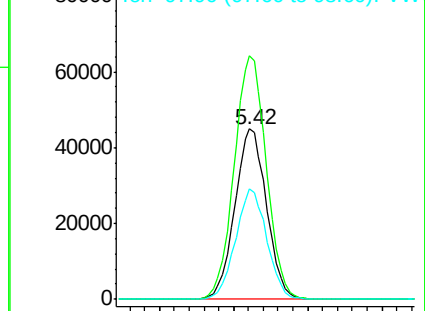
96 100

61 143.1 114.3 171.5

98 64.6 51.0 76.4



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



#22

Diisopropyl ether

Concen: 50.981 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Tgt Ion: 45 Resp: 383327

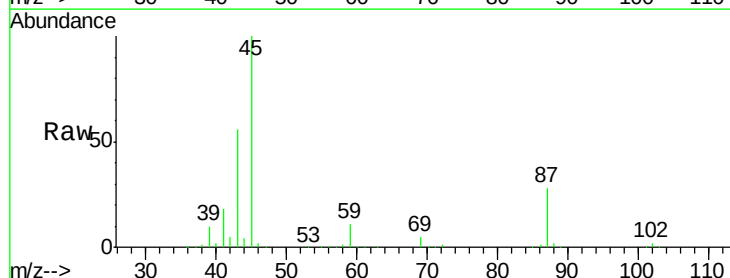
Ion Ratio Lower Upper

45 100

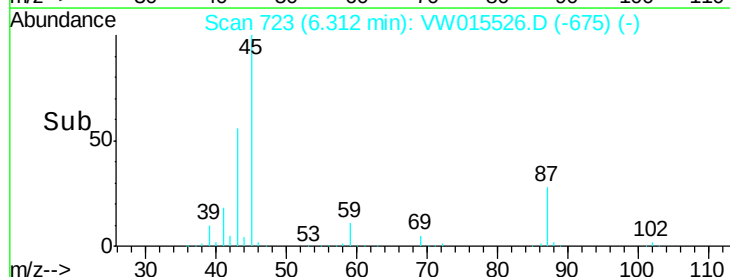
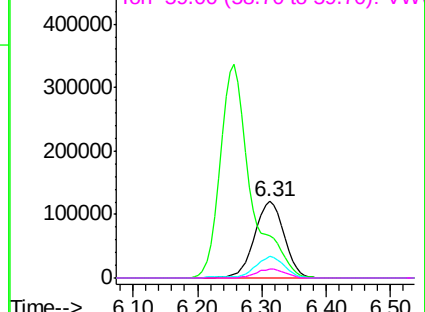
43 55.8 44.1 66.1

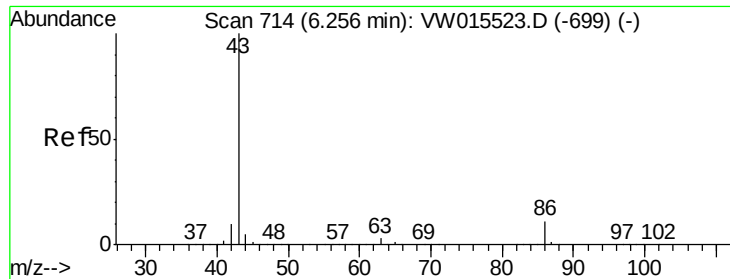
87 27.7 21.8 32.8

59 11.3 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 252.724 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

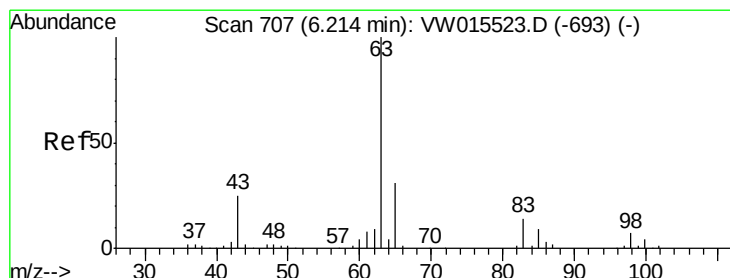
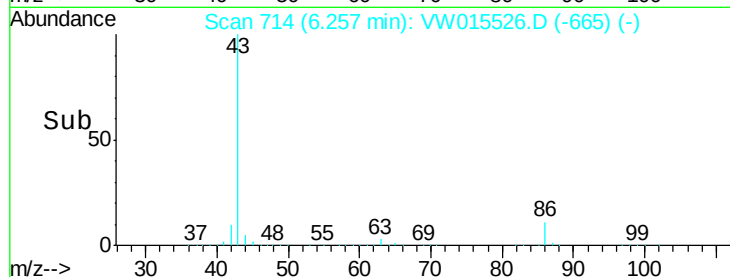
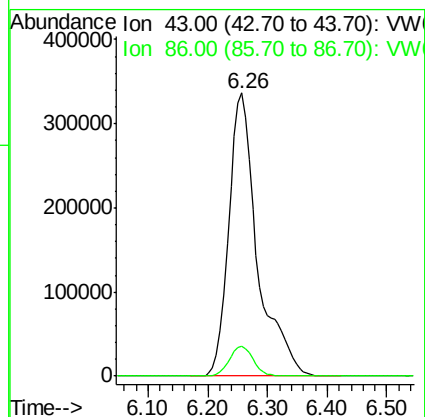
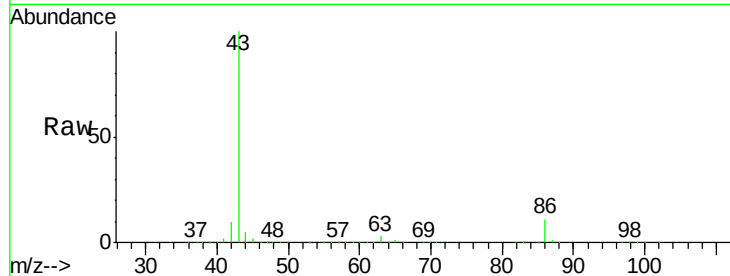
Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1126674

Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.6	12.8



#24

1,1-Dichloroethane

Concen: 49.631 ug/l

RT: 6.21 min Scan# 707

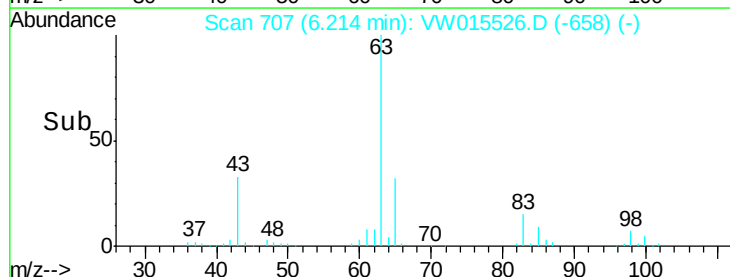
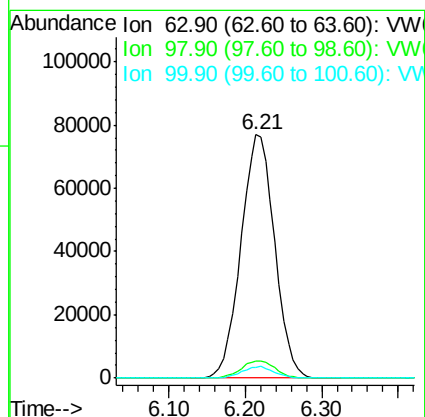
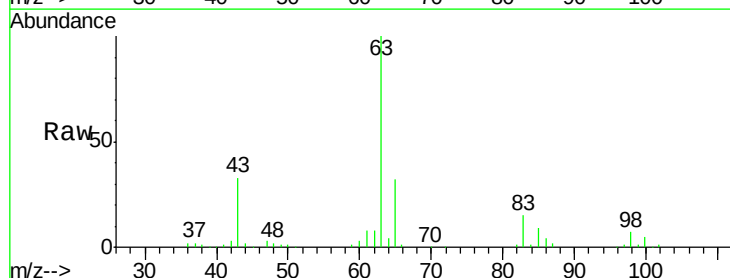
Delta R.T. 0.00 min

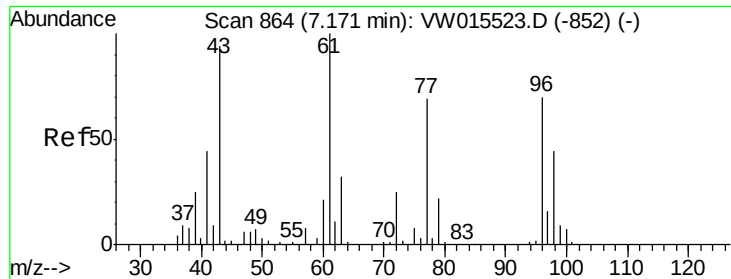
Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Tgt Ion: 63 Resp: 235134

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.6	2.2	6.6

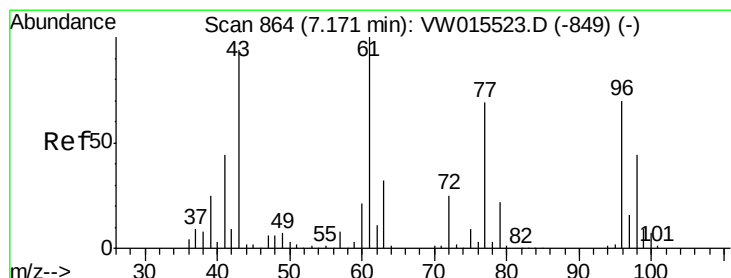
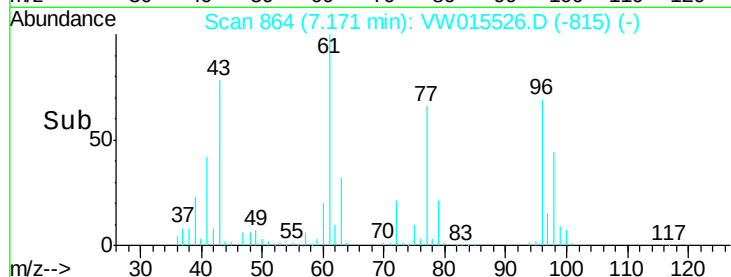
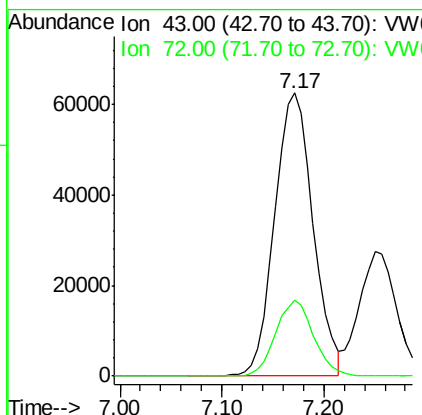
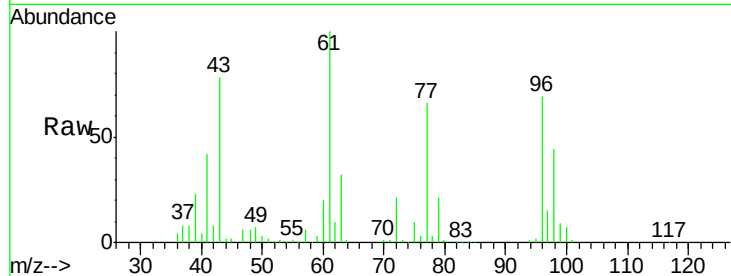




#25
2-Butanone
Concen: 237.448 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

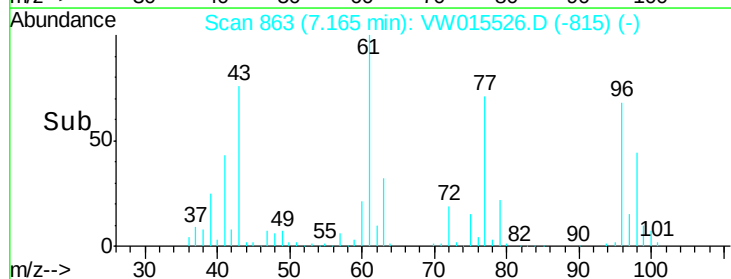
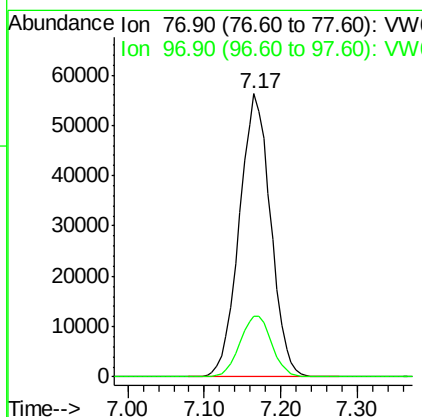
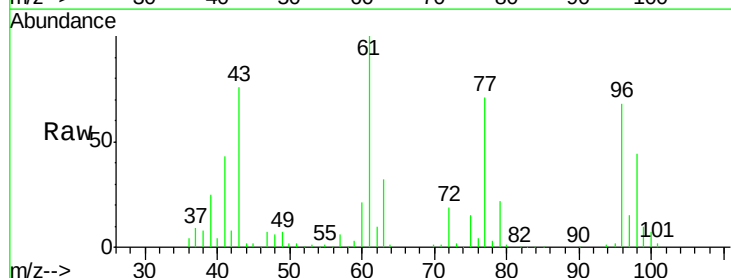
Instrument :
MSVOA_W
ClientSampleId :

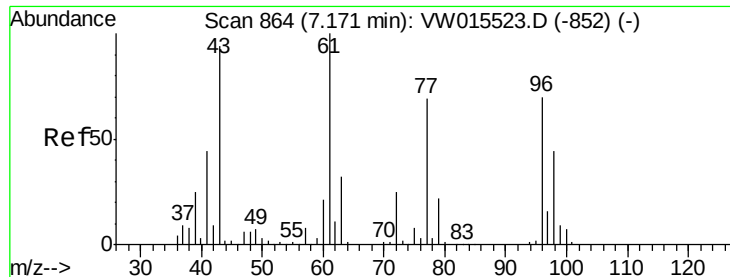
Tot Ion: 43 Resp: 162973
Ion Ratio Lower Upper
43 100
72 26.8 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.060 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 77 Resp: 159917
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3



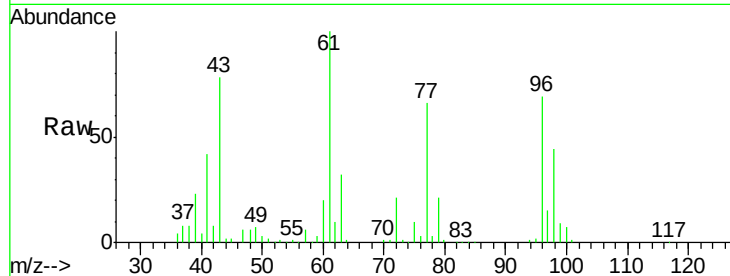


#27

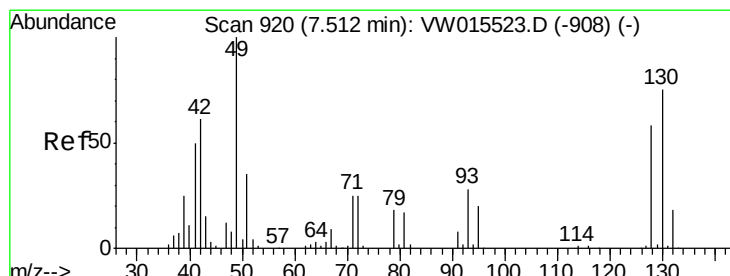
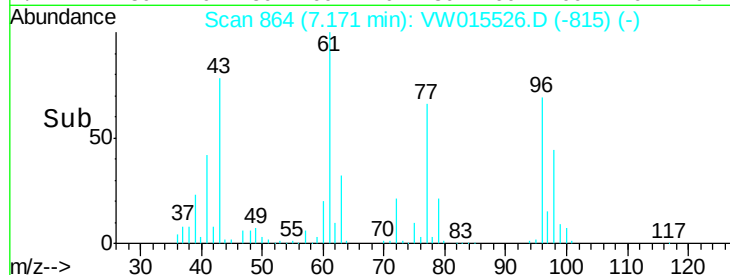
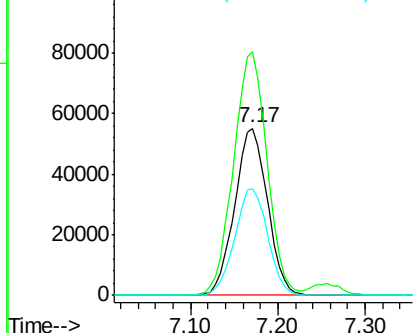
cis-1,2-Dichloroethene
Concen: 49.789 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 143353
Ion Ratio Lower Upper
96 100
61 149.1 0.0 293.0
98 64.1 0.0 127.2



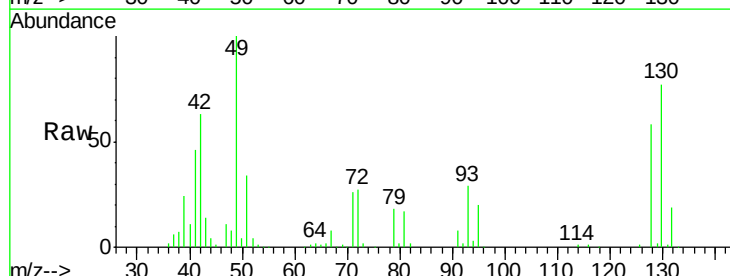
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



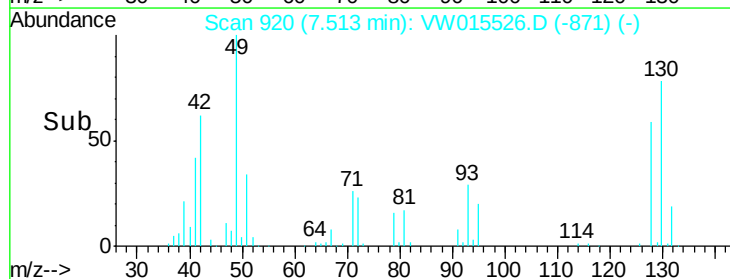
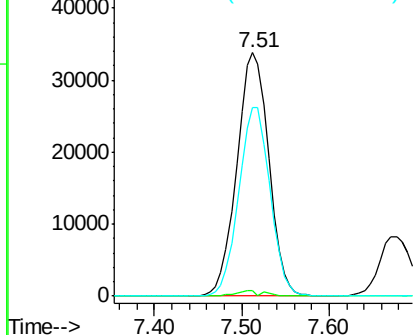
#28

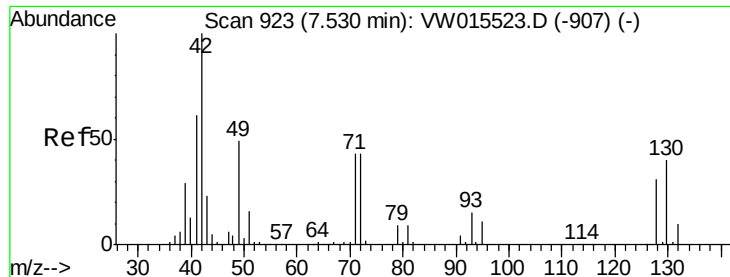
Bromochloromethane
Concen: 48.359 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 49 Resp: 85983
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.0
130 75.9 59.7 89.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

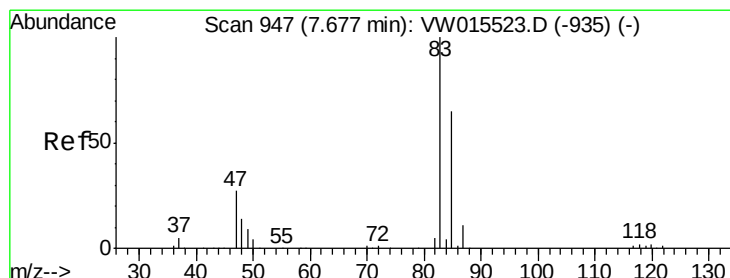
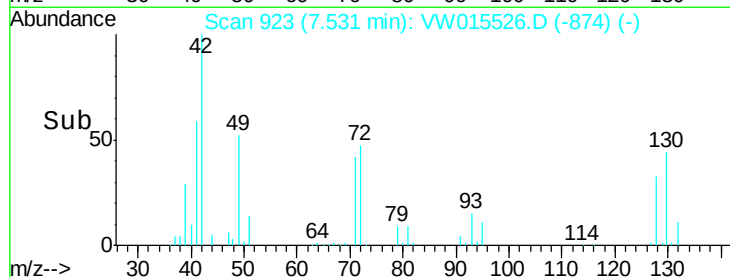
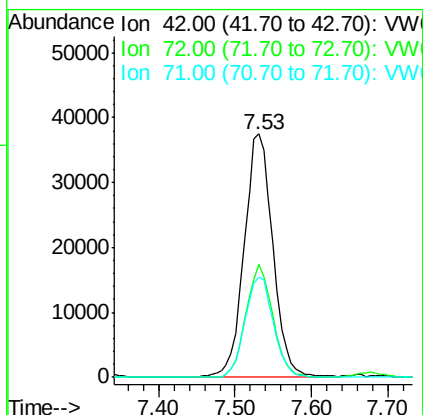
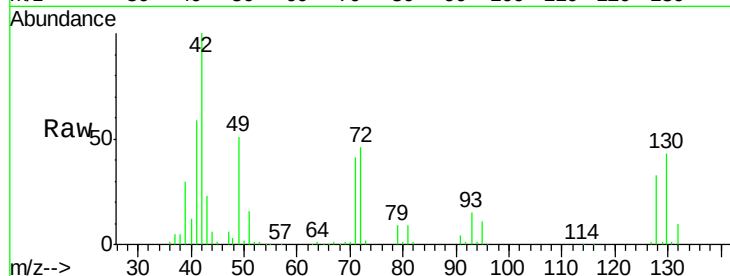




#29
Tetrahydrofuran
Concen: 239.011 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

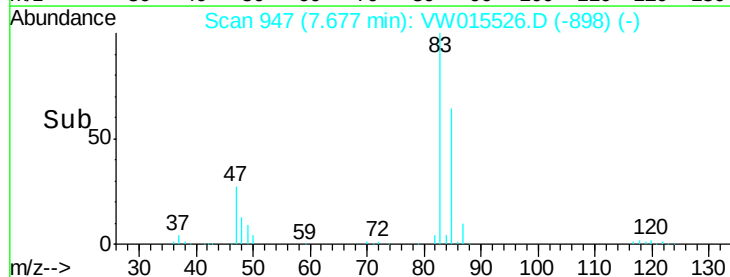
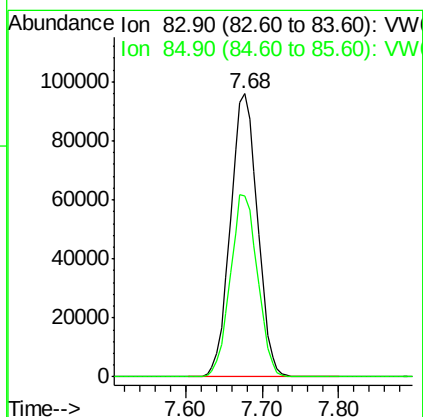
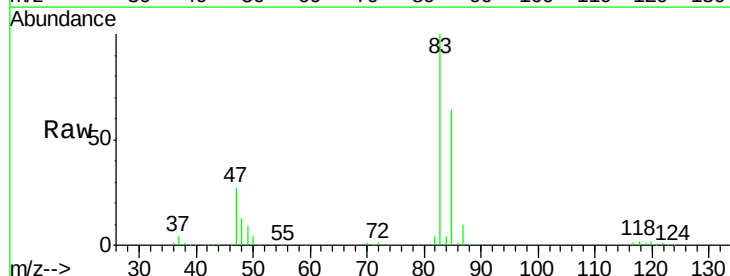
Instrument :
MSVOA_W
ClientSampled :

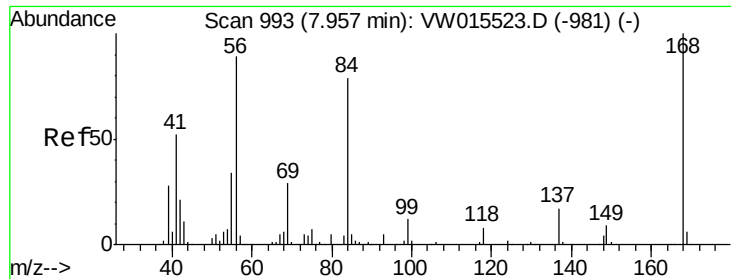
Tot Ion: 42 Resp: 97256
Ion Ratio Lower Upper
42 100
72 43.9 34.8 52.2
71 41.4 33.3 49.9



#30
Chloroform
Concen: 49.383 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 83 Resp: 234863
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4

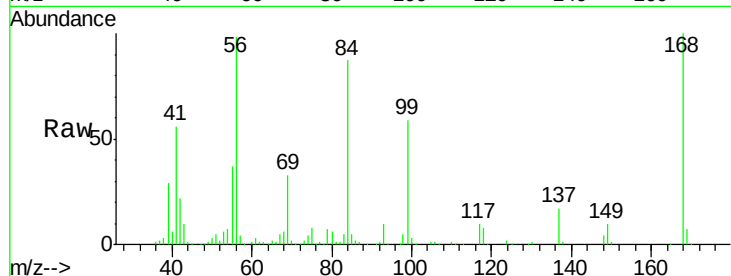




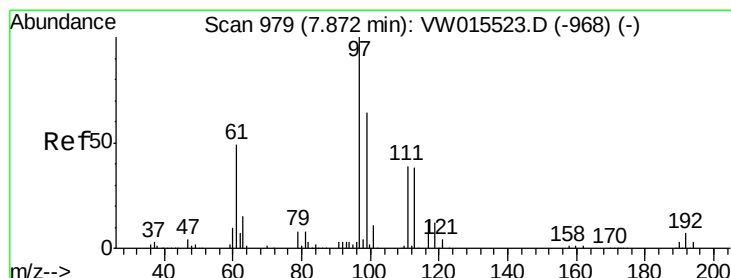
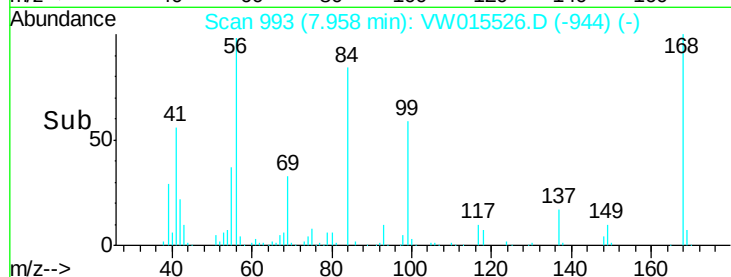
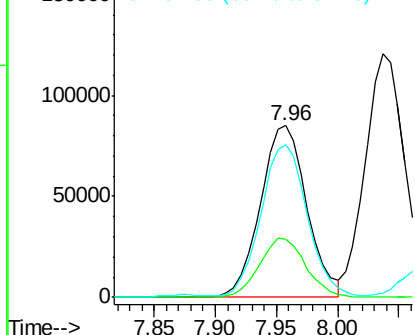
#31
Cyclohexane
Concen: 48.596 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 224829
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 87.3 71.0 106.4

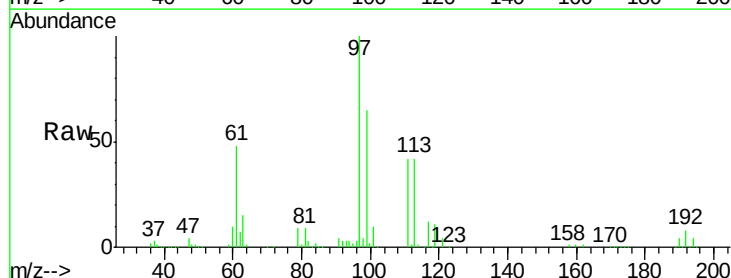


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

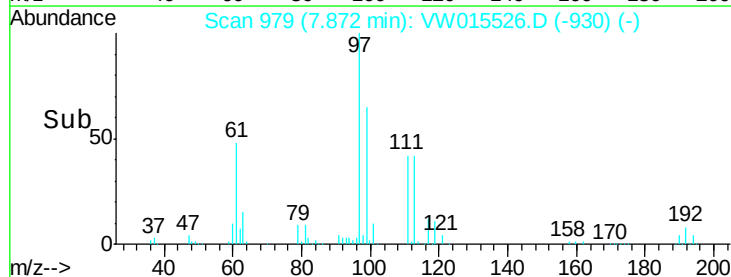
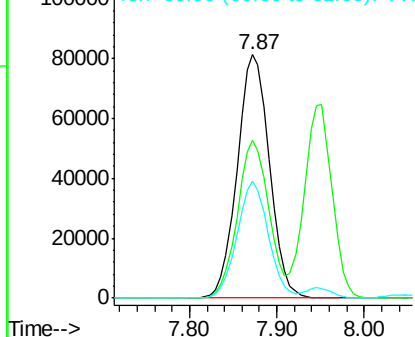


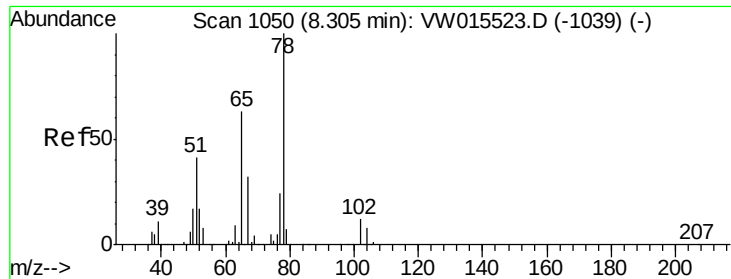
#32
1,1,1-Trichloroethane
Concen: 50.441 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 97 Resp: 207196
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 46.5 37.8 56.8



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

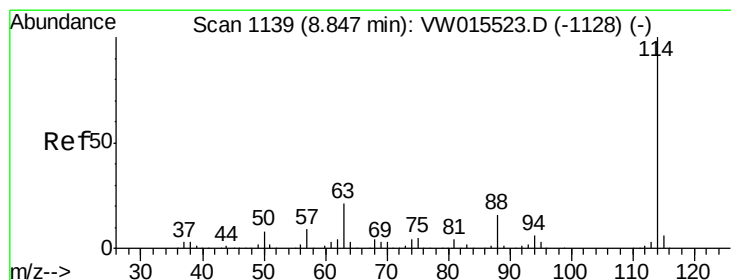
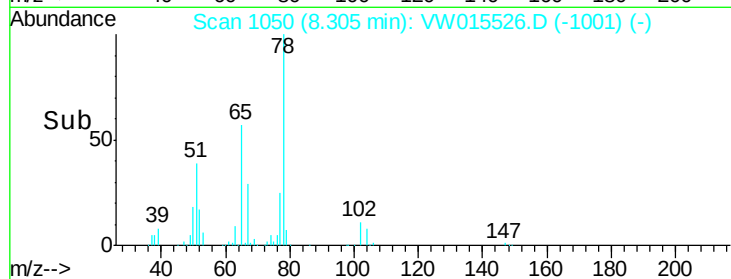
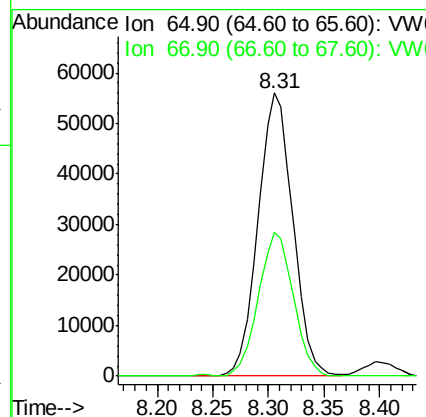
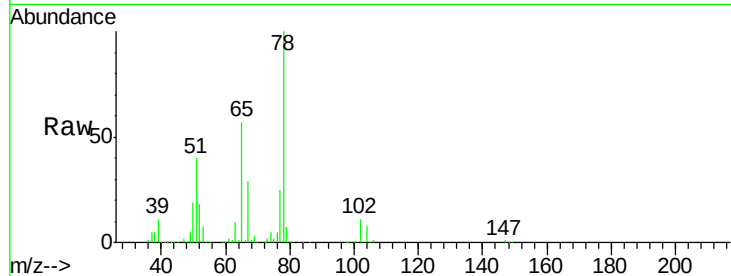




#33
 1,2-Dichloroethane-d4
 Concen: 47.614 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

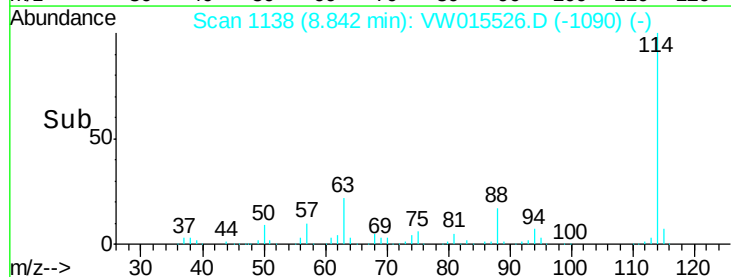
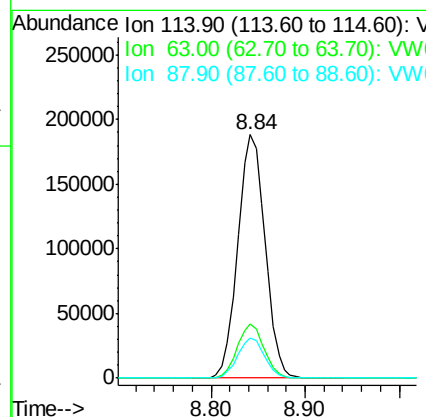
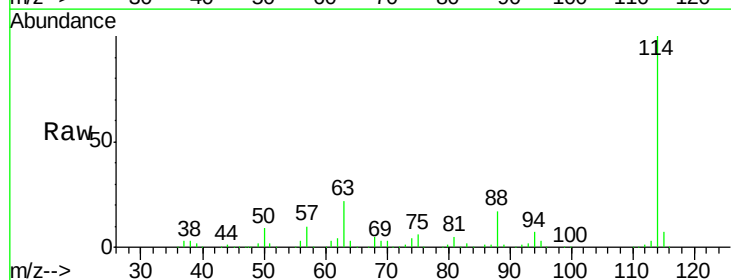
Instrument :
 MSVOA_W
 ClientSampleId :

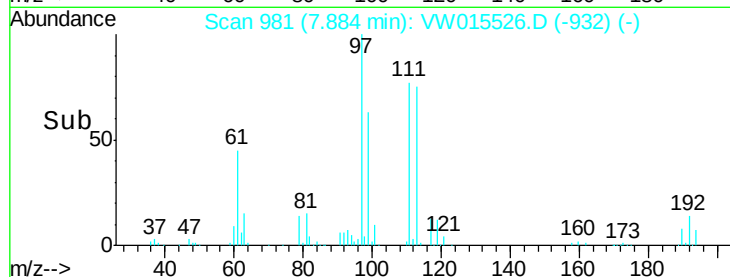
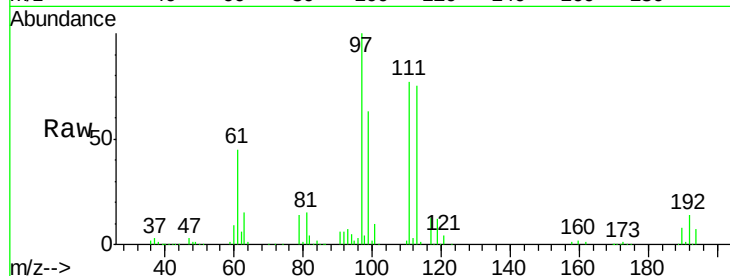
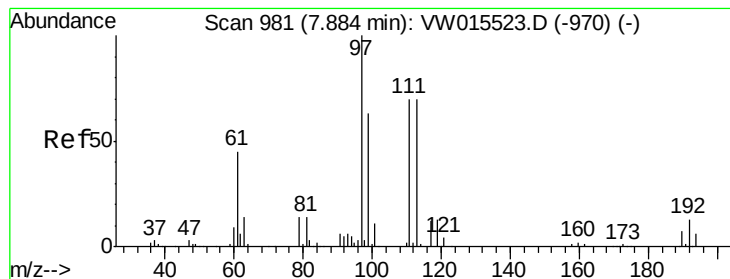
Tot Ion: 65 Resp: 121769
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion: 114 Resp: 376737
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.0
 88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

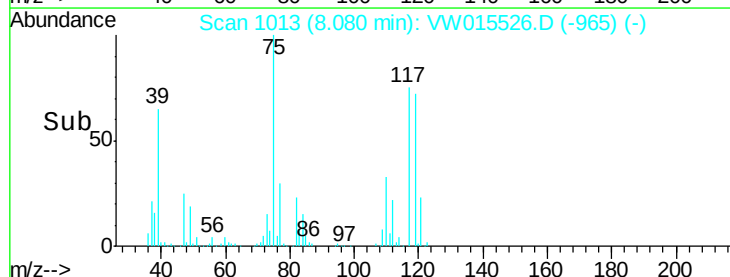
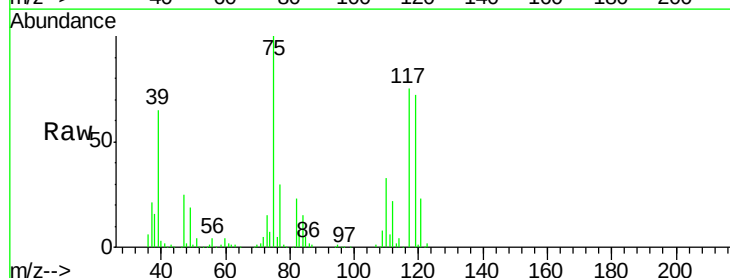
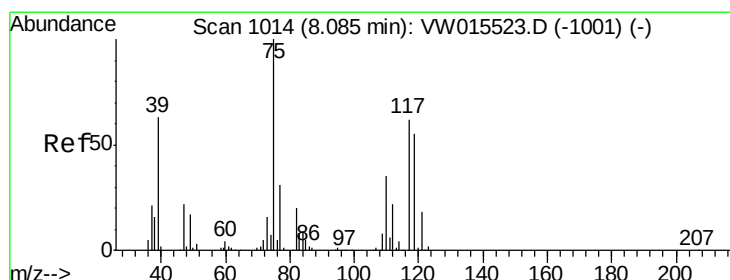
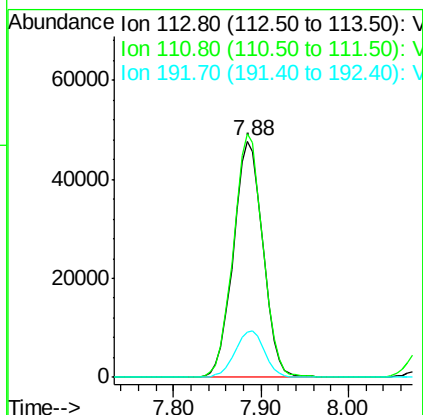
Tot Ion:113 Resp: 112126

Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 19.7 15.8 23.6



#36

1,1-Dichloropropene

Concen: 50.936 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

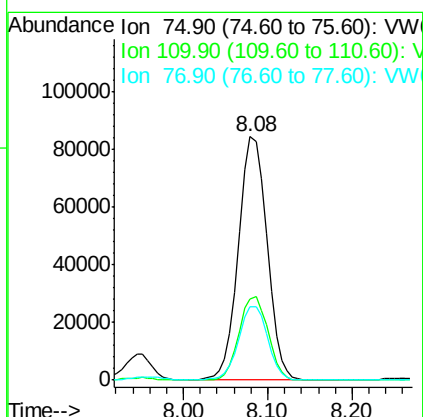
Tgt Ion: 75 Resp: 194156

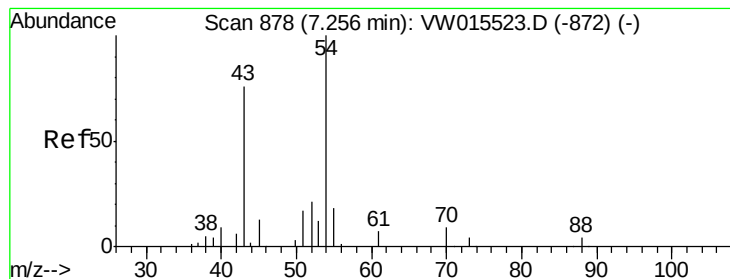
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.6

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 48.458 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampled :

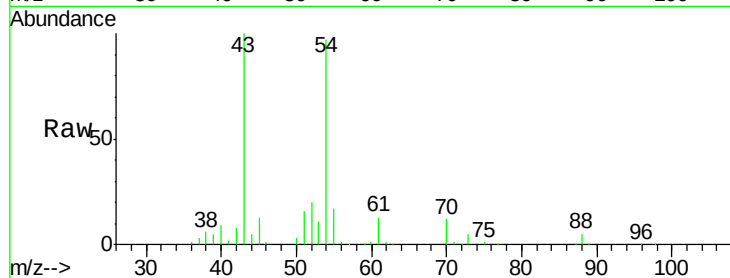
Tot Ion: 43 Resp: 71686

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

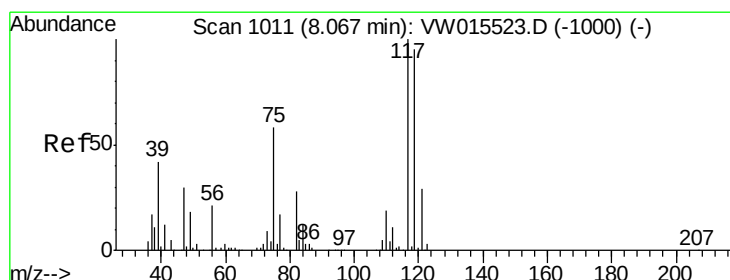
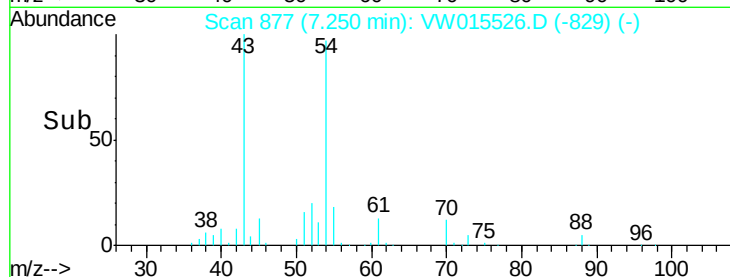
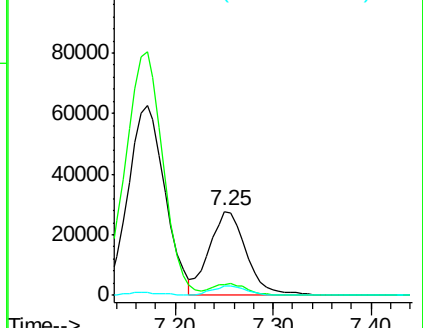
70 10.8 8.4 12.6



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: 51.297 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

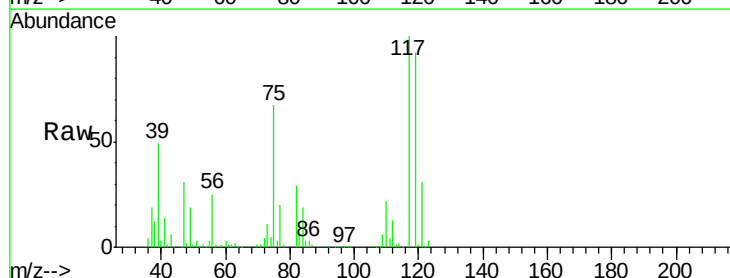
Tgt Ion: 117 Resp: 191442

Ion Ratio Lower Upper

117 100

119 92.5 75.9 113.9

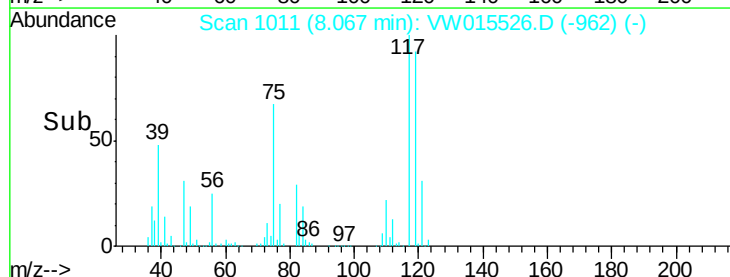
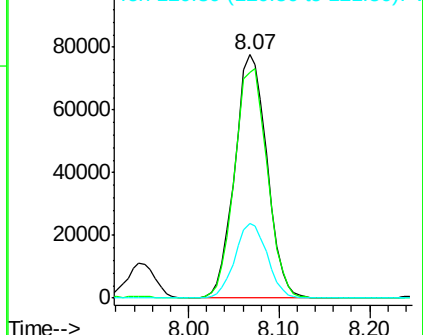
121 30.8 23.5 35.3

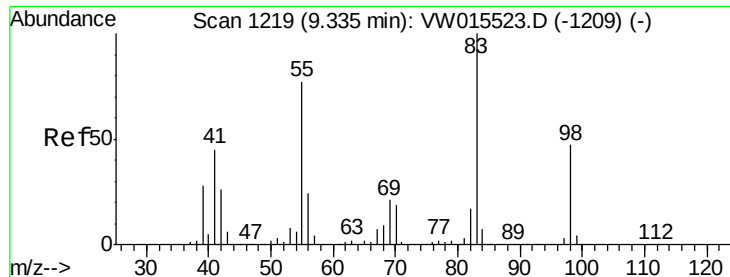


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

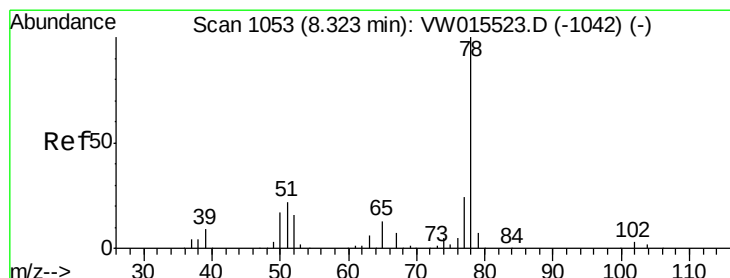
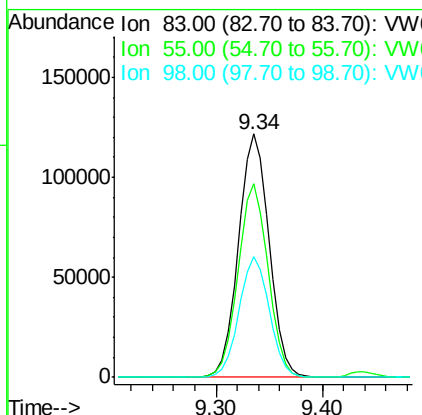
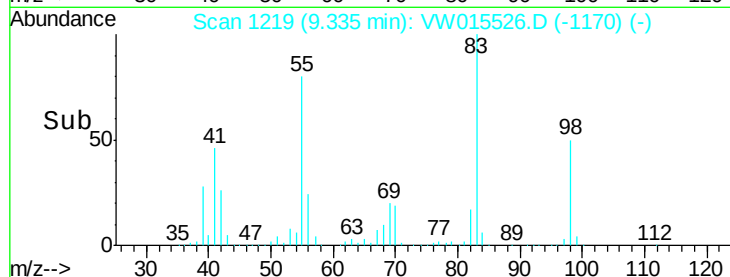
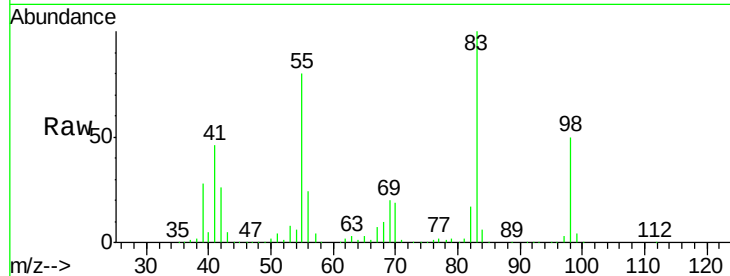




#39
Methylvlcyclohexane
Concen: 52.370 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

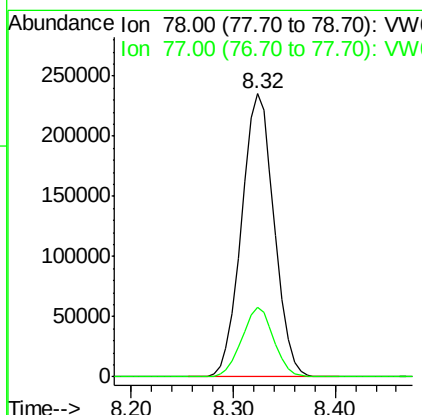
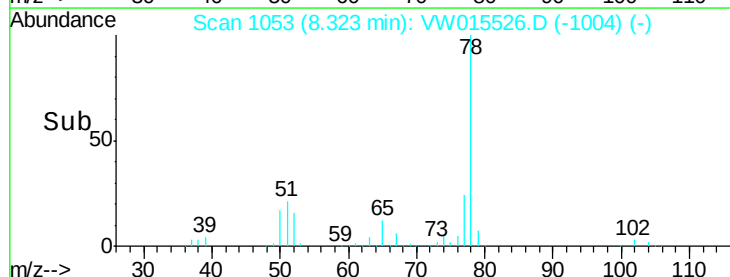
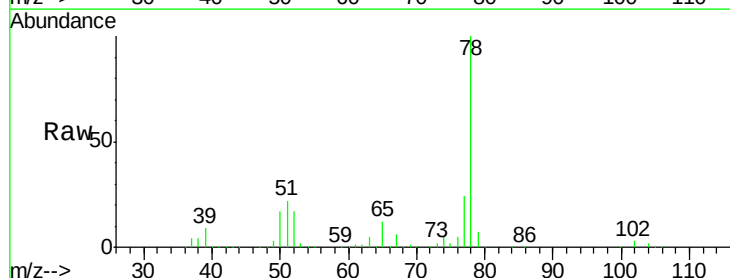
Instrument :
MSVOA_W
ClientSampleId :

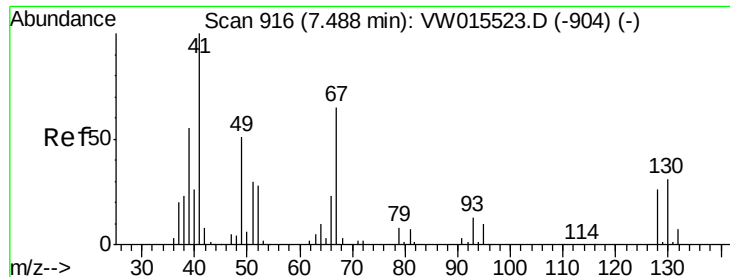
Tot Ion: 83 Resp: 246182
Ion Ratio Lower Upper
83 100
55 79.8 61.7 92.5
98 49.5 37.7 56.5



#40
Benzene
Concen: 50.733 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 78 Resp: 521846
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

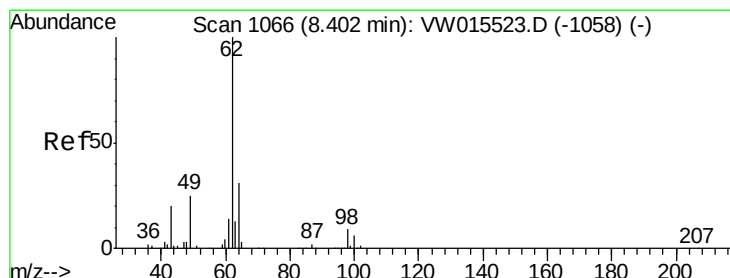
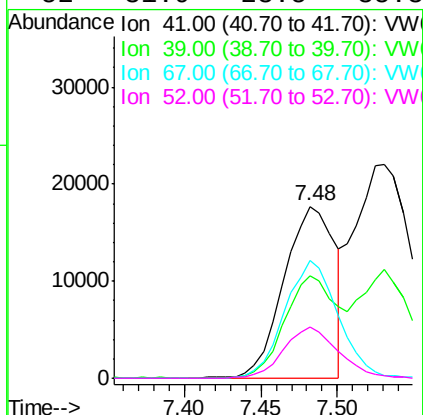
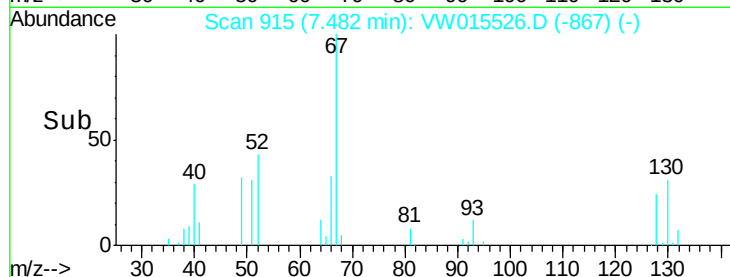
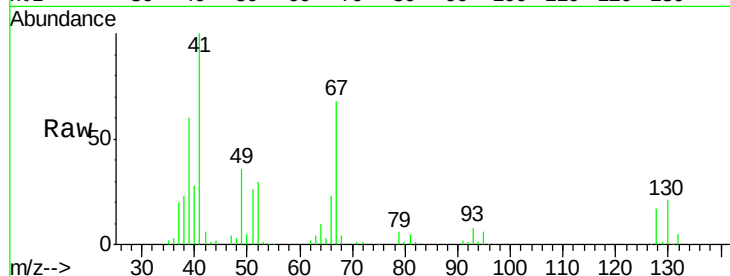




#41
Methacrylonitrile
Concen: 48.331 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

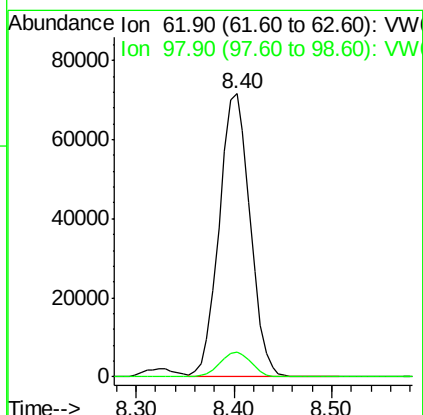
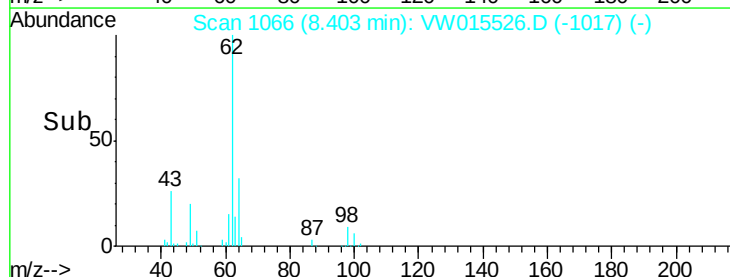
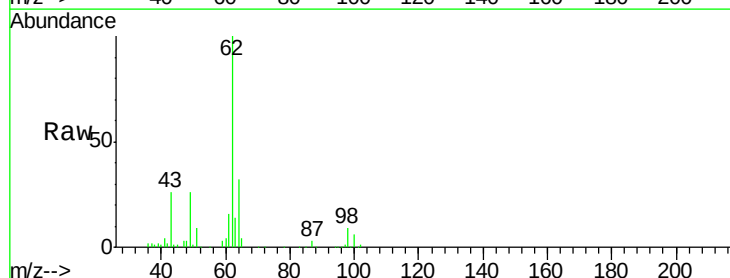
Instrument :
MSVOA_W
ClientSampled :

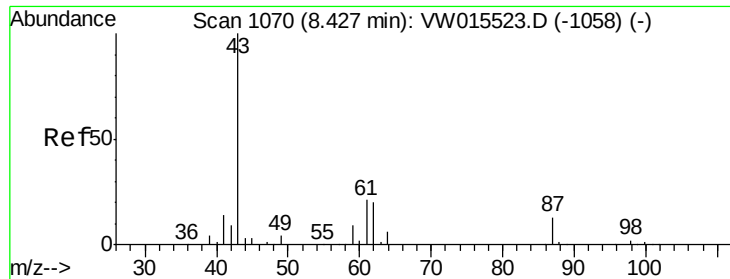
Tot Ion: 41 Resp: 41068
Ion Ratio Lower Upper
41 100
39 63.0 44.5 66.7
67 71.9 53.1 79.7
52 31.9 23.5 35.3



#42
1,2-Dichloroethane
Concen: 49.956 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 62 Resp: 156835
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 49.139 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

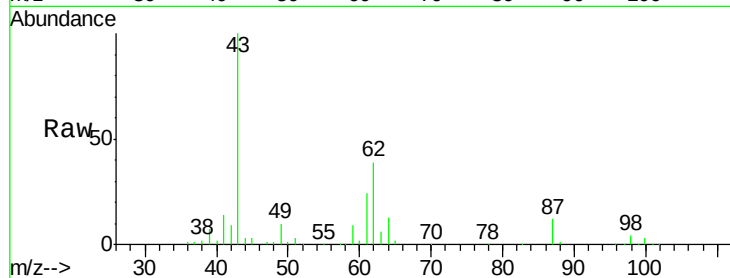
Tot Ion: 43 Resp: 144414

Ion Ratio Lower Upper

43 100

61 30.7 23.8 35.8

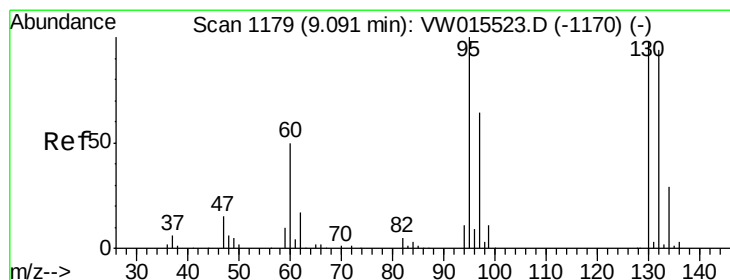
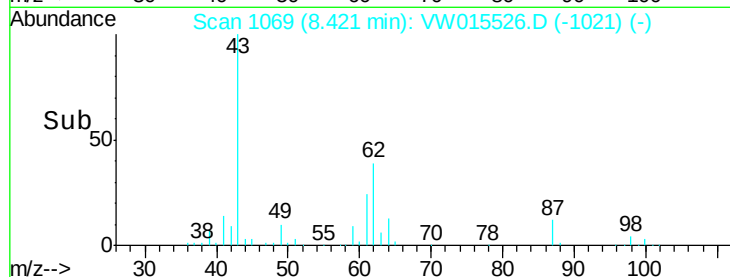
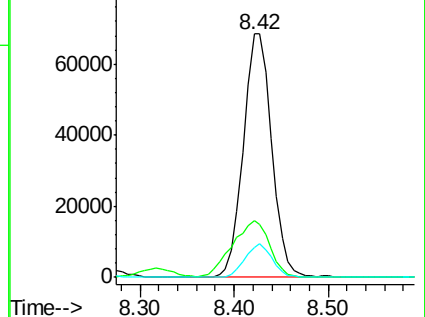
87 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.868 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015526.D

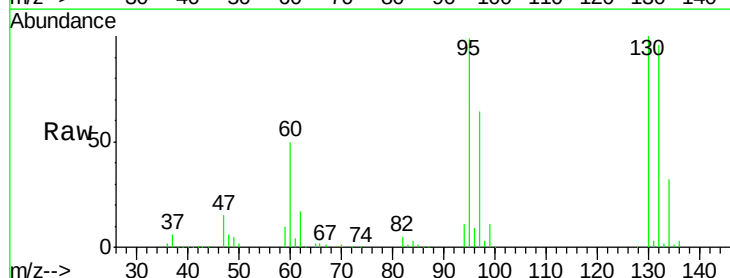
Acq: 02 Jun 2020 14:07

Tgt Ion:130 Resp: 139623

Ion Ratio Lower Upper

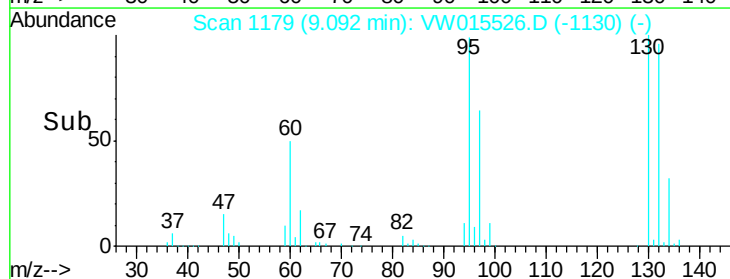
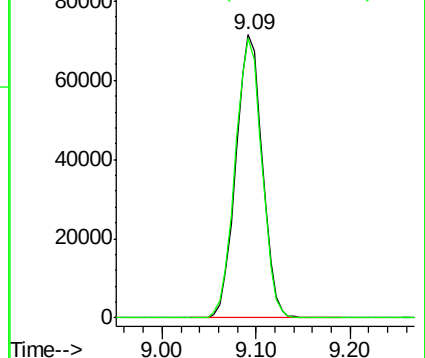
130 100

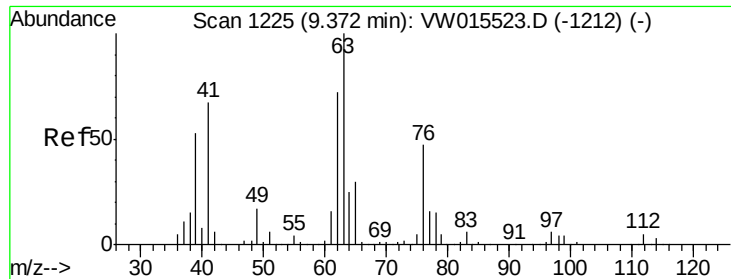
95 98.9 0.0 204.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.588 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

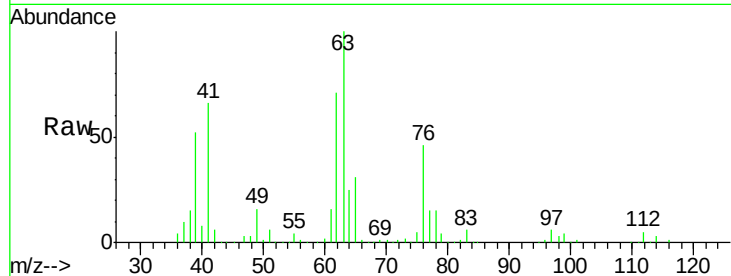
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 126936

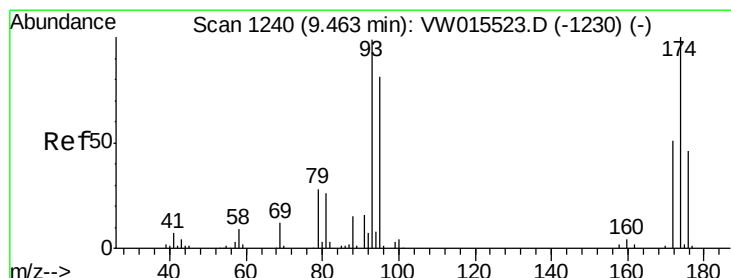
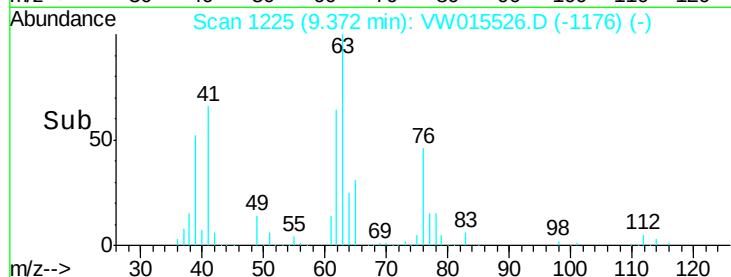
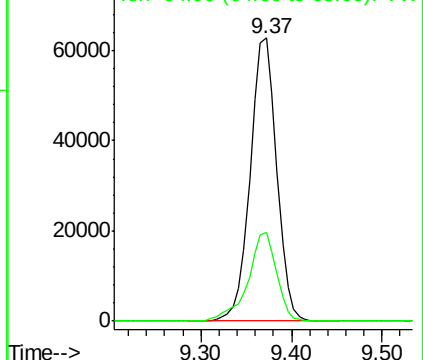
Ion Ratio Lower Upper

63 100

65 31.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.825 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

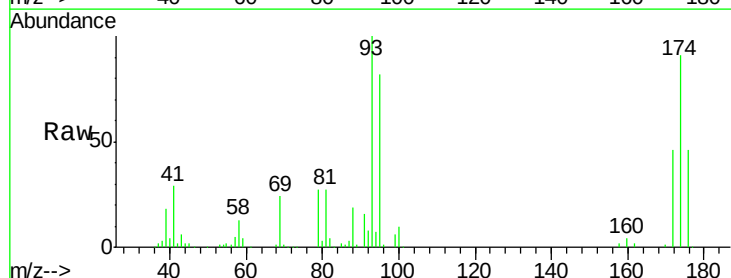
Tgt Ion: 93 Resp: 63824

Ion Ratio Lower Upper

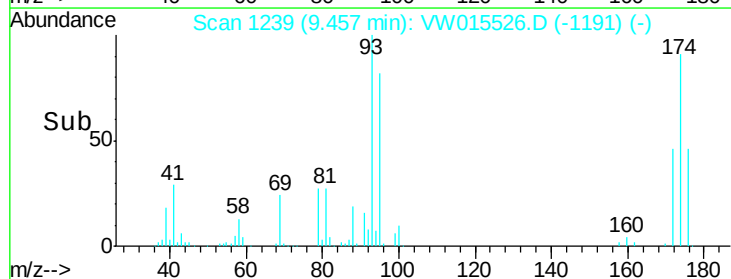
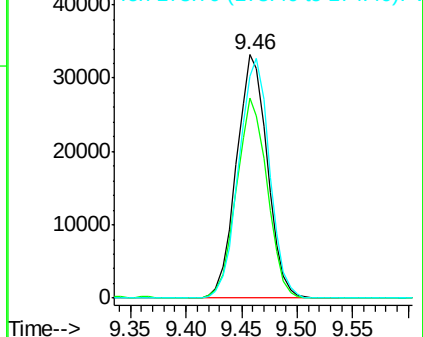
93 100

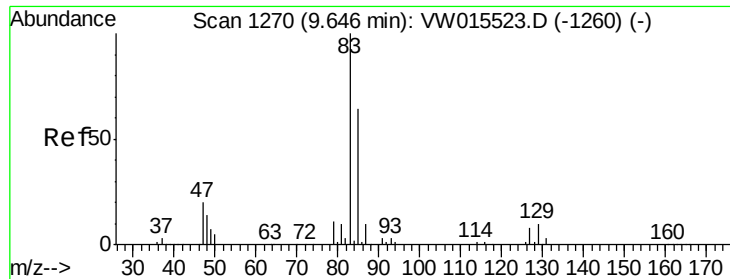
95 81.8 65.1 97.7

174 98.3 78.6 118.0



Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.021 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

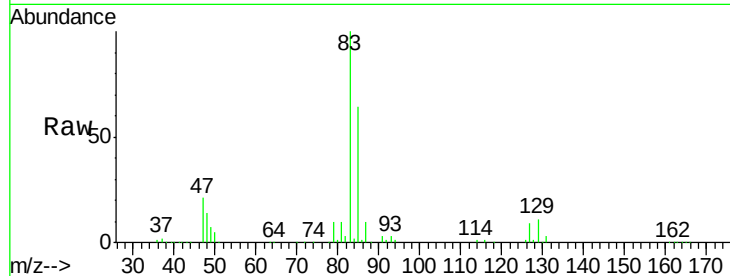
Tot Ion: 83 Resp: 176851

Ion Ratio Lower Upper

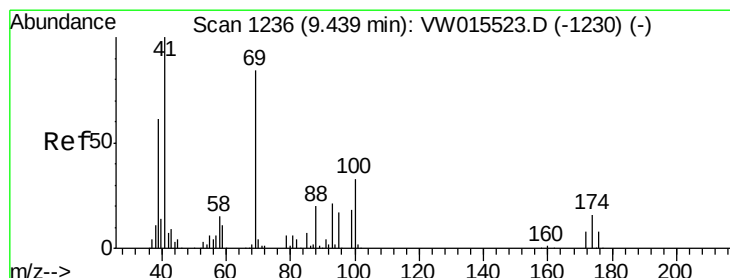
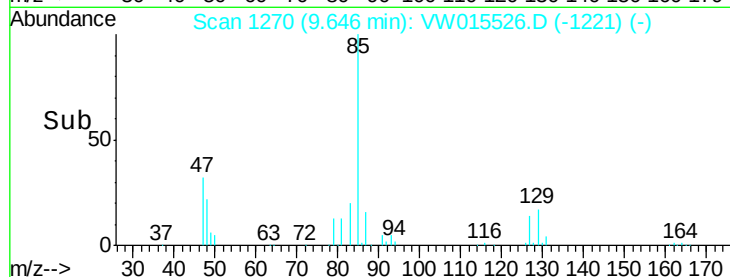
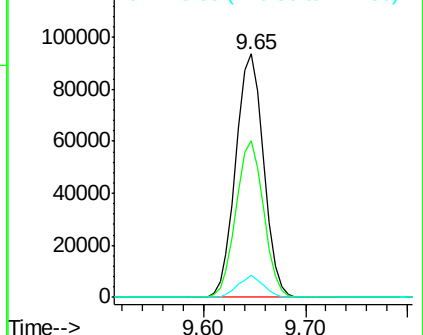
83 100

85 64.1 51.1 76.7

127 9.0 6.4 9.6



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: 50.860 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

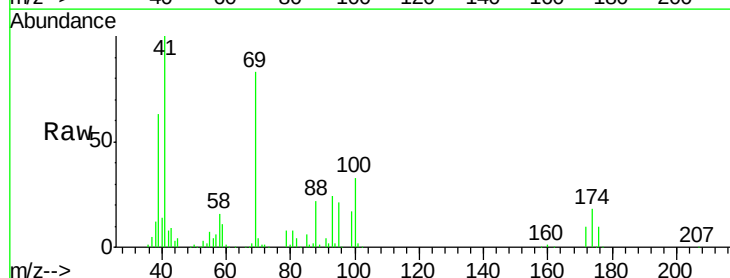
Tgt Ion: 41 Resp: 68324

Ion Ratio Lower Upper

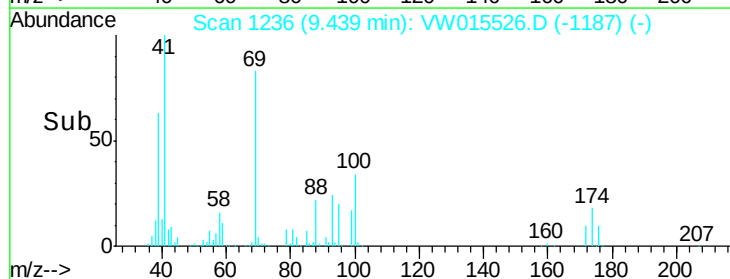
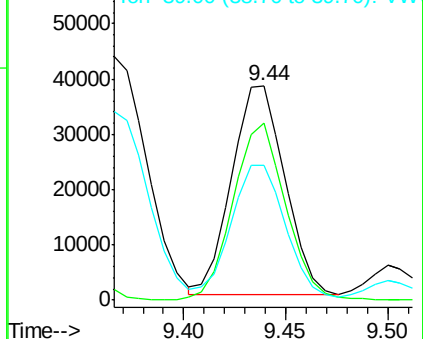
41 100

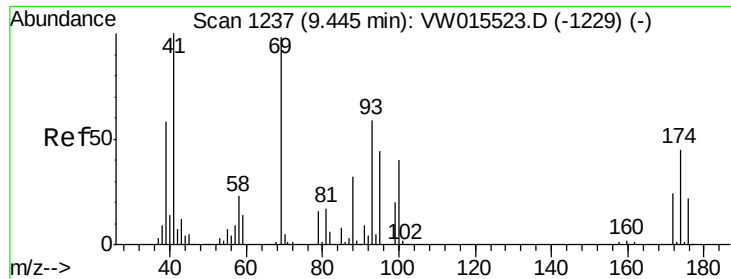
69 83.9 67.8 101.8

39 63.8 50.2 75.2



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

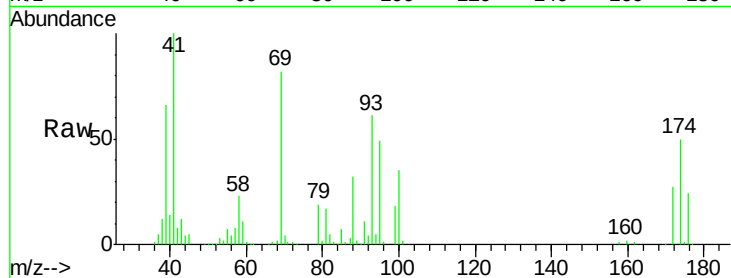




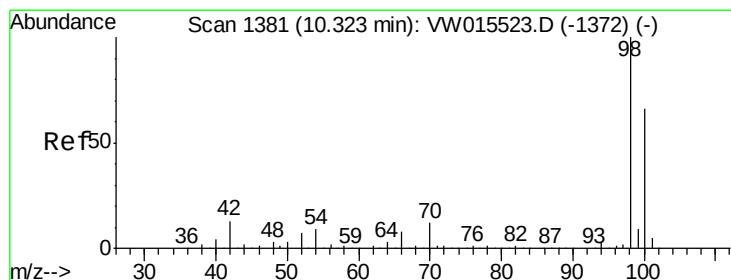
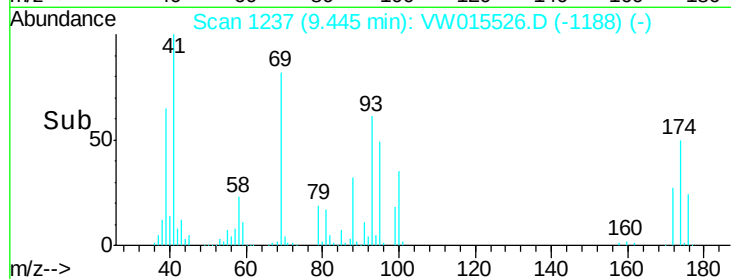
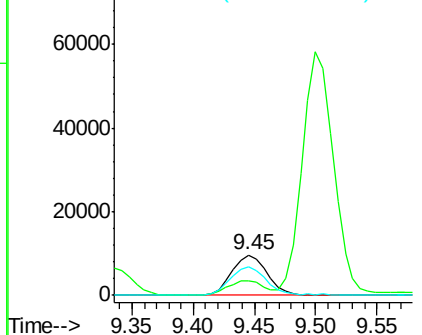
#49
 1,4-Dioxane
 Concen: 890.963 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 19102
 Ion Ratio Lower Upper
 88 100
 43 35.5 27.9 41.9
 58 71.1 58.8 88.2

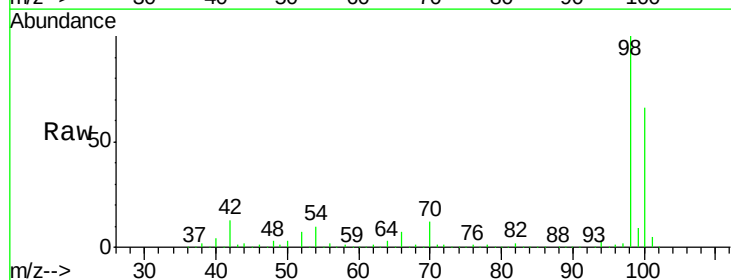


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

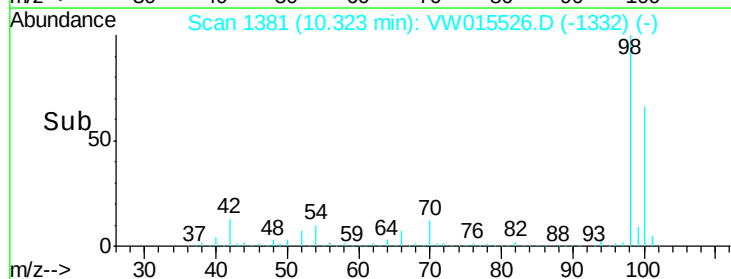
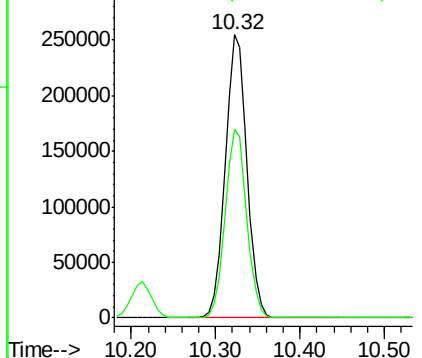


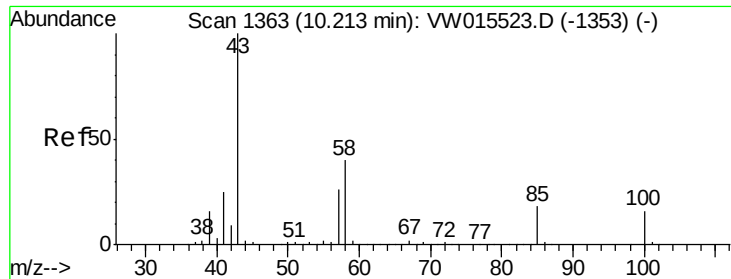
#50
 Toluene-d8
 Concen: 49.755 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion: 98 Resp: 446758
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

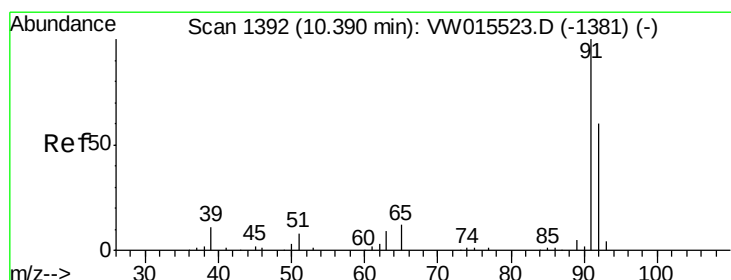
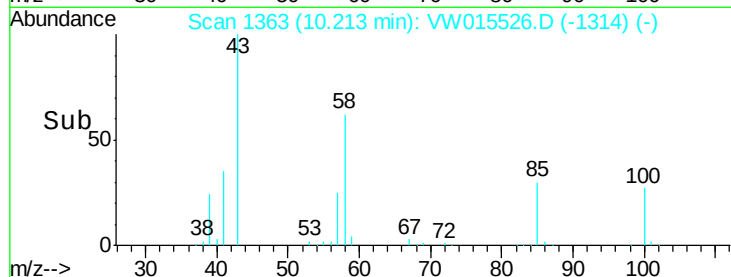
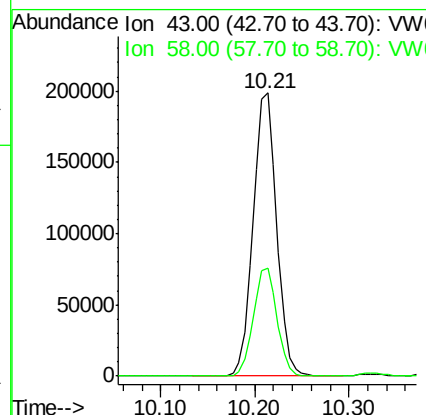
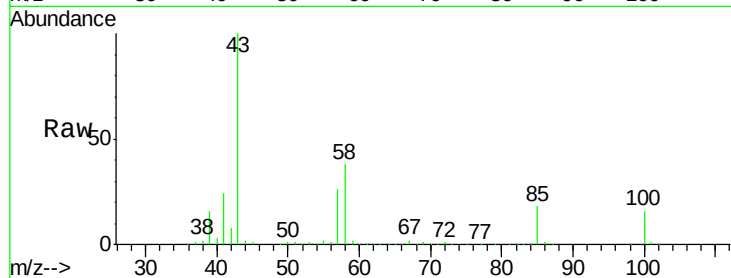




#51
4-Methyl-2-Pentanone
Concen: 250.035 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

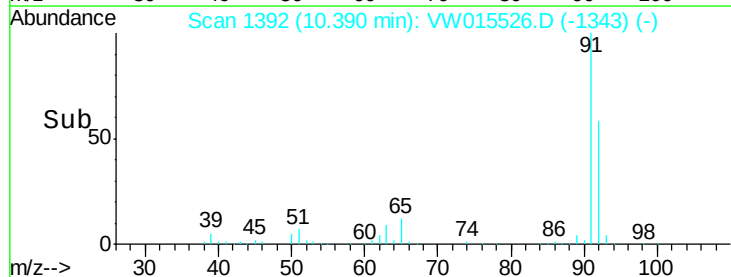
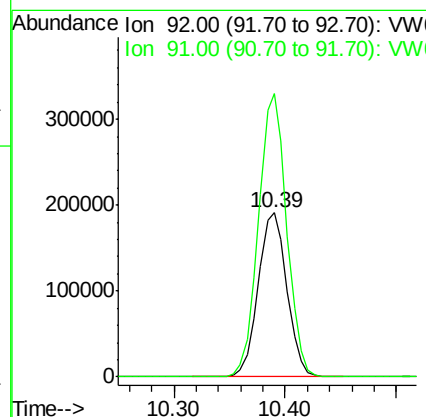
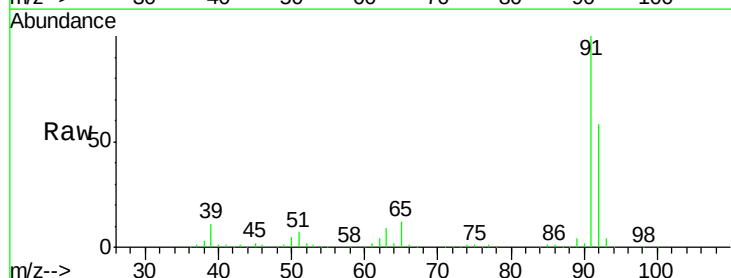
Instrument :
MSVOA_W
ClientSampled :

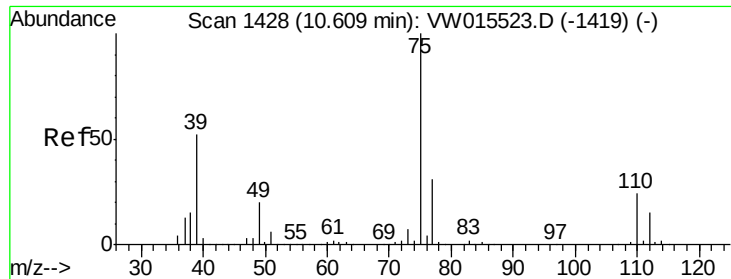
Tot Ion: 43 Resp: 349127
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.0



#52
Toluene
Concen: 51.634 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 92 Resp: 342596
Ion Ratio Lower Upper
92 100
91 169.5 136.5 204.7

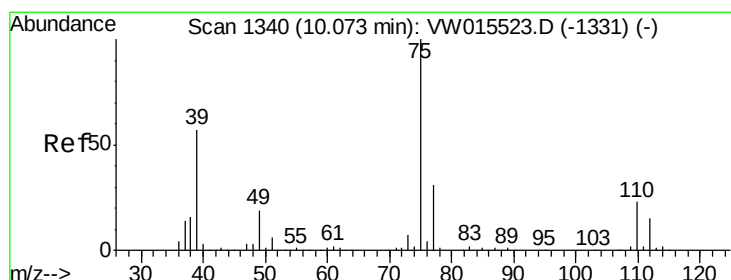
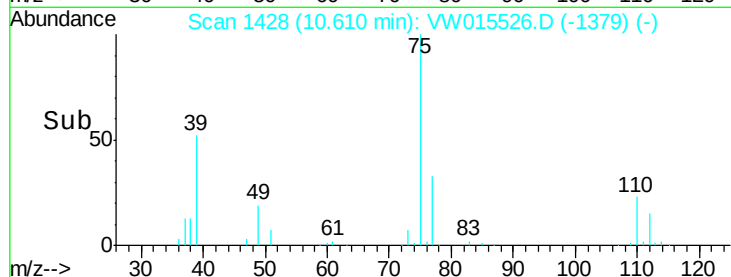
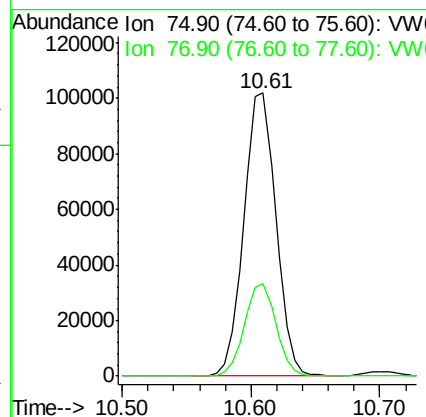
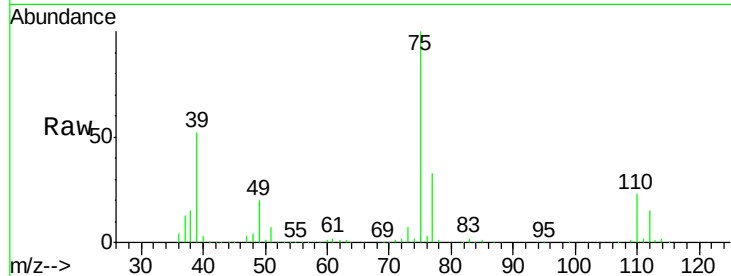




#53
 t-1,3-Dichloropropene
 Concen: 51.346 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

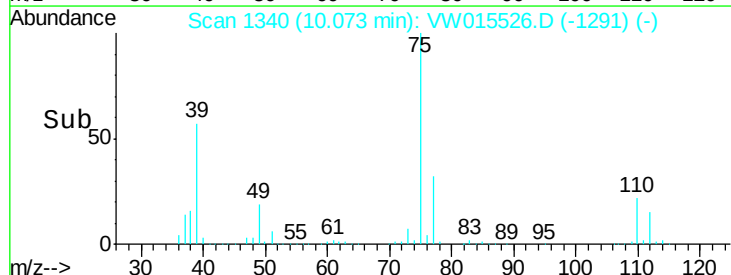
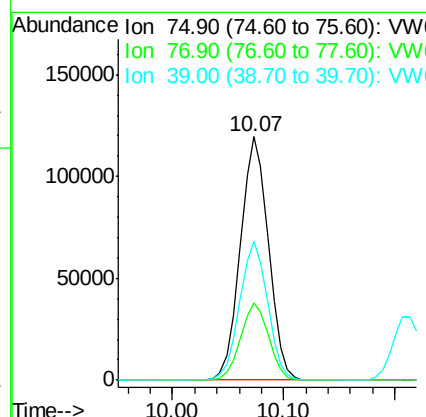
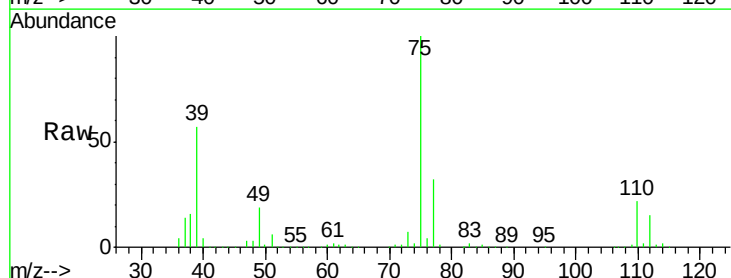
Instrument :
 MSVOA_W
 ClientSampled :

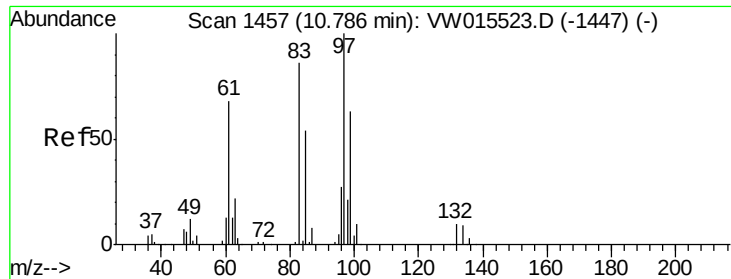
Tot Ion: 75 Resp: 175435
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.833 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion: 75 Resp: 208689
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 56.9 45.4 68.2

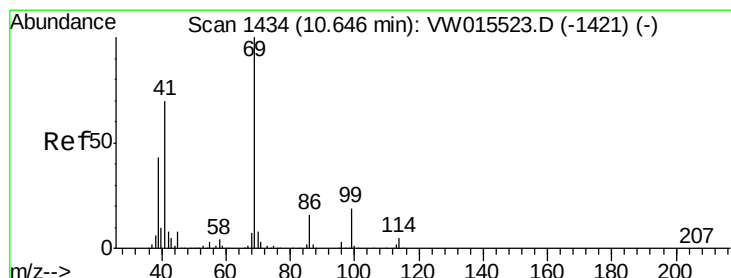
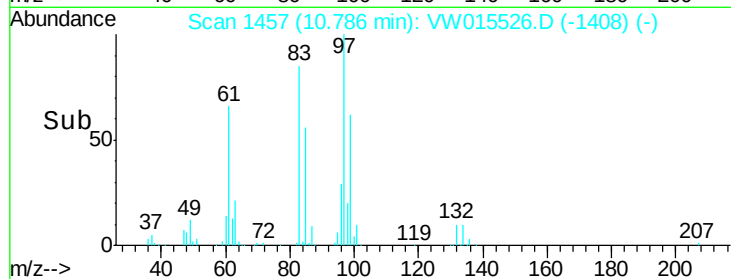
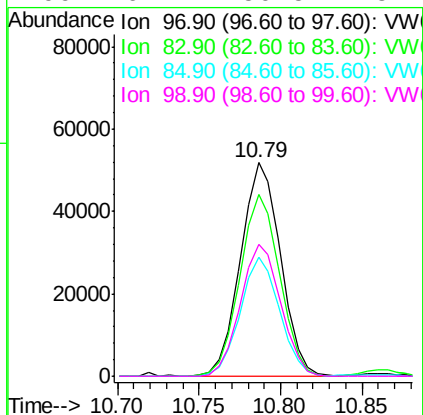
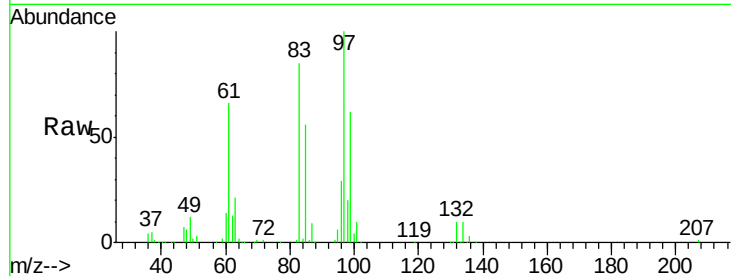




#55
 1,1,2-Trichloroethane
 Concen: 49.643 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

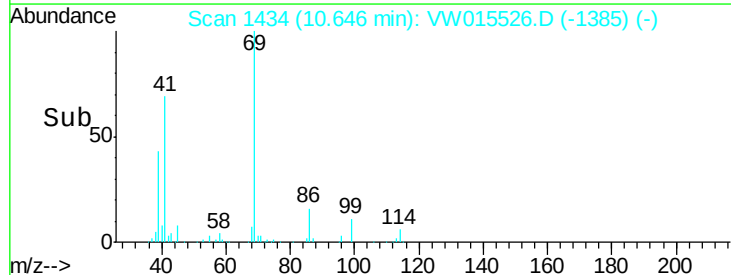
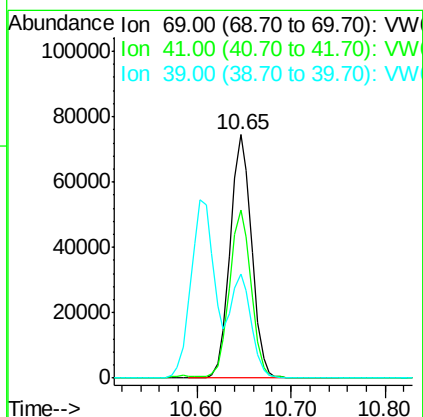
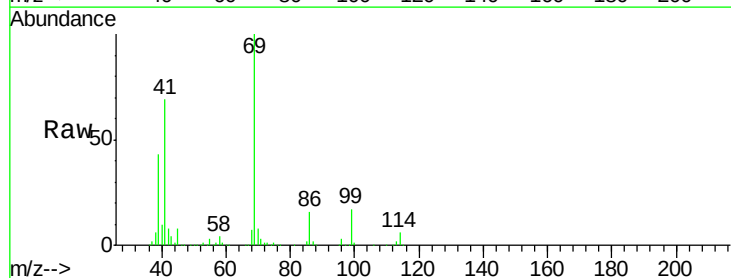
Instrument :
 MSVOA_W
 ClientSampleId :

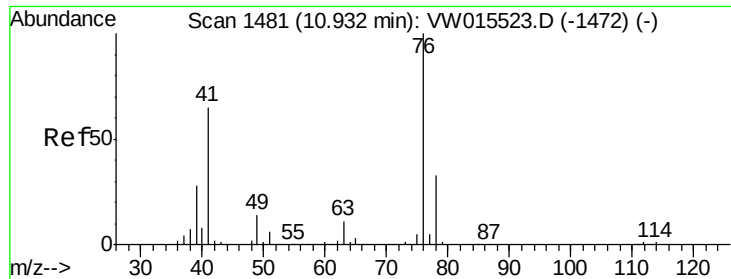
Tot Ion:	97	Resp:	88765
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.6	102.8
85	55.8	43.2	64.8
99	61.7	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 50.838 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion:	69	Resp:	118237
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.2	84.4
39	40.9	33.3	49.9

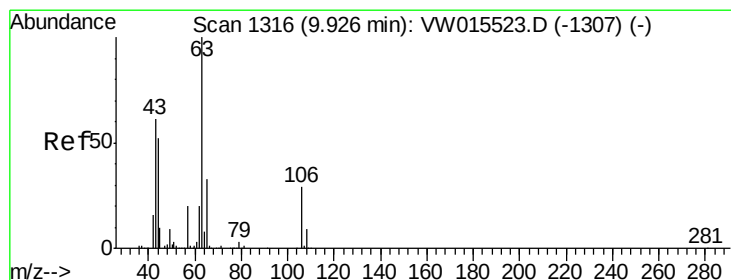
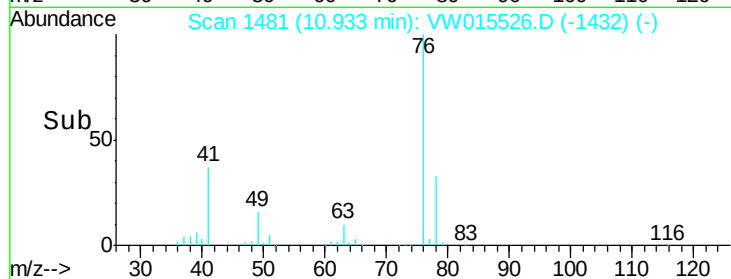
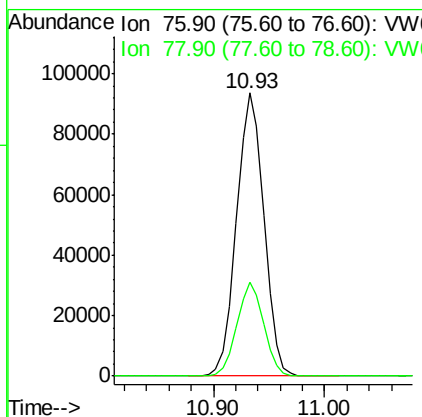
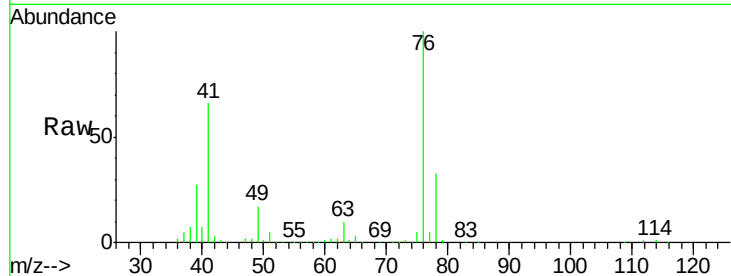




#57
 1,3-Dichloropropane
 Concen: 50.193 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

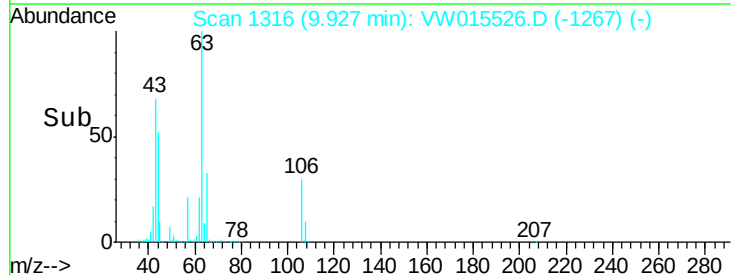
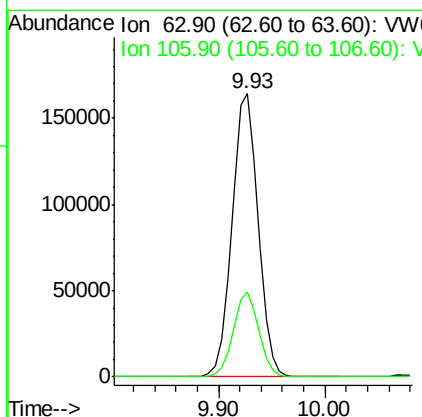
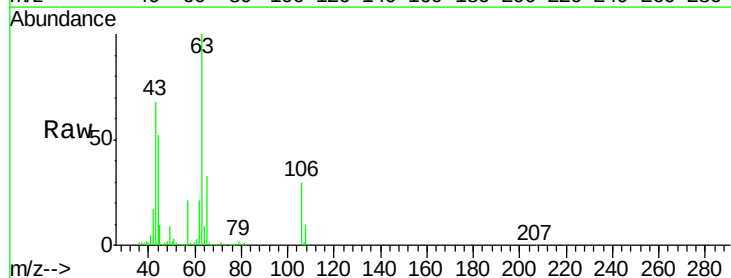
Instrument :
 MSVOA_W
 ClientSampled :

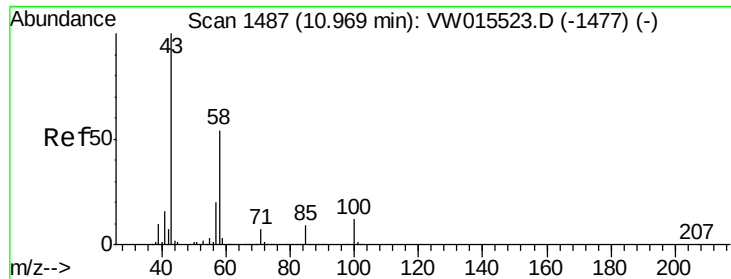
Tot Ion: 76 Resp: 158927
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.973 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion: 63 Resp: 282430
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.9 34.3

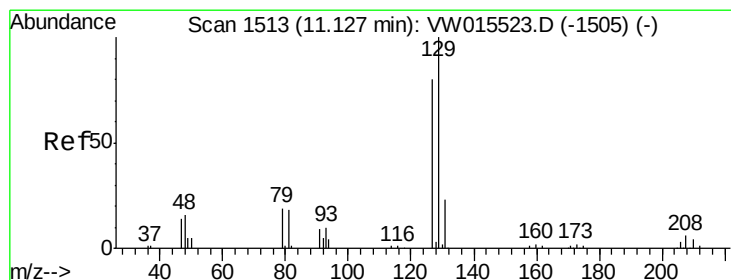
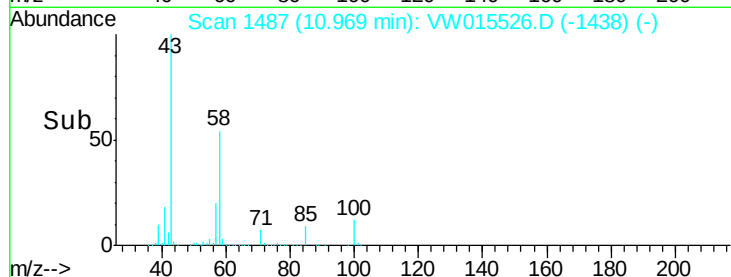
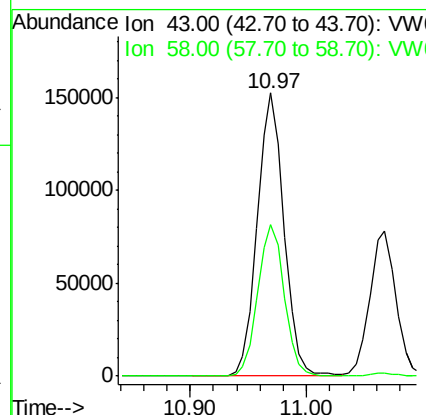
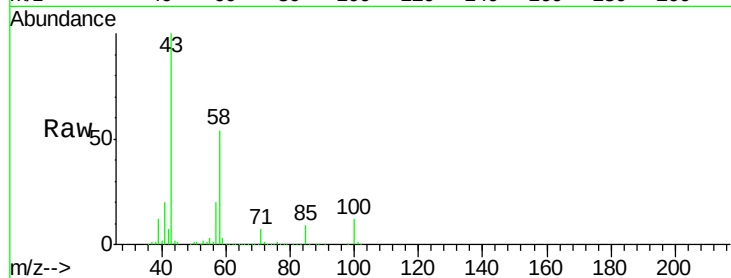




#59
2-Hexanone
Concen: 252.955 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

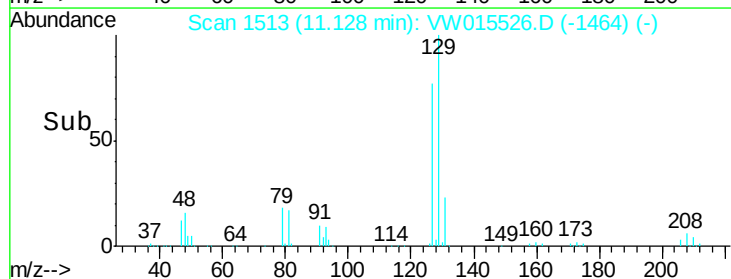
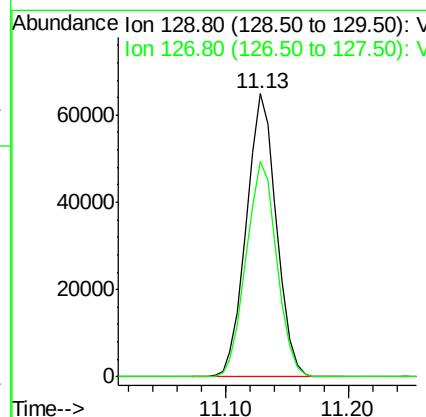
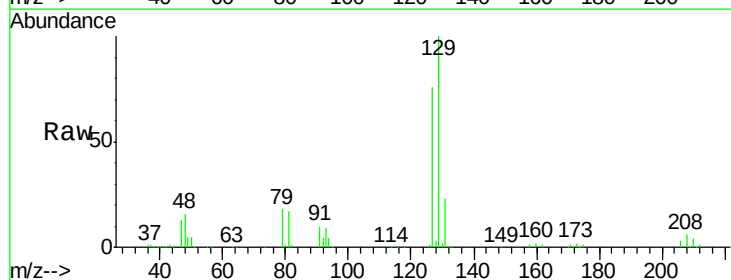
Instrument :
MSVOA_W
ClientSampleId :

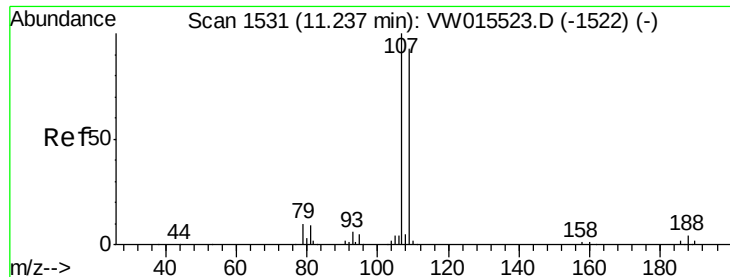
Tot Ion: 43 Resp: 244310
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.3



#60
Dibromochloromethane
Concen: 50.743 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:129 Resp: 110709
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.066 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

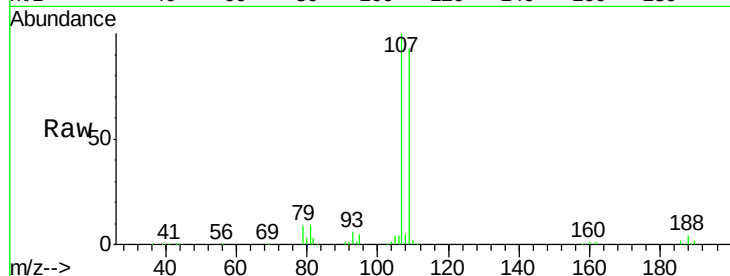
ClientSampleId :

Tot Ion:107 Resp: 87384

Ion Ratio Lower Upper

107 100

109 92.8 74.6 111.8

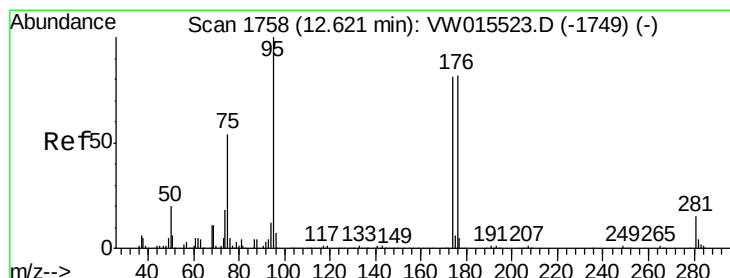
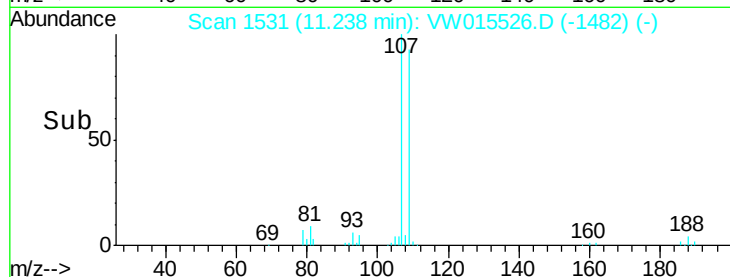


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

Time-->



#62

4-Bromofluorobenzene

Concen: 50.904 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

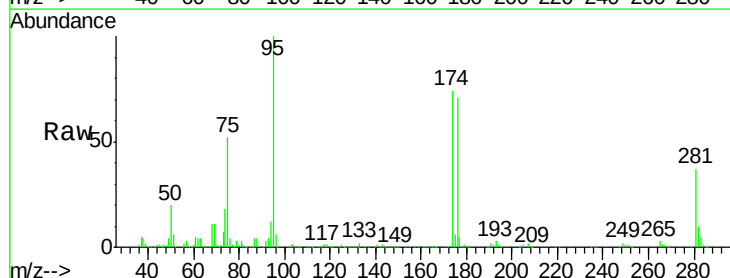
Tgt Ion: 95 Resp: 166062

Ion Ratio Lower Upper

95 100

174 76.7 0.0 153.6

176 72.9 0.0 152.8



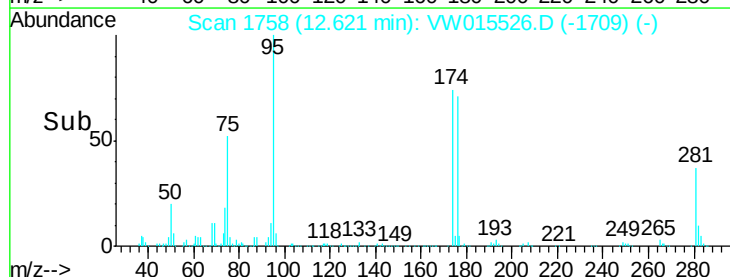
Abundance Ion 94.90 (94.60 to 95.60): VW

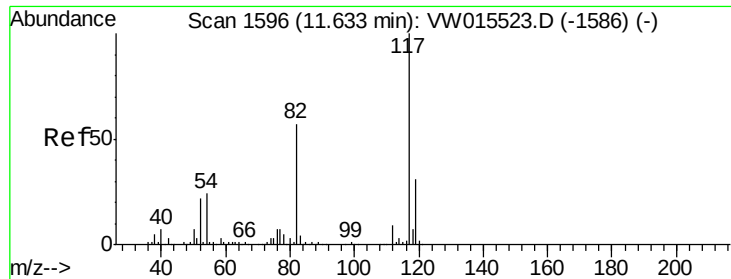
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

Time-->

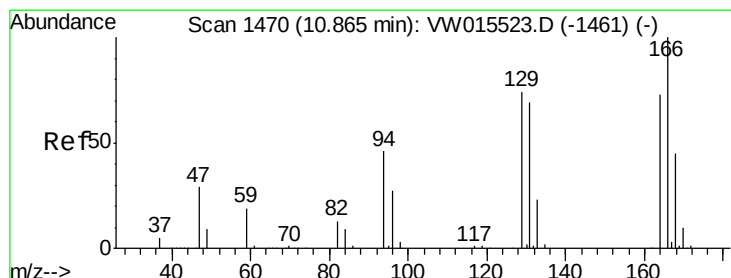
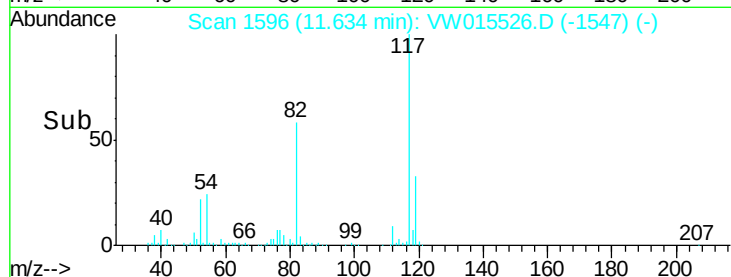
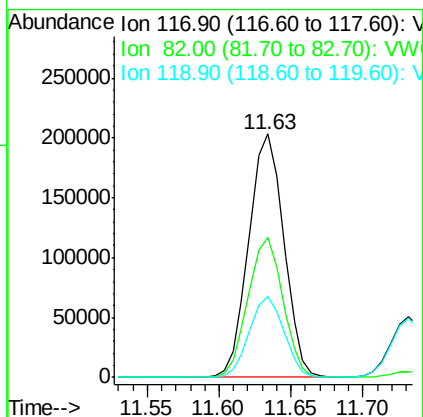
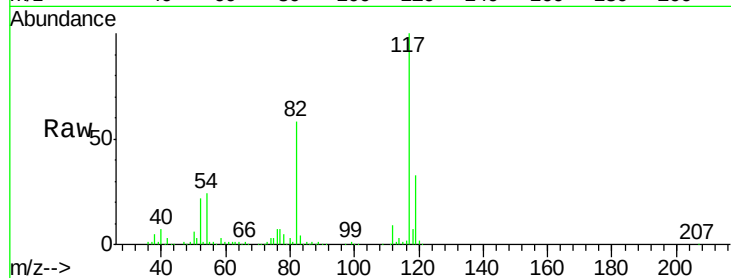




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

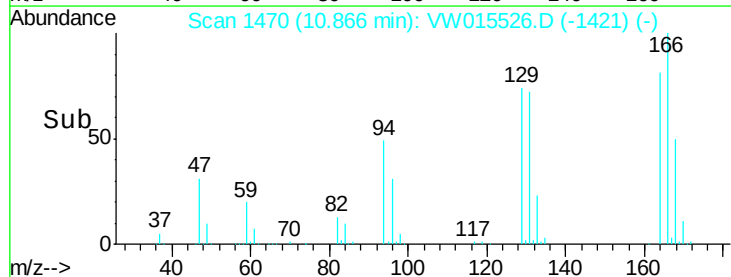
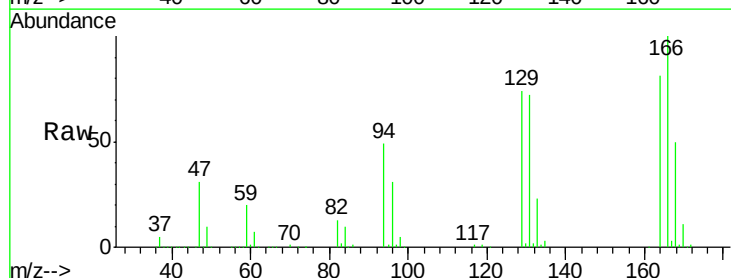
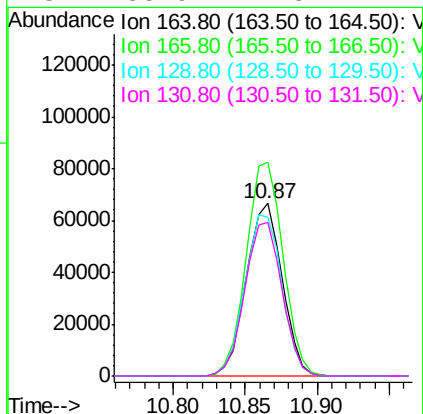
Instrument :
MSVOA_W
ClientSampled :

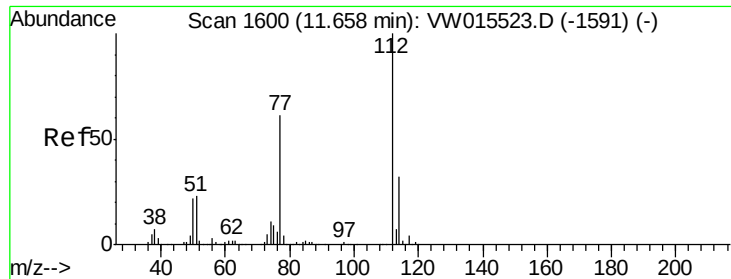
Tot Ion:117 Resp: 342827
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 33.2 24.7 37.1



#64
Tetrachloroethene
Concen: 50.041 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:164 Resp: 114953
Ion Ratio Lower Upper
164 100
166 123.7 109.0 163.6
129 91.8 81.0 121.4
131 88.9 74.8 112.2

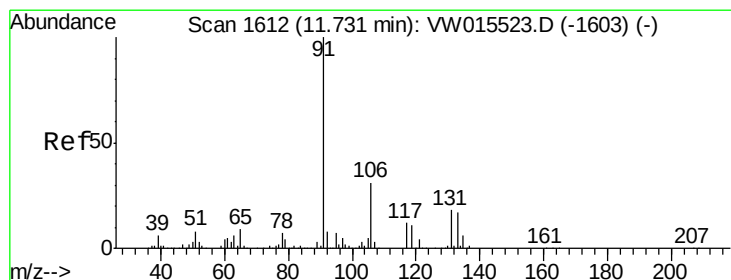
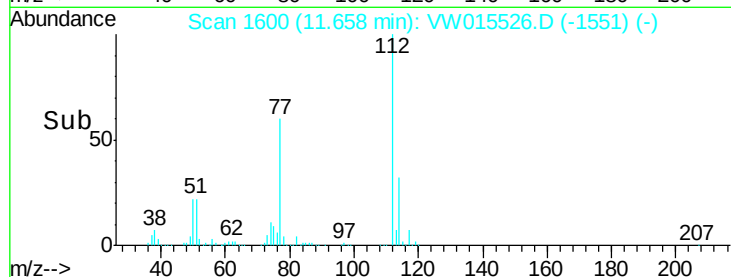
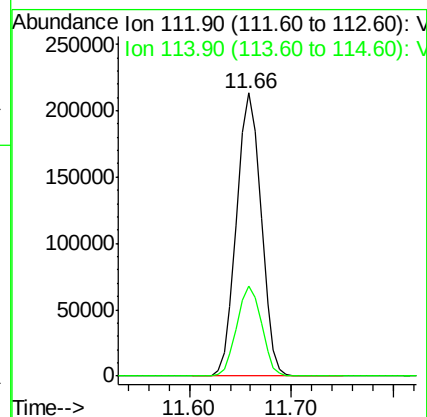
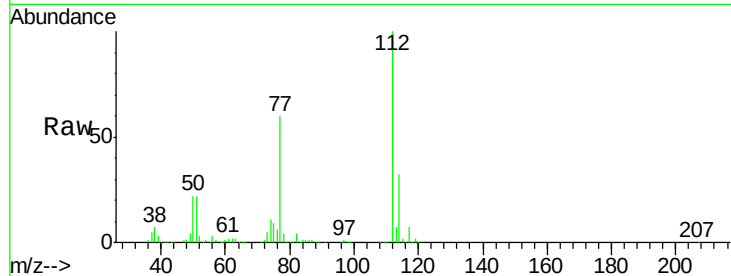




#65
Chlorobenzene
Concen: 50.878 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

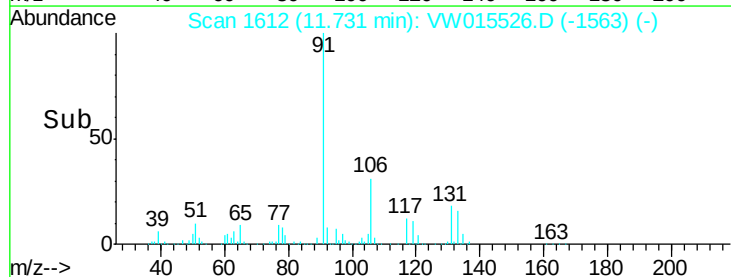
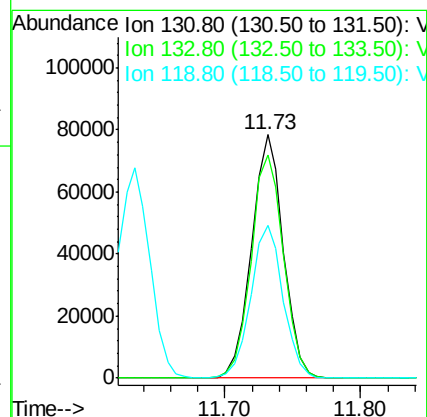
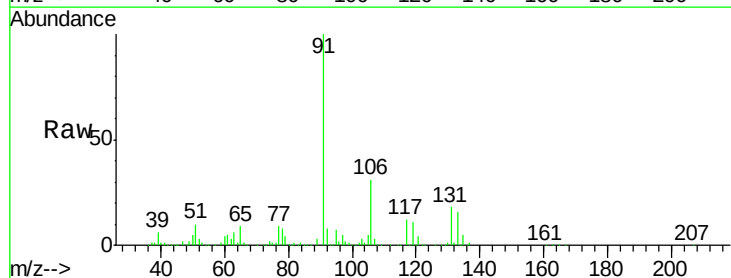
Instrument :
MSVOA_W
ClientSampleId :

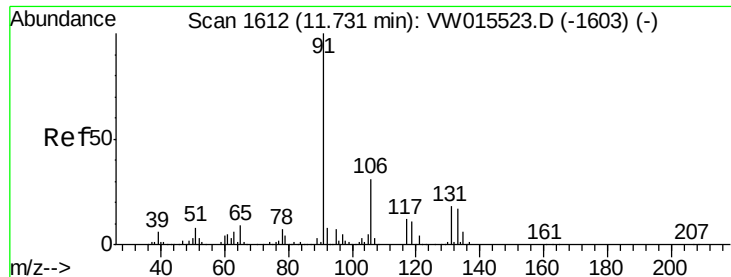
Tot Ion:112 Resp: 355574
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.308 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:131 Resp: 128148
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.8
119 63.7 32.5 97.5





#67

Ethyl Benzene

Concen: 51.724 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

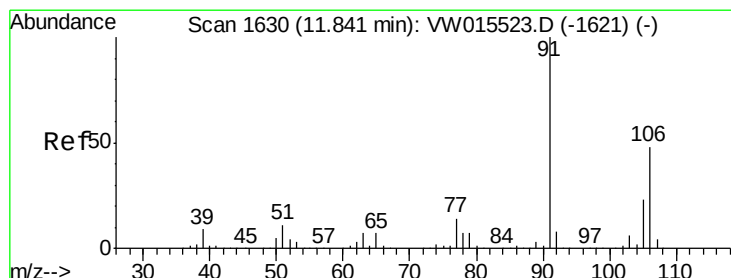
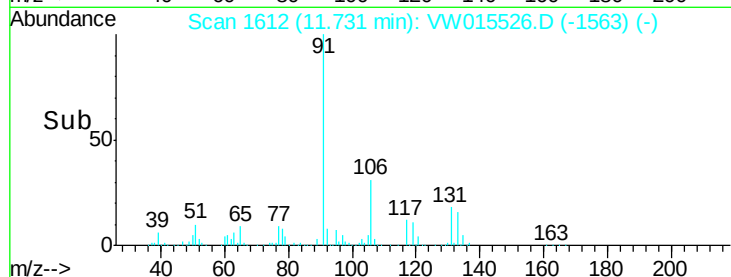
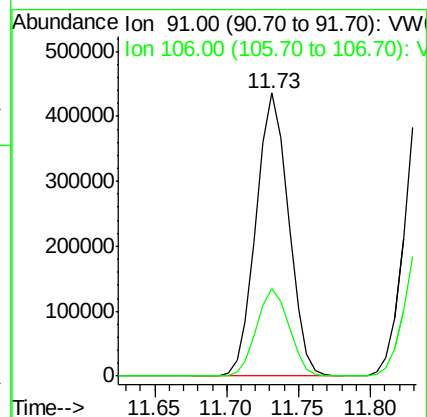
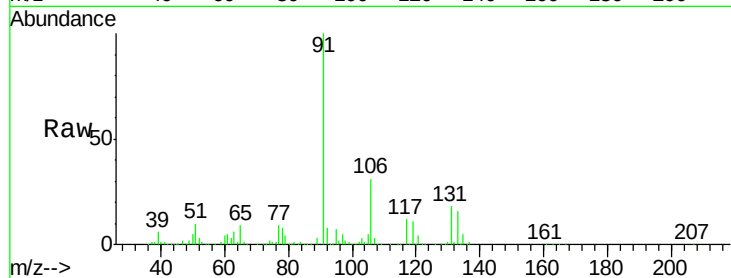
ClientSampled :

Tot Ion: 91 Resp: 680168

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 104.870 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015526.D

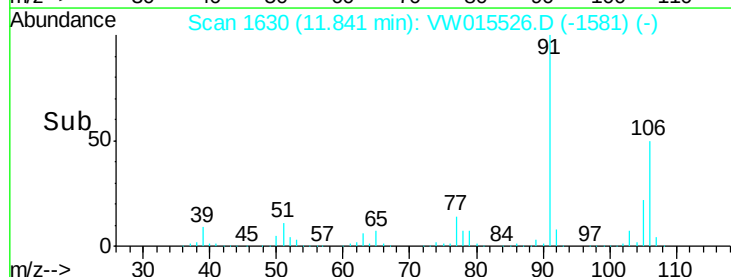
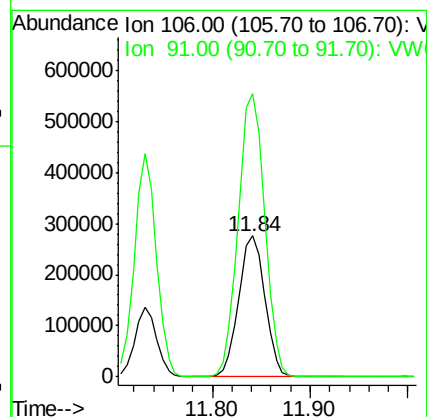
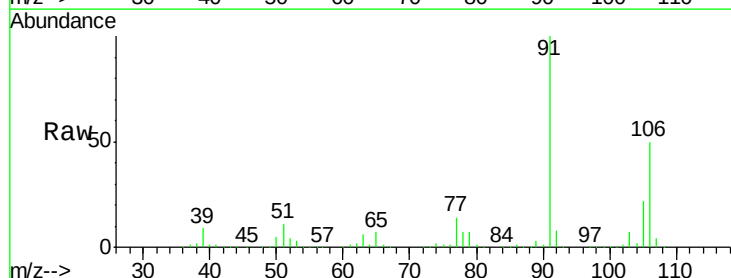
Acq: 02 Jun 2020 14:07

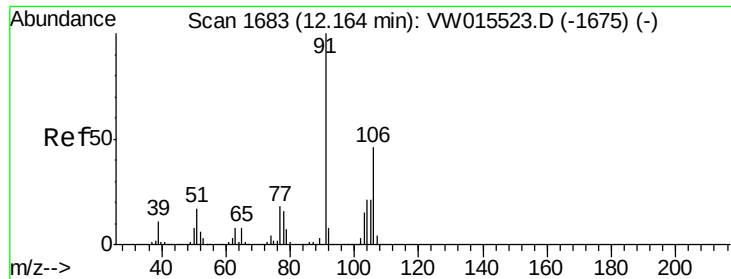
Tgt Ion: 106 Resp: 515259

Ion Ratio Lower Upper

106 100

91 203.0 163.5 245.3

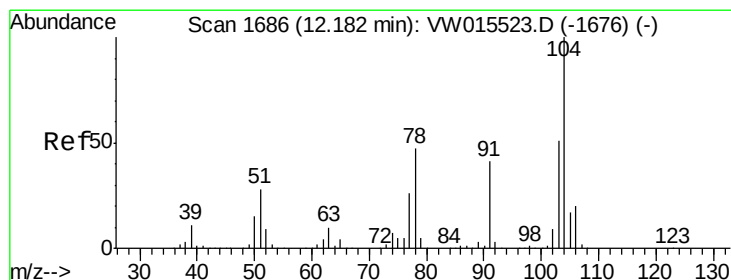
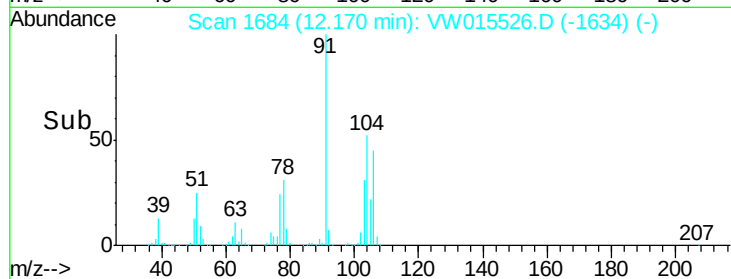
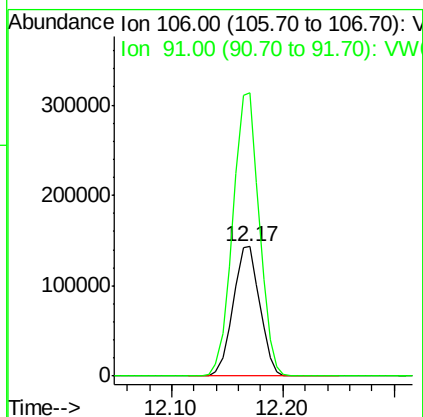
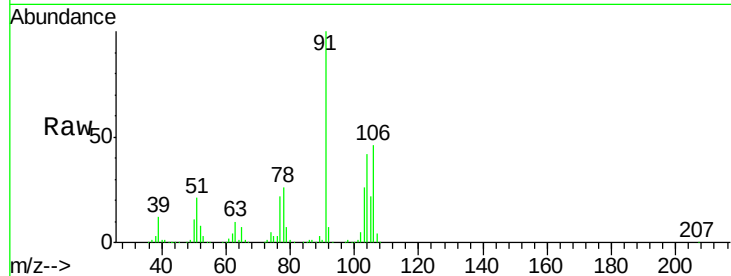




#69
o-Xylene
Concen: 51.837 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

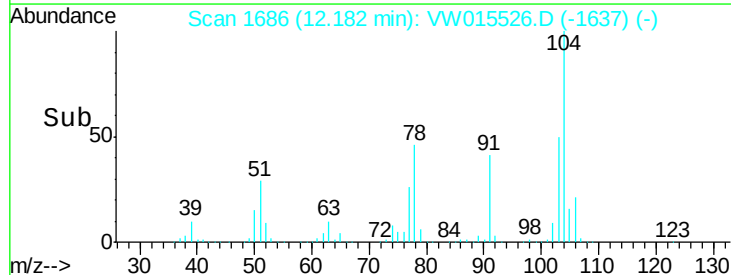
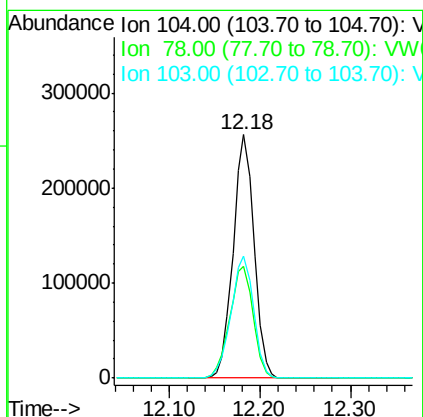
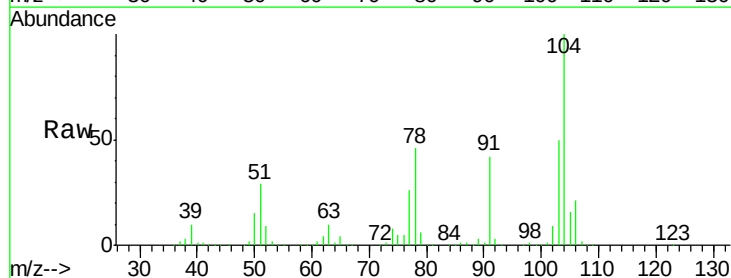
Instrument :
MSVOA_W
ClientSampled :

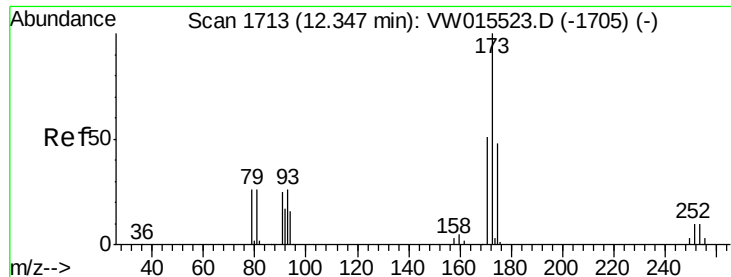
Tot Ion:106 Resp: 237256
Ion Ratio Lower Upper
106 100
91 217.2 107.8 323.4



#70
Styrene
Concen: 52.454 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:104 Resp: 410052
Ion Ratio Lower Upper
104 100
78 51.4 41.7 62.5
103 54.3 43.8 65.8





#71

Bromoform

Concen: 50.139 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

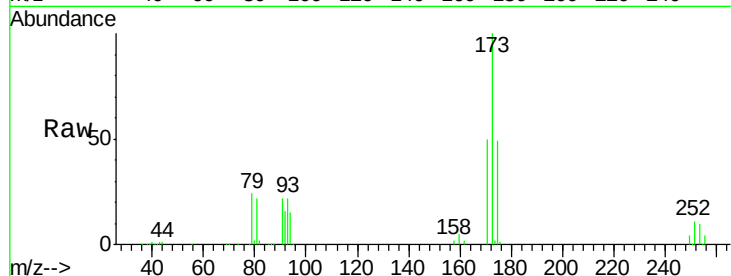
Tot Ion:173 Resp: 60191

Ion Ratio Lower Upper

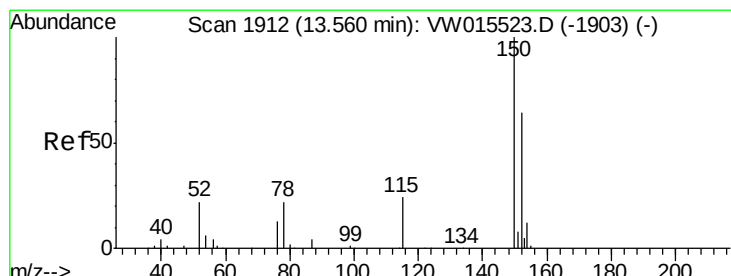
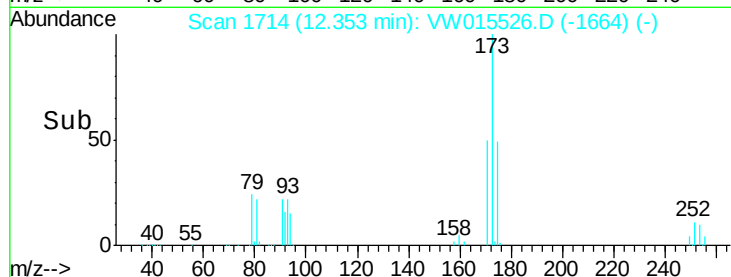
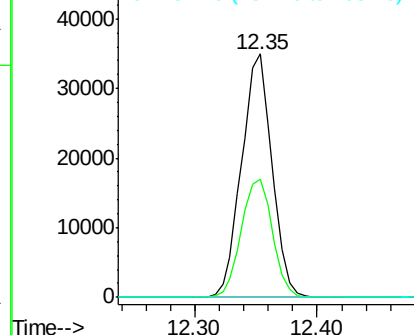
173 100

175 49.7 24.8 74.3

254 0.2 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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

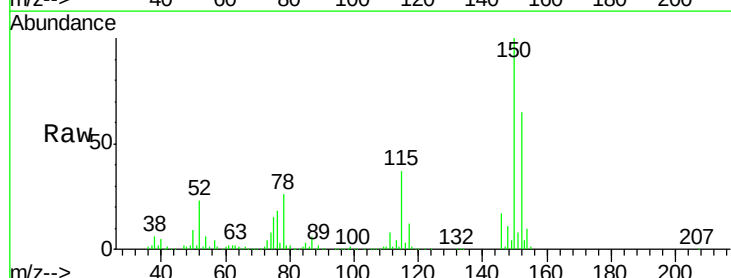
Tgt Ion:152 Resp: 173410

Ion Ratio Lower Upper

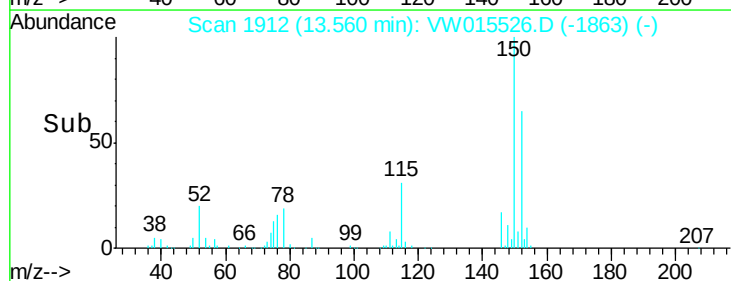
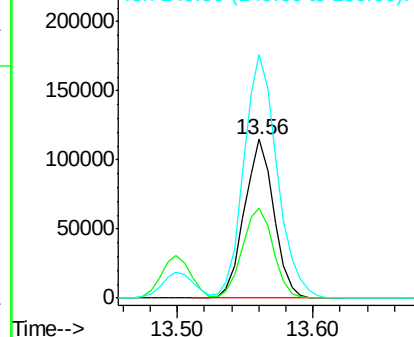
152 100

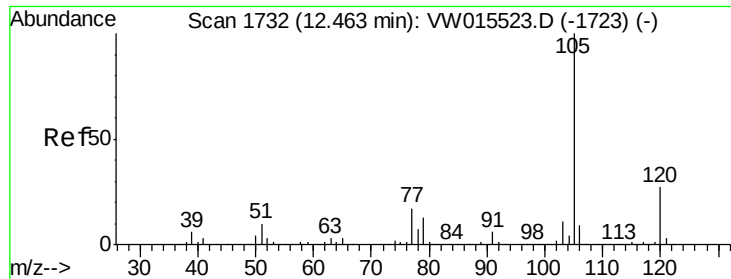
115 59.1 30.0 90.0

150 174.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.696 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

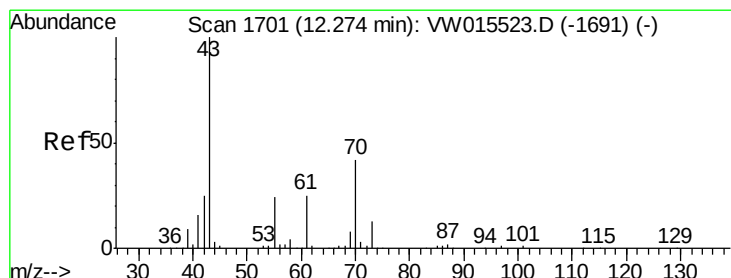
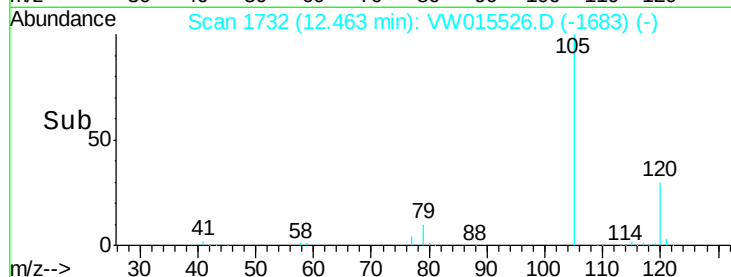
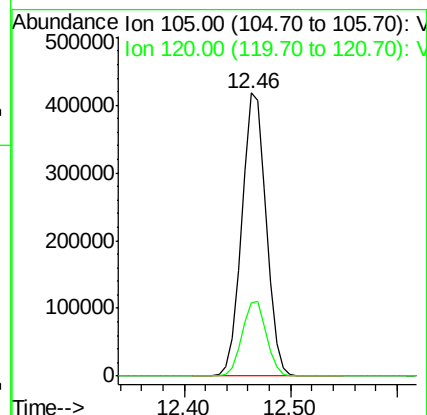
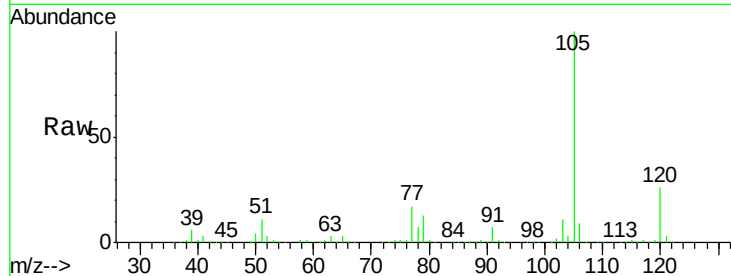
ClientSampleId :

Tot Ion:105 Resp: 672159

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 49.622 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Tgt Ion: 43 Resp: 141221

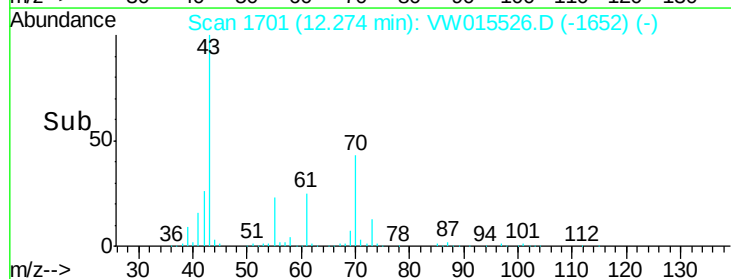
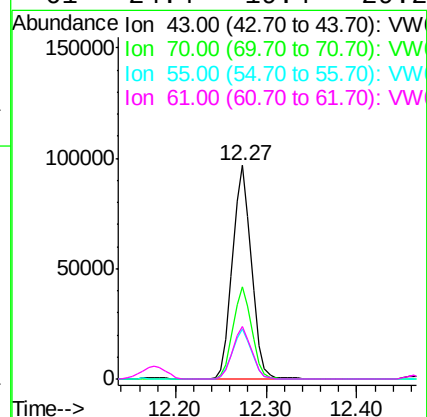
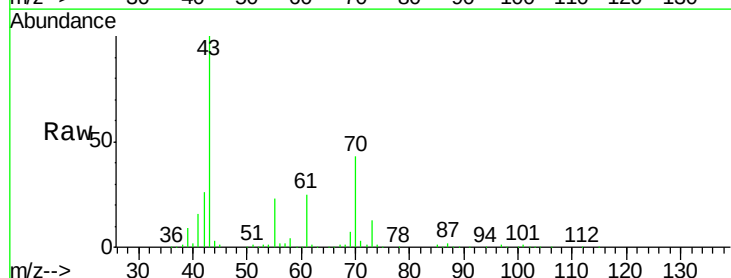
Ion Ratio Lower Upper

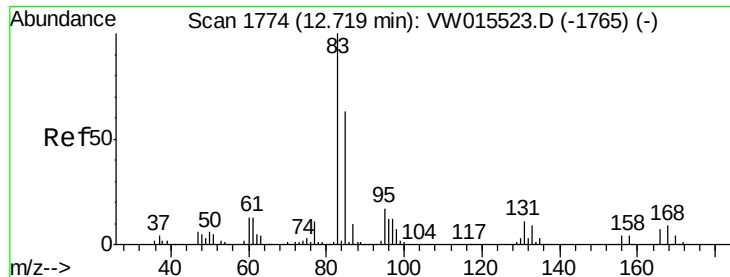
43 100

70 42.4 33.6 50.4

55 23.5 19.1 28.7

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.786 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampled :

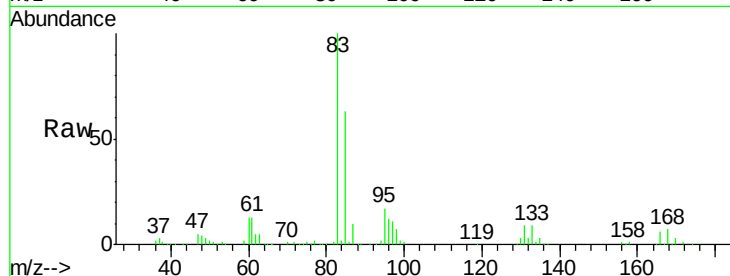
Tot Ion: 83 Resp: 99670

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

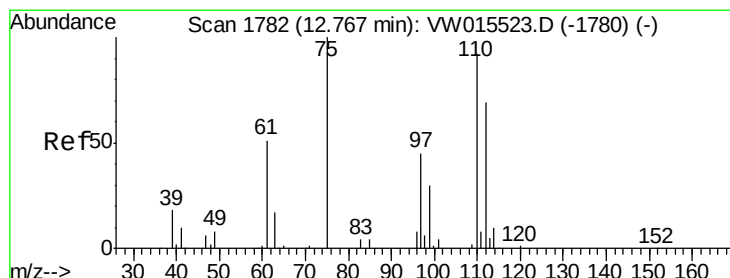
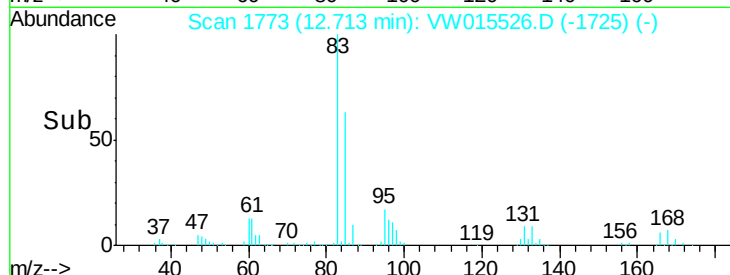
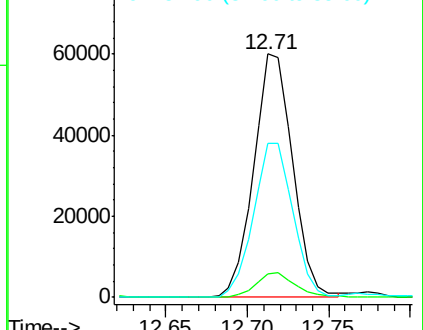
85 64.1 32.0 96.0



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: 93.693 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015526.D

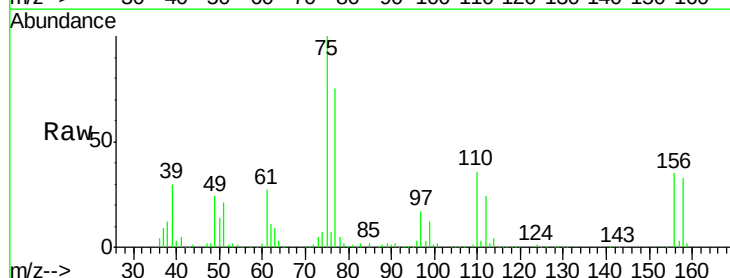
Acq: 02 Jun 2020 14:07

Tgt Ion: 75 Resp: 137009

Ion Ratio Lower Upper

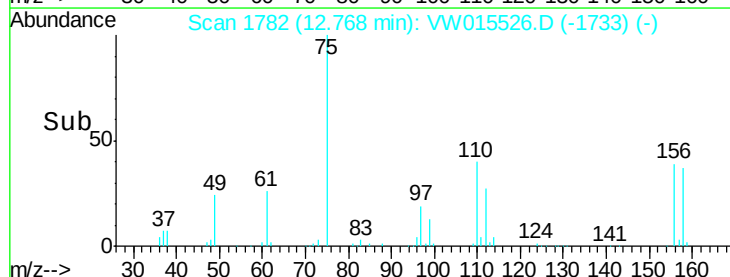
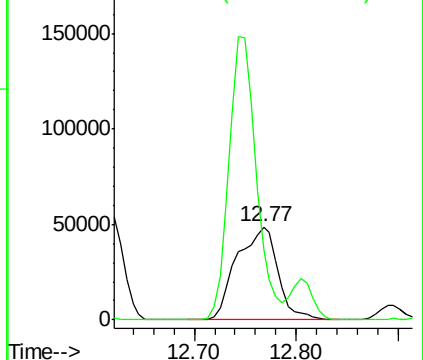
75 100

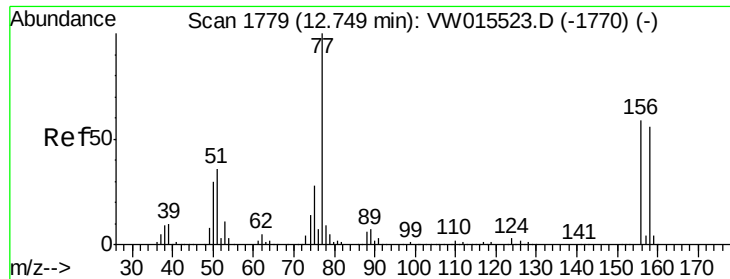
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.332 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

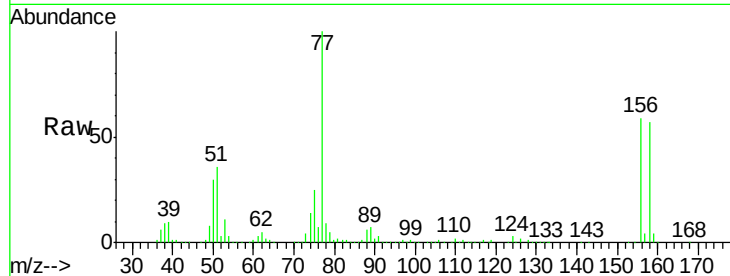
Tot Ion:156 Resp: 141238

Ion Ratio Lower Upper

156 100

77 195.2 97.3 291.8

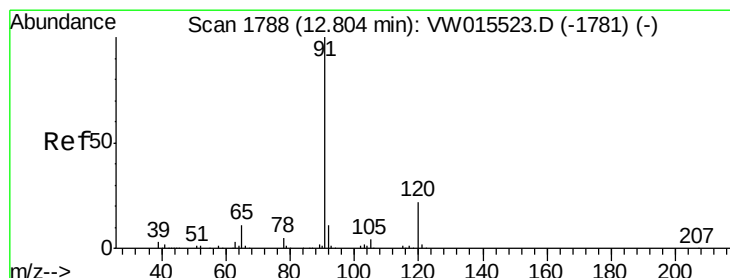
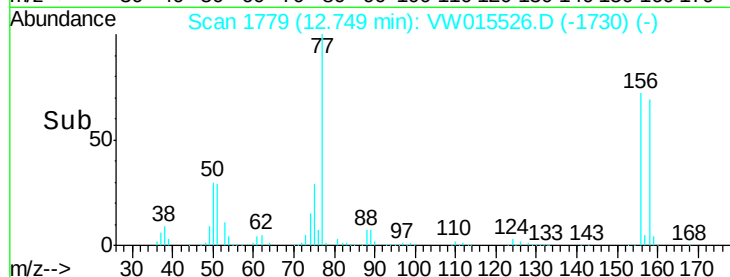
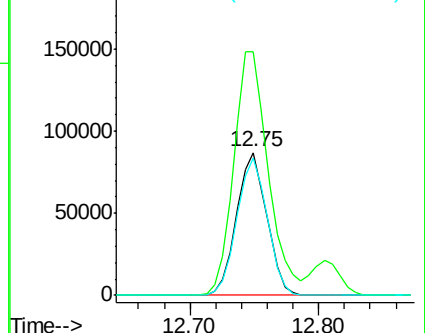
158 97.2 48.5 145.6



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: 50.830 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015526.D

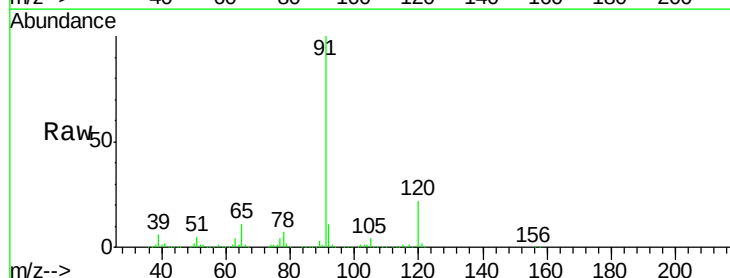
Acq: 02 Jun 2020 14:07

Tgt Ion: 91 Resp: 805172

Ion Ratio Lower Upper

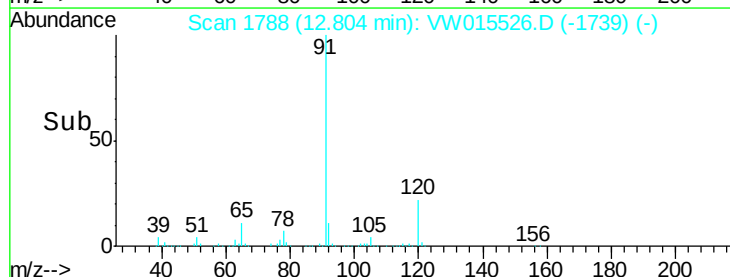
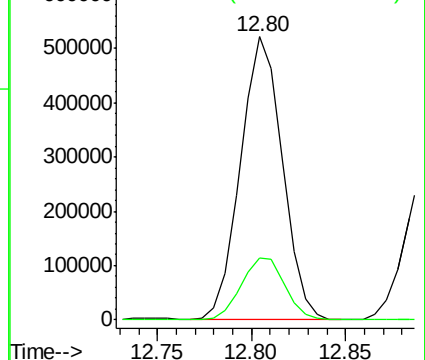
91 100

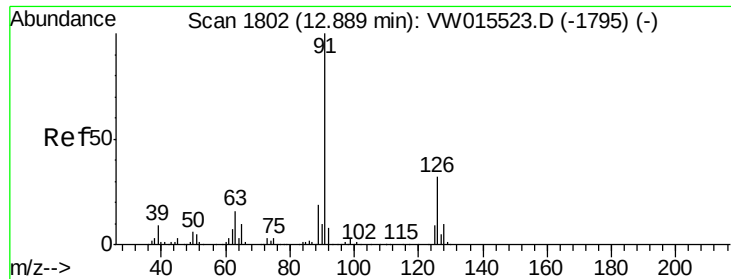
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

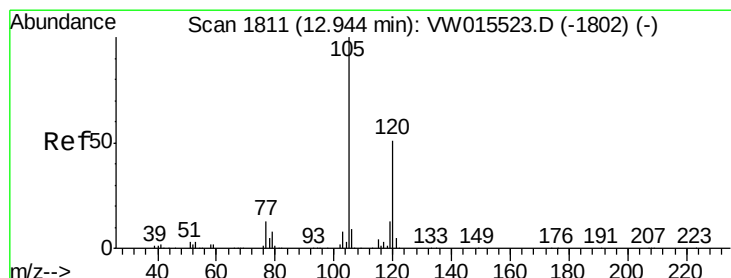
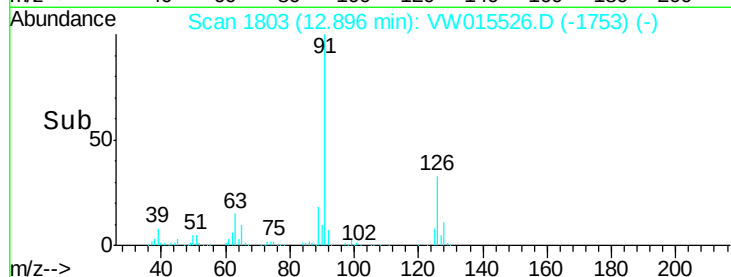
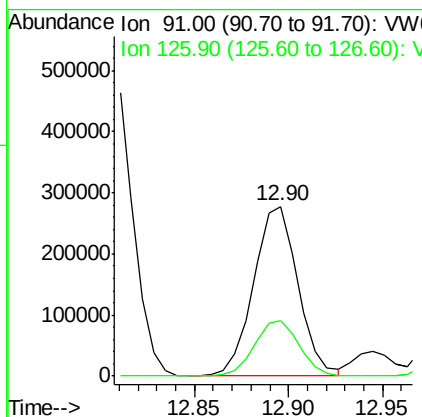
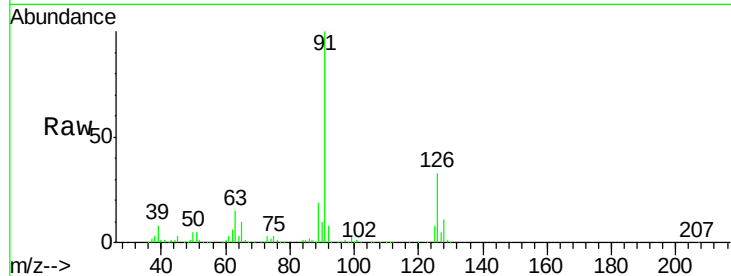




#79
2-Chlorotoluene
Concen: 50.409 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

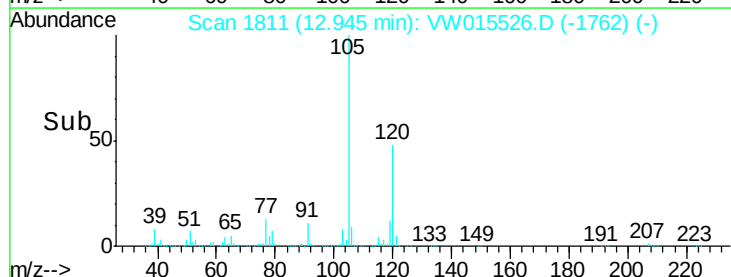
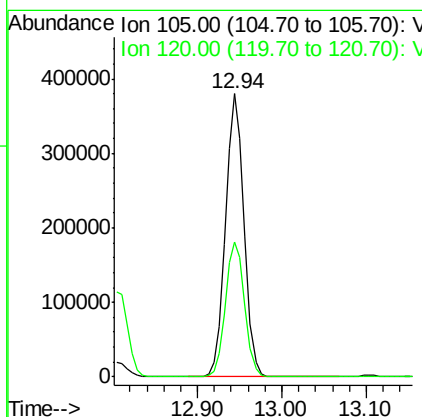
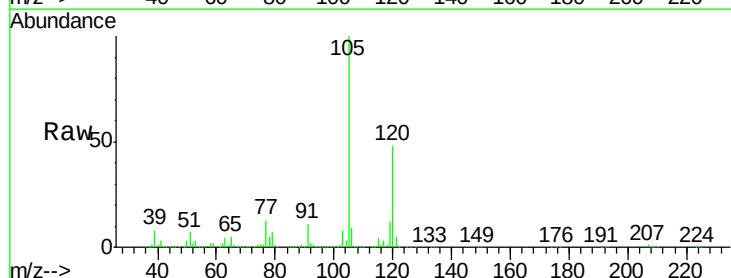
Instrument :
MSVOA_W
ClientSampled :

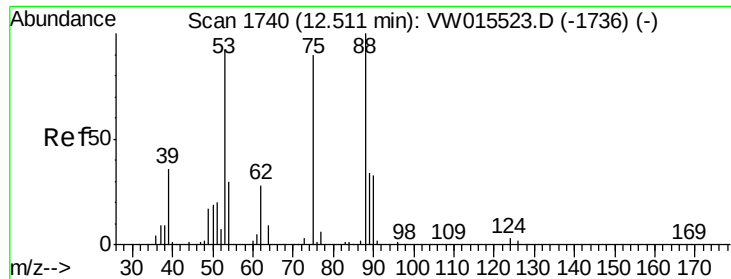
Tot Ion: 91 Resp: 453241
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 51.138 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 105 Resp: 571384
Ion Ratio Lower Upper
105 100
120 49.1 24.7 74.1

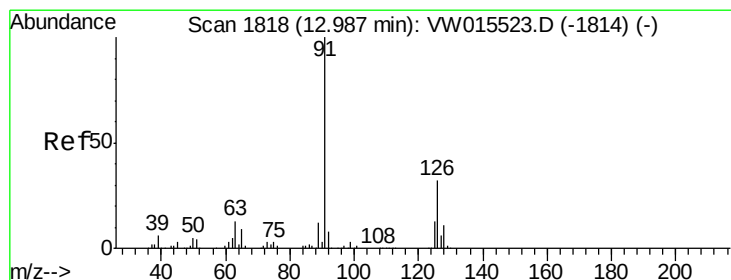
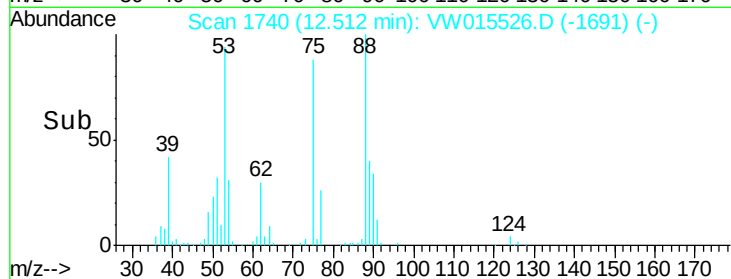
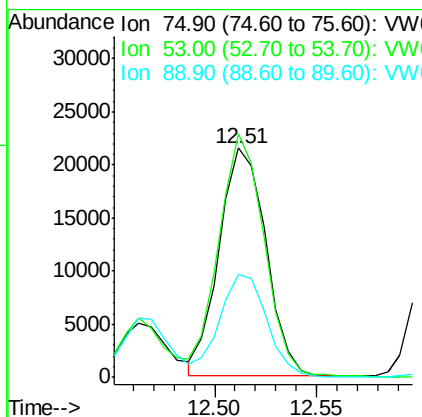
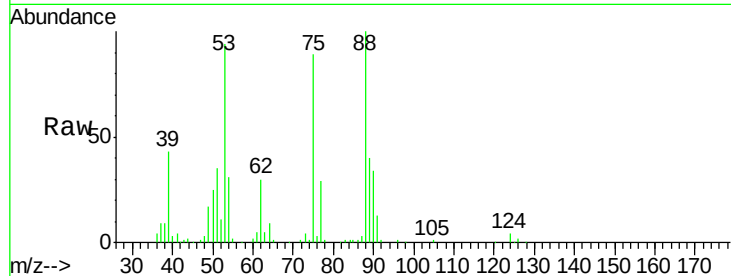




#81
trans-1,4-Dichloro-2-butene
Concen: 50.223 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

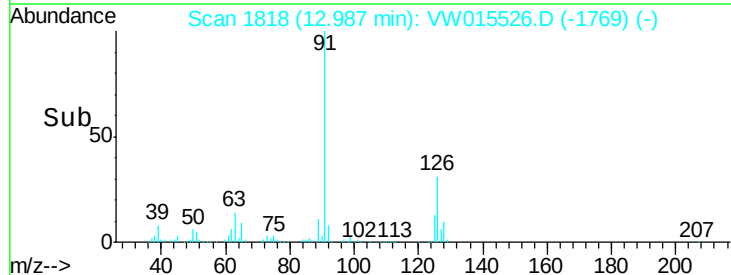
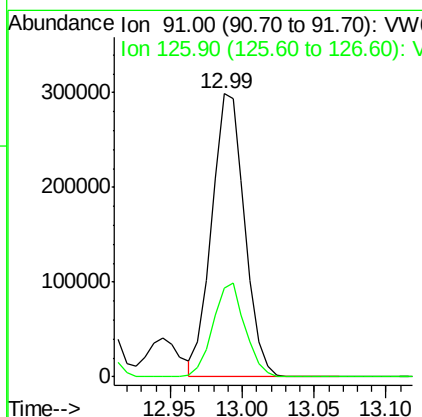
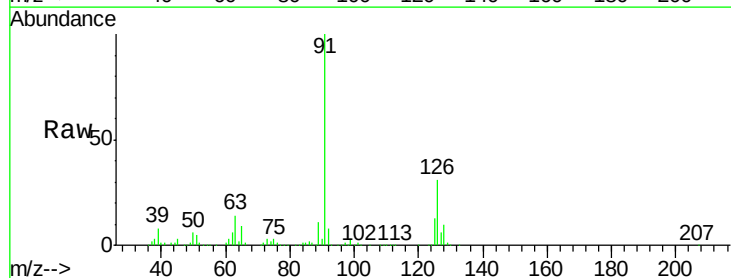
Instrument :
MSVOA_W
ClientSampled :

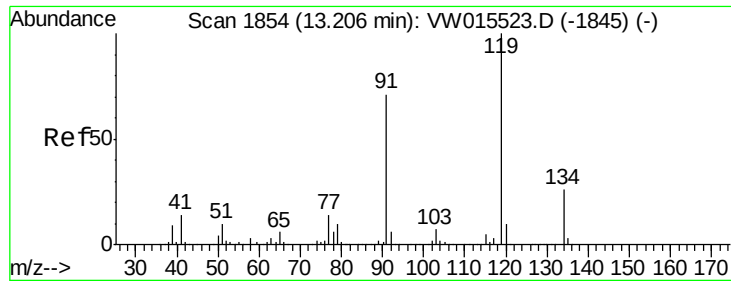
Tot Ion: 75 Resp: 34096
Ion Ratio Lower Upper
75 100
53 104.6 84.0 126.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.327 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 91 Resp: 476462
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

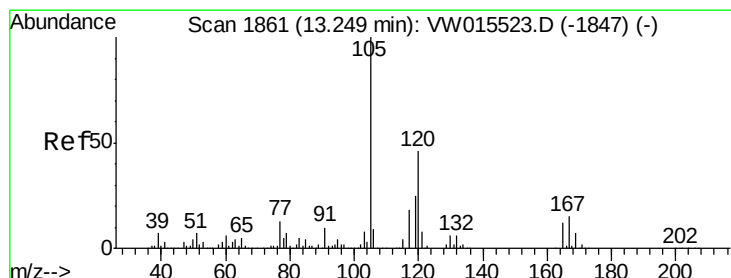
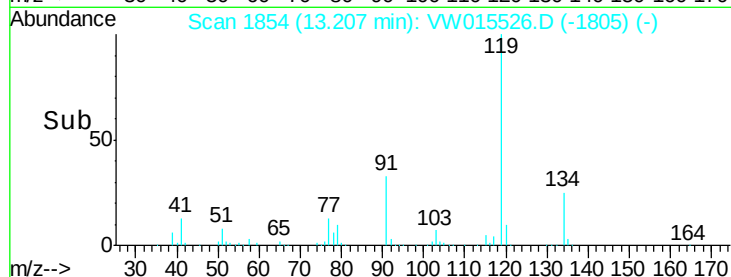
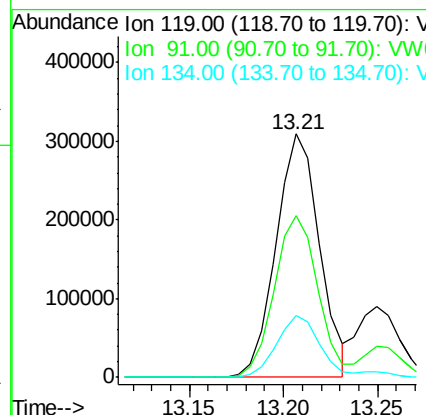
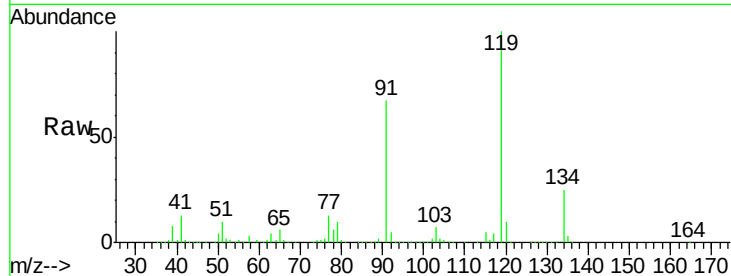




#83
tert-Butylbenzene
Concen: 51.893 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

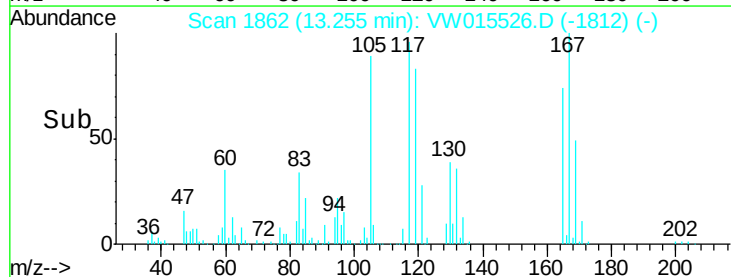
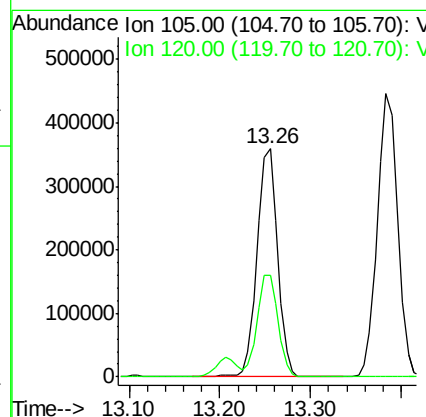
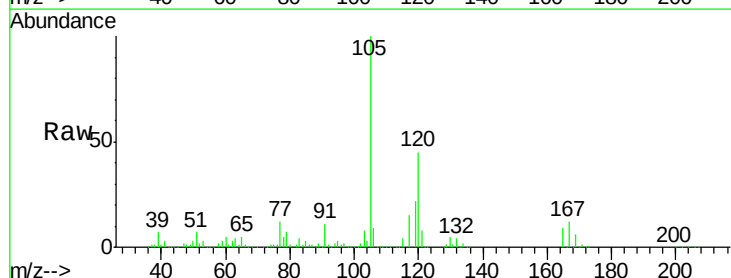
Instrument :
MSVOA_W
ClientSampled :

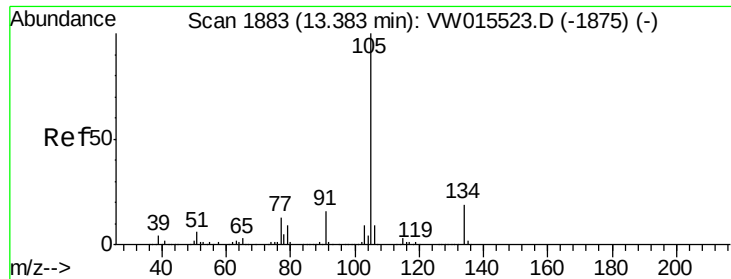
Tot Ion:119 Resp: 494834
Ion Ratio Lower Upper
119 100
91 67.3 34.2 102.5
134 25.1 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 50.617 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:105 Resp: 565177
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.587 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

Instrument :

MSVOA_W

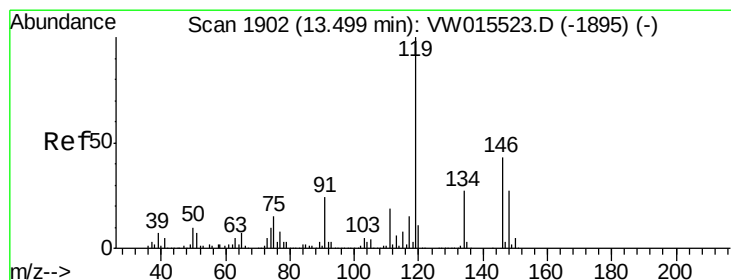
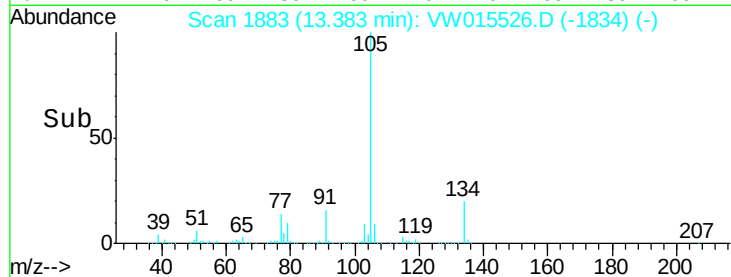
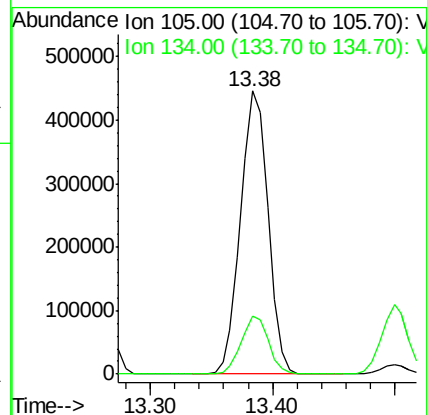
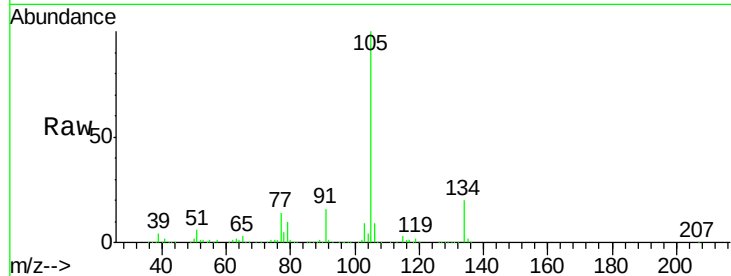
ClientSampleId :

Tot Ion:105 Resp: 694208

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 51.695 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015526.D

Acq: 02 Jun 2020 14:07

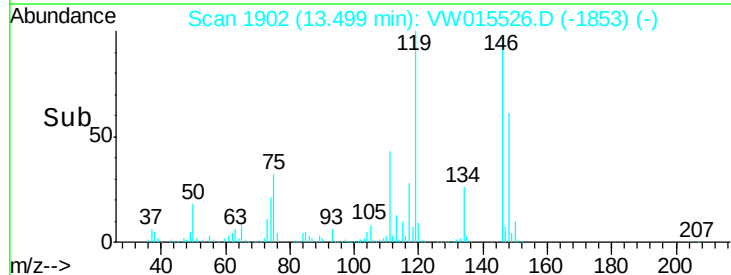
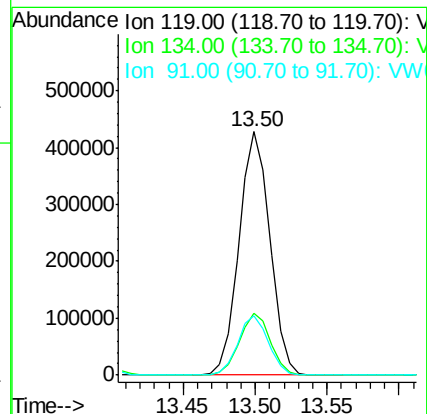
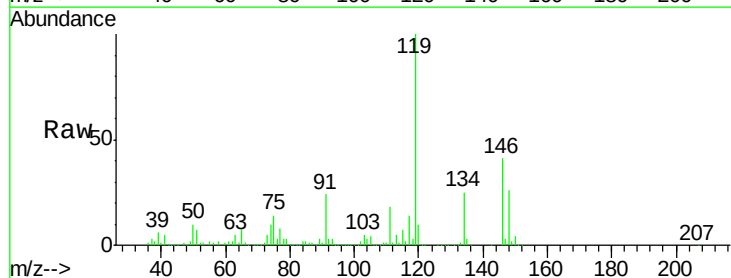
Tgt Ion:119 Resp: 637210

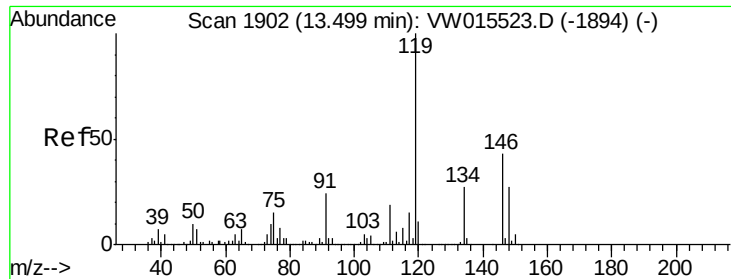
Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

91 24.0 12.0 36.0

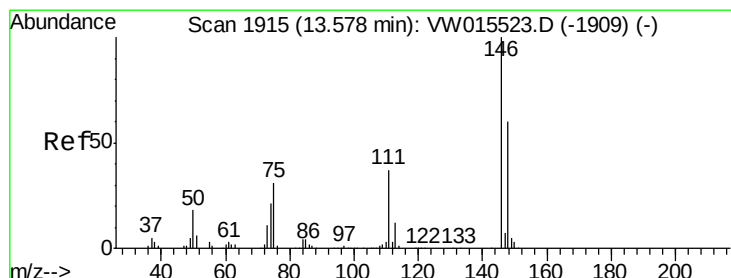
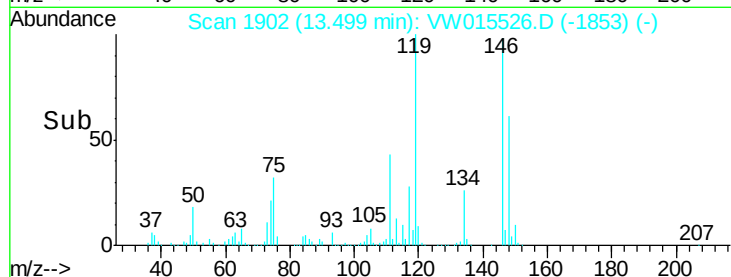
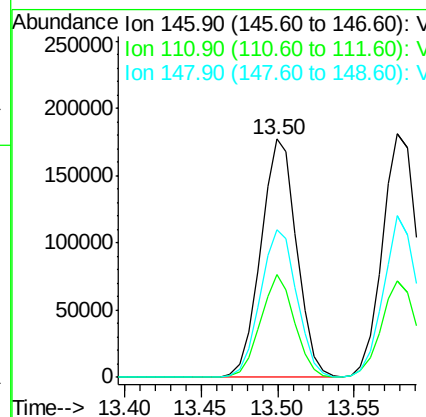
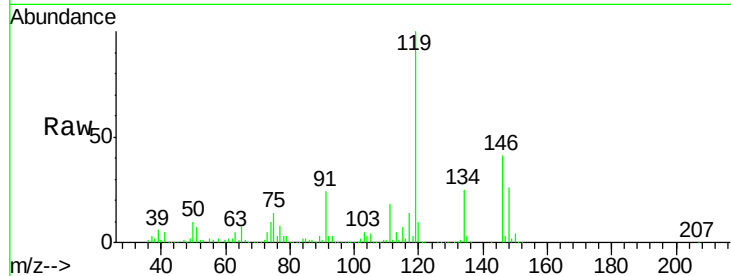




#87
 1,3-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

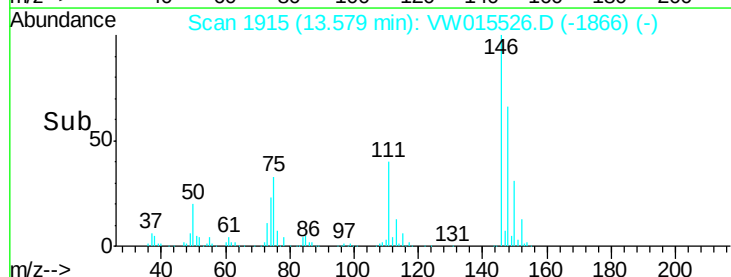
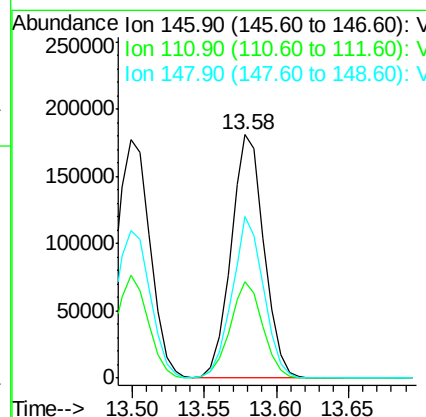
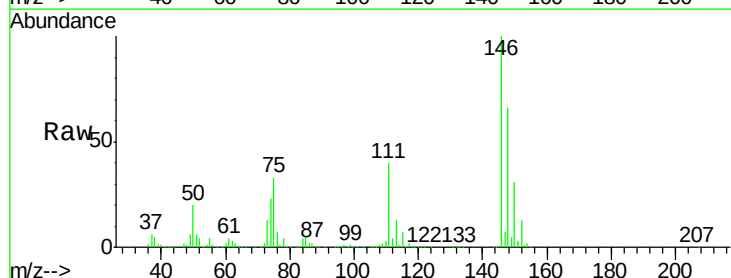
Instrument :
 MSVOA_W
 ClientSampleId :

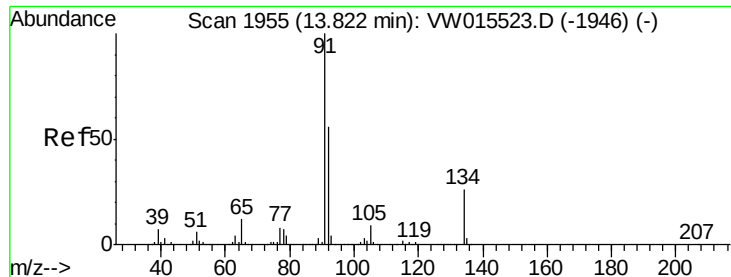
Tot Ion:146 Resp: 288852
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.5
 148 63.2 31.2 93.6



#88
 1,4-Dichlorobenzene
 Concen: 51.149 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion:146 Resp: 289441
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 63.5 30.9 92.7

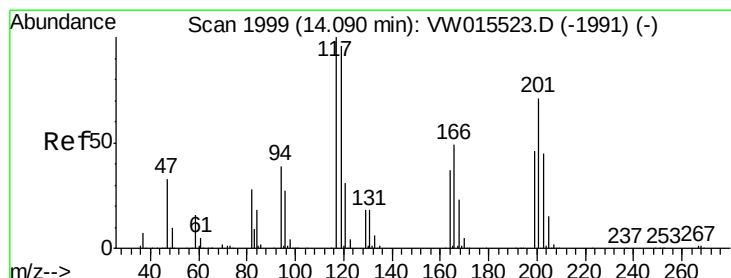
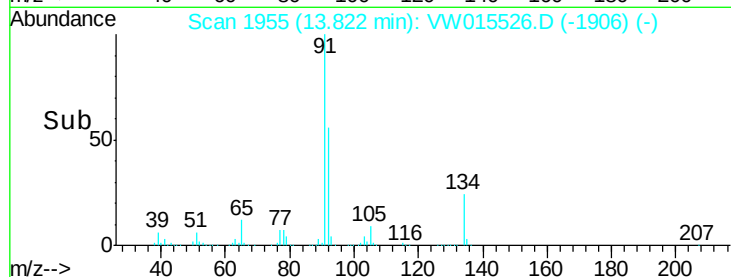
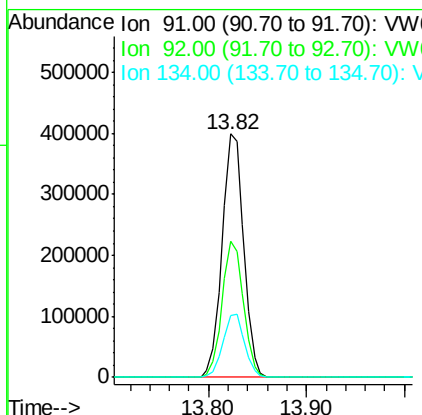
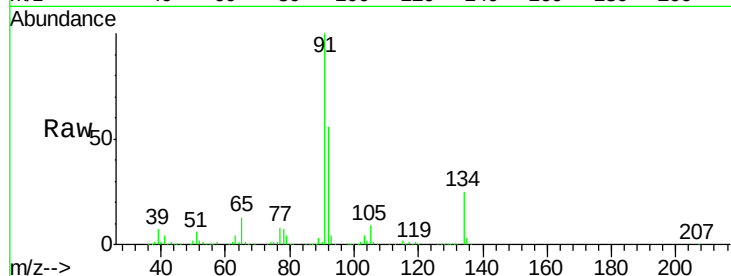




#89
n-Butylbenzene
Concen: 51.519 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

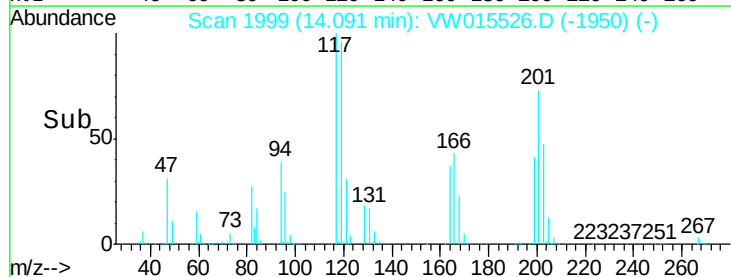
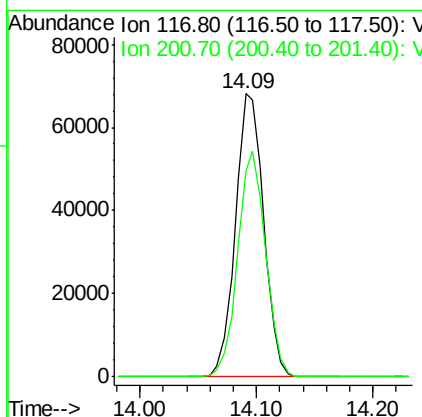
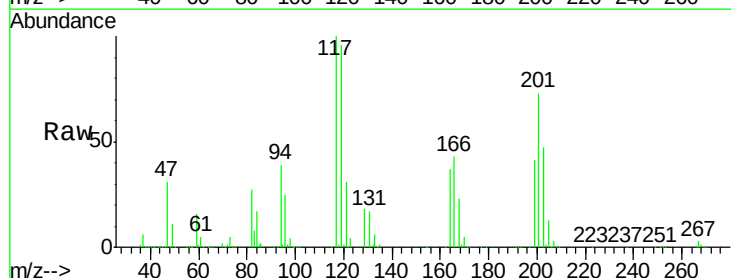
Instrument :
MSVOA_W
ClientSampled :

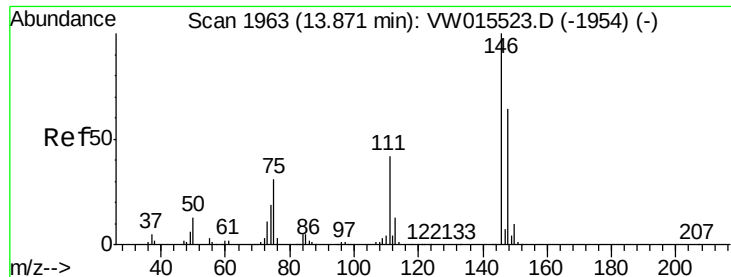
Tot Ion: 91 Resp: 609599
Ion Ratio Lower Upper
91 100
92 55.4 27.3 81.9
134 26.1 13.1 39.1



#90
Hexachloroethane
Concen: 50.770 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion: 117 Resp: 115120
Ion Ratio Lower Upper
117 100
201 78.8 38.5 115.3

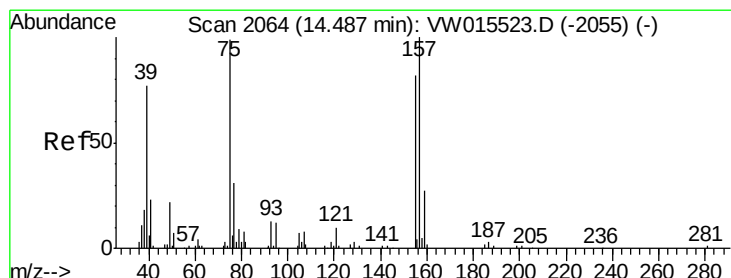
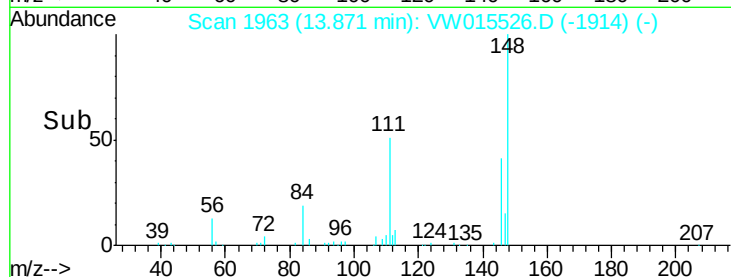
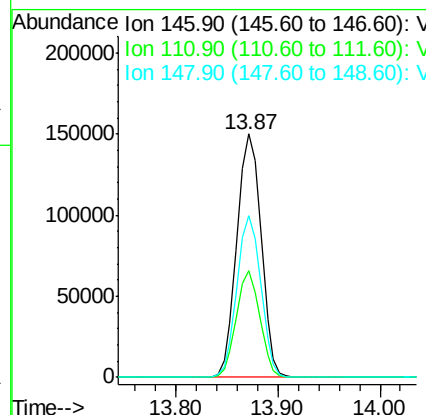
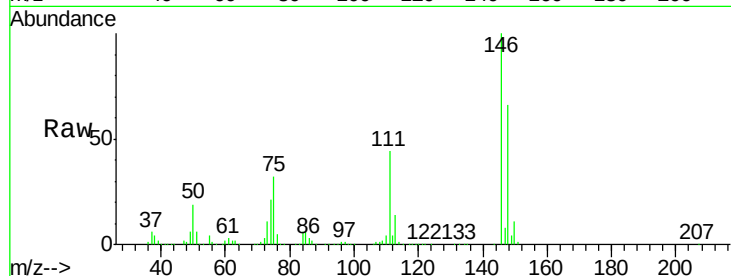




#91
 1,2-Dichlorobenzene
 Concen: 49.718 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

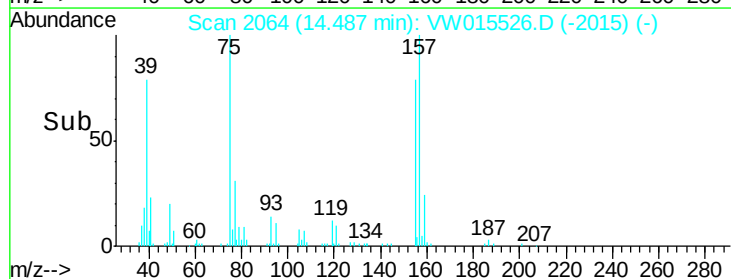
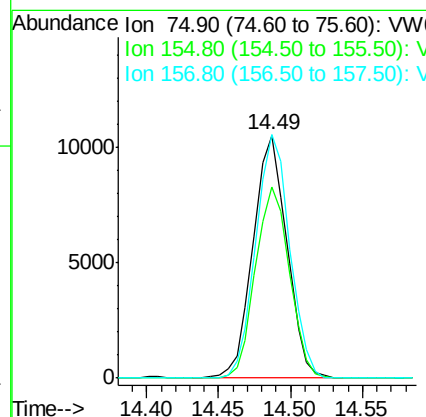
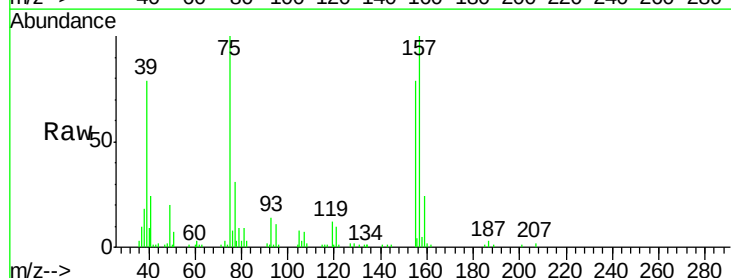
Instrument :
 MSVOA_W
 ClientSampleId :

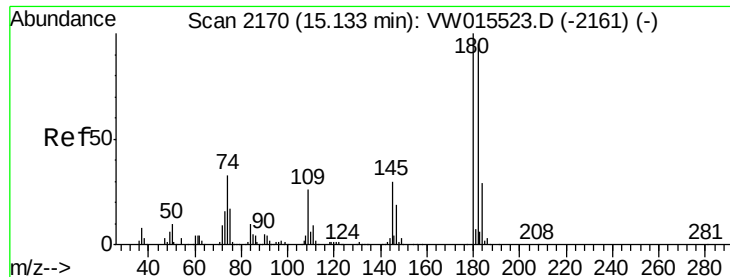
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.9	62.8
148	65.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.336 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	40.4	121.1
157	100.5	50.5	151.6

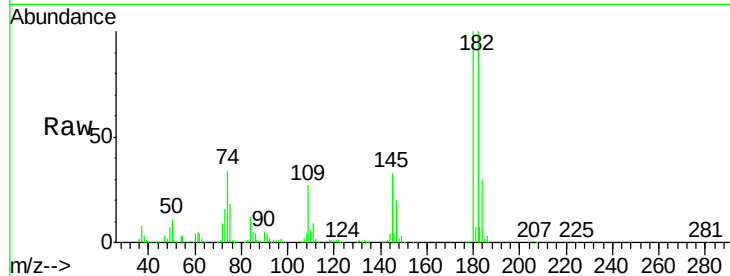




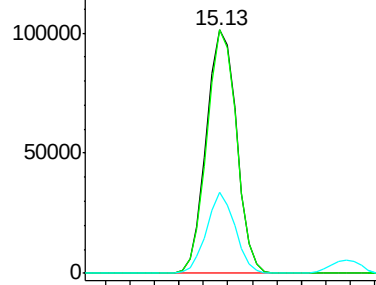
#93
 1,2,4-Trichlorobenzene
 Concen: 50.951 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

Instrument :
 MSVOA_W
 ClientSampleId :

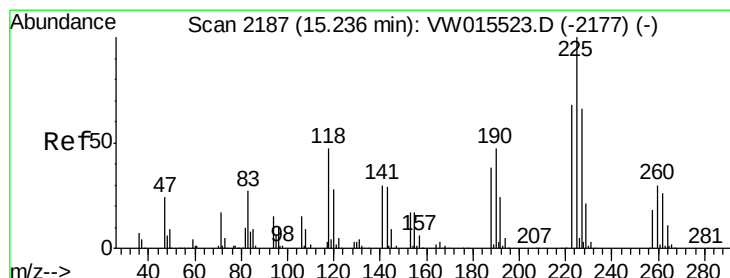
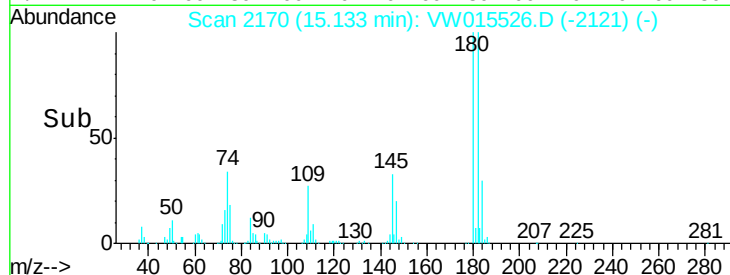
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.7	143.1
145	31.2	15.4	46.2



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

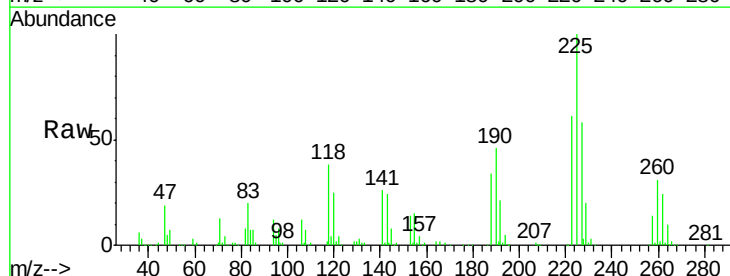


Time-->

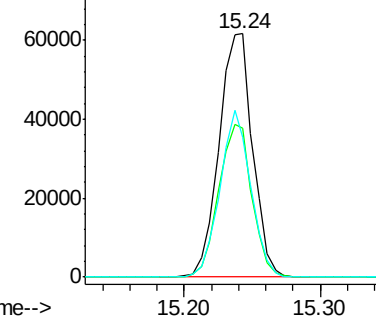


#94
 Hexachlorobutadiene
 Concen: 51.288 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW015526.D
 Acq: 02 Jun 2020 14:07

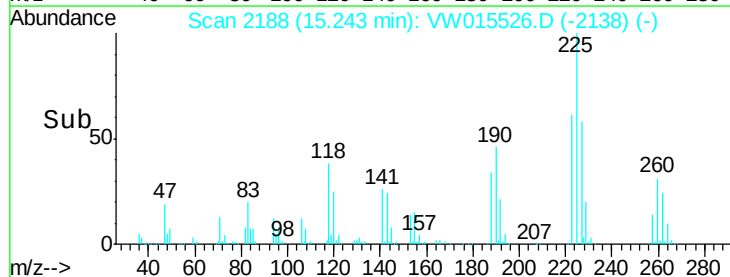
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.1	32.6	97.8

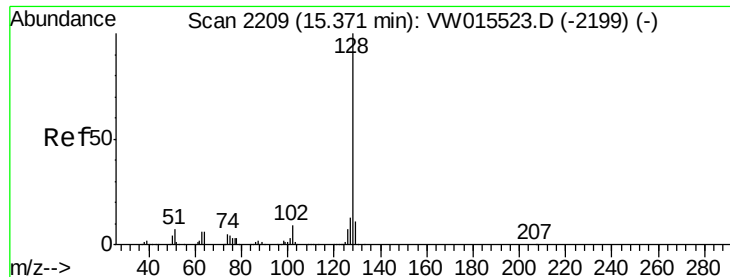


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

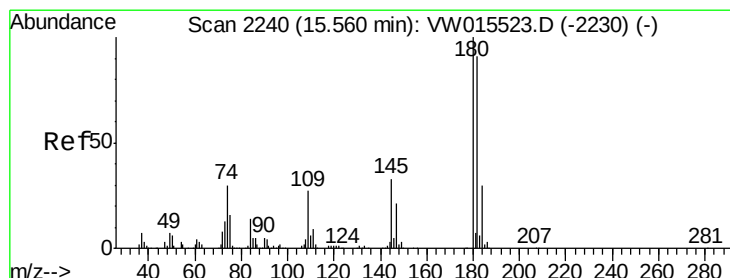
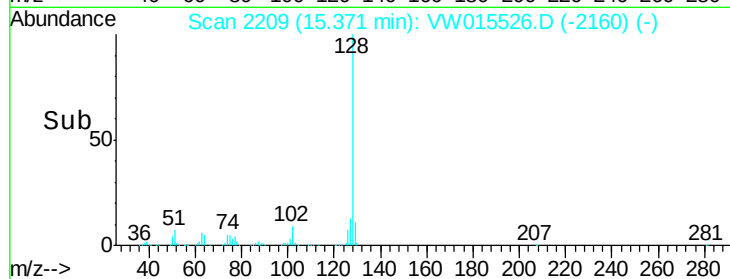
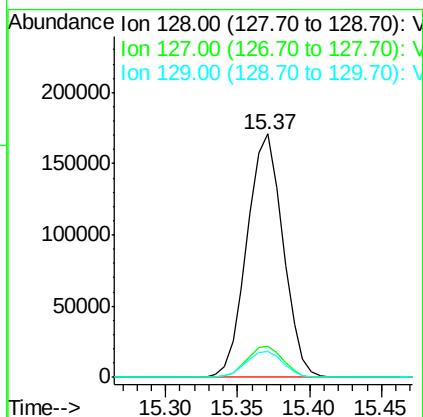
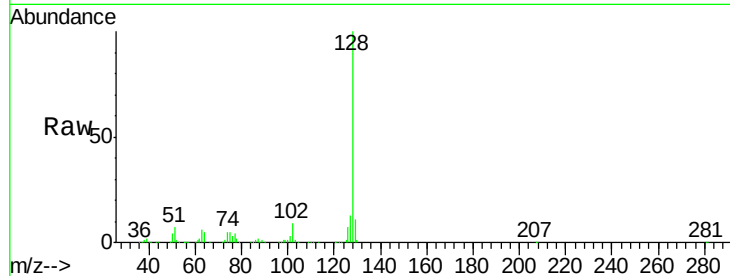




#95
Naphthalene
Concen: 51.209 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 295040
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.072 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015526.D
Acq: 02 Jun 2020 14:07

Tgt Ion:180 Resp: 146554
Ion Ratio Lower Upper
180 100
182 92.7 47.1 141.4
145 32.2 16.3 48.8

