

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015525.D
 Acq On : 02 Jun 2020 13:23
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 13:50:49 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	228995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	348381	138.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.50%	
35) Dibromofluoromethane	7.88	113	319133	151.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.98%	
50) Toluene-d8	10.32	98	1281559	148.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.32%	
62) 4-Bromofluorobenzene	12.62	95	476078	149.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	208716	157.254	ug/l	96
3) Chloromethane	2.22	50	236832	143.554	ug/l	99
4) Vinyl Chloride	2.37	62	352194	140.378	ug/l	99
5) Bromomethane	2.78	94	253868	129.475	ug/l	98
6) Chloroethane	2.93	64	233301	135.049	ug/l	98
7) Trichlorofluoromethane	3.26	101	282986	152.707	ug/l	99
8) Diethyl Ether	3.68	74	161285	138.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	319015	147.619	ug/l	99
10) Methyl Iodide	4.28	142	488140	149.391	ug/l	98
11) Tert butyl alcohol	5.18	59	108334	707.446	ug/l	99
12) 1,1-Dichloroethene	4.04	96	321877	144.381	ug/l	95
13) Acrolein	3.89	56	100277	557.908	ug/l	99
14) Allyl chloride	4.67	41	548591	140.587	ug/l	99
15) Acrylonitrile	5.37	53	337906	705.005	ug/l	99
16) Acetone	4.12	43	401980	919.828	ug/l	98
17) Carbon Disulfide	4.38	76	962149	141.403	ug/l	99
18) Methyl Acetate	4.67	43	147207	137.687	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	491261	135.830	ug/l	98
20) Methylene Chloride	4.92	84	336006	129.783	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	366114	144.291	ug/l	99
22) Diisopropyl ether	6.32	45	1052325	138.074	ug/l	97
23) Vinyl Acetate	6.26	43	3208707	689.103	ug/l	100
24) 1,1-Dichloroethane	6.22	63	651490	142.314	ug/l	99
25) 2-Butanone	7.17	43	477421	744.686	ug/l	99
26) 2,2-Dichloropropane	7.17	77	413228	135.699	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	399104	144.431	ug/l	99
28) Bromochloromethane	7.51	49	248887	136.915	ug/l #	99
29) Tetrahydrofuran	7.53	42	282204	688.791	ug/l	99
30) Chloroform	7.68	83	652862	143.207	ug/l	99
31) Cyclohexane	7.96	56	579248	126.040	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	558567	145.912	ug/l	99
36) 1,1-Dichloropropene	8.09	75	521989	143.821	ug/l	99
37) Ethyl Acetate	7.26	43	200580	140.339	ug/l	99
38) Carbon Tetrachloride	8.07	117	518059	150.882	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	657908	143.144	ug/l	99
40) Benzene	8.32	78	1426569	143.523	ug/l	100
41) Methacrylonitrile	7.48	41	129428	141.988	ug/l	99
42) 1,2-Dichloroethane	8.40	62	436630	143.392	ug/l	100
43) Isopropyl Acetate	8.43	43	415705	138.194	ug/l	98
44) Trichloroethene	9.09	130	387428	150.164	ug/l	98
45) 1,2-Dichloropropane	9.37	63	354090	144.130	ug/l	98
46) Dibromomethane	9.46	93	181407	146.664	ug/l	98
47) Bromodichloromethane	9.65	83	500443	149.756	ug/l	99
48) Methyl methacrylate	9.44	41	200579	145.007	ug/l	100
49) 1,4-Dioxane	9.45	88	49059	3064.051	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1002610	710.252	ug/l	100
52) Toluene	10.39	92	942633	146.264	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	514542	150.744	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	593259	148.385	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	255157	146.205	ug/l	98
56) Ethyl methacrylate	10.65	69	349134	146.464	ug/l	98
57) 1,3-Dichloropropane	10.93	76	453444	145.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	804862	709.310	ug/l	99
59) 2-Hexanone	10.97	43	712573	737.795	ug/l	100
60) Dibromochloromethane	11.13	129	325054	154.552	ug/l	100
61) 1,2-Dibromoethane	11.24	107	249458	150.791	ug/l	99
64) Tetrachloroethene	10.86	164	319451	151.171	ug/l	93
65) Chlorobenzene	11.66	112	986691	145.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	360015	148.929	ug/l	99
67) Ethyl Benzene	11.73	91	1850242	142.384	ug/l	99
68) m/p-Xylenes	11.84	106	1390028	287.325	ug/l	99
69) o-Xylene	12.17	106	667825	147.125	ug/l	99
70) Styrene	12.18	104	1163192	148.850	ug/l	99
71) Bromoform	12.35	173	184600	155.934	ug/l	# 99
73) Isopropylbenzene	12.47	105	1830582	145.871	ug/l	99
74) N-amyl acetate	12.27	43	406633	136.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	283574	143.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	386825	283.268	ug/l	# 100
77) Bromobenzene	12.75	156	400082	149.384	ug/l	100
78) n-propylbenzene	12.80	91	2159840	143.647	ug/l	100
79) 2-Chlorotoluene	12.90	91	1232636	145.274	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1522419	144.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	102509	145.938	ug/l	97
82) 4-Chlorotoluene	12.99	91	1267971	141.497	ug/l	100
83) tert-Butylbenzene	13.21	119	1313459	146.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1533162	145.268	ug/l	99
85) sec-Butylbenzene	13.38	105	1797040	141.786	ug/l	99
86) p-Isopropyltoluene	13.50	119	1686996	145.951	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	764026	144.282	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	757862	143.922	ug/l	98
89) n-Butylbenzene	13.82	91	1598887	142.042	ug/l	99
90) Hexachloroethane	14.09	117	314740	147.474	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	677598	146.392	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48159	139.022	ug/l	96

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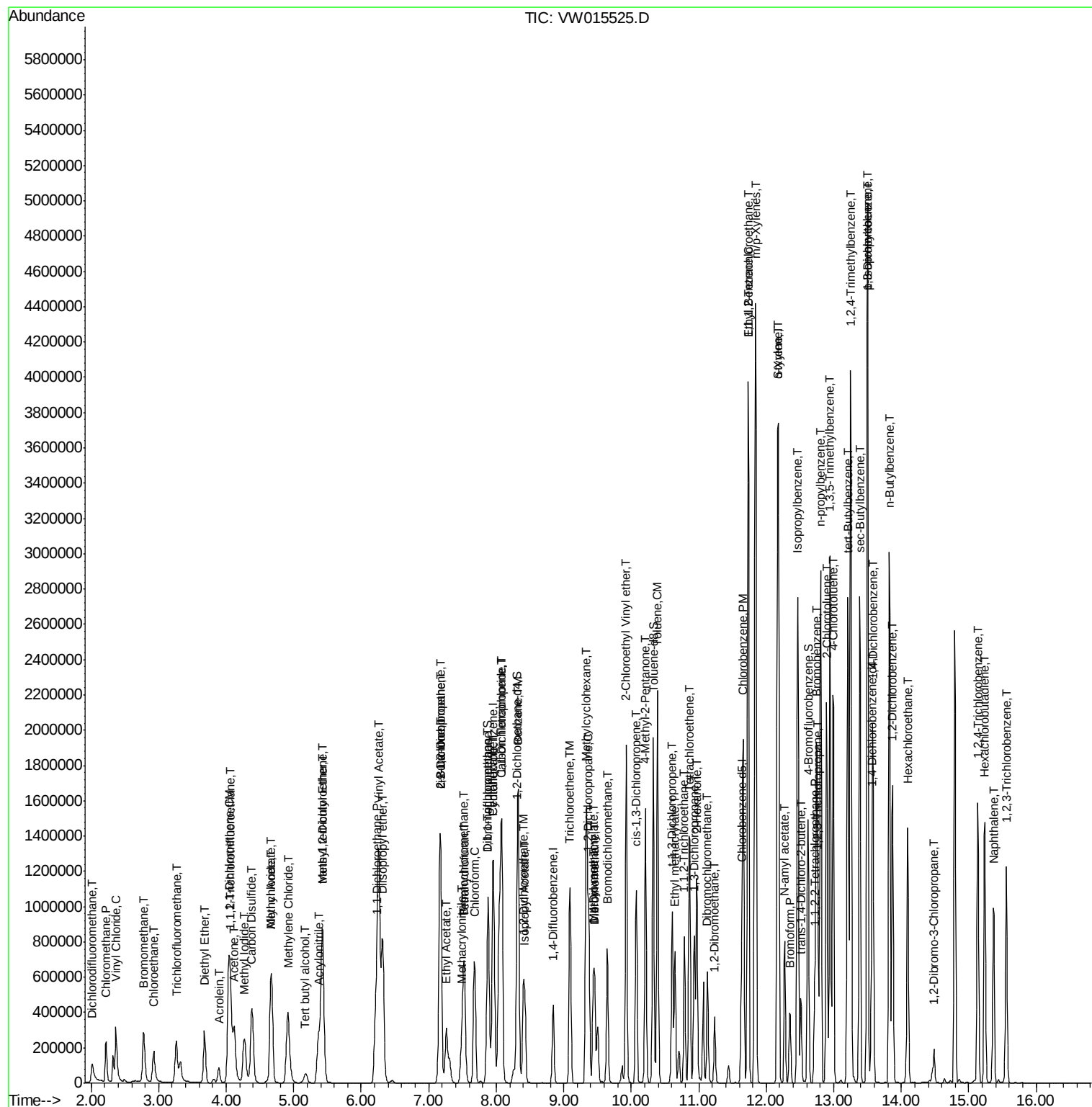
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	489797	157.576	ug/l	99
94) Hexachlorobutadiene	15.24	225	287808	156.357	ug/l	99
95) Naphthalene	15.36	128	839761	150.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	408573	152.643	ug/l	99

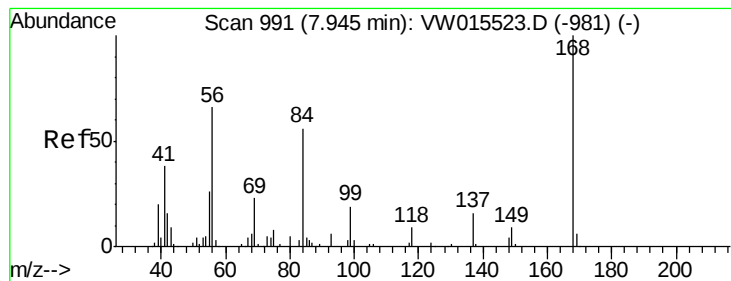
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MSVOA_W
 ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

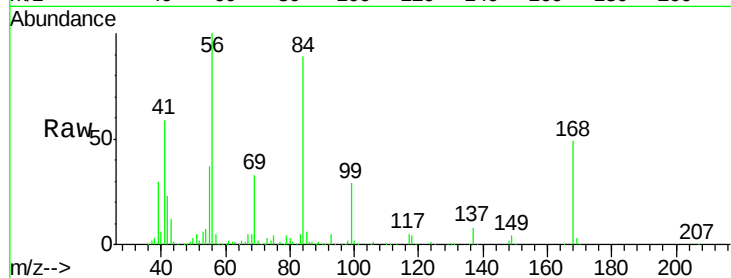
ClientSampled :

Tot Ion:168 Resp: 228995

Ion Ratio Lower Upper

168 100

99 58.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

100000

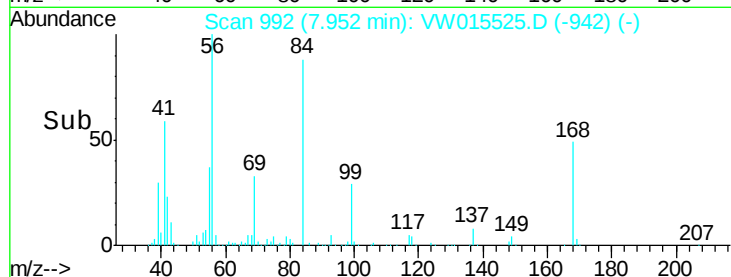
50000

0

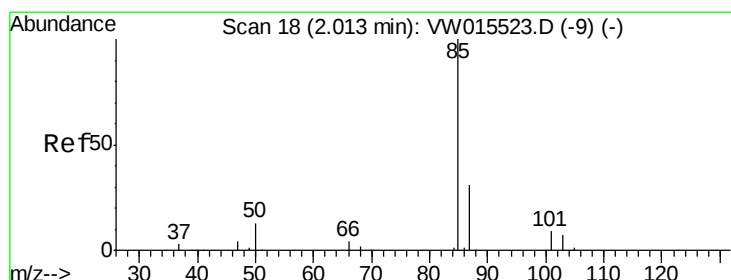
7.90

8.00

8.10



Time-->



#2

Dichlorodifluoromethane

Concen: 157.254 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015525.D

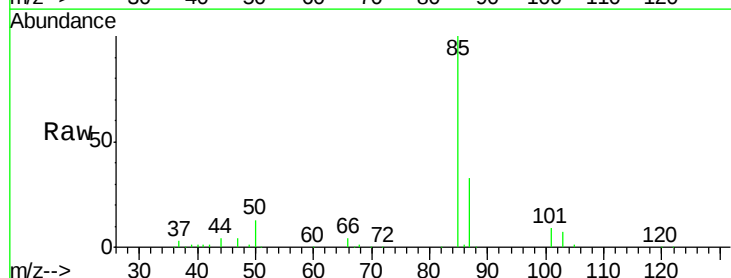
Acq: 02 Jun 2020 13:23

Tgt Ion: 85 Resp: 208716

Ion Ratio Lower Upper

85 100

87 33.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

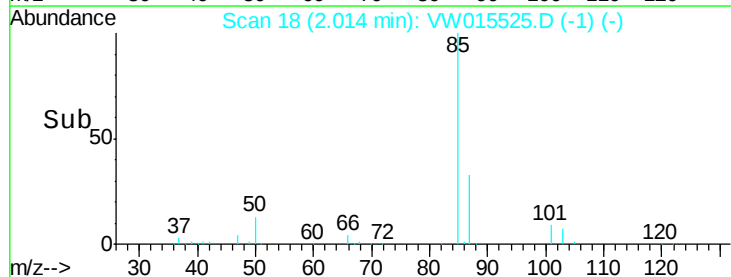
40000

20000

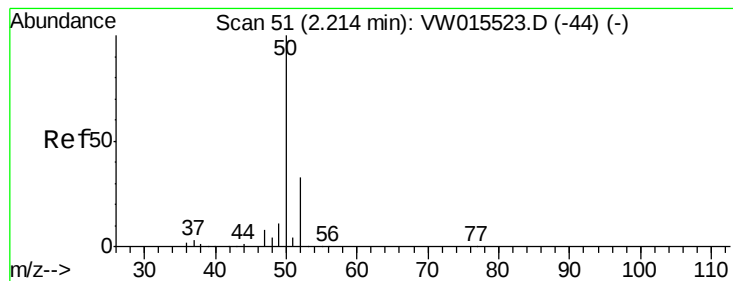
0

2.00

2.20



Time-->



#3

Chloromethane

Concen: 143.554 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

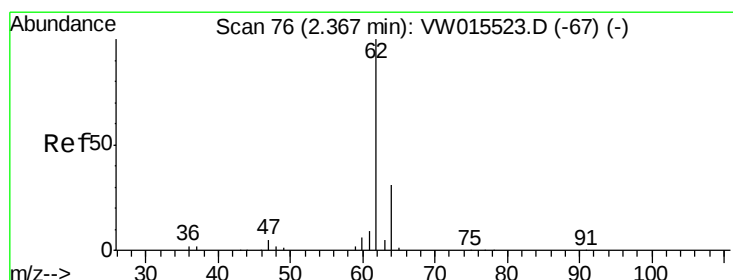
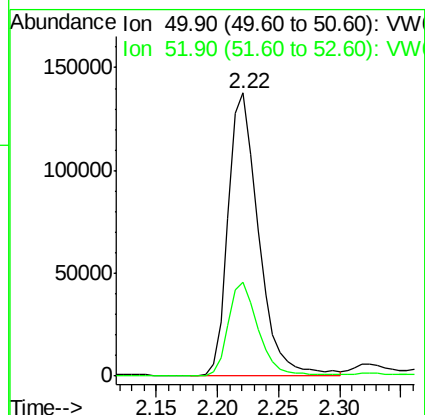
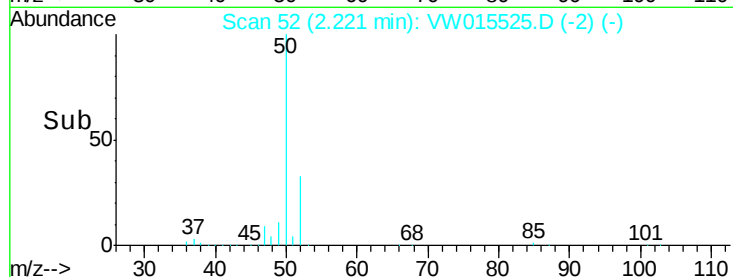
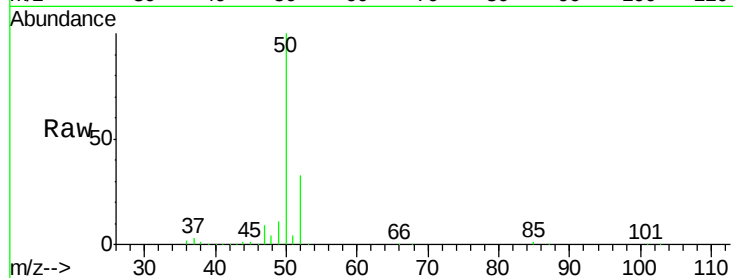
ClientSampleId :

Tot Ion: 50 Resp: 236832

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 140.378 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015525.D

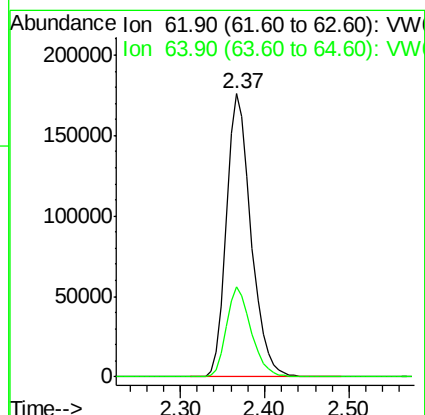
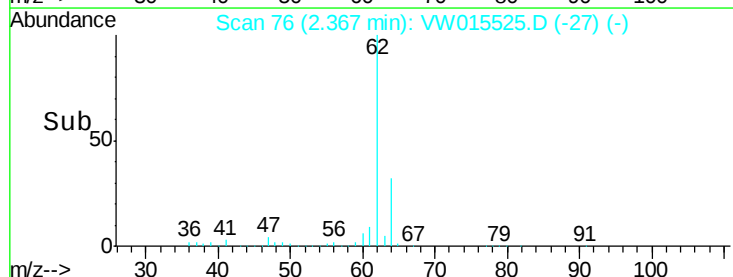
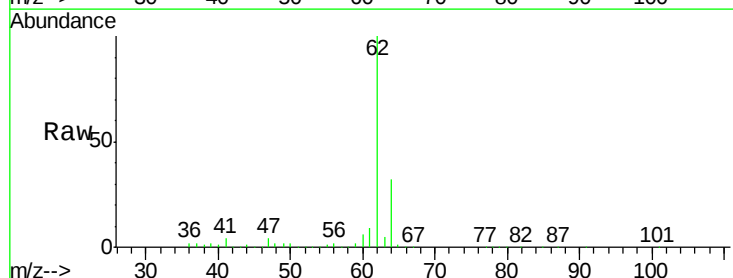
Acq: 02 Jun 2020 13:23

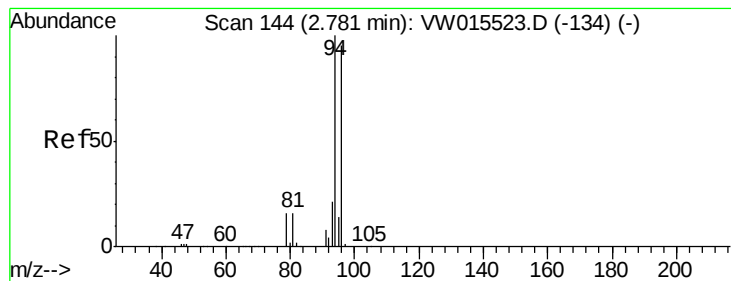
Tgt Ion: 62 Resp: 352194

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 129.475 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

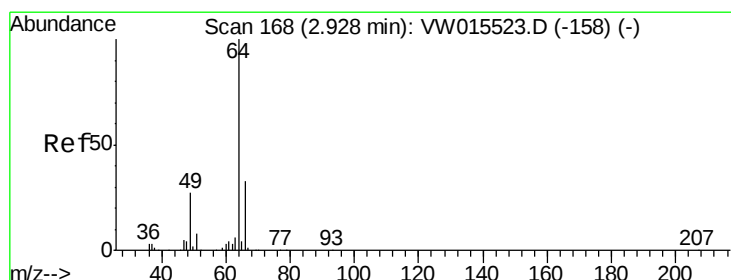
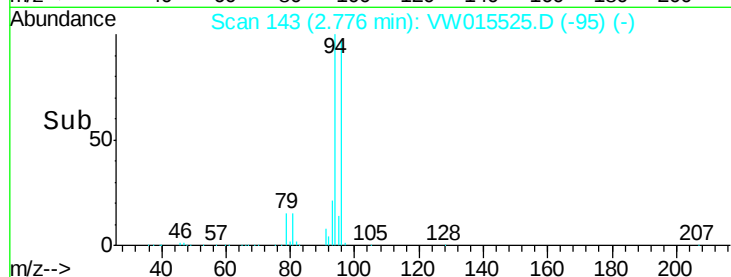
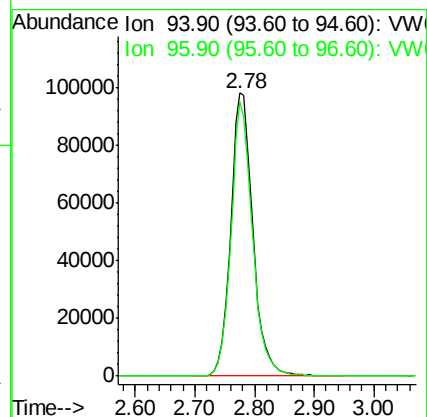
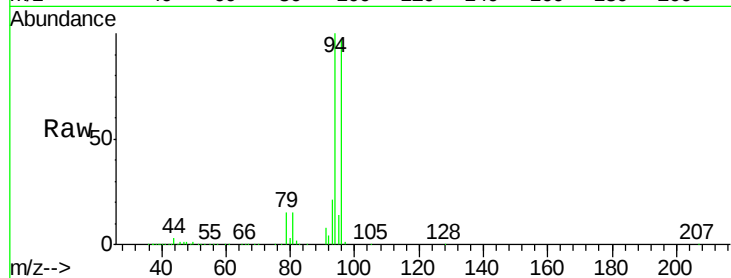
ClientSampled :

Tot Ion: 94 Resp: 253868

Ion Ratio Lower Upper

94 100

96 97.0 76.0 114.0



#6

Chloroethane

Concen: 135.049 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015525.D

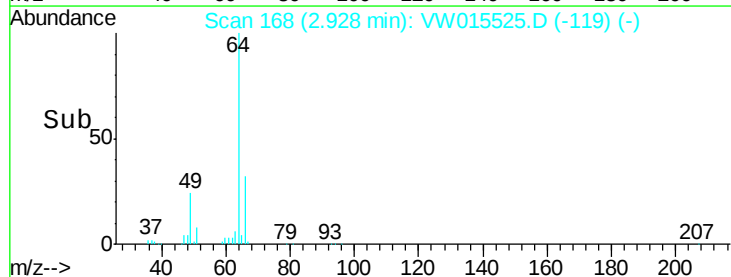
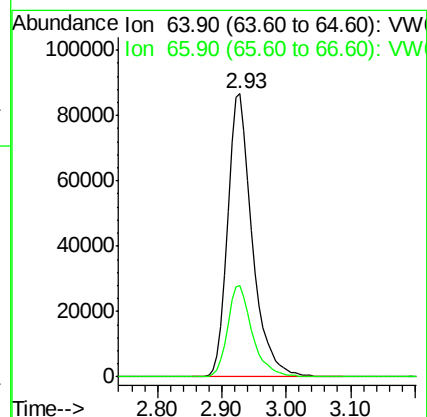
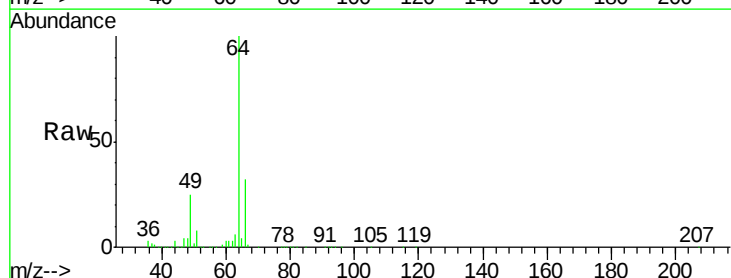
Acq: 02 Jun 2020 13:23

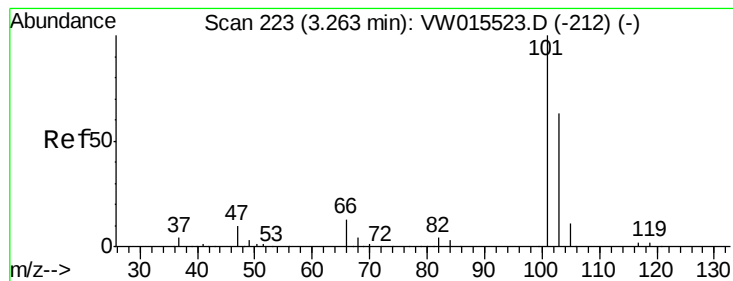
Tgt Ion: 64 Resp: 233301

Ion Ratio Lower Upper

64 100

66 32.3 26.8 40.2



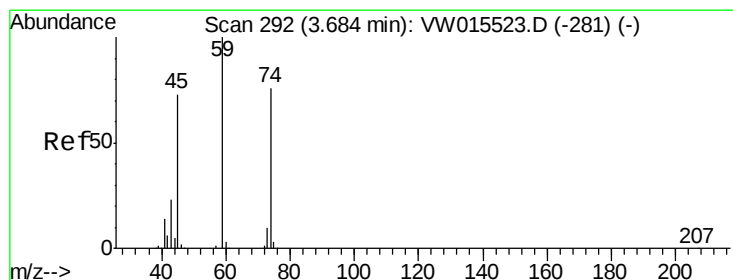
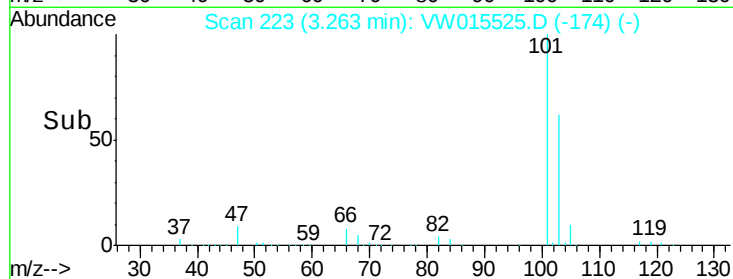
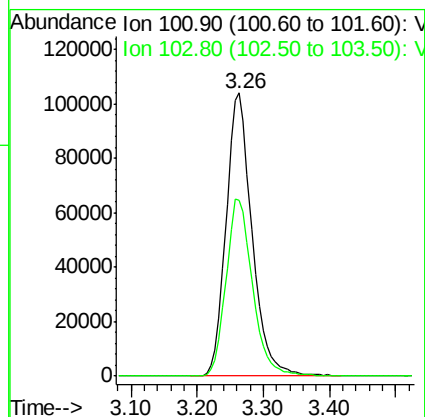
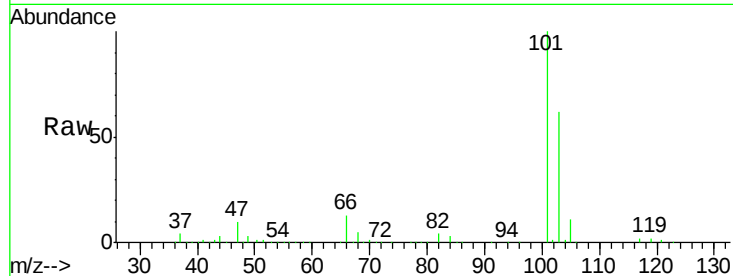


#7

Trichlorofluoromethane
Concen: 152.707 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :

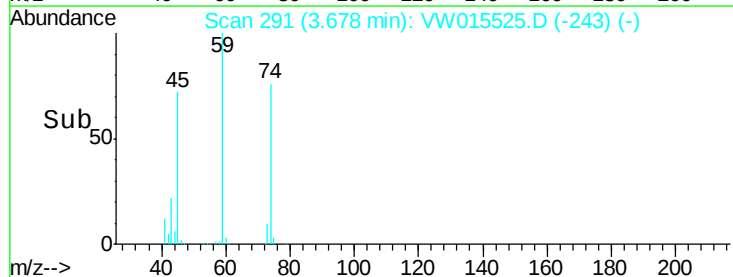
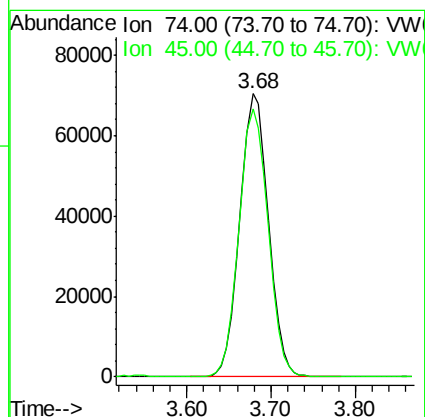
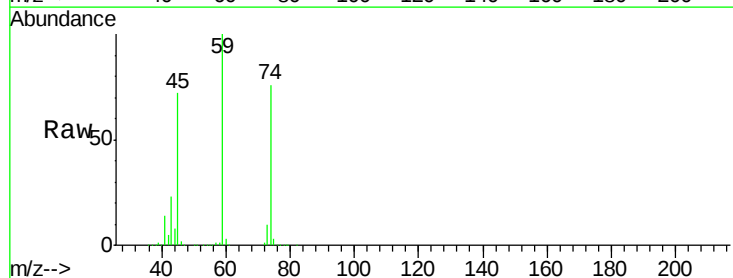
Tot Ion:101 Resp: 282986
Ion Ratio Lower Upper
101 100
103 62.1 50.2 75.2

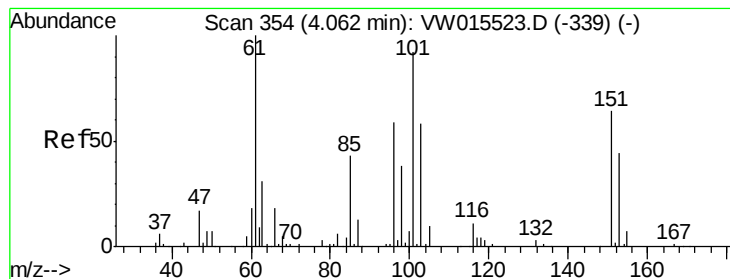


#8

Diethyl Ether
Concen: 138.139 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 74 Resp: 161285
Ion Ratio Lower Upper
74 100
45 95.6 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.619 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

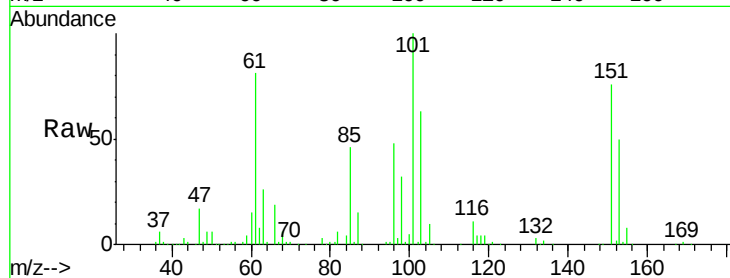
Tot Ion:101 Resp: 319015

Ion Ratio Lower Upper

101 100

85 44.9 37.0 55.6

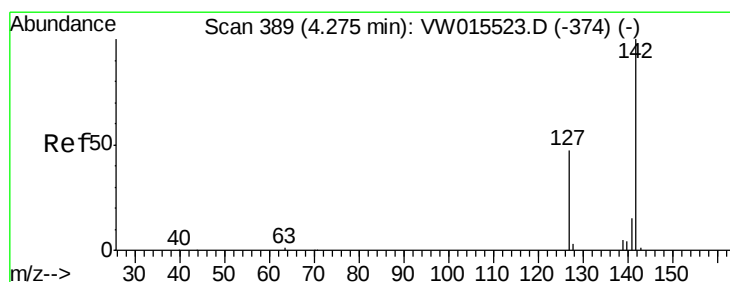
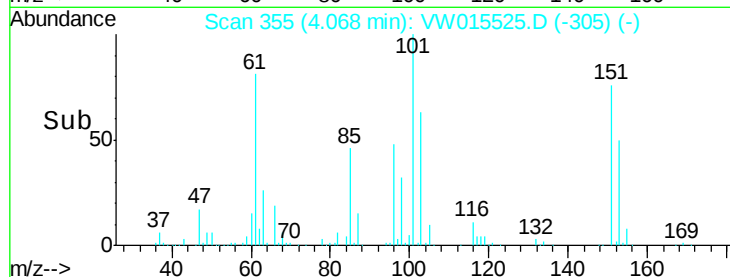
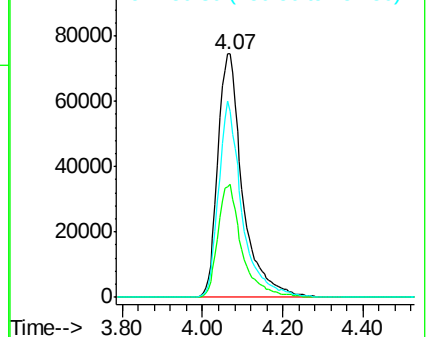
151 75.8 61.1 91.7



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: 149.391 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

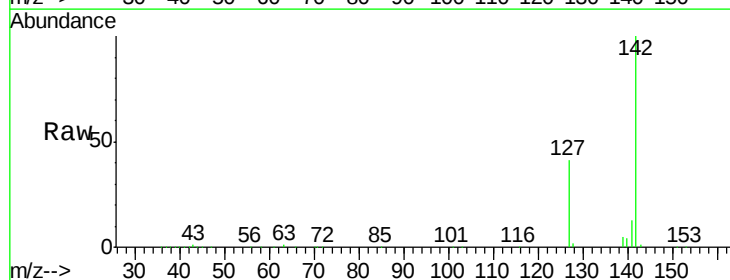
Tgt Ion:142 Resp: 488140

Ion Ratio Lower Upper

142 100

127 44.4 36.9 55.3

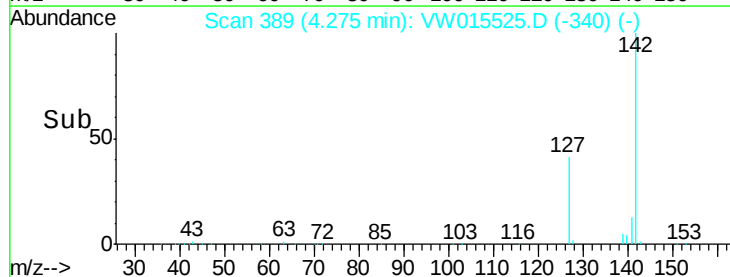
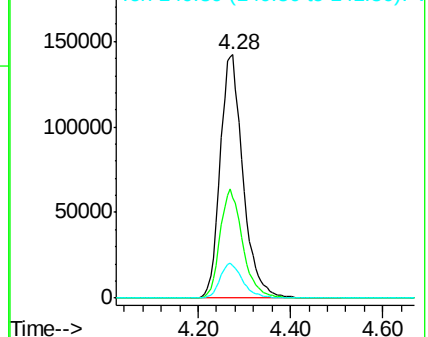
141 14.3 11.7 17.5

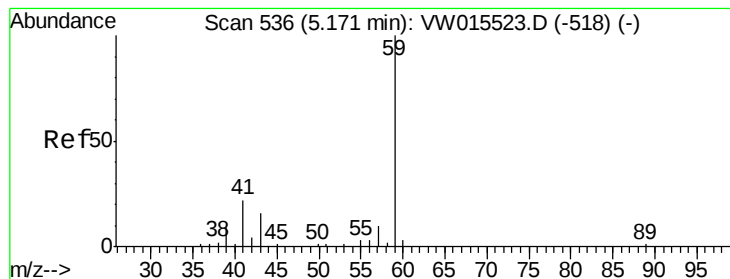


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



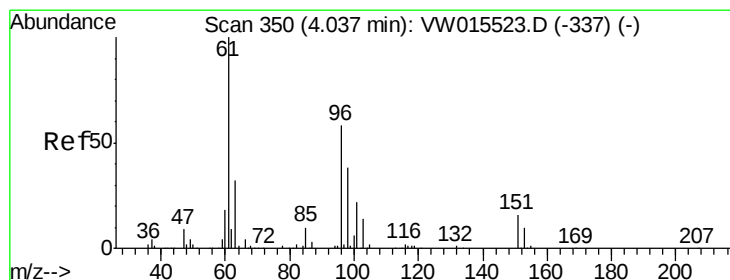
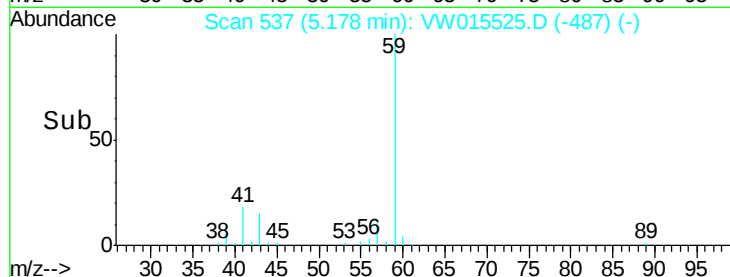
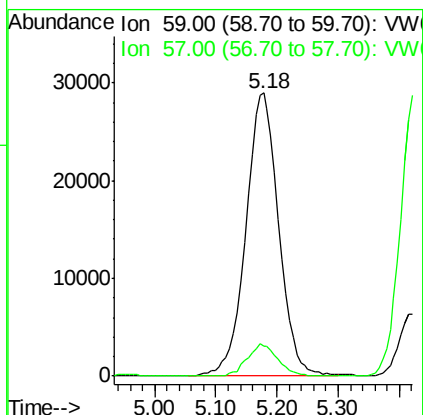
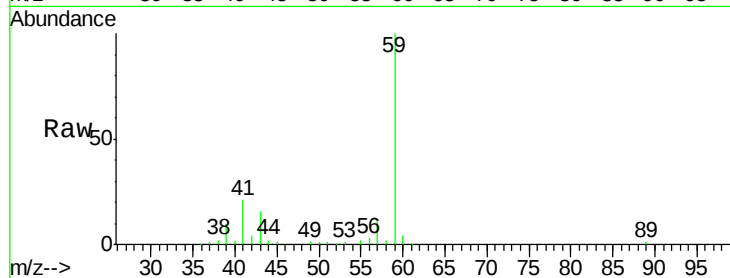


#11

Tert butyl alcohol
 Concen: 707.446 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :

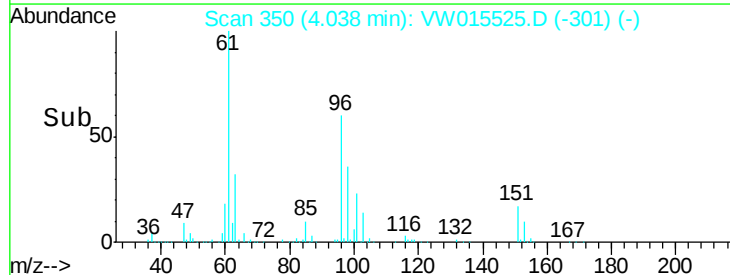
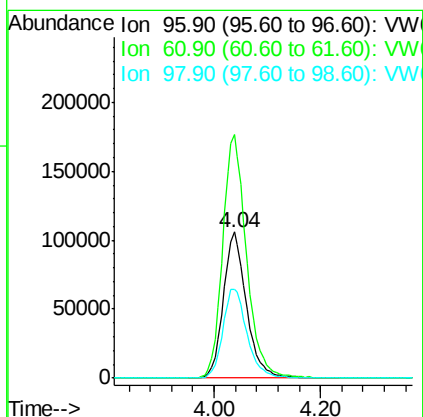
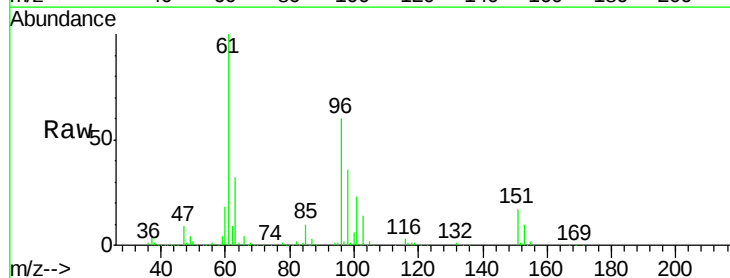
Tot Ion: 59 Resp: 108334
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

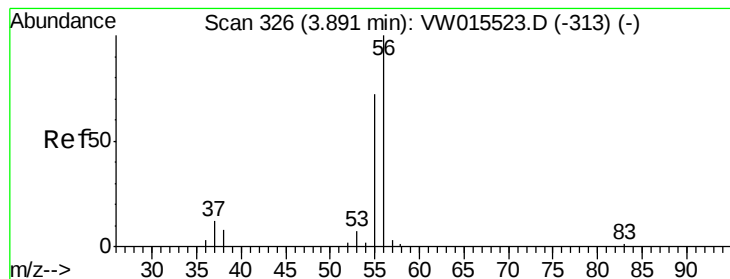


#12

1,1-Dichloroethene
 Concen: 144.381 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 96 Resp: 321877
 Ion Ratio Lower Upper
 96 100
 61 166.9 138.3 207.5
 98 60.7 52.2 78.4





#13

Acrolein

Concen: 557.908 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

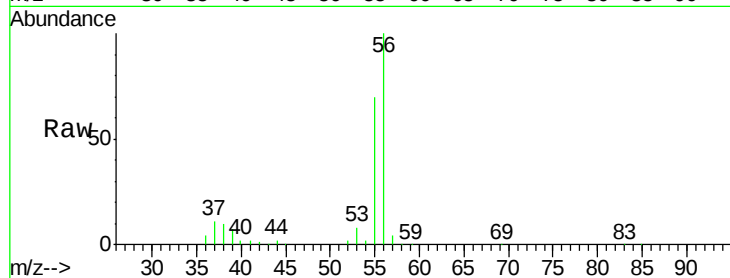
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 100277

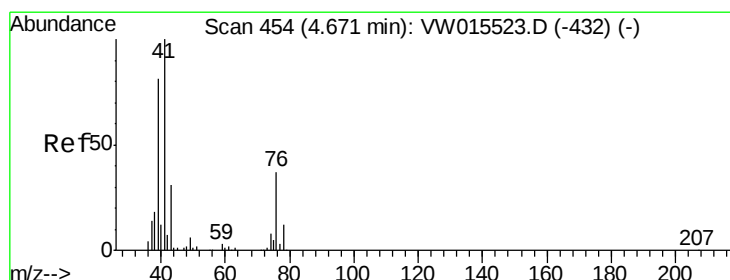
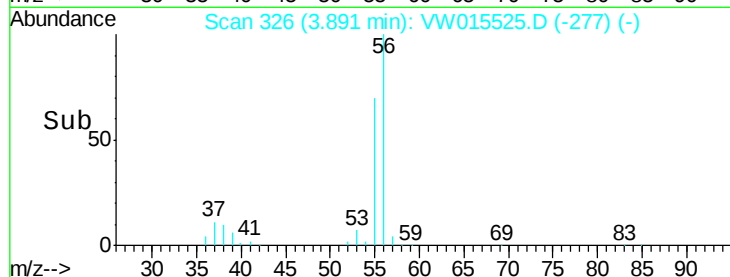
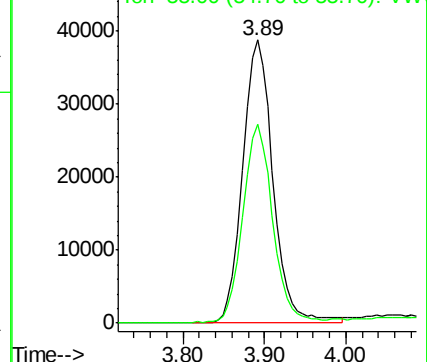
Ion Ratio Lower Upper

56 100

55 69.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 140.587 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

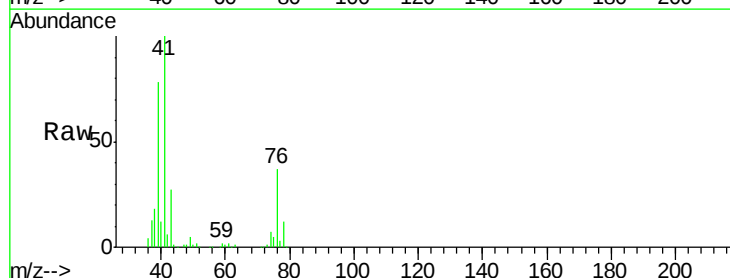
Tgt Ion: 41 Resp: 548591

Ion Ratio Lower Upper

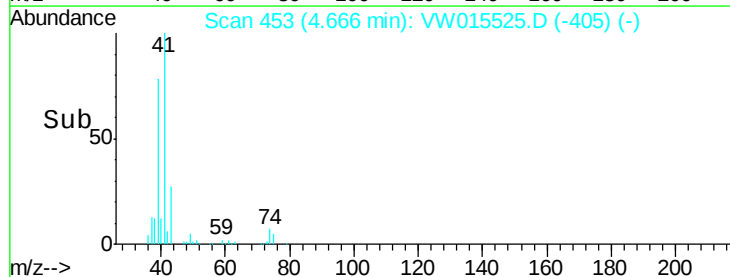
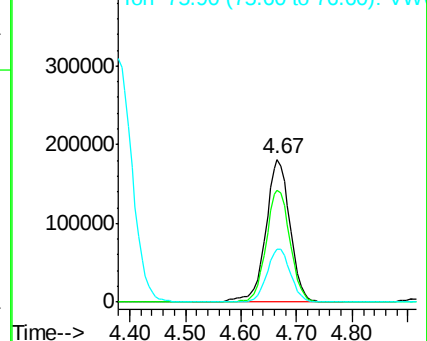
41 100

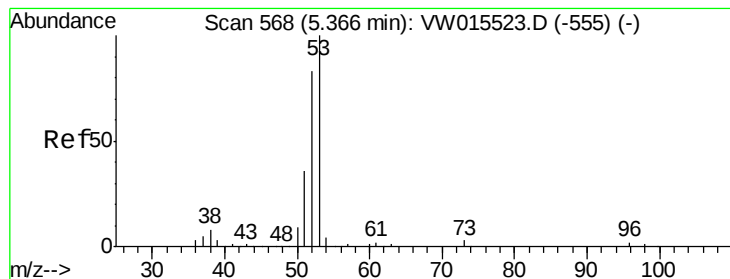
39 78.0 63.1 94.7

76 36.0 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 705.005 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

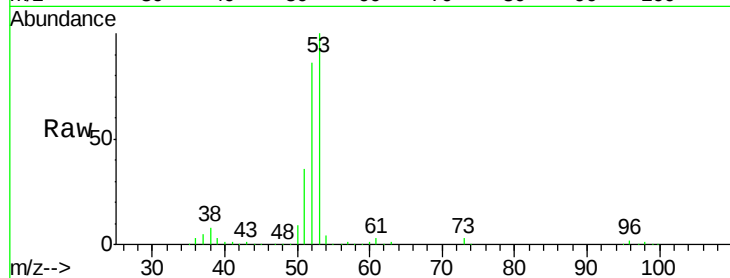
Tot Ion: 53 Resp: 337906

Ion Ratio Lower Upper

53 100

52 83.7 66.1 99.1

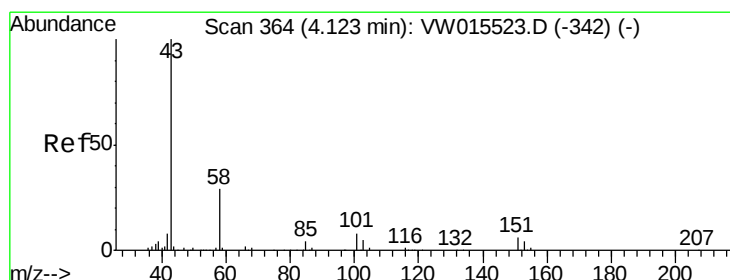
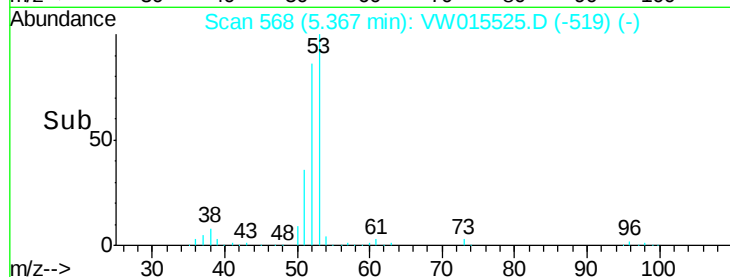
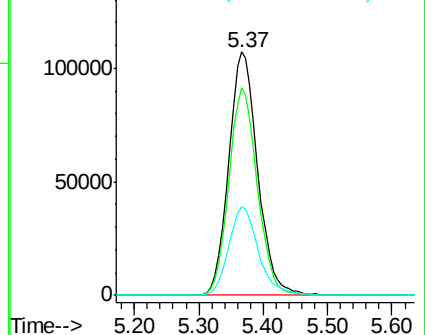
51 37.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 919.828 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015525.D

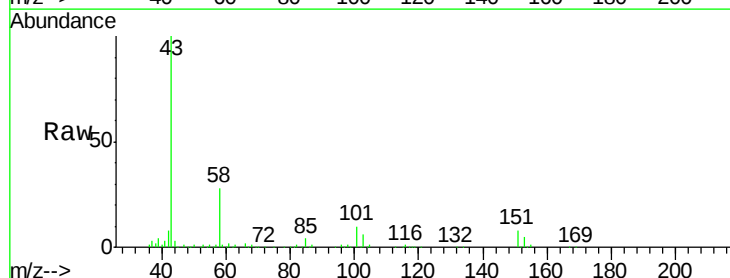
Acq: 02 Jun 2020 13:23

Tgt Ion: 43 Resp: 401980

Ion Ratio Lower Upper

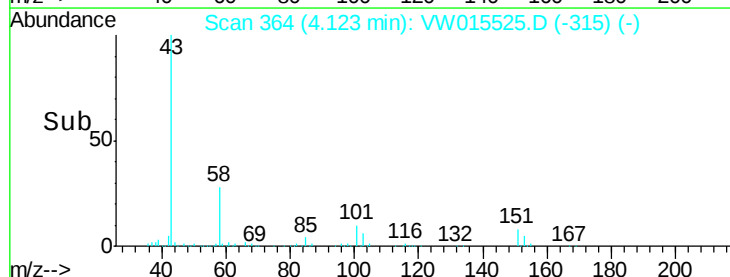
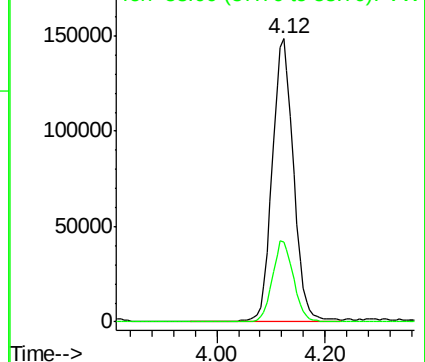
43 100

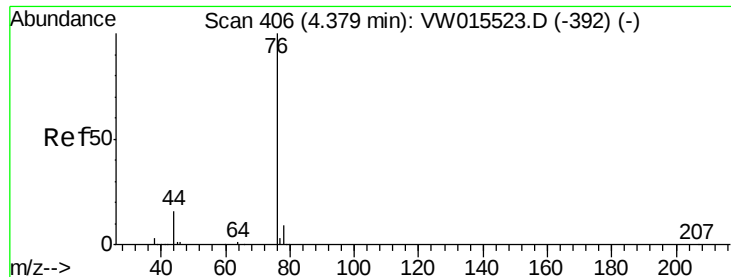
58 28.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

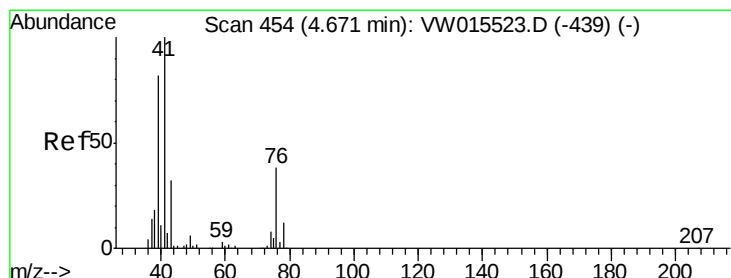
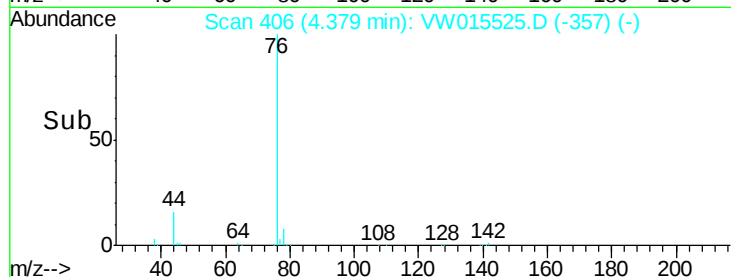
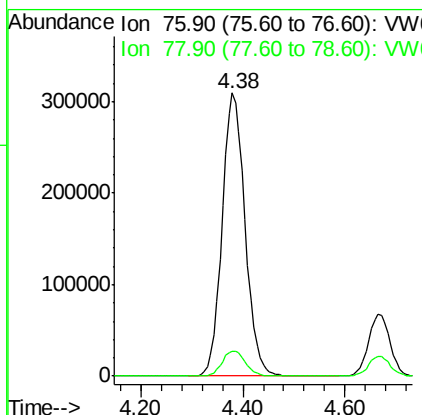
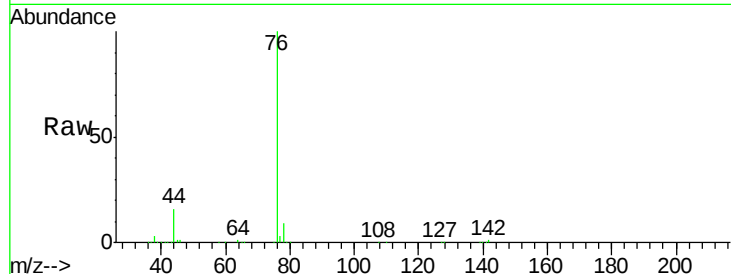




#17
Carbon Disulfide
Concen: 141.403 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

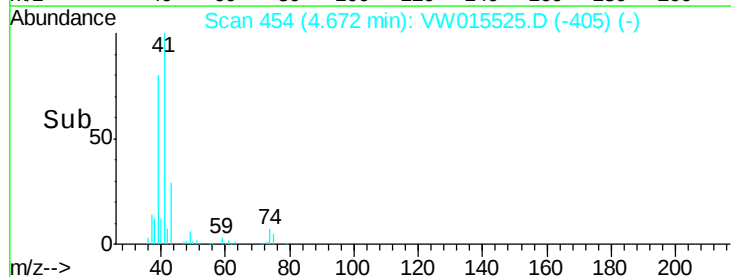
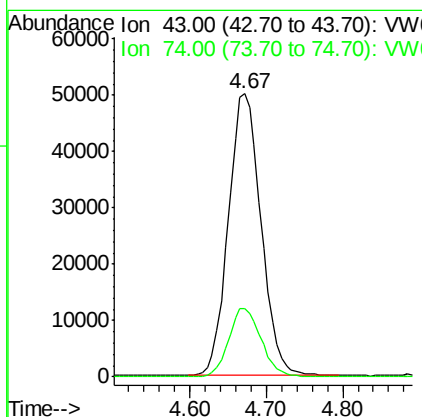
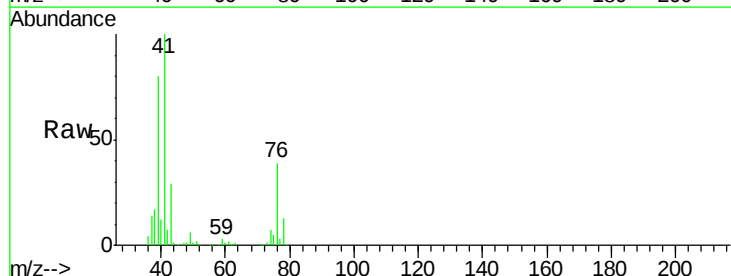
Instrument :
MSVOA_W
ClientSampleId :

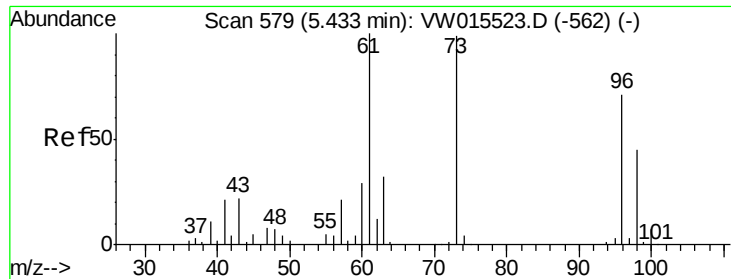
Tot Ion: 76 Resp: 962149
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 137.687 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 43 Resp: 147207
Ion Ratio Lower Upper
43 100
74 24.4 18.8 28.2

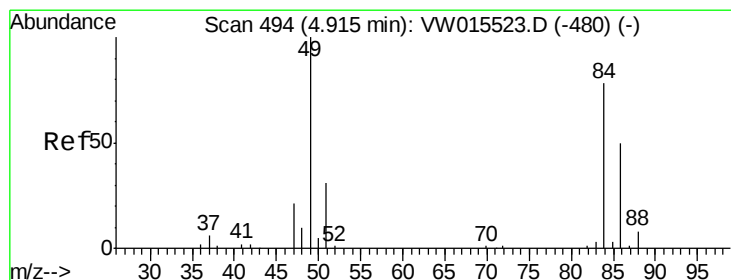
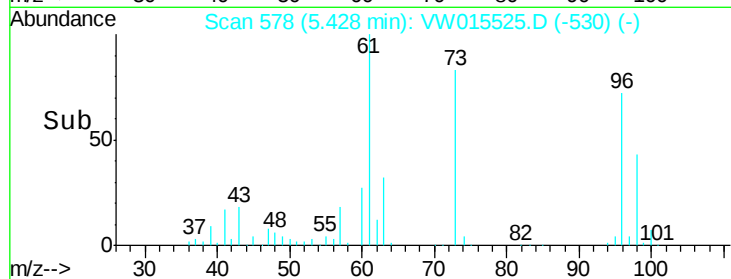
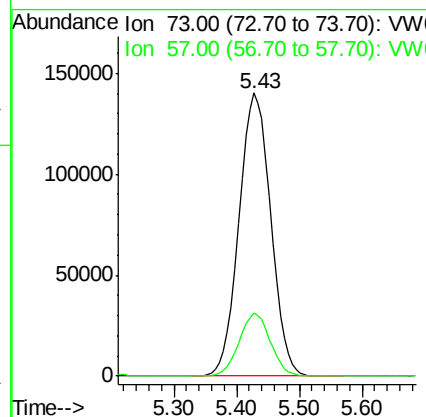
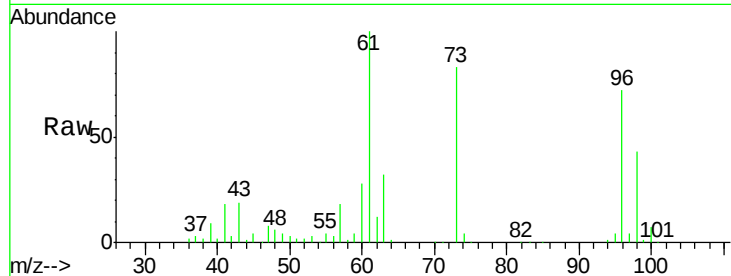




#19
Methvl tert-butvl Ether
Concen: 135.830 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

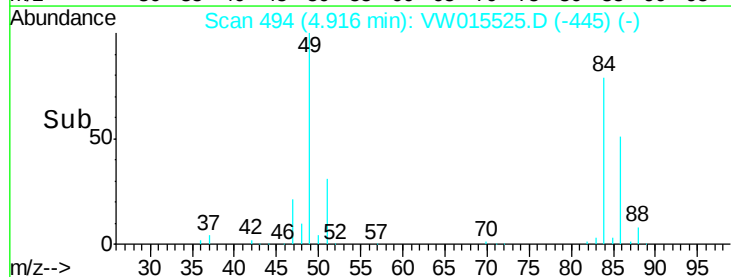
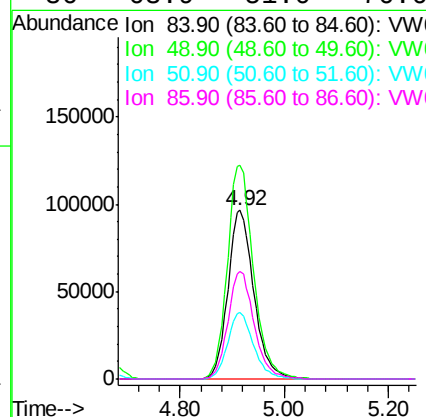
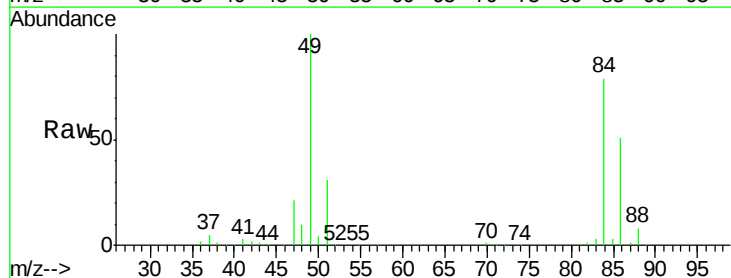
Instrument :
MSVOA_W
ClientSampleId :

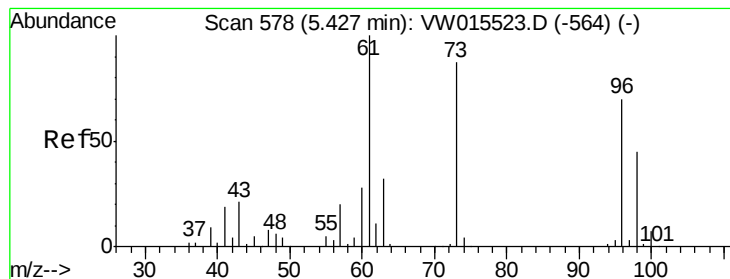
Tot Ion: 73 Resp: 491261
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 129.783 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 84 Resp: 336006
Ion Ratio Lower Upper
84 100
49 126.5 102.8 154.2
51 39.2 31.4 47.2
86 63.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 144.291 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

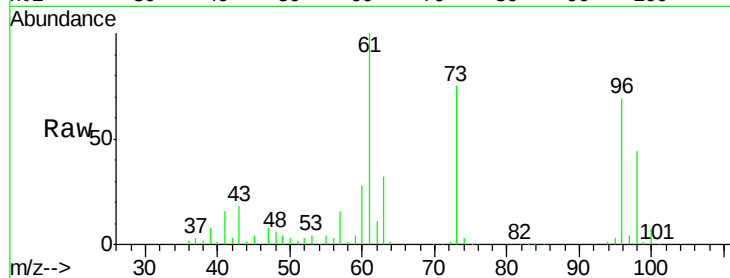
Tot Ion: 96 Resp: 366114

Ion Ratio Lower Upper

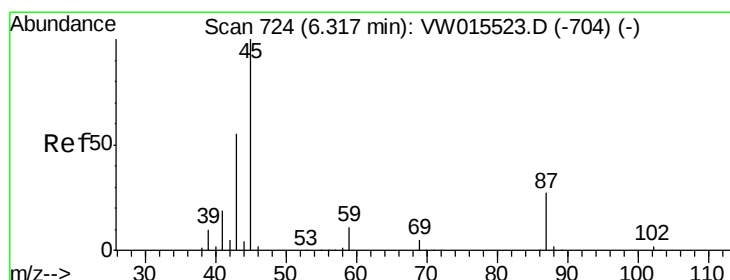
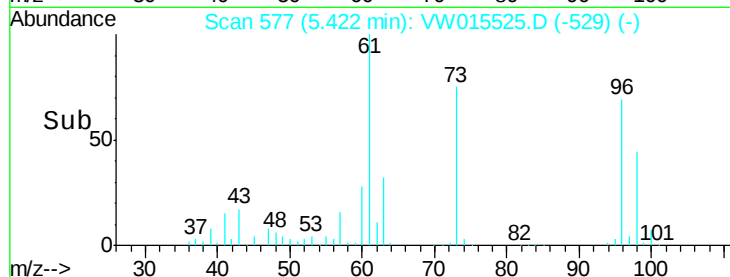
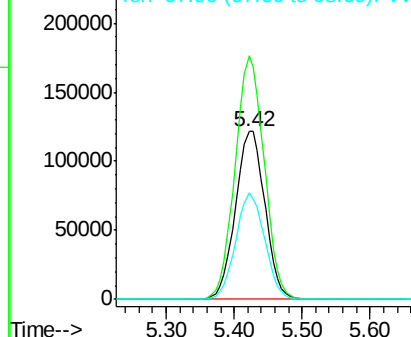
96 100

61 145.0 114.3 171.5

98 63.8 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: 138.074 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Tgt Ion: 45 Resp: 1052325

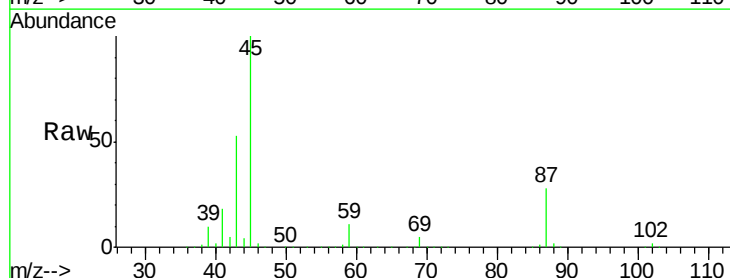
Ion Ratio Lower Upper

45 100

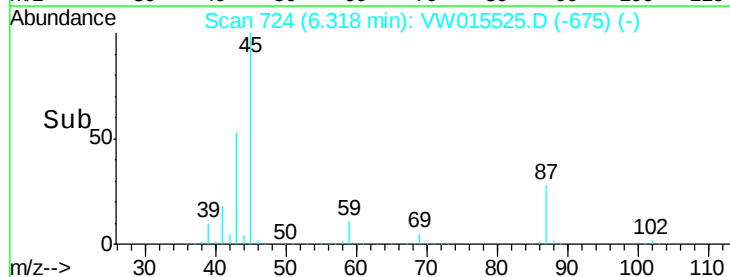
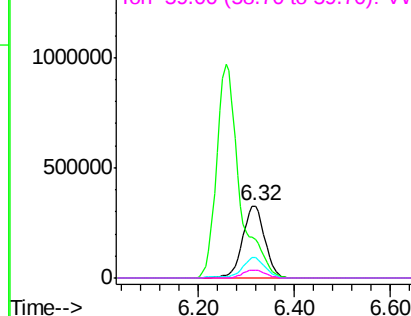
43 52.5 44.1 66.1

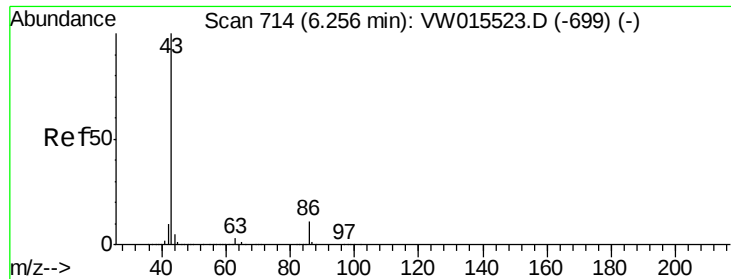
87 28.2 21.8 32.8

59 11.4 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: 689.103 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

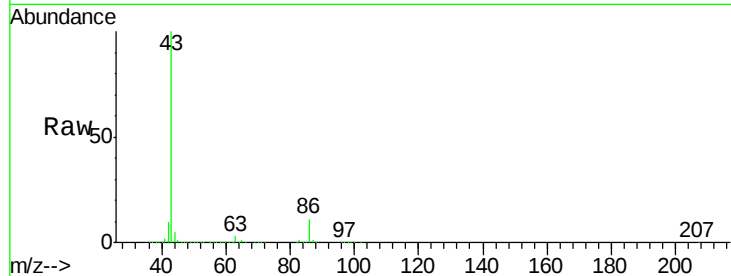
Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

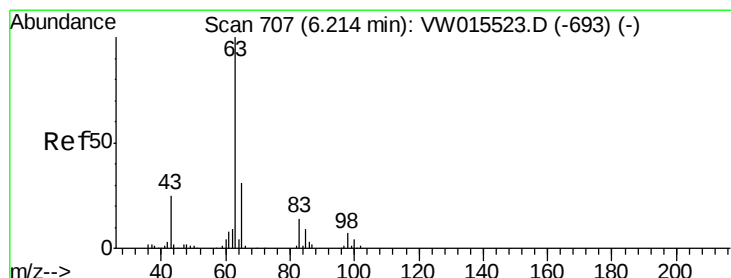
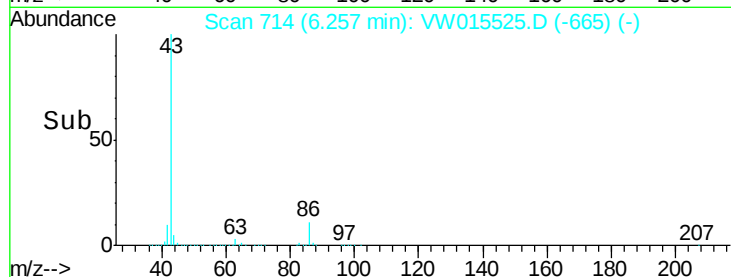
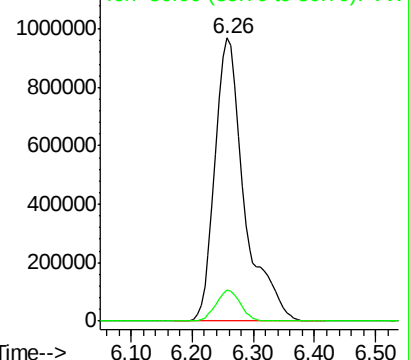
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3208707

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8



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



#24

1,1-Dichloroethane

Concen: 142.314 ug/l

RT: 6.22 min Scan# 708

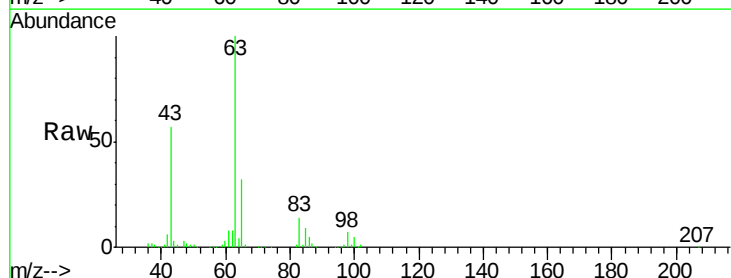
Delta R.T. 0.01 min

Lab File: VW015525.D

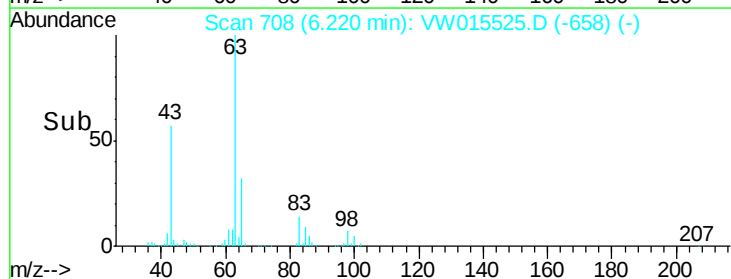
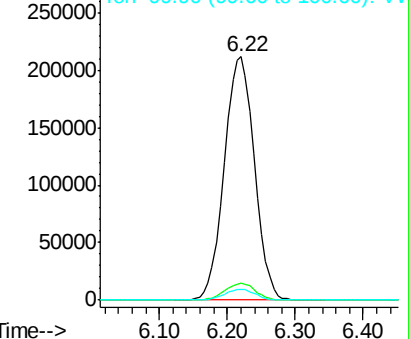
Acq: 02 Jun 2020 13:23

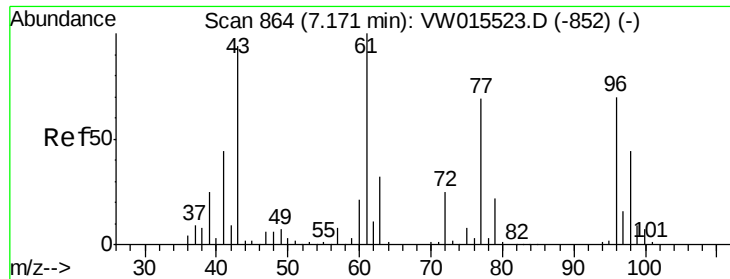
Tgt Ion: 63 Resp: 651490

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.5	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

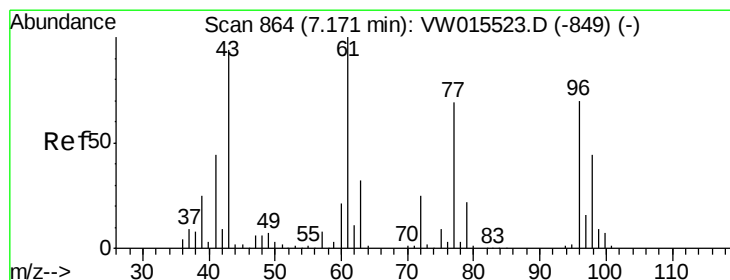
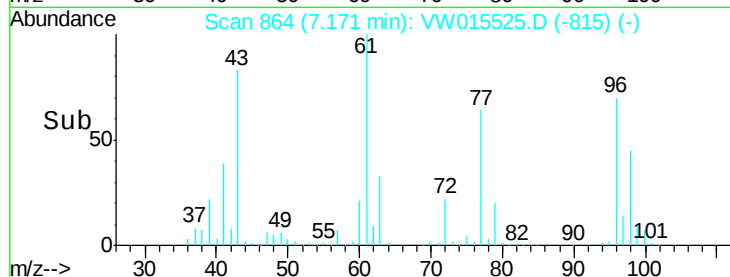
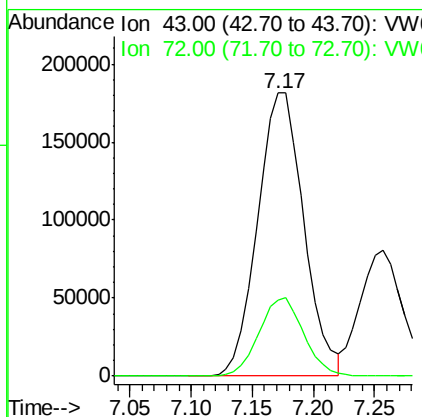
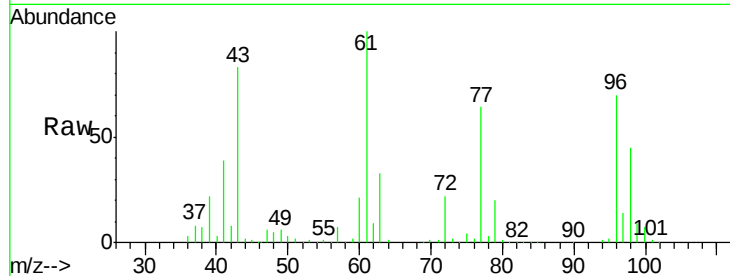




#25
2-Butanone
Concen: 744.686 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

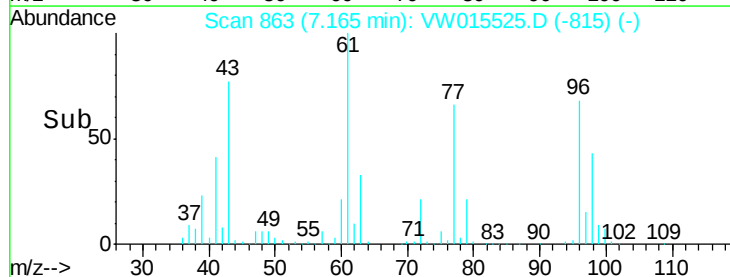
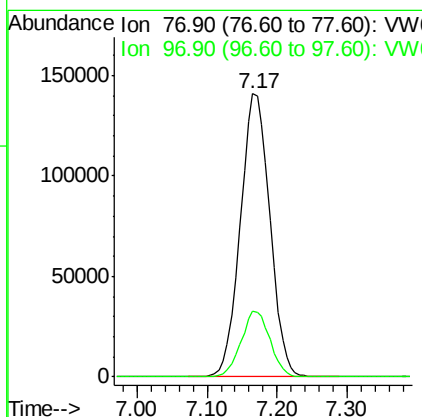
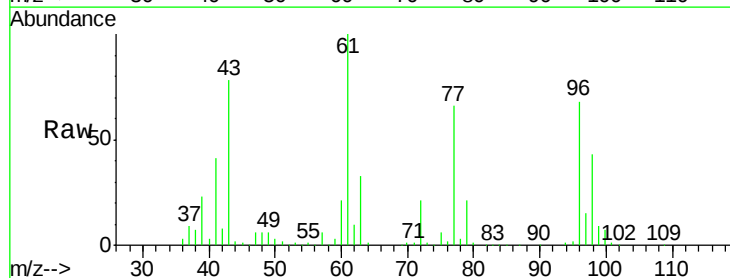
Instrument :
MSVOA_W
ClientSampleId :

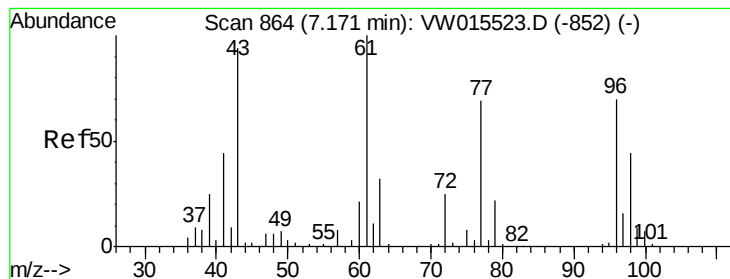
Tot Ion: 43 Resp: 477421
Ion Ratio Lower Upper
43 100
72 26.9 21.0 31.4



#26
2,2-Dichloropropane
Concen: 135.699 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 77 Resp: 413228
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.3



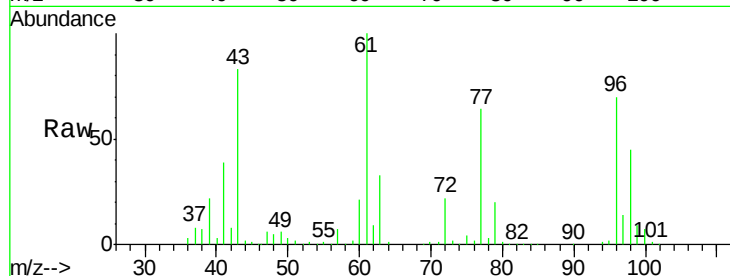


#27

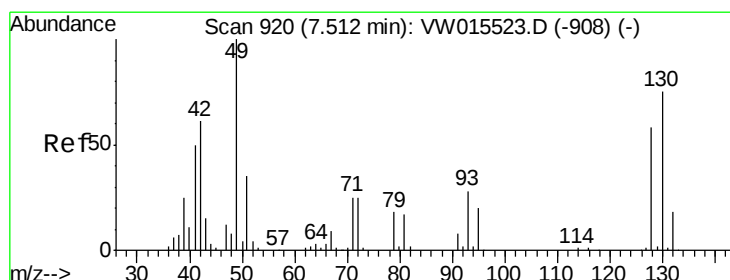
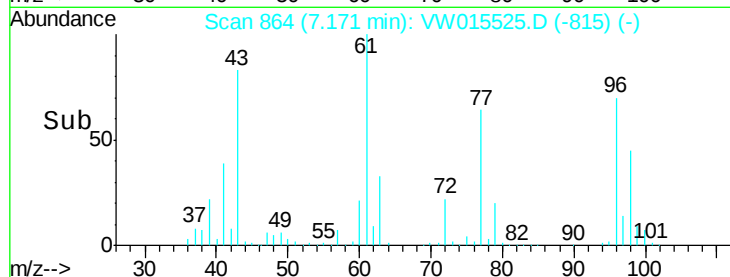
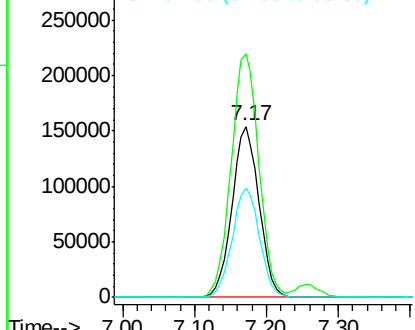
cis-1,2-Dichloroethene
Concen: 144.431 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	293.0
98	64.7	0.0	127.2



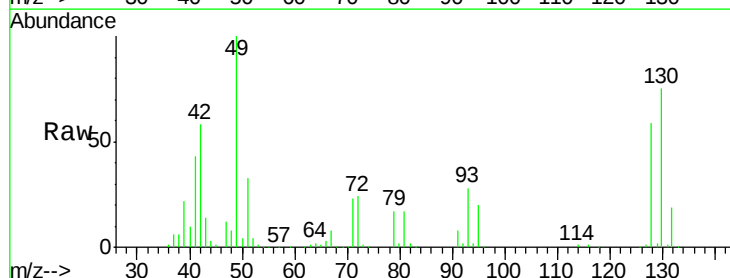
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



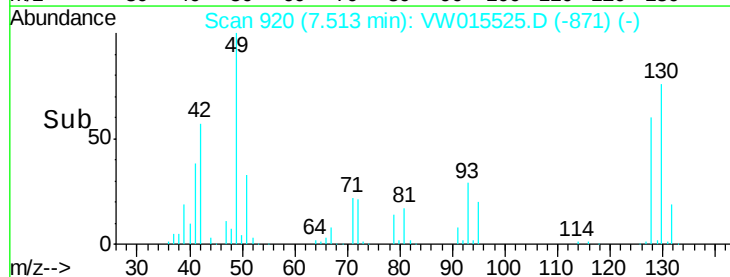
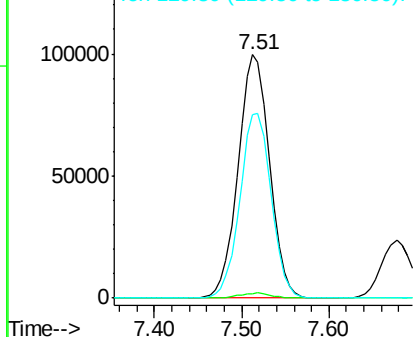
#28

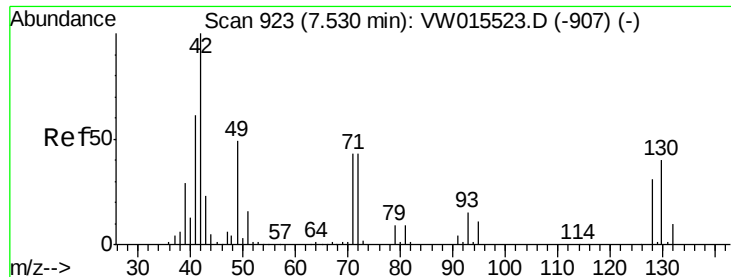
Bromochloromethane
Concen: 136.915 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.0#
130	75.6	59.7	89.5



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

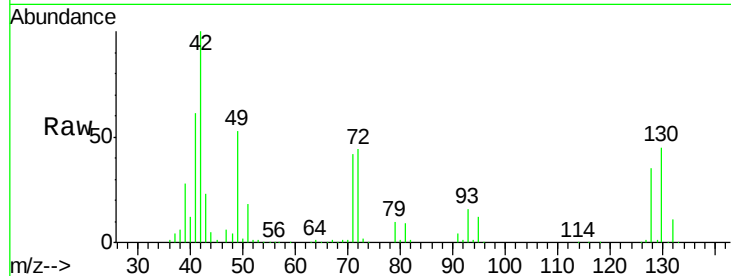




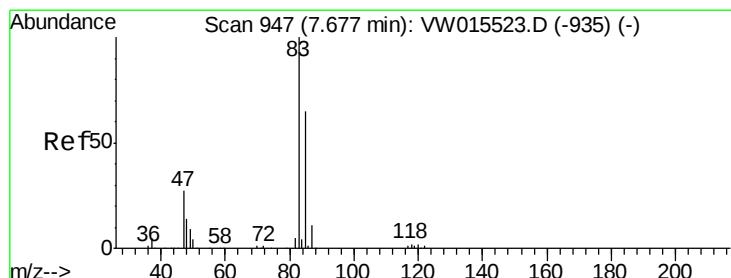
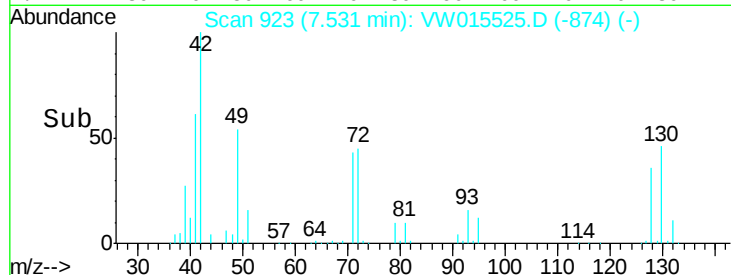
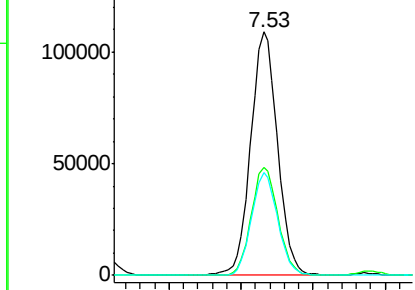
#29
Tetrahydrofuran
Concen: 688.791 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 282204
Ion Ratio Lower Upper
42 100
72 44.2 34.8 52.2
71 41.4 33.3 49.9

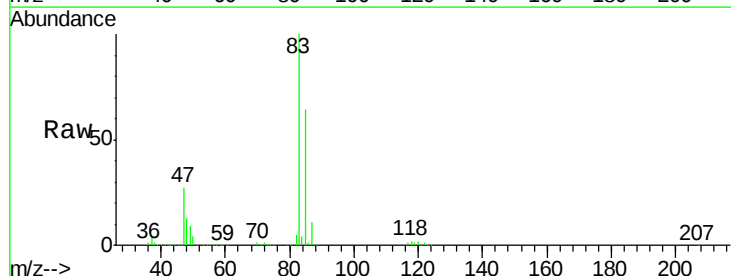


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

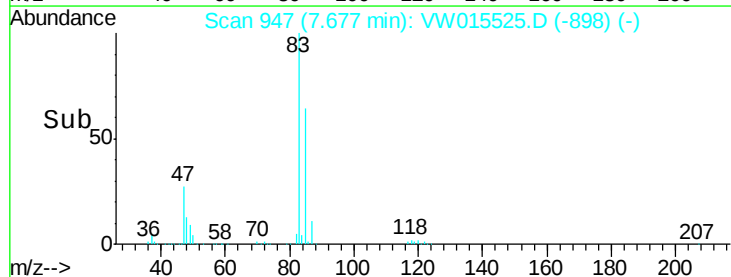
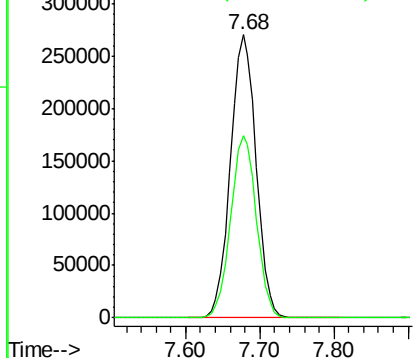


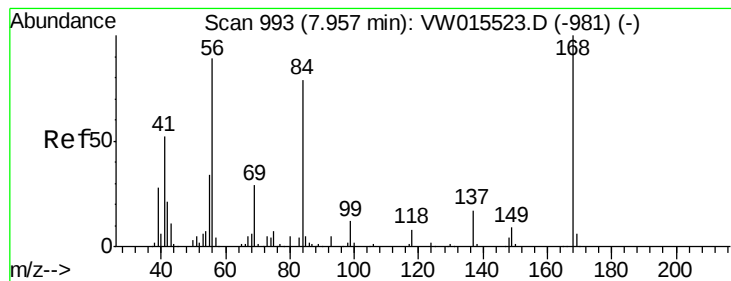
#30
Chloroform
Concen: 143.207 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 83 Resp: 652862
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 126.040 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

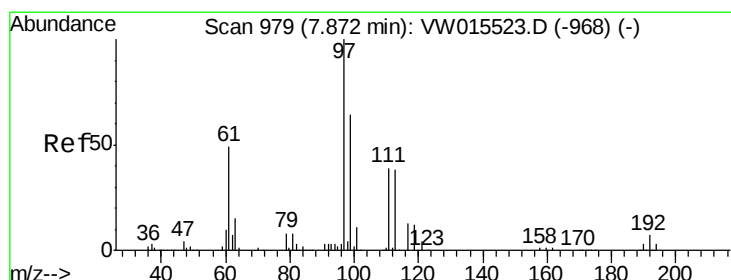
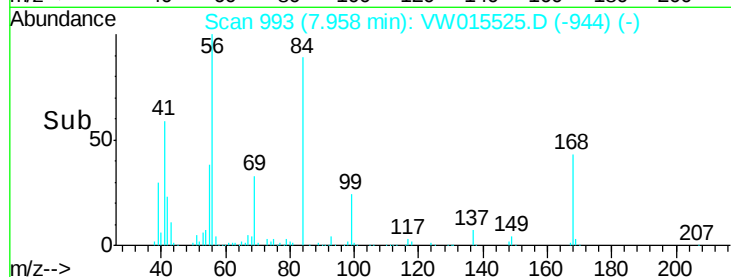
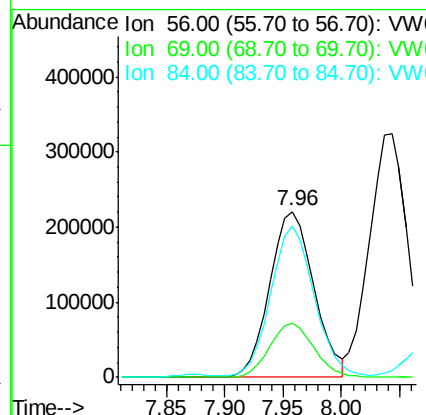
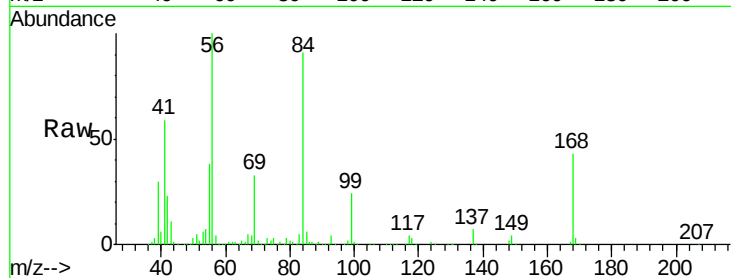
Tot Ion: 56 Resp: 579248

Ion Ratio Lower Upper

56 100

69 32.6 26.3 39.5

84 89.6 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 145.912 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

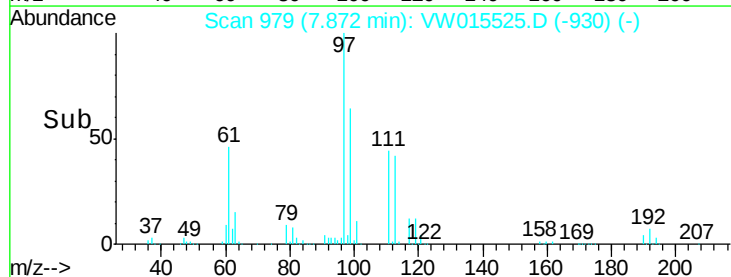
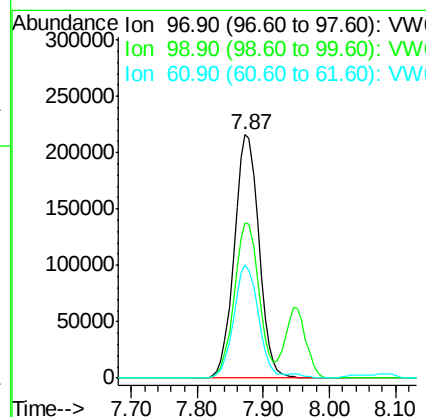
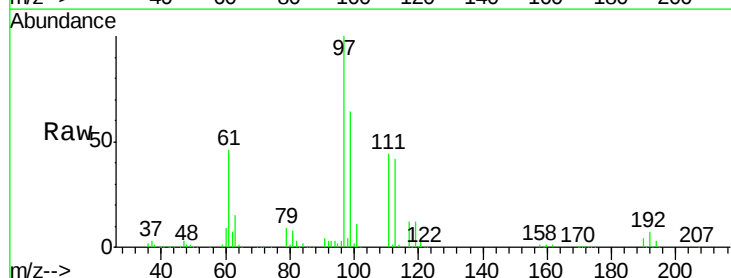
Tgt Ion: 97 Resp: 558567

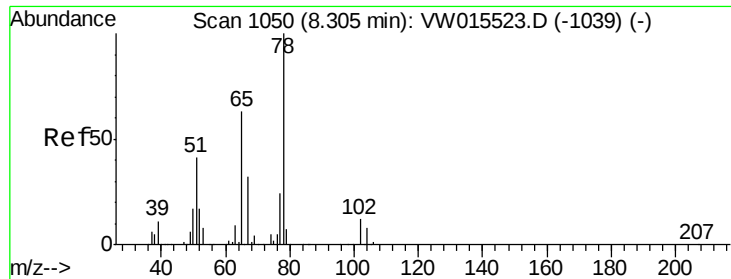
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 46.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 138.749 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

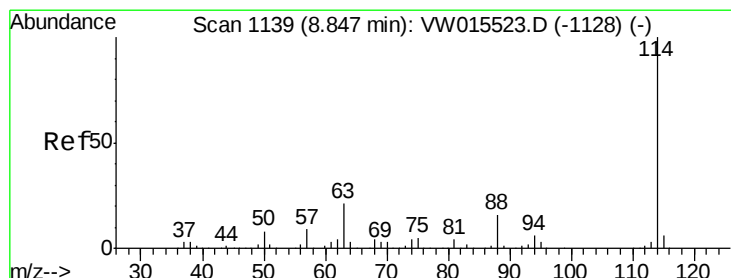
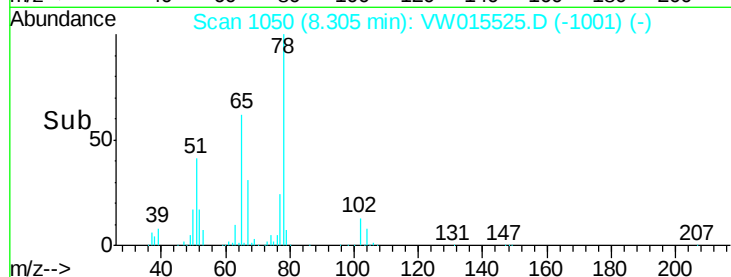
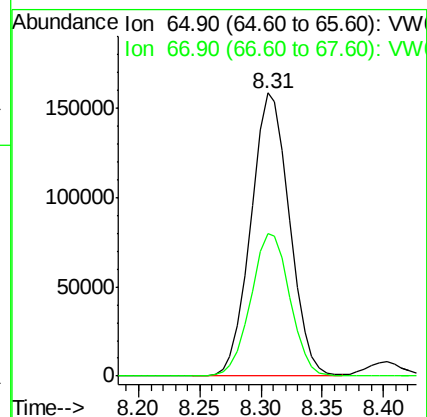
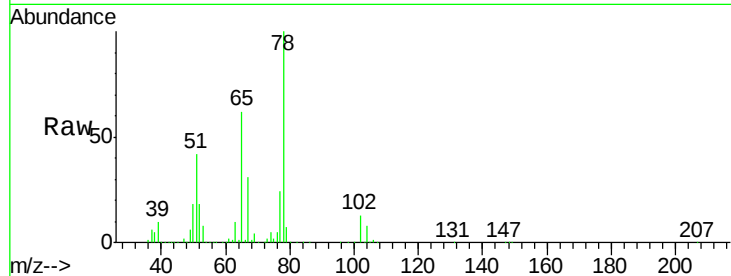
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 348381

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

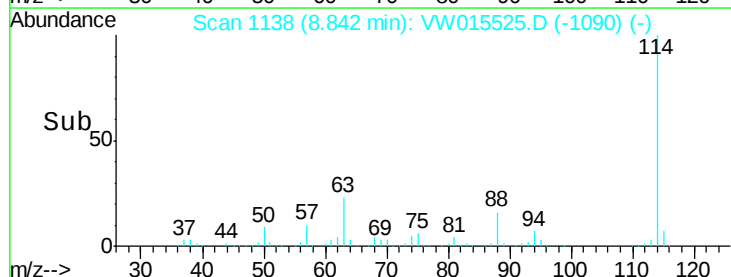
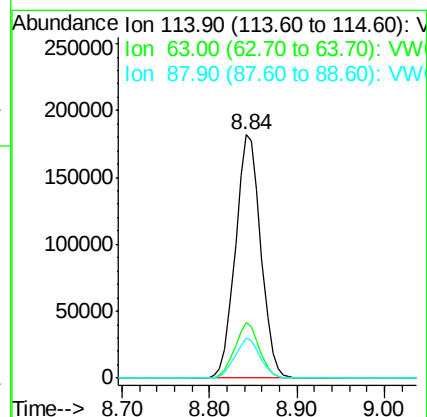
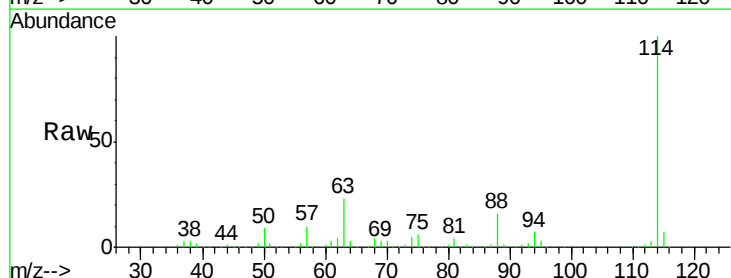
Tgt Ion: 114 Resp: 365706

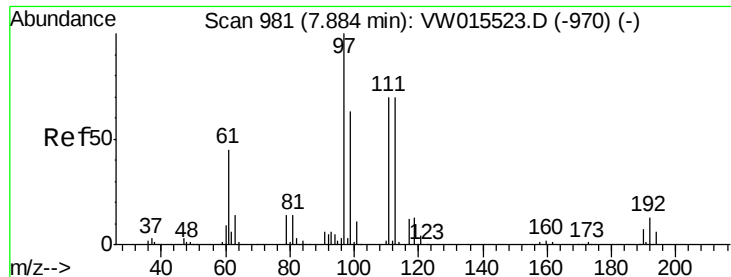
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.0

88 16.4 0.0 31.8

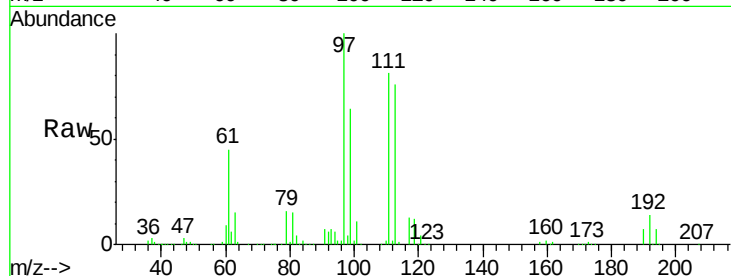




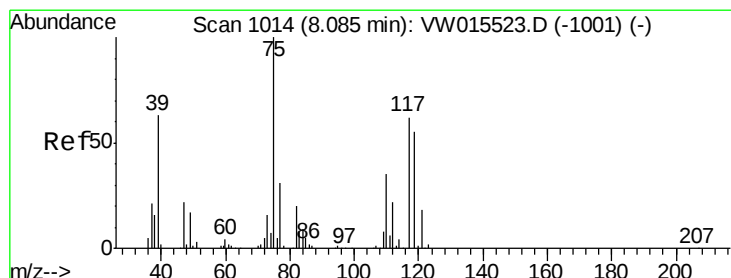
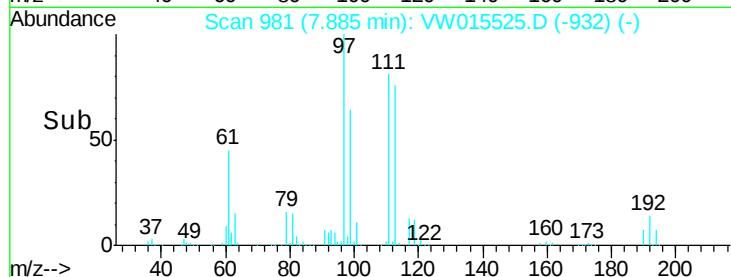
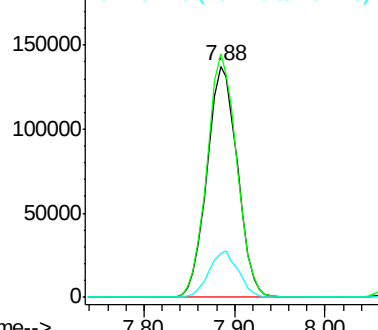
#35
Dibromofluoromethane
Concen: 151.491 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:113 Resp: 319133
Ion Ratio Lower Upper
113 100
111 103.7 83.3 124.9
192 19.6 15.8 23.6

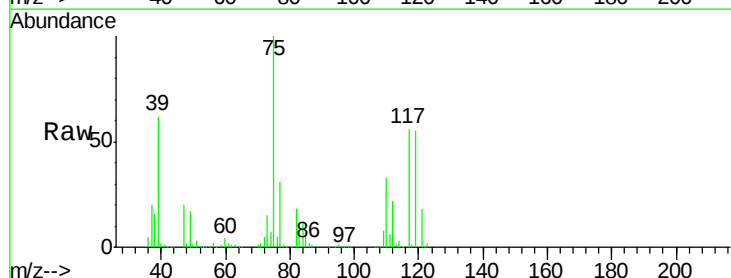


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

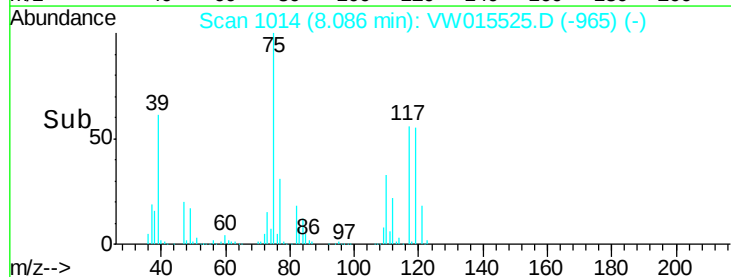
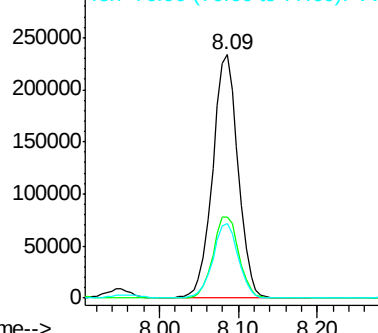


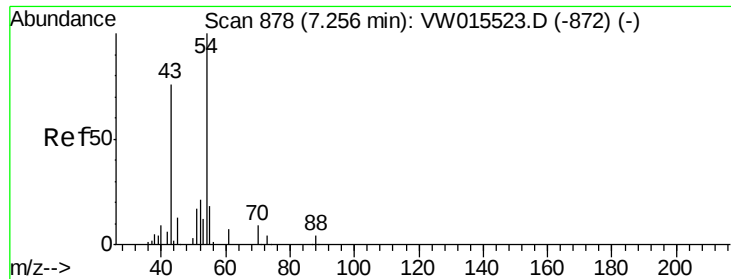
#36
1,1-Dichloropropene
Concen: 143.821 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 75 Resp: 521989
Ion Ratio Lower Upper
75 100
110 34.0 17.2 51.6
77 30.9 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

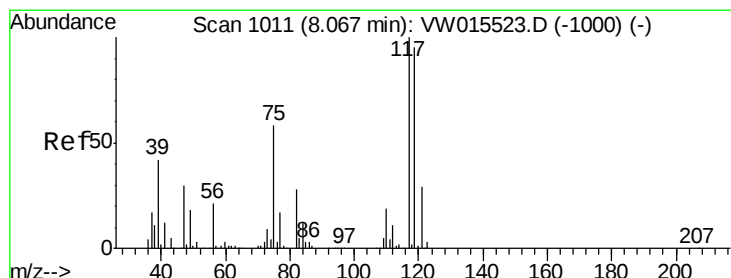
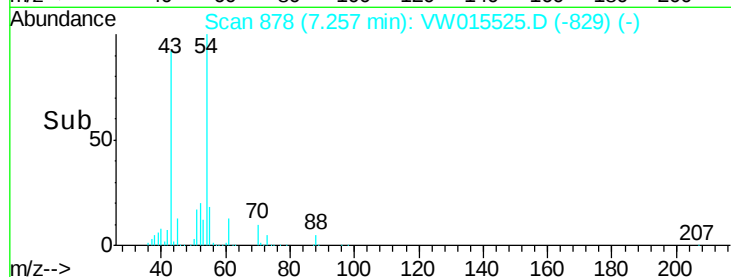
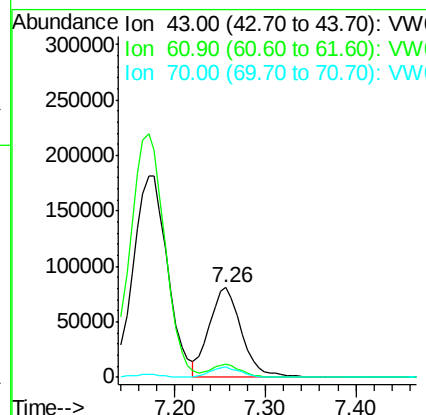
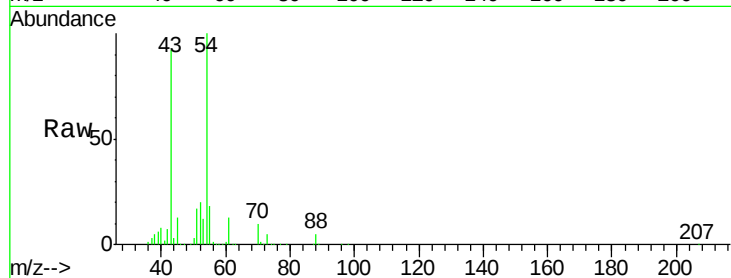




#37
Ethyl Acetate
Concen: 140.339 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

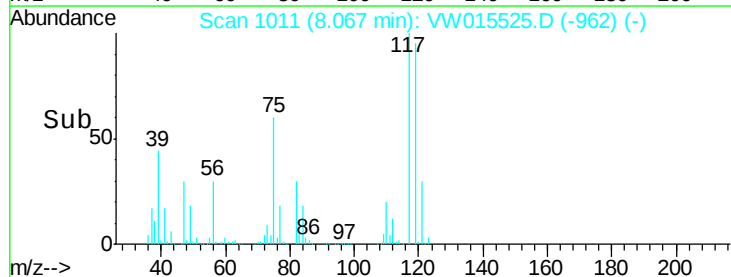
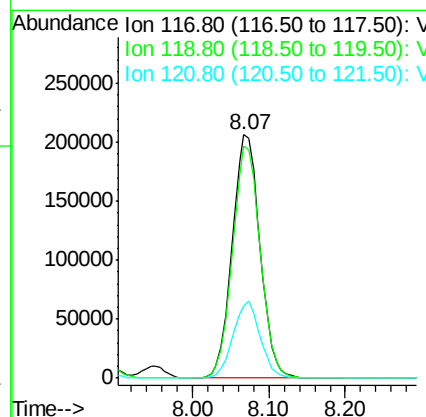
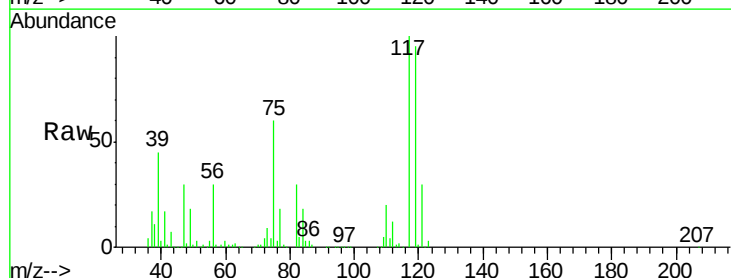
Instrument :
MSVOA_W
ClientSampled :

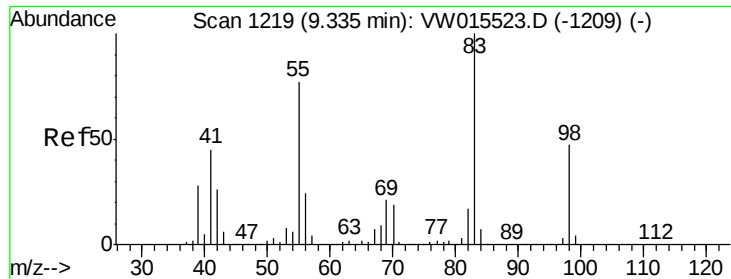
Tot Ion: 43 Resp: 200580
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 150.882 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 117 Resp: 518059
Ion Ratio Lower Upper
117 100
119 95.2 75.9 113.9
121 29.5 23.5 35.3

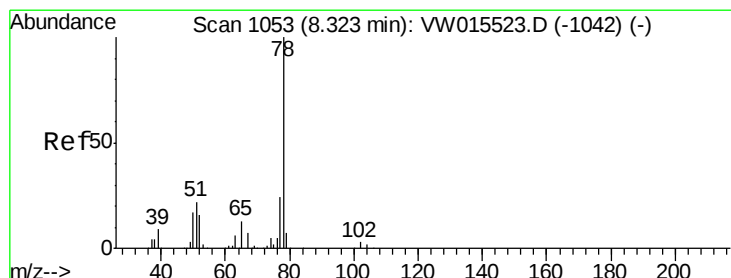
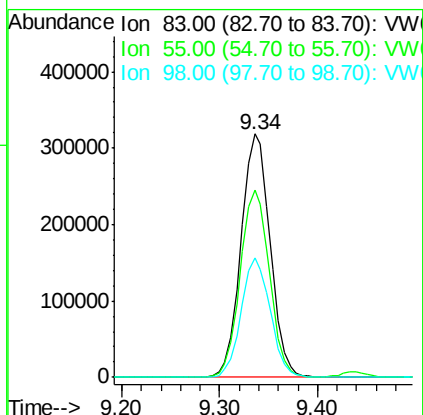
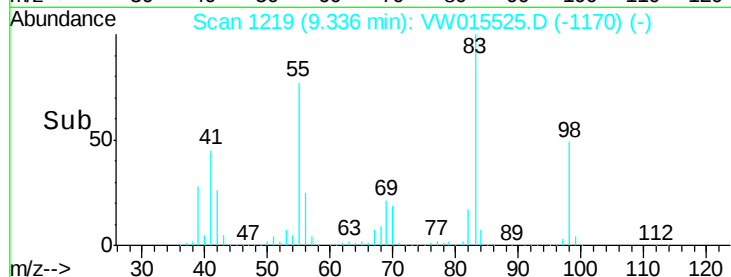
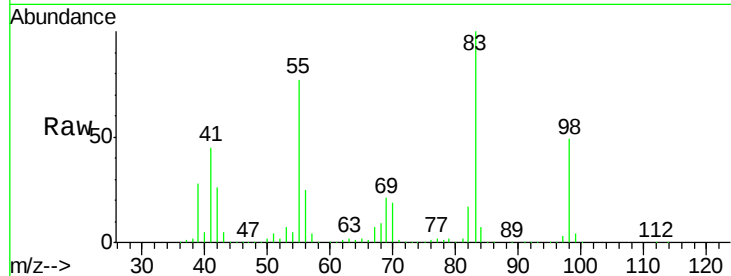




#39
Methvlcvclohexane
Concen: 143.144 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

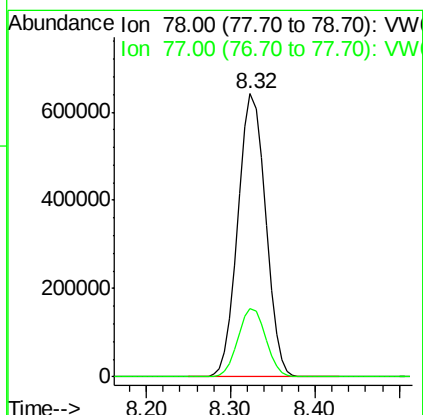
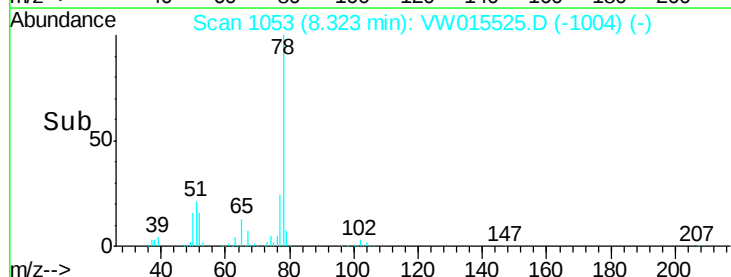
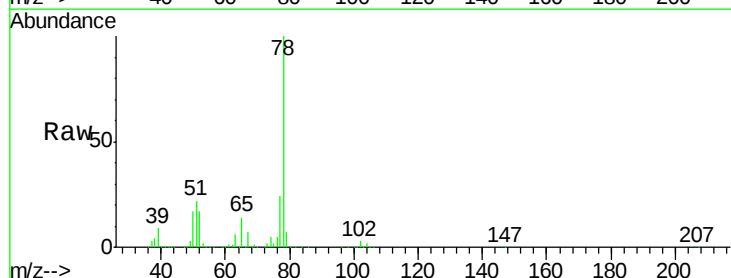
Instrument :
MSVOA_W
ClientSampled :

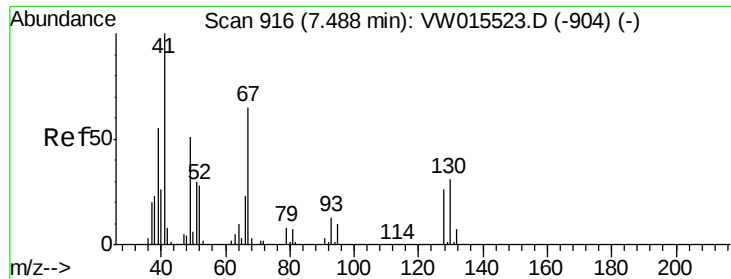
Tot Ion: 83 Resp: 657908
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 49.1 37.7 56.5



#40
Benzene
Concen: 143.523 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 78 Resp: 1426569
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

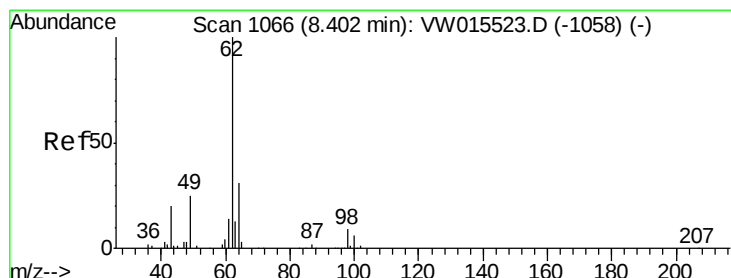
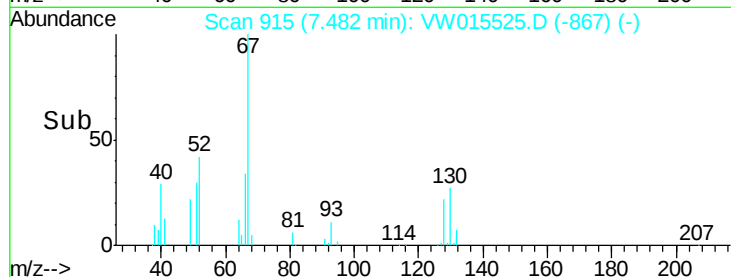
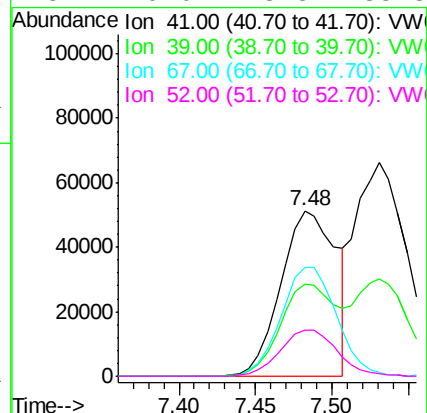
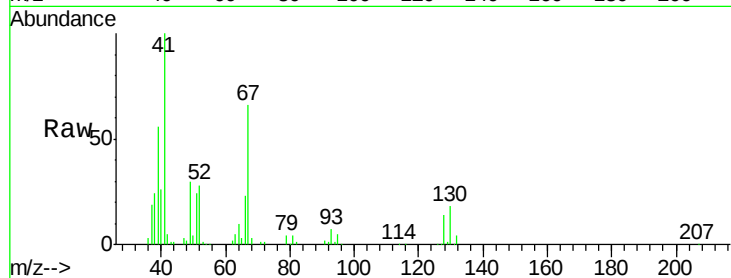




#41
Methacrylonitrile
Concen: 141.988 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

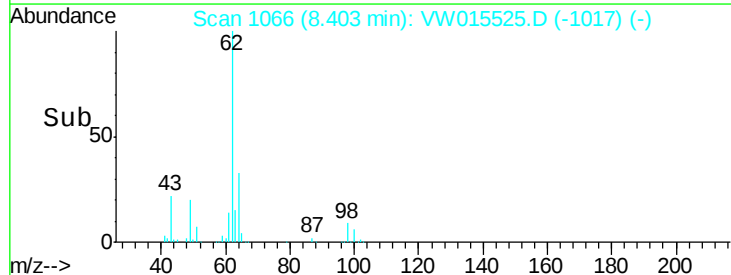
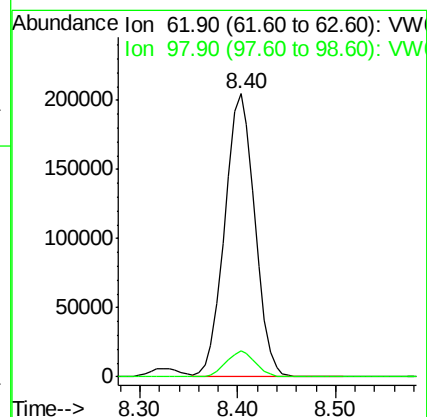
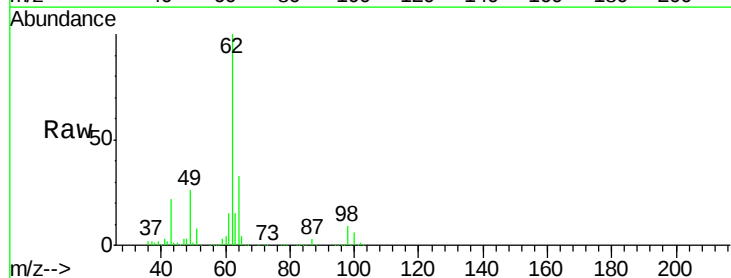
Instrument :
MSVOA_W
ClientSampled :

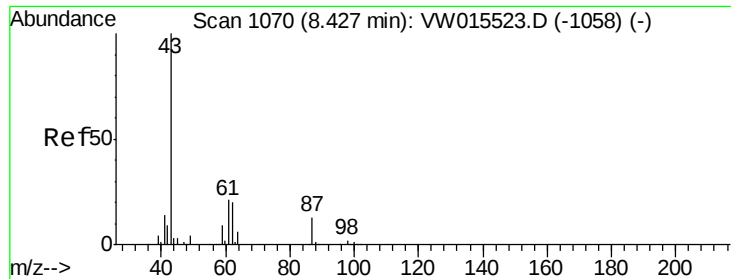
Tot Ion:	41	Resp:	129428
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.5	66.7
67	66.2	53.1	79.7
52	29.0	23.5	35.3



#42
1,2-Dichloroethane
Concen: 143.392 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:	62	Resp:	436630
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6



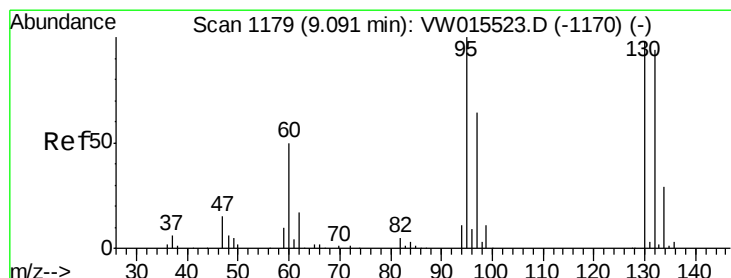
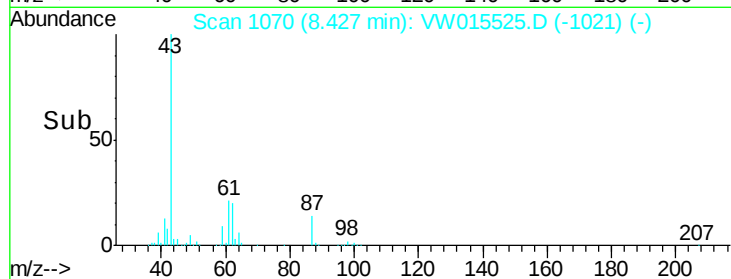
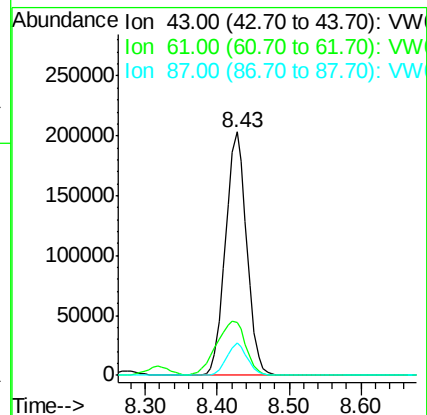
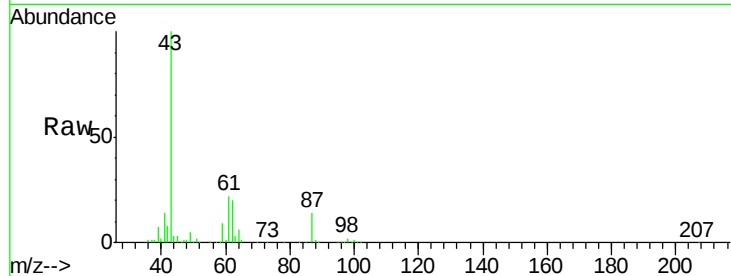


#43

Isopropyl Acetate
 Concen: 138.194 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :

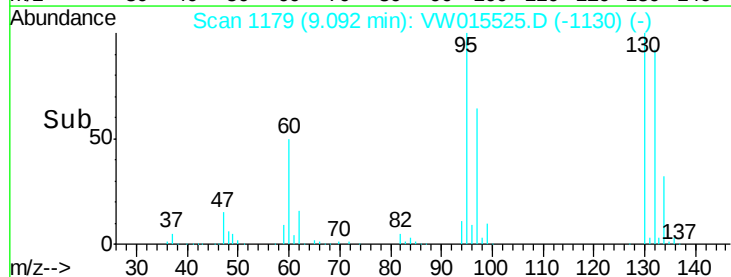
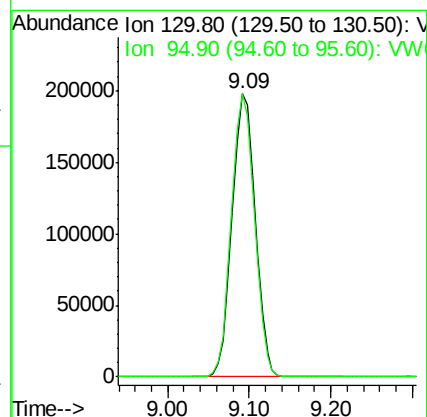
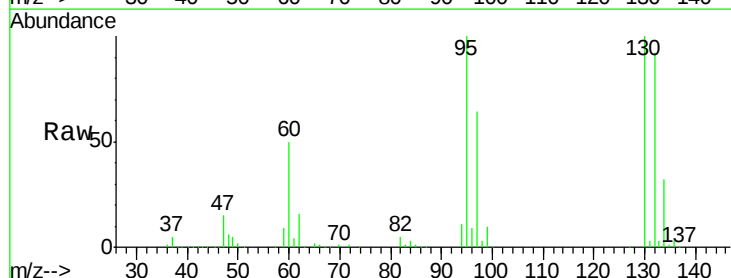
Tot Ion: 43 Resp: 415705
 Ion Ratio Lower Upper
 43 100
 61 30.7 23.8 35.8
 87 13.1 10.1 15.1

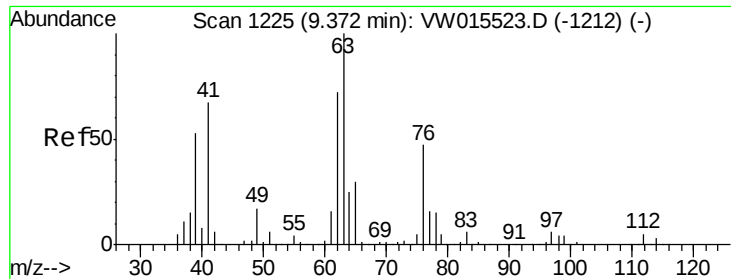


#44

Trichloroethene
 Concen: 150.164 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 130 Resp: 387428
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 204.0





#45

1,2-Dichloropropane

Concen: 144.130 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

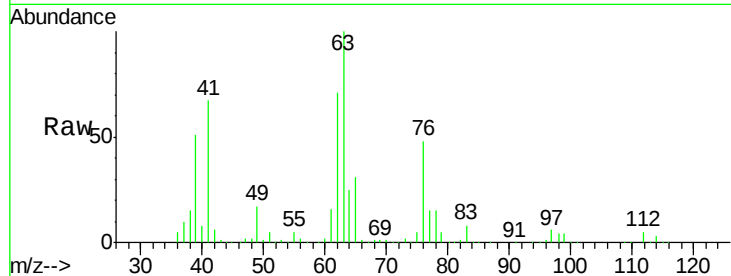
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 354090

Ion Ratio Lower Upper

63 100

65 30.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

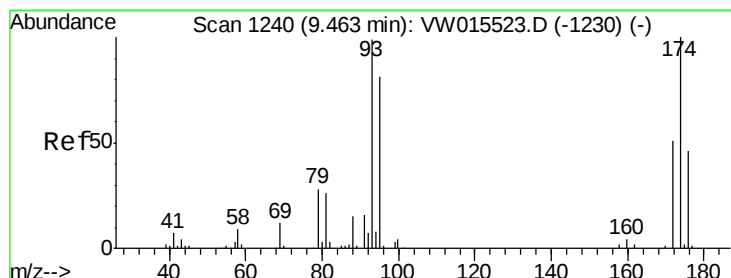
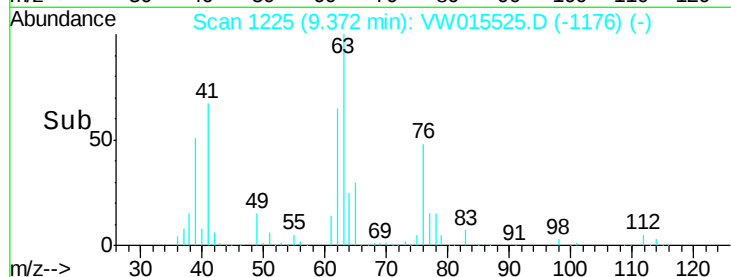
150000

100000

50000

0

Time--> 9.20 9.30 9.40 9.50



#46

Dibromomethane

Concen: 146.664 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

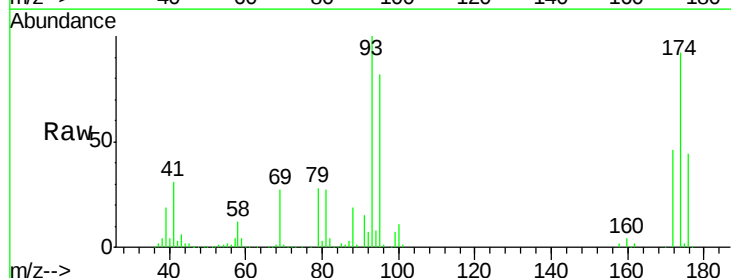
Tgt Ion: 93 Resp: 181407

Ion Ratio Lower Upper

93 100

95 83.7 65.1 97.7

174 100.1 78.6 118.0



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

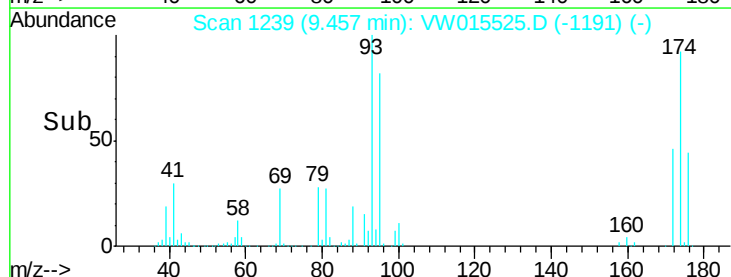
60000

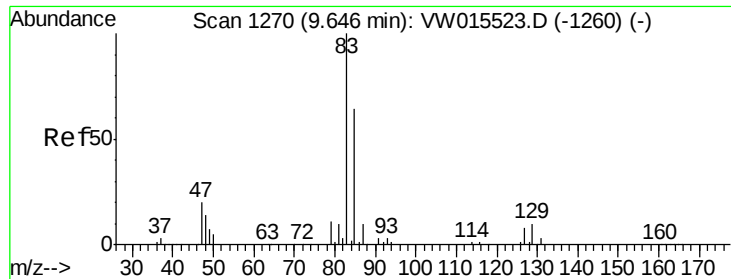
40000

20000

0

Time--> 9.35 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 149.756 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

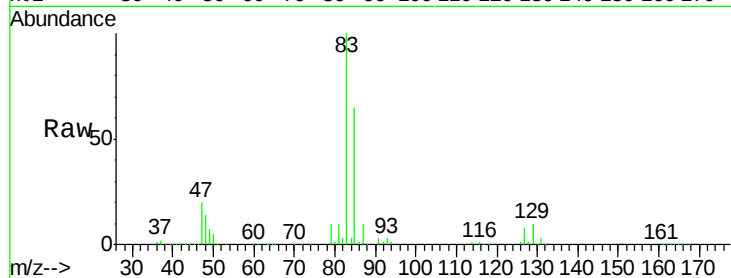
Tot Ion: 83 Resp: 500443

Ion Ratio Lower Upper

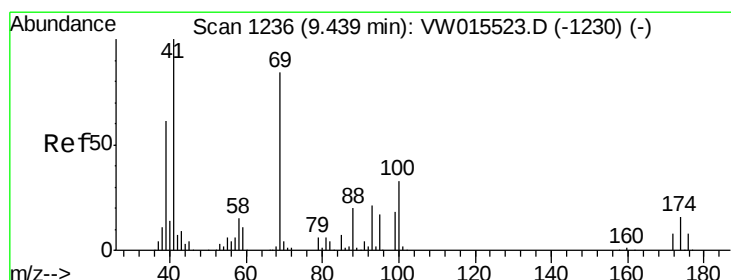
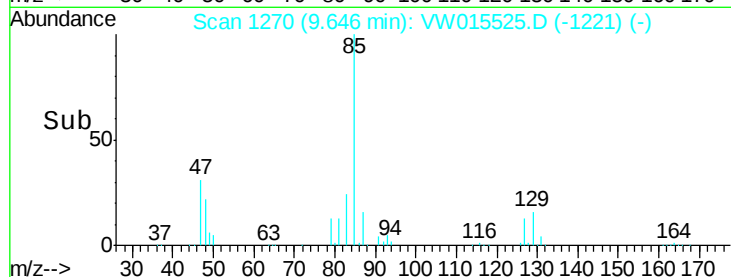
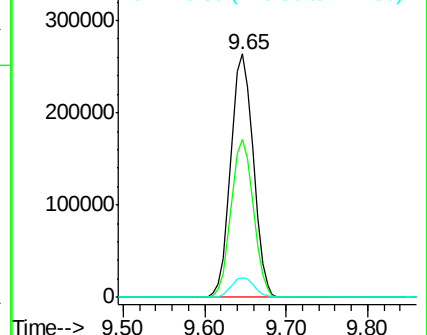
83 100

85 64.8 51.1 76.7

127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 145.007 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

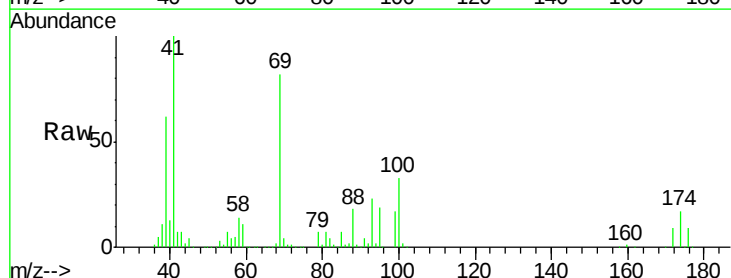
Tgt Ion: 41 Resp: 200579

Ion Ratio Lower Upper

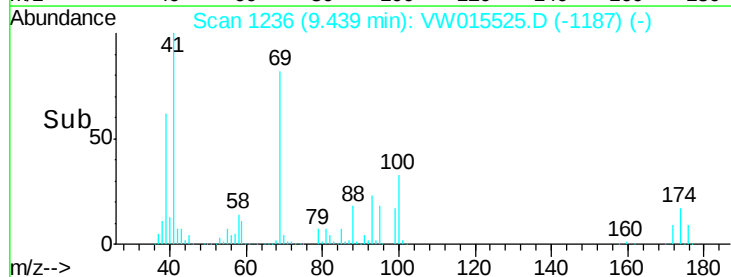
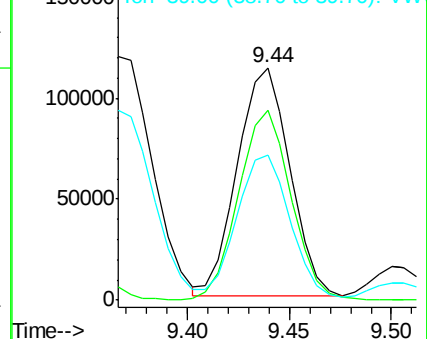
41 100

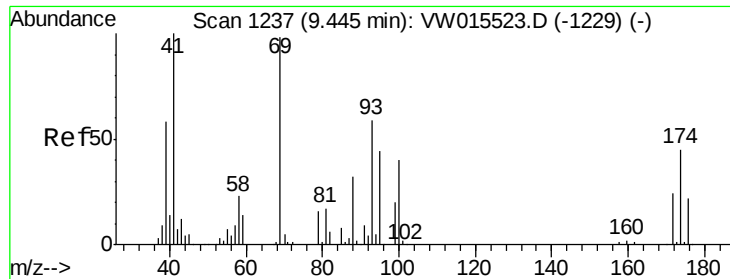
69 84.5 67.8 101.8

39 62.5 50.2 75.2



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

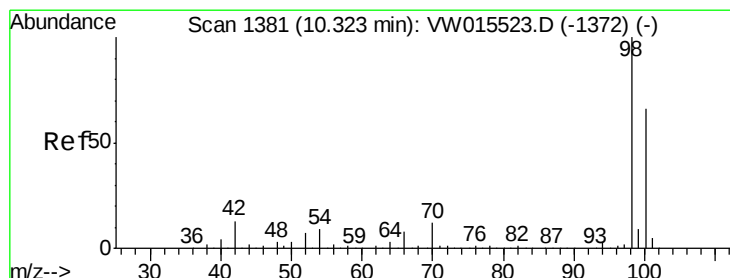
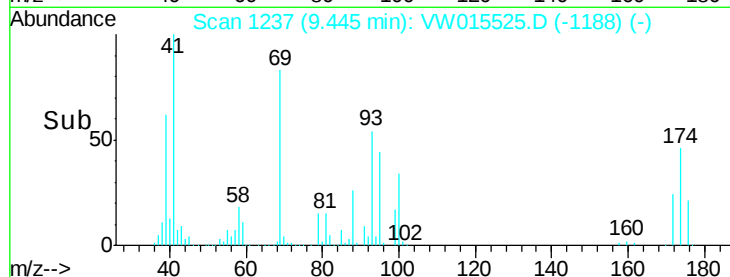
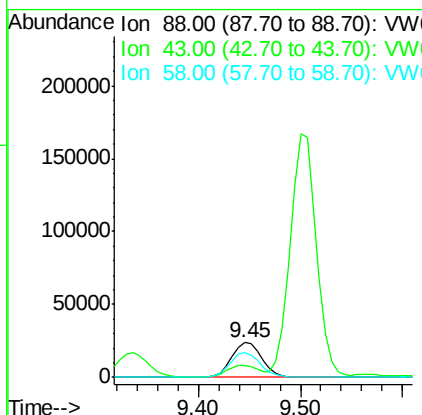
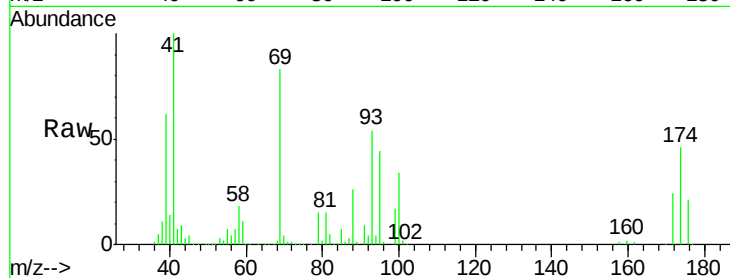




#49
1,4-Dioxane
Concen: 3064.051 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

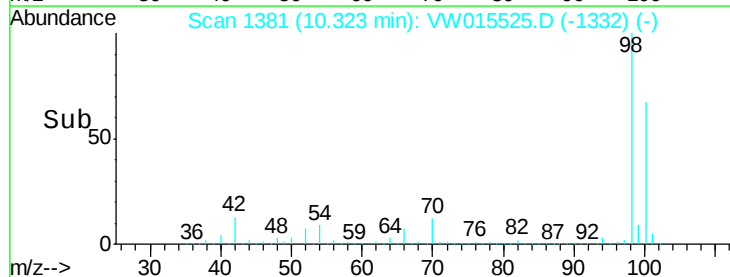
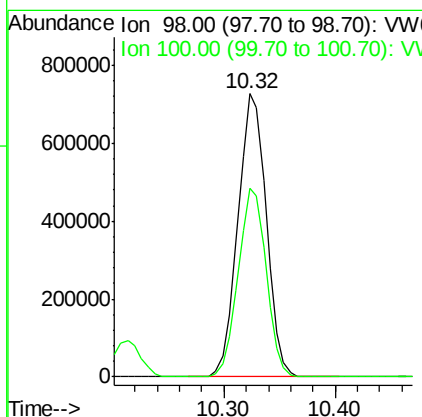
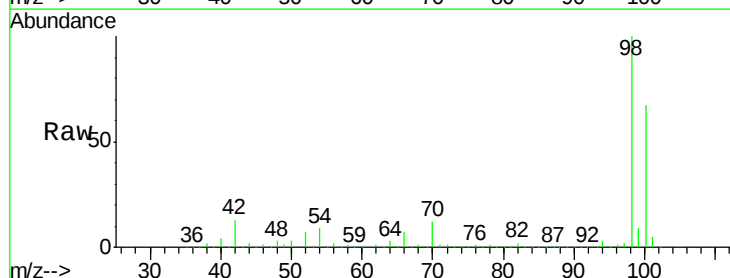
Instrument :
MSVOA_W
ClientSampleId :

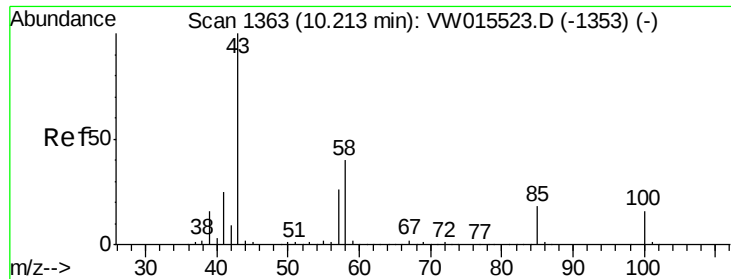
Tot Ion: 88 Resp: 49059
Ion Ratio Lower Upper
88 100
43 34.3 27.9 41.9
58 70.7 58.8 88.2



#50
Toluene-d8
Concen: 148.159 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 98 Resp: 1281559
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 710.252 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

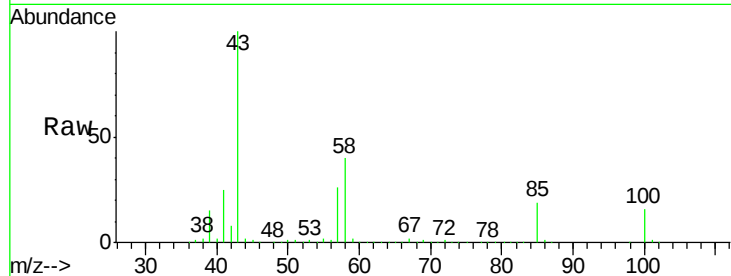
ClientSampled :

Tot Ion: 43 Resp: 1002610

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

600000

500000

400000

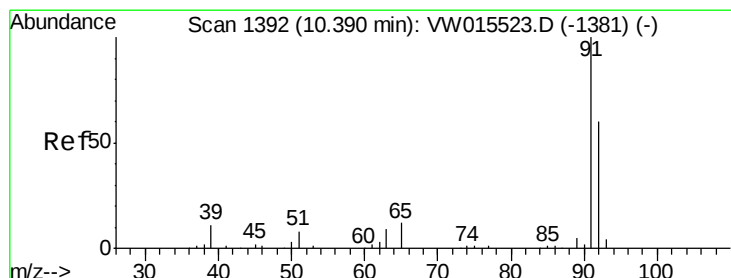
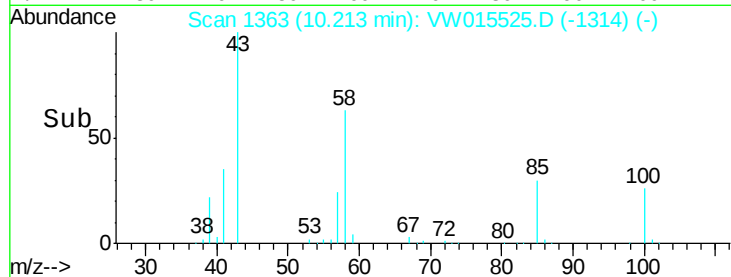
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 146.264 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015525.D

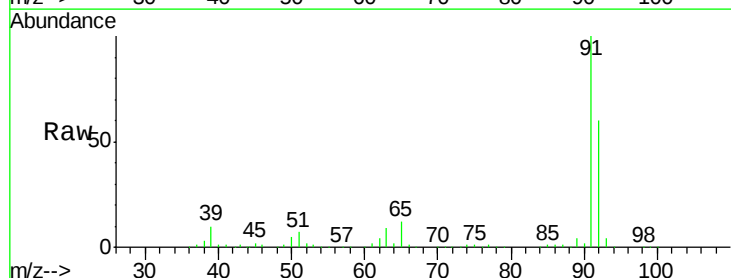
Acq: 02 Jun 2020 13:23

Tgt Ion: 92 Resp: 942633

Ion Ratio Lower Upper

92 100

91 169.8 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

1000000

800000

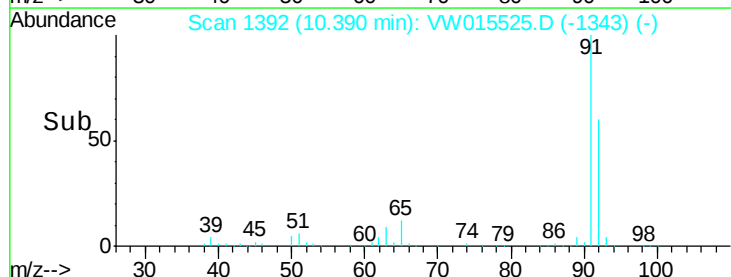
600000

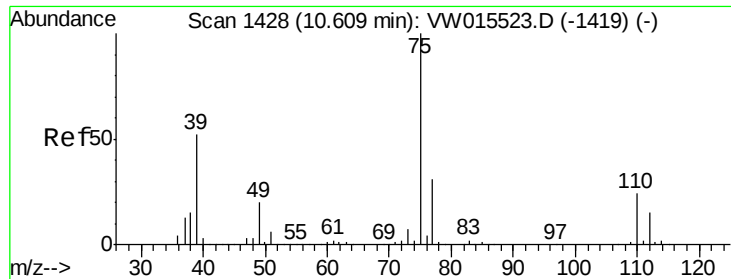
400000

200000

0

Time--> 10.30 10.40 10.50

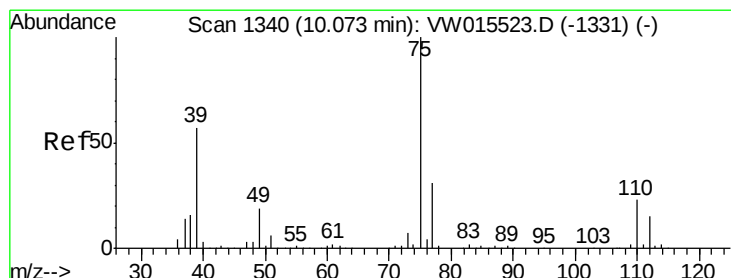
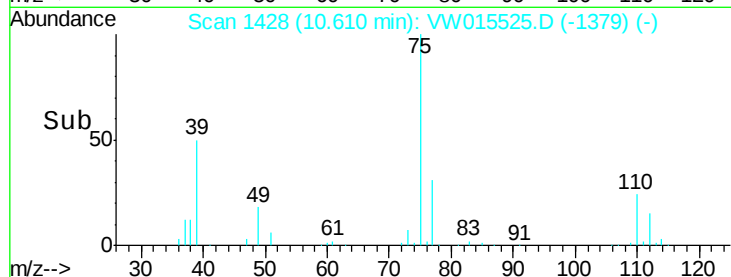
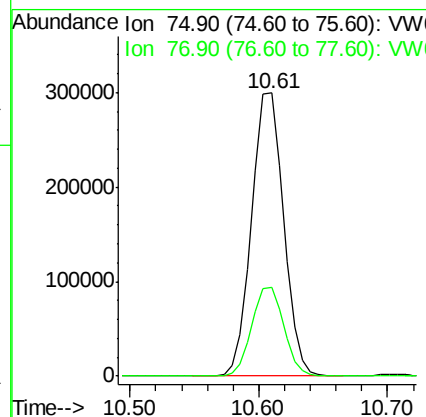
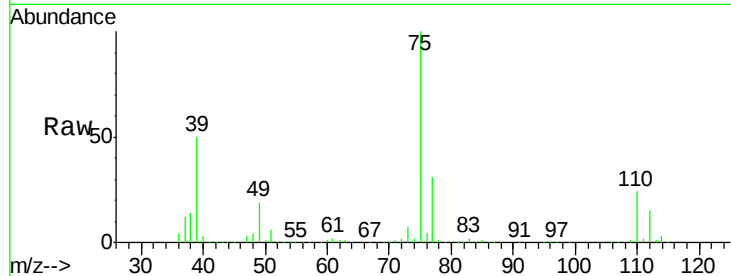




#53
 t-1,3-Dichloropropene
 Concen: 150.744 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

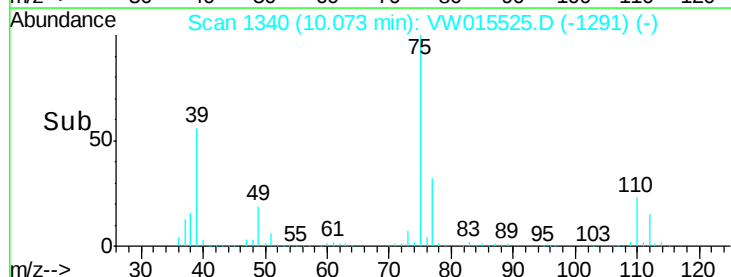
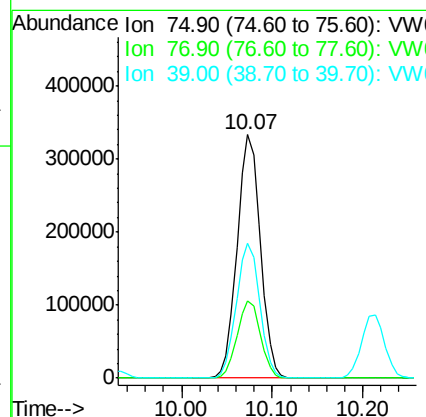
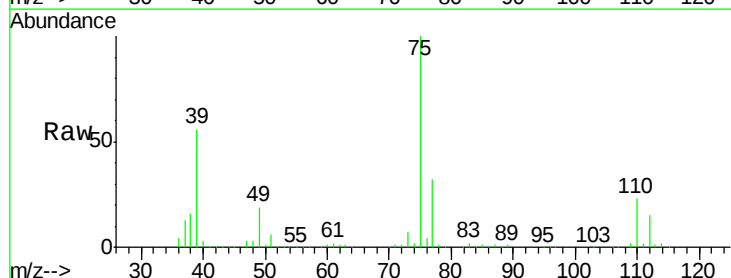
Instrument :
 MSVOA_W
 ClientSampleId :

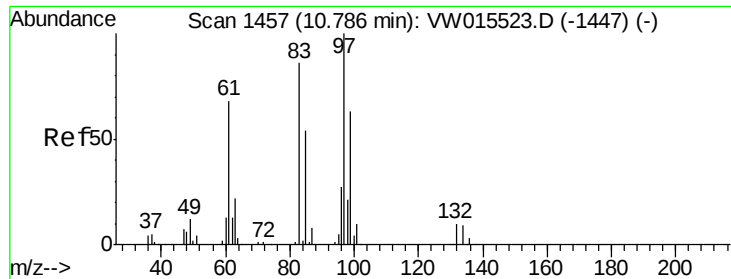
Tot Ion: 75 Resp: 514542
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 148.385 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 75 Resp: 593259
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 55.5 45.4 68.2





#55

1,1,2-Trichloroethane

Concen: 146.205 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

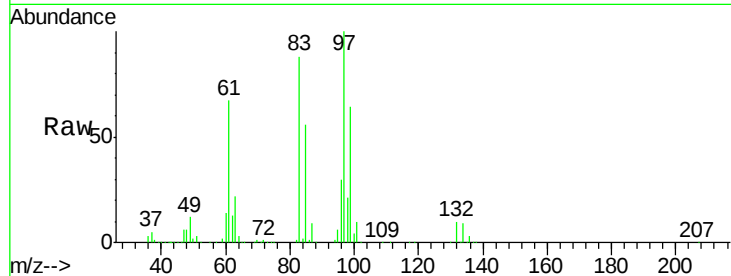
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 255157

Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.6	102.8
85	55.6	43.2	64.8
99	63.8	50.5	75.7



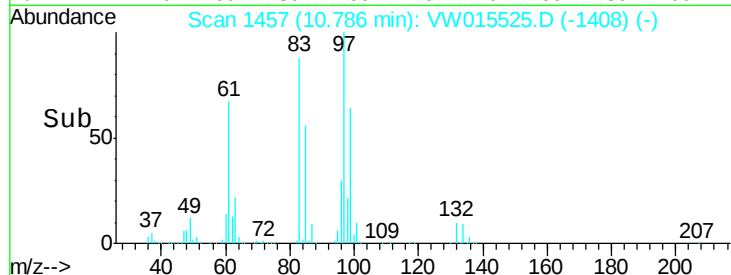
Abundance

Ion 96.90 (96.60 to 97.60): VW

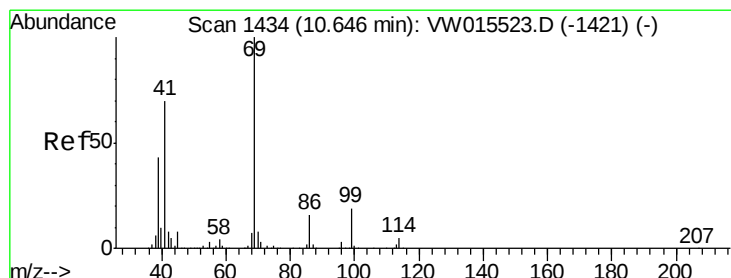
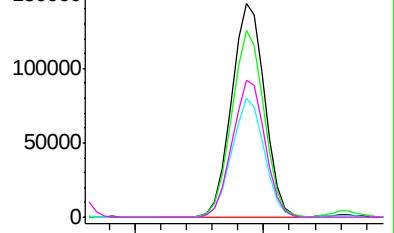
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->



#56

Ethyl methacrylate

Concen: 146.464 ug/l

RT: 10.65 min Scan# 1434

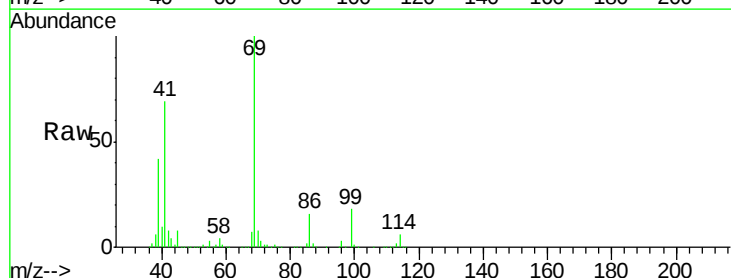
Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Tgt Ion: 69 Resp: 349134

Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.2	84.4
39	39.4	33.3	49.9

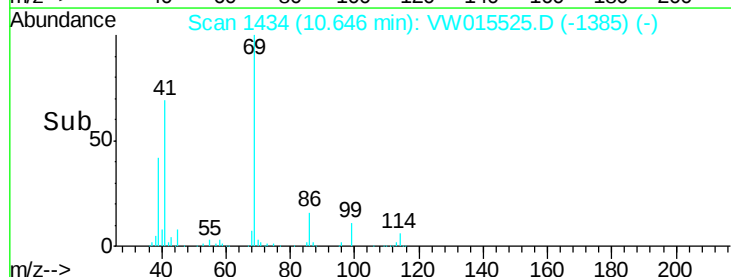


Abundance

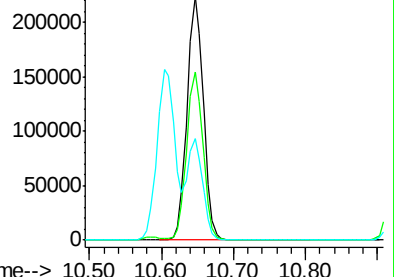
Ion 69.00 (68.70 to 69.70): VW

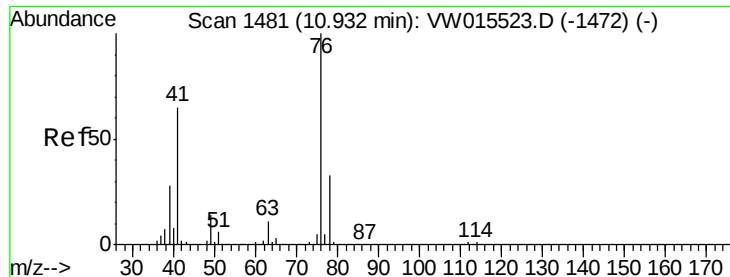
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->

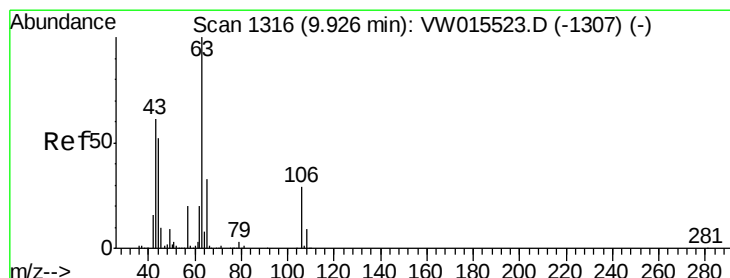
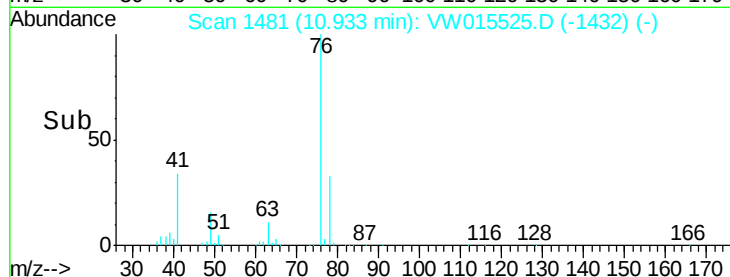
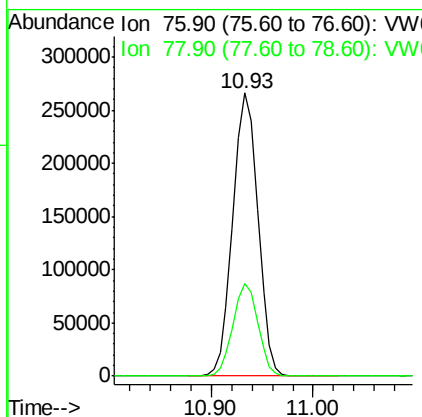
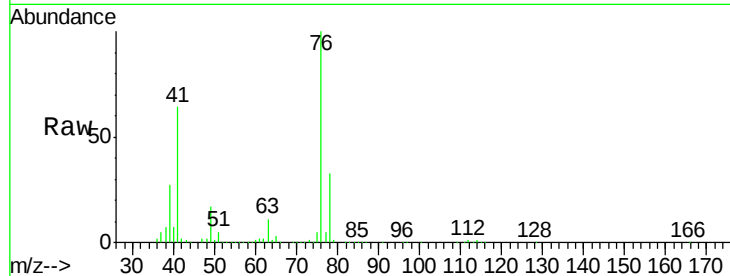




#57
 1,3-Dichloropropane
 Concen: 145.135 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

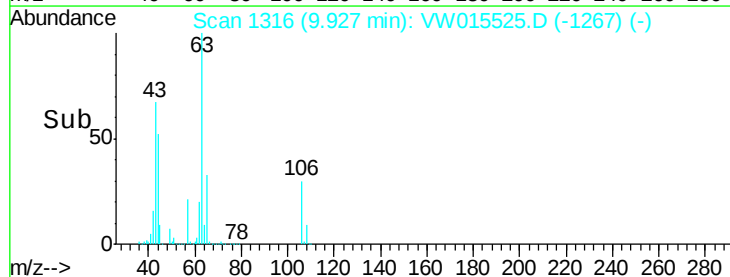
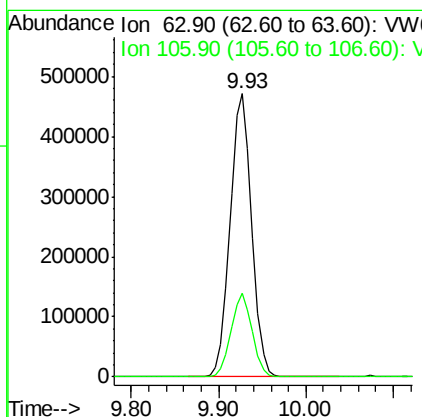
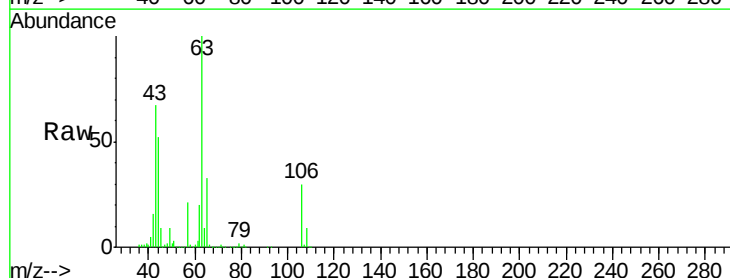
Instrument :
 MSVOA_W
 ClientSampled :

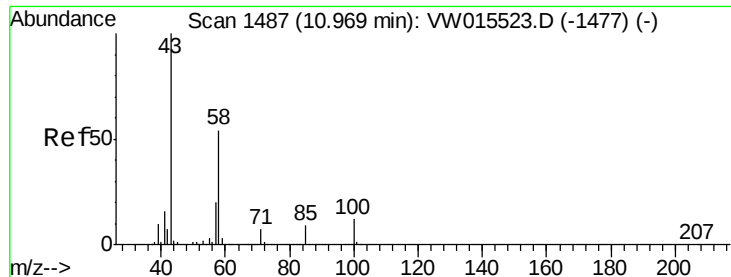
Tot Ion: 76 Resp: 453444
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 709.310 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 63 Resp: 804862
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.9 34.3

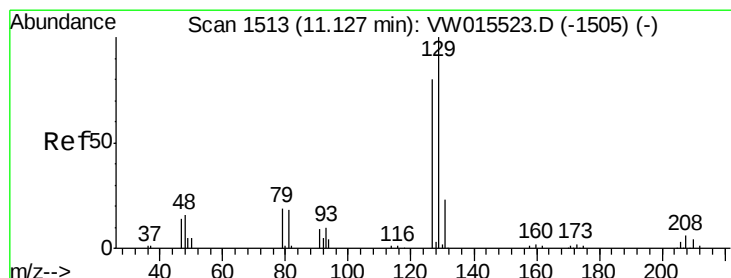
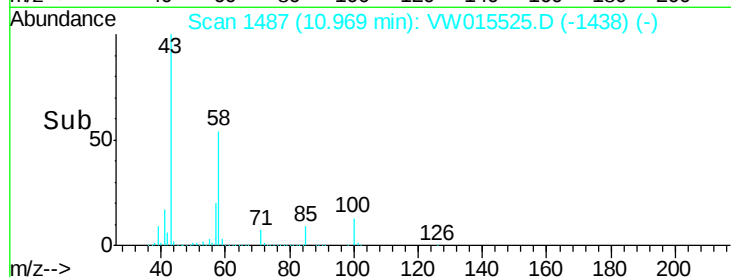
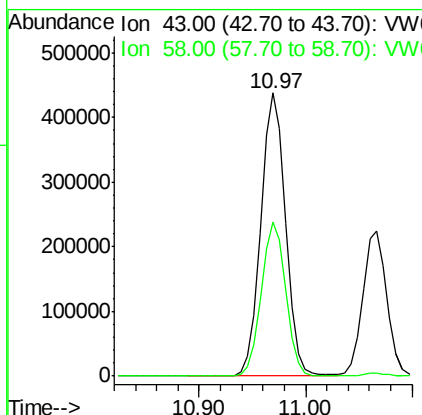
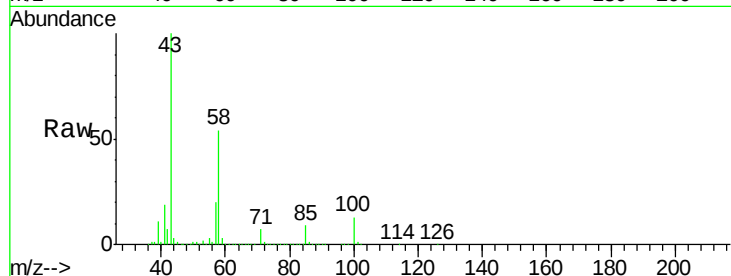




#59
2-Hexanone
Concen: 737.795 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

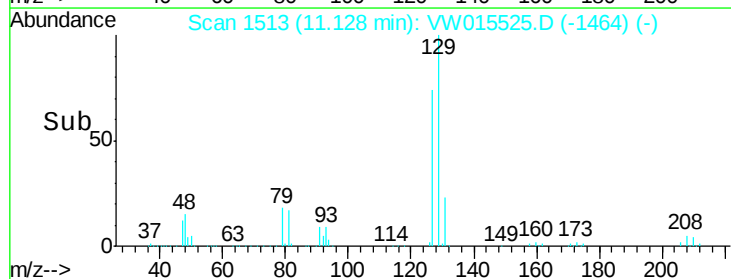
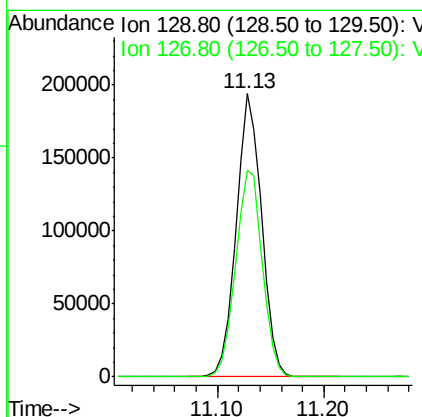
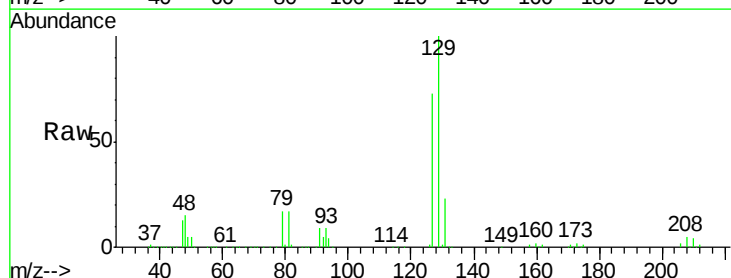
Instrument :
MSVOA_W
ClientSampleId :

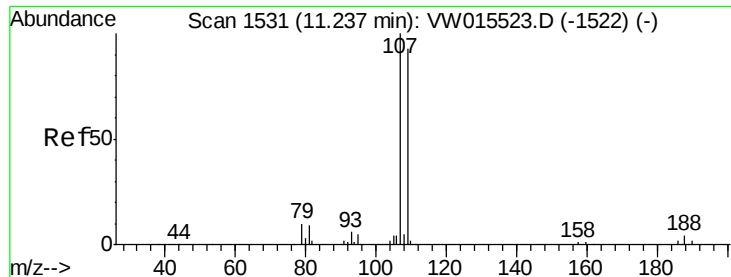
Tot Ion: 43 Resp: 712573
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.3



#60
Dibromochloromethane
Concen: 154.552 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 129 Resp: 325054
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

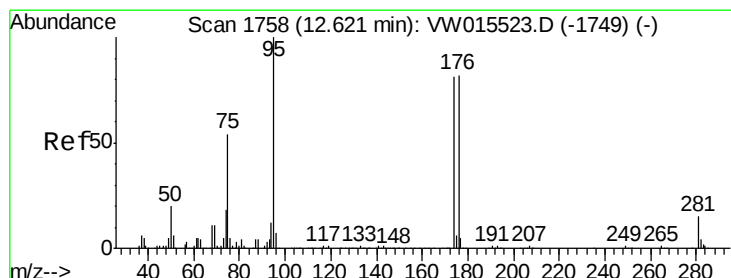
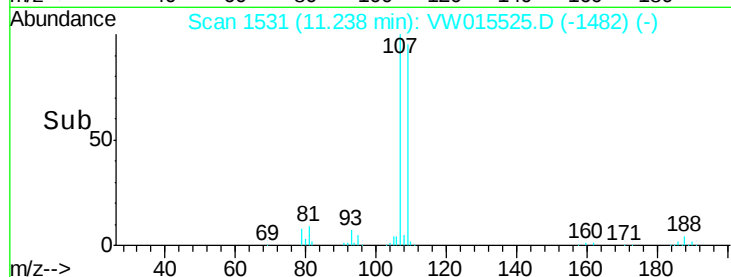
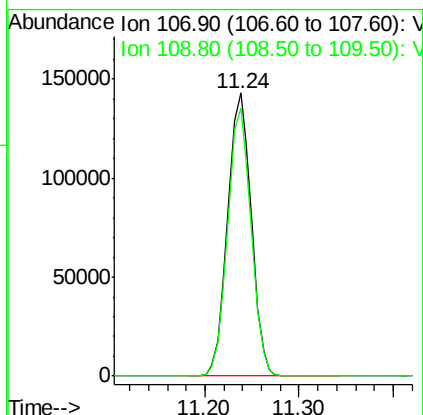
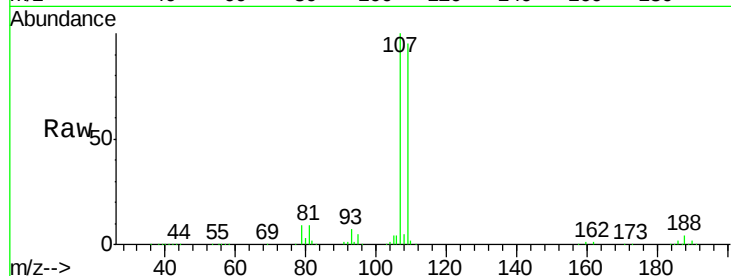




#61
 1,2-Dibromoethane
 Concen: 150.791 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

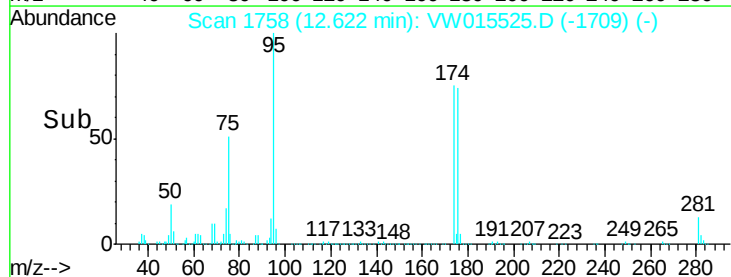
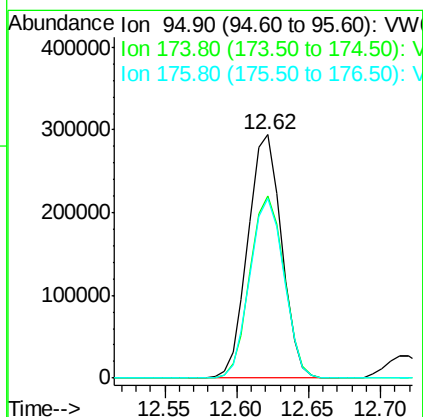
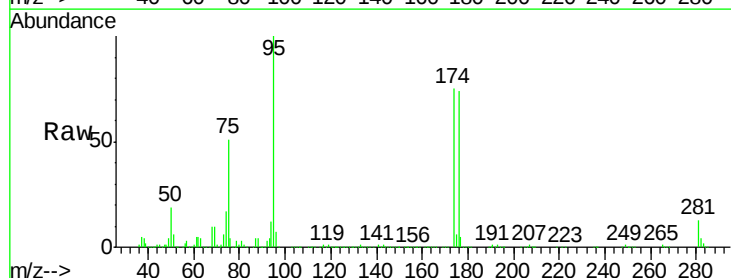
Instrument :
 MSVOA_W
 ClientSampleId :

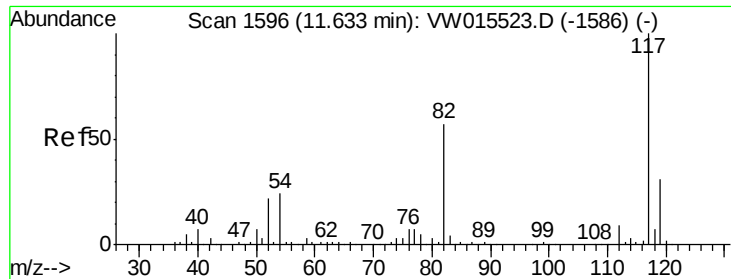
Tot Ion:107 Resp: 249458
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 149.006 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 95 Resp: 476078
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 153.6
 176 74.7 0.0 152.8

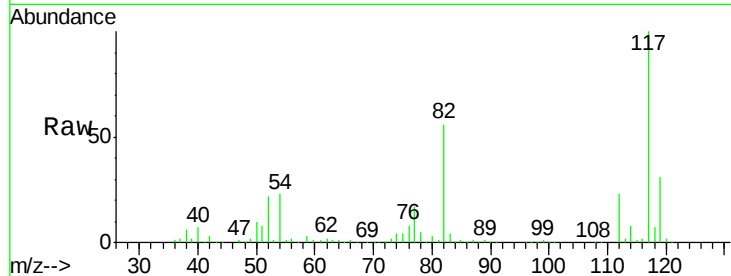




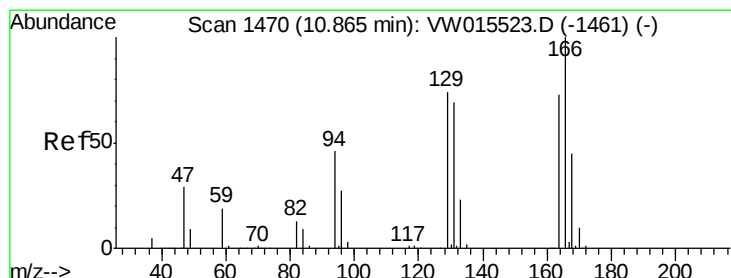
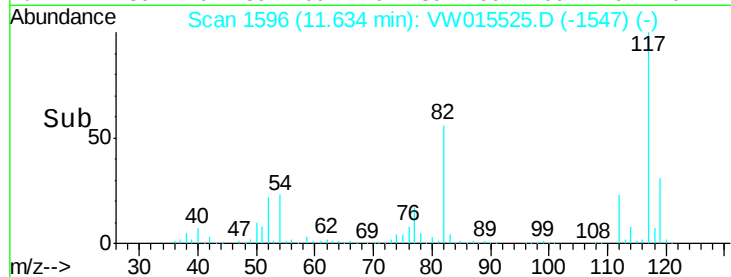
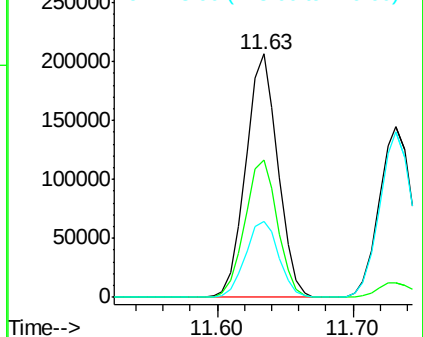
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 340304
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.8
119 31.3 24.7 37.1

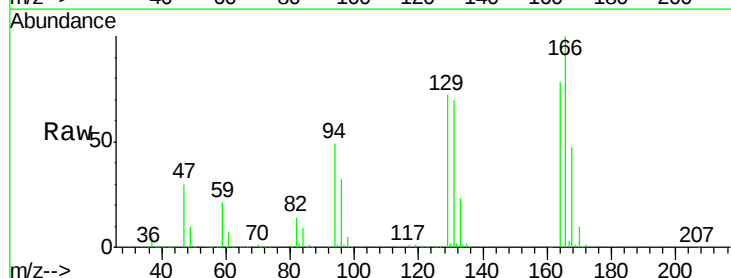


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

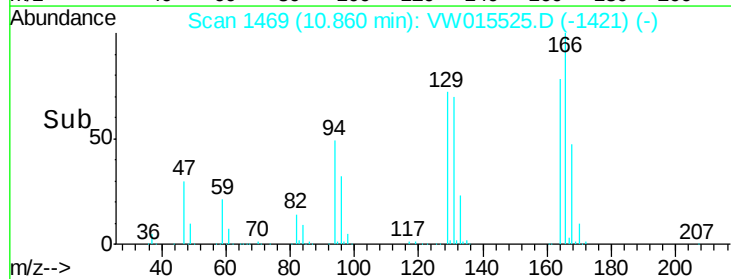
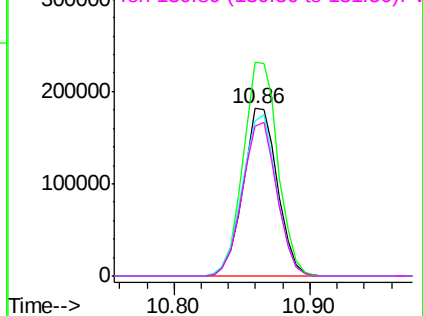


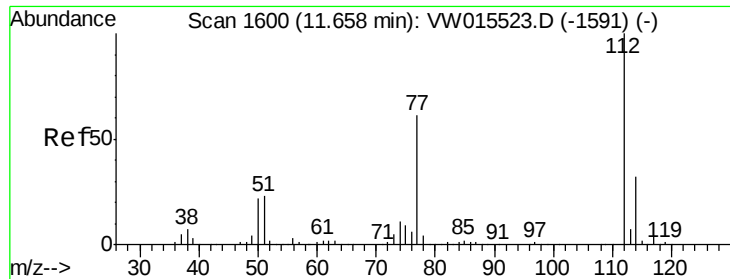
#64
Tetrachloroethene
Concen: 151.171 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:164 Resp: 319451
Ion Ratio Lower Upper
164 100
166 127.8 109.0 163.6
129 92.6 81.0 121.4
131 89.5 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

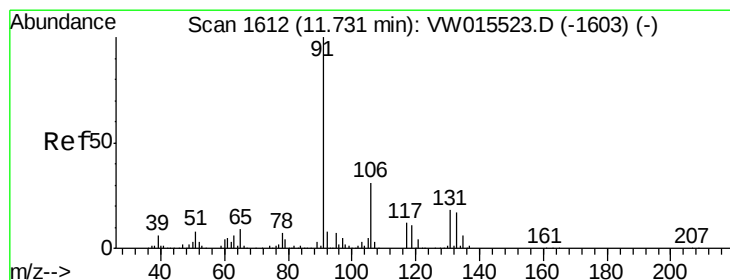
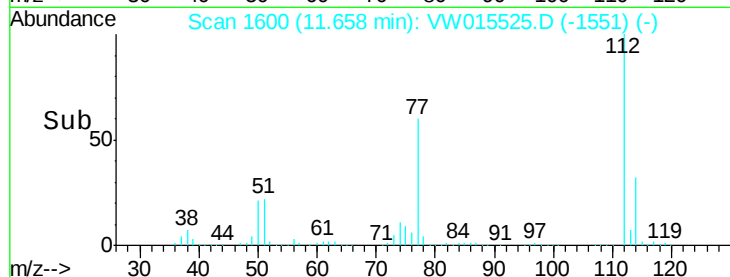
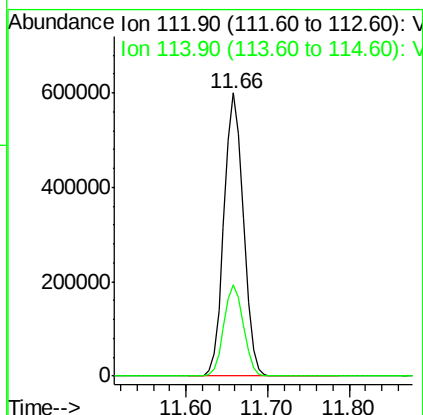
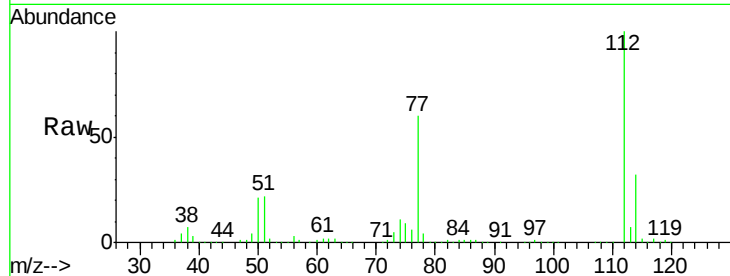




#65
Chlorobenzene
Concen: 145.023 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

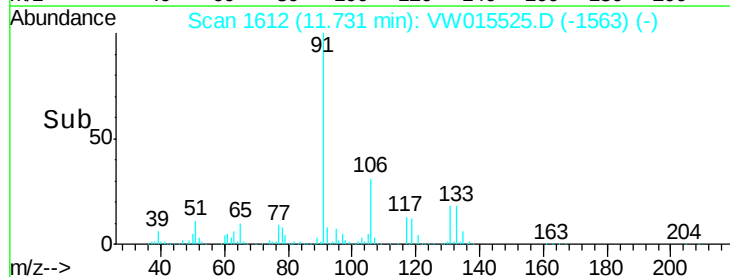
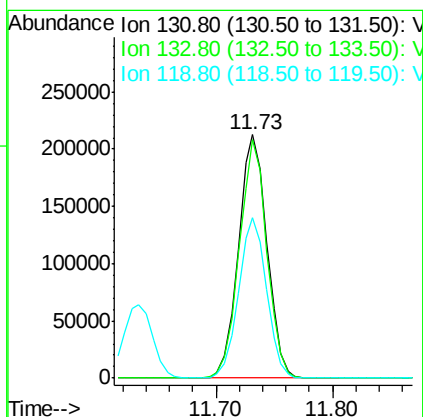
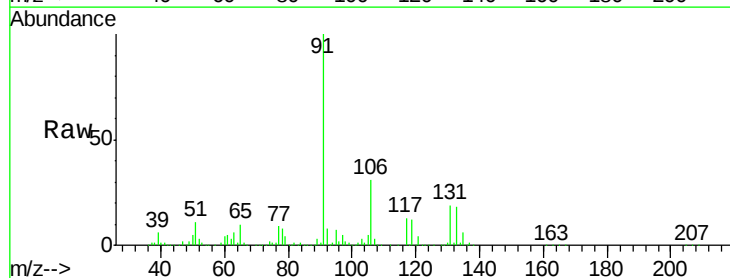
Instrument :
MSVOA_W
ClientSampleId :

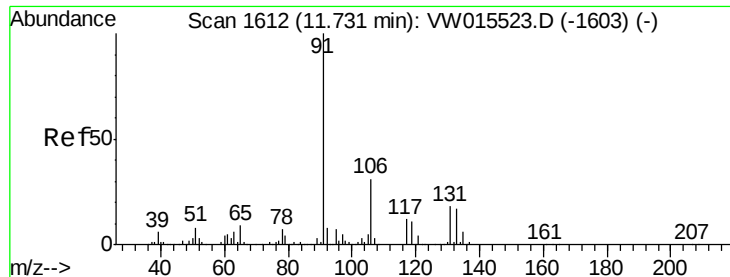
Tot Ion:112 Resp: 986691
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 148.929 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:131 Resp: 360015
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 65.0 32.5 97.5

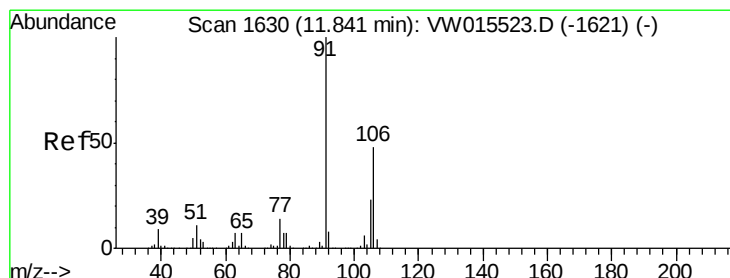
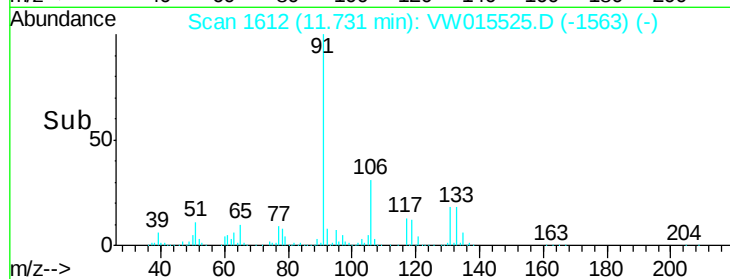
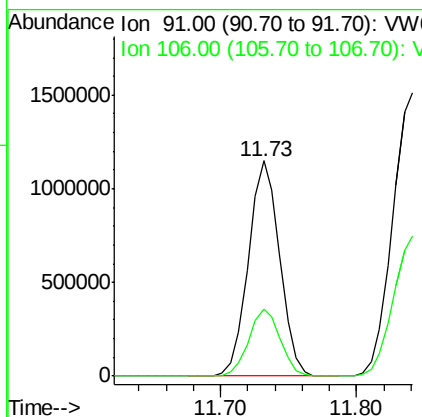
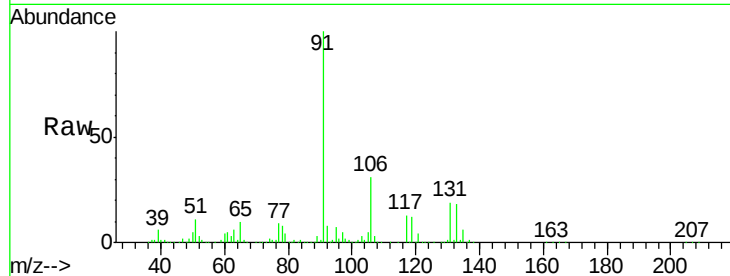




#67
Ethyl Benzene
Concen: 142.384 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

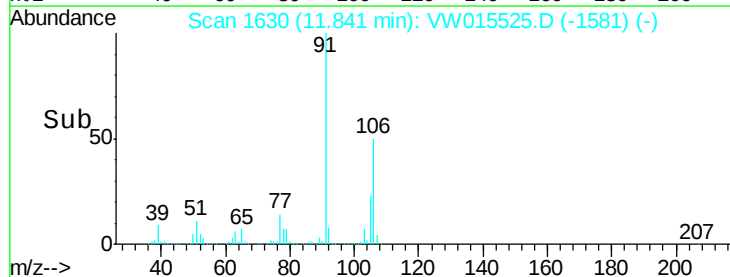
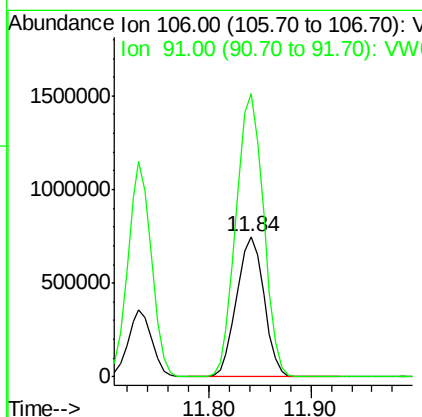
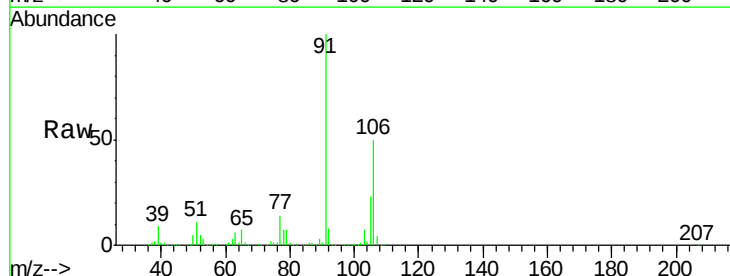
Instrument :
MSVOA_W
ClientSampled :

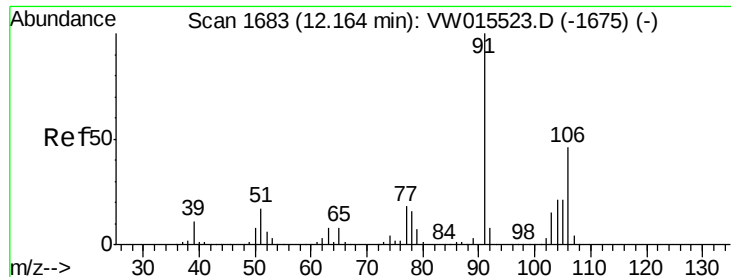
Tot Ion: 91 Resp: 1850242
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 287.325 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 106 Resp: 1390028
Ion Ratio Lower Upper
106 100
91 203.1 163.5 245.3

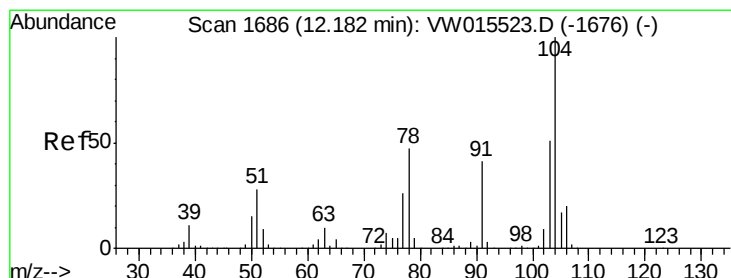
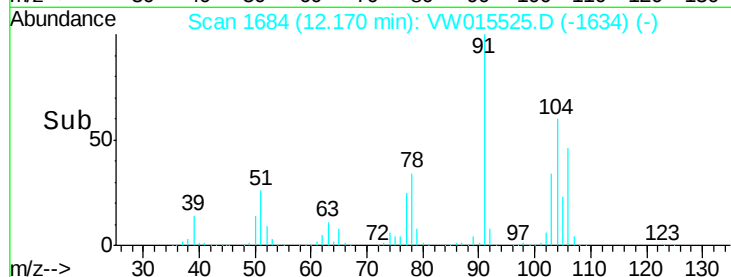
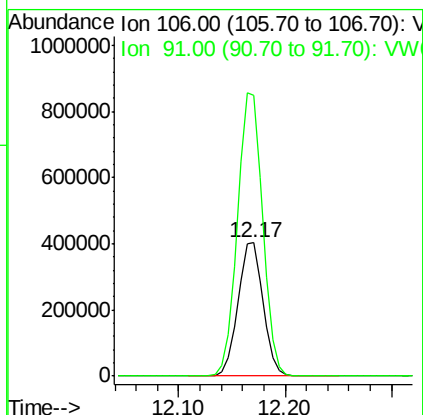
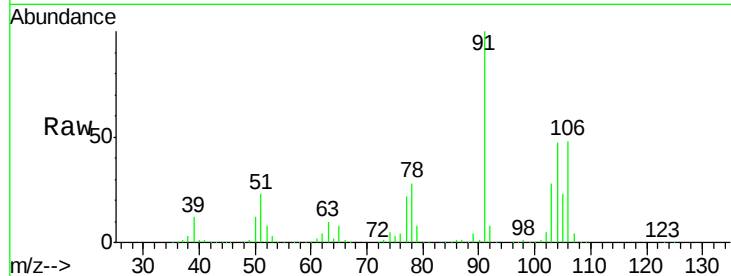




#69
o-Xylene
Concen: 147.125 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

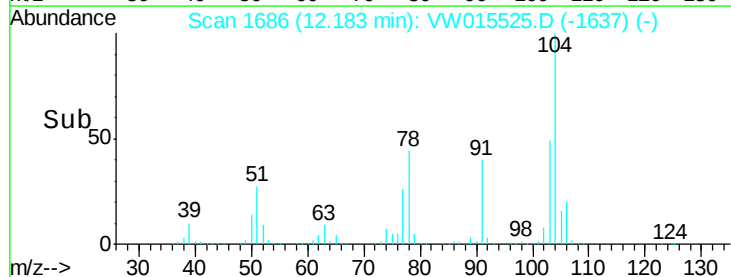
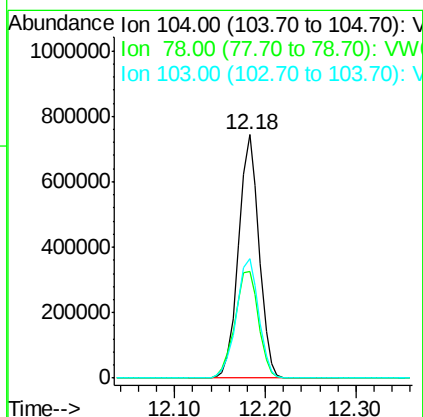
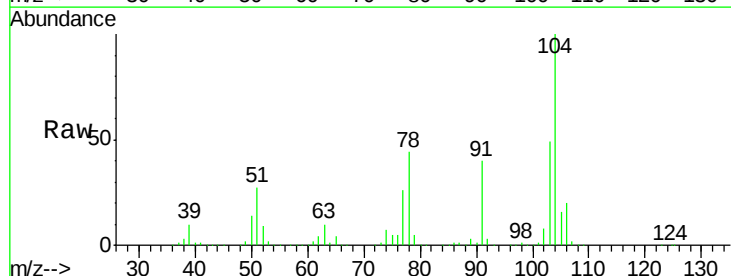
Instrument :
MSVOA_W
ClientSampled :

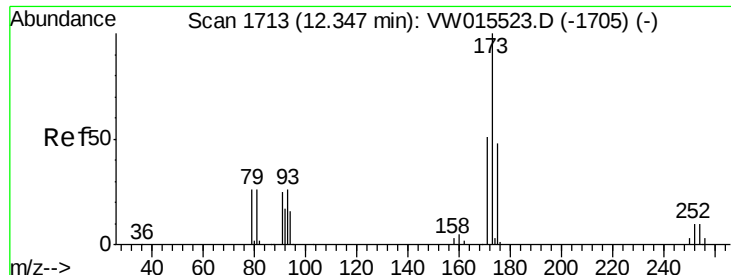
Tot Ion:106 Resp: 667825
Ion Ratio Lower Upper
106 100
91 213.7 107.8 323.4



#70
Styrene
Concen: 148.850 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:104 Resp: 1163192
Ion Ratio Lower Upper
104 100
78 50.8 41.7 62.5
103 54.0 43.8 65.8

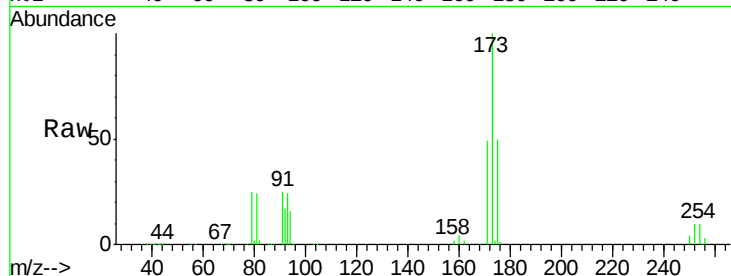




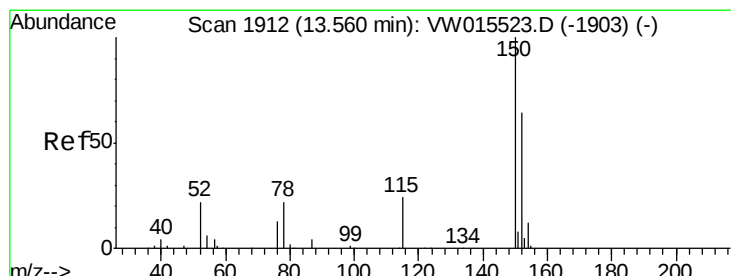
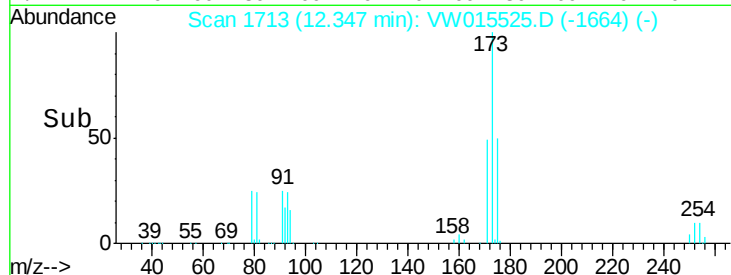
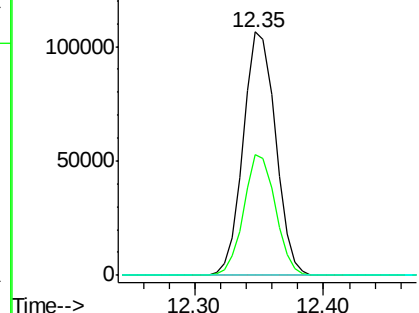
#71
Bromoform
Concen: 155.934 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 184600
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.2 0.0 0.0#

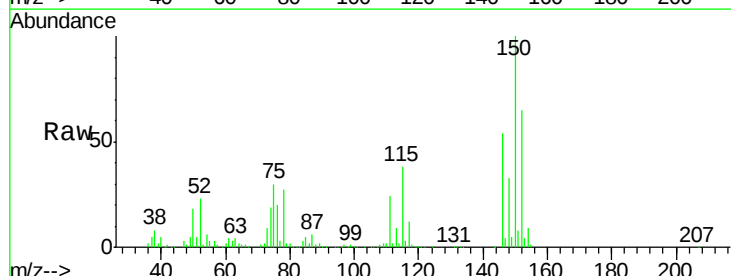


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

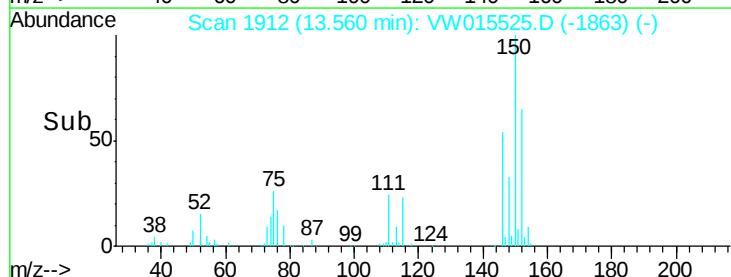
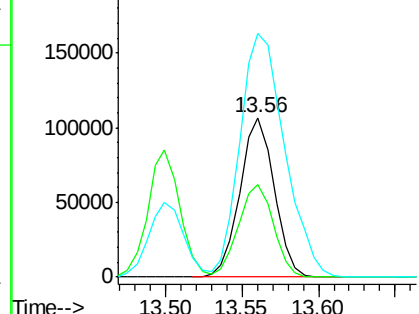


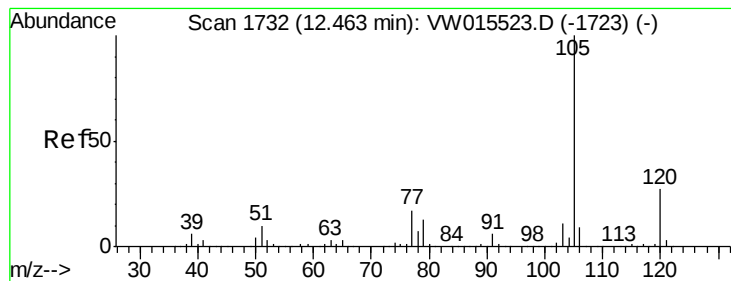
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:152 Resp: 165855
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 199.4 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: 145.871 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

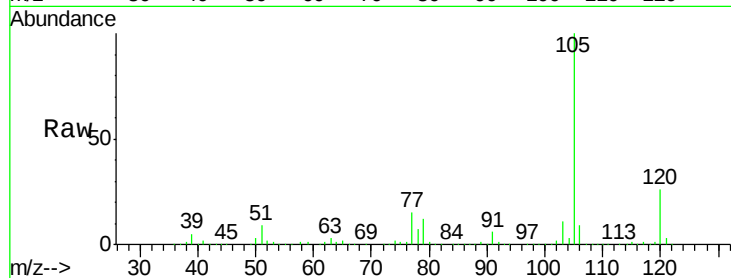
ClientSampleId :

Tot Ion:105 Resp: 1830582

Ion Ratio Lower Upper

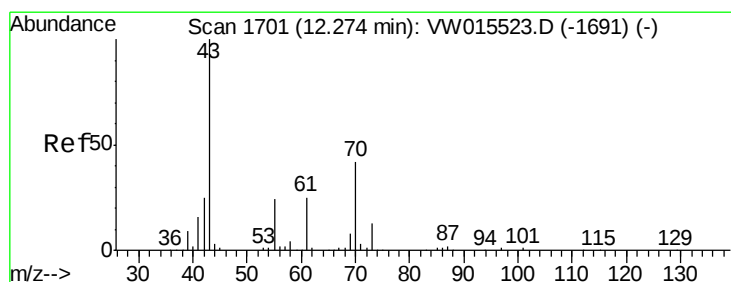
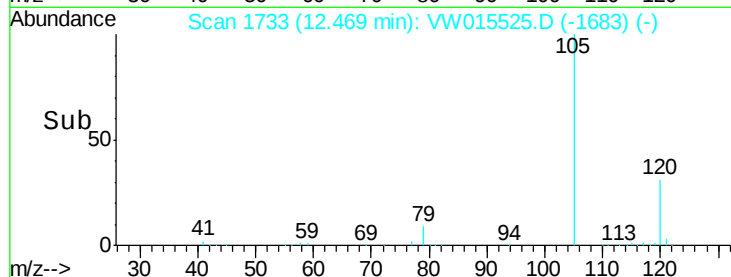
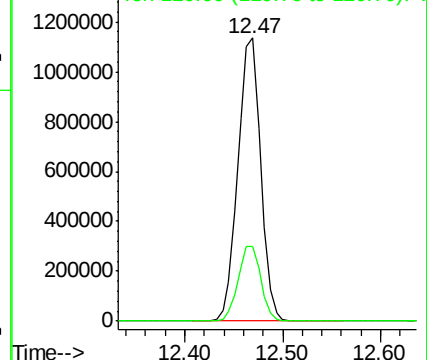
105 100

120 26.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 136.766 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Tgt Ion: 43 Resp: 406633

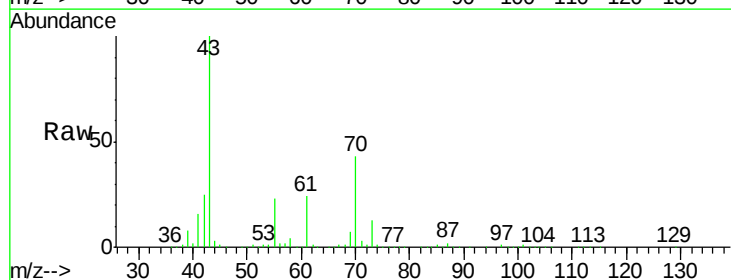
Ion Ratio Lower Upper

43 100

70 42.7 33.6 50.4

55 23.6 19.1 28.7

61 24.3 19.4 29.2

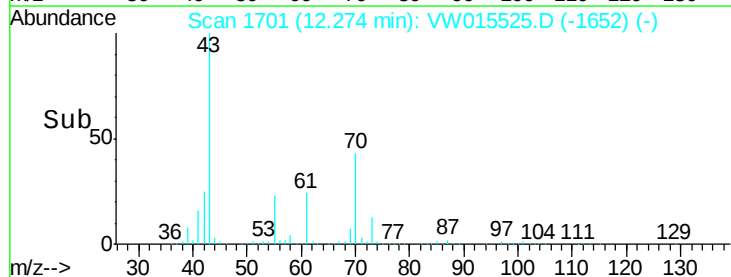
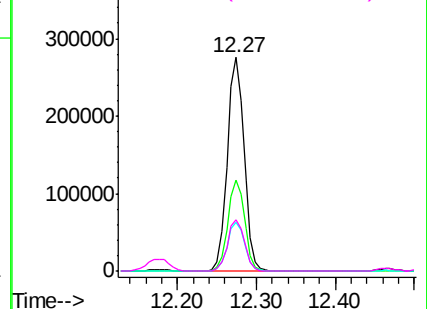


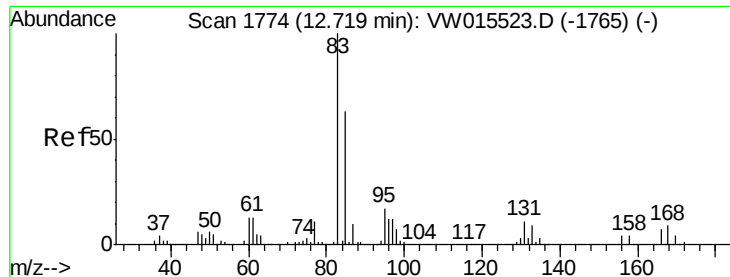
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 143.024 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

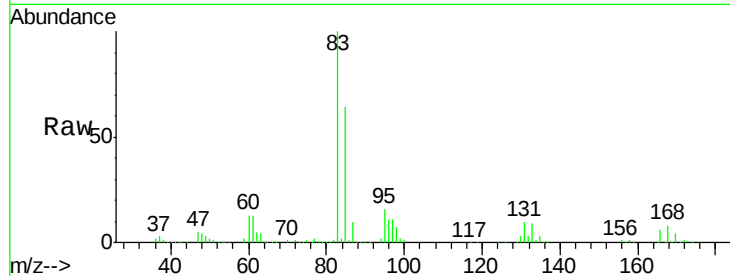
Tot Ion: 83 Resp: 283574

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

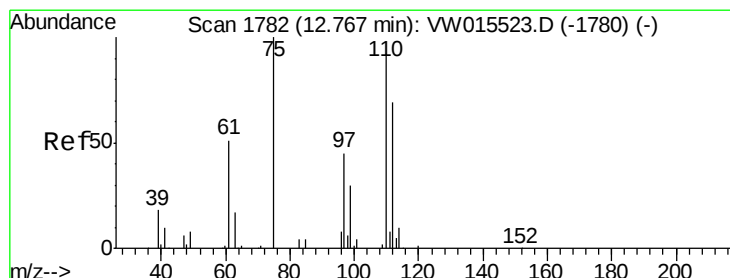
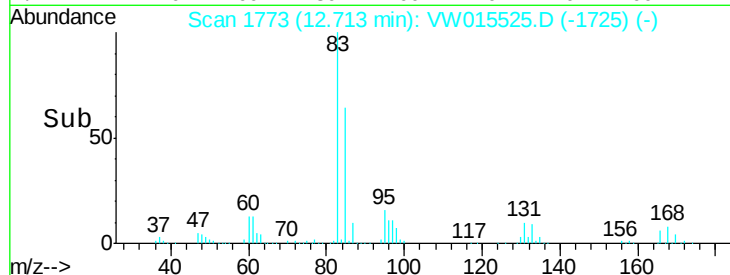
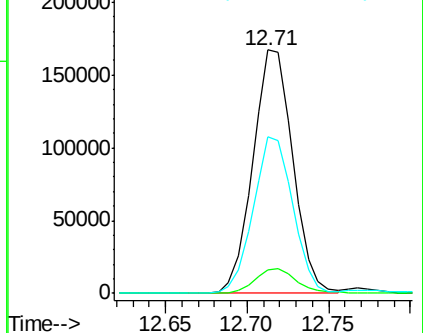
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 283.268 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015525.D

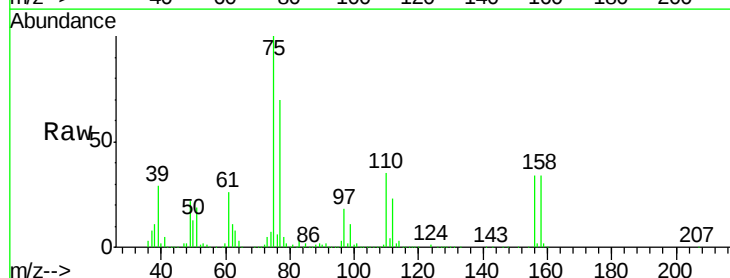
Acq: 02 Jun 2020 13:23

Tgt Ion: 75 Resp: 386825

Ion Ratio Lower Upper

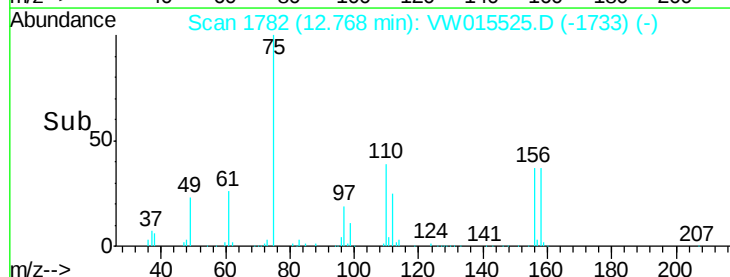
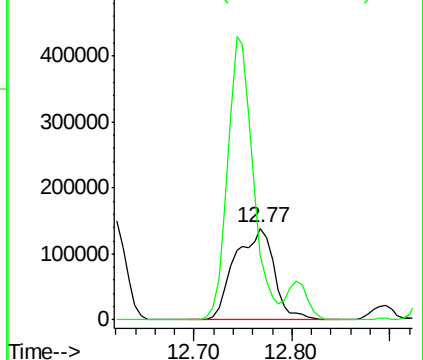
75 100

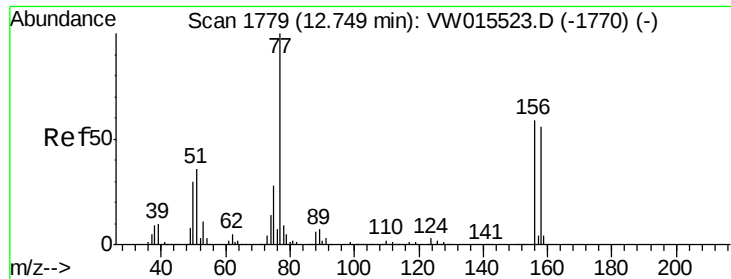
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

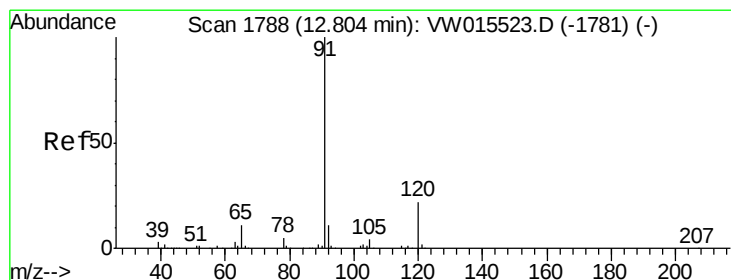
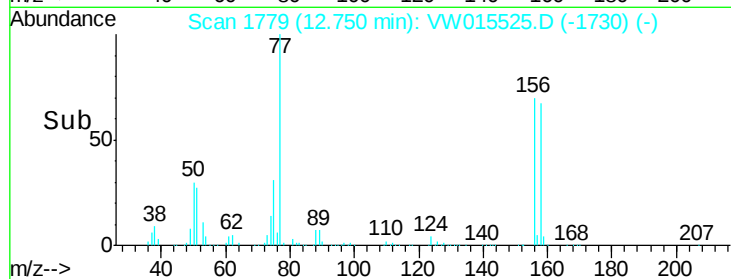
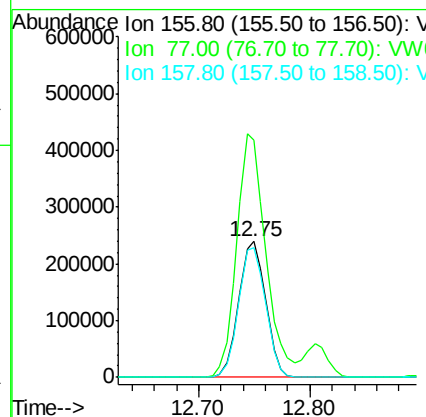
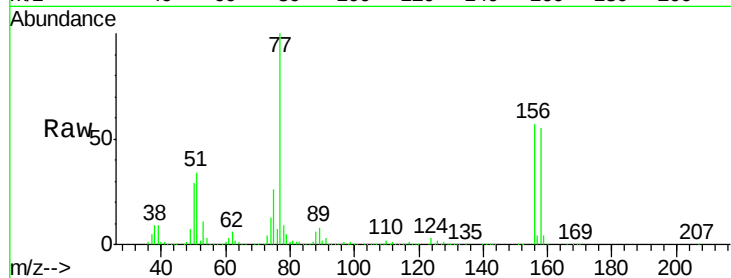




#77
Bromobenzene
Concen: 149.384 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

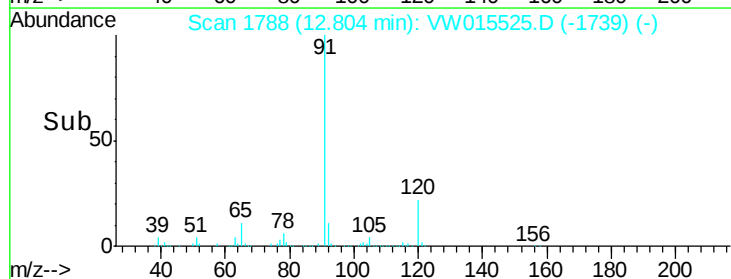
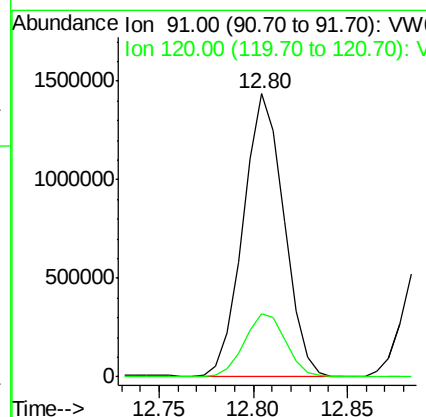
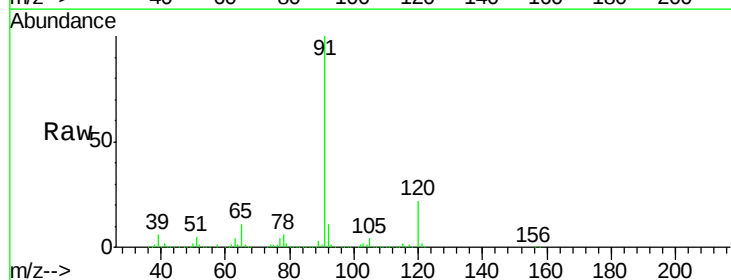
Instrument :
MSVOA_W
ClientSampled :

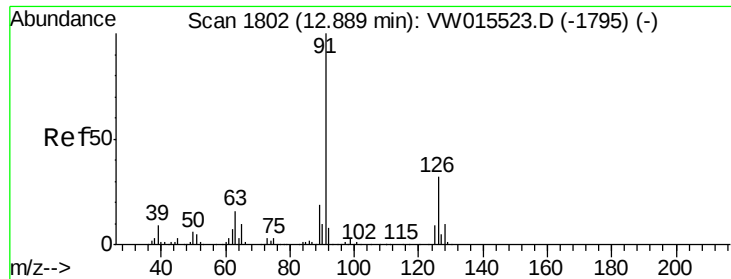
Tot Ion:156 Resp: 400082
Ion Ratio Lower Upper
156 100
77 194.0 97.3 291.8
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 143.647 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion: 91 Resp: 2159840
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

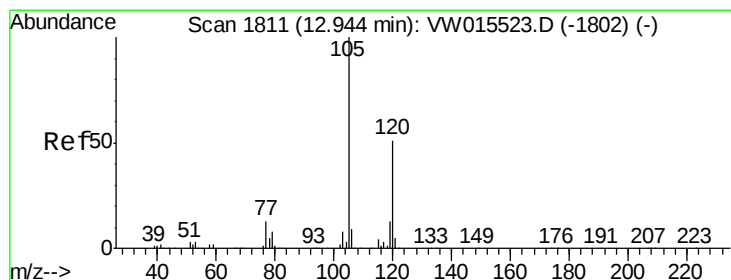
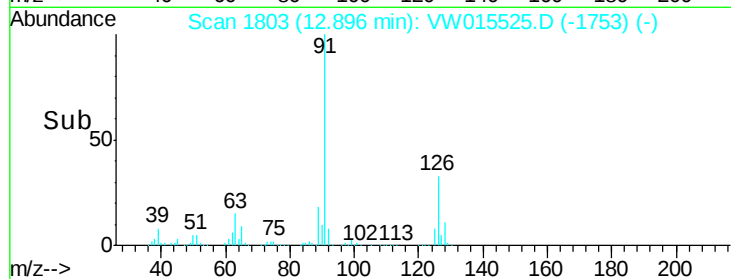
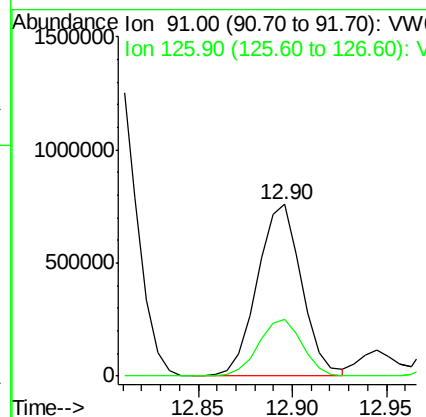
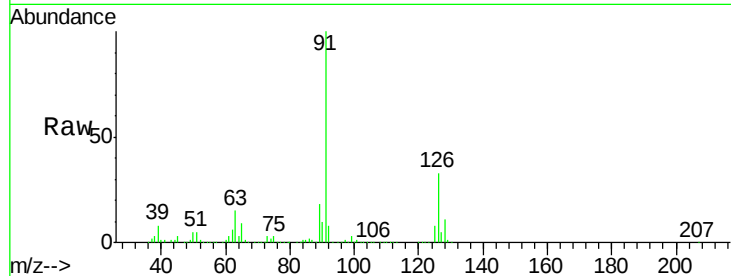




#79
 2-Chlorotoluene
 Concen: 145.274 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

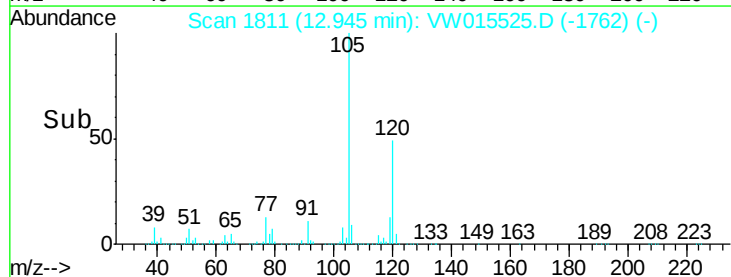
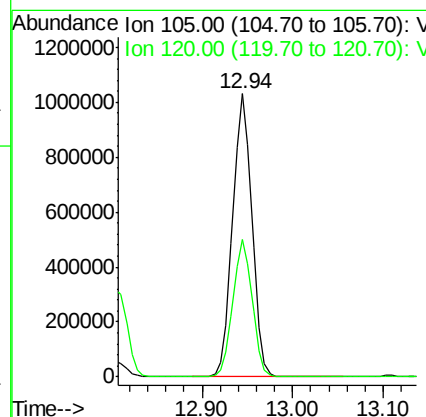
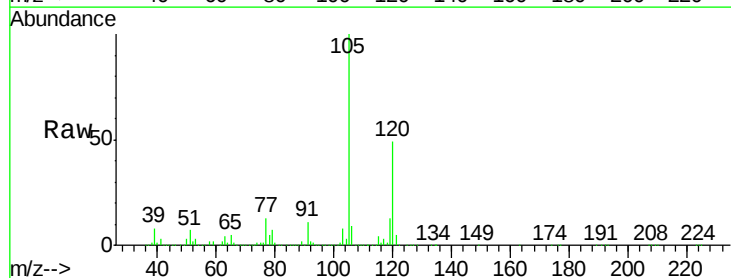
Instrument :
 MSVOA_W
 ClientSampled :

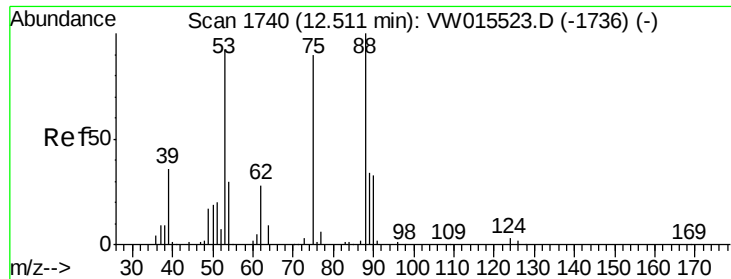
Tot Ion: 91 Resp: 1232636
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 144.400 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion: 105 Resp: 1522419
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 145.938 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

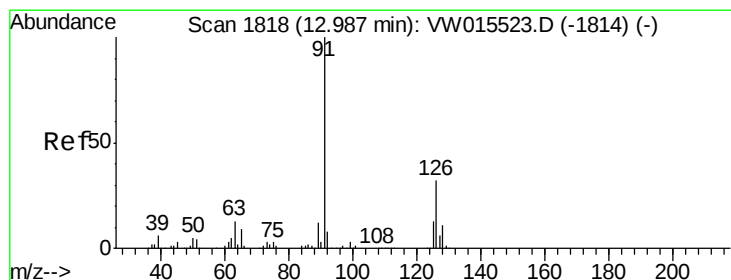
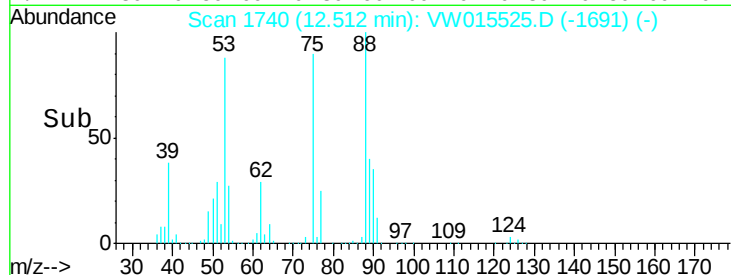
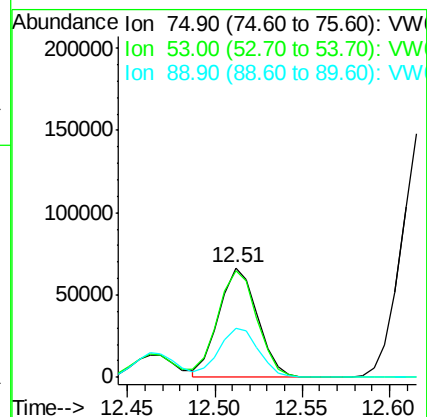
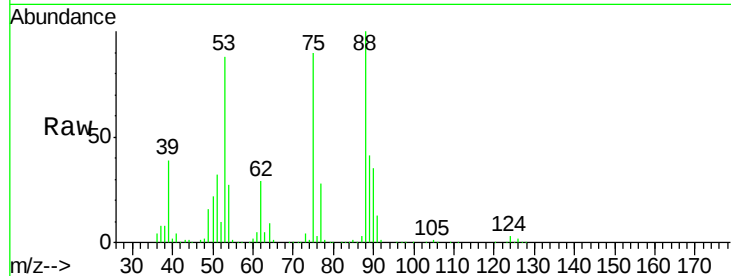
Tot Ion: 75 Resp: 102509

Ion Ratio Lower Upper

75 100

53 100.2 84.0 126.0

89 46.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 141.497 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015525.D

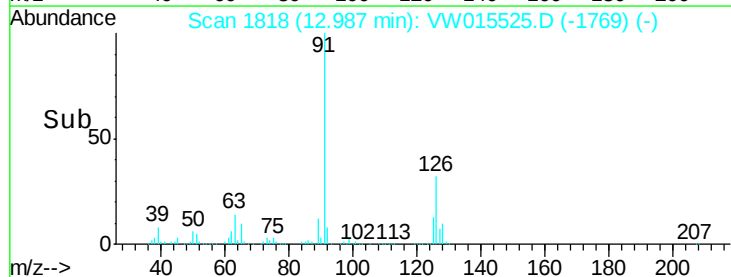
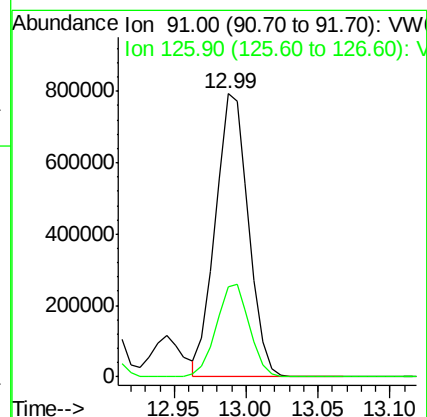
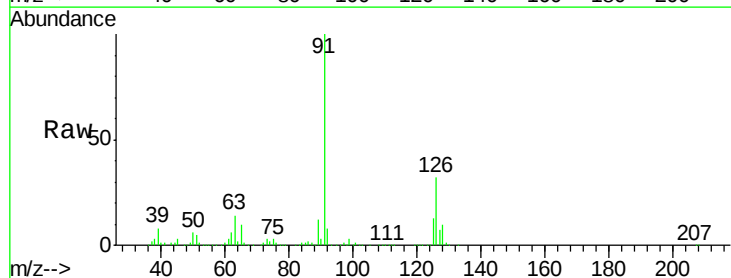
Acq: 02 Jun 2020 13:23

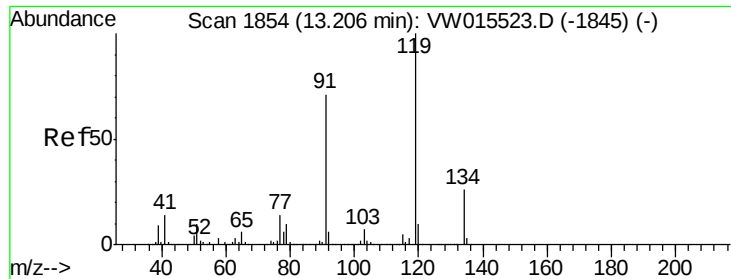
Tgt Ion: 91 Resp: 1267971

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4

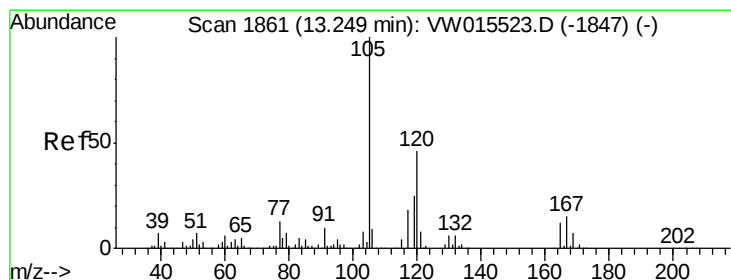
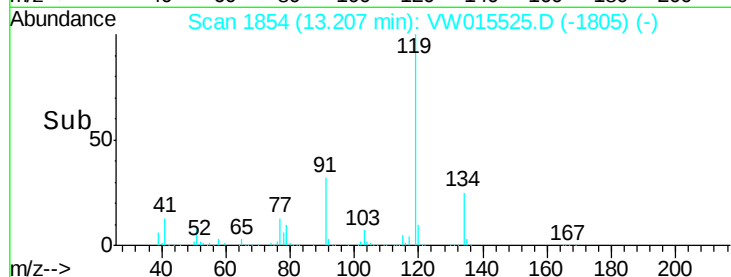
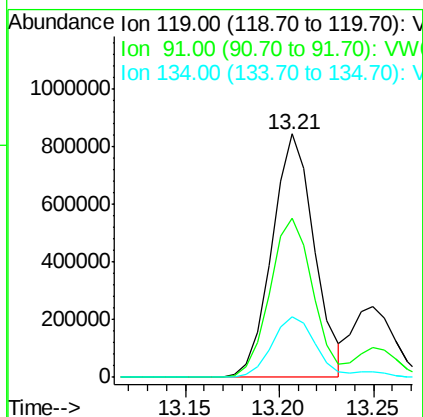
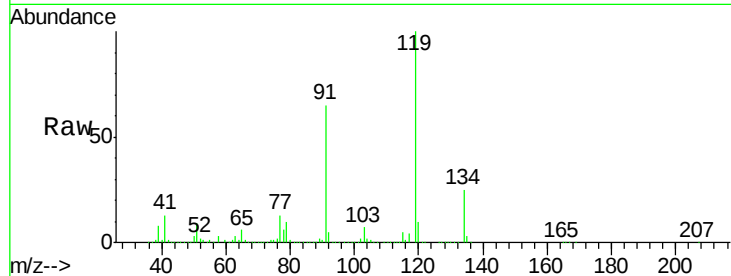




#83
tert-Butylbenzene
Concen: 146.009 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

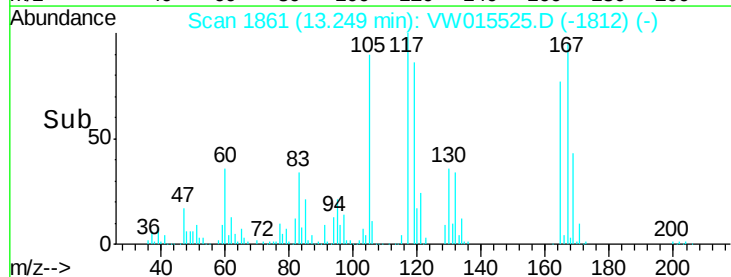
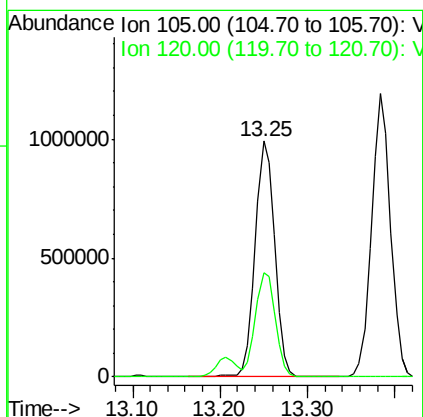
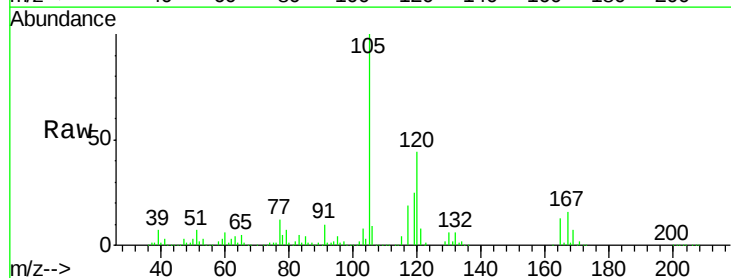
Instrument :
MSVOA_W
ClientSampleId :

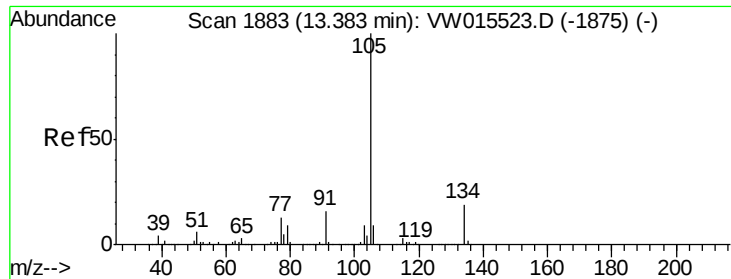
Tot Ion:119 Resp: 1313459
Ion Ratio Lower Upper
119 100
91 67.5 34.2 102.5
134 25.5 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 145.268 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:105 Resp: 1533162
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8

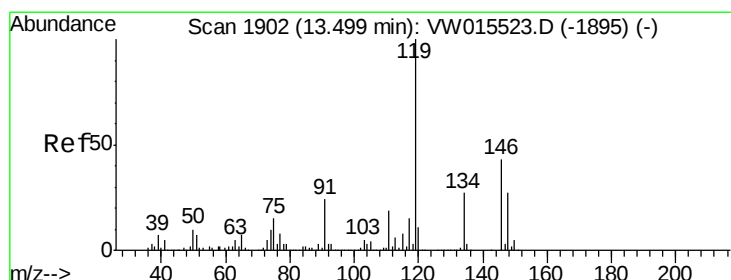
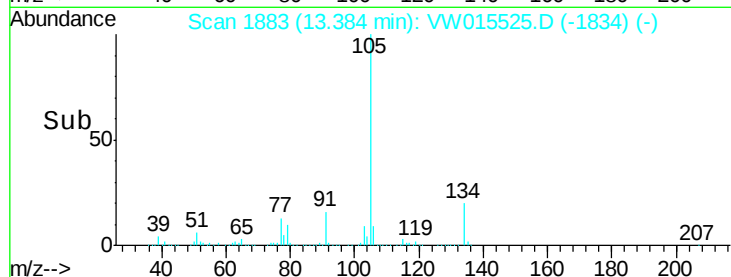
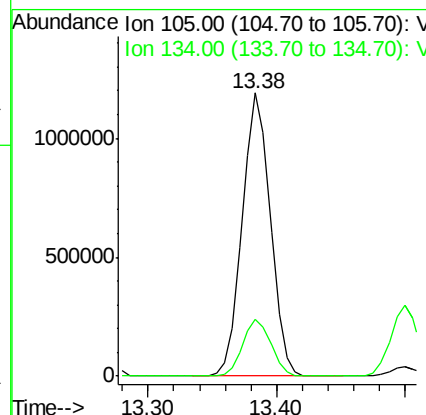
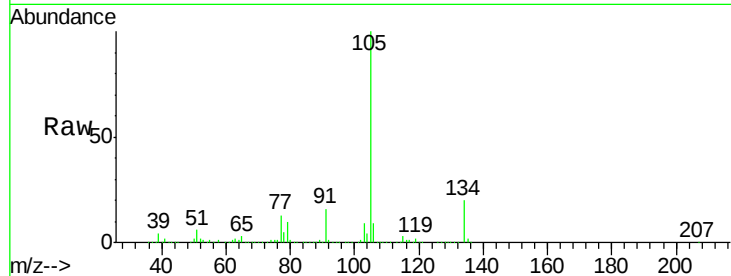




#85
 sec-Butylbenzene
 Concen: 141.786 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

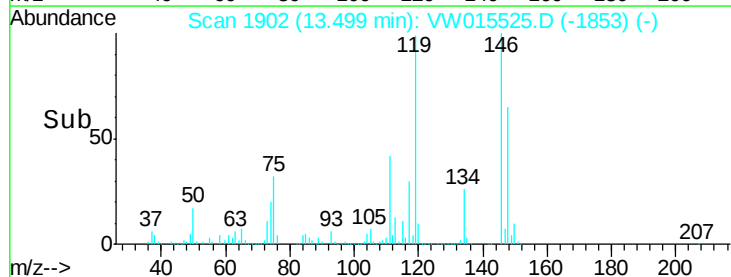
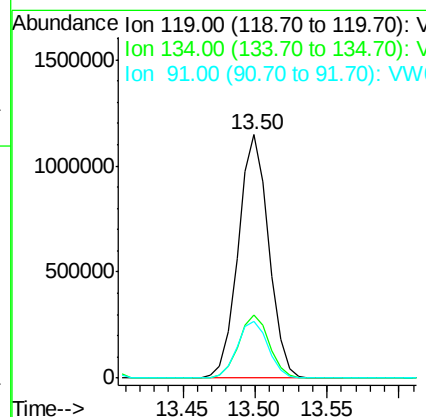
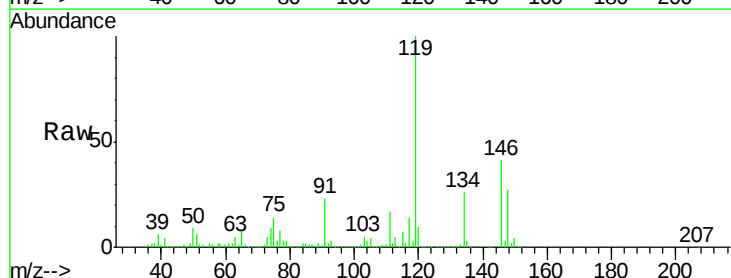
Instrument :
 MSVOA_W
 ClientSampleId :

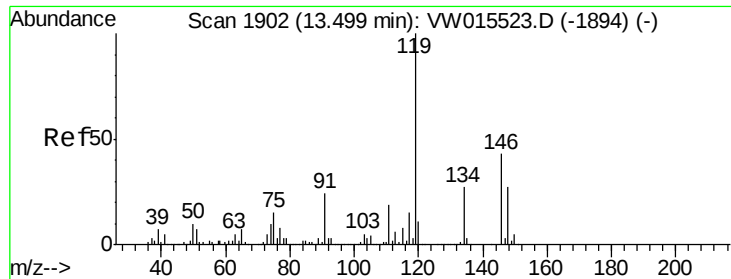
Tot Ion:105 Resp: 1797040
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 145.951 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion:119 Resp: 1686996
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.8 12.0 36.0

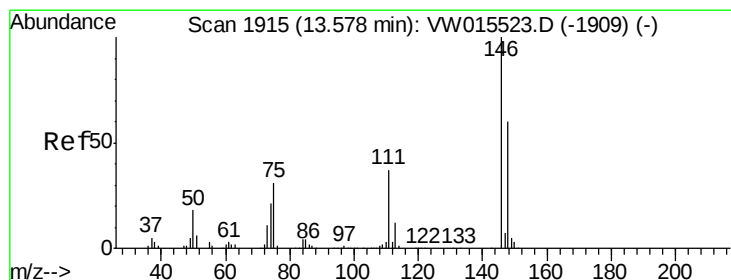
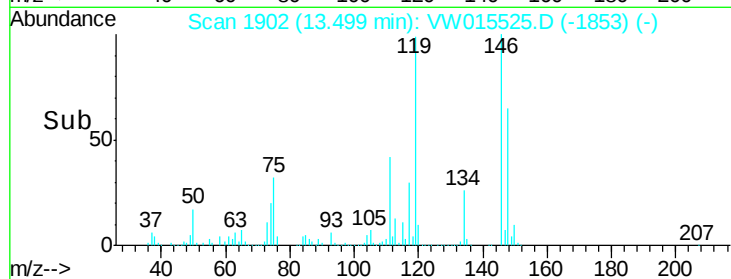
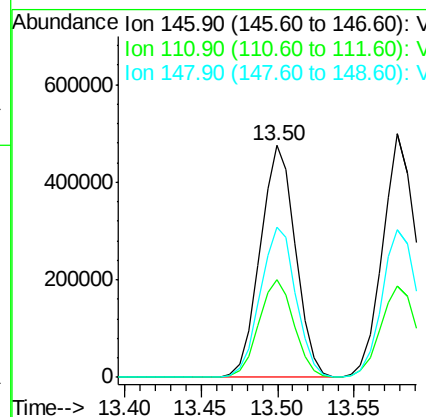
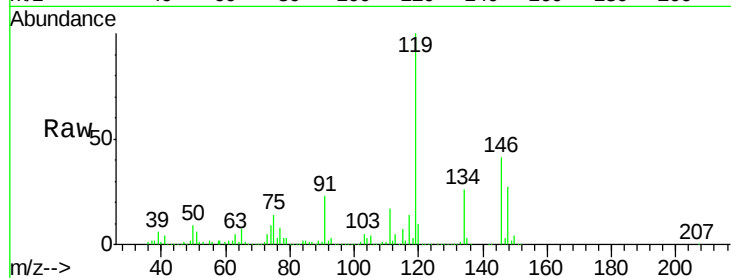




#87
 1,3-Dichlorobenzene
 Concen: 144.282 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

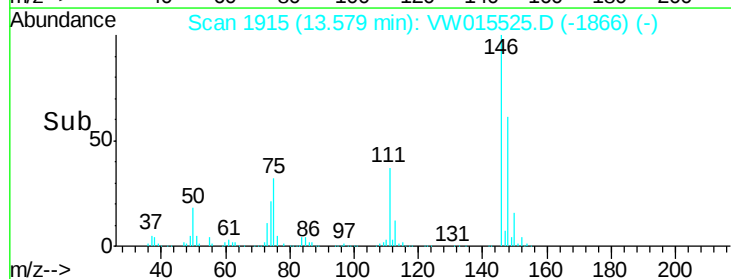
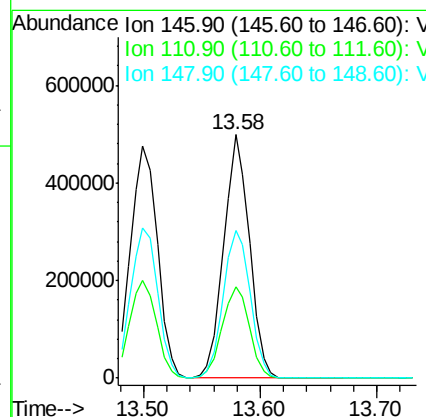
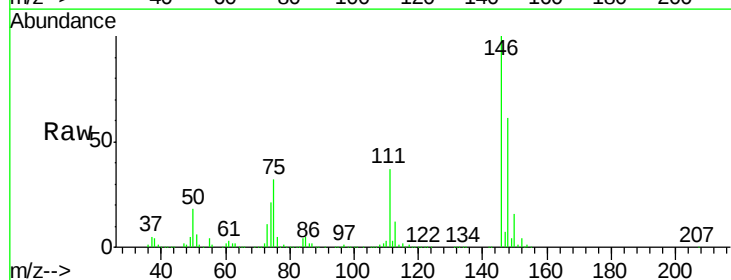
Instrument :
 MSVOA_W
 ClientSampleId :

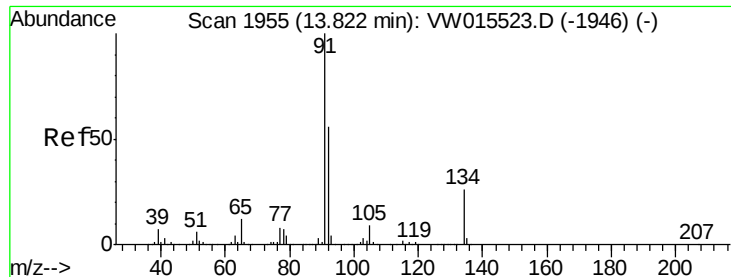
Tot Ion:146 Resp: 764026
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 65.5 31.2 93.6



#88
 1,4-Dichlorobenzene
 Concen: 143.922 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion:146 Resp: 757862
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 63.8 30.9 92.7





#89

n-Butylbenzene

Concen: 142.042 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

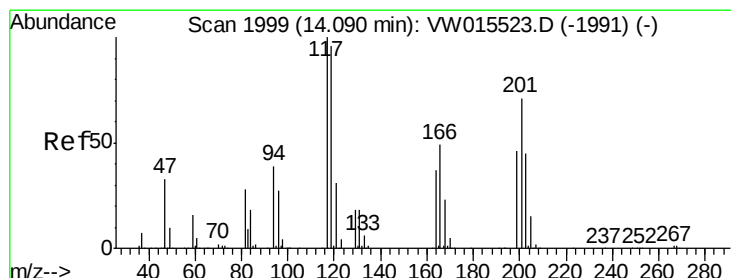
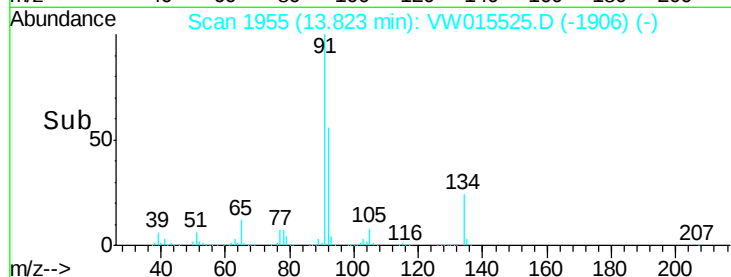
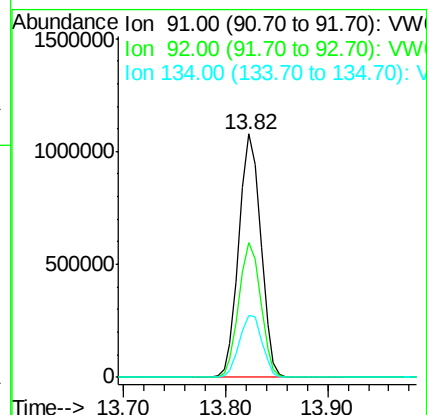
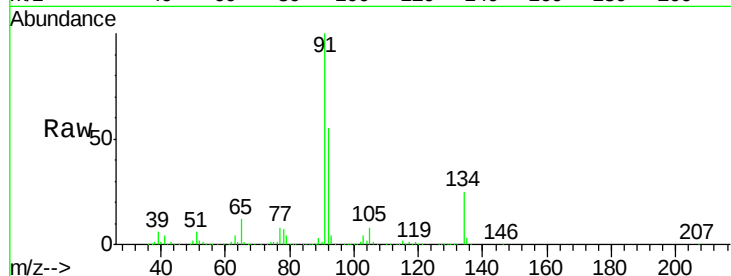
Tot Ion: 91 Resp: 1598887

Ion Ratio Lower Upper

91 100

92 55.2 27.3 81.9

134 26.2 13.1 39.1



#90

Hexachloroethane

Concen: 147.474 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015525.D

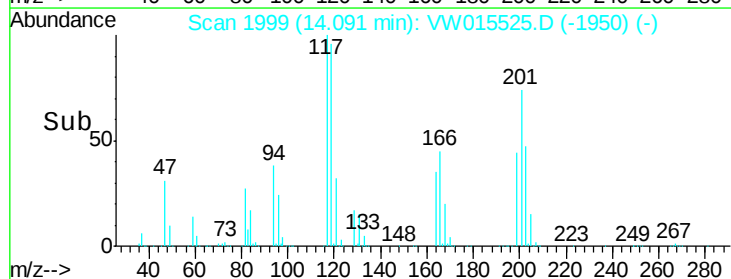
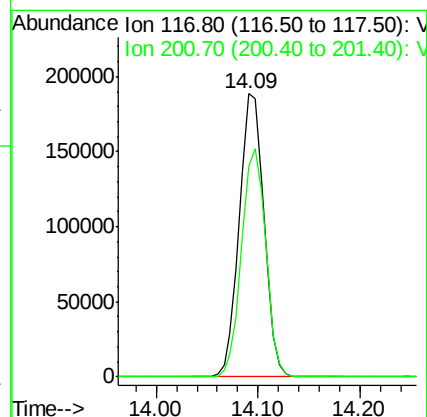
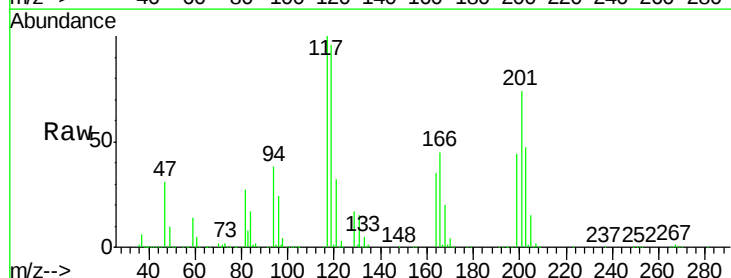
Acq: 02 Jun 2020 13:23

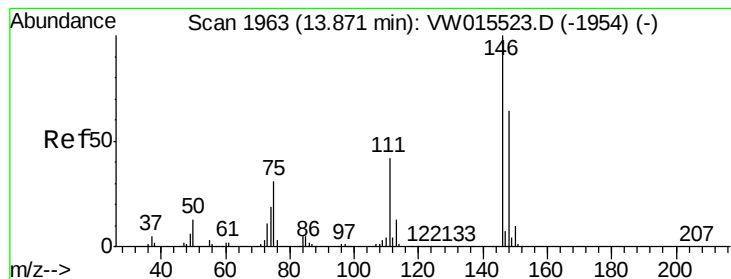
Tgt Ion: 117 Resp: 314740

Ion Ratio Lower Upper

117 100

201 79.0 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 146.392 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

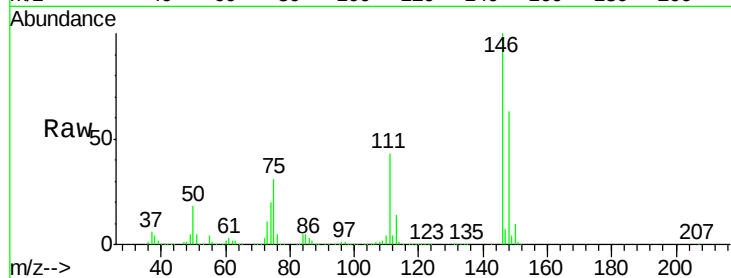
Tot Ion:146 Resp: 677598

Ion Ratio Lower Upper

146 100

111 42.1 20.9 62.8

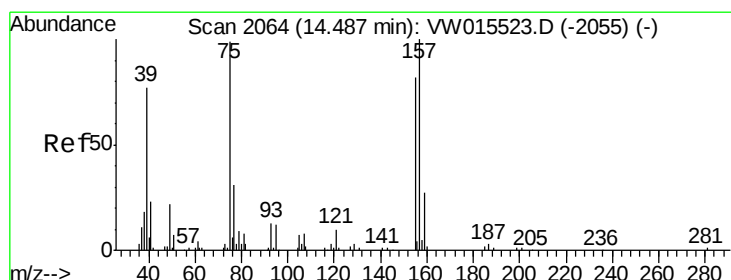
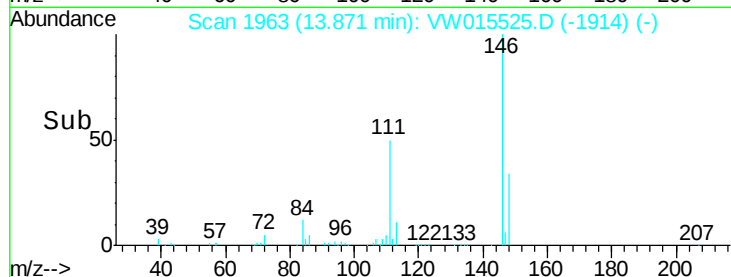
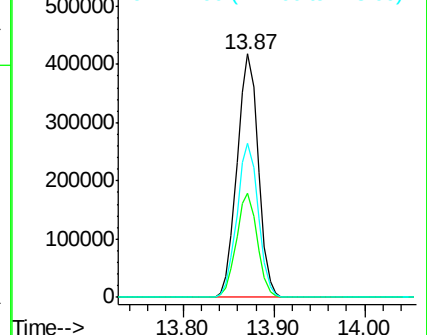
148 63.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 139.022 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015525.D

Acq: 02 Jun 2020 13:23

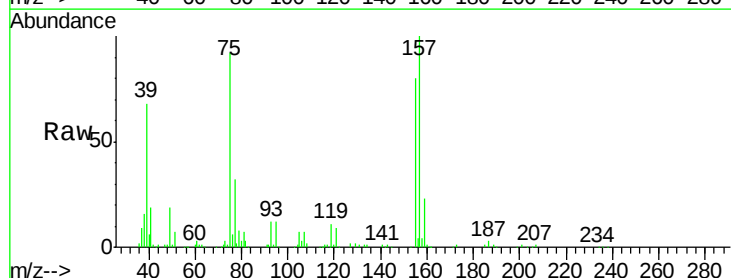
Tgt Ion: 75 Resp: 48159

Ion Ratio Lower Upper

75 100

155 81.8 40.4 121.1

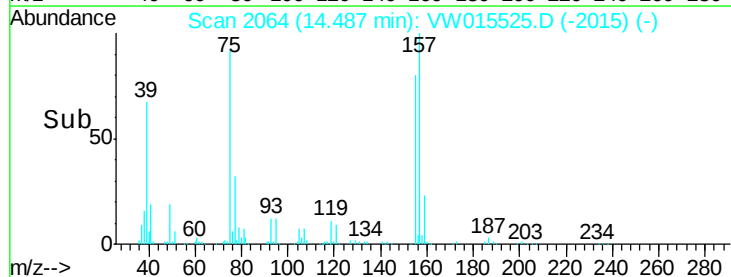
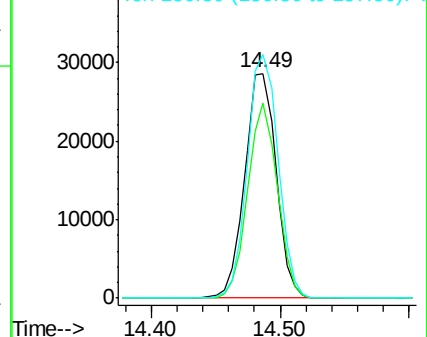
157 106.5 50.5 151.6

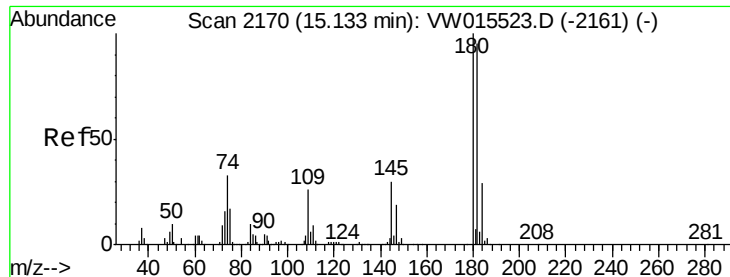


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

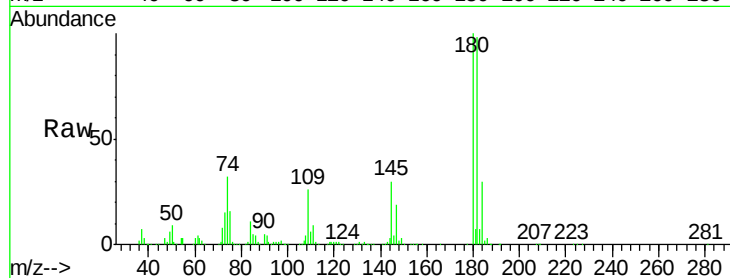




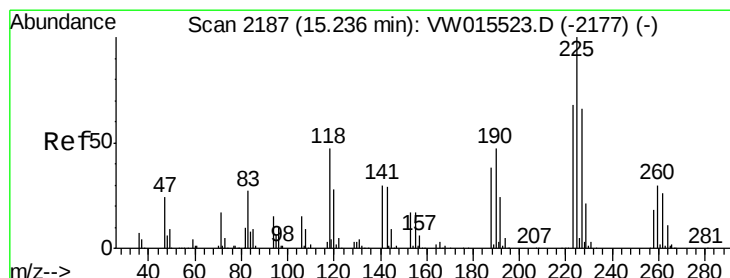
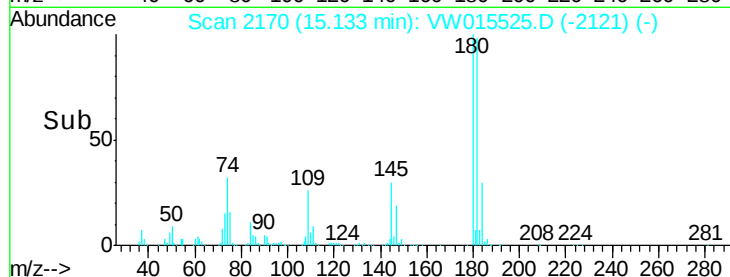
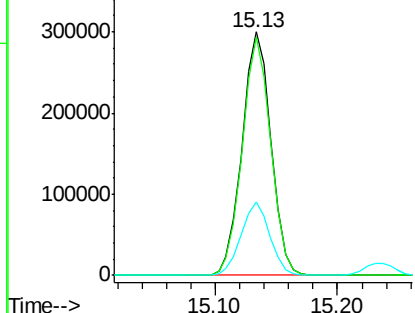
#93
 1,2,4-Trichlorobenzene
 Concen: 157.576 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	29.9	15.4	46.2

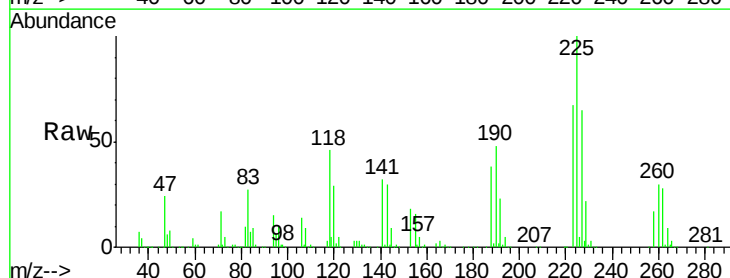


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

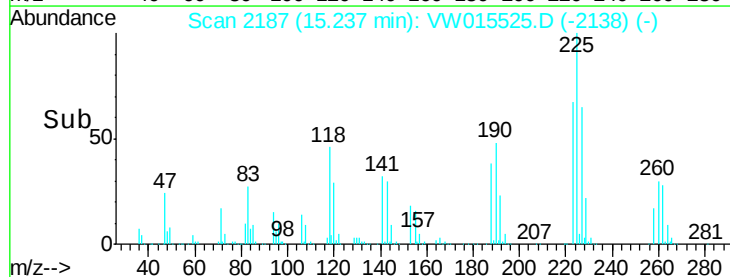
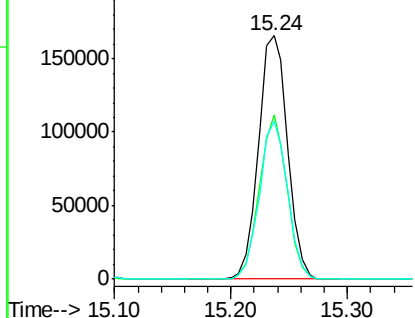


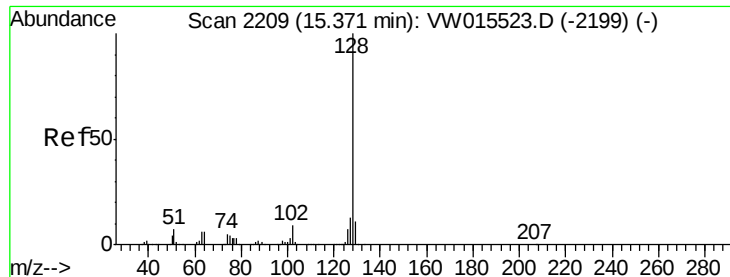
#94
 Hexachlorobutadiene
 Concen: 156.357 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015525.D
 Acq: 02 Jun 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.8	95.4
227	63.1	32.6	97.8



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

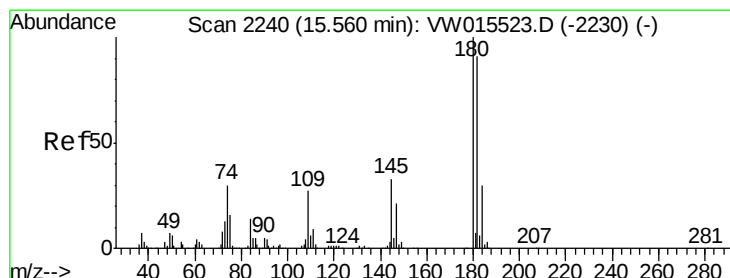
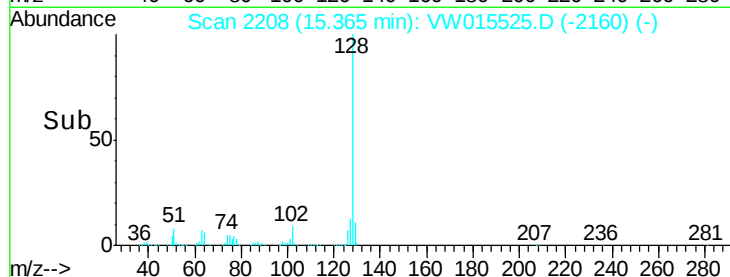
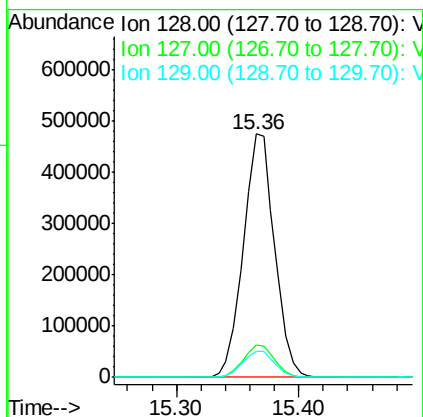
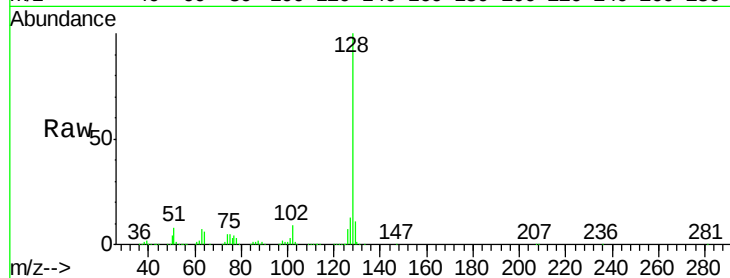




#95
Naphthalene
Concen: 150.552 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 839761
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 152.643 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015525.D
Acq: 02 Jun 2020 13:23

Tgt Ion:180 Resp: 408573
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 32.8 16.3 48.8

