

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015523.D
 Acq On : 02 Jun 2020 12:36
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 13:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 12:43:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170625	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	124603	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	7.88	113	108586	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	10.32	98	433110	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	161671	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	69130	51.937	ug/l	100
3) Chloromethane	2.21	50	75953	45.907	ug/l	100
4) Vinyl Chloride	2.37	62	126479	50.269	ug/l	100
5) Bromomethane	2.78	94	88052	44.780	ug/l	100
6) Chloroethane	2.93	64	82998	47.908	ug/l	100
7) Trichlorofluoromethane	3.26	101	97982	52.724	ug/l	100
8) Diethyl Ether	3.68	74	59939	51.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113703	52.464	ug/l	100
10) Methyl Iodide	4.27	142	170906	52.156	ug/l	100
11) Tert butyl alcohol	5.17	59	46923	305.547	ug/l	100
12) 1,1-Dichloroethene	4.04	96	114406	51.172	ug/l	100
13) Acrolein	3.89	56	38282	212.383	ug/l	100
14) Allyl chloride	4.67	41	197752	50.534	ug/l	100
15) Acrylonitrile	5.37	53	134045	278.875	ug/l	100
16) Acetone	4.12	43	164365	375.038	ug/l	100
17) Carbon Disulfide	4.38	76	345384	50.615	ug/l	100
18) Methyl Acetate	4.67	43	58894	54.929	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	194162	53.532	ug/l	100
20) Methylene Chloride	4.92	84	126382	48.676	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	132439	52.048	ug/l	100
22) Diisopropyl ether	6.32	45	389730	50.990	ug/l	100
23) Vinyl Acetate	6.26	43	1221294	261.540	ug/l	100
24) 1,1-Dichloroethane	6.21	63	236922	51.607	ug/l	100
25) 2-Butanone	7.17	43	197538	307.246	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157891	51.702	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	146482	52.859	ug/l	100
28) Bromochloromethane	7.51	49	87902	48.218	ug/l	100
29) Tetrahydrofuran	7.53	42	113253	275.637	ug/l	100
30) Chloroform	7.68	83	238321	52.128	ug/l	100
31) Cyclohexane	7.96	56	216565	46.989	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	203368	52.974	ug/l	100
36) 1,1-Dichloropropene	8.09	75	192372	52.838	ug/l	100
37) Ethyl Acetate	7.26	43	81699	56.984	ug/l	100
38) Carbon Tetrachloride	8.07	117	193439	56.162	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241583	52.398	ug/l	100
40) Benzene	8.32	78	527398	52.894	ug/l	100
41) Methacrylonitrile	7.49	41	50193	54.892	ug/l	100
42) 1,2-Dichloroethane	8.40	62	166342	54.457	ug/l	100
43) Isopropyl Acetate	8.43	43	165987	55.007	ug/l	100
44) Trichloroethene	9.09	130	139619	53.946	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130392	52.910	ug/l	100
46) Dibromomethane	9.46	93	69288	55.843	ug/l	100
47) Bromodichloromethane	9.65	83	182601	54.472	ug/l	100
48) Methyl methacrylate	9.44	41	77038	55.520	ug/l	100
49) 1,4-Dioxane	9.44	88	21176	1318.450	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	398660	281.531	ug/l	100
52) Toluene	10.39	92	342386	52.961	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	187806	54.849	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	214606	53.509	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	96581	55.168	ug/l	100
56) Ethyl methacrylate	10.65	69	130730	54.671	ug/l	100
57) 1,3-Dichloropropane	10.93	76	170253	54.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	284809	250.213	ug/l	100
59) 2-Hexanone	10.97	43	287879	297.138	ug/l	100
60) Dibromochloromethane	11.13	129	119222	56.509	ug/l	100
61) 1,2-Dibromoethane	11.24	107	93765	56.502	ug/l	100
64) Tetrachloroethene	10.87	164	113999	54.429	ug/l	100
65) Chlorobenzene	11.66	112	360560	53.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129381	54.000	ug/l	100
67) Ethyl Benzene	11.73	91	680100	52.804	ug/l	100
68) m/p-Xylenes	11.84	106	513532	107.098	ug/l	100
69) o-Xylene	12.16	106	241869	53.761	ug/l	100
70) Styrene	12.18	104	416872	53.823	ug/l	100
71) Bromoform	12.35	173	67019	57.118	ug/l #	100
73) Isopropylbenzene	12.46	105	680132	52.681	ug/l	100
74) N-amyl acetate	12.27	43	159586	52.174	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	112174	54.995	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	153084	108.968	ug/l #	100
77) Bromobenzene	12.75	156	149445	54.240	ug/l	100
78) n-propylbenzene	12.80	91	813839	52.614	ug/l	100
79) 2-Chlorotoluene	12.89	91	463279	53.074	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	572151	52.751	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38995	53.964	ug/l	100
82) 4-Chlorotoluene	12.99	91	480640	52.137	ug/l	100
83) tert-Butylbenzene	13.21	119	487410	52.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	577952	53.230	ug/l	100
85) sec-Butylbenzene	13.38	105	693774	53.208	ug/l	100
86) p-Isopropyltoluene	13.50	119	635093	53.409	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	293413	53.860	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	295141	54.482	ug/l	100
89) n-Butylbenzene	13.82	91	608911	52.582	ug/l	100
90) Hexachloroethane	14.09	117	116067	52.864	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	260052	54.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19578	54.936	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jun 02 12:43:18 2020
Response via : Initial Calibration

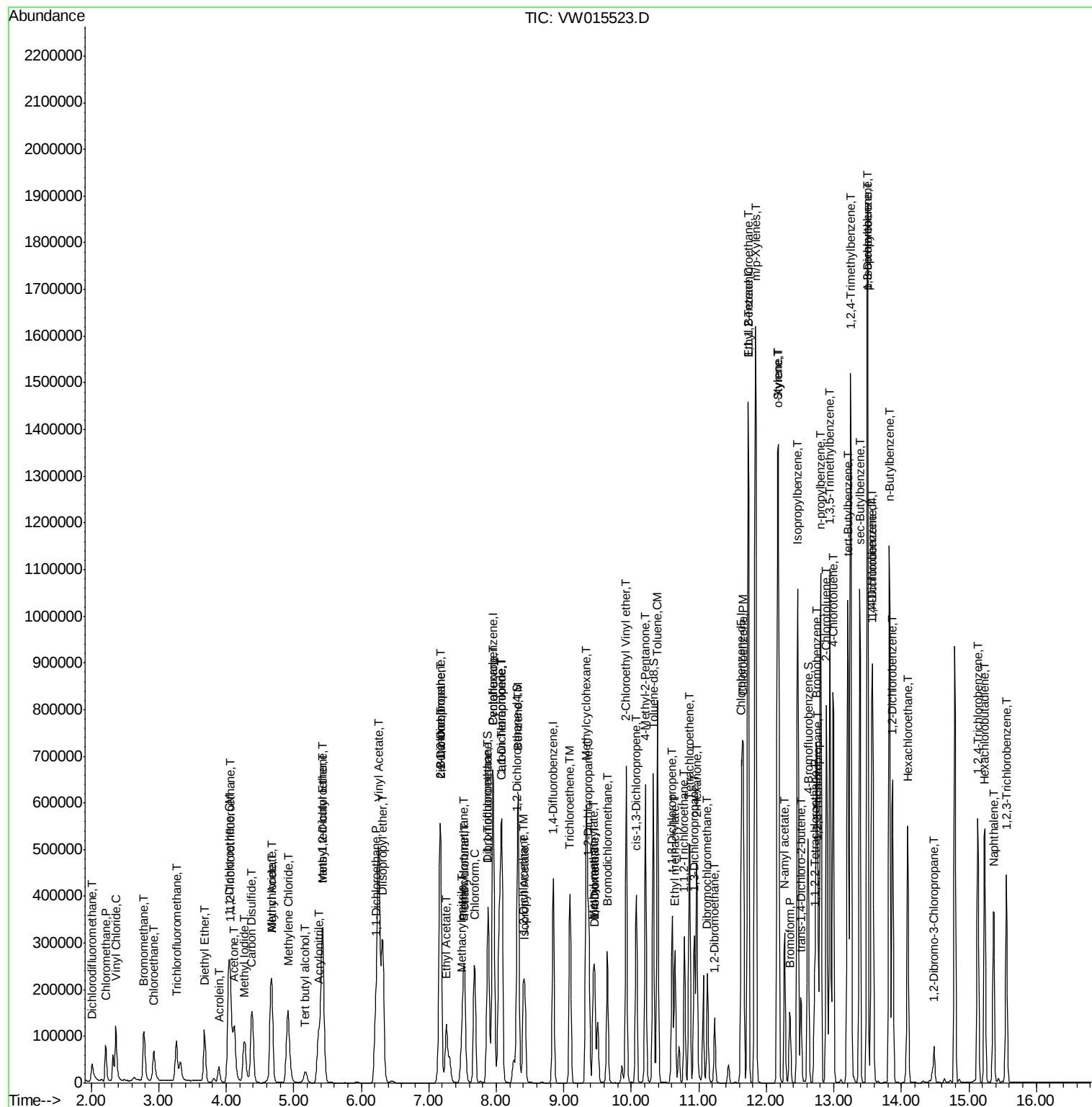
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	175922	55.015	ug/l	100
94) Hexachlorobutadiene	15.24	225	104611	55.243	ug/l	100
95) Naphthalene	15.37	128	322981	56.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	151769	55.116	ug/l	100

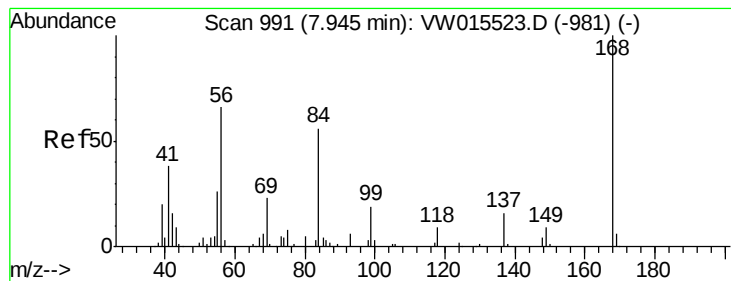
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

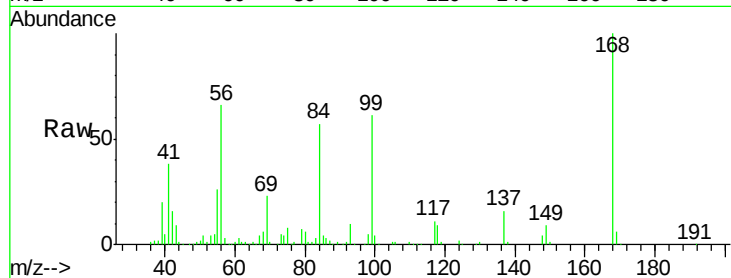
ClientSampled :

Tot Ion:168 Resp: 229648

Ion Ratio Lower Upper

168 100

99 60.8 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

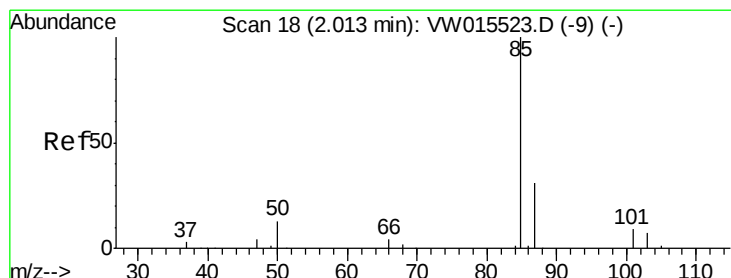
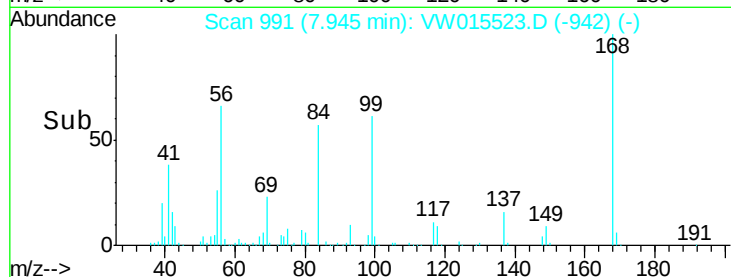
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.937 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015523.D

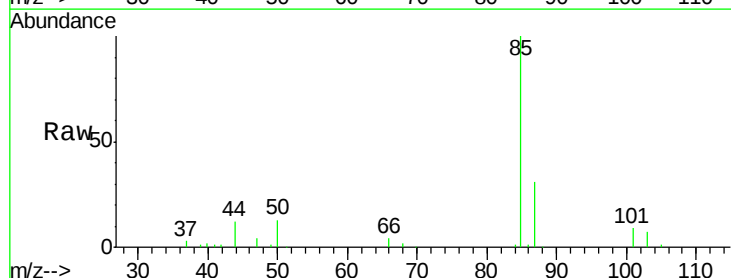
Acq: 02 Jun 2020 12:36

Tgt Ion: 85 Resp: 69130

Ion Ratio Lower Upper

85 100

87 31.0 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

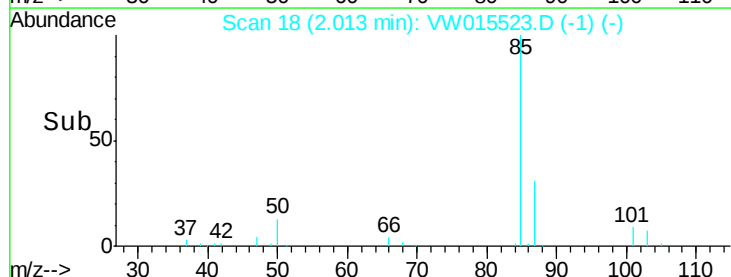
10000

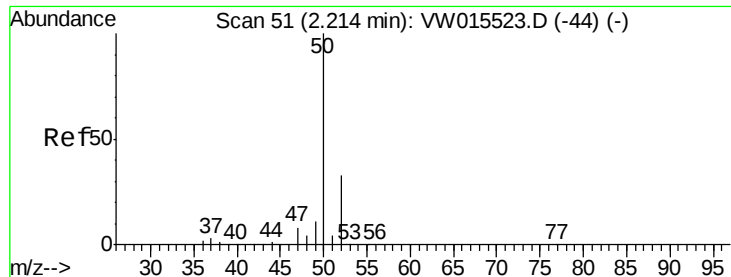
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->

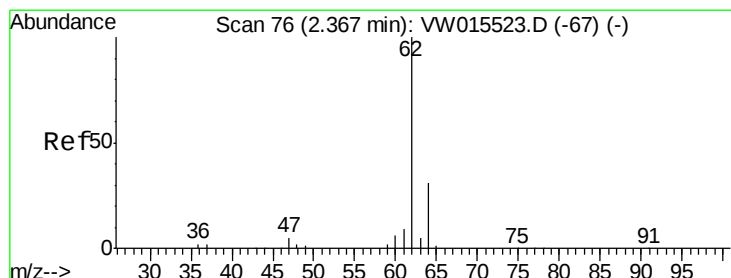
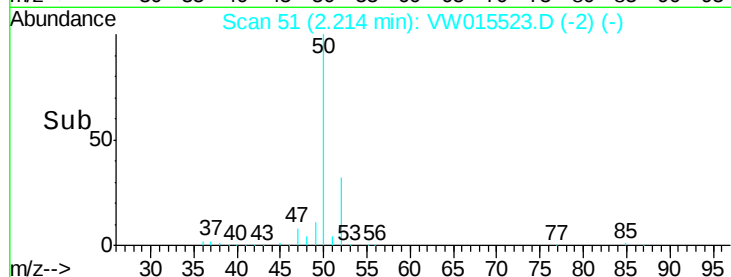
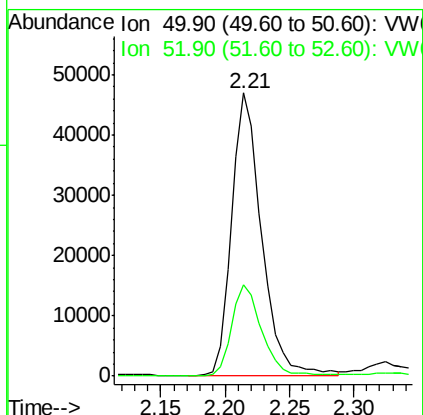
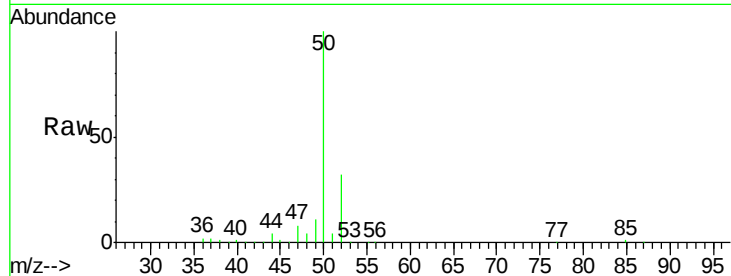




#3
Chloromethane
Concen: 45.907 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

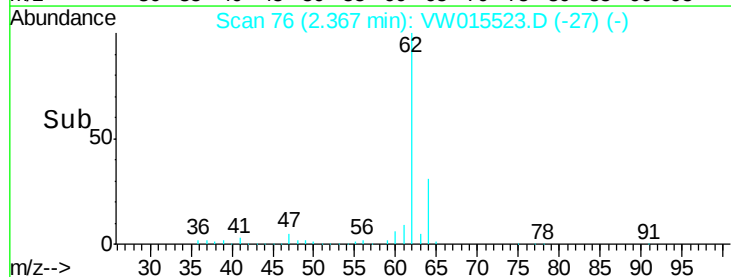
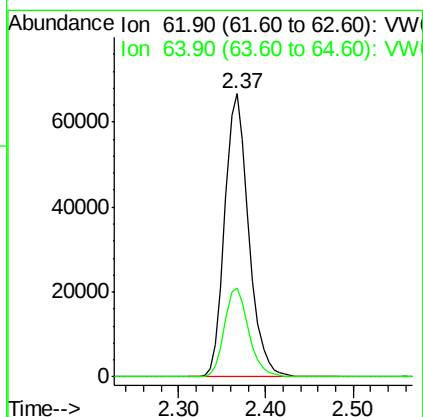
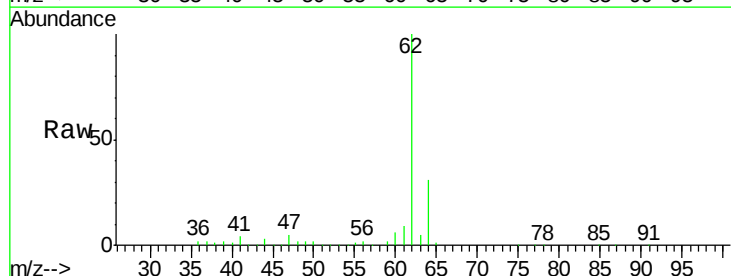
Instrument :
MSVOA_W
ClientSampled :

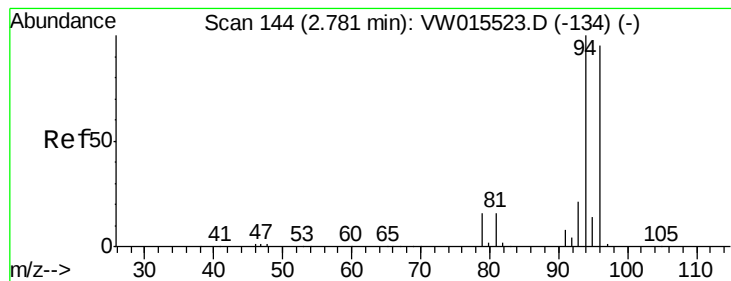
Tot Ion: 50 Resp: 75953
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 50.269 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 62 Resp: 126479
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5

Bromomethane

Concen: 44.780 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

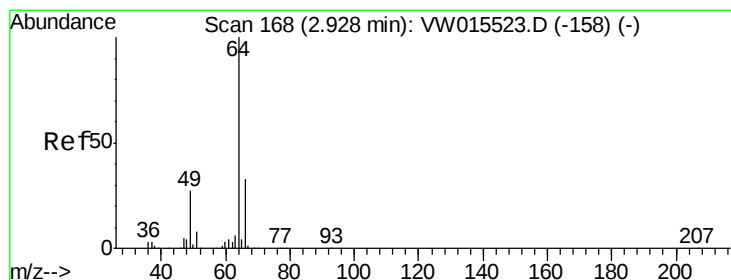
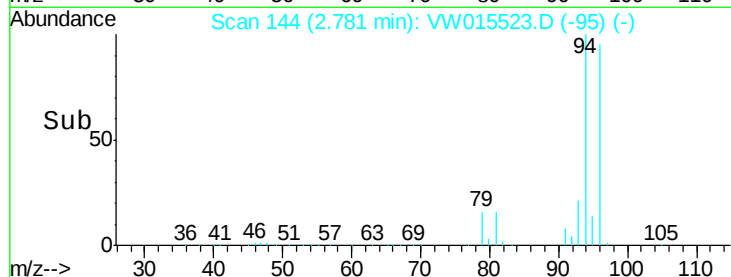
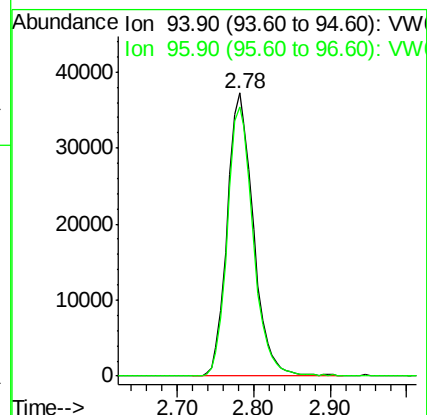
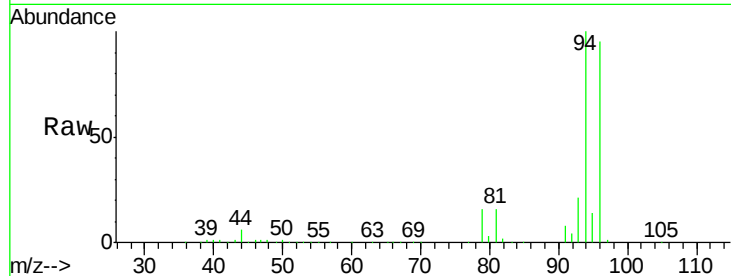
ClientSampled :

Tot Ion: 94 Resp: 88052

Ion Ratio Lower Upper

94 100

96 95.0 76.0 114.0



#6

Chloroethane

Concen: 47.908 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015523.D

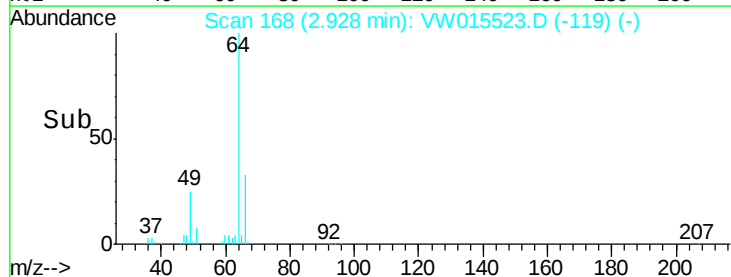
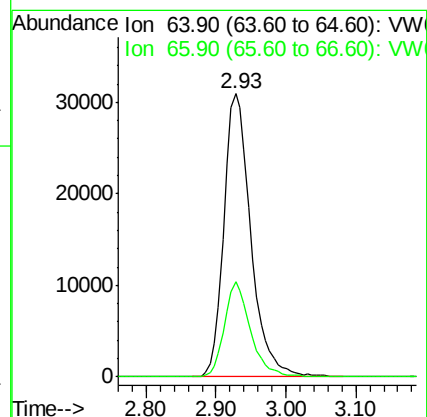
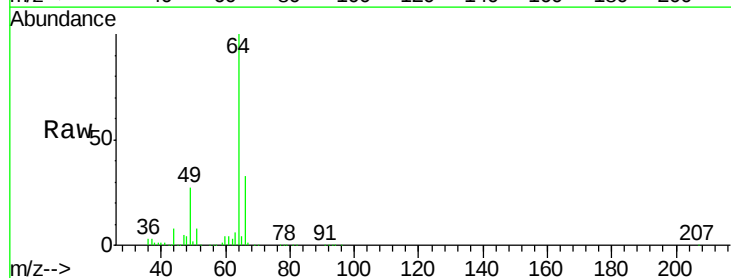
Acq: 02 Jun 2020 12:36

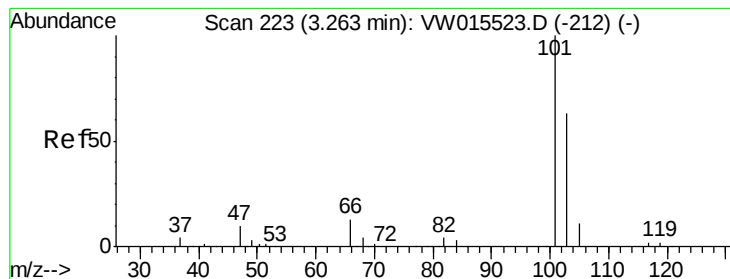
Tgt Ion: 64 Resp: 82998

Ion Ratio Lower Upper

64 100

66 33.5 26.8 40.2



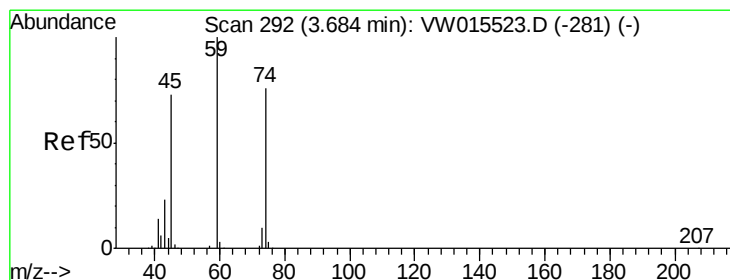
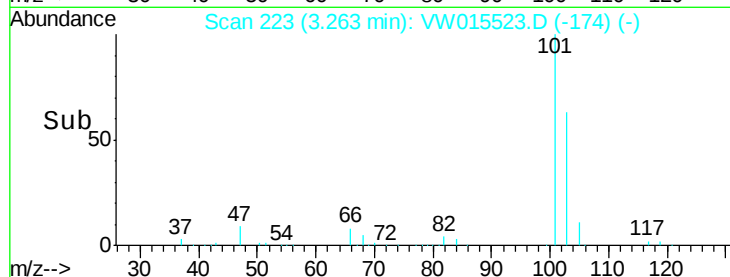
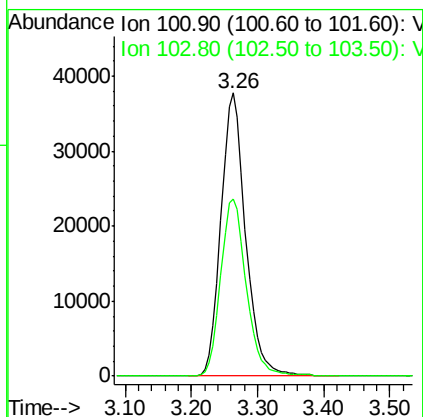
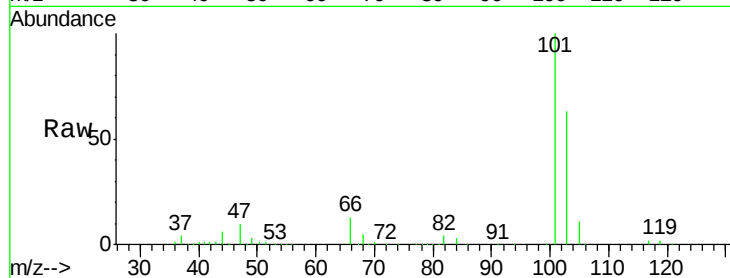


#7

Trichlorofluoromethane
 Concen: 52.724 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Instrument :
 MSVOA_W
 ClientSampleId :

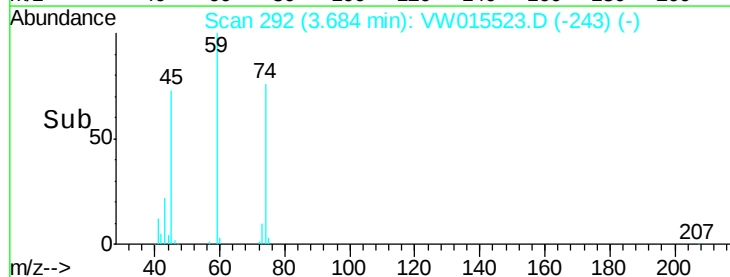
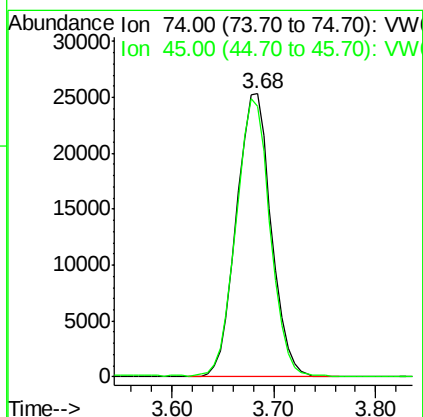
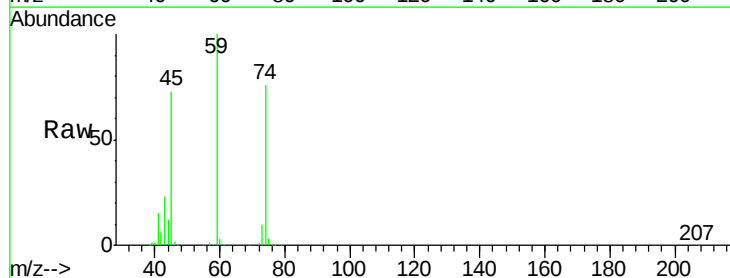
Tot Ion:101 Resp: 97982
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.2 75.2

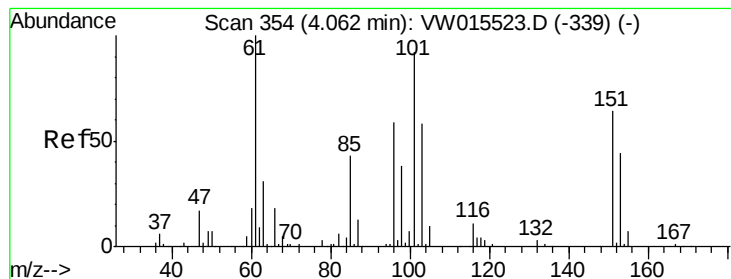


#8

Diethyl Ether
 Concen: 51.191 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 74 Resp: 59939
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.464 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

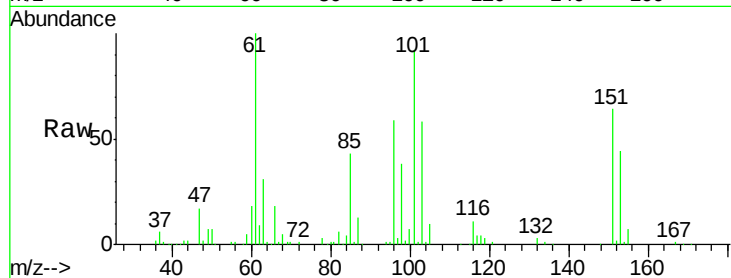
Tot Ion:101 Resp: 113703

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

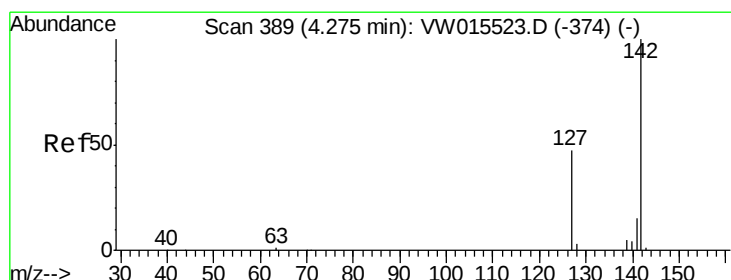
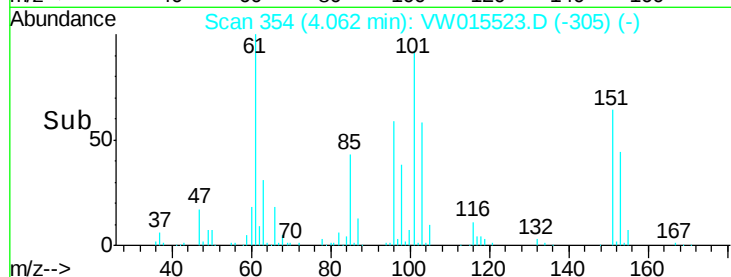
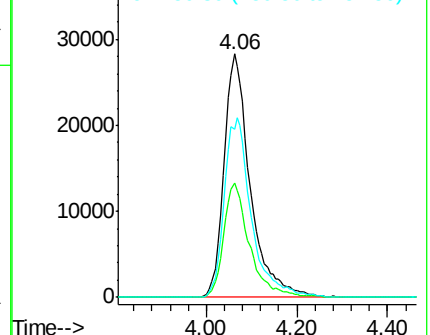
151 76.4 61.1 91.7



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: 52.156 ug/l

RT: 4.27 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

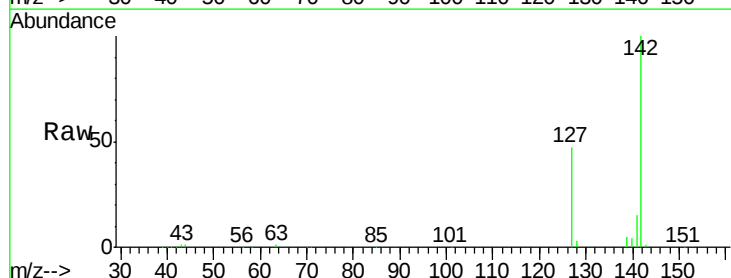
Tgt Ion:142 Resp: 170906

Ion Ratio Lower Upper

142 100

127 46.1 36.9 55.3

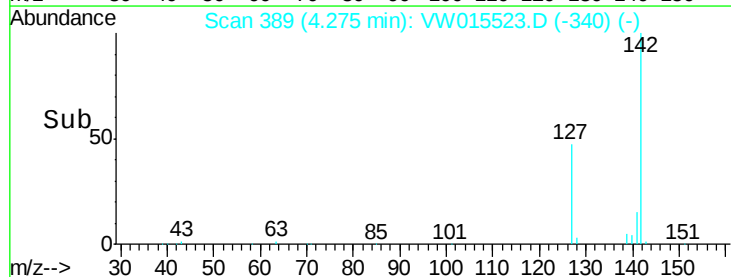
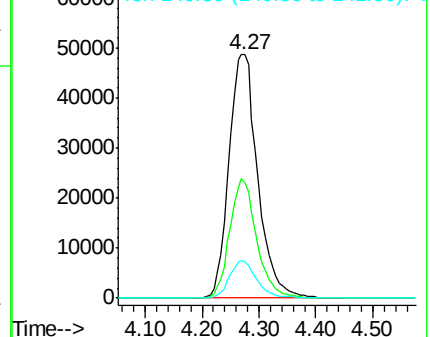
141 14.6 11.7 17.5

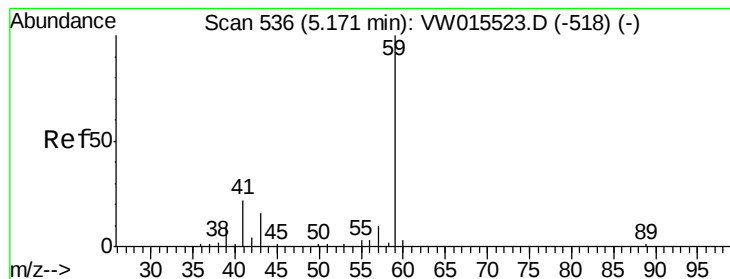


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



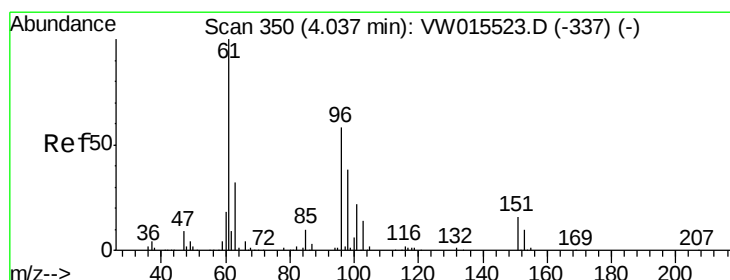
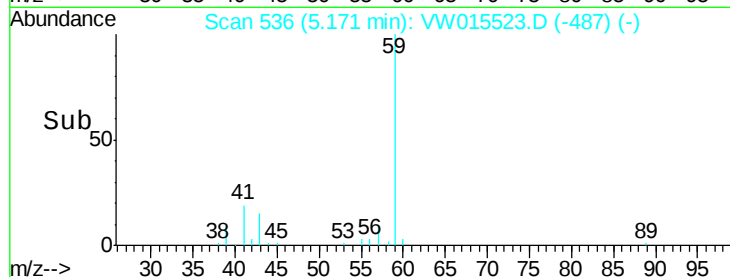
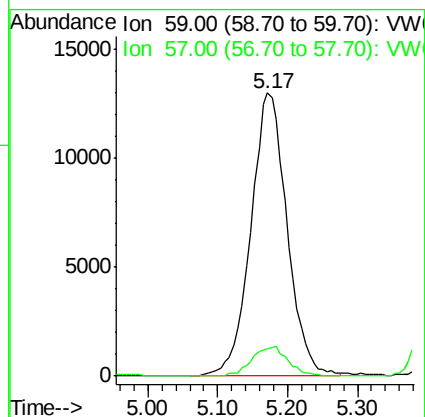
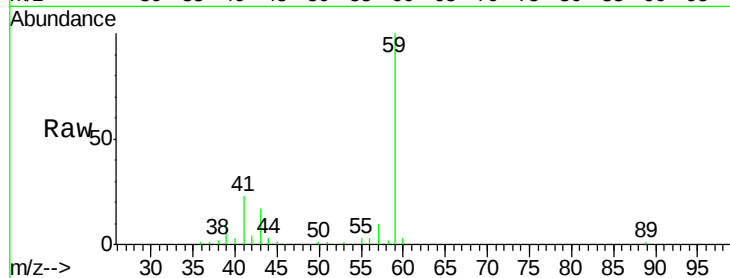


#11

Tert butyl alcohol
Concen: 305.547 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Instrument :
MSVOA_W
ClientSampled :

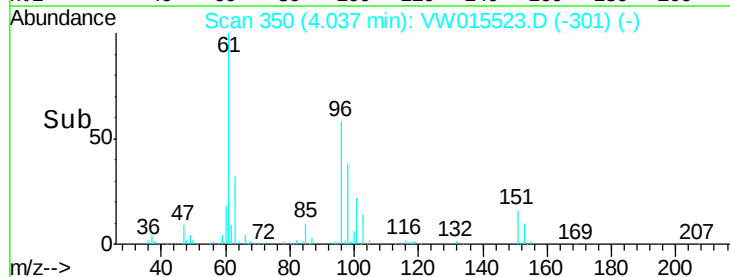
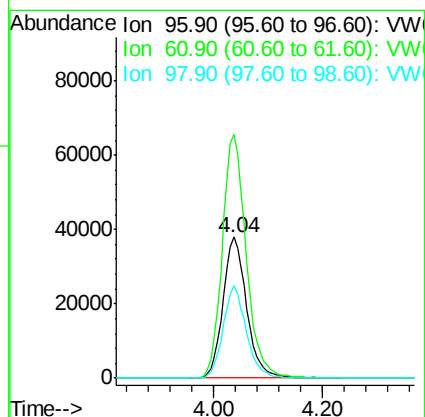
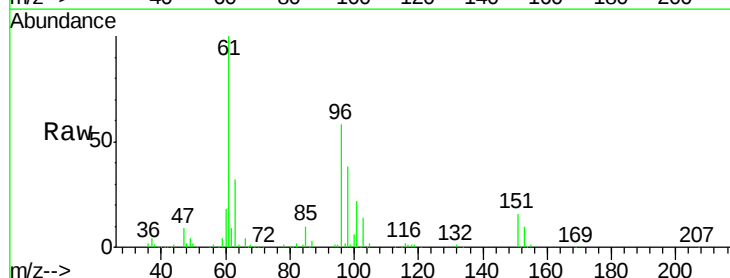
Tot Ion: 59 Resp: 46923
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

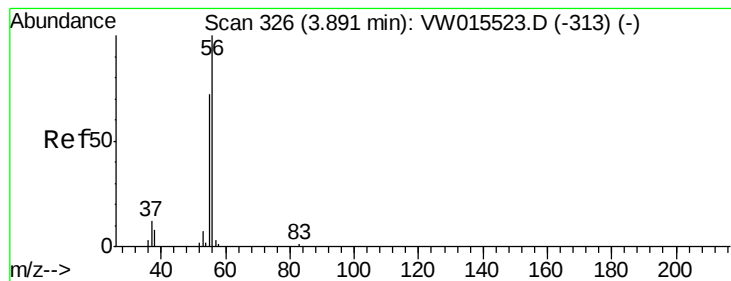


#12

1,1-Dichloroethene
Concen: 51.172 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 96 Resp: 114406
Ion Ratio Lower Upper
96 100
61 172.9 138.3 207.5
98 65.3 52.2 78.4





#13

Acrolein

Concen: 212.383 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

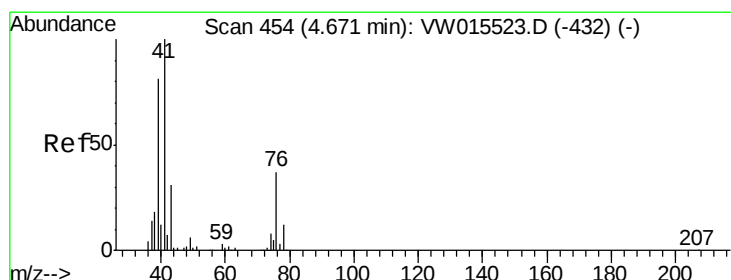
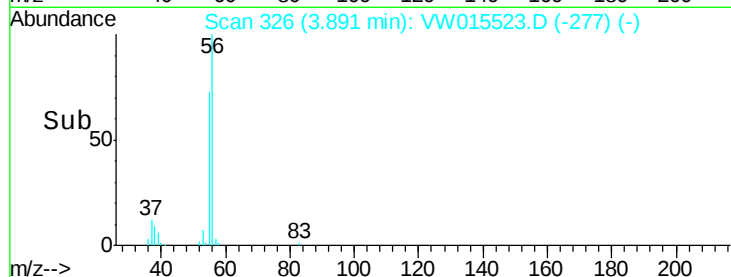
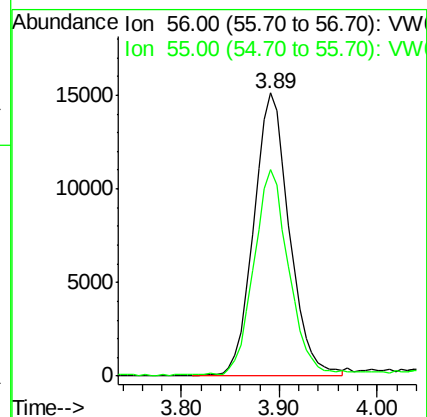
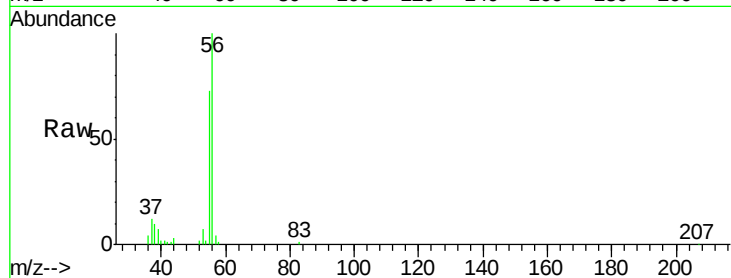
ClientSampleId :

Tot Ion: 56 Resp: 38282

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 50.534 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

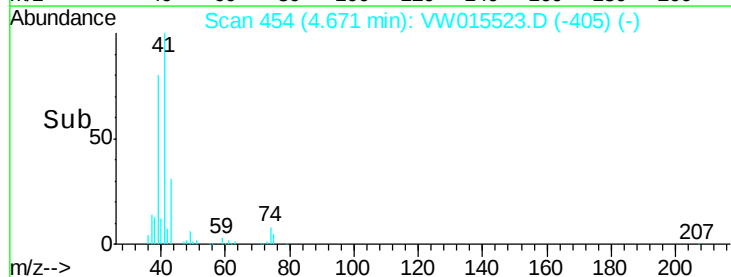
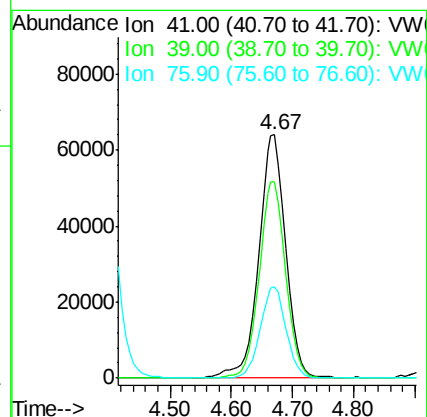
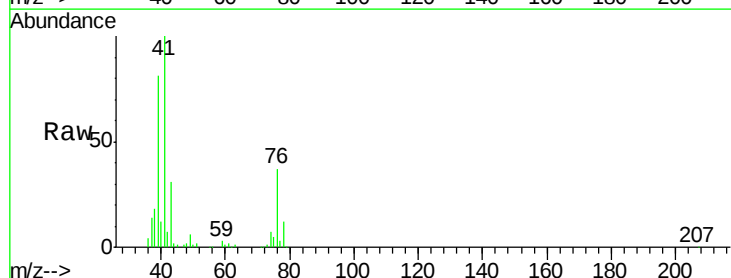
Tgt Ion: 41 Resp: 197752

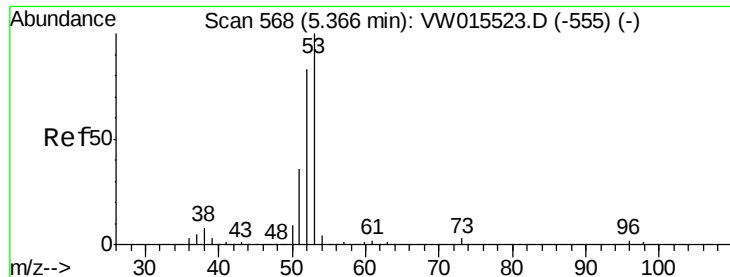
Ion Ratio Lower Upper

41 100

39 78.9 63.1 94.7

76 35.8 28.6 43.0





#15

Acrylonitrile

Concen: 278.875 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

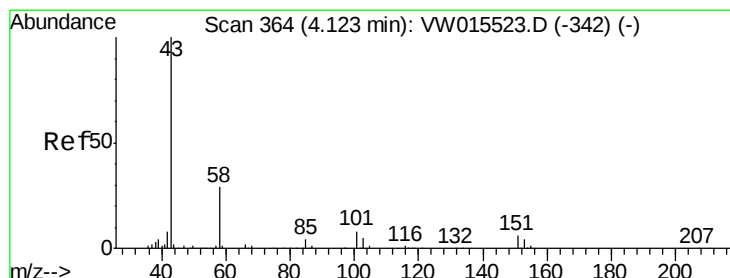
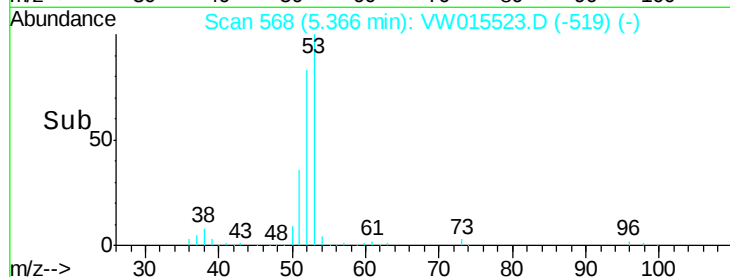
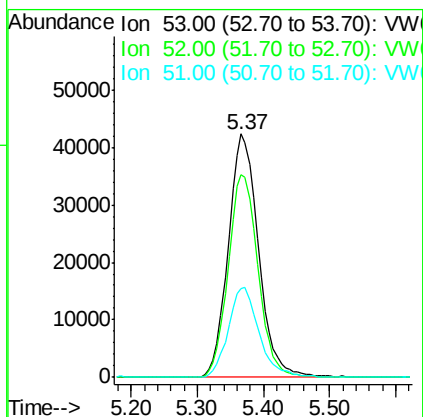
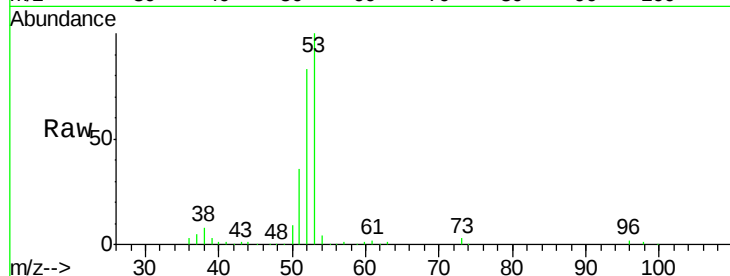
Tot Ion: 53 Resp: 134045

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

51 37.8 30.2 45.4



#16

Acetone

Concen: 375.038 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015523.D

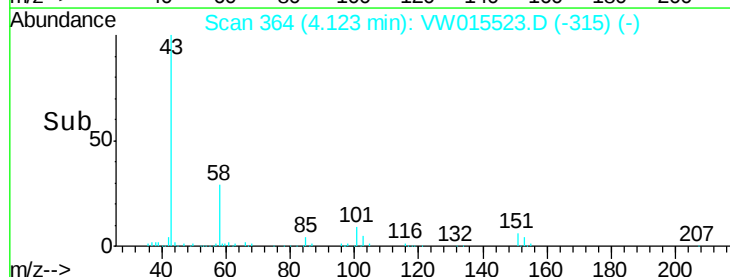
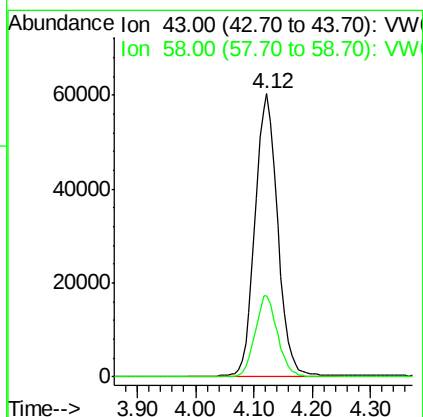
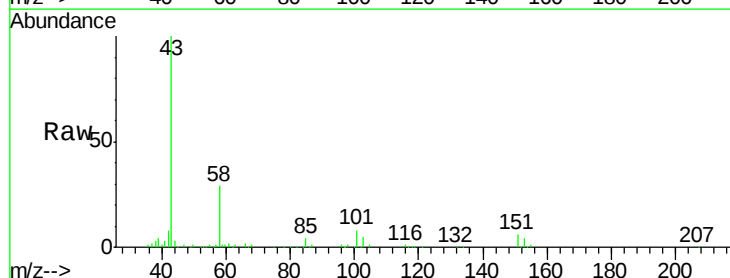
Acq: 02 Jun 2020 12:36

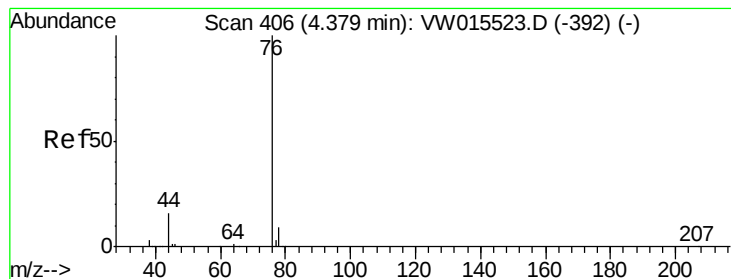
Tgt Ion: 43 Resp: 164365

Ion Ratio Lower Upper

43 100

58 28.9 23.1 34.7





#17

Carbon Disulfide

Concen: 50.615 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

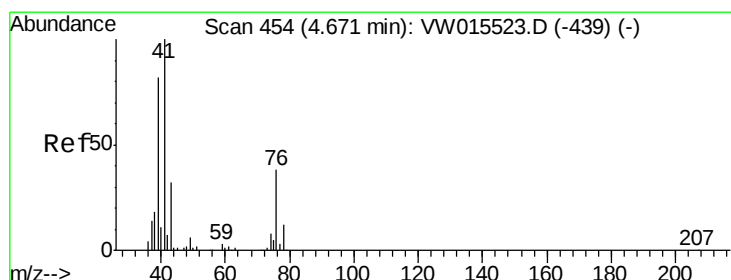
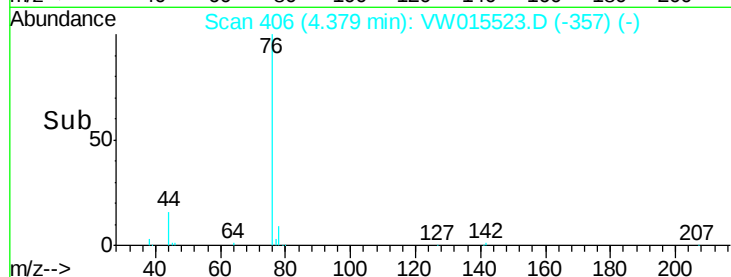
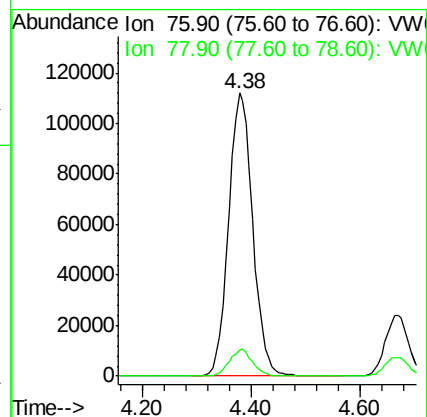
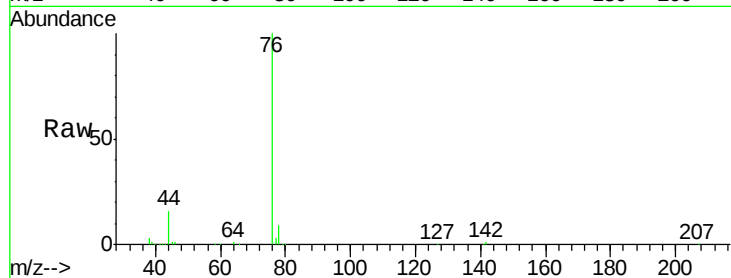
ClientSampled :

Tot Ion: 76 Resp: 345384

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 54.929 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015523.D

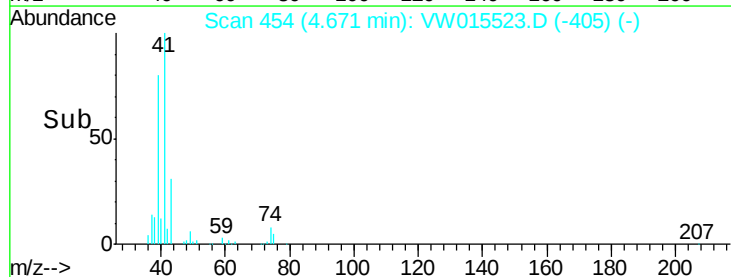
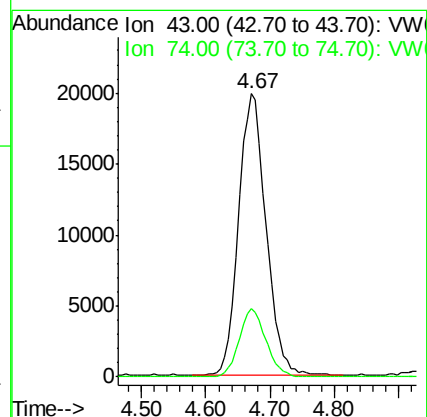
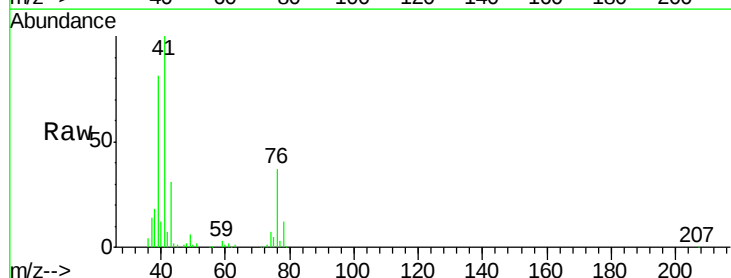
Acq: 02 Jun 2020 12:36

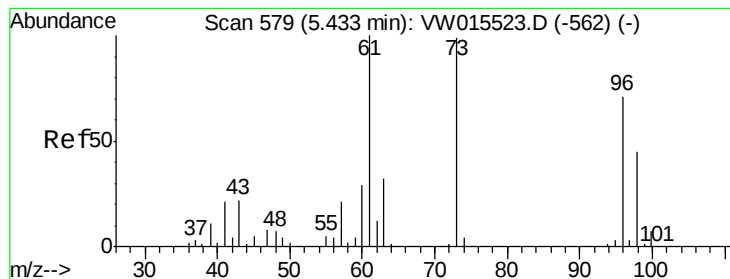
Tgt Ion: 43 Resp: 58894

Ion Ratio Lower Upper

43 100

74 23.5 18.8 28.2



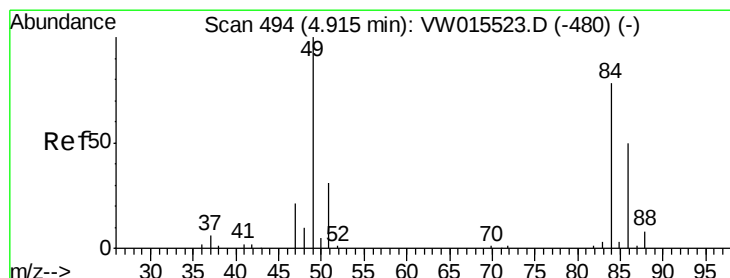
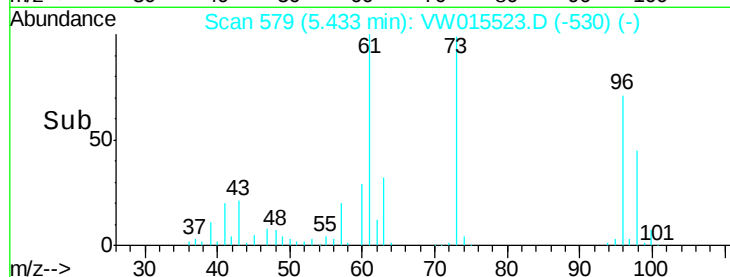
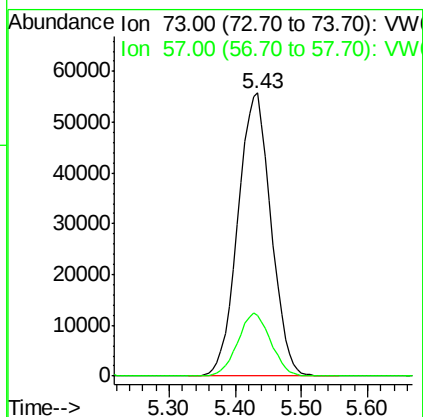
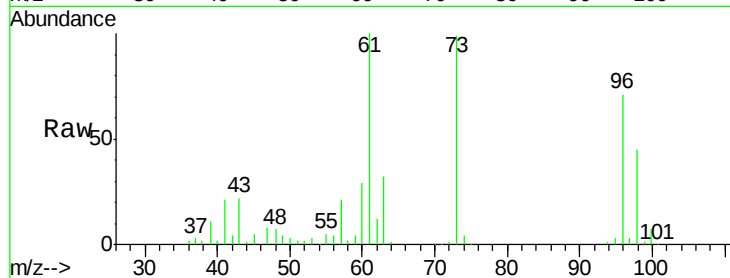


#19

Methyl tert-butyl Ether
 Concen: 53.532 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Instrument :
 MSVOA_W
 ClientSampled :

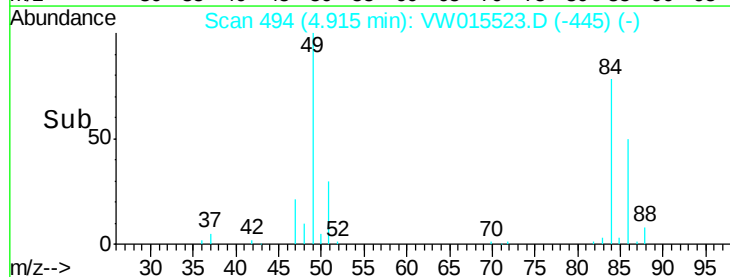
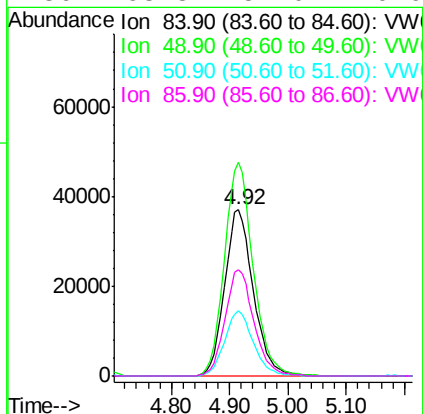
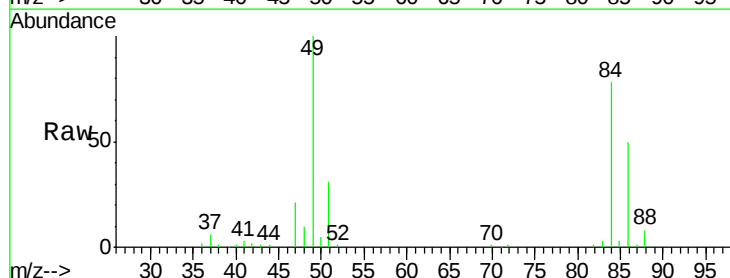
Tot Ion: 73 Resp: 194162
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.1 25.7

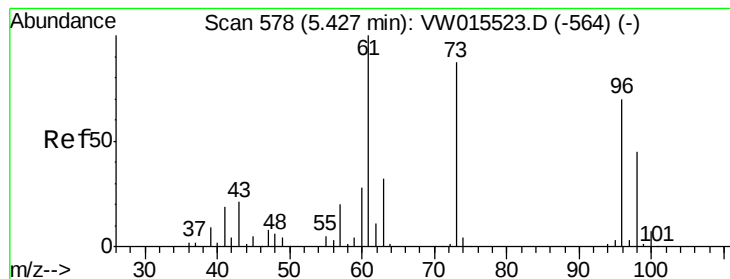


#20

Methylene Chloride
 Concen: 48.676 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 84 Resp: 126382
 Ion Ratio Lower Upper
 84 100
 49 128.5 102.8 154.2
 51 39.3 31.4 47.2
 86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.048 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

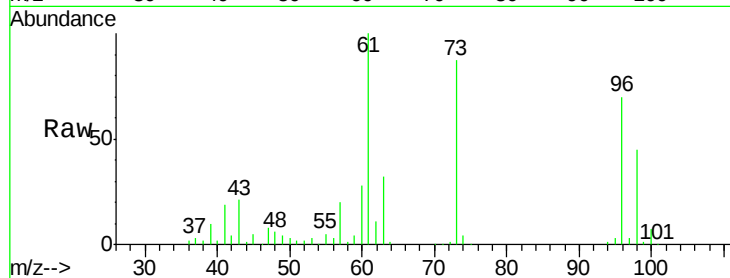
Tot Ion: 96 Resp: 132439

Ion Ratio Lower Upper

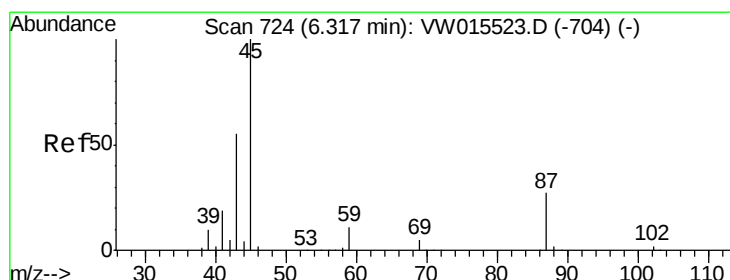
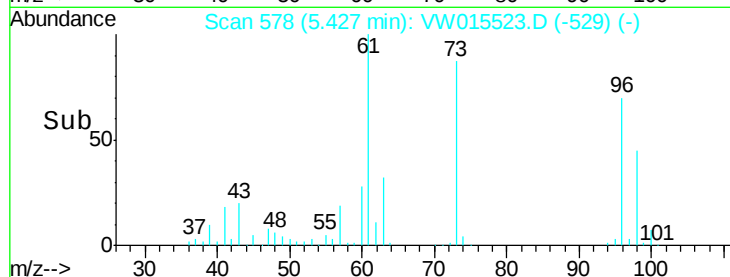
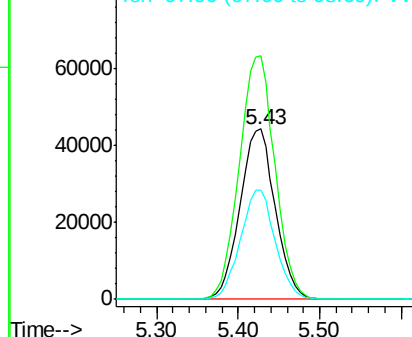
96 100

61 142.9 114.3 171.5

98 63.7 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: 50.990 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Tgt Ion: 45 Resp: 389730

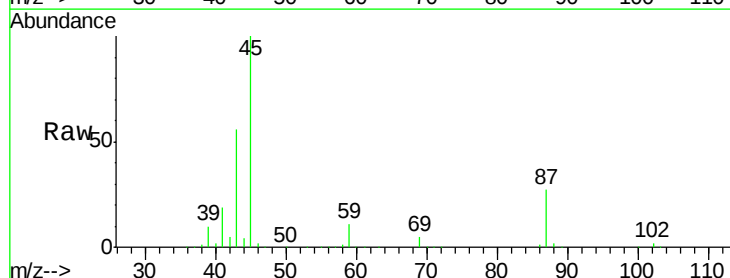
Ion Ratio Lower Upper

45 100

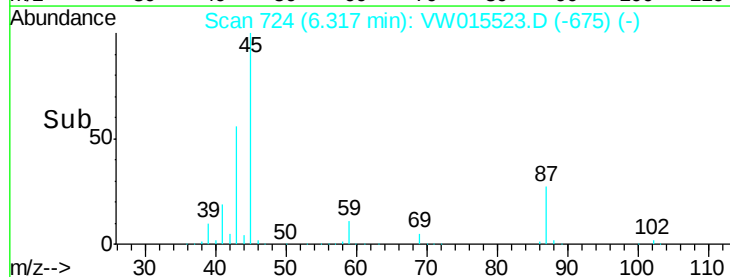
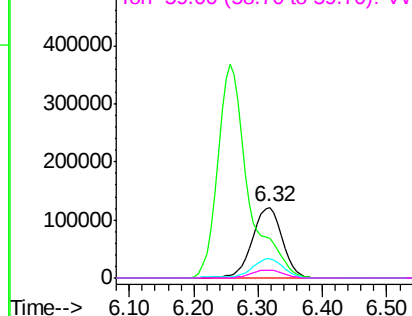
43 55.1 44.1 66.1

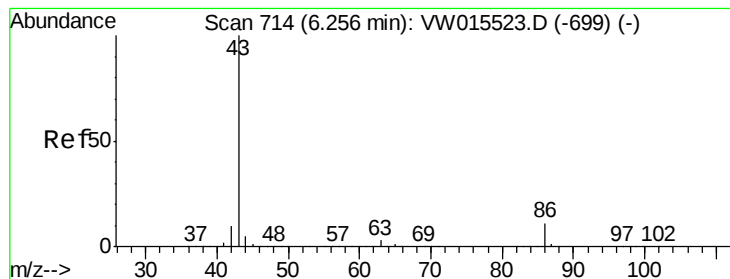
87 27.3 21.8 32.8

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: 261.540 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

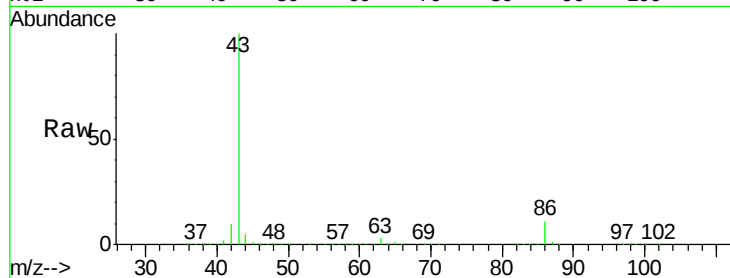
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1221294

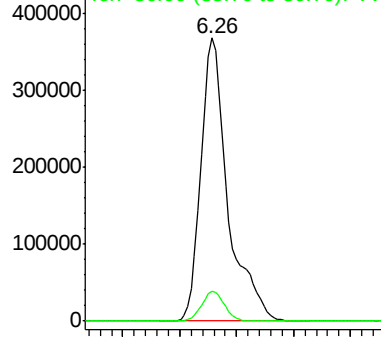
Ion Ratio Lower Upper

43 100

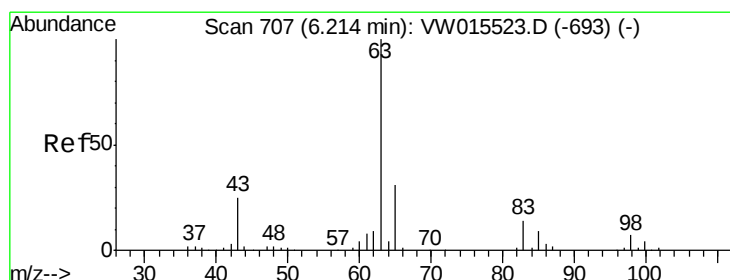
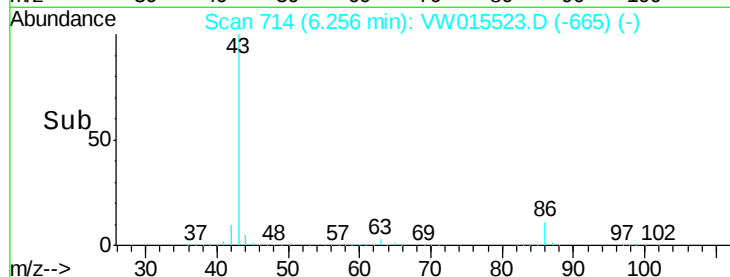
86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 51.607 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

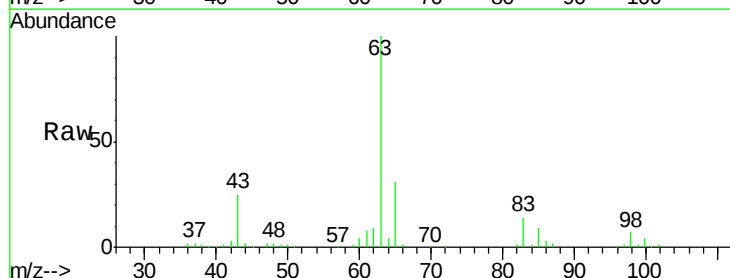
Tgt Ion: 63 Resp: 236922

Ion Ratio Lower Upper

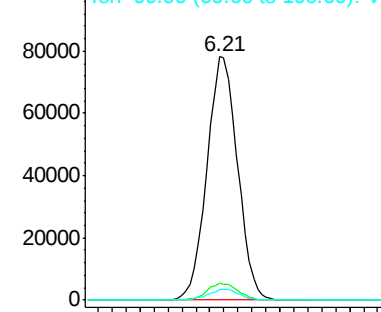
63 100

98 6.7 3.4 10.1

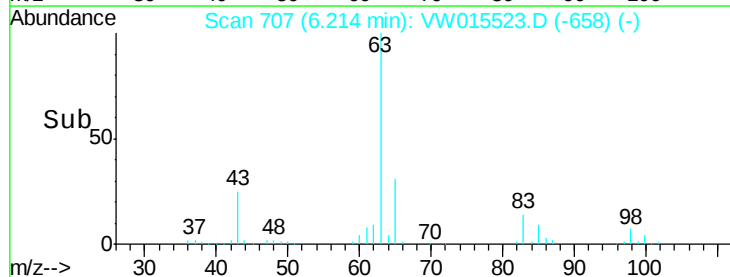
100 4.4 2.2 6.6

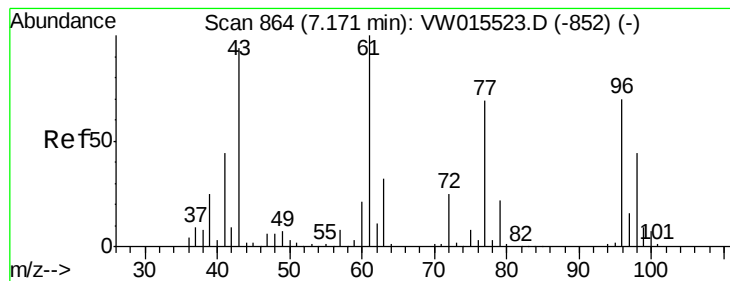


Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 307.246 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

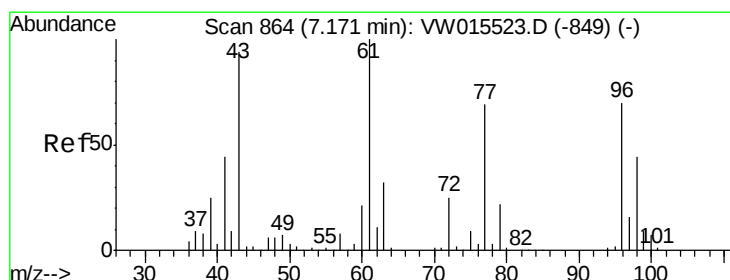
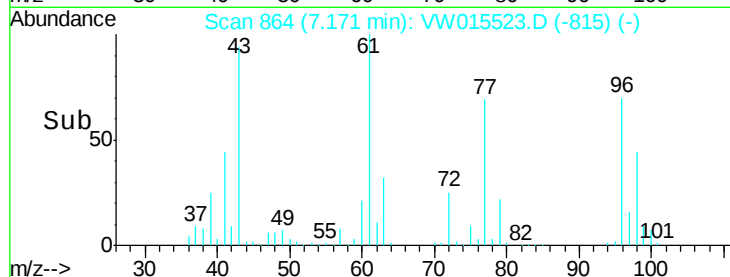
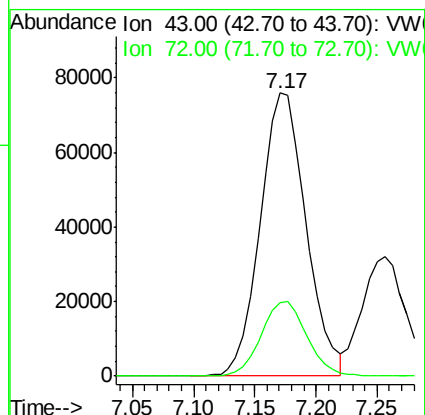
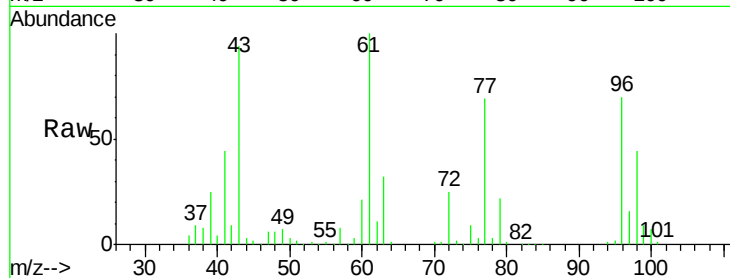
ClientSampled :

Tot Ion: 43 Resp: 197538

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.702 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015523.D

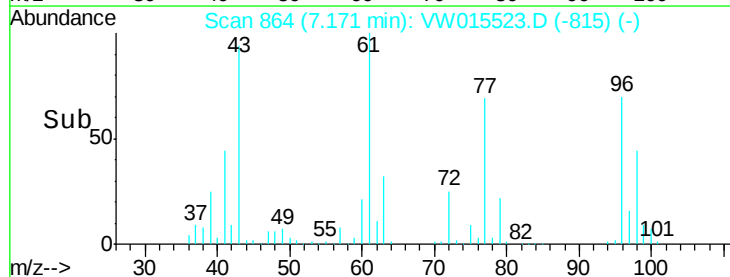
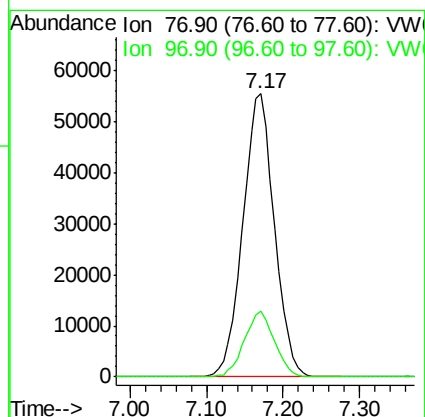
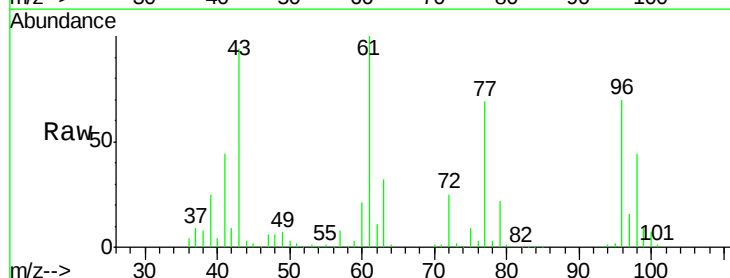
Acq: 02 Jun 2020 12:36

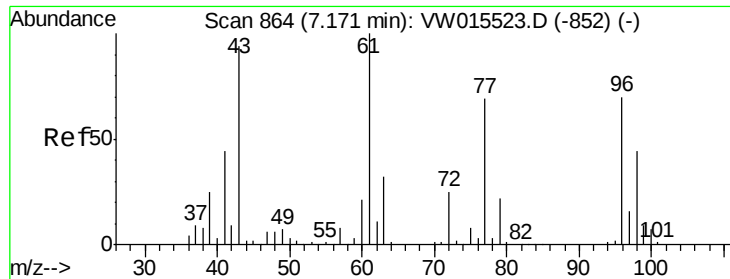
Tgt Ion: 77 Resp: 157891

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3

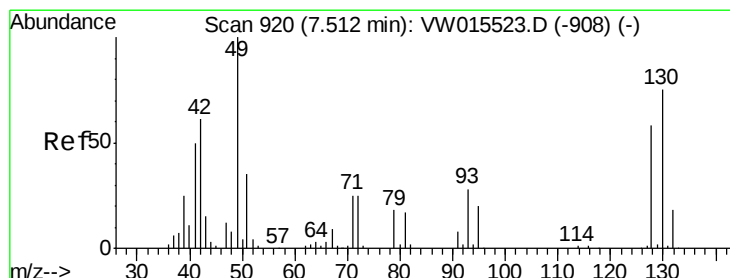
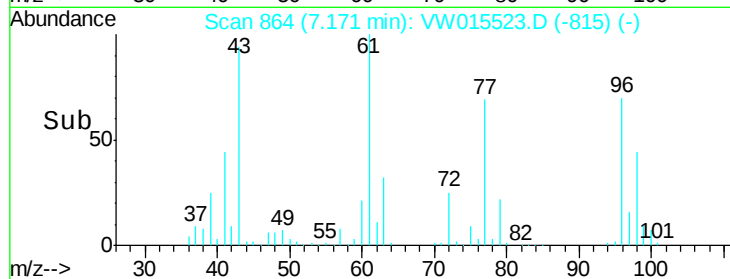
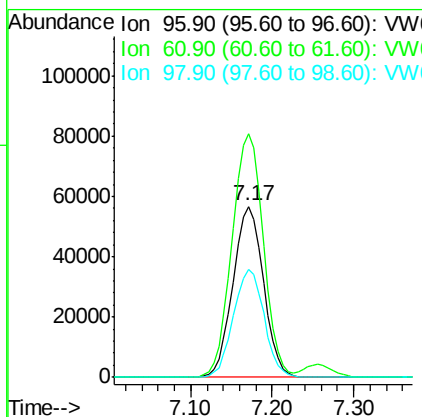
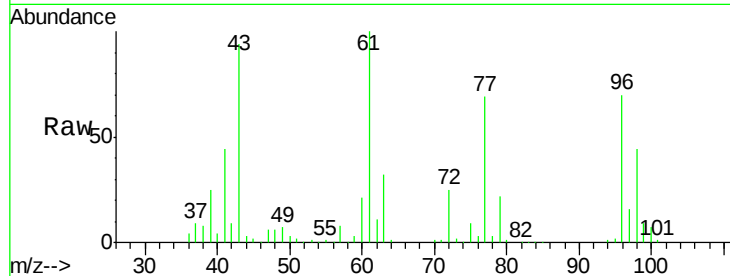




#27
 cis-1,2-Dichloroethene
 Concen: 52.859 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

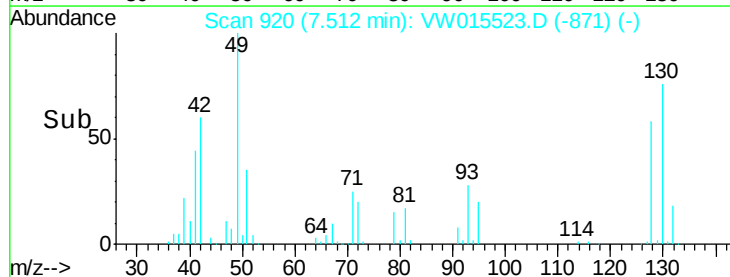
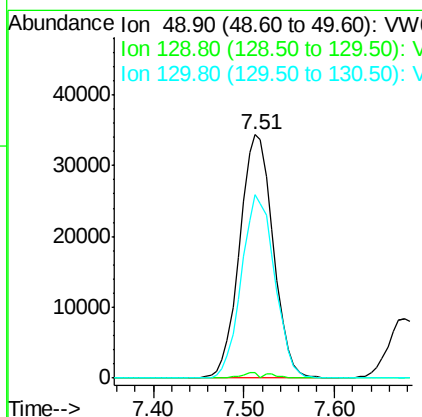
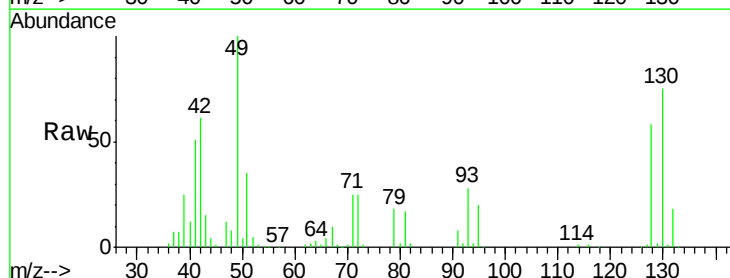
Instrument :
 MSVOA_W
 ClientSampled :

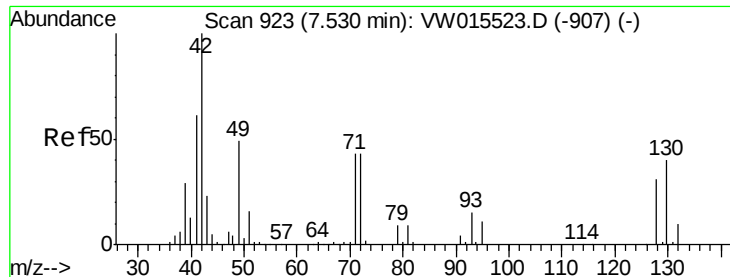
Tot Ion: 96 Resp: 146482
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 293.0
 98 63.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 48.218 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 49 Resp: 87902
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 74.6 59.7 89.5

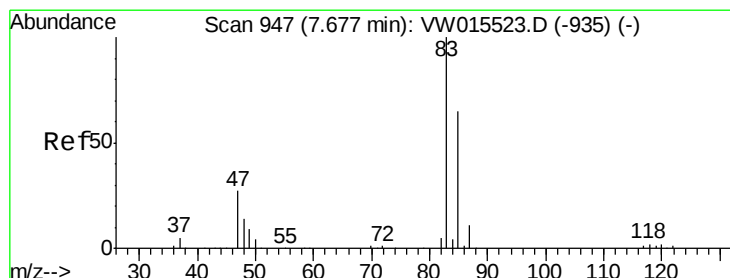
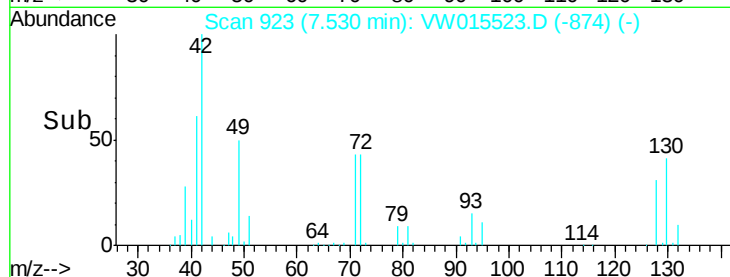
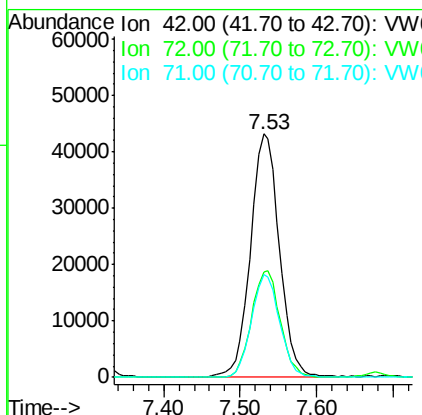
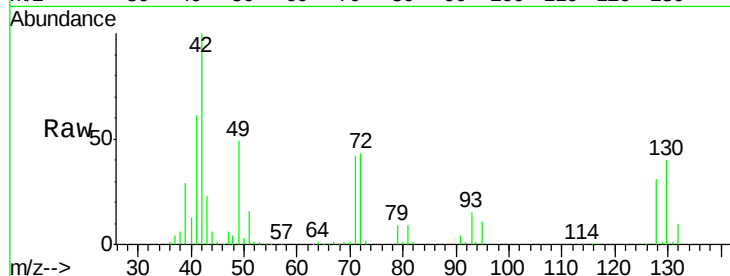




#29
Tetrahydrofuran
Concen: 275.637 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

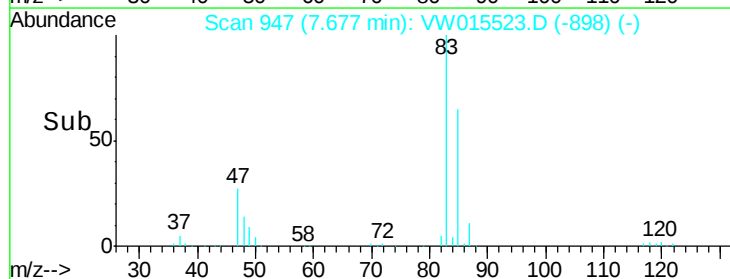
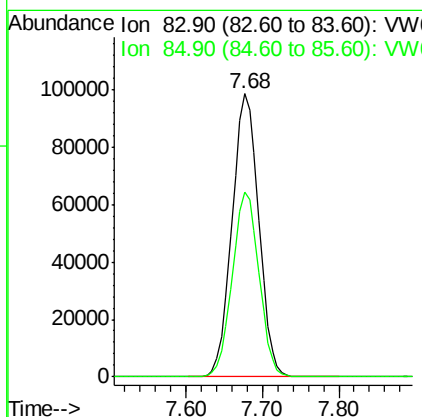
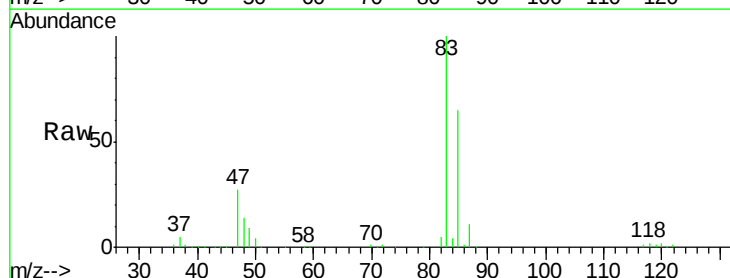
Instrument :
MSVOA_W
ClientSampled :

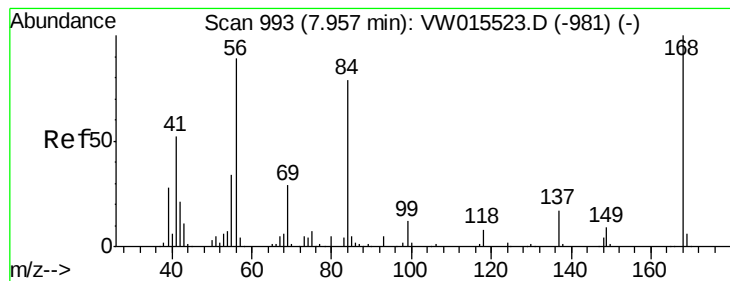
Tot Ion: 42 Resp: 113253
Ion Ratio Lower Upper
42 100
72 43.5 34.8 52.2
71 41.6 33.3 49.9



#30
Chloroform
Concen: 52.128 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 83 Resp: 238321
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4

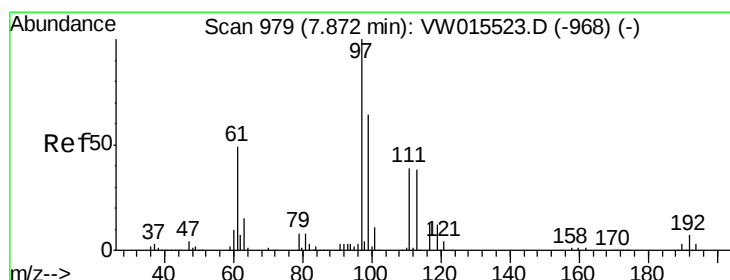
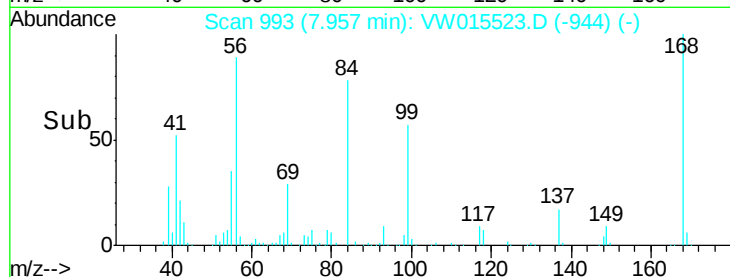
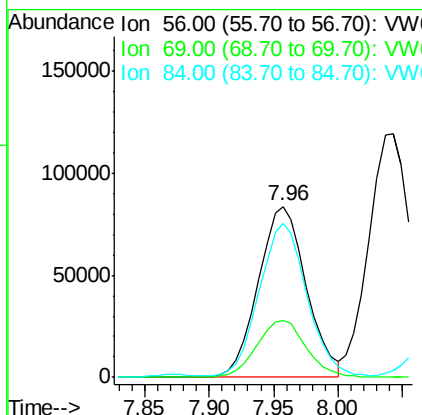
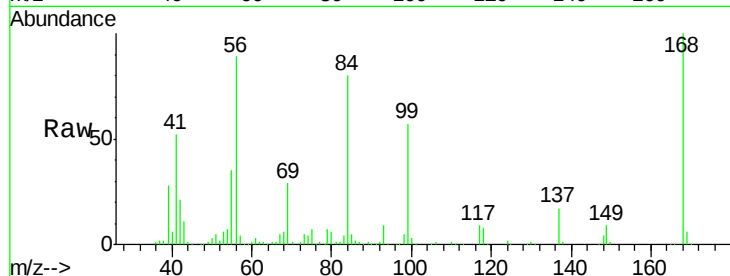




#31
Cyclohexane
Concen: 46.989 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

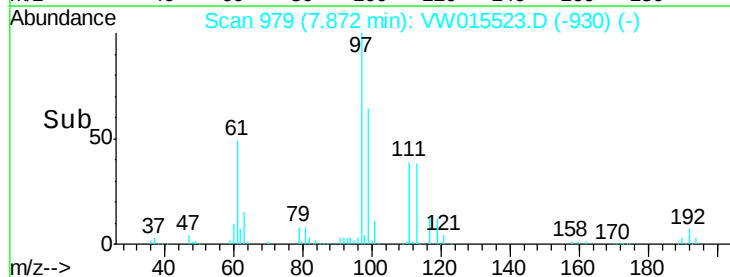
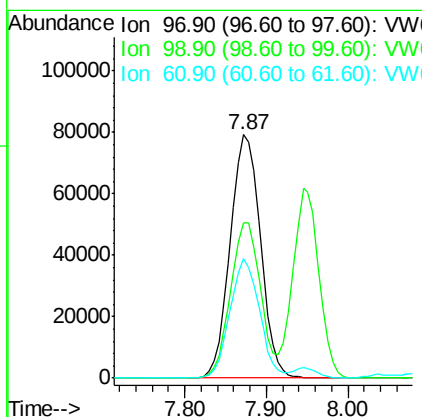
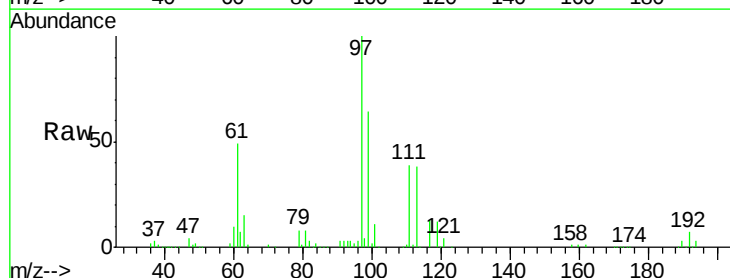
Instrument :
MSVOA_W
ClientSampled :

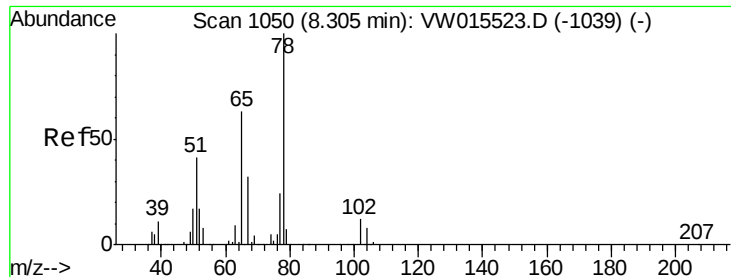
Tot Ion: 56 Resp: 216565
Ion Ratio Lower Upper
56 100
69 32.9 26.3 39.5
84 88.7 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 52.974 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 97 Resp: 203368
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 47.3 37.8 56.8

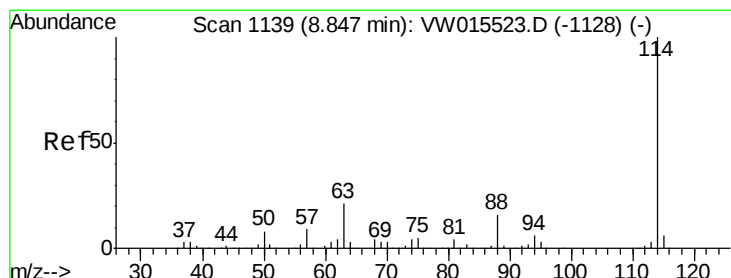
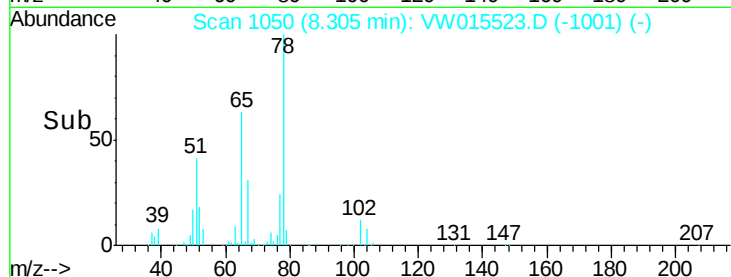
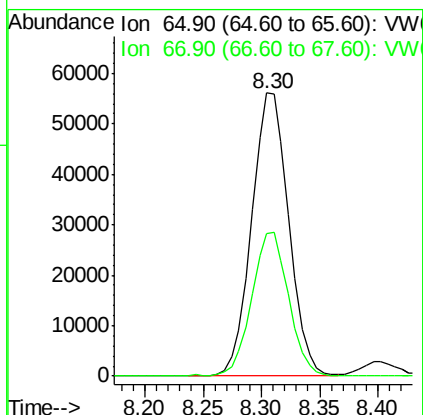
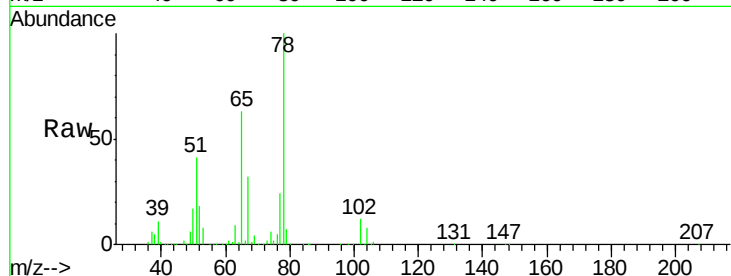




#33
 1,2-Dichloroethane-d4
 Concen: 49.484 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

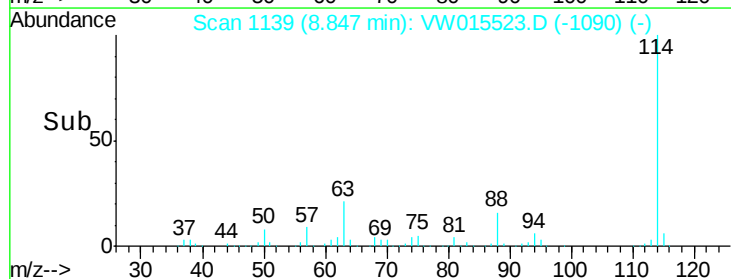
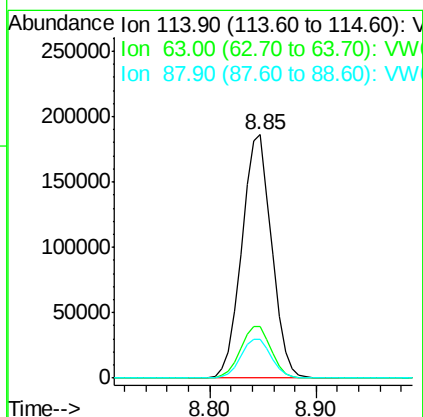
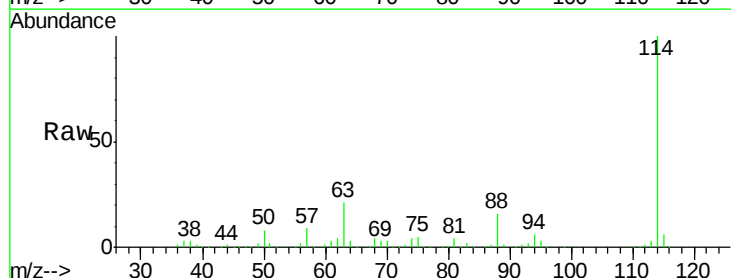
Instrument :
 MSVOA_W
 ClientSampleId :

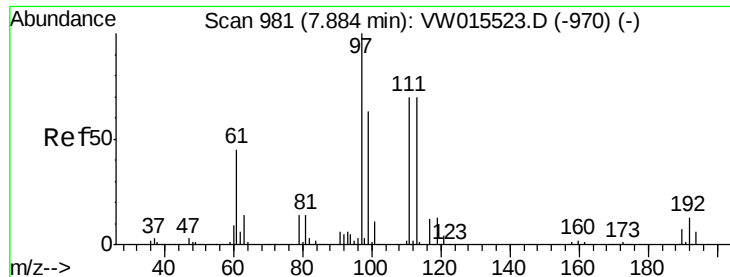
Tot Ion: 65 Resp: 124603
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 114 Resp: 366851
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.384 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

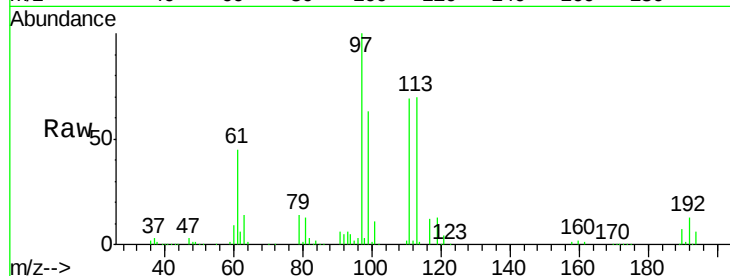
Tot Ion:113 Resp: 108586

Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

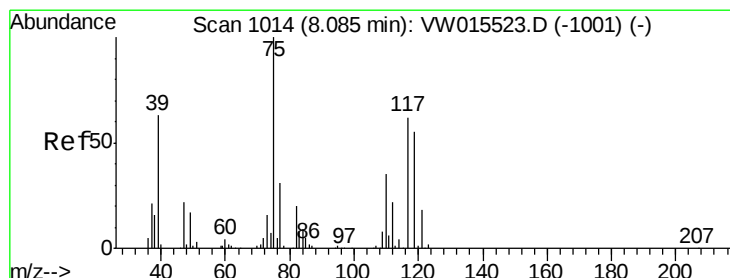
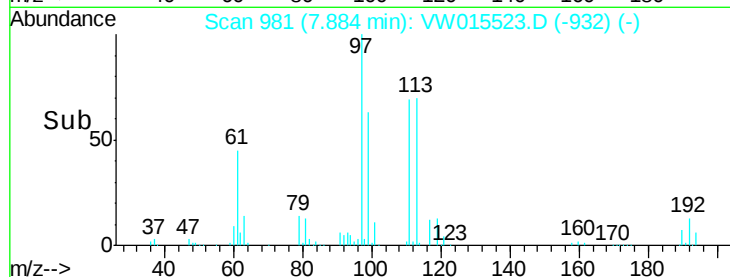
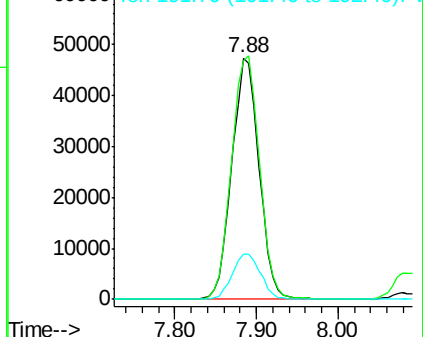
192 19.7 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.838 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

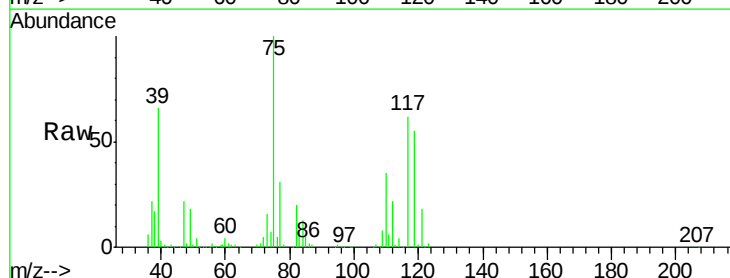
Tgt Ion: 75 Resp: 192372

Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.6

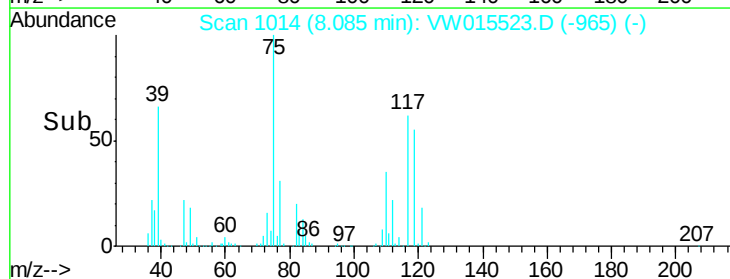
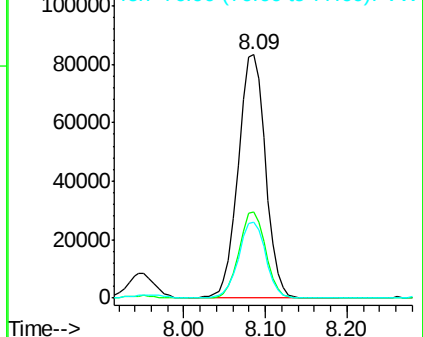
77 31.2 25.0 37.4

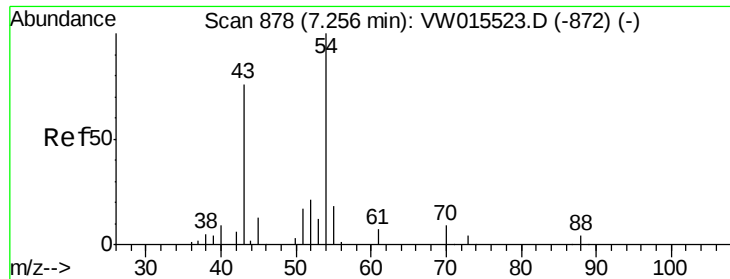


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

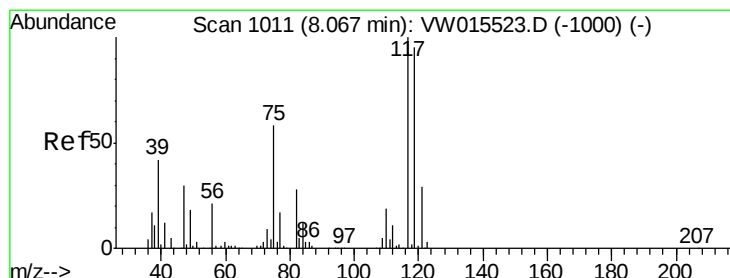
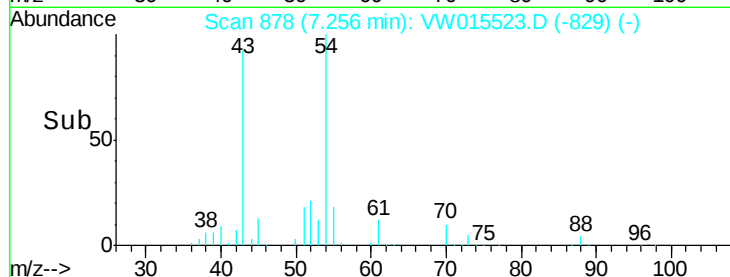
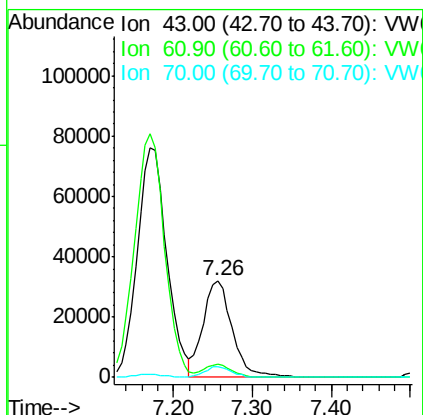
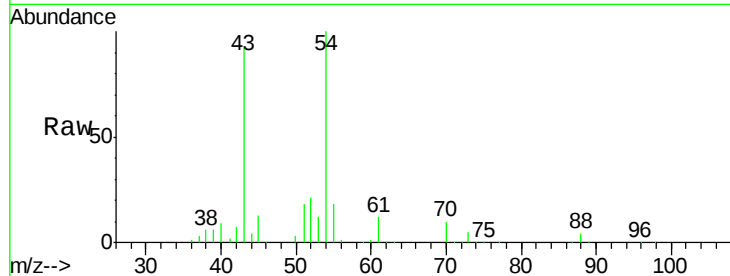




#37
Ethyl Acetate
Concen: 56.984 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

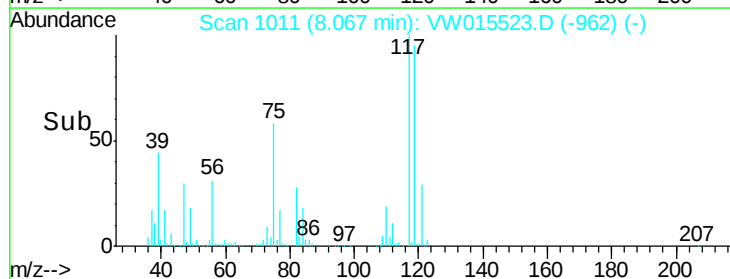
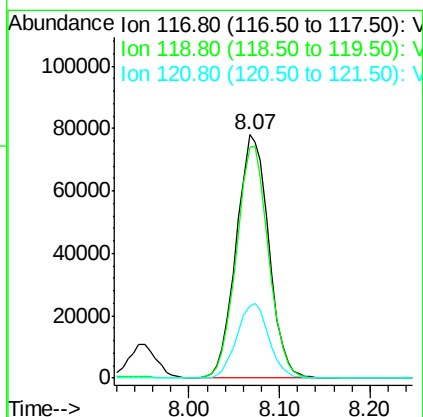
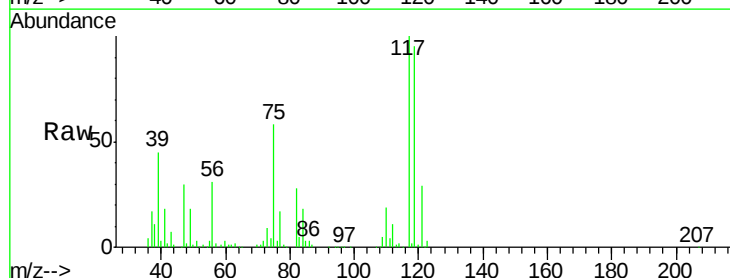
Instrument :
MSVOA_W
ClientSampleId :

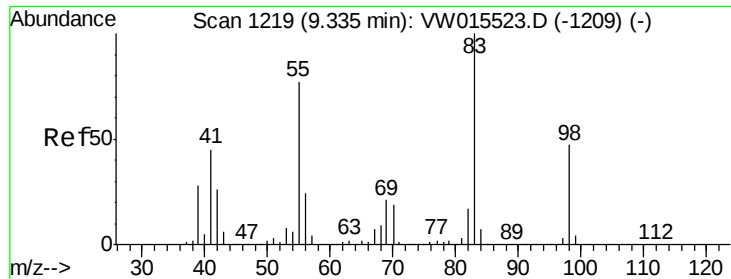
Tot Ion: 43 Resp: 81699
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 56.162 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 117 Resp: 193439
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
121 29.4 23.5 35.3

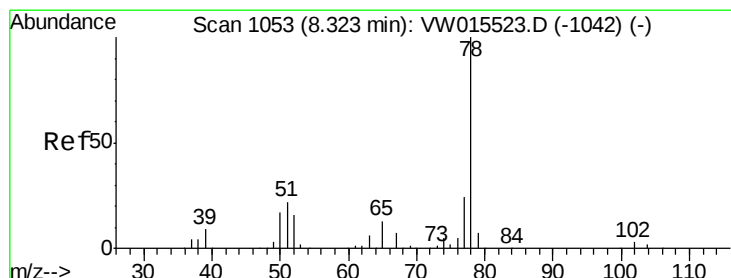
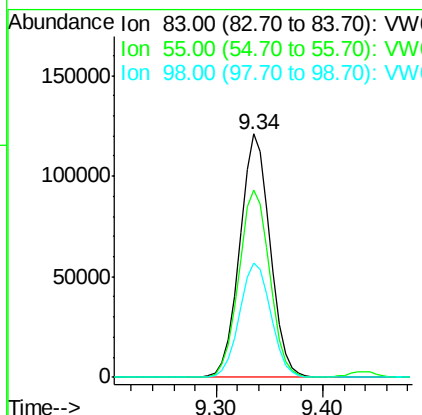
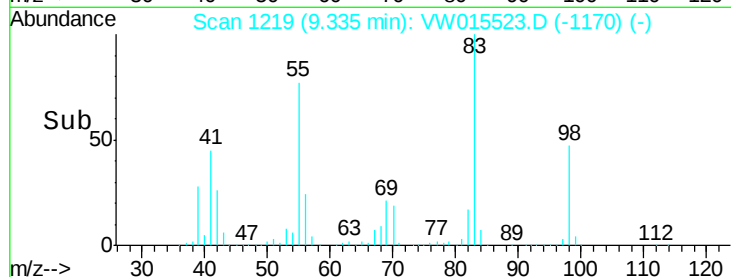
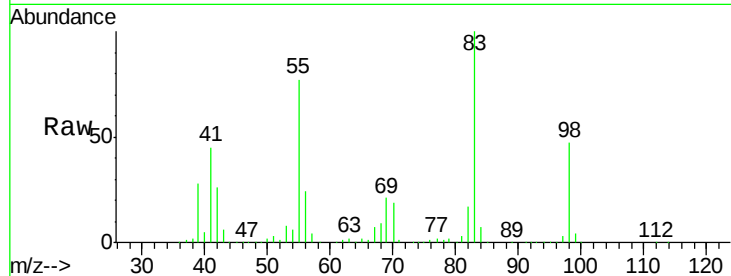




#39
Methvlcvclohexane
Concen: 52.398 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

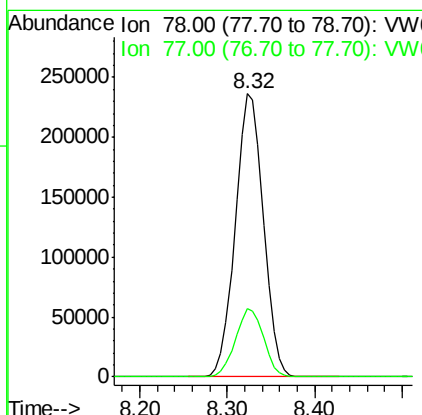
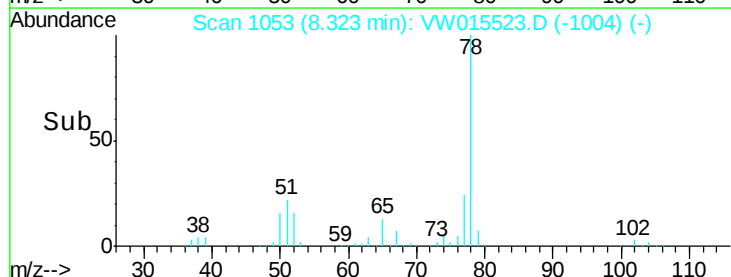
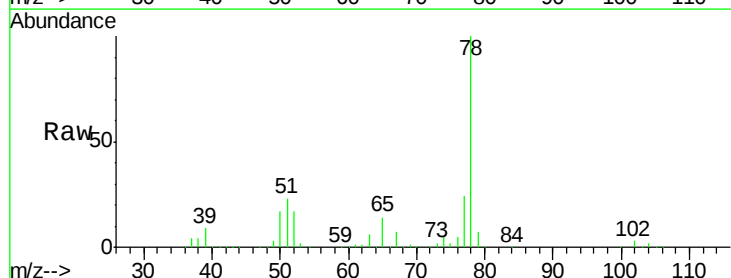
Instrument :
MSVOA_W
ClientSampleId :

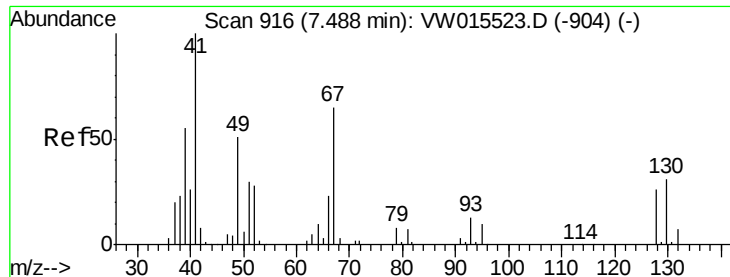
Tot Ion: 83 Resp: 241583
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 47.1 37.7 56.5



#40
Benzene
Concen: 52.894 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 78 Resp: 527398
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

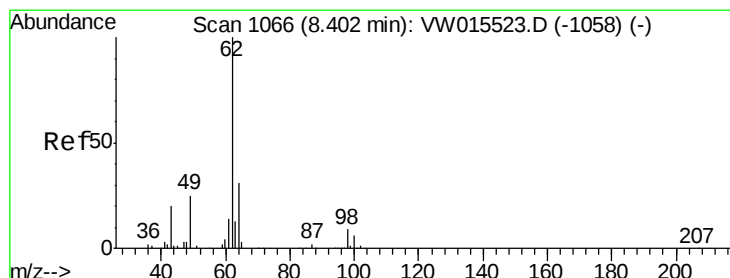
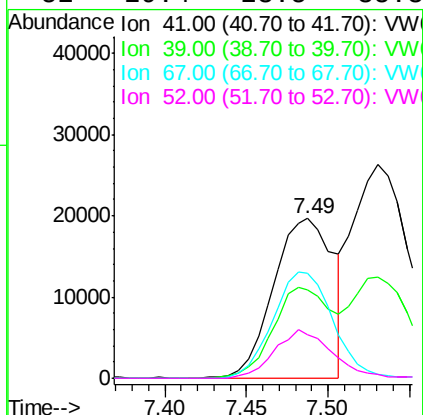
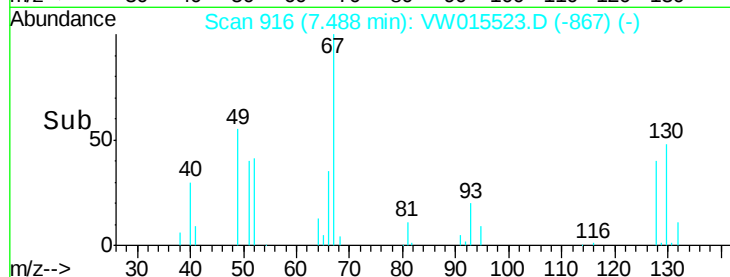
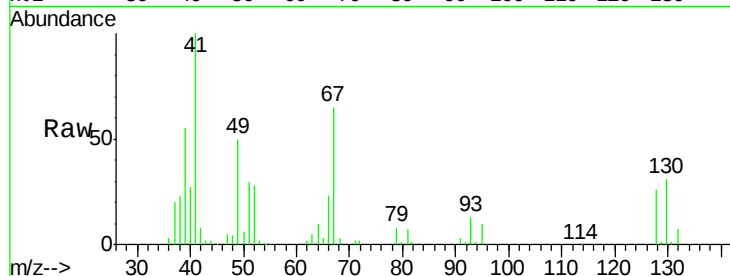




#41
Methacrylonitrile
Concen: 54.892 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

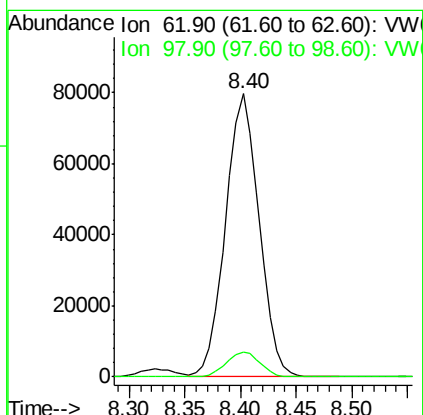
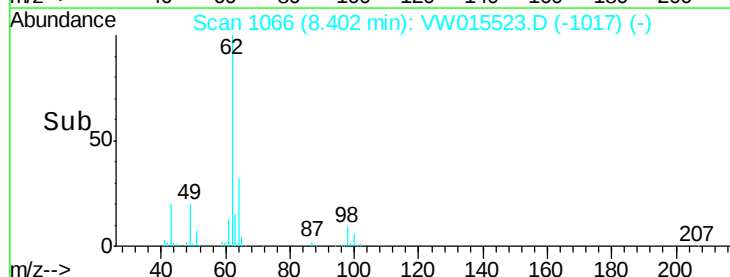
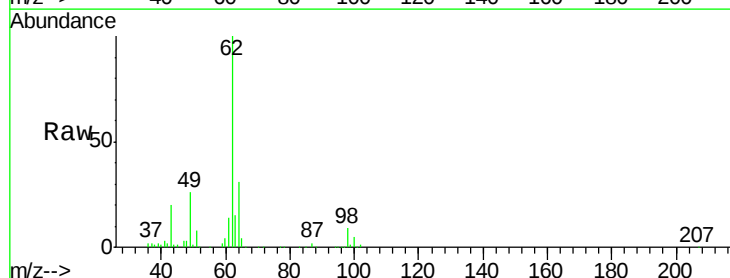
Instrument :
MSVOA_W
ClientSampled :

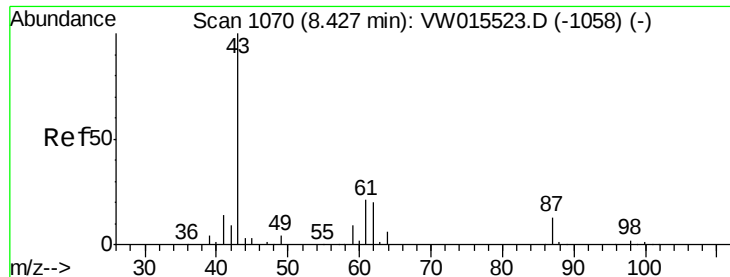
Tot Ion:	41	Resp:	50193
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	66.4	53.1	79.7
52	29.4	23.5	35.3



#42
1,2-Dichloroethane
Concen: 54.457 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:	62	Resp:	166342
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 55.007 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

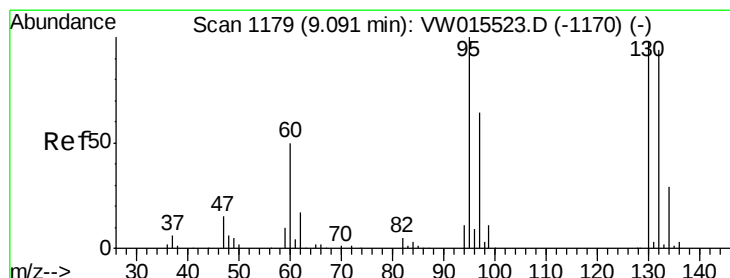
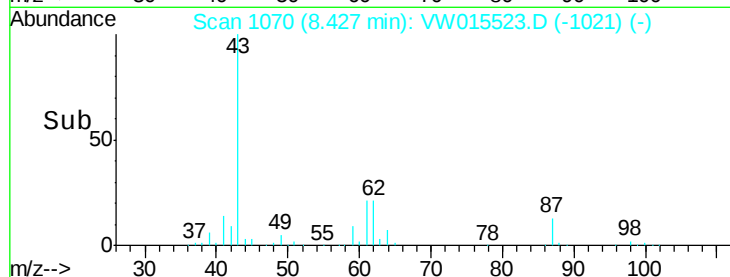
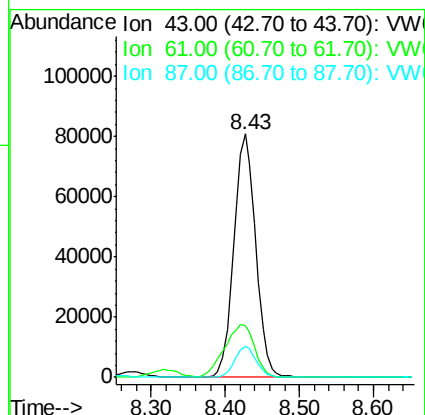
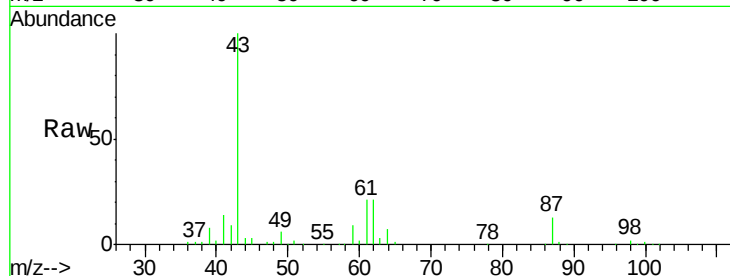
Tot Ion: 43 Resp: 165987

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.8

87 12.6 10.1 15.1



#44

Trichloroethene

Concen: 53.946 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015523.D

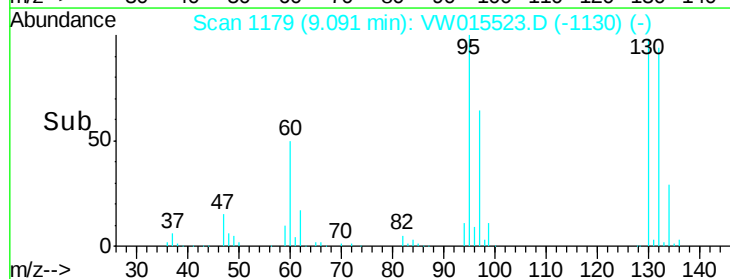
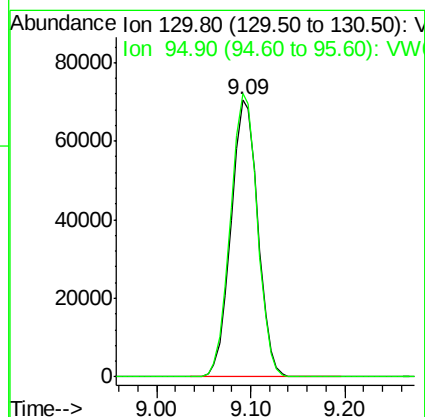
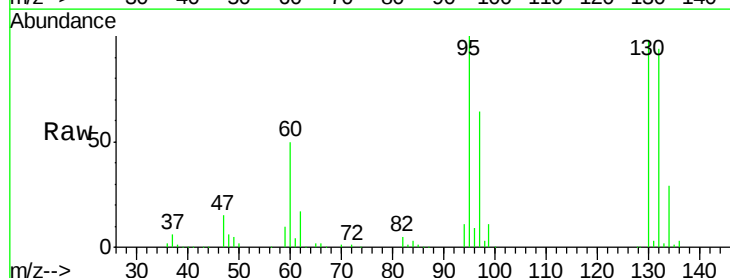
Acq: 02 Jun 2020 12:36

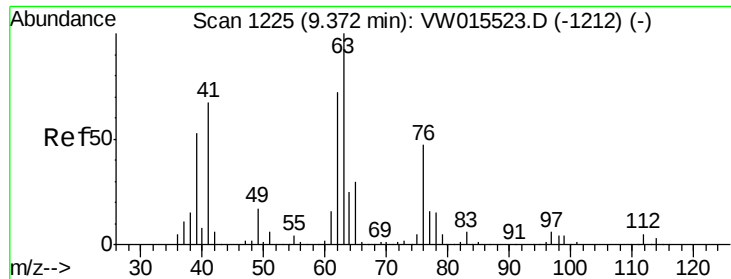
Tgt Ion:130 Resp: 139619

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.0

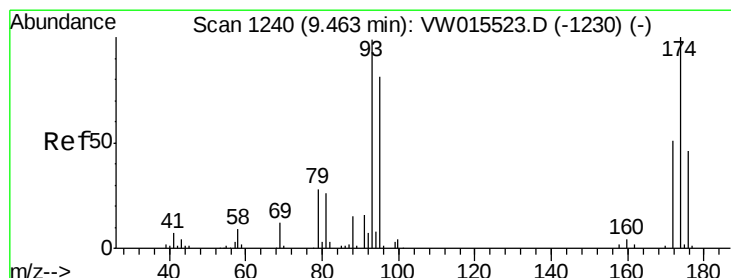
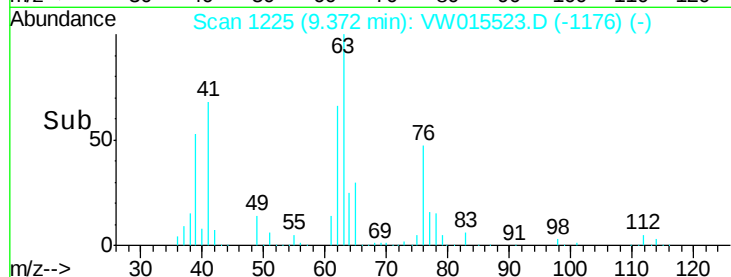
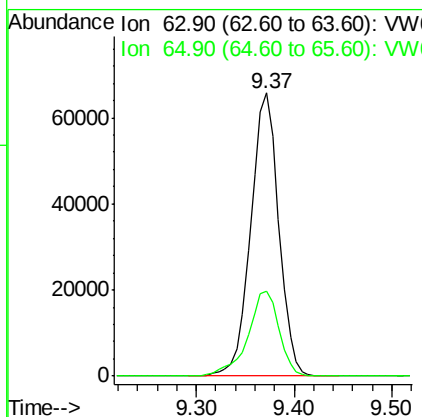
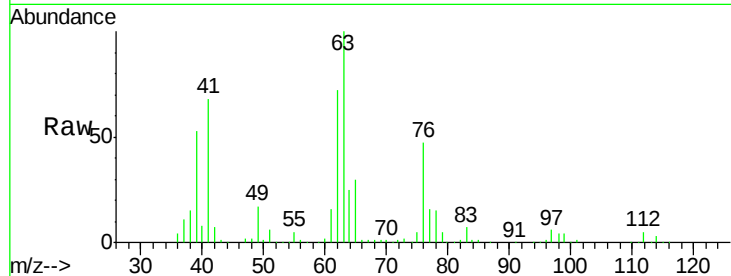




#45
 1,2-Dichloropropane
 Concen: 52.910 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

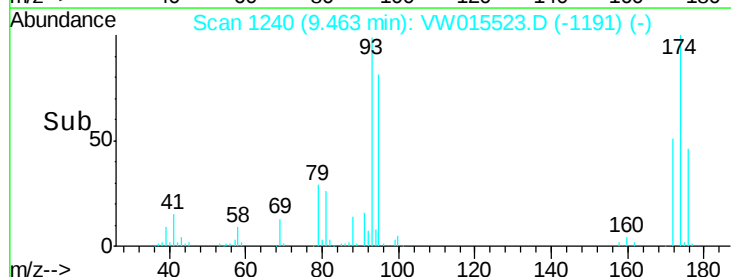
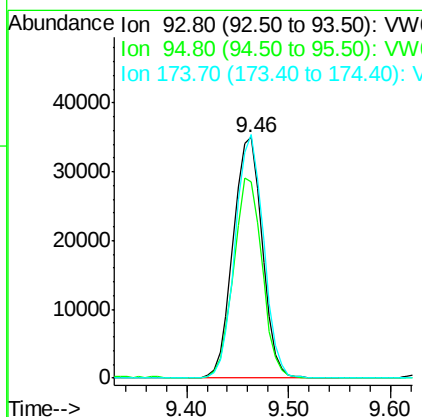
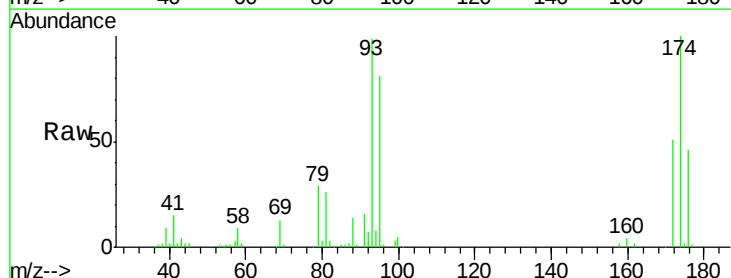
Instrument :
 MSVOA_W
 ClientSampleId :

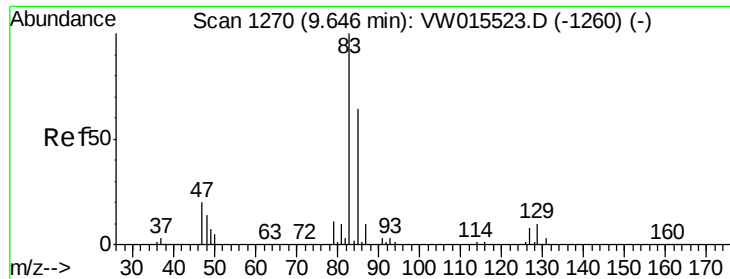
Tot Ion: 63 Resp: 130392
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 55.843 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 93 Resp: 69288
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.1 97.7
 174 98.3 78.6 118.0

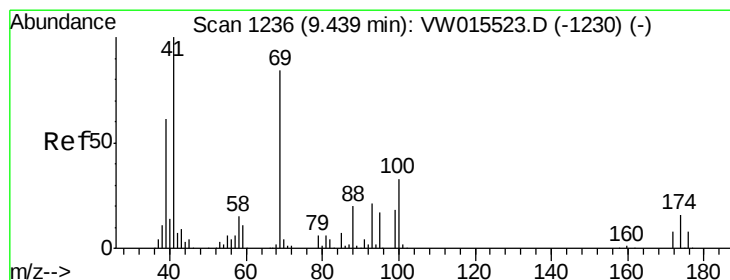
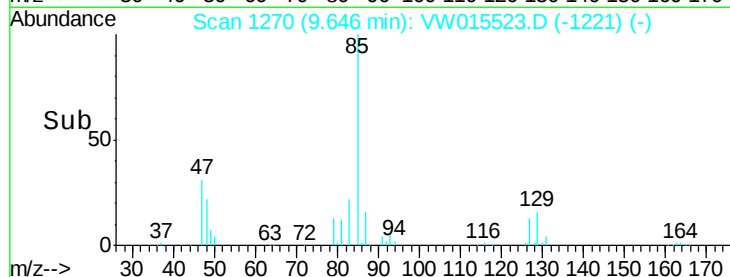
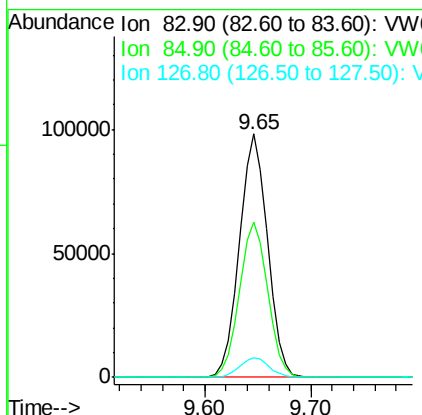
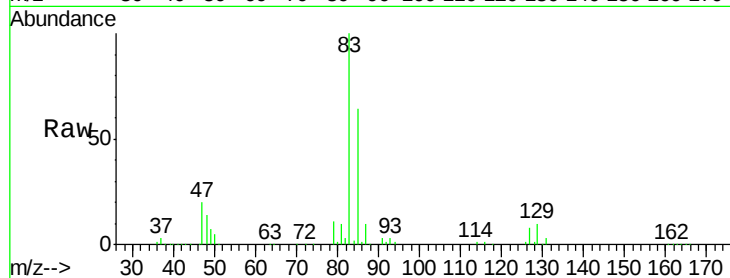




#47
 Bromodichloromethane
 Concen: 54.472 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

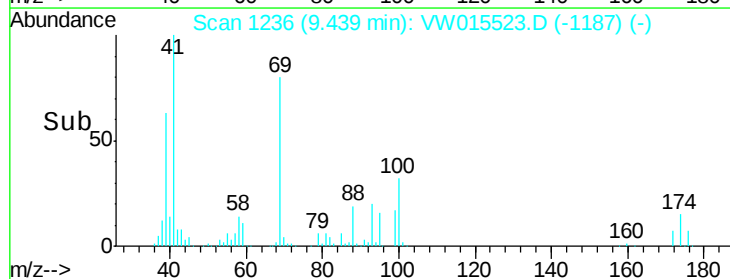
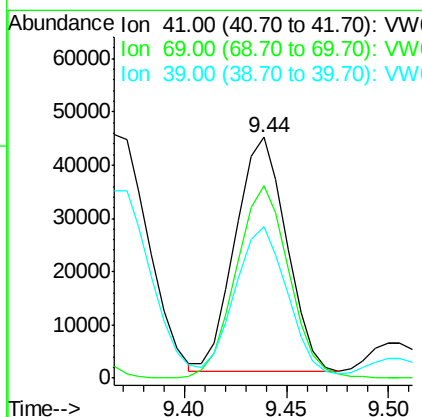
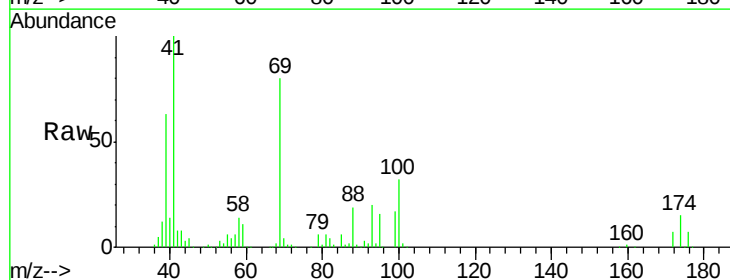
Instrument :
 MSVOA_W
 ClientSampleId :

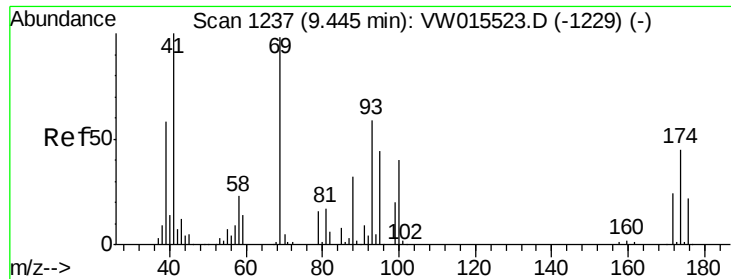
Tot Ion	83	Resp	182601
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.1	76.7
127	8.0	6.4	9.6



#48
 Methyl methacrylate
 Concen: 55.520 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion	41	Resp	77038
Ion Ratio	Lower	Upper	
41	100		
69	84.8	67.8	101.8
39	62.7	50.2	75.2

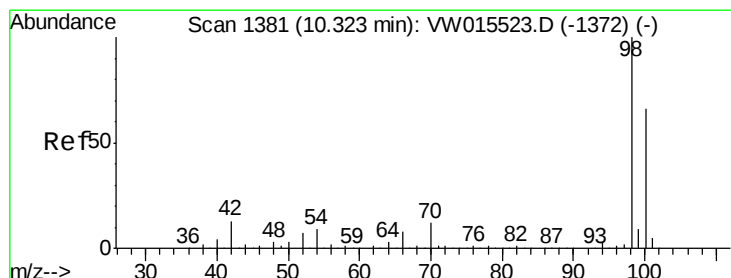
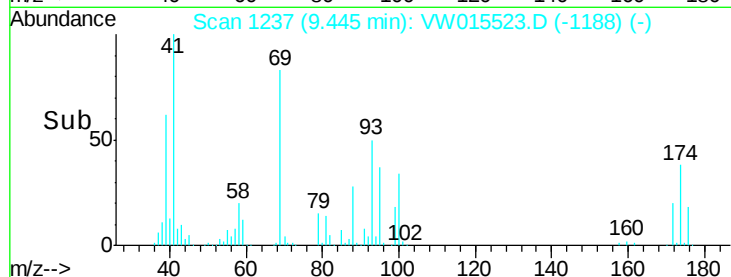
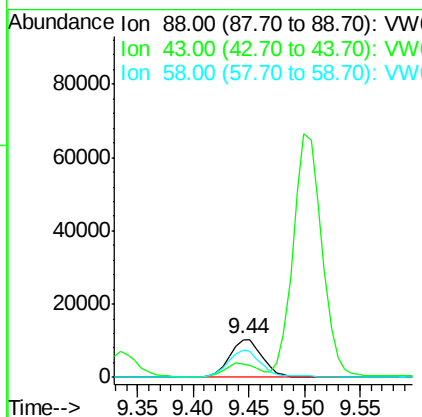
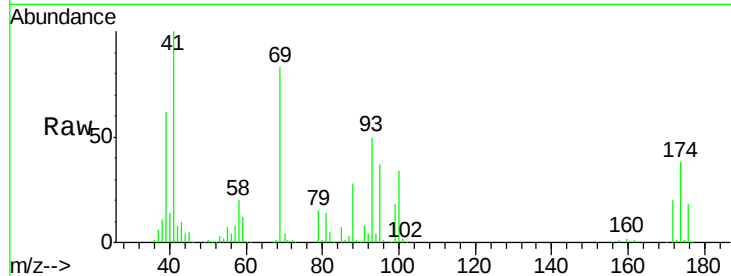




#49
 1,4-Dioxane
 Concen: 1318.450 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

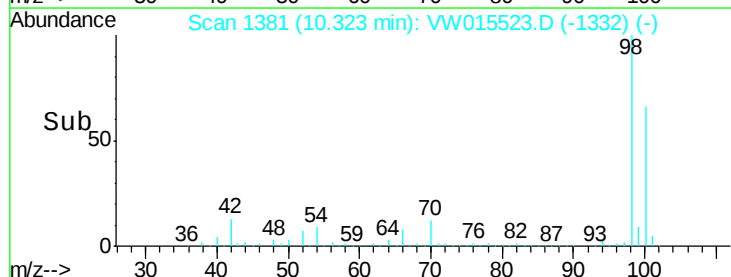
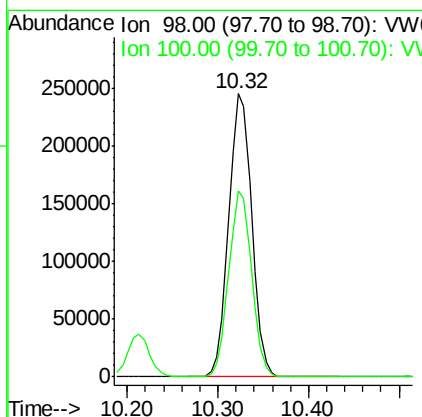
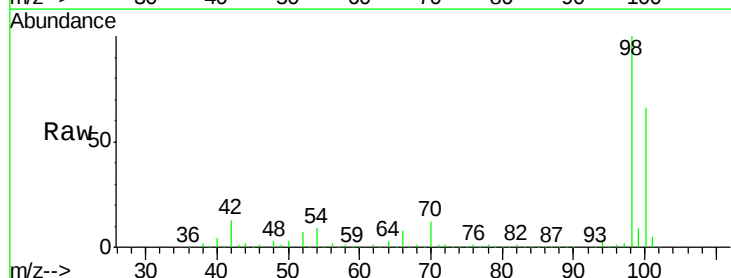
Instrument :
 MSVOA_W
 ClientSampleId :

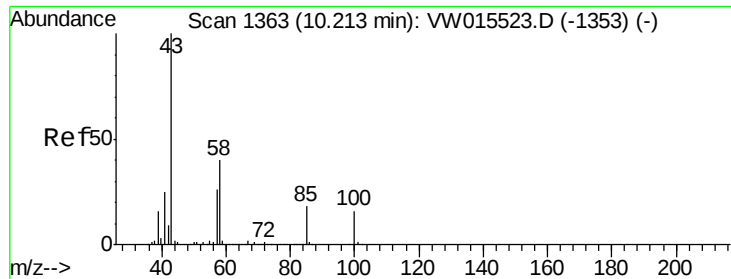
Tot Ion: 88 Resp: 21176
 Ion Ratio Lower Upper
 88 100
 43 34.9 27.9 41.9
 58 73.5 58.8 88.2



#50
 Toluene-d8
 Concen: 49.915 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 98 Resp: 433110
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 281.531 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

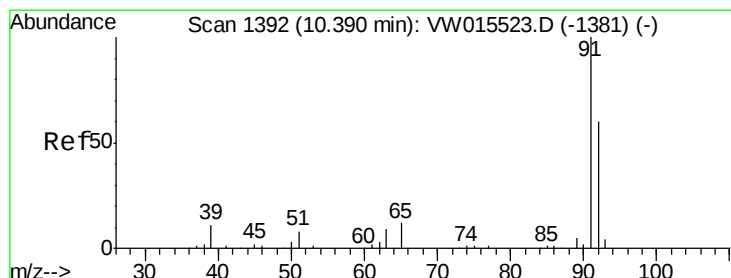
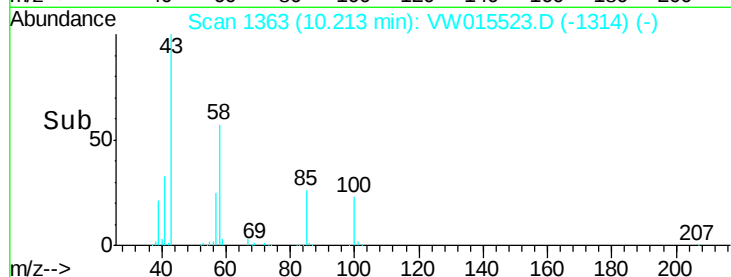
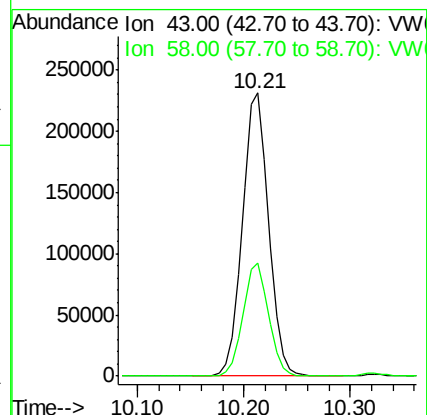
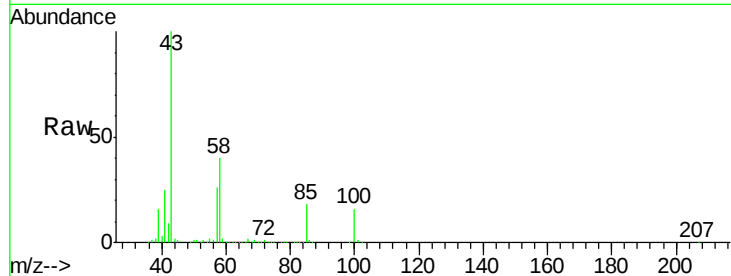
ClientSampled :

Tot Ion: 43 Resp: 398660

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0



#52

Toluene

Concen: 52.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015523.D

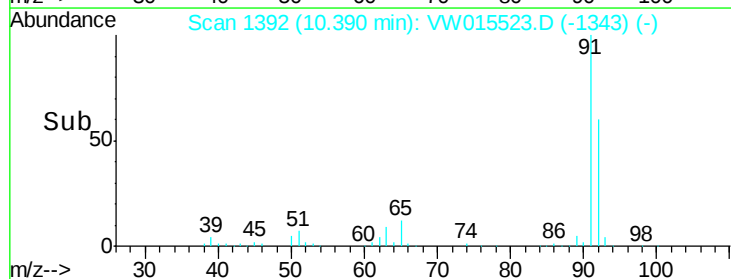
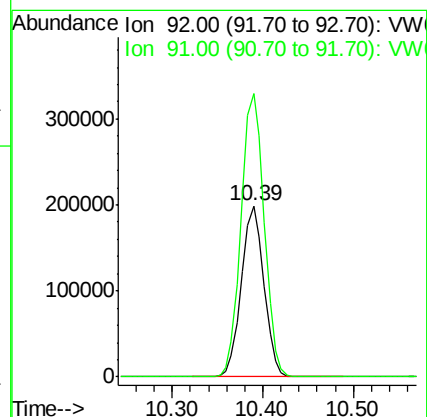
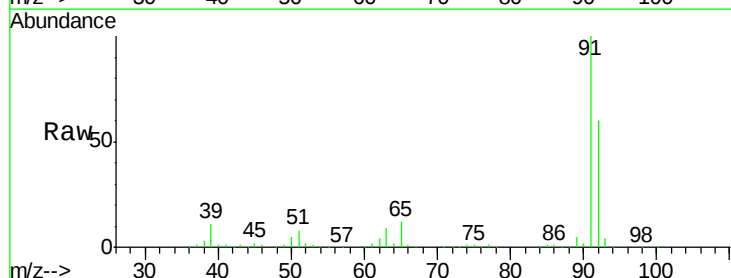
Acq: 02 Jun 2020 12:36

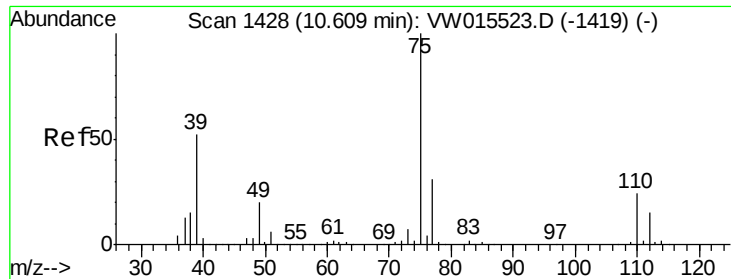
Tgt Ion: 92 Resp: 342386

Ion Ratio Lower Upper

92 100

91 170.6 136.5 204.7

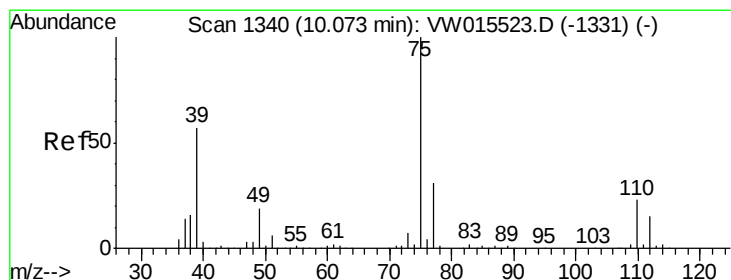
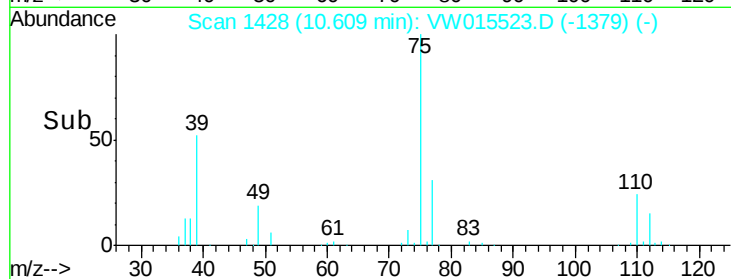
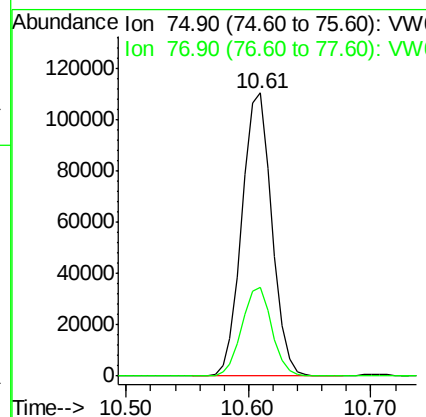
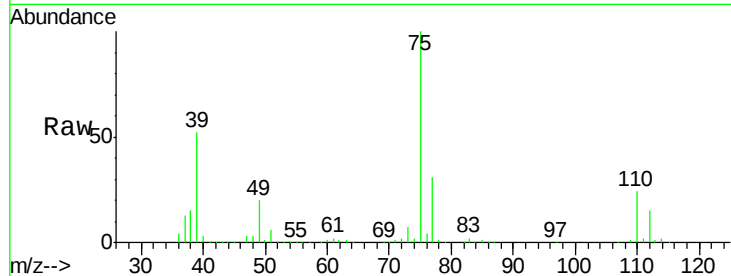




#53
 t-1,3-Dichloropropene
 Concen: 54.849 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

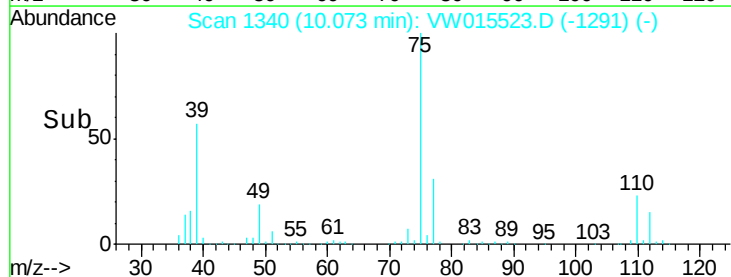
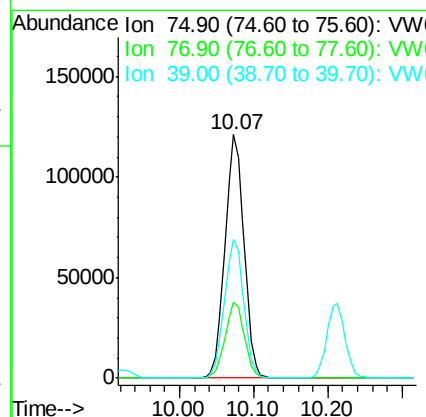
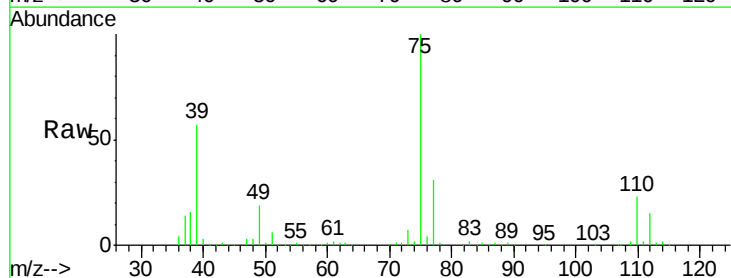
Instrument :
 MSVOA_W
 ClientSampleId :

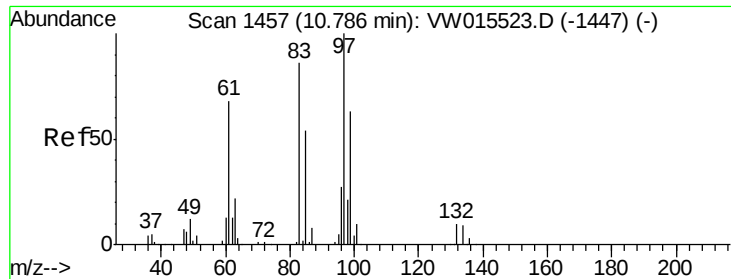
Tot Ion: 75 Resp: 187806
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.509 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 75 Resp: 214606
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 56.8 45.4 68.2

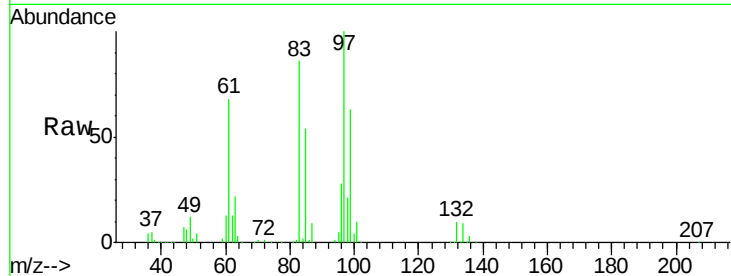




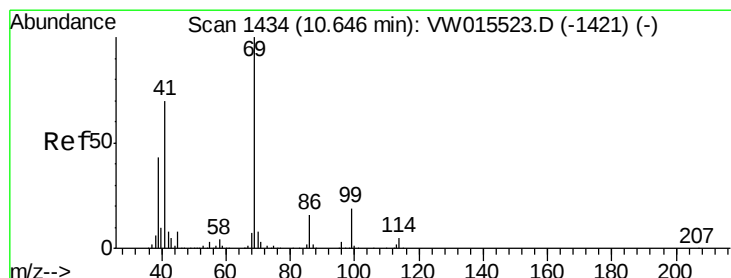
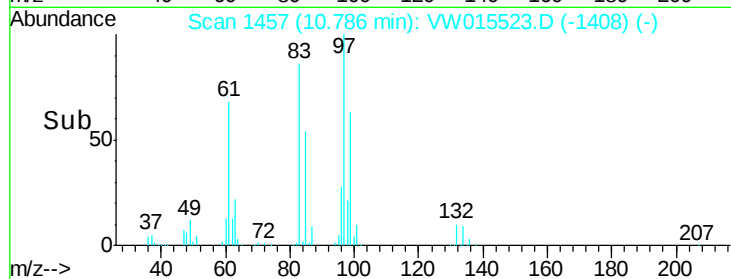
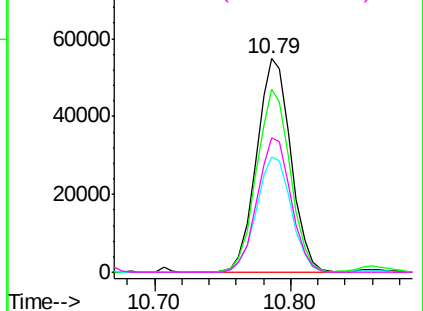
#55
 1,1,2-Trichloroethane
 Concen: 55.168 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	96581
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.6	102.8
85	54.0	43.2	64.8
99	63.1	50.5	75.7

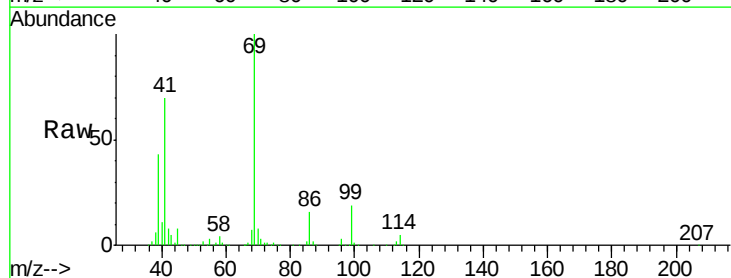


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

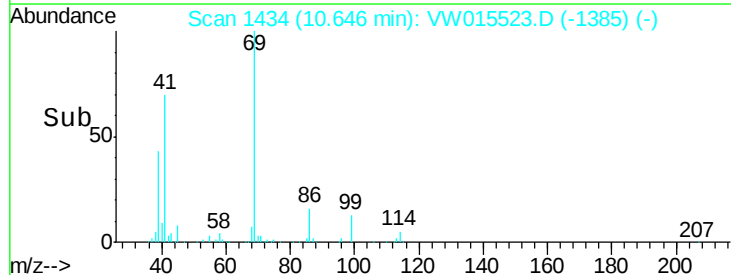
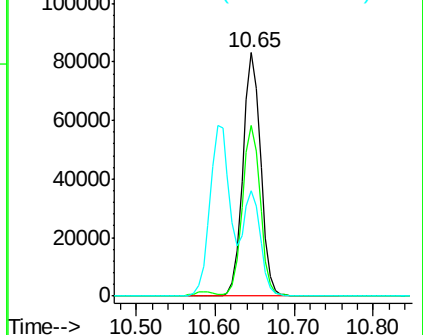


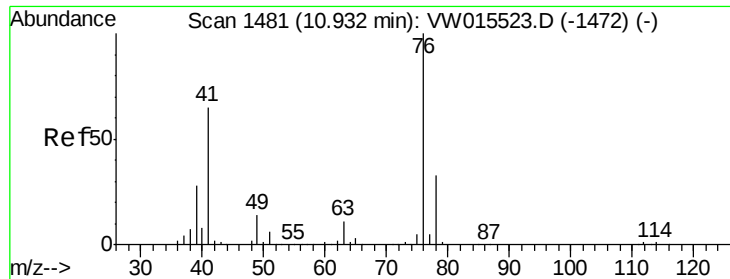
#56
 Ethyl methacrylate
 Concen: 54.671 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion:	69	Resp:	130730
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	41.6	33.3	49.9



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

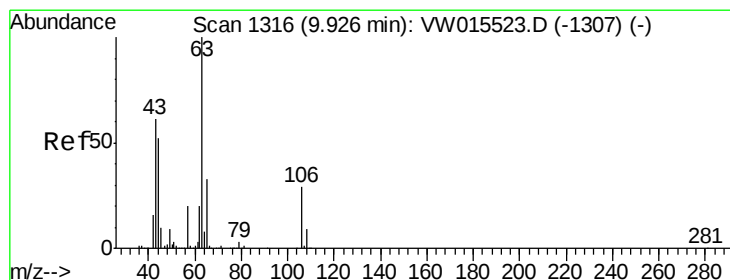
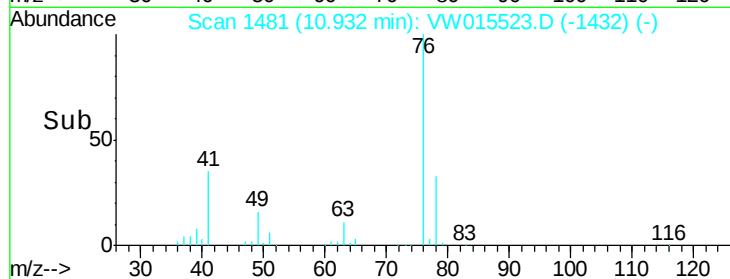
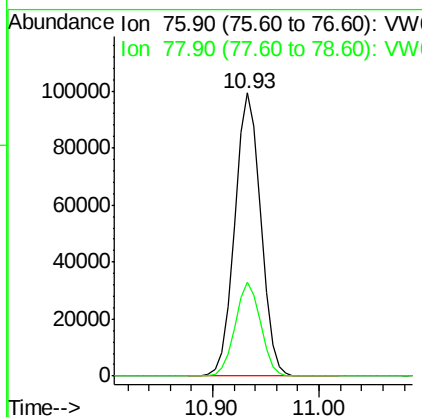
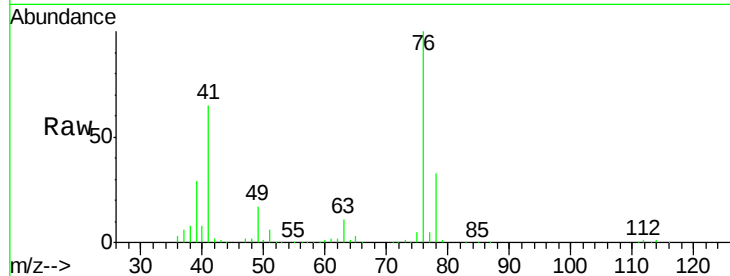




#57
 1,3-Dichloropropane
 Concen: 54.323 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

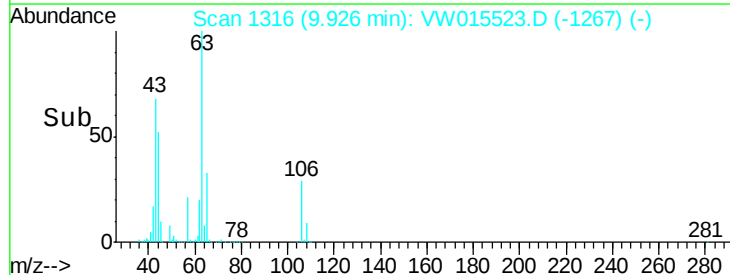
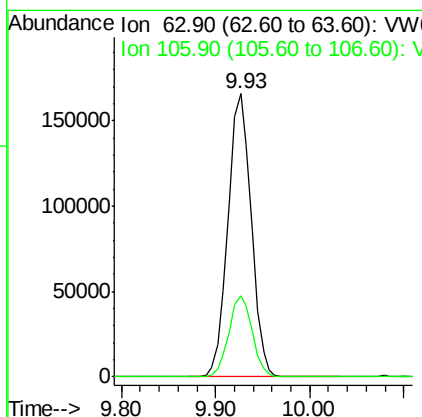
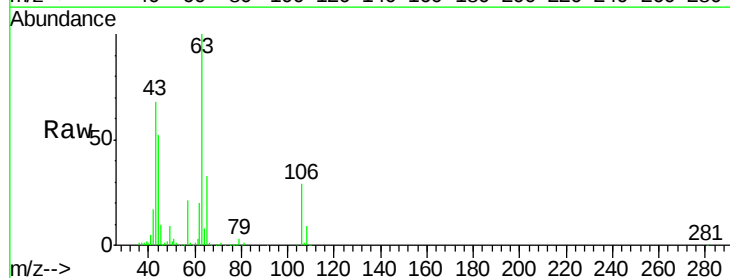
Instrument :
 MSVOA_W
 ClientSampled :

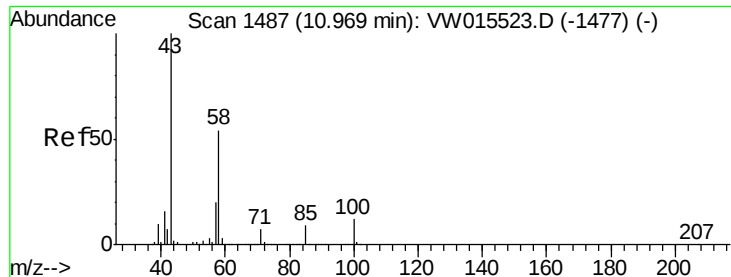
Tot Ion: 76 Resp: 170253
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.213 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 63 Resp: 284809
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

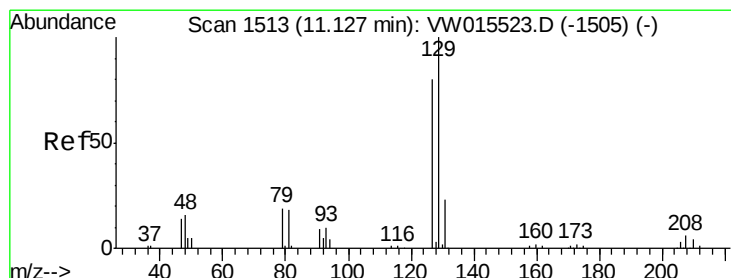
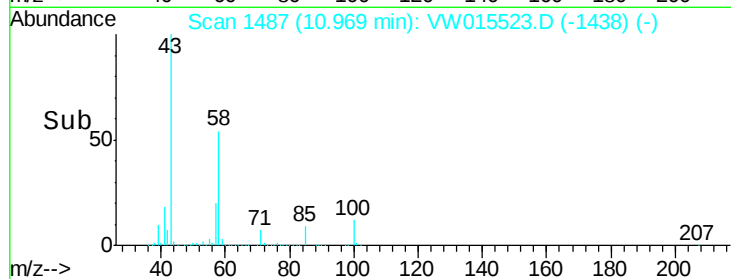
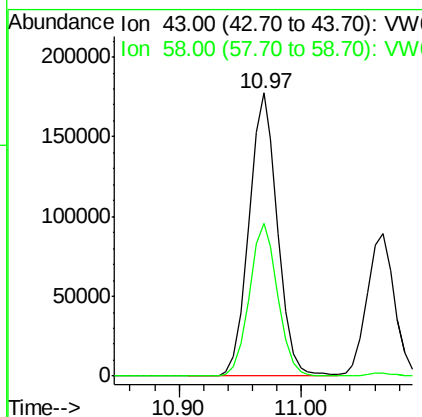
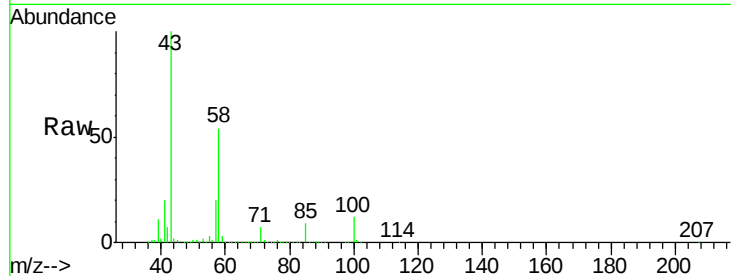




#59
2-Hexanone
Concen: 297.138 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

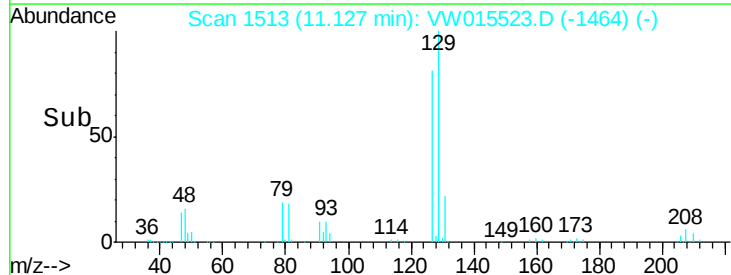
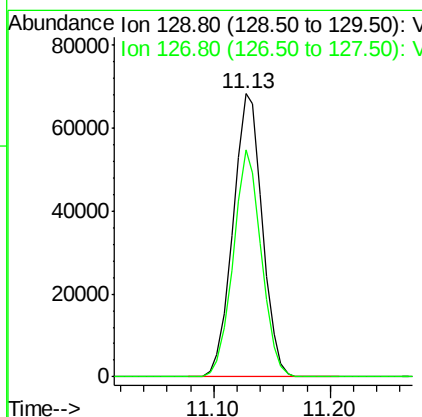
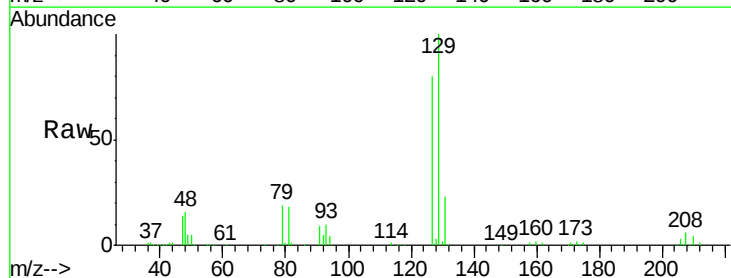
Instrument :
MSVOA_W
ClientSampleId :

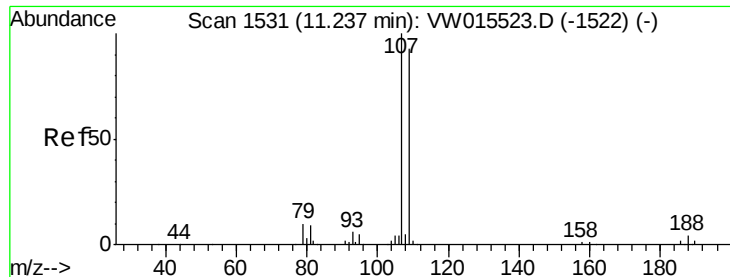
Tot Ion: 43 Resp: 287879
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3



#60
Dibromochloromethane
Concen: 56.509 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 129 Resp: 119222
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 56.502 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

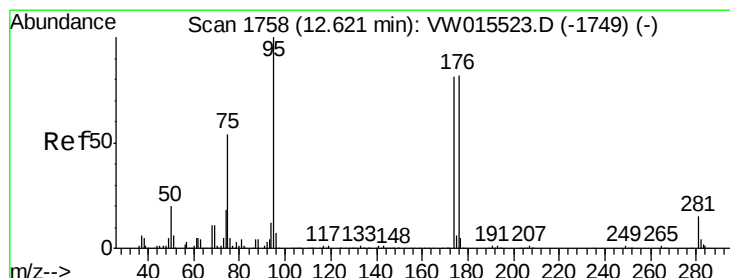
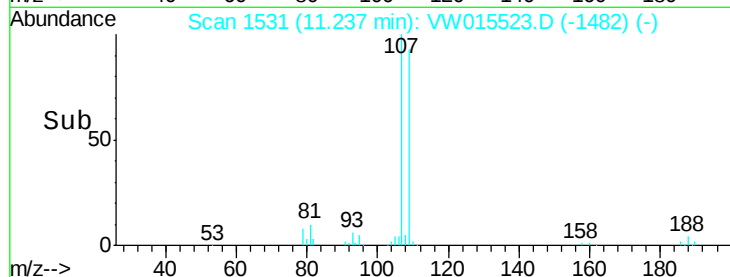
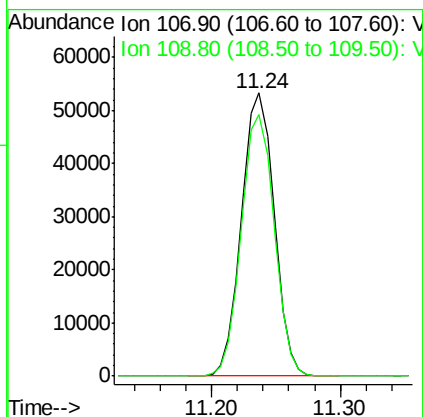
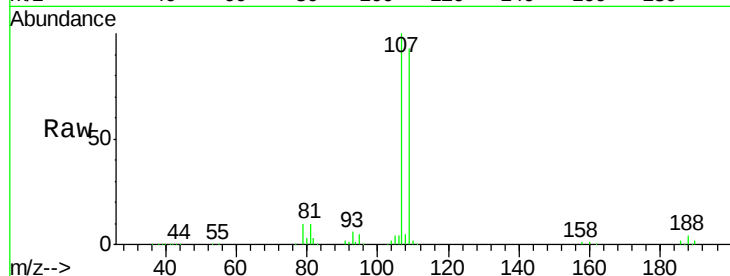
ClientSampled :

Tot Ion: 107 Resp: 93765

Ion Ratio Lower Upper

107 100

109 93.2 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 50.443 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

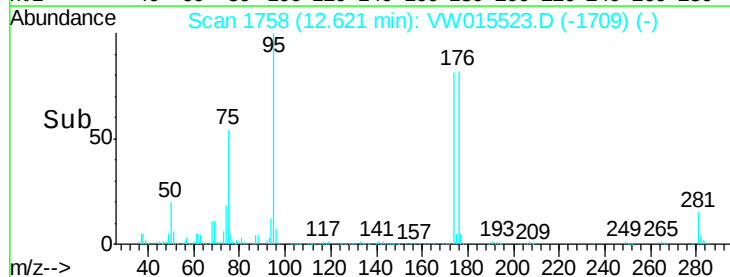
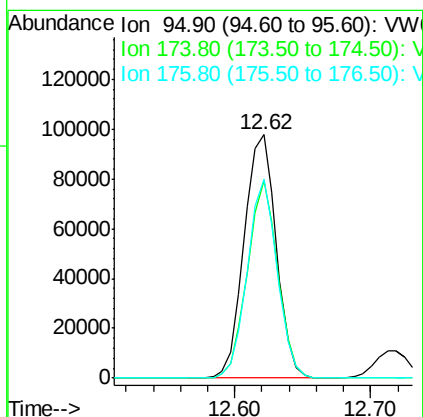
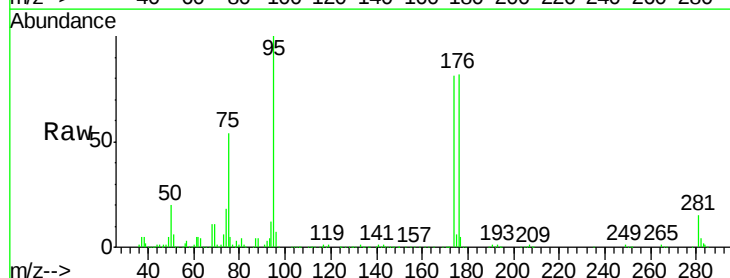
Tgt Ion: 95 Resp: 161671

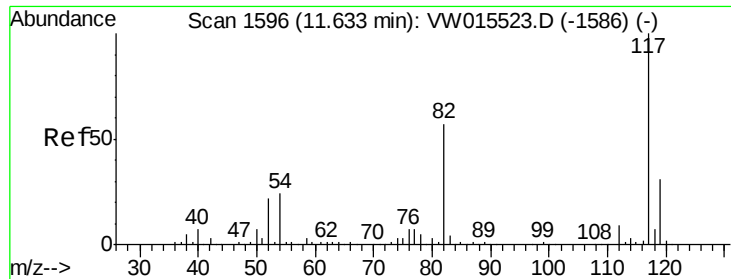
Ion Ratio Lower Upper

95 100

174 76.8 0.0 153.6

176 76.4 0.0 152.8

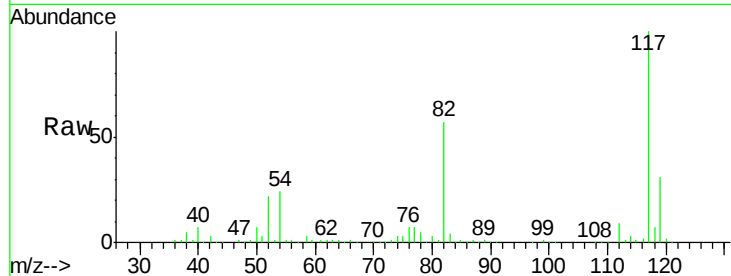




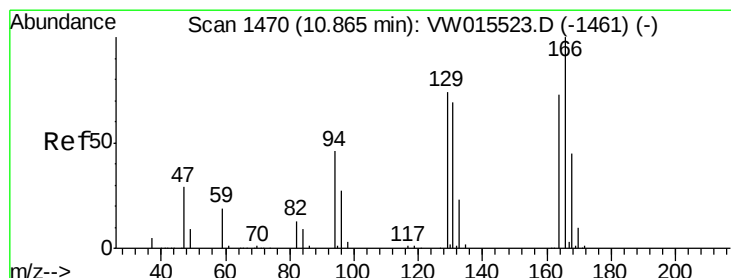
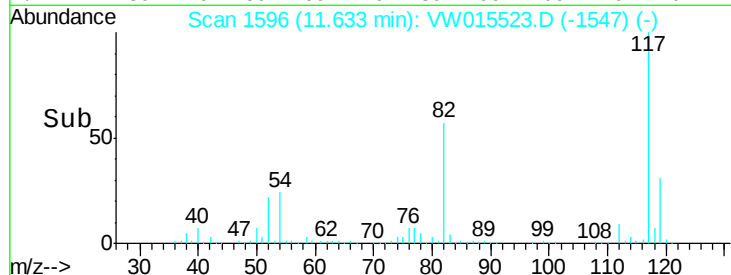
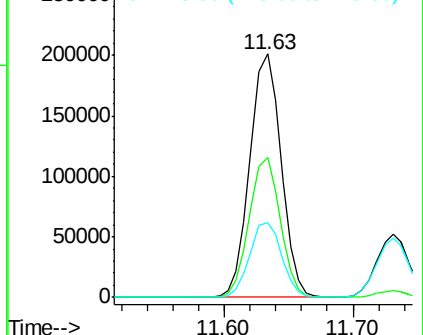
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 337289
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 30.9 24.7 37.1

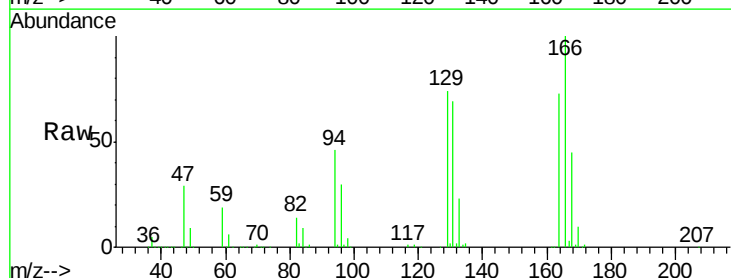


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

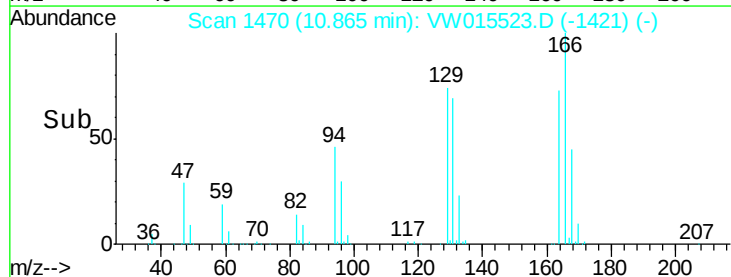
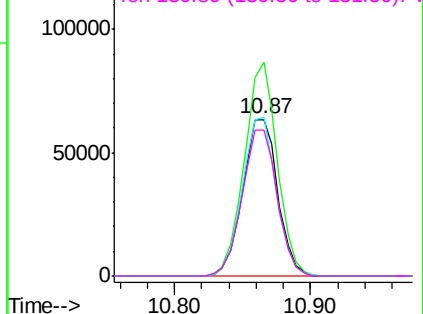


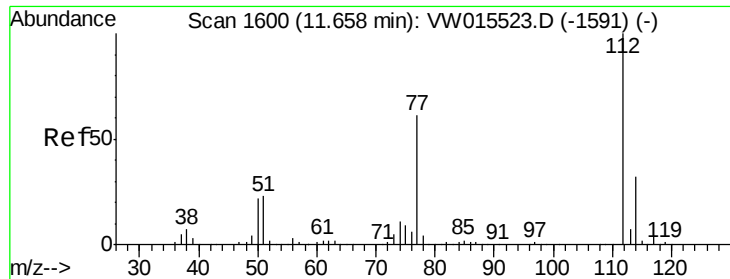
#64
Tetrachloroethene
Concen: 54.429 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:164 Resp: 113999
Ion Ratio Lower Upper
164 100
166 136.3 109.0 163.6
129 101.2 81.0 121.4
131 93.5 74.8 112.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

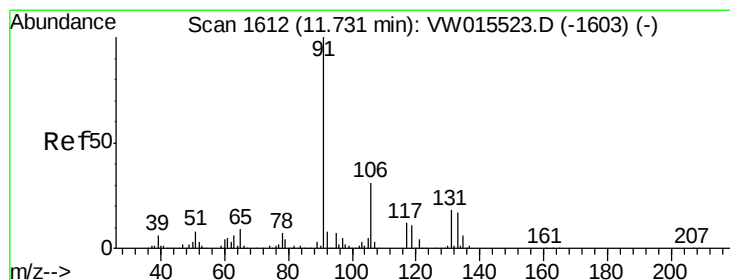
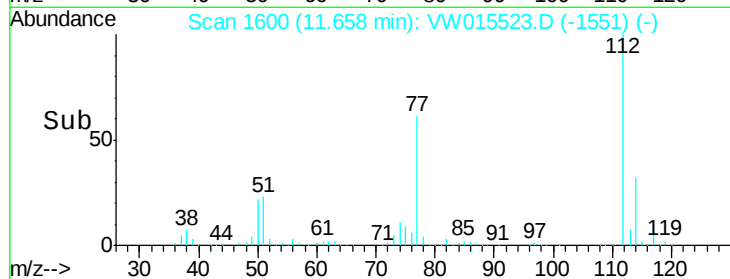
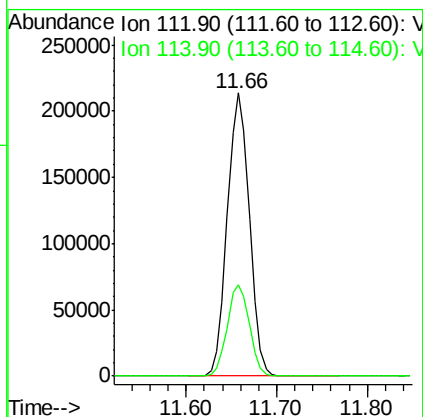
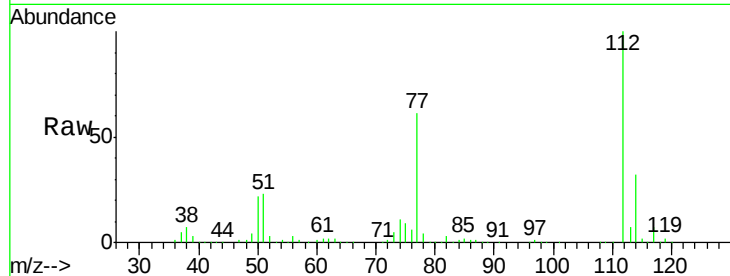




#65
Chlorobenzene
Concen: 53.469 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

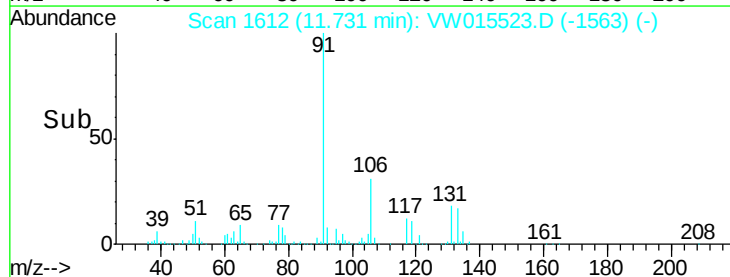
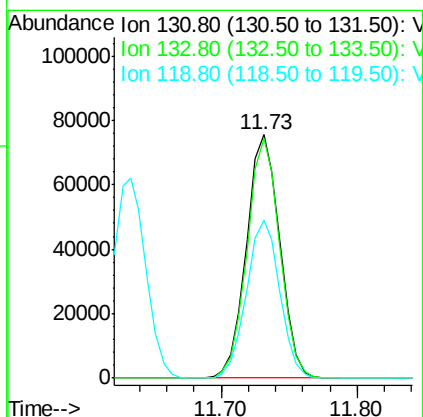
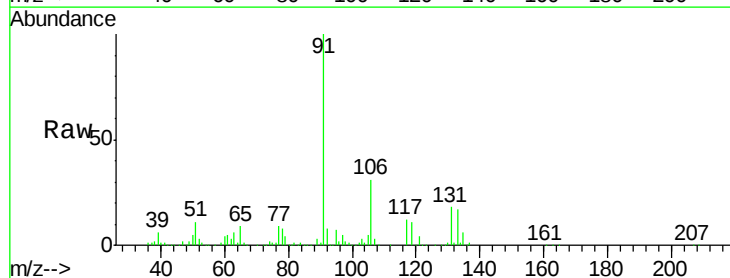
Instrument :
MSVOA_W
ClientSampleId :

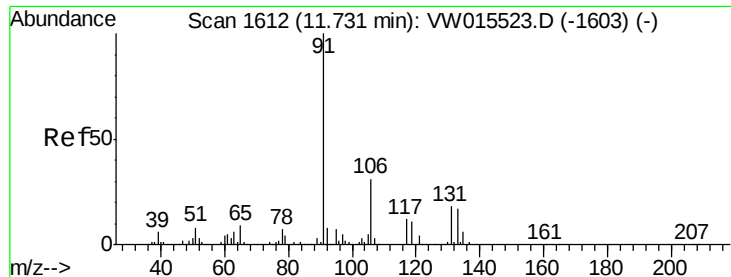
Tot Ion:112 Resp: 360560
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.000 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:131 Resp: 129381
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 65.0 32.5 97.5

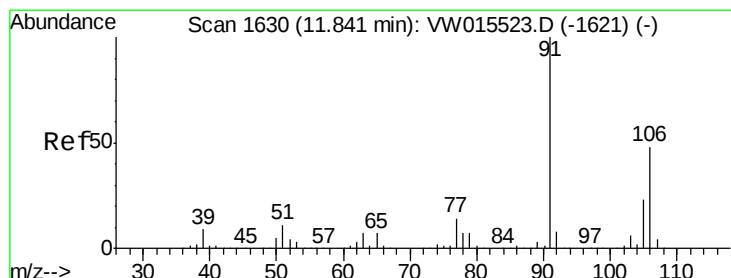
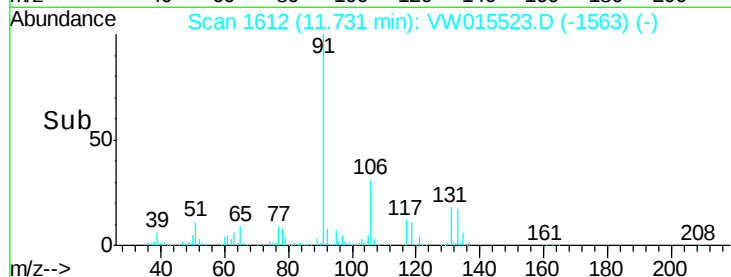
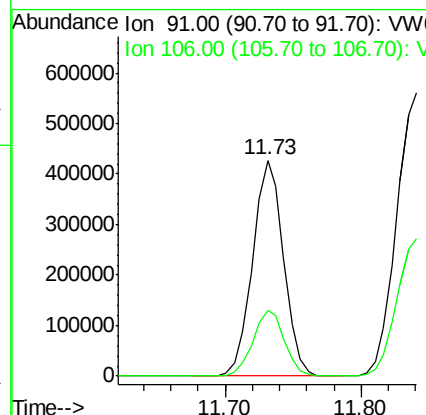
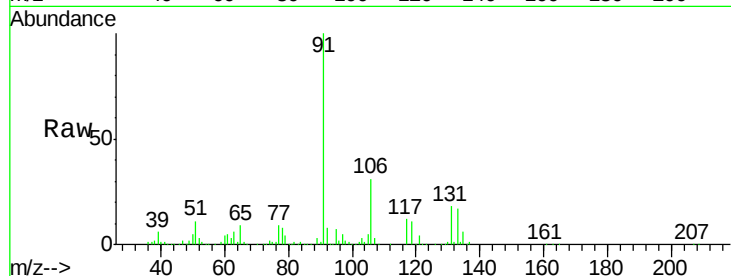




#67
Ethyl Benzene
Concen: 52.804 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

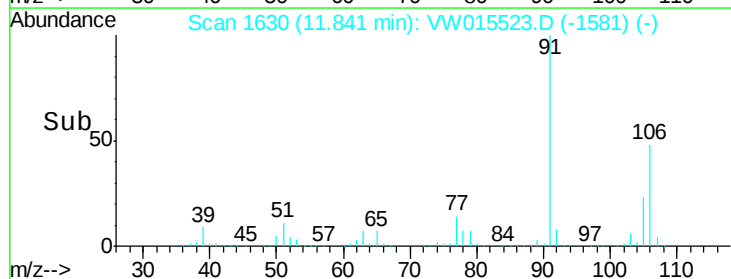
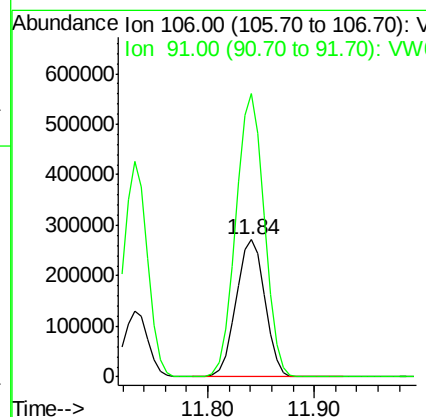
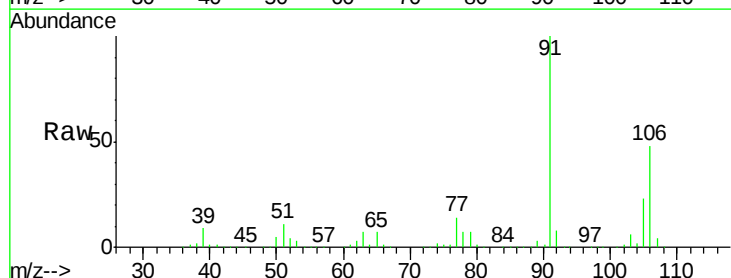
Instrument :
MSVOA_W
ClientSampleId :

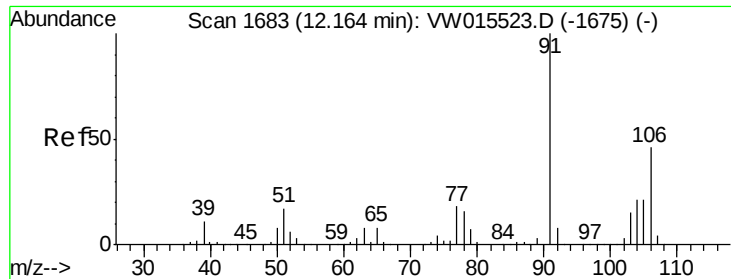
Tot Ion: 91 Resp: 680100
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 107.098 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion: 106 Resp: 513532
Ion Ratio Lower Upper
106 100
91 204.4 163.5 245.3

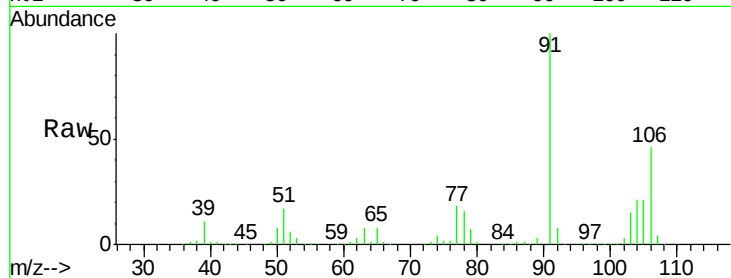




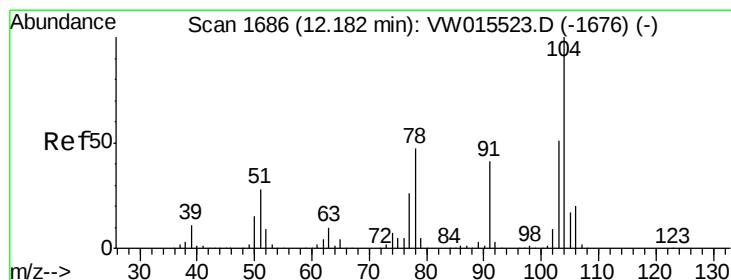
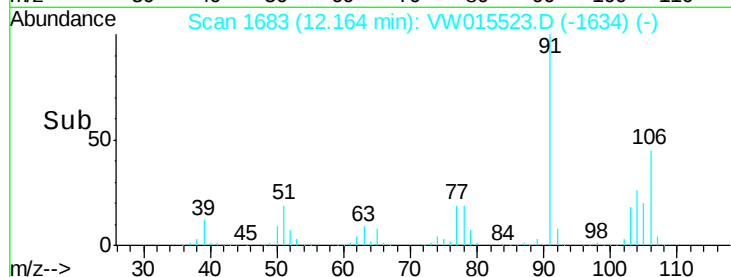
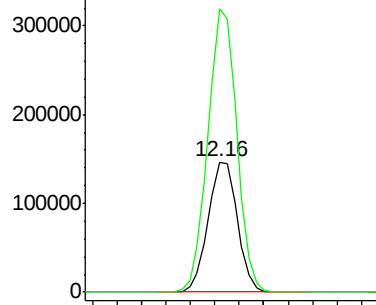
#69
o-Xylene
Concen: 53.761 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 241869
Ion Ratio Lower Upper
106 100
91 215.6 107.8 323.4

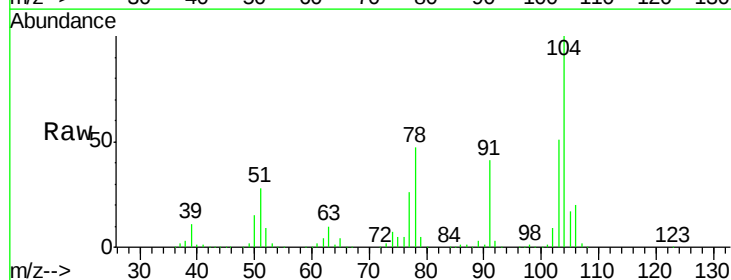


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

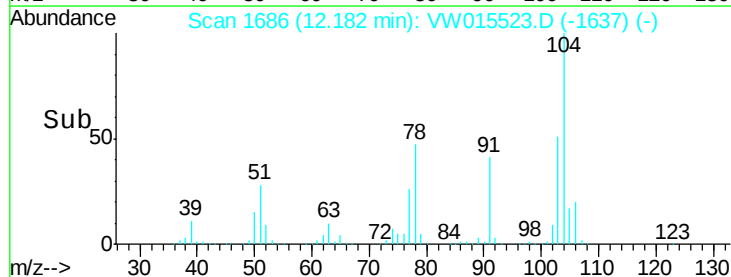
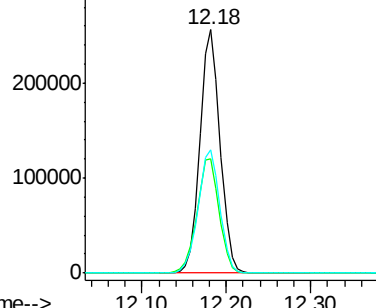


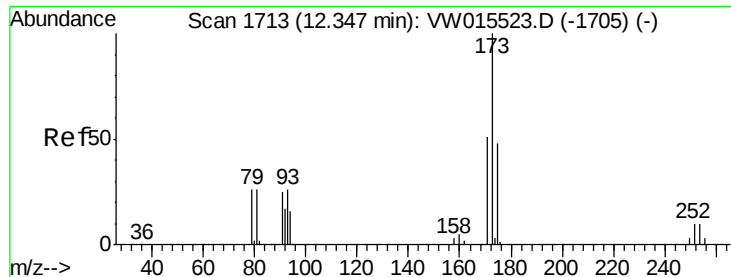
#70
Styrene
Concen: 53.823 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:104 Resp: 416872
Ion Ratio Lower Upper
104 100
78 52.1 41.7 62.5
103 54.8 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 57.118 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

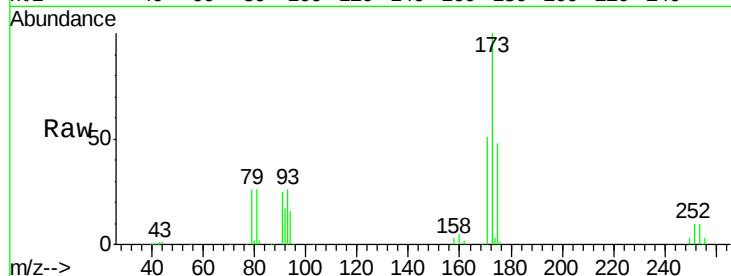
Tot Ion:173 Resp: 67019

Ion Ratio Lower Upper

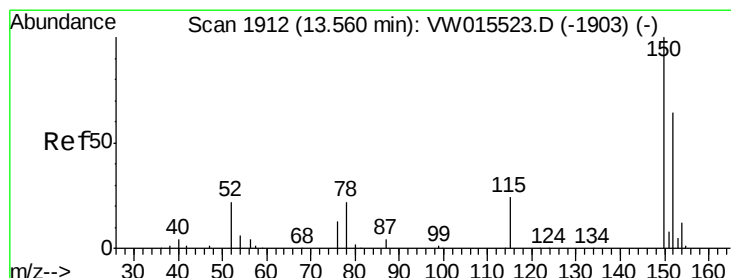
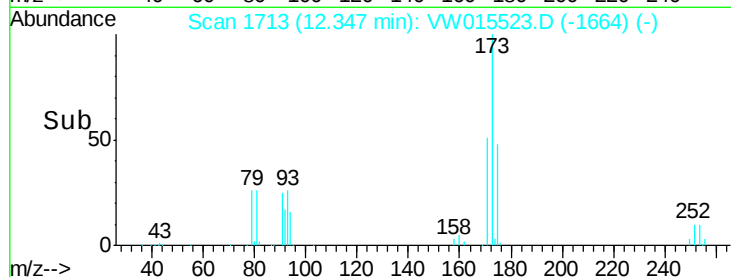
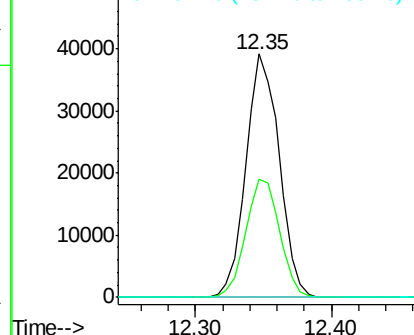
173 100

175 49.5 24.8 74.3

254 0.0 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: VW015523.D

Acq: 02 Jun 2020 12:36

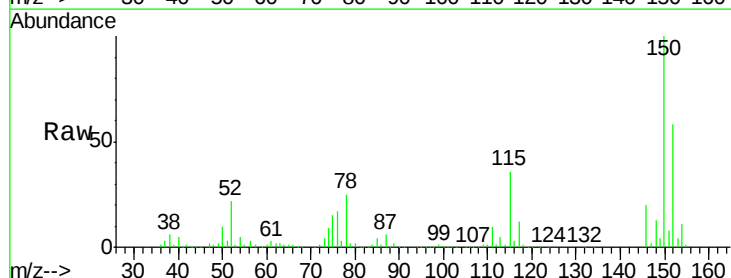
Tgt Ion:152 Resp: 170625

Ion Ratio Lower Upper

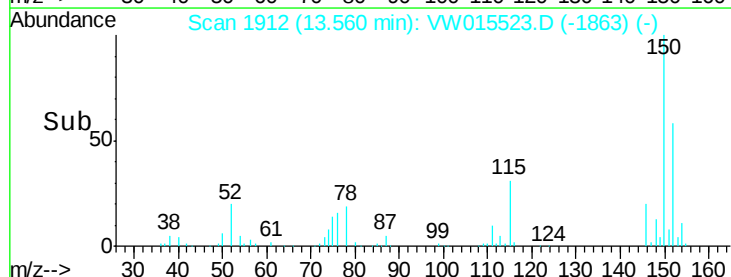
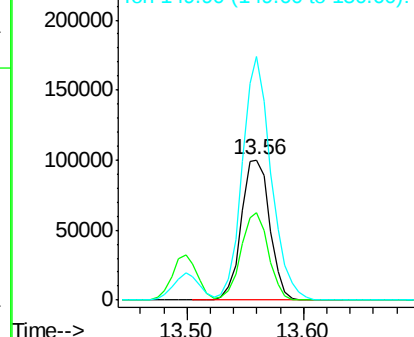
152 100

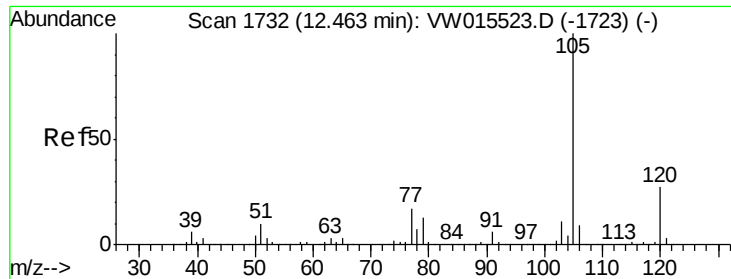
115 60.0 30.0 90.0

150 175.5 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: 52.681 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

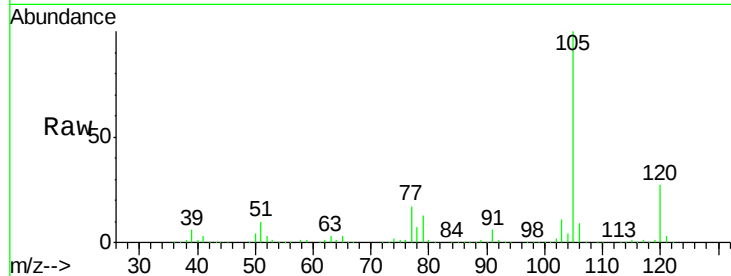
ClientSampleId :

Tot Ion:105 Resp: 680132

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

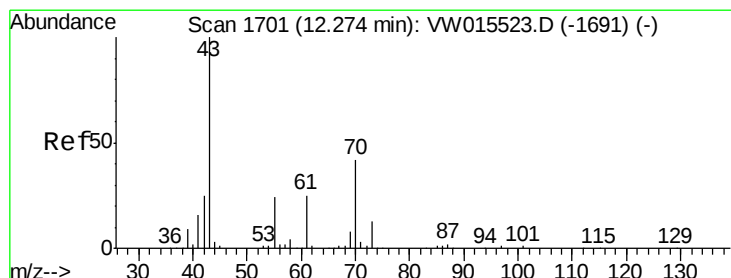
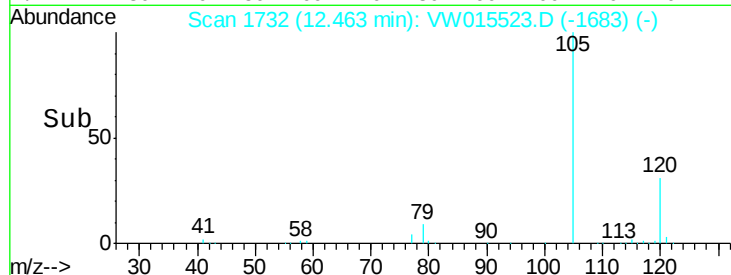
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.174 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Tgt Ion: 43 Resp: 159586

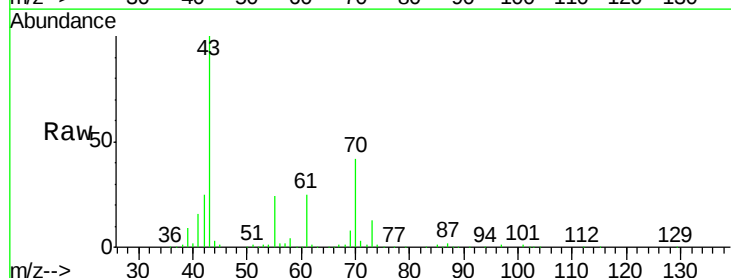
Ion Ratio Lower Upper

43 100

70 42.0 33.6 50.4

55 23.9 19.1 28.7

61 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

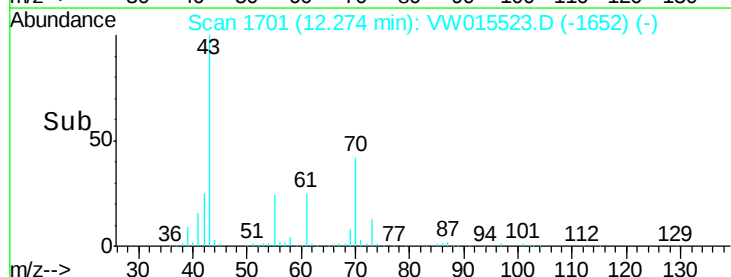
150000

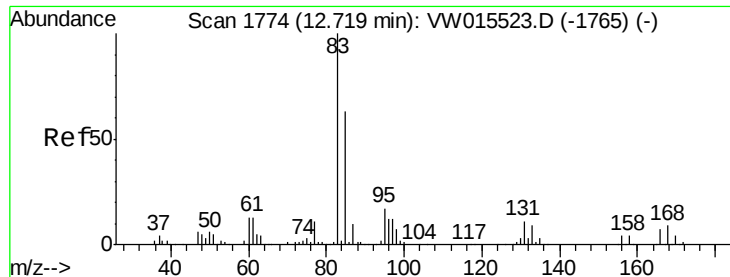
100000

50000

0

Time-->

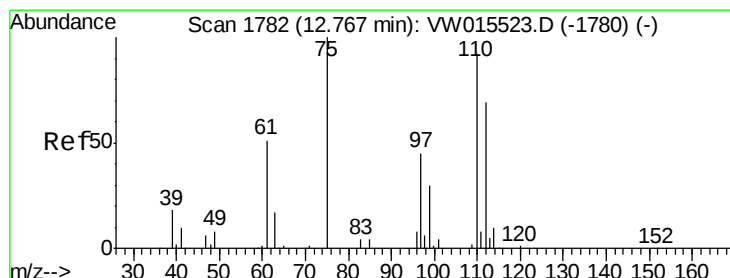
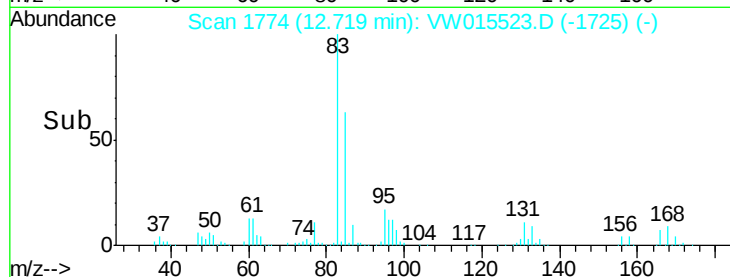
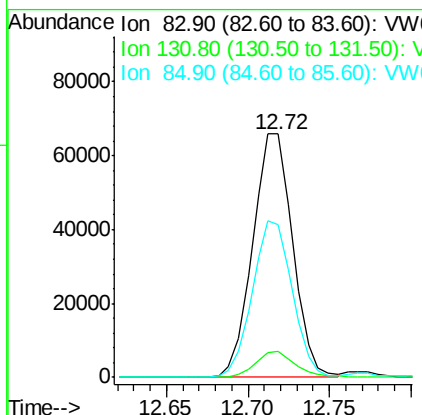
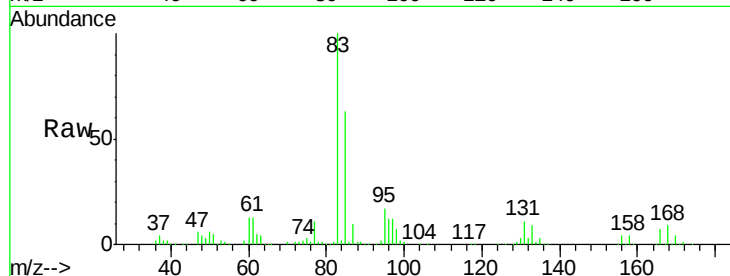




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.995 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

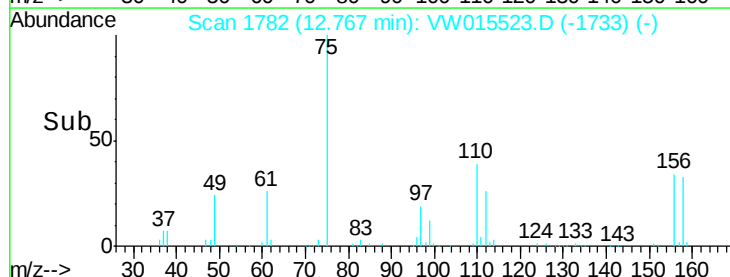
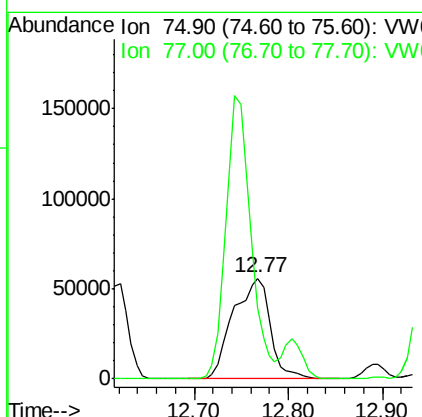
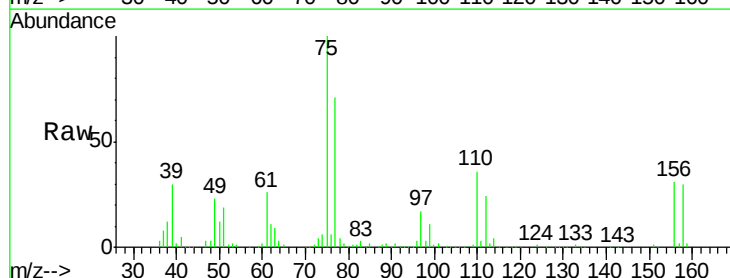
Instrument :
 MSVOA_W
 ClientSampleId :

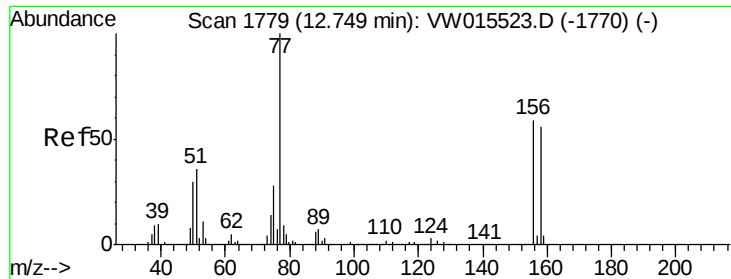
Tot Ion	83	Resp	112174
Ion Ratio	100		
Lower	5.3		
Upper	16.1		
85	64.0	32.0	96.0



#76
 1,2,3-Trichloropropane
 Concen: 108.968 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion	75	Resp	153084
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.240 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

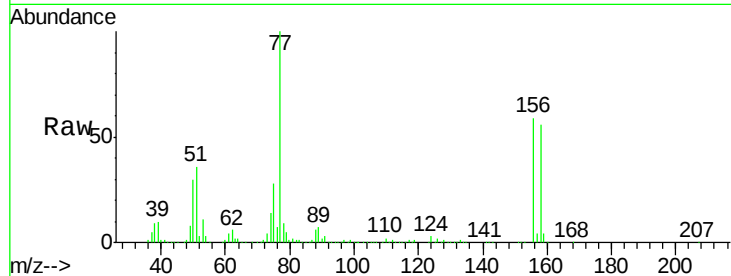
Tot Ion:156 Resp: 149445

Ion Ratio Lower Upper

156 100

77 194.5 97.3 291.8

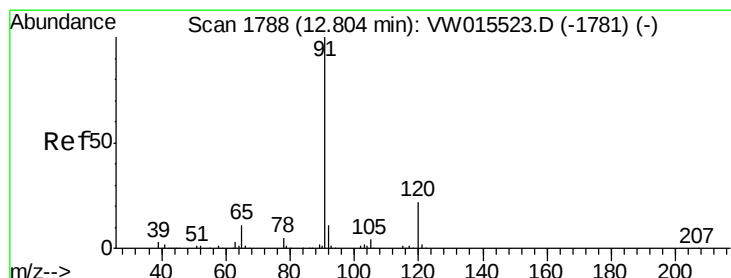
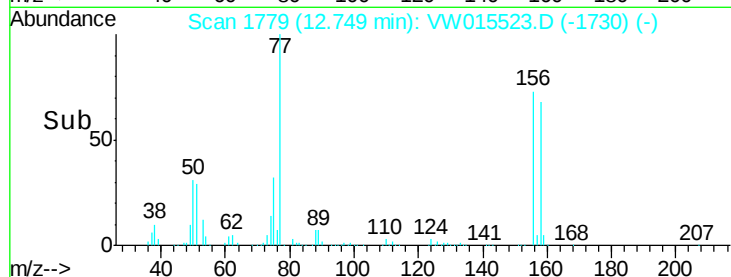
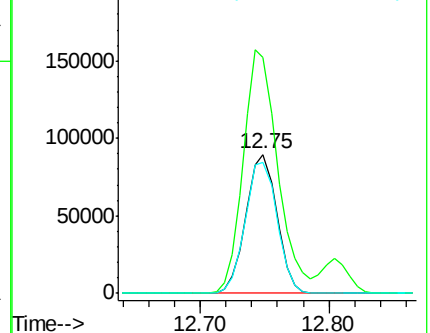
158 97.1 48.5 145.6



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: 52.614 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015523.D

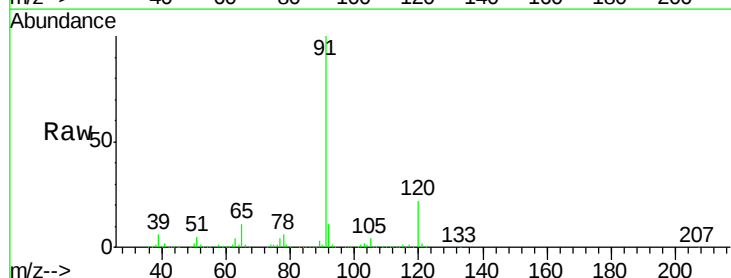
Acq: 02 Jun 2020 12:36

Tgt Ion: 91 Resp: 813839

Ion Ratio Lower Upper

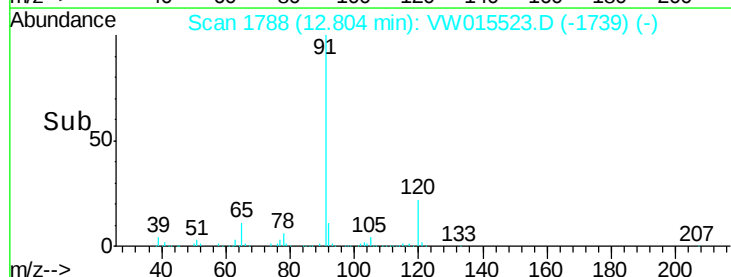
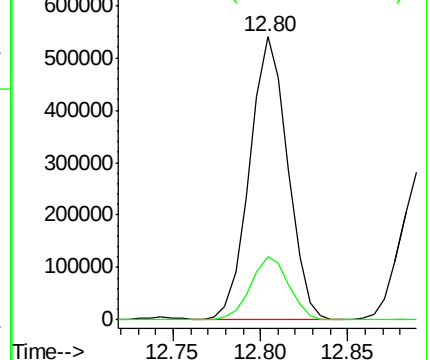
91 100

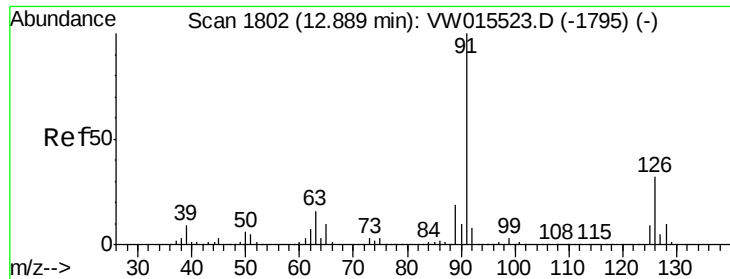
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

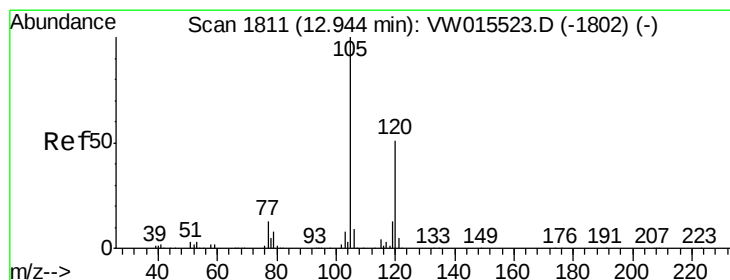
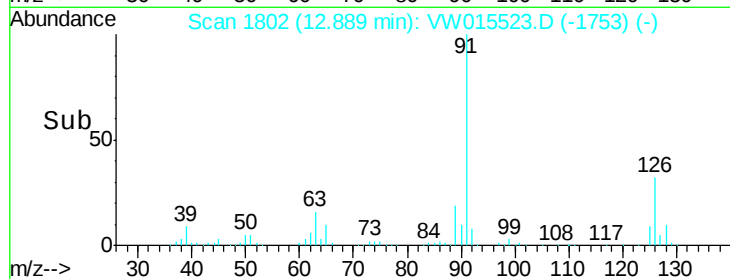
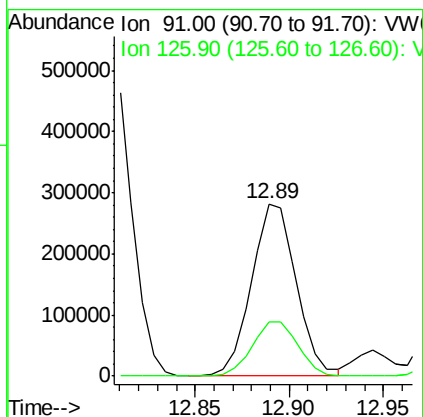
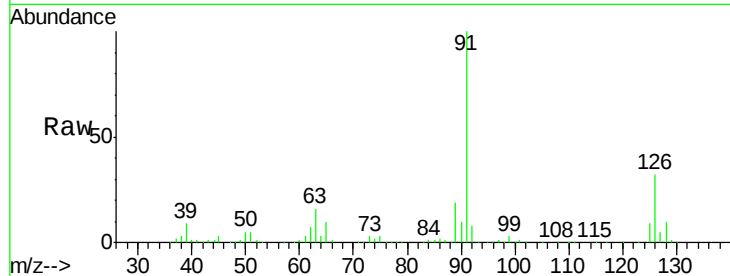




#79
 2-Chlorotoluene
 Concen: 53.074 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

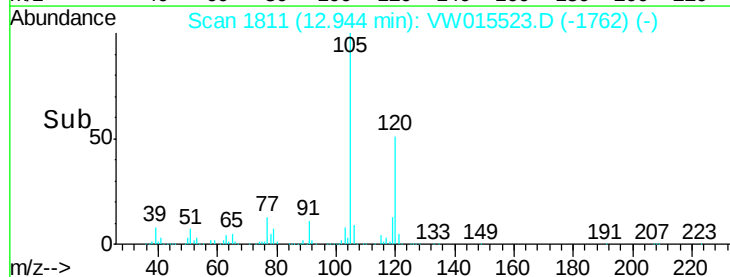
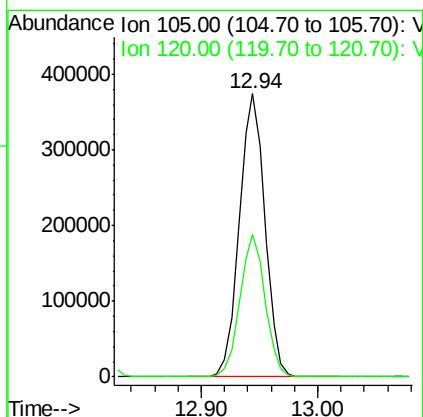
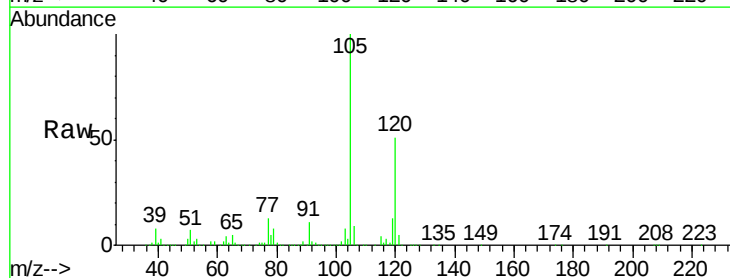
Instrument :
 MSVOA_W
 ClientSampled :

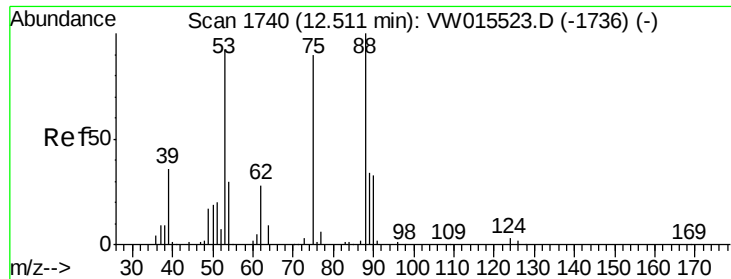
Tot Ion: 91 Resp: 463279
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.751 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion: 105 Resp: 572151
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 53.964 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampleId :

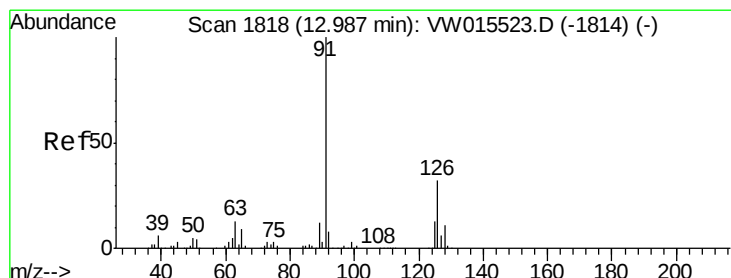
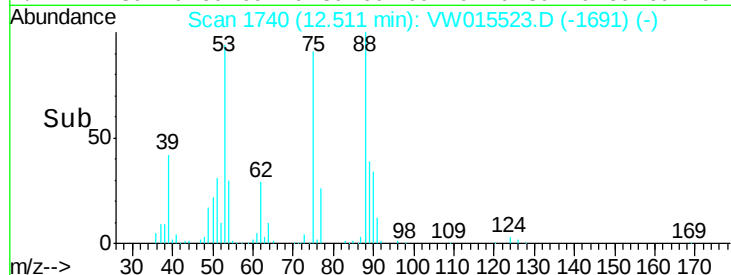
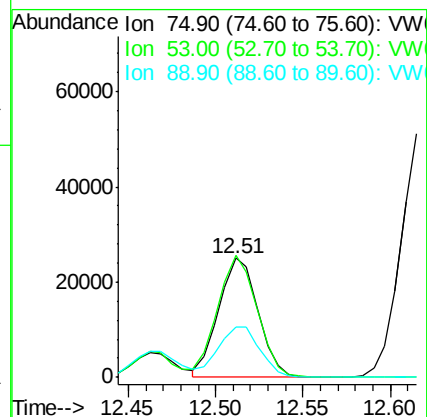
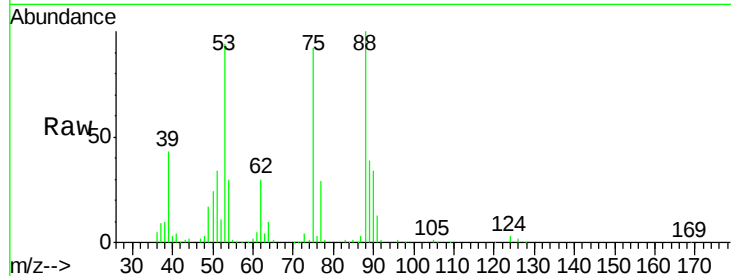
Tot Ion: 75 Resp: 38995

Ion Ratio Lower Upper

75 100

53 105.0 84.0 126.0

89 45.8 36.6 55.0



#82

4-Chlorotoluene

Concen: 52.137 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015523.D

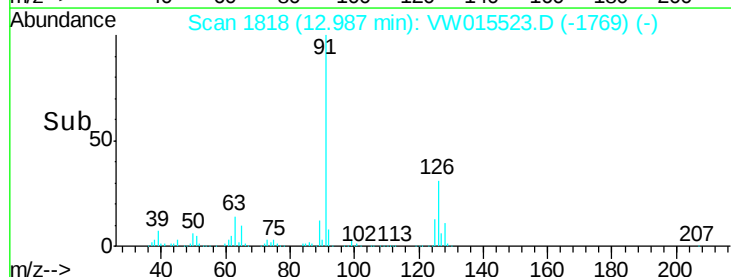
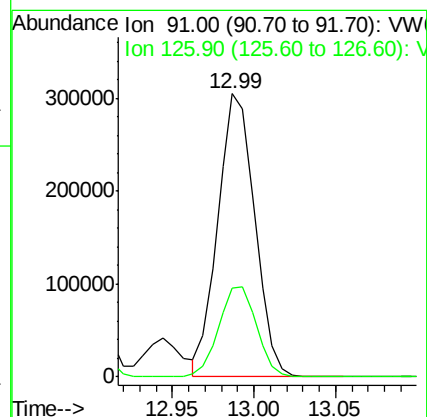
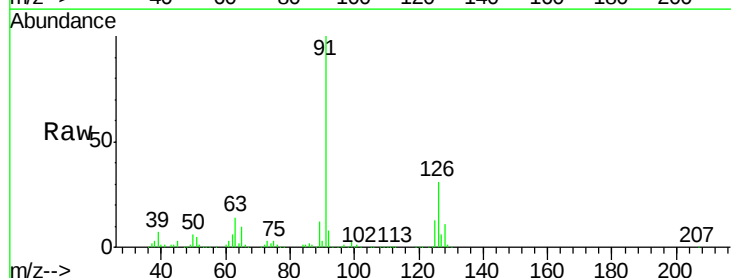
Acq: 02 Jun 2020 12:36

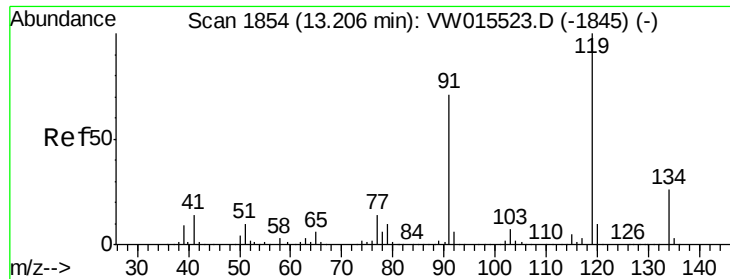
Tgt Ion: 91 Resp: 480640

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4

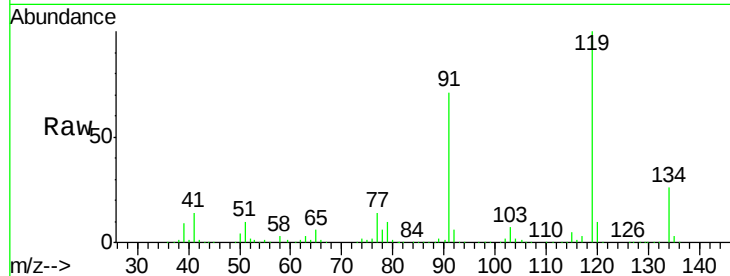




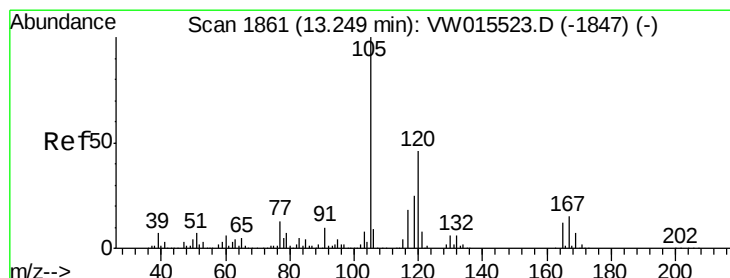
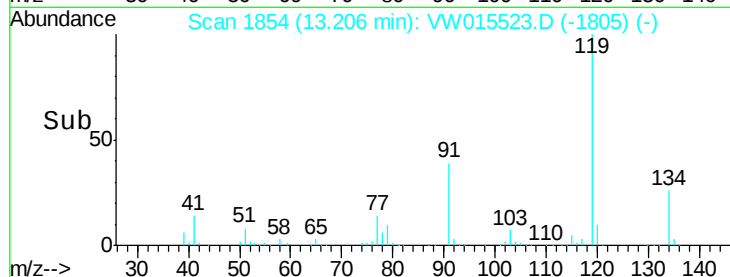
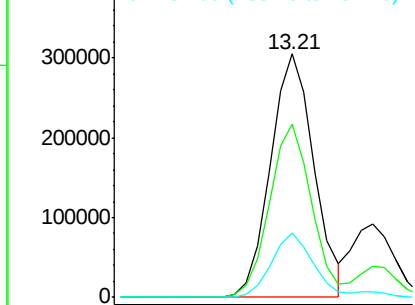
#83
tert-Butylbenzene
Concen: 52.668 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 487410
Ion Ratio Lower Upper
119 100
91 68.3 34.2 102.5
134 25.4 12.7 38.1

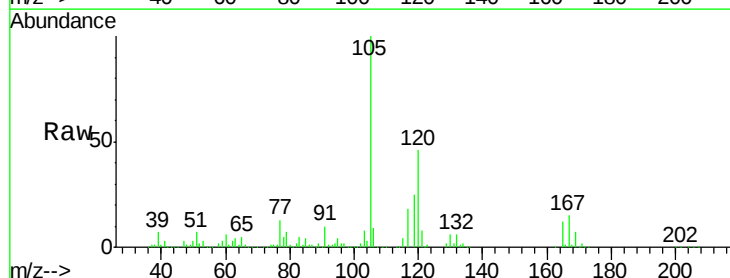


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

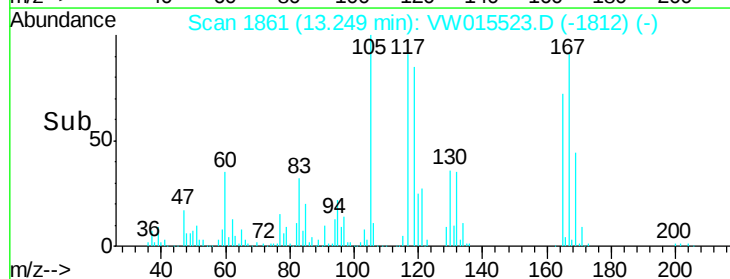
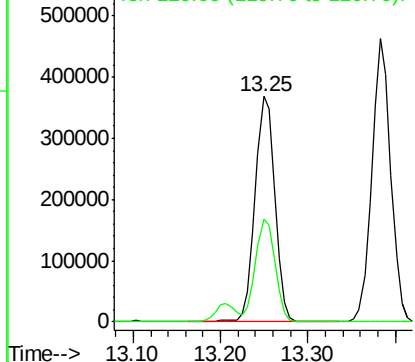


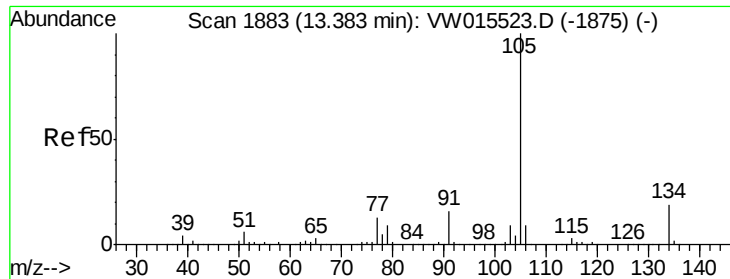
#84
1,2,4-Trimethylbenzene
Concen: 53.230 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:105 Resp: 577952
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

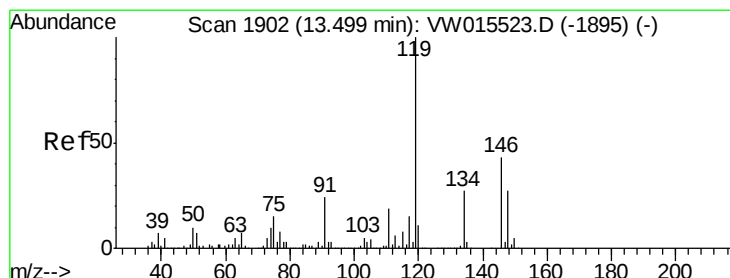
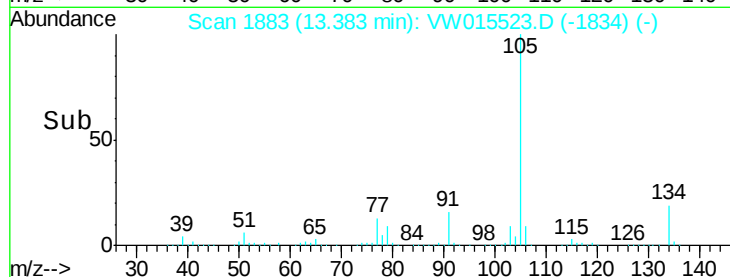
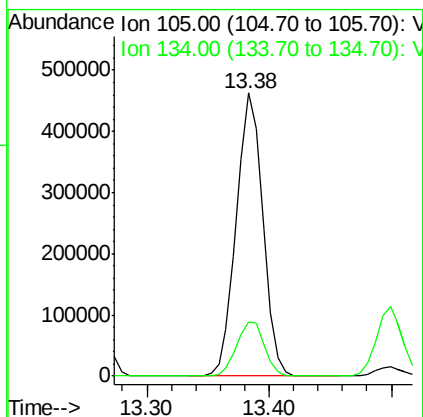
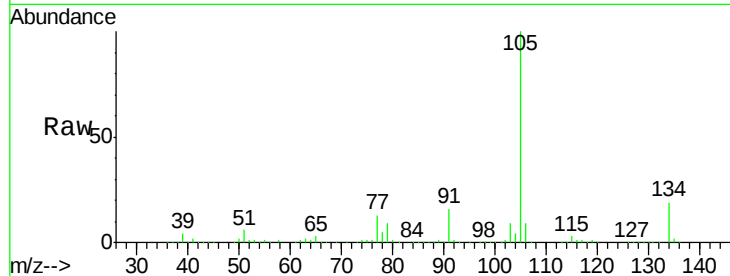




#85
 sec-Butylbenzene
 Concen: 53.208 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

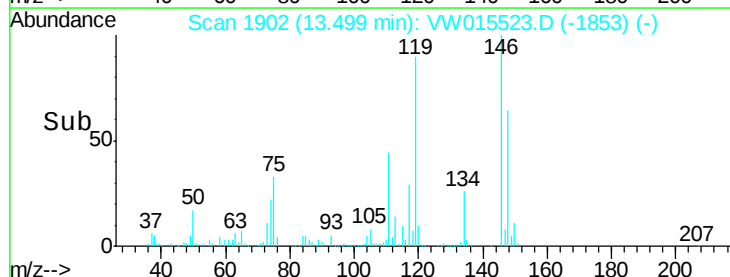
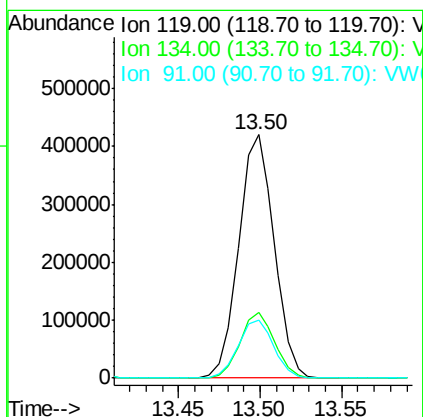
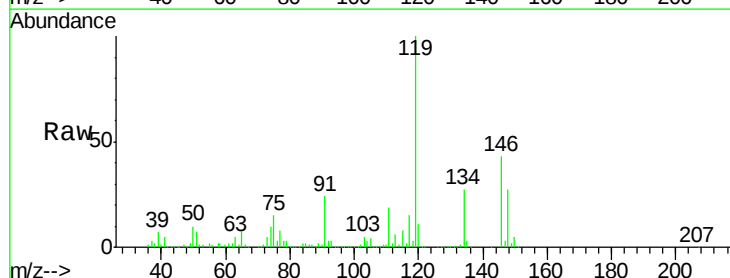
Instrument :
 MSVOA_W
 ClientSampleId :

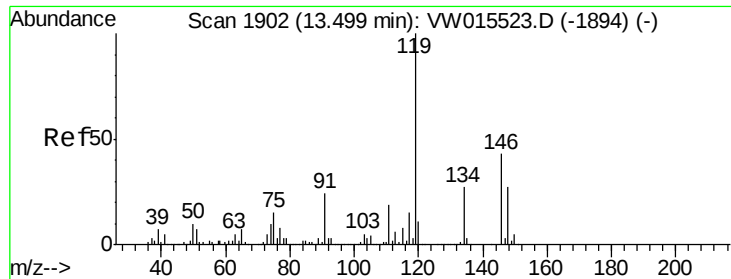
Tot Ion:105 Resp: 693774
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 53.409 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion:119 Resp: 635093
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 53.860 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015523.D

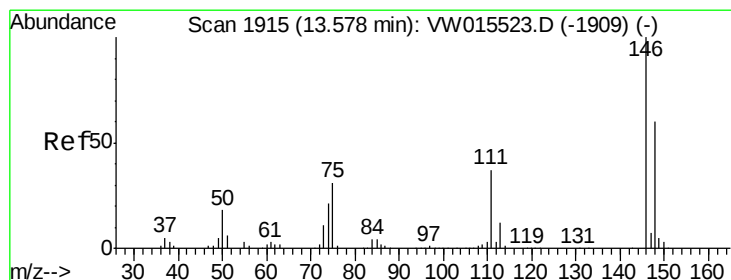
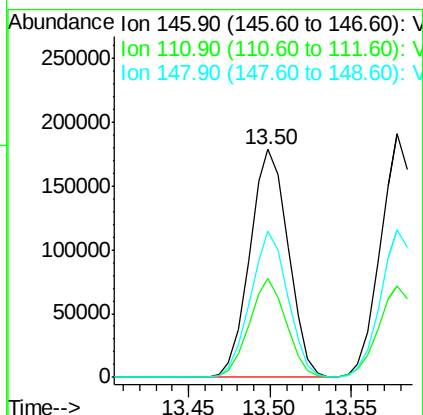
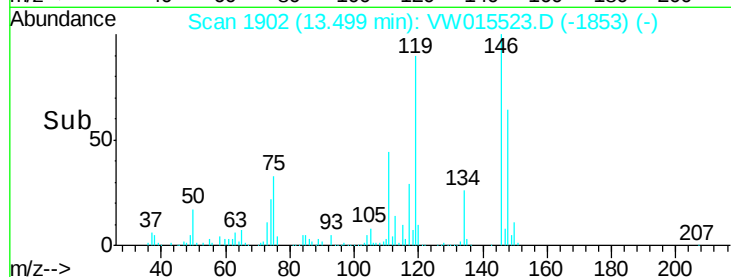
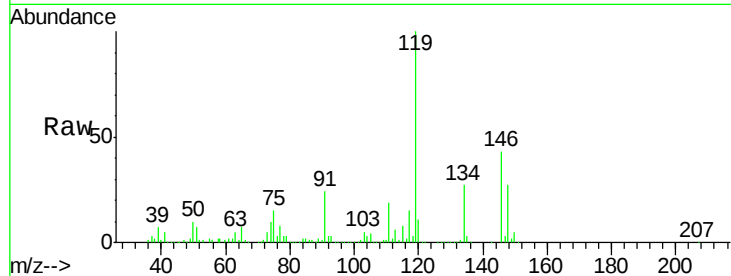
Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	293413
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	62.4	31.2	93.6



#88

1,4-Dichlorobenzene

Concen: 54.482 ug/l

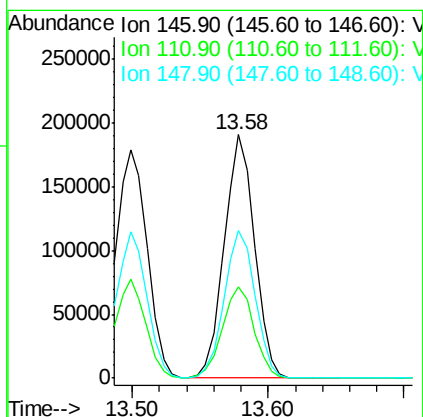
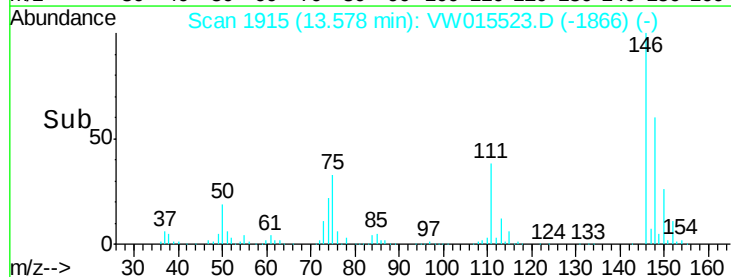
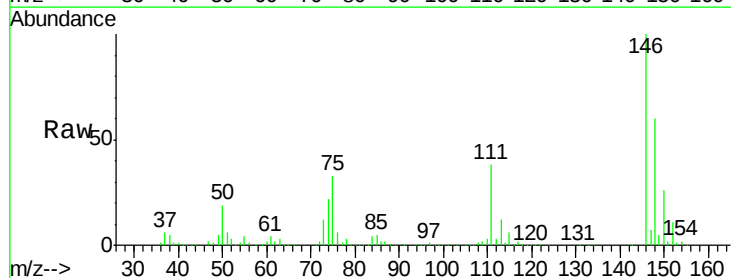
RT: 13.58 min Scan# 1915

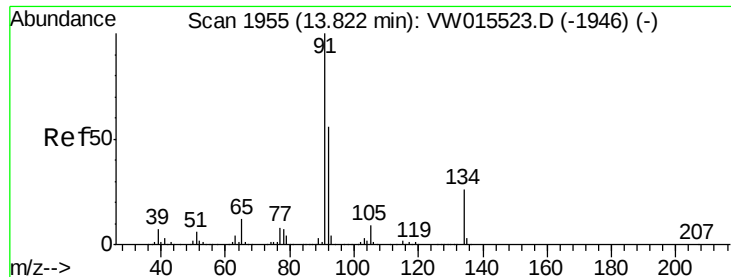
Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Tgt Ion:	146	Resp:	295141
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	61.8	30.9	92.7





#89

n-Butylbenzene

Concen: 52.582 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015523.D

Acq: 02 Jun 2020 12:36

Instrument :

MSVOA_W

ClientSampled :

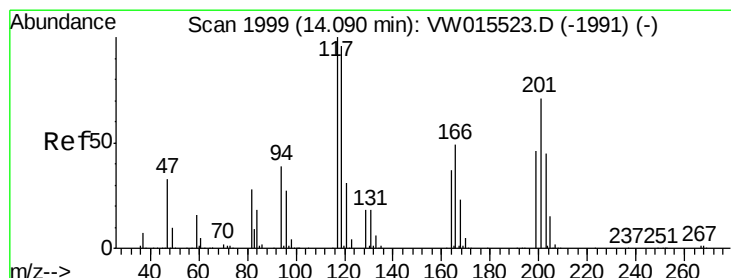
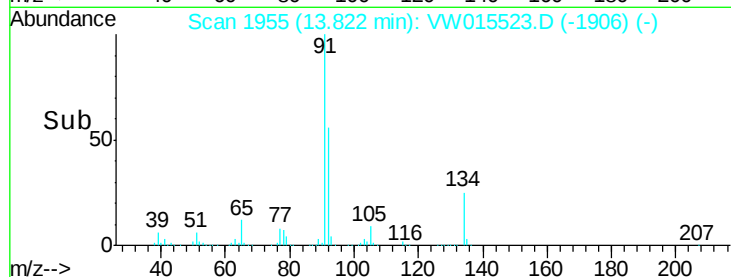
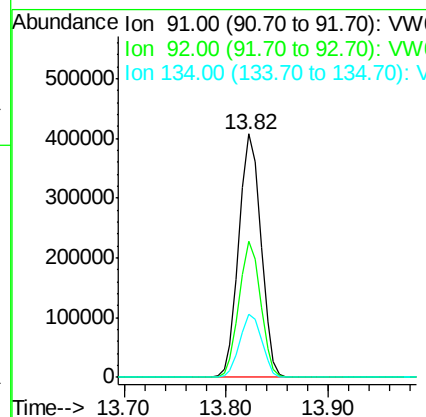
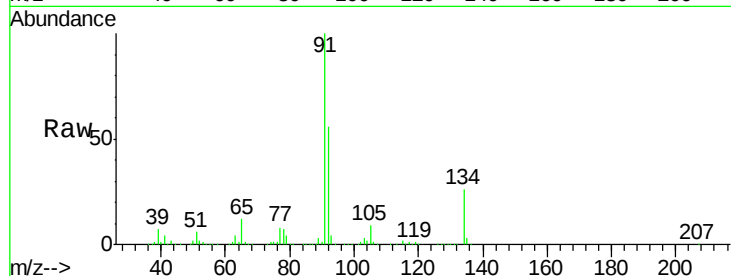
Tot Ion: 91 Resp: 608911

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

134 26.1 13.1 39.1



#90

Hexachloroethane

Concen: 52.864 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015523.D

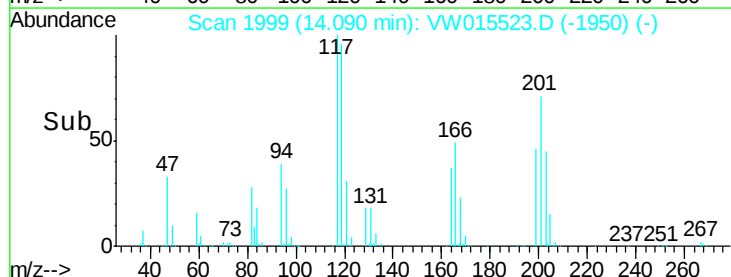
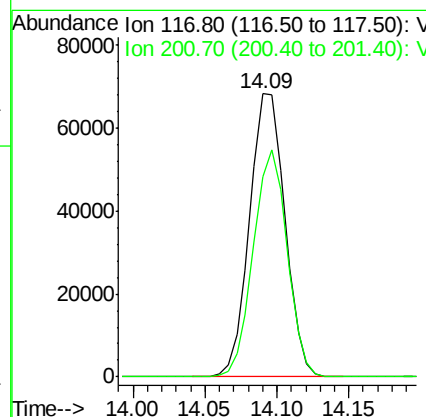
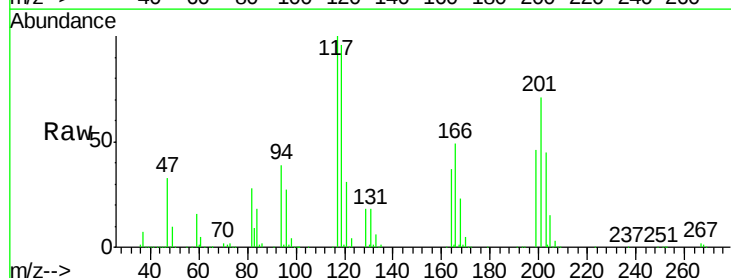
Acq: 02 Jun 2020 12:36

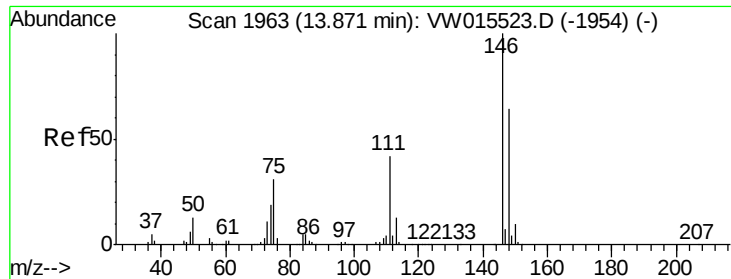
Tgt Ion: 117 Resp: 116067

Ion Ratio Lower Upper

117 100

201 76.9 38.5 115.3

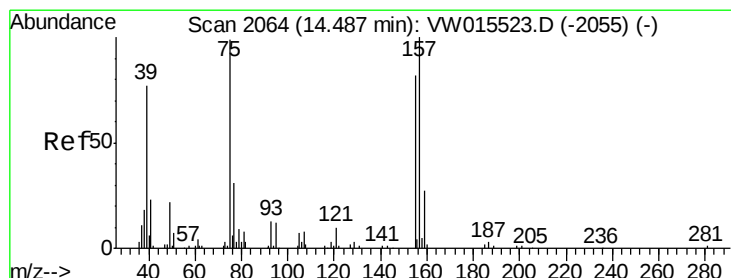
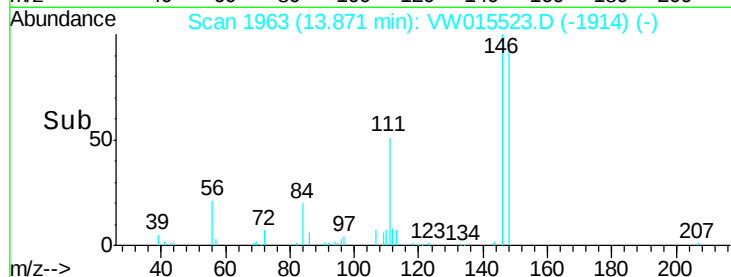
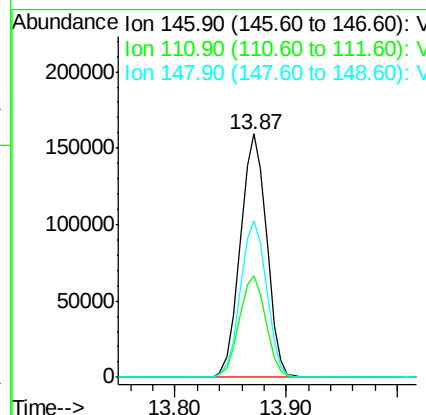
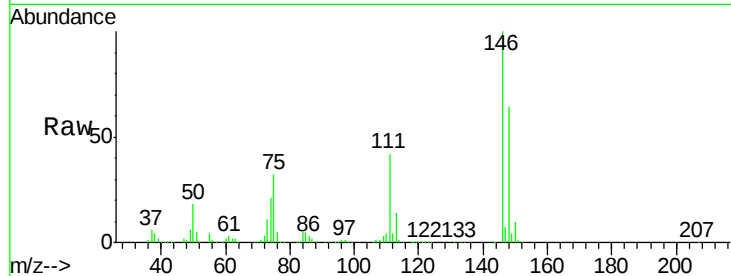




#91
 1,2-Dichlorobenzene
 Concen: 54.612 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

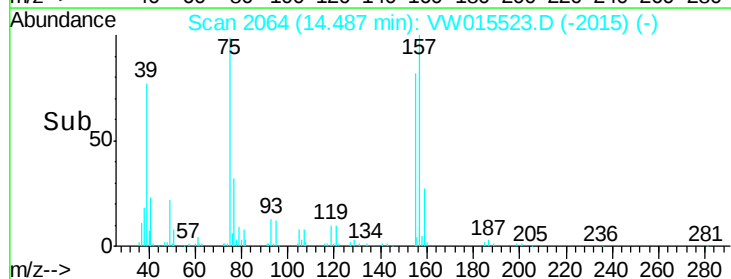
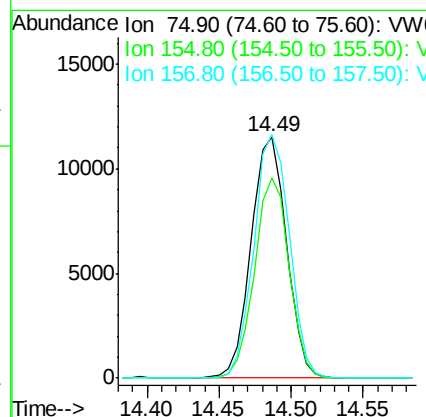
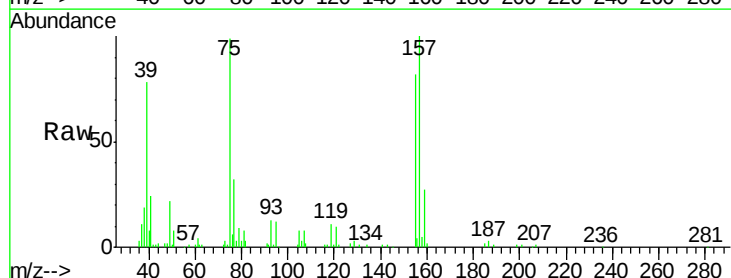
Instrument :
 MSVOA_W
 ClientSampleId :

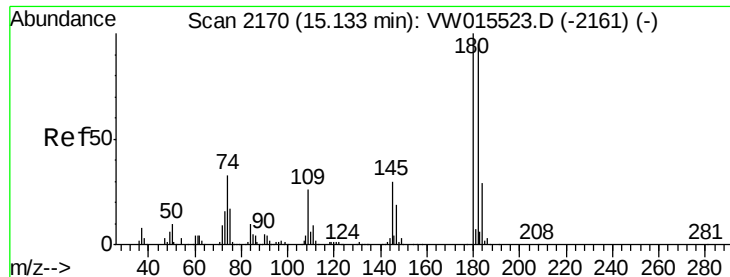
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	64.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.936 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	40.4	121.1
157	101.1	50.5	151.6

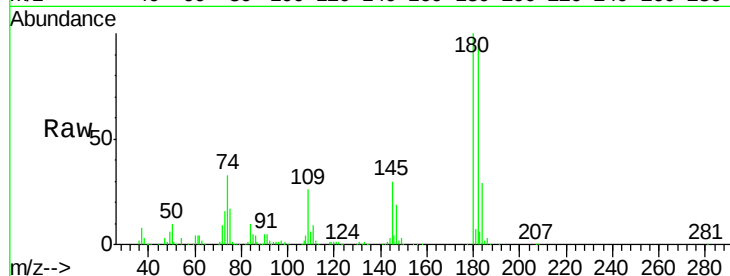




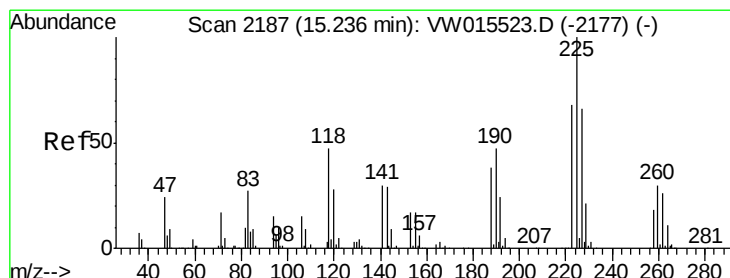
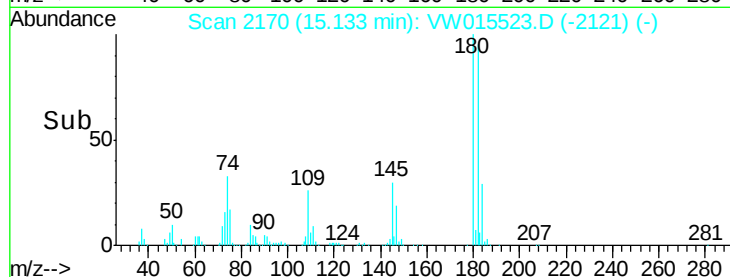
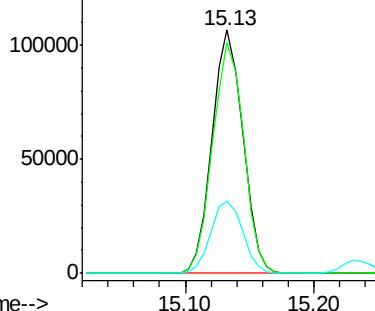
#93
 1,2,4-Trichlorobenzene
 Concen: 55.015 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 175922
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 30.8 15.4 46.2

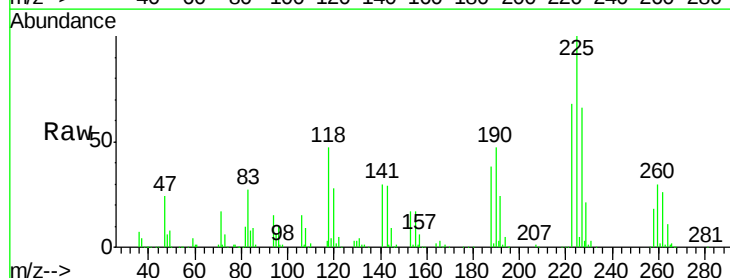


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

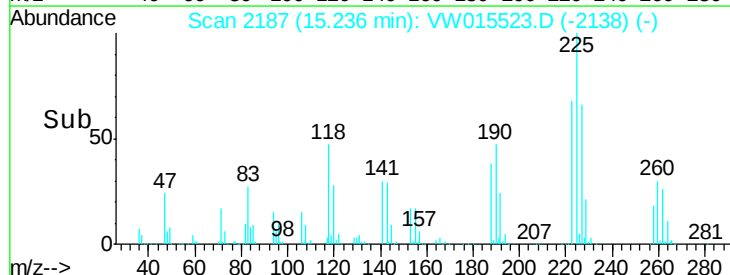
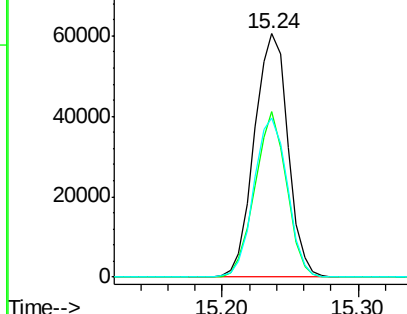


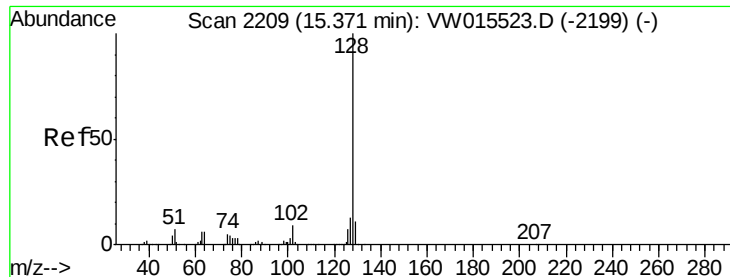
#94
 Hexachlorobutadiene
 Concen: 55.243 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015523.D
 Acq: 02 Jun 2020 12:36

Tgt Ion:225 Resp: 104611
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.4
 227 65.2 32.6 97.8



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

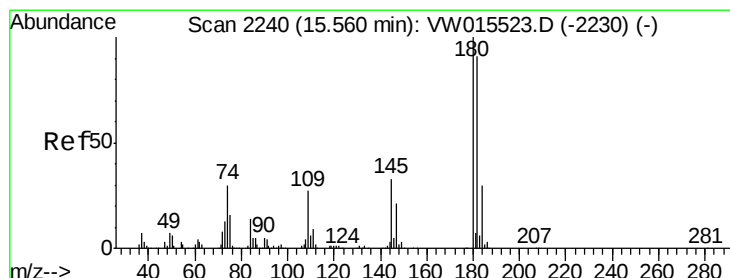
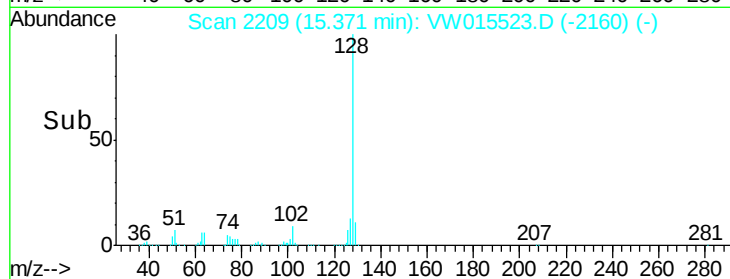
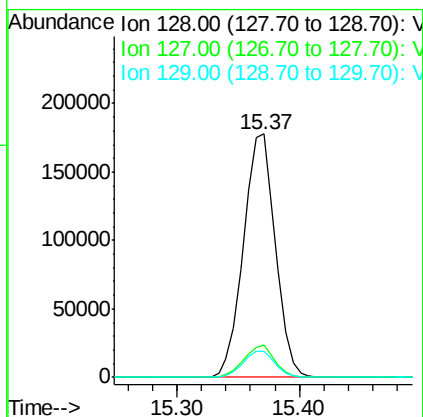
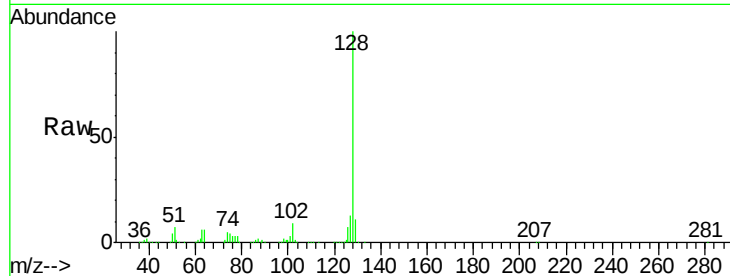




#95
Naphthalene
Concen: 56.285 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 322981
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.116 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015523.D
Acq: 02 Jun 2020 12:36

Tgt Ion:180 Resp: 151769
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 32.5 16.3 48.8

