

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023122.D
 Acq On : 18 May 2022 11:21
 Operator : SY/VA
 Sample : N2883-05MSRE
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 01:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 01:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	68107	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	52304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33014	23.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.885	69	32116	35.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.320%
11) 1,1-Dichloroethene-d2	4.019	63	42024	23.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.092	46	12401	46.677	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.360%
24) Chloroform-d	7.653	84	49194	24.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	8.311	65	28361	25.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.274	84	95649	31.727	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.920%
36) 1,2-Dichloropropane-d6	9.274	67	28730	33.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.720%#
41) Toluene-d8	10.323	98	83195	28.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.280%
43) trans-1,3-Dichloroprop...	10.579	79	10216	26.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.800%
47) 2-Hexanone-d5	10.926	63	6361	39.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.700%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	20792	26.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	17746	30.996	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2097	5.648	ug/L	95
3) Chloromethane	2.221	50	14415	20.092	ug/L	100
5) Vinyl chloride	2.367	62	26563	18.448	ug/L	97
6) Bromomethane	2.782	94	17083	18.479	ug/L	98
8) Chloroethane	2.922	64	20824	29.986	ug/L	97
9) Trichlorofluoromethane	3.263	101	32248	49.002	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19016	19.325	ug/L	92
12) 1,1-Dichloroethene	4.037	96	16331	18.722	ug/L #	77
13) Acetone	4.129	43	14482	72.808	ug/L	91
14) Carbon disulfide	4.391	76	38795	16.222	ug/L	99
15) Methyl Acetate	4.684	43	7456	18.658	ug/L #	74
16) Methylene chloride	4.921	84	20880	20.952	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	18393	18.737	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	46925	31.314	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	34662	20.834	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	21774	20.651	ug/L #	89
22) 2-Butanone	7.183	43	11361	40.842	ug/L	91
23) Bromochloromethane	7.519	128	9887	20.023	ug/L	97
25) Chloroform	7.683	83	42374	23.034	ug/L	97

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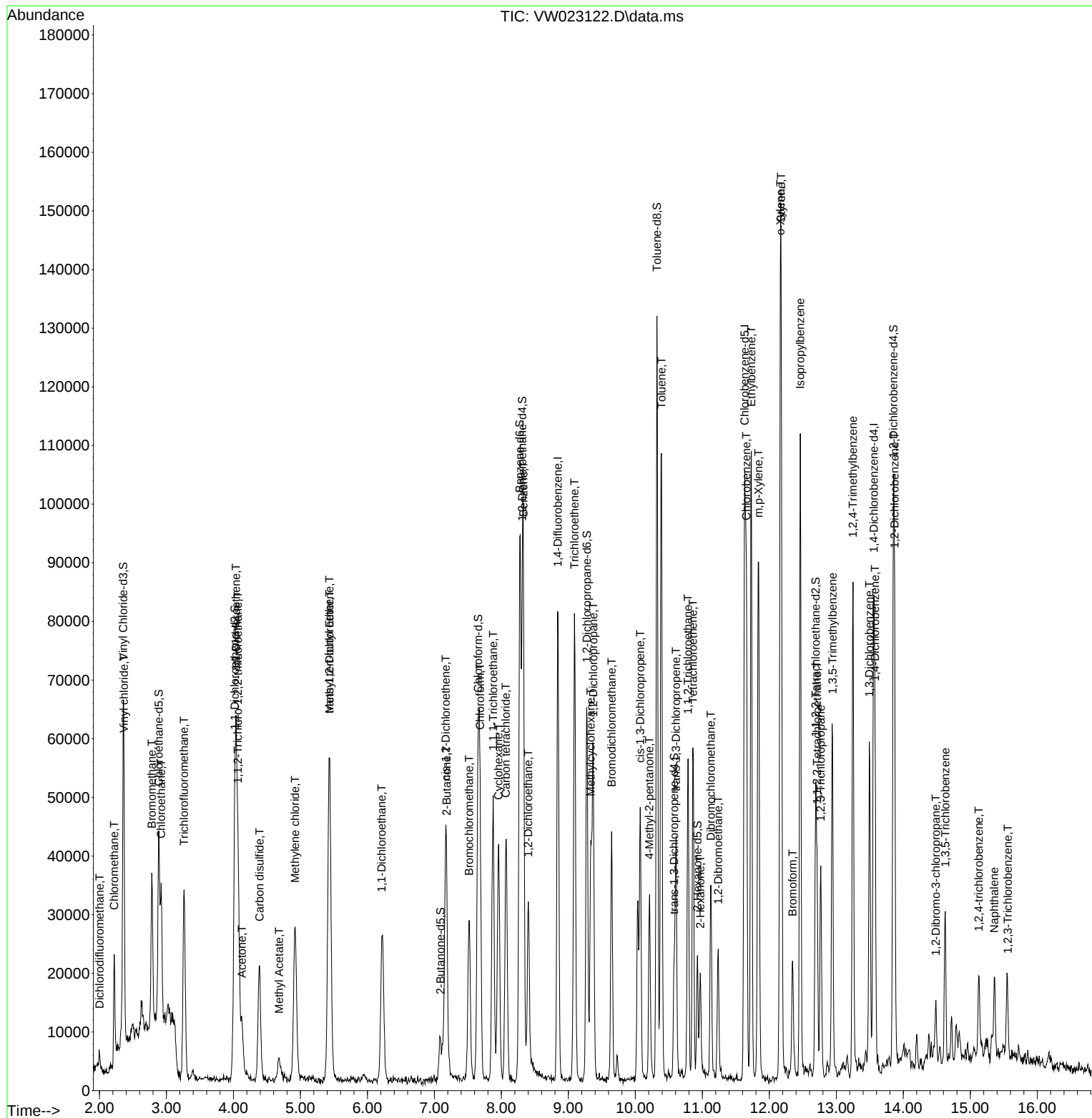
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	25290	20.623	ug/L	95
29) Cyclohexane	7.957	56	19131	16.913	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	35523	28.739	ug/L	99
31) Carbon tetrachloride	8.067	117	30084	26.019	ug/L	98
33) Benzene	8.329	78	80256	26.047	ug/L	100
34) Trichloroethene	9.091	95	24380	28.771	ug/L	92
35) Methylcyclohexane	9.335	83	15344	11.022	ug/L	95
37) 1,2-Dichloropropane	9.372	63	19632	26.329	ug/L #	95
38) Bromodichloromethane	9.646	83	25587	24.159	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	26236	22.692	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	19229	40.914	ug/L	96
42) Toluene	10.390	91	80704	23.371	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	21025	20.374	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	17110	27.449	ug/L	97
46) Tetrachloroethene	10.859	164	11373	17.859	ug/L	88
48) 2-Hexanone	10.969	43	11131	35.447	ug/L #	96
49) Dibromochloromethane	11.128	129	16246	21.655	ug/L	99
50) 1,2-Dibromoethane	11.237	107	13586	21.706	ug/L	98
51) Chlorobenzene	11.658	112	45004	19.769	ug/L	95
52) Ethylbenzene	11.731	91	75430	19.635	ug/L	98
53) m,p-Xylene	11.841	106	28743	18.988	ug/L	98
54) o-Xylene	12.164	106	29186	20.092	ug/L	95
55) Styrene	12.176	104	43117	17.468	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	13704	17.602	ug/L	96
59) Bromoform	12.347	173	7156	30.831	ug/L	98
60) Isopropylbenzene	12.463	105	66696	29.726	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	13208	40.361	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	29675	23.773	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	44521	23.753	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	20969	20.932	ug/L	88
65) 1,4-Dichlorobenzene	13.578	146	19644	18.985	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	22153	24.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	2100	29.362	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	6733	10.126	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	4246	7.938	ug/L #	89
71) Naphthalene	15.359	128	11521	9.910	ug/L	97
72) 1,2,3-Trichlorobenzene	15.560	180	3389	7.149	ug/L	90

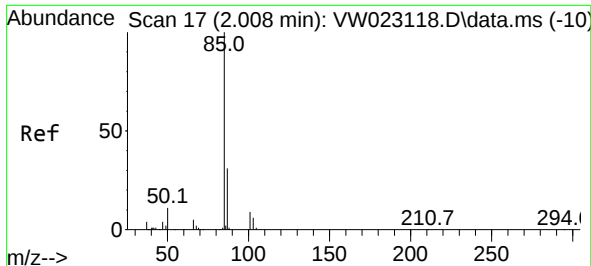
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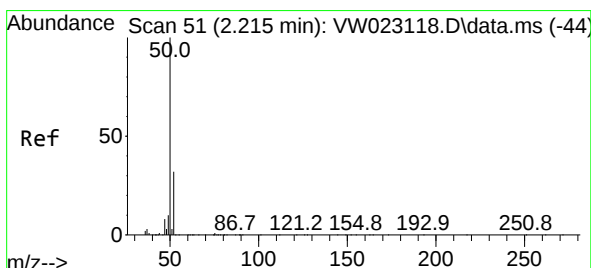
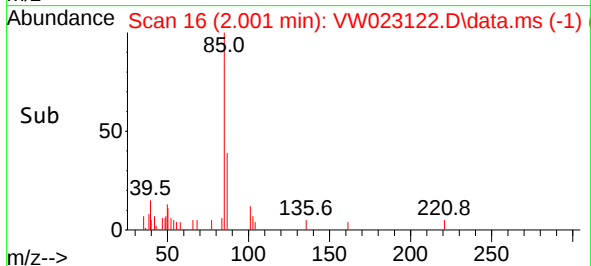
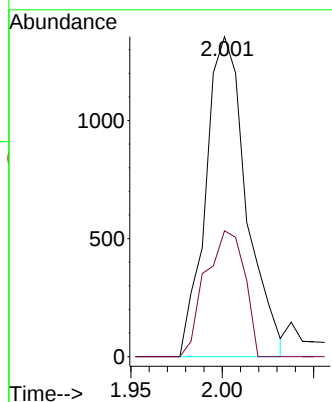
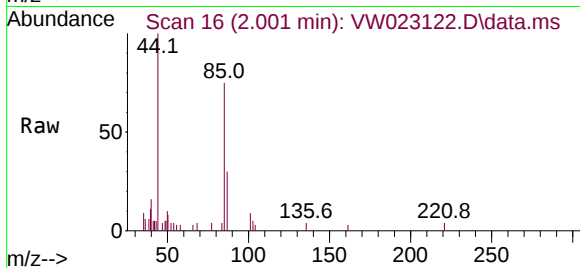




#2
Dichlorodifluoromethane
Concen: 5.648 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

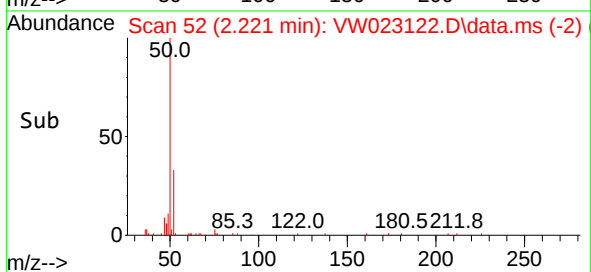
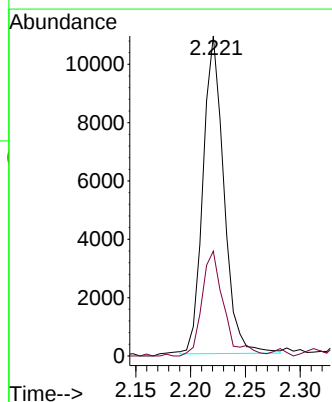
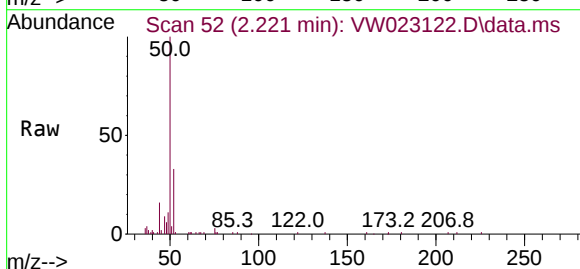
Instrument :
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ClientSampleId :

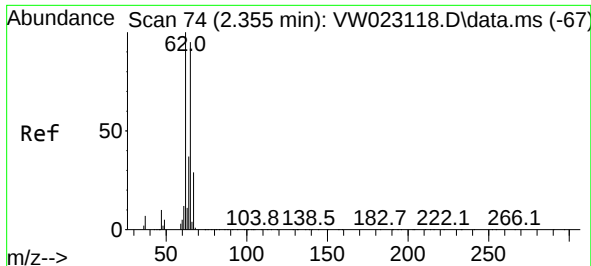
Tgt Ion: 85 Resp: 2097
Ion Ratio Lower Upper
85 100
87 37.7 27.8 41.8



#3
Chloromethane
Concen: 20.092 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 50 Resp: 14415
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9

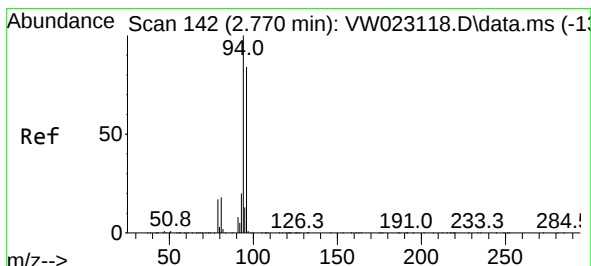
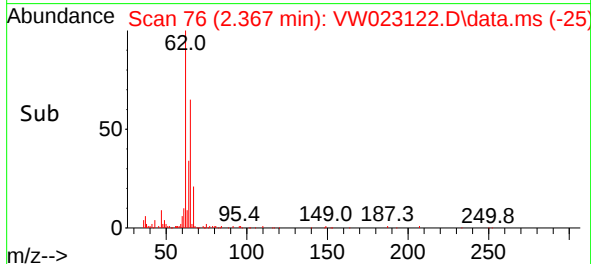
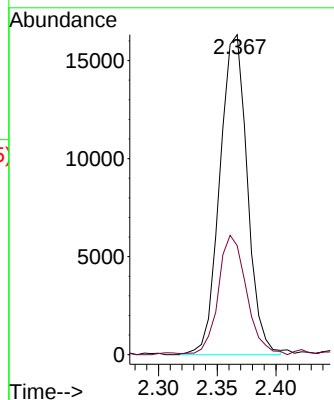
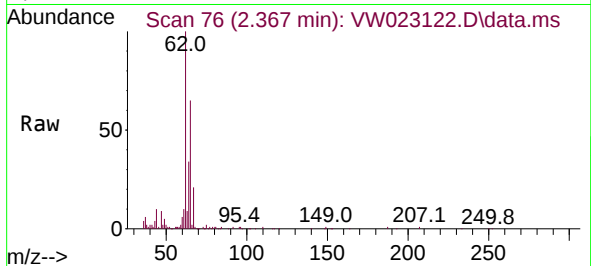




#5
 Vinyl chloride
 Concen: 18.448 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

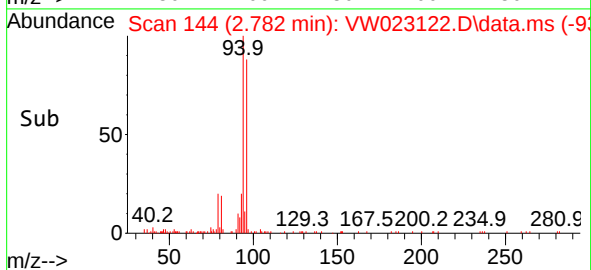
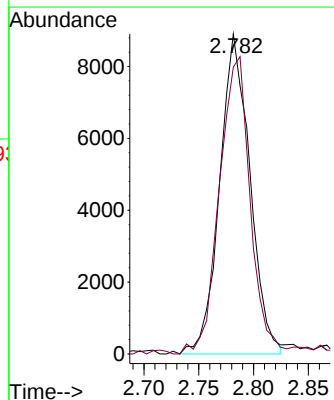
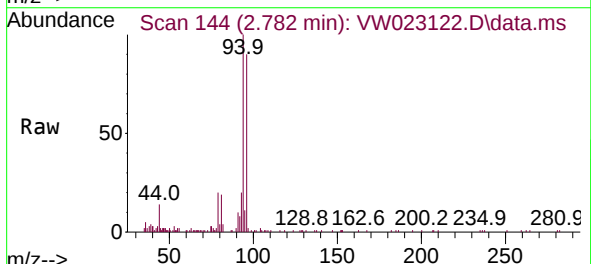
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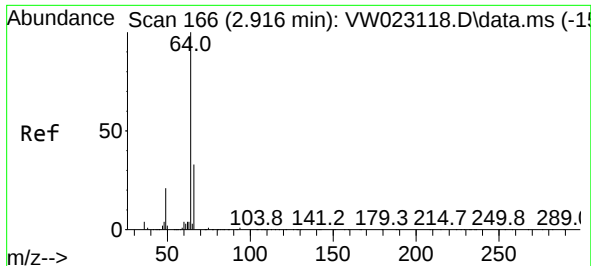
Tgt Ion: 62 Resp: 26563
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.9 46.3



#6
 Bromomethane
 Concen: 18.479 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.012 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

Tgt Ion: 94 Resp: 17083
 Ion Ratio Lower Upper
 94 100
 96 89.7 61.7 114.5

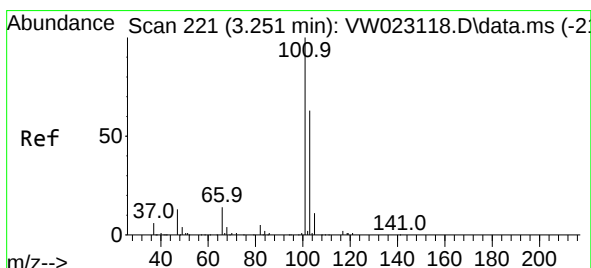
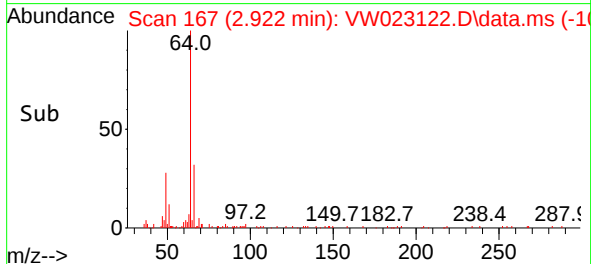
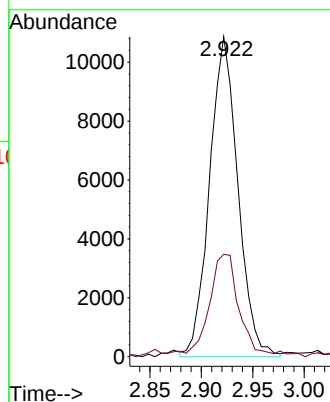
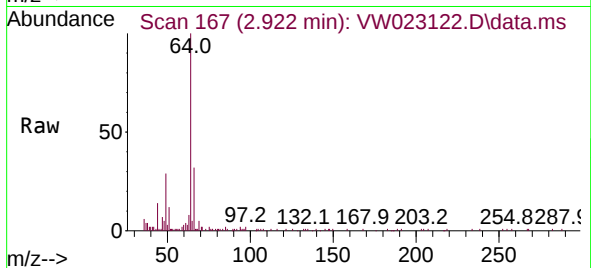




#8
Chloroethane
Concen: 29.986 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

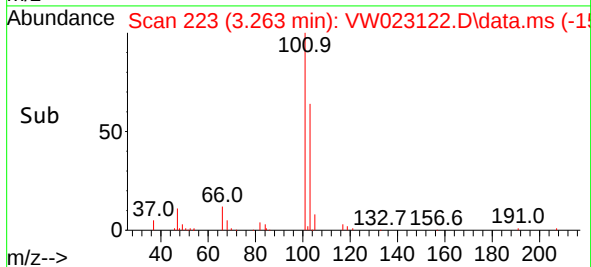
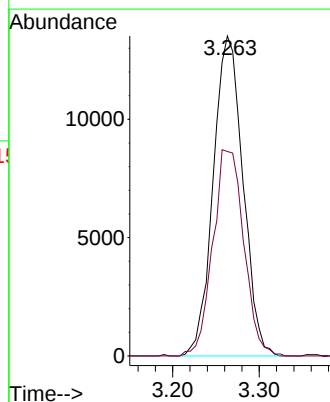
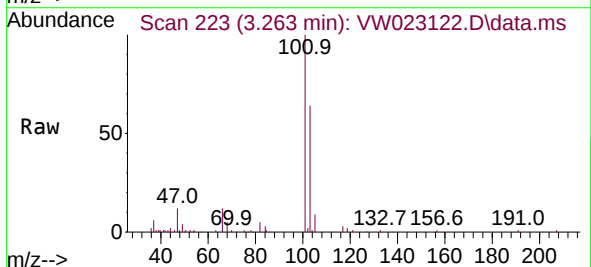
Instrument :
MSVOA_W
ClientSampleId :

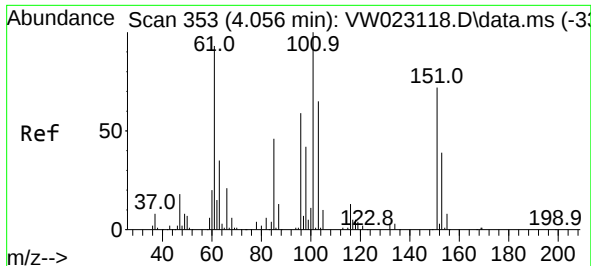
Tgt Ion: 64 Resp: 20824
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 49.002 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 101 Resp: 32248
Ion Ratio Lower Upper
101 100
103 67.2 53.9 80.9

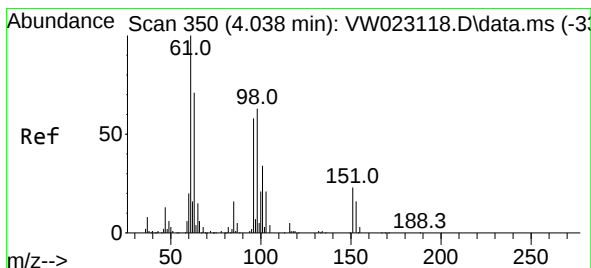
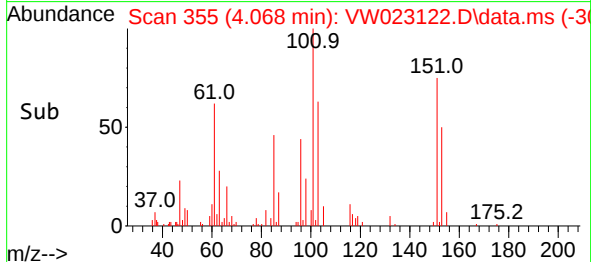
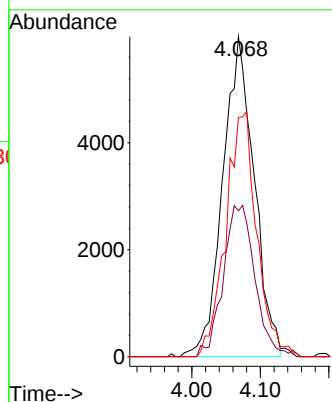
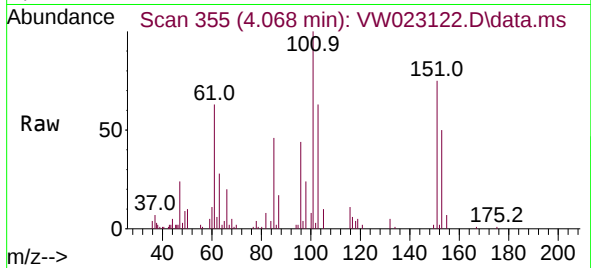




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.325 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.012 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

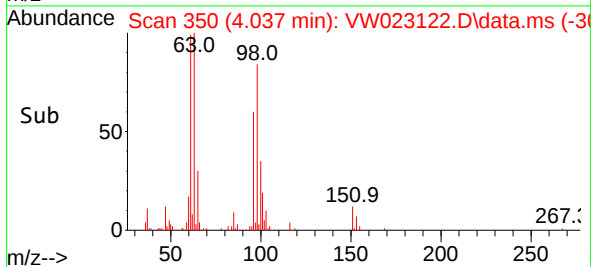
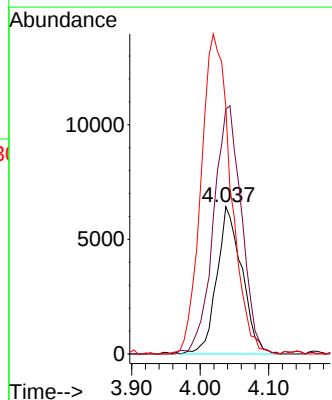
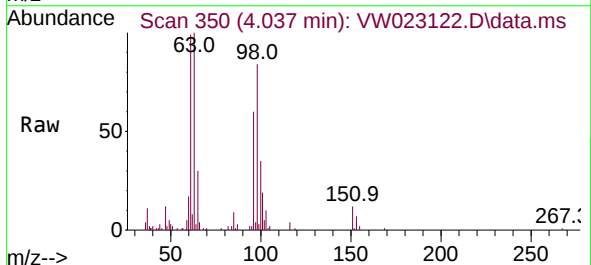
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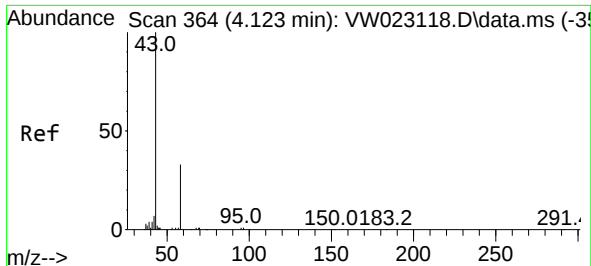
Tgt Ion:101 Resp: 19016
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.3 51.5
 151 74.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 18.722 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023122.D
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Tgt Ion: 96 Resp: 16331
 Ion Ratio Lower Upper
 96 100
 61 166.0 125.7 233.5
 63 168.0 83.4 155.0#

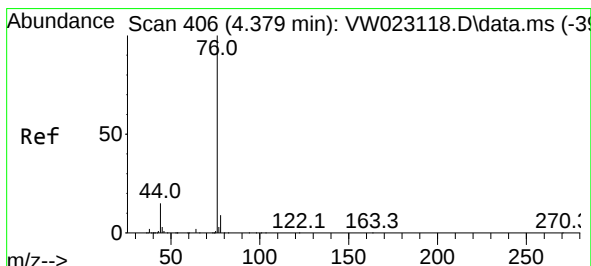
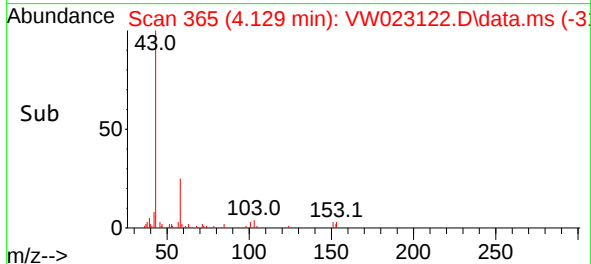
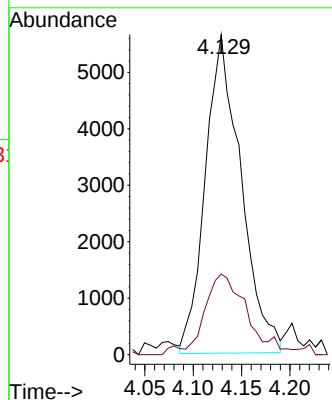
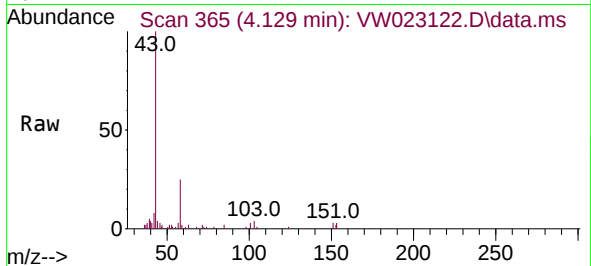




#13
Acetone
Concen: 72.808 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
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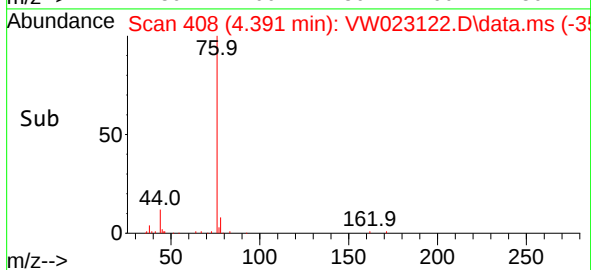
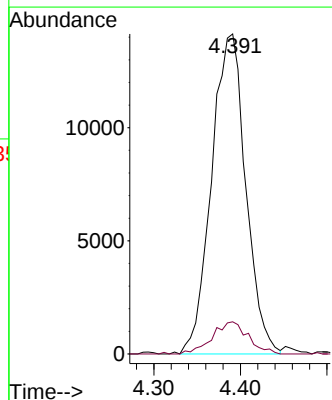
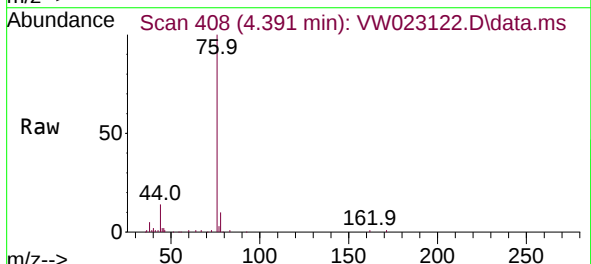
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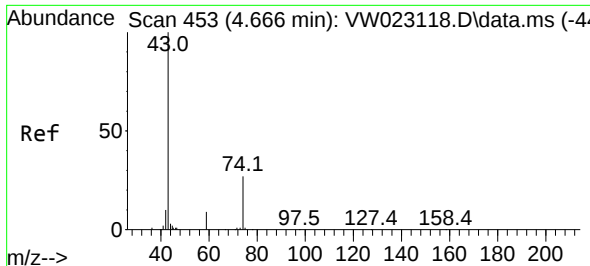
Tgt Ion: 43 Resp: 14482
Ion Ratio Lower Upper
43 100
58 27.1 0.0 64.0



#14
Carbon disulfide
Concen: 16.222 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 38795
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5

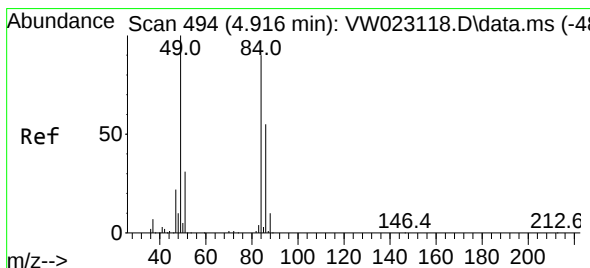
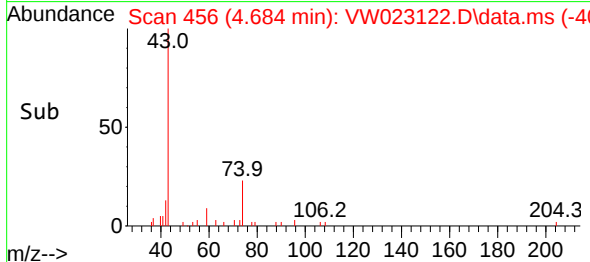
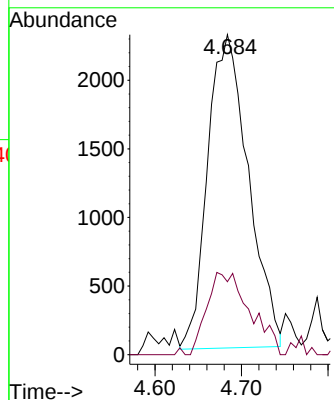
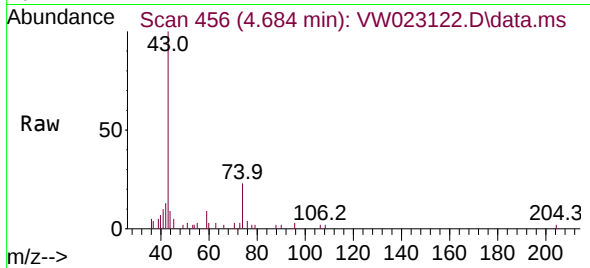




#15
Methyl Acetate
Concen: 18.658 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

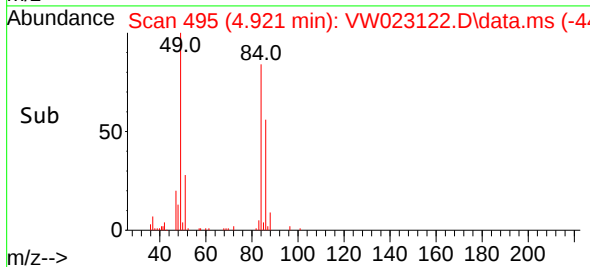
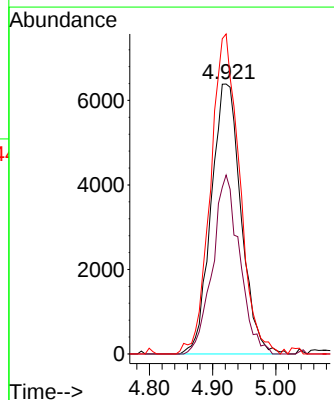
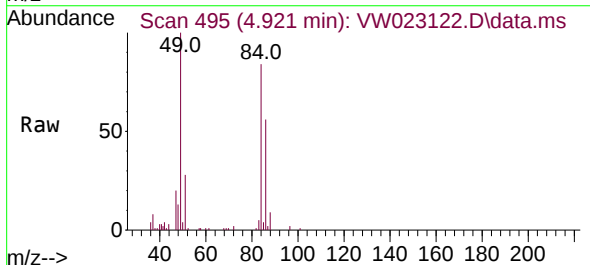
Instrument :
MSVOA_W
ClientSampleId :

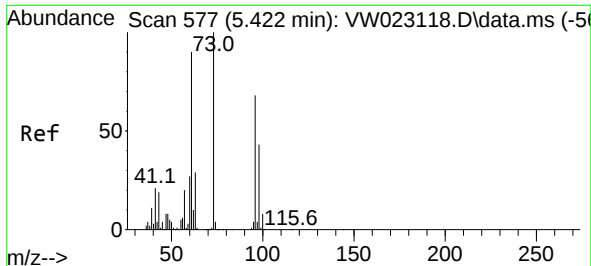
Tgt Ion: 43 Resp: 7456
Ion Ratio Lower Upper
43 100
74 13.9 21.9 32.9#



#16
Methylene chloride
Concen: 20.952 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

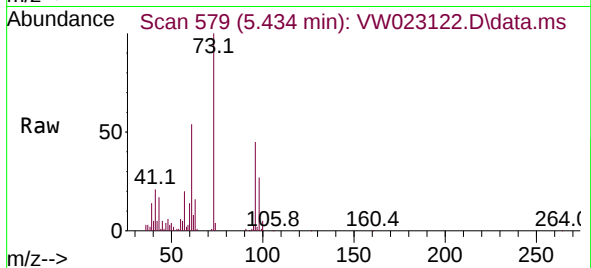
Tgt Ion: 84 Resp: 20880
Ion Ratio Lower Upper
84 100
86 66.3 45.4 84.4
49 118.6 82.5 153.1



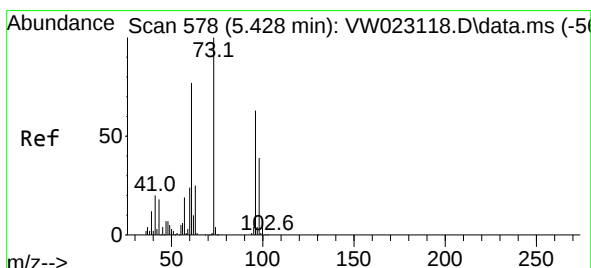
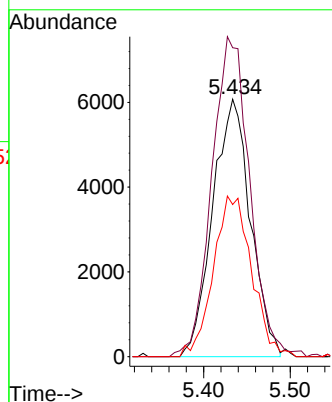
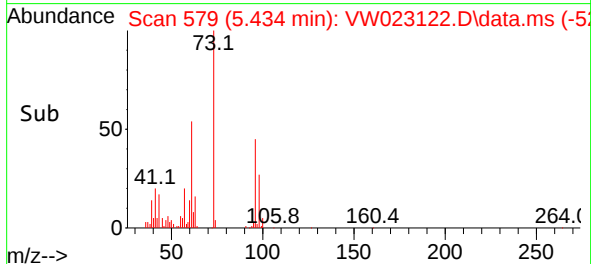


#17
trans-1,2-Dichloroethene
Concen: 18.737 ug/L
RT: 5.434 min Scan# 577
Delta R.T. 0.012 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Instrument :
MSVOA_W
ClientSampleId :

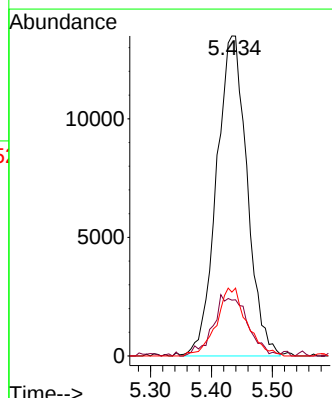
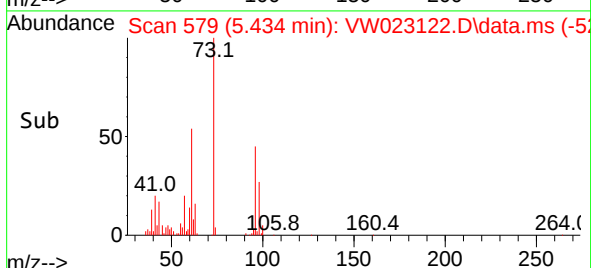
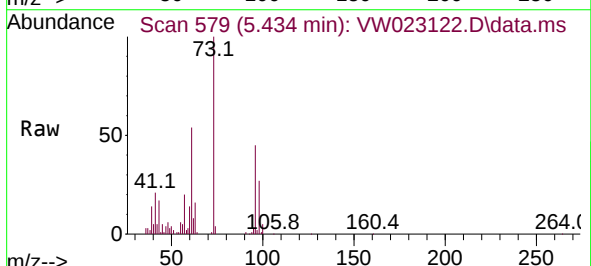


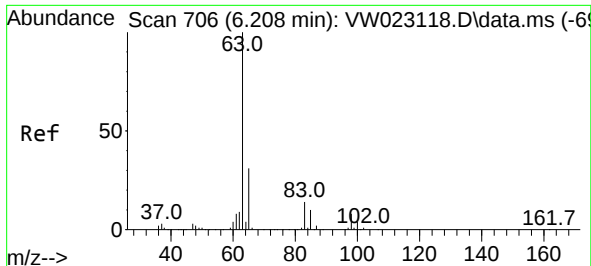
Tgt Ion: 96 Resp: 18393
Ion Ratio Lower Upper
96 100
61 120.0 92.2 171.2
98 59.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 31.314 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

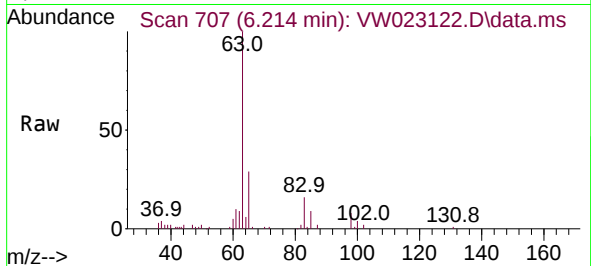
Tgt Ion: 73 Resp: 46925
Ion Ratio Lower Upper
73 100
43 5.2 15.9 23.9#
57 19.0 16.5 24.7



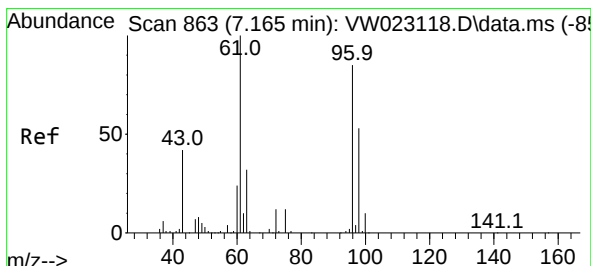
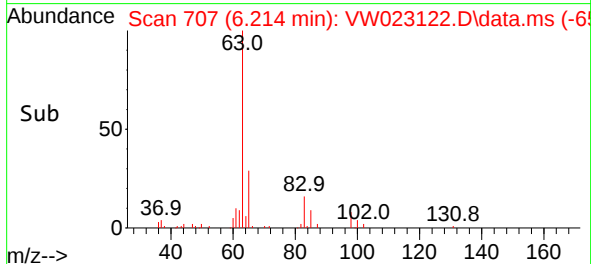
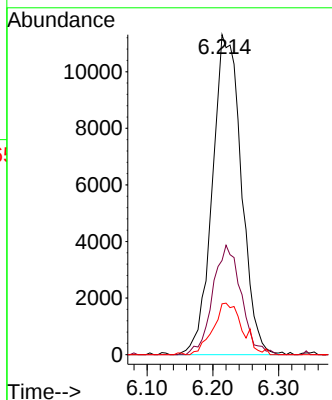


#19
1,1-Dichloroethane
Concen: 20.834 ug/L
RT: 6.214 min Scan# 706
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Instrument :
MSVOA_W
ClientSampleId :

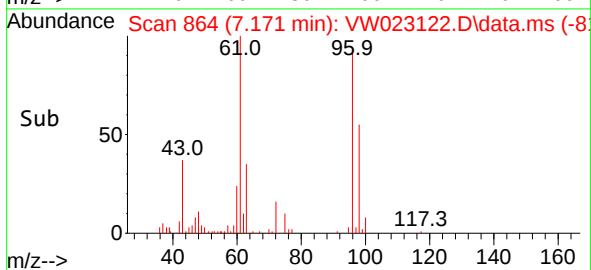
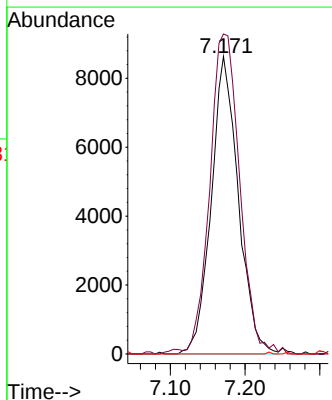
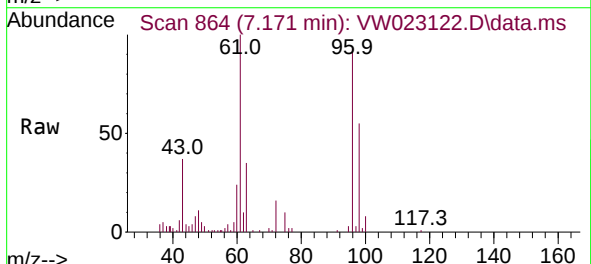


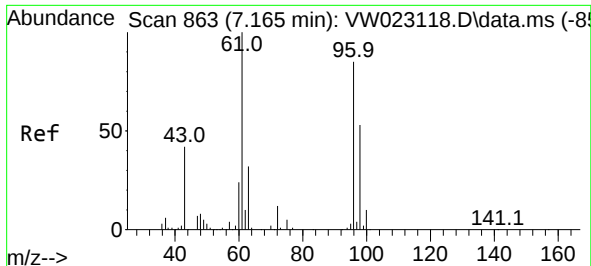
Tgt Ion: 63 Resp: 34662
Ion Ratio Lower Upper
63 100
65 29.4 23.3 43.3
83 15.9 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 20.651 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 96 Resp: 21774
Ion Ratio Lower Upper
96 100
61 107.6 84.2 156.4
68 0.0 0.1 0.1#





#22

2-Butanone

Concen: 40.842 ug/L

RT: 7.183 min Scan# 866

Delta R.T. 0.018 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

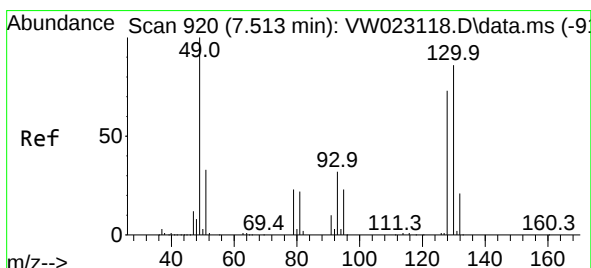
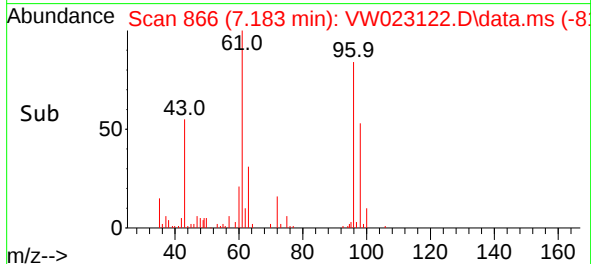
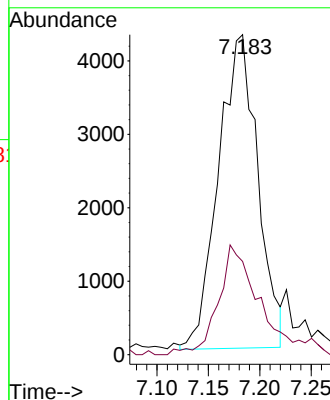
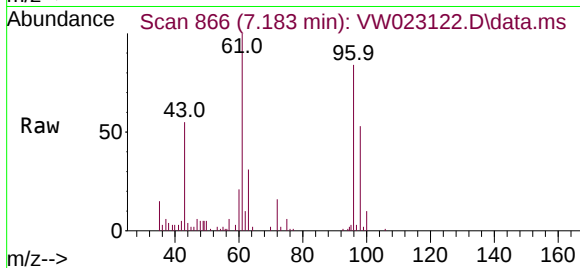
ClientSampleId :

Tgt Ion: 43 Resp: 11361

Ion Ratio Lower Upper

43 100

72 35.3 15.1 45.3



#23

Bromochloromethane

Concen: 20.023 ug/L

RT: 7.519 min Scan# 921

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Tgt Ion: 128 Resp: 9887

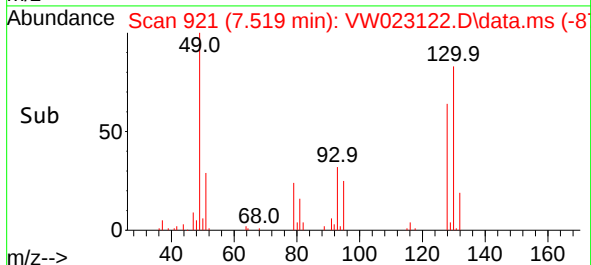
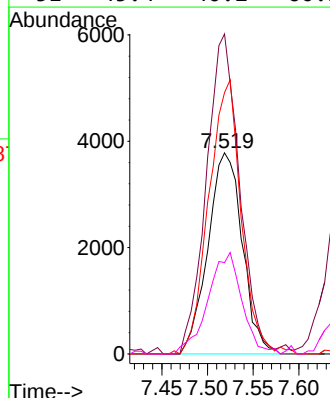
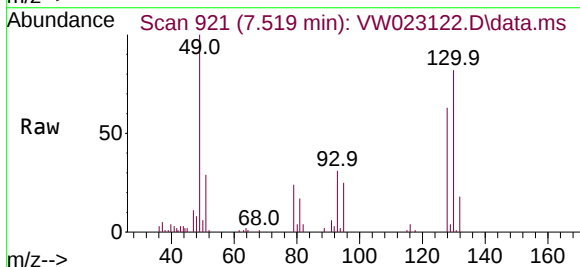
Ion Ratio Lower Upper

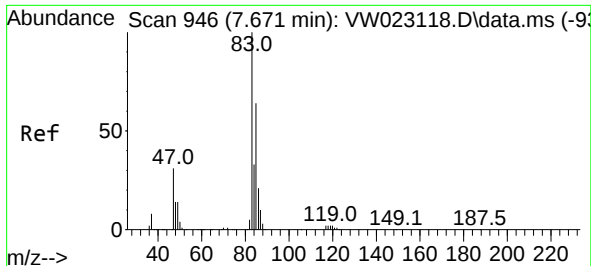
128 100

49 159.1 110.0 204.4

130 129.9 94.8 176.0

51 45.4 40.2 60.2

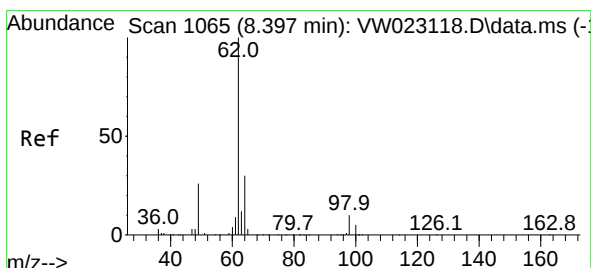
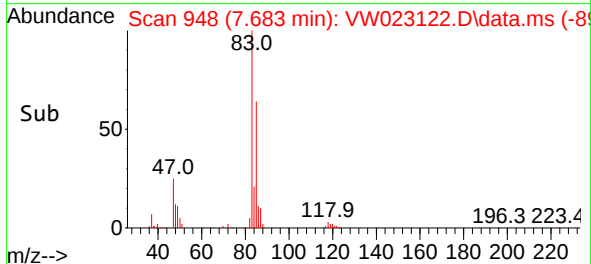
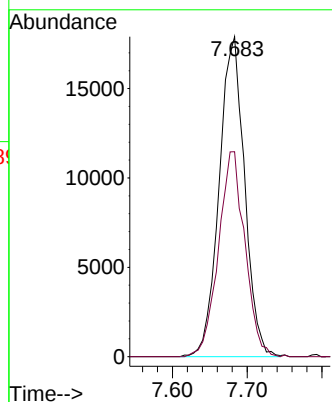
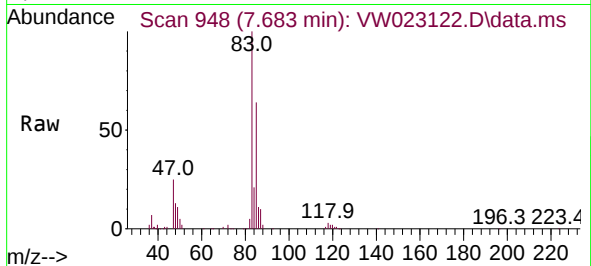




#25
Chloroform
Concen: 23.034 ug/L
RT: 7.683 min Scan# 946
Delta R.T. 0.012 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

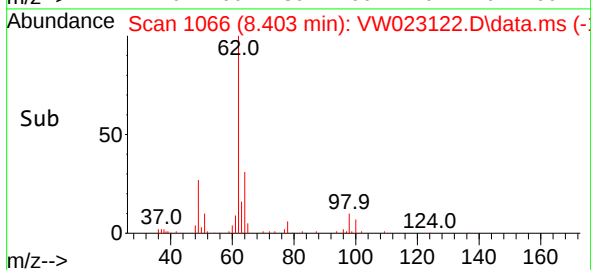
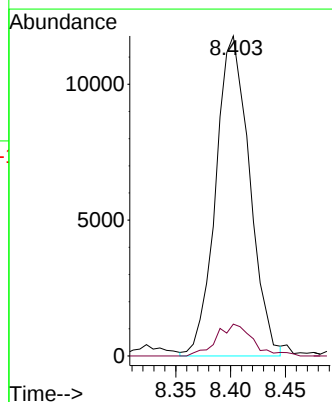
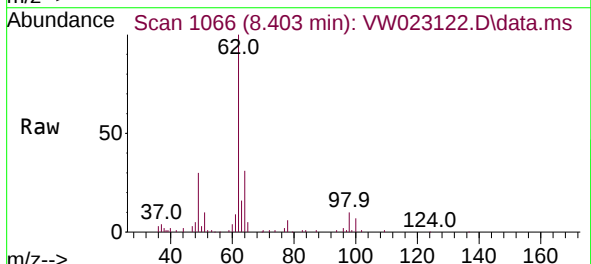
Instrument :
MSVOA_W
ClientSampleId :

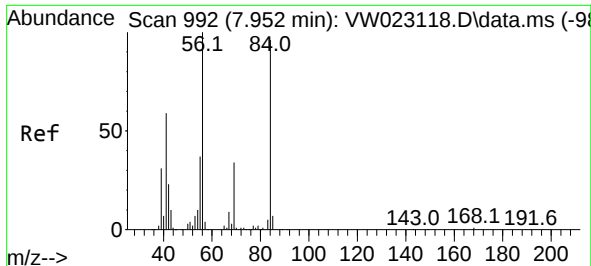
Tgt Ion: 83 Resp: 42374
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 20.623 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 62 Resp: 25290
Ion Ratio Lower Upper
62 100
98 10.7 7.2 10.8





#29

Cyclohexane

Concen: 16.913 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

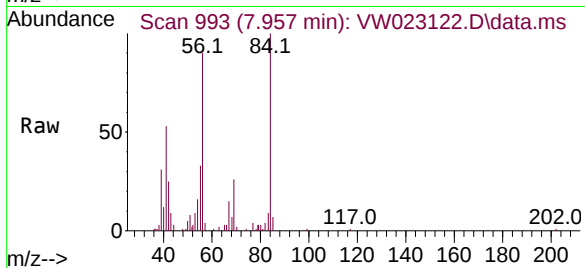
Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :



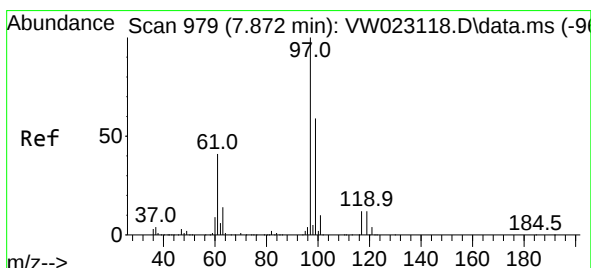
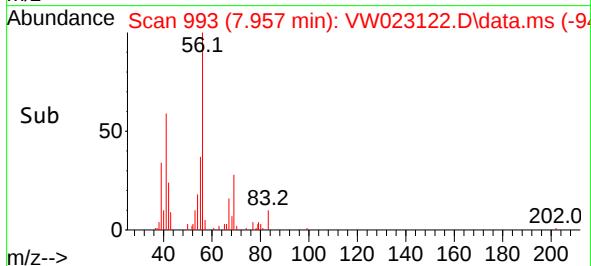
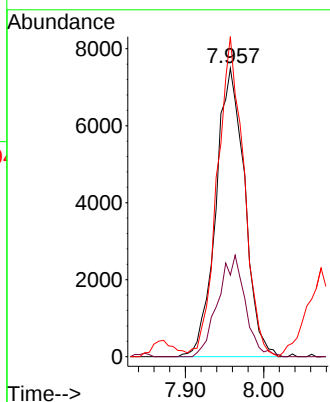
Tgt Ion: 56 Resp: 19131

Ion Ratio Lower Upper

56 100

69 33.4 25.6 38.4

84 102.1 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 28.739 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

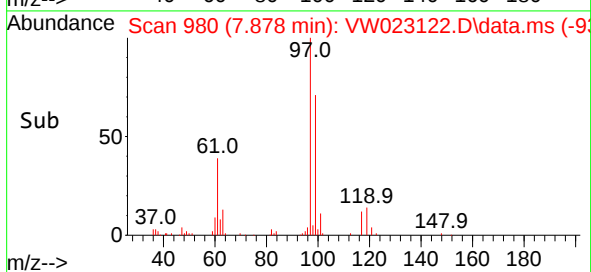
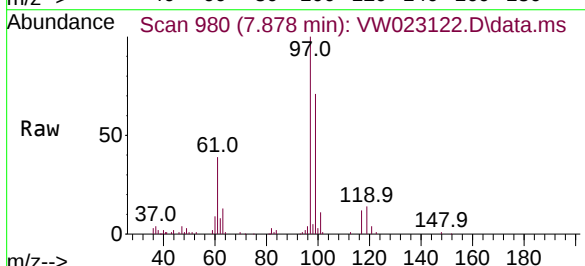
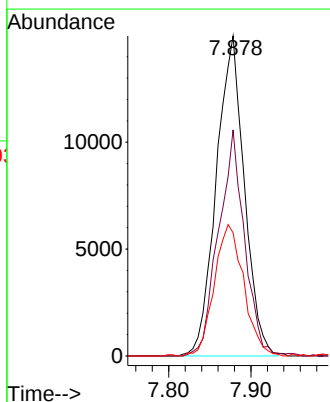
Tgt Ion: 97 Resp: 35523

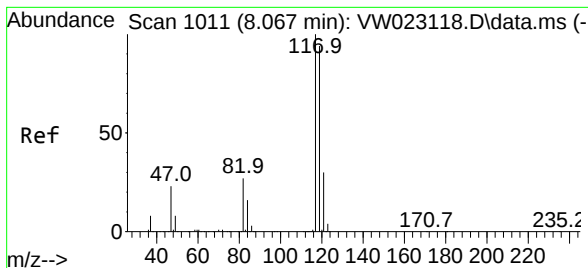
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 43.1 34.8 52.2

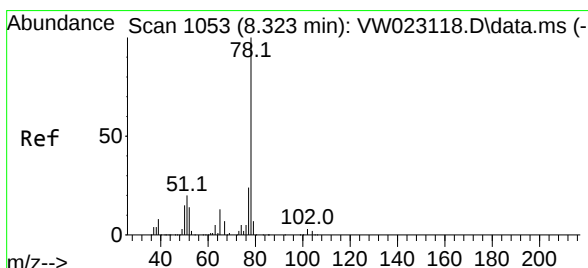
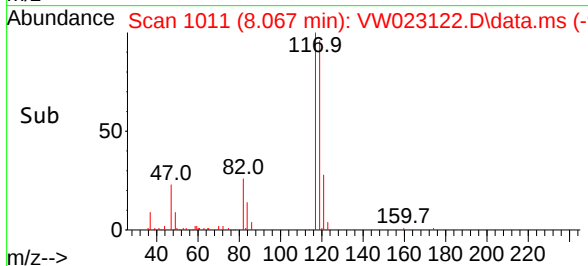
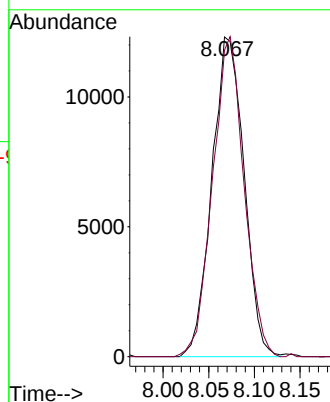
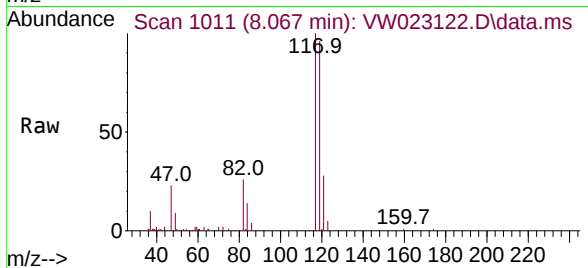




#31
Carbon tetrachloride
Concen: 26.019 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

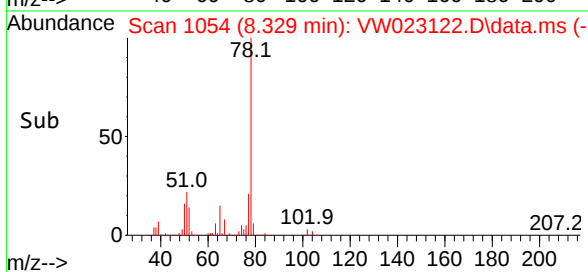
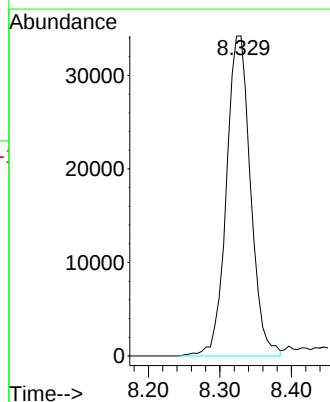
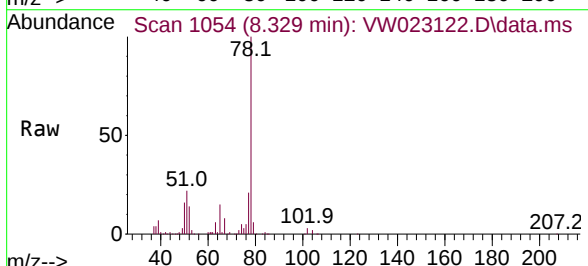
Instrument :
MSVOA_W
ClientSampleId :

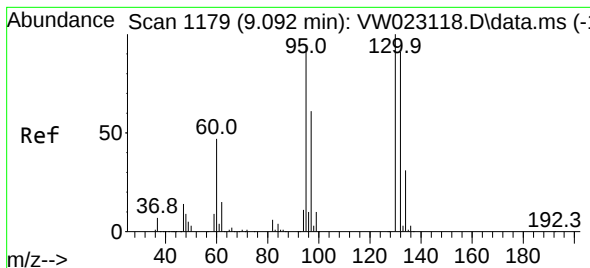
Tgt Ion:117 Resp: 30084
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0



#33
Benzene
Concen: 26.047 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 78 Resp: 80256





#34

Trichloroethene

Concen: 28.771 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 24380

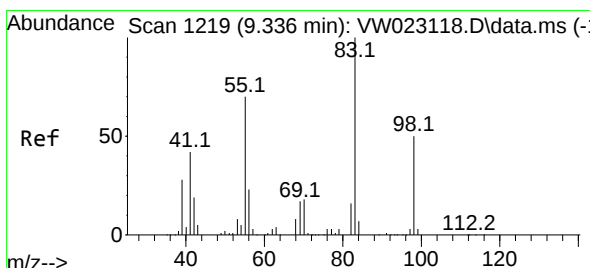
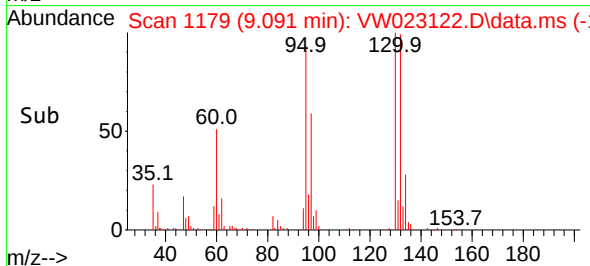
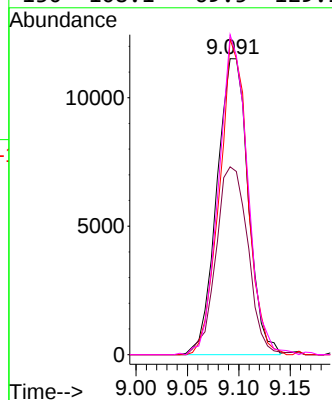
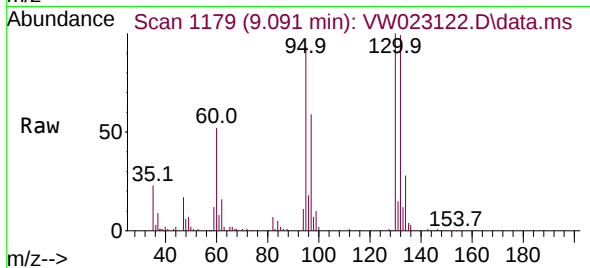
Ion Ratio Lower Upper

95 100

97 63.4 46.1 85.7

132 106.6 66.9 124.3

130 108.1 69.5 129.1



#35

Methylcyclohexane

Concen: 11.022 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

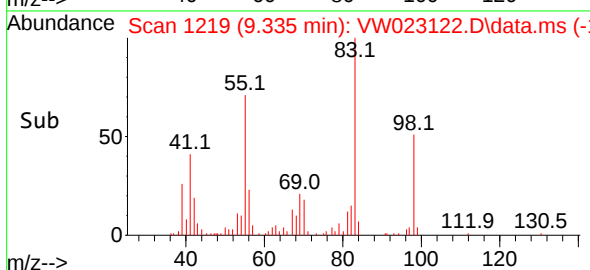
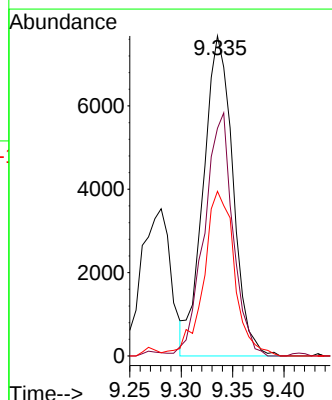
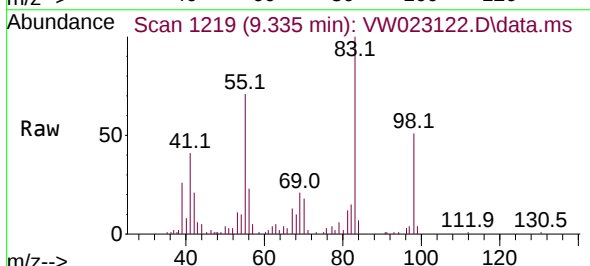
Tgt Ion: 83 Resp: 15344

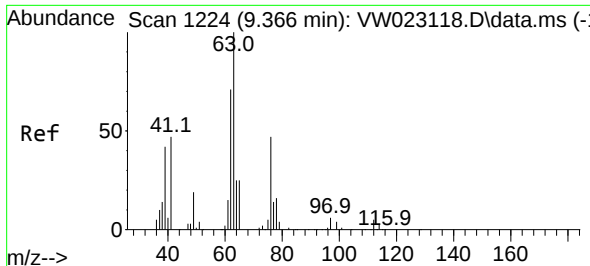
Ion Ratio Lower Upper

83 100

55 73.5 55.1 82.7

98 53.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.329 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

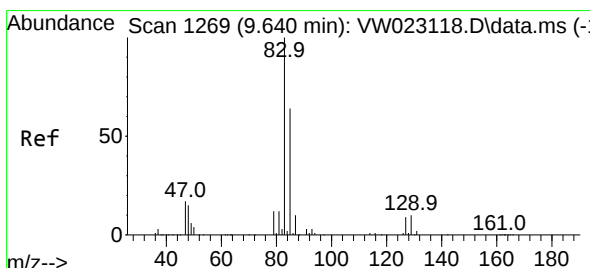
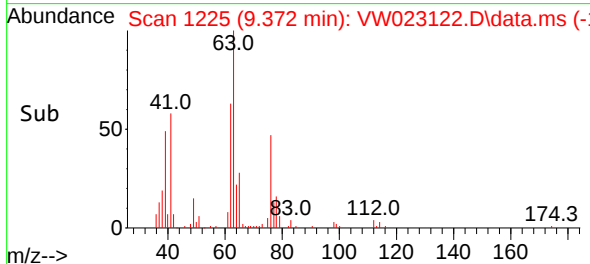
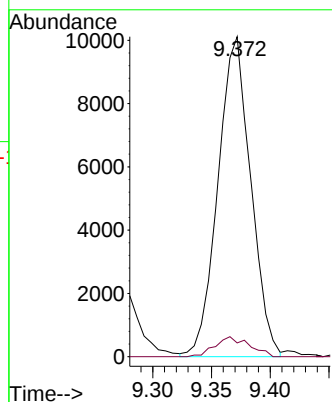
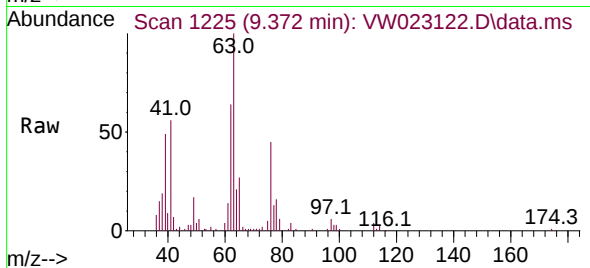
ClientSampleId :

Tgt Ion: 63 Resp: 19632

Ion Ratio Lower Upper

63 100

112 6.5 3.8 5.8#



#38

Bromodichloromethane

Concen: 24.159 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

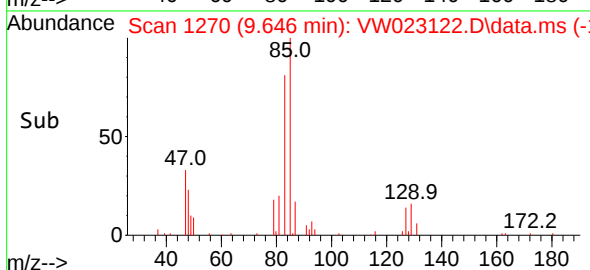
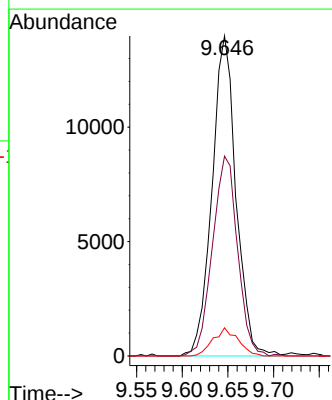
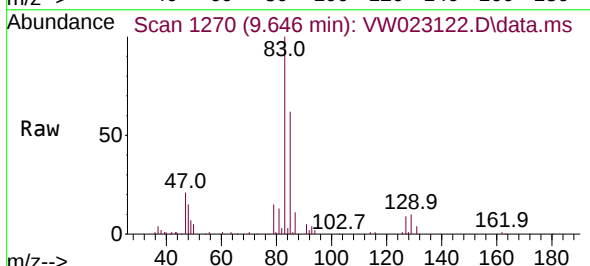
Tgt Ion: 83 Resp: 25587

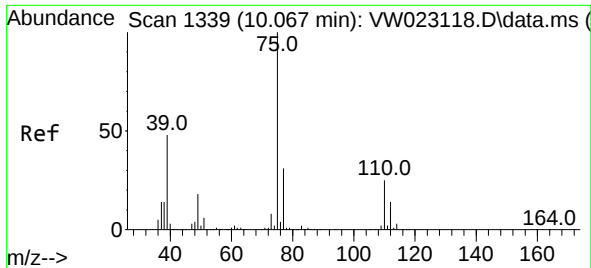
Ion Ratio Lower Upper

83 100

85 62.5 43.5 80.7

127 8.8 7.1 10.7

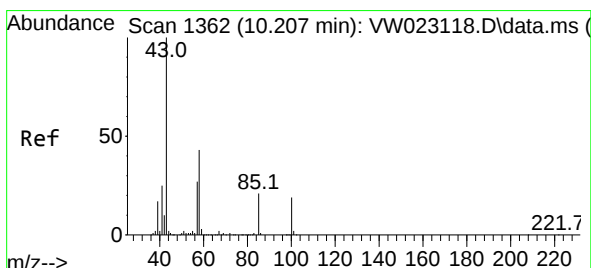
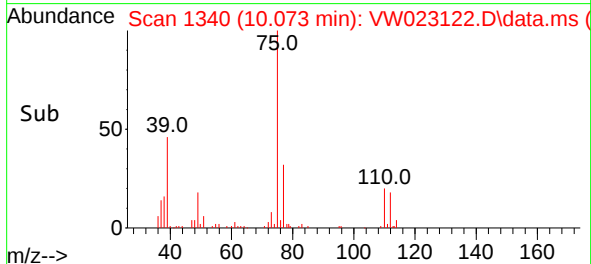
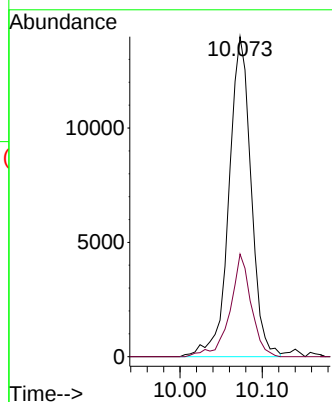
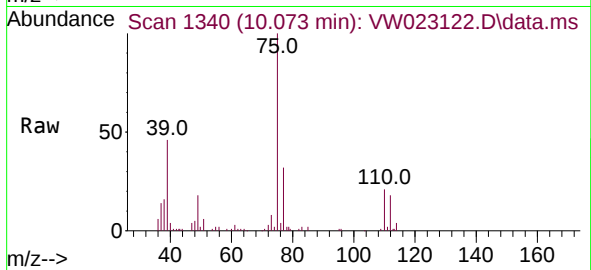




#39
 cis-1,3-Dichloropropene
 Concen: 22.692 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.006 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

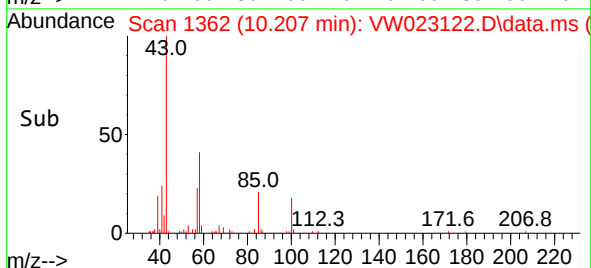
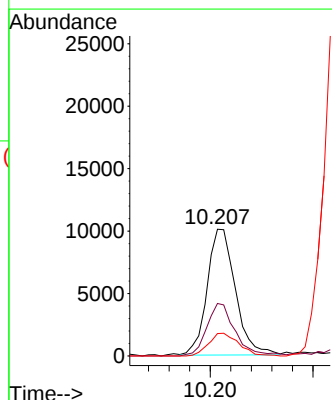
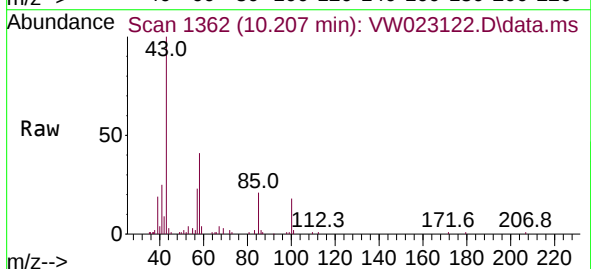
Instrument :
 MSVOA_W
 ClientSampleId :

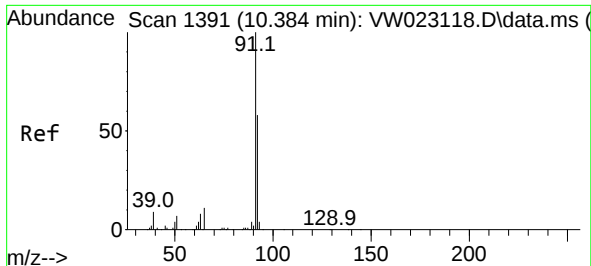
Tgt Ion: 75 Resp: 26236
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 40.914 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

Tgt Ion: 43 Resp: 19229
 Ion Ratio Lower Upper
 43 100
 58 41.8 31.4 47.2
 100 19.4 14.2 21.4

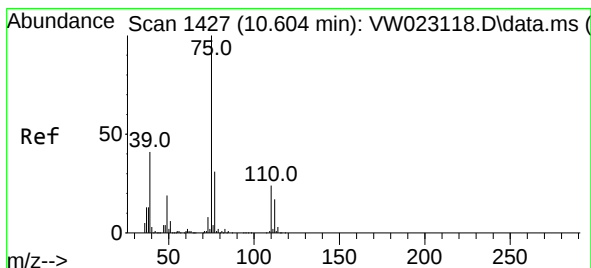
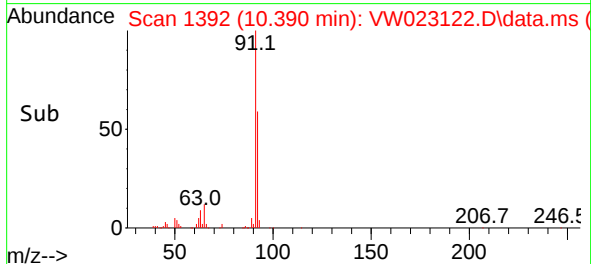
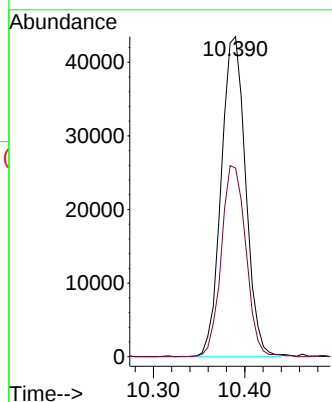
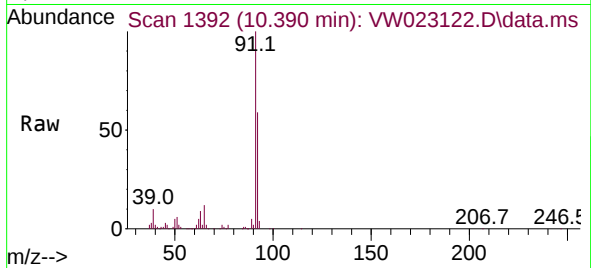




#42
Toluene
Concen: 23.371 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

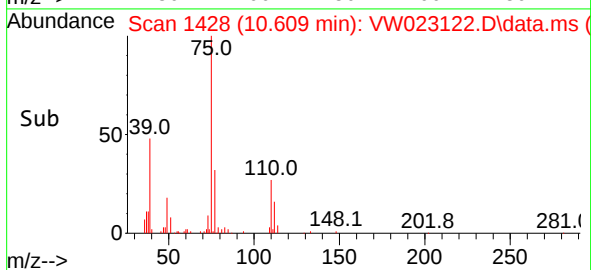
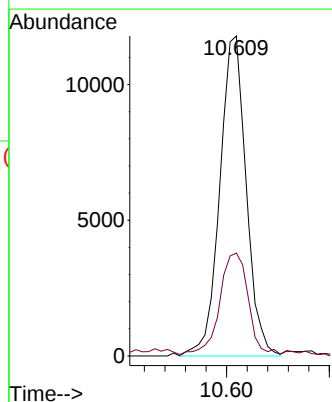
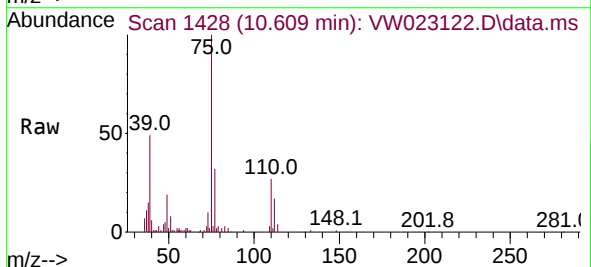
Instrument :
MSVOA_W
ClientSampleId :

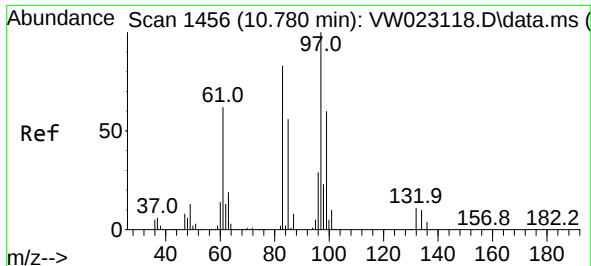
Tgt Ion: 91 Resp: 80704
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 20.374 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 75 Resp: 21025
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.449 ug/L

RT: 10.786 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 17110

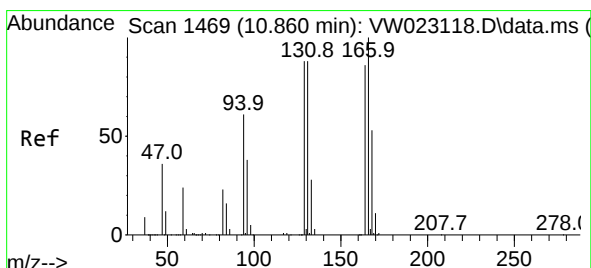
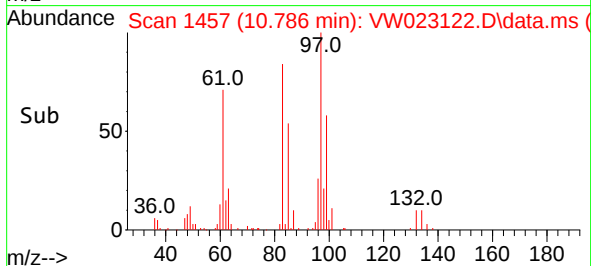
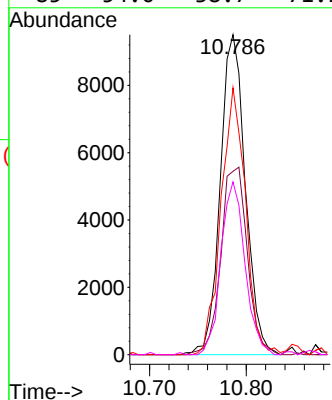
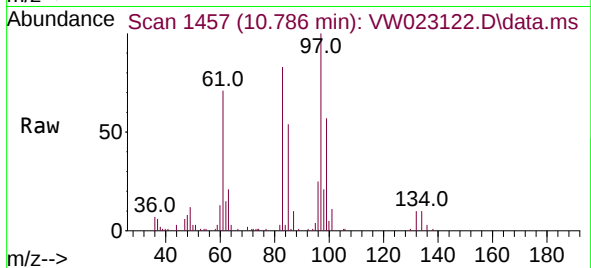
Ion Ratio Lower Upper

97 100

99 57.3 44.7 82.9

83 83.4 58.4 108.4

85 54.0 38.7 71.9



#46

Tetrachloroethene

Concen: 17.859 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Tgt Ion:164 Resp: 11373

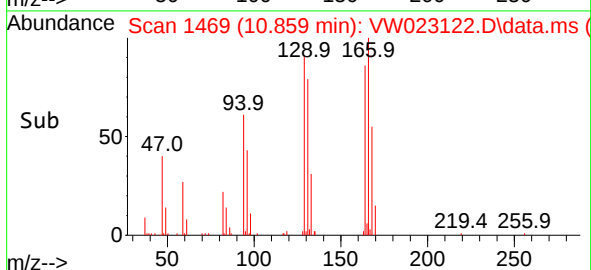
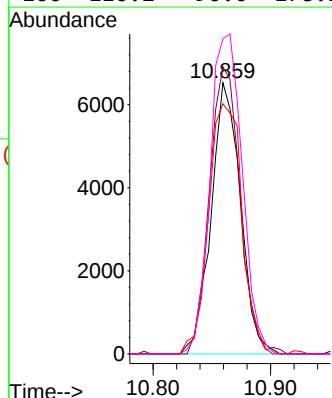
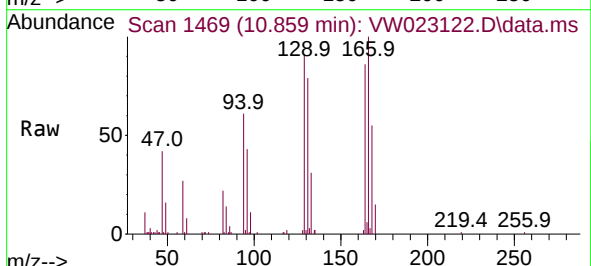
Ion Ratio Lower Upper

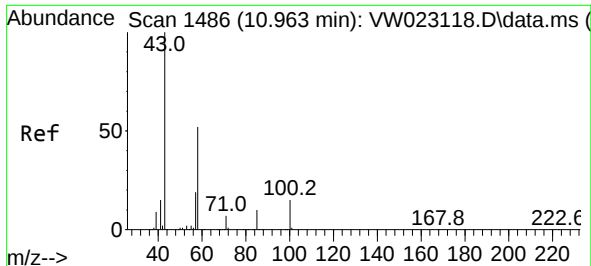
164 100

129 105.9 76.9 142.7

131 92.3 75.1 139.5

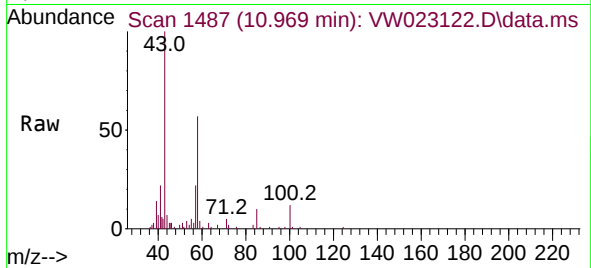
166 116.2 96.0 178.2



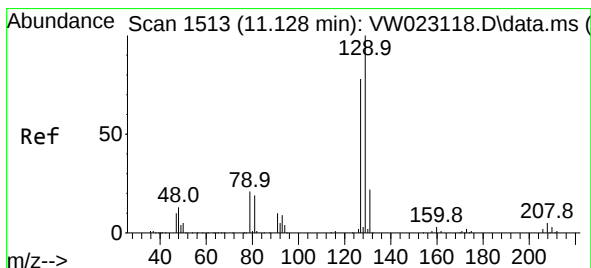
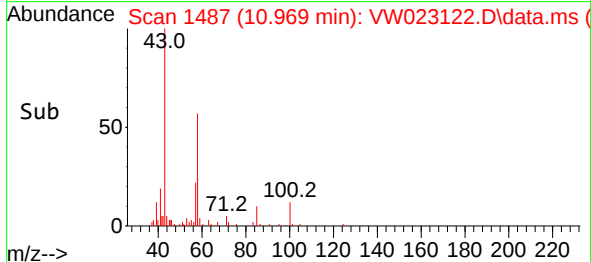
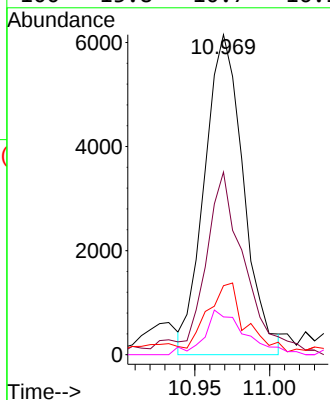


#48
2-Hexanone
Concen: 35.447 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Instrument :
MSVOA_W
ClientSampleId :

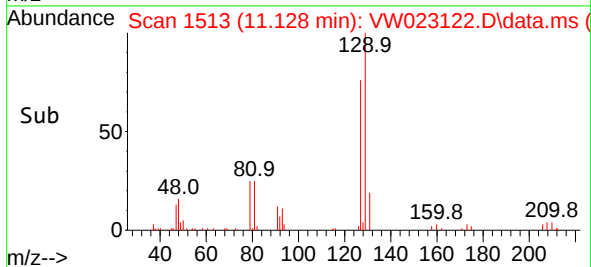
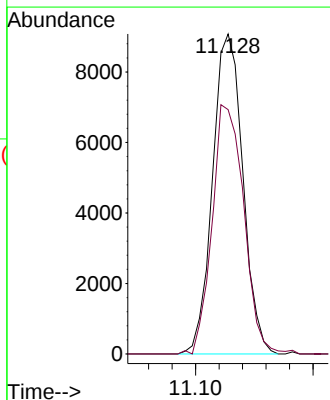
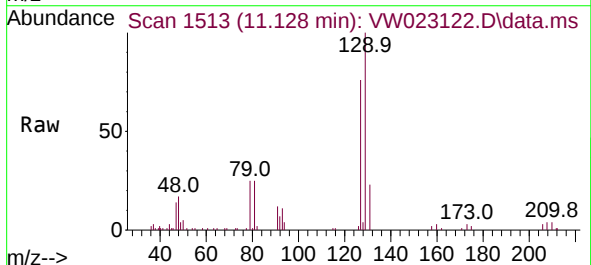


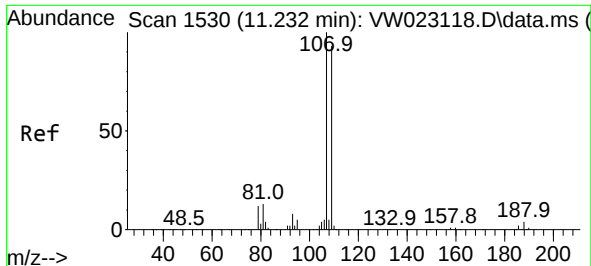
Tgt Ion: 43 Resp: 11131
Ion Ratio Lower Upper
43 100
58 56.2 45.9 68.9
57 15.1 16.2 24.2#
100 13.8 10.7 16.1



#49
Dibromochloromethane
Concen: 21.655 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion:129 Resp: 16246
Ion Ratio Lower Upper
129 100
127 76.3 53.8 100.0





#50

1,2-Dibromoethane

Concen: 21.706 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023122.D

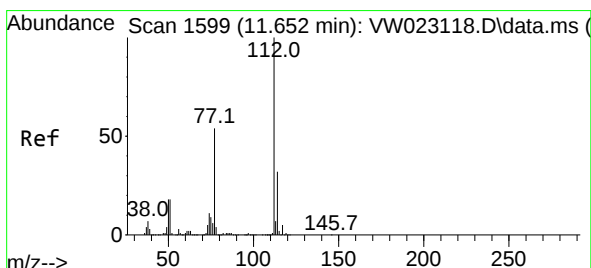
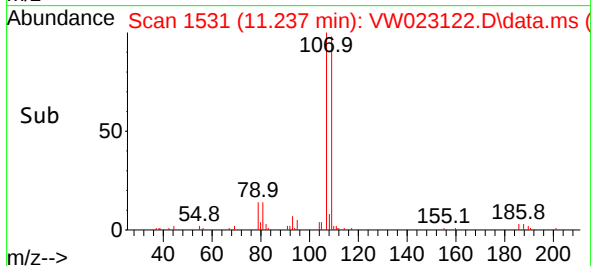
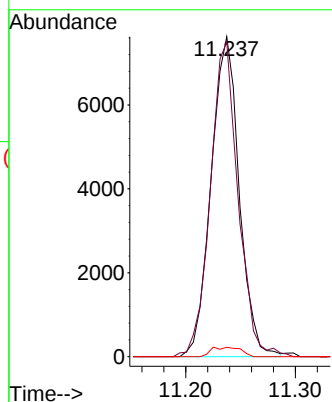
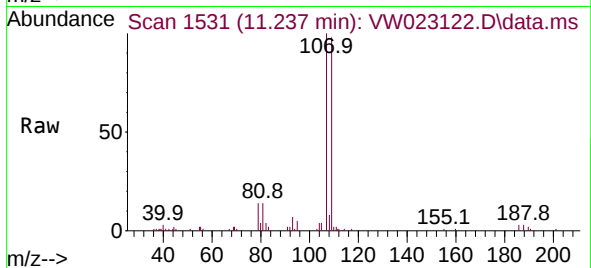
Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	13586
Ion Ratio	Lower	Upper	
107	100		
109	98.4	67.5	125.4
188	3.0	2.9	4.3



#51

Chlorobenzene

Concen: 19.769 ug/L

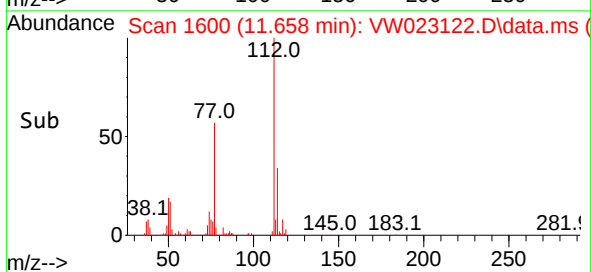
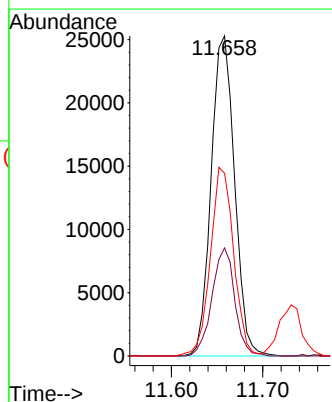
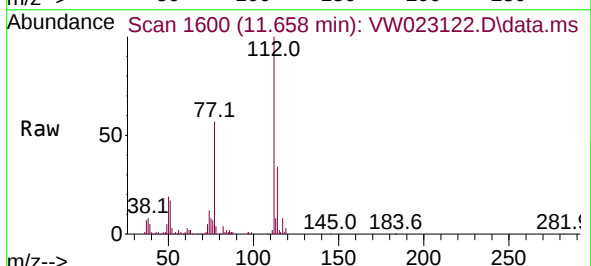
RT: 11.658 min Scan# 1600

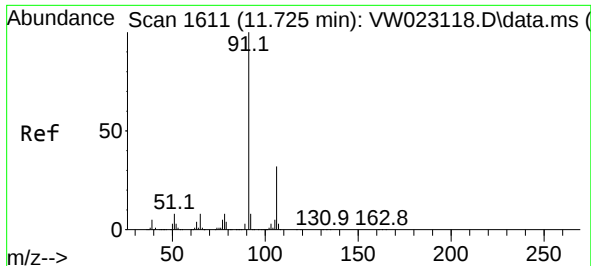
Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Tgt Ion:	112	Resp:	45004
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.0	41.0
77	57.1	42.6	63.8

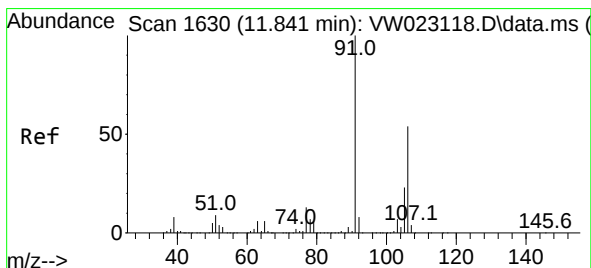
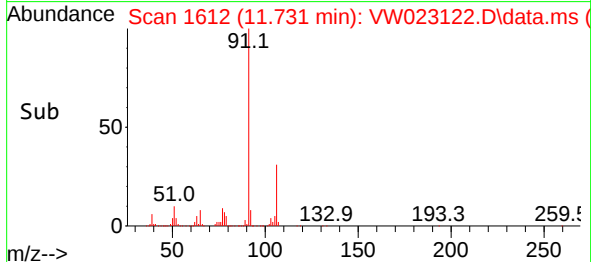
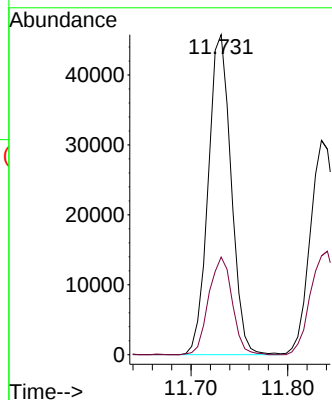
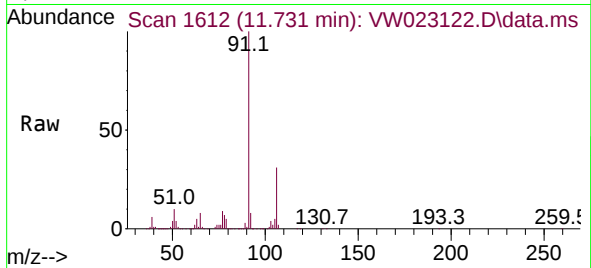




#52
Ethylbenzene
Concen: 19.635 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

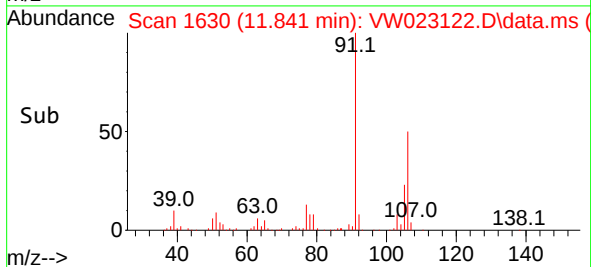
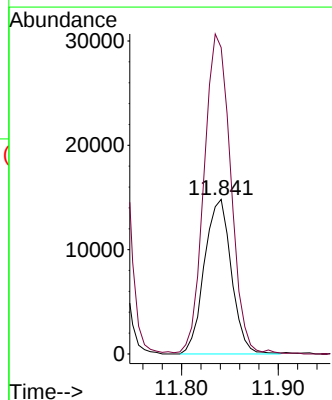
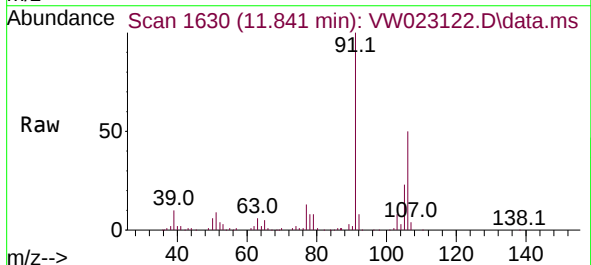
Instrument :
MSVOA_W
ClientSampleId :

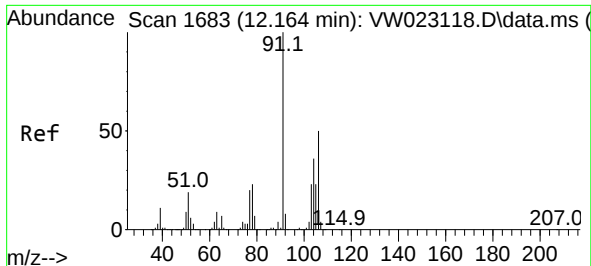
Tgt Ion: 91 Resp: 75430
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3



#53
m,p-Xylene
Concen: 18.988 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 106 Resp: 28743
Ion Ratio Lower Upper
106 100
91 198.4 136.8 254.0

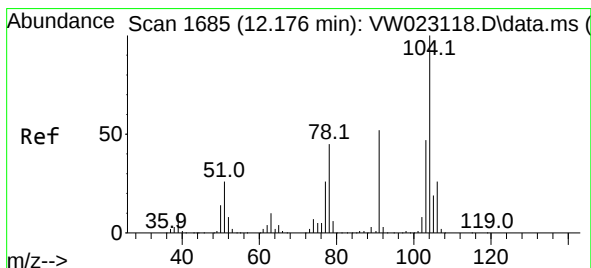
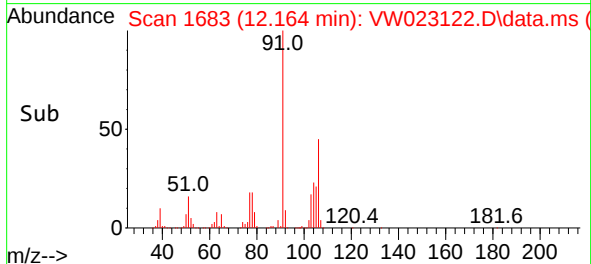
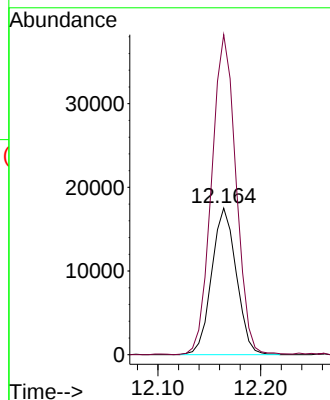
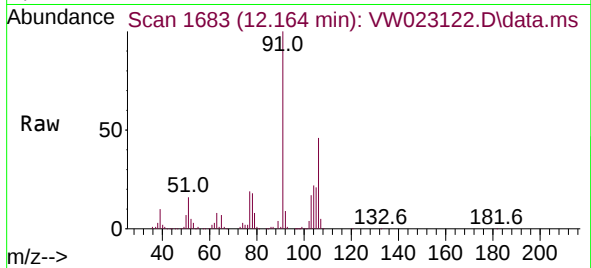




#54
o-Xylene
Concen: 20.092 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

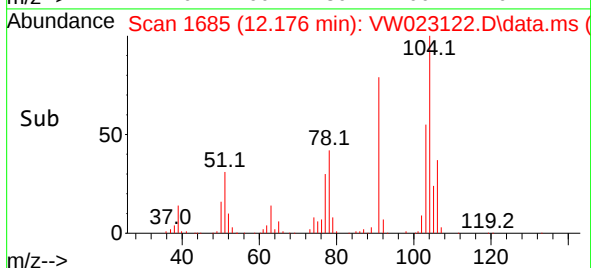
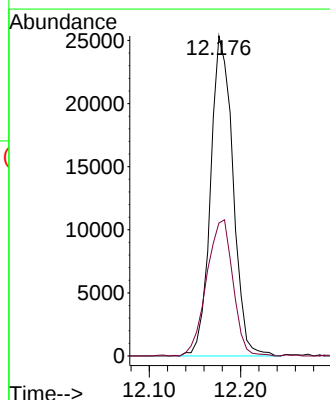
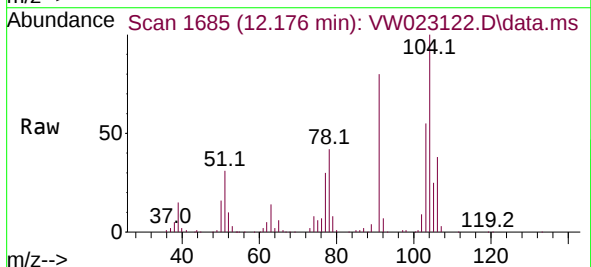
Instrument :
MSVOA_W
ClientSampleId :

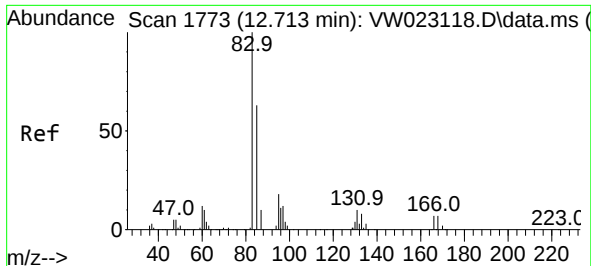
Tgt Ion:106 Resp: 29186
Ion Ratio Lower Upper
106 100
91 218.3 147.2 273.4



#55
Styrene
Concen: 17.468 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion:104 Resp: 43117
Ion Ratio Lower Upper
104 100
78 41.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 17.602 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023122.D

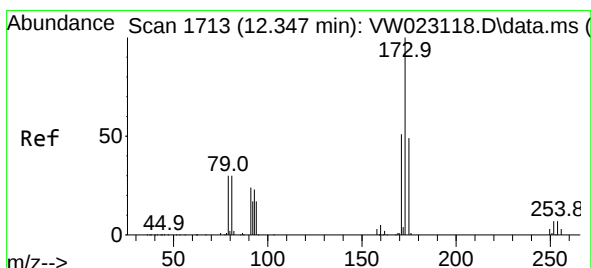
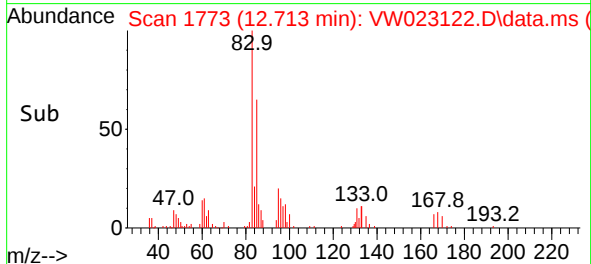
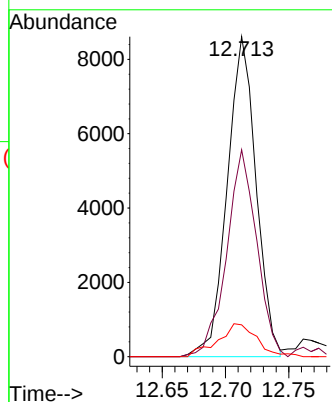
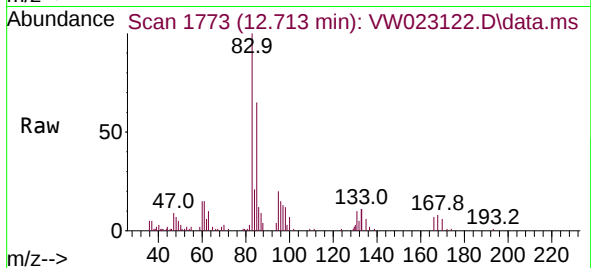
Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	13704
Ion Ratio	Lower	Upper	
83	100		
85	64.6	47.5	88.1
131	10.0	8.7	13.1



#59

Bromoform

Concen: 30.831 ug/L

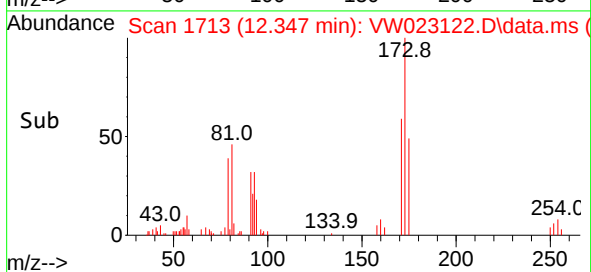
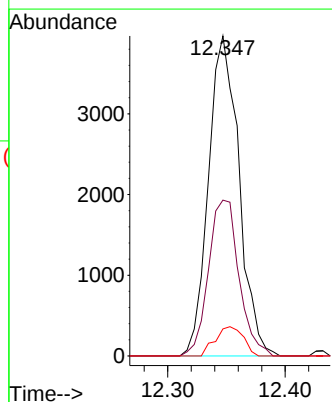
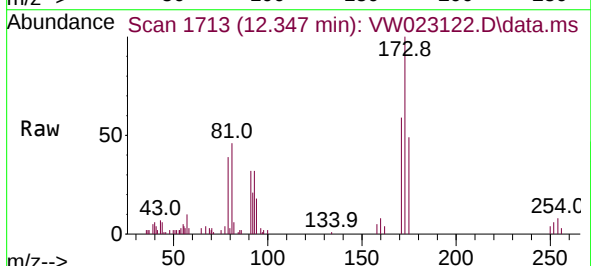
RT: 12.347 min Scan# 1713

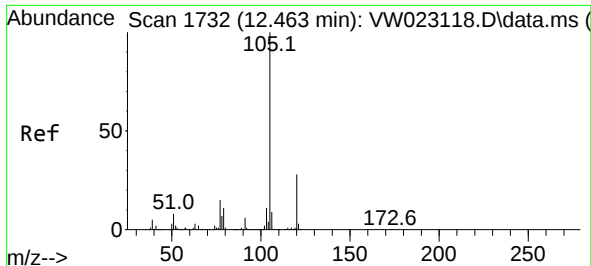
Delta R.T. -0.000 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Tgt Ion:	173	Resp:	7156
Ion Ratio	Lower	Upper	
173	100		
175	48.7	38.1	57.1
254	8.4	6.5	9.7

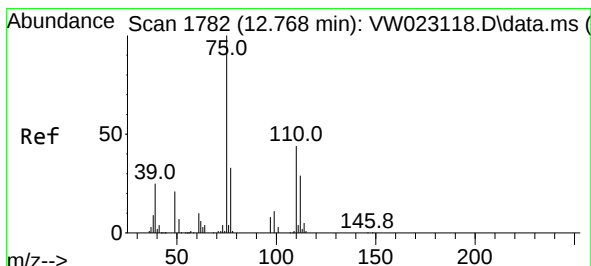
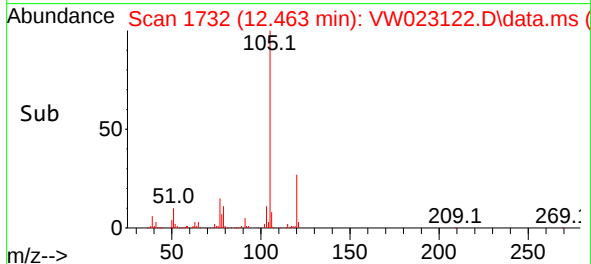
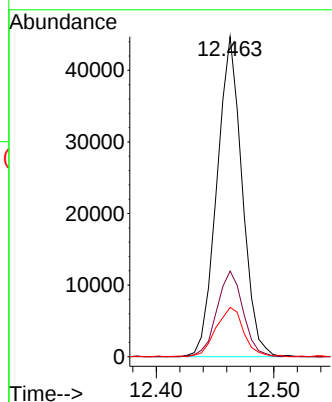
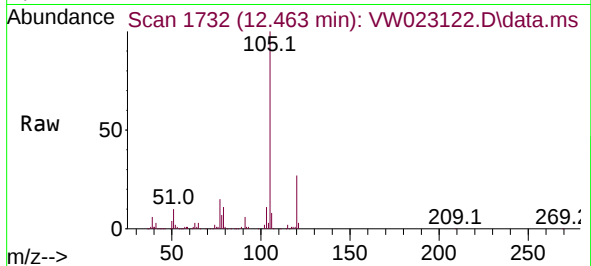




#60
Isopropylbenzene
Concen: 29.726 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

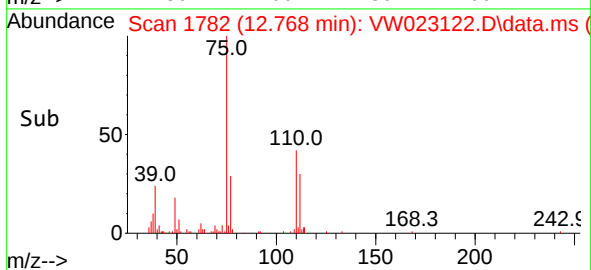
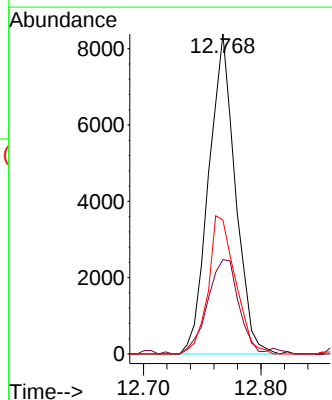
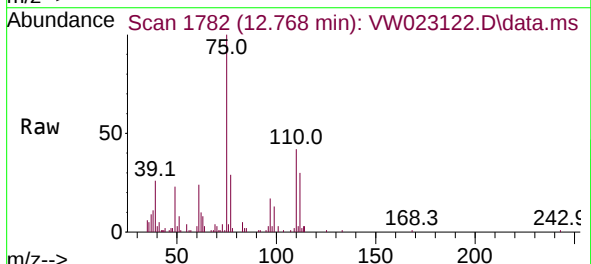
Instrument :
MSVOA_W
ClientSampleId :

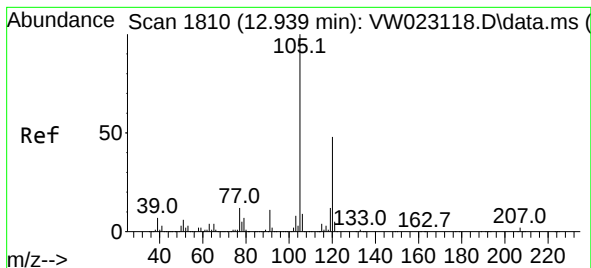
Tgt Ion:105 Resp: 66696
Ion Ratio Lower Upper
105 100
120 27.8 21.3 31.9
77 16.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 40.361 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion: 75 Resp: 13208
Ion Ratio Lower Upper
75 100
77 34.2 26.2 39.2
110 43.9 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.773 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

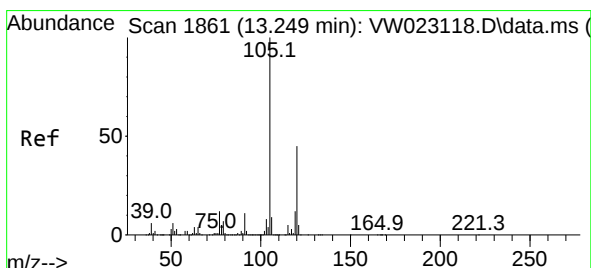
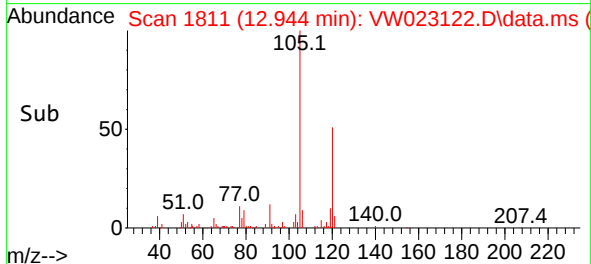
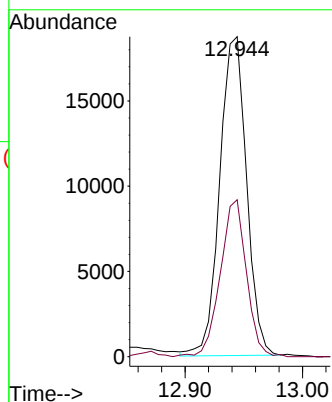
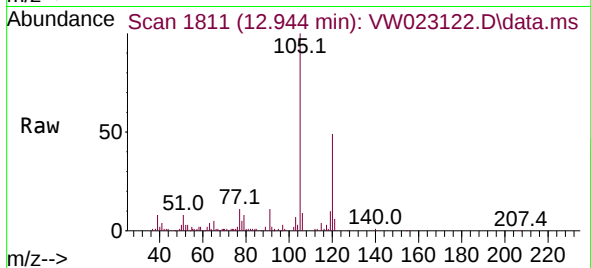
ClientSampleId :

Tgt Ion:105 Resp: 29675

Ion Ratio Lower Upper

105 100

120 47.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 23.753 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023122.D

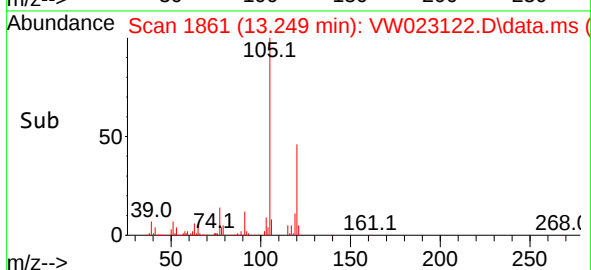
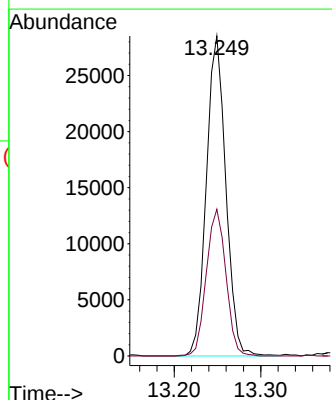
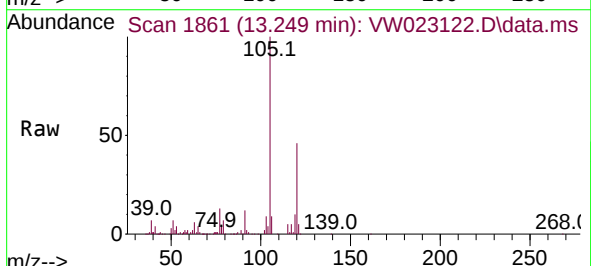
Acq: 18 May 2022 11:21

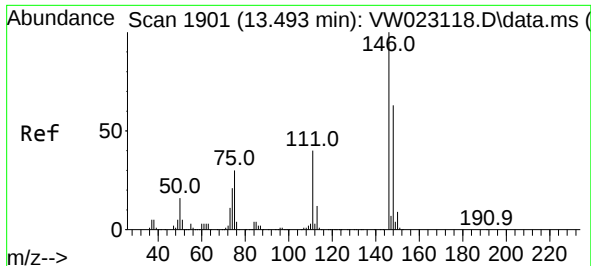
Tgt Ion:105 Resp: 44521

Ion Ratio Lower Upper

105 100

120 46.1 37.4 56.2

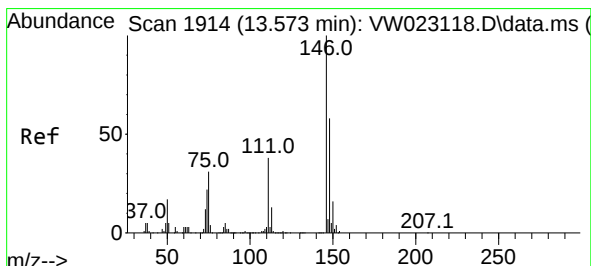
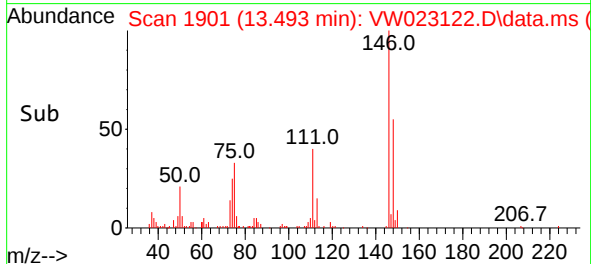
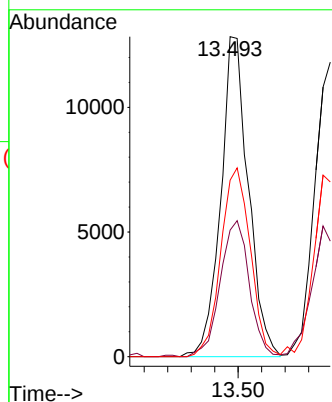
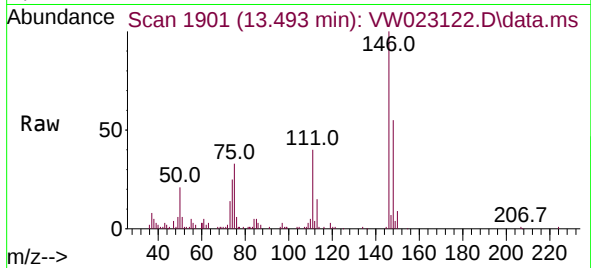




#64
1,3-Dichlorobenzene
Concen: 20.932 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

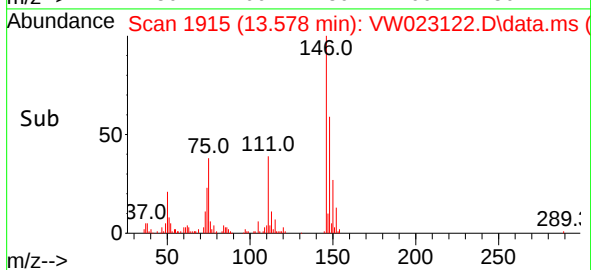
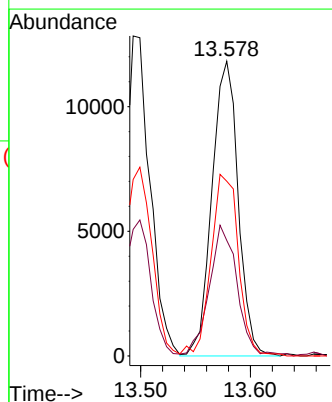
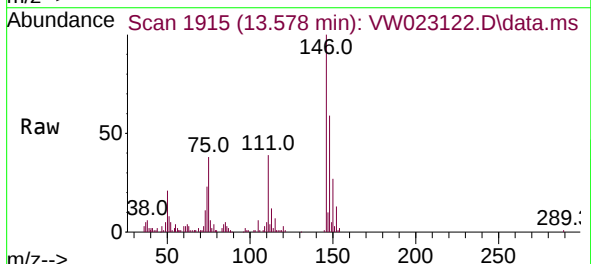
Instrument :
MSVOA_W
ClientSampleId :

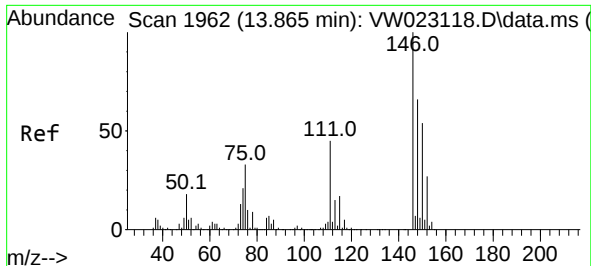
Tgt Ion:146 Resp: 20969
Ion Ratio Lower Upper
146 100
111 39.6 29.5 54.9
148 55.2 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 18.985 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023122.D
Acq: 18 May 2022 11:21

Tgt Ion:146 Resp: 19644
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.4
148 59.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.167 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

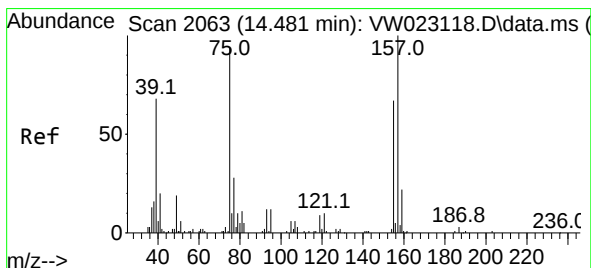
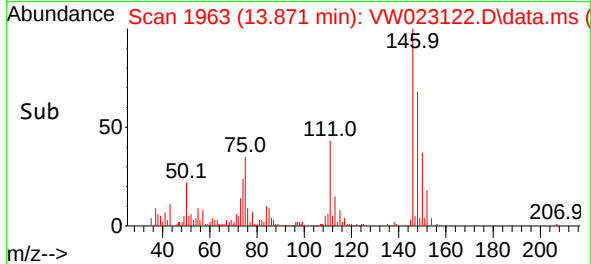
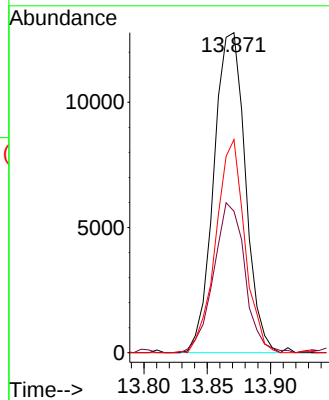
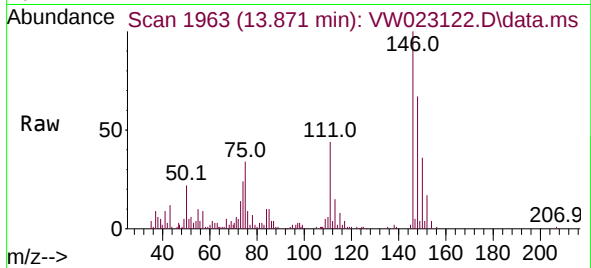
Tgt Ion:146 Resp: 22153

Ion Ratio Lower Upper

146 100

111 44.2 35.7 53.5

148 66.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.362 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

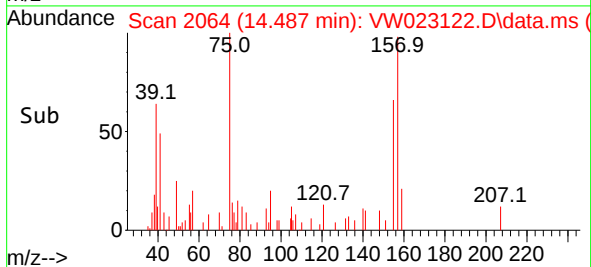
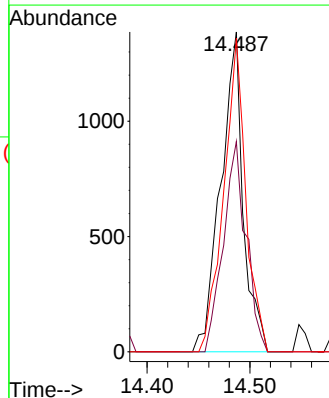
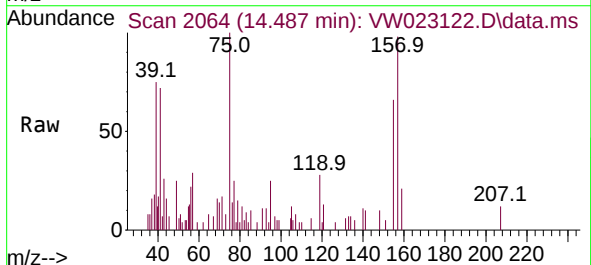
Tgt Ion: 75 Resp: 2100

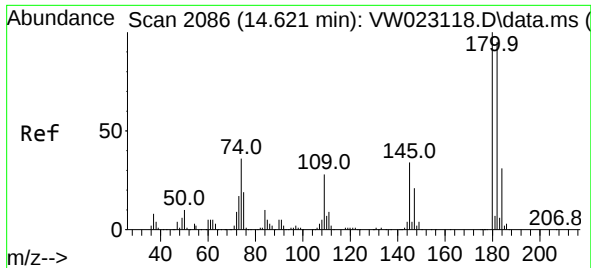
Ion Ratio Lower Upper

75 100

155 65.8 59.3 88.9

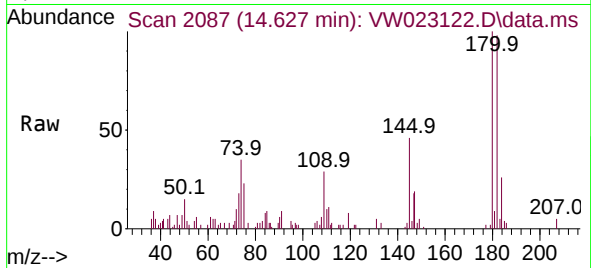
157 98.1 89.8 134.8



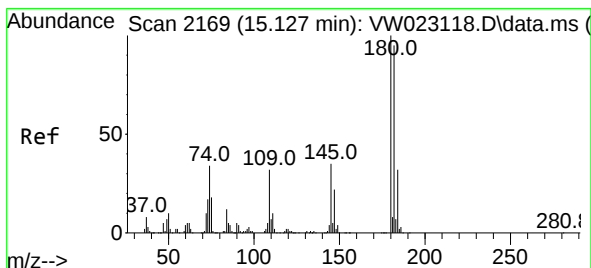
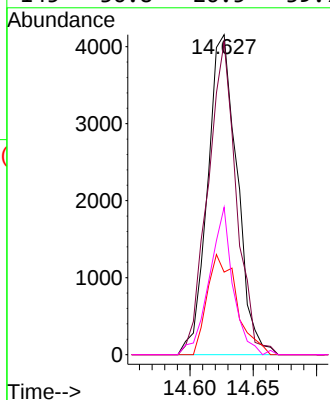
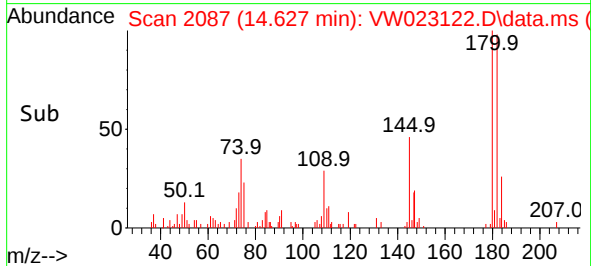


#69
 1,3,5-Trichlorobenzene
 Concen: 10.126 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21

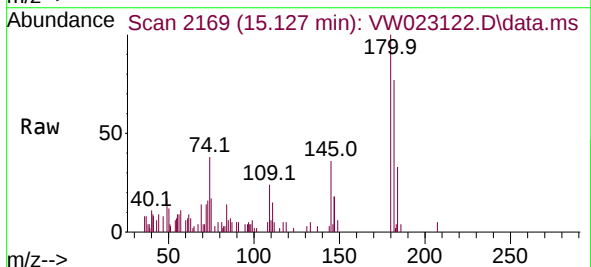
Instrument :
 MSVOA_W
 ClientSampleId :



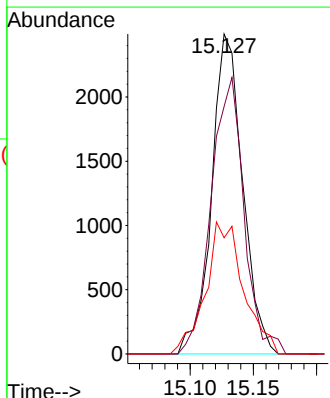
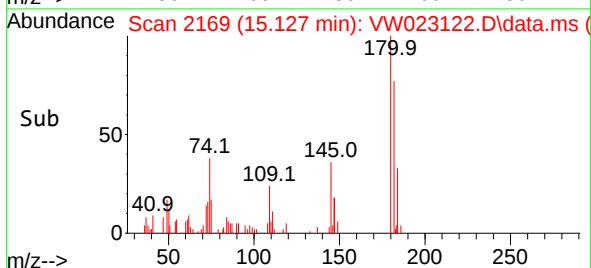
Tgt Ion:180 Resp: 6733
 Ion Ratio Lower Upper
 180 100
 182 93.8 74.8 112.2
 184 31.5 23.4 35.2
 145 36.8 26.5 39.7

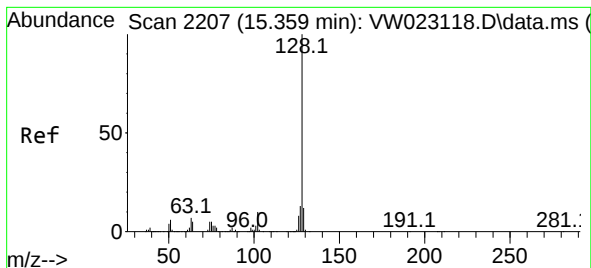


#70
 1,2,4-trichlorobenzene
 Concen: 7.938 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023122.D
 Acq: 18 May 2022 11:21



Tgt Ion:180 Resp: 4246
 Ion Ratio Lower Upper
 180 100
 182 89.3 74.9 112.3
 145 50.3 26.6 39.8#





#71

Naphthalene

Concen: 9.910 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Instrument :

MSVOA_W

ClientSampleId :

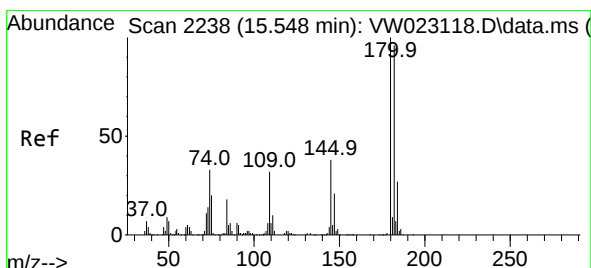
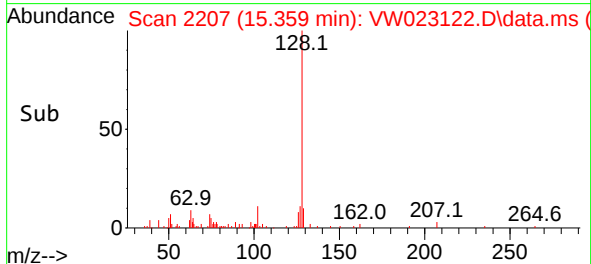
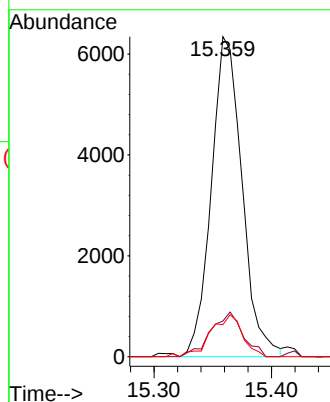
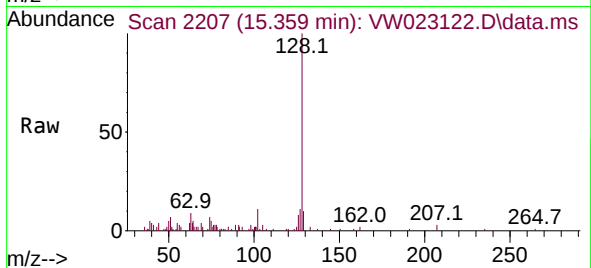
Tgt Ion:128 Resp: 11521

Ion Ratio Lower Upper

128 100

127 14.5 10.6 16.0

129 12.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 7.149 ug/L

RT: 15.560 min Scan# 2240

Delta R.T. 0.012 min

Lab File: VW023122.D

Acq: 18 May 2022 11:21

Tgt Ion:180 Resp: 3389

Ion Ratio Lower Upper

180 100

182 82.5 73.5 110.3

145 41.7 27.9 41.9

