

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025777.D
 Acq On : 01 May 2023 14:30
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 02 01:36:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:30:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610688	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	548346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	257430	29.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.000%	
7) Chloroethane-d5	2.899	69	185980	28.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.960%	
11) 1,1-Dichloroethene-d2	4.021	65	119185	27.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.000%#	
21) 2-Butanone-d5	7.075	46	151843	53.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.160%	
24) Chloroform-d	7.648	84	475563	27.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.040%	
26) 1,2-Dichloroethane-d4	8.301	65	263719	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.920%	
32) Benzene-d6	8.276	84	992037	27.687	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.760%	
36) 1,2-Dichloropropane-d6	9.270	67	311105	27.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.560%	
41) Toluene-d8	10.319	98	894637	28.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.000%	
43) trans-1,3-Dichloroprop...	10.575	79	123432	26.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.240%	
47) 2-Hexanone-d5	10.922	63	105543	53.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.980%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234491	26.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.360%	
66) 1,2-Dichlorobenzene-d4	13.849	152	262061	26.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	216812	31.778	ug/L #	83
3) Chloromethane	2.223	50	271745	27.013	ug/L	99
5) Vinyl chloride	2.375	62	283489	27.226	ug/L	98
6) Bromomethane	2.790	94	146728	25.909	ug/L	94
8) Chloroethane	2.936	64	161030	27.198	ug/L	98
9) Trichlorofluoromethane	3.271	101	193642	24.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	226277	26.477	ug/L	99
12) 1,1-Dichloroethene	4.045	96	216402	26.496	ug/L	97
13) Acetone	4.119	43	116622	45.973	ug/L	99
14) Carbon disulfide	4.387	76	727903	26.354	ug/L	100
15) Methyl Acetate	4.667	43	131127	26.231	ug/L	100
16) Methylene chloride	4.917	84	288901	22.939	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	227062	25.484	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	354882	26.243	ug/L	99
19) 1,1-Dichloroethane	6.216	63	474812	25.937	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	247295	25.870	ug/L	99
22) 2-Butanone	7.167	43	170614	48.709	ug/L	100
23) Bromochloromethane	7.514	128	103710	25.610	ug/L	97
25) Chloroform	7.679	83	436845	25.964	ug/L	99

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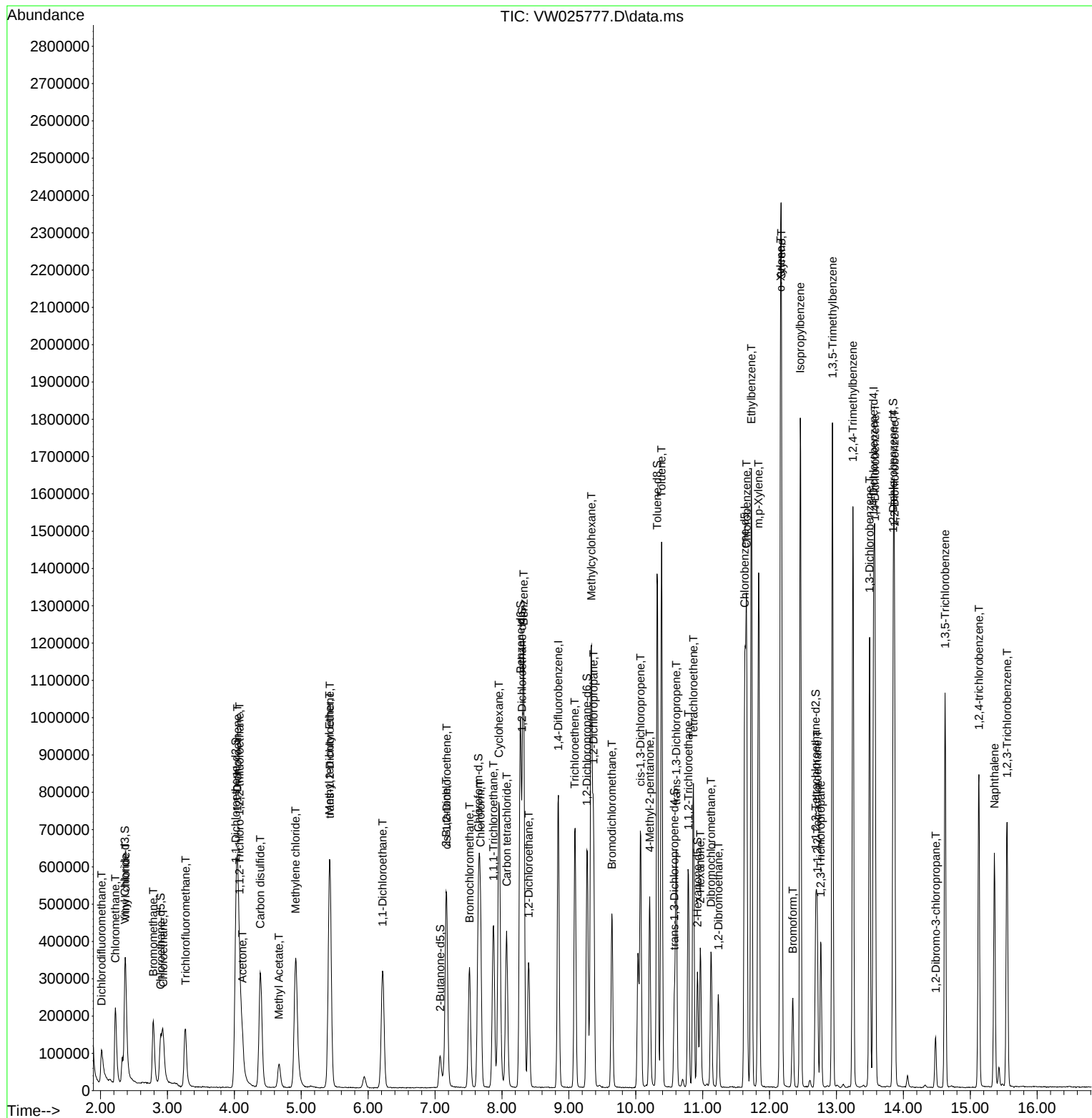
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	310667	26.000	ug/L	100
29) Cyclohexane	7.953	56	457811	26.941	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	354939	26.468	ug/L	99
31) Carbon tetrachloride	8.069	117	315685	26.158	ug/L	98
33) Benzene	8.325	78	989212	26.075	ug/L	100
34) Trichloroethene	9.087	95	249788	25.659	ug/L	95
35) Methylcyclohexane	9.337	83	453783	26.208	ug/L	100
37) 1,2-Dichloropropane	9.368	63	267862	25.771	ug/L	100
38) Bromodichloromethane	9.642	83	309381	25.945	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	396002	25.980	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	355391	52.530	ug/L	100
42) Toluene	10.386	91	1014427	26.169	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	334716	26.502	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	179761	25.854	ug/L	97
46) Tetrachloroethene	10.861	164	173595	25.347	ug/L	98
48) 2-Hexanone	10.965	43	250372	51.658	ug/L	99
49) Dibromochloromethane	11.123	129	188884	26.241	ug/L	95
50) 1,2-Dibromoethane	11.233	107	165672	25.847	ug/L	98
51) Chlorobenzene	11.654	112	603224	25.120	ug/L	99
52) Ethylbenzene	11.727	91	1149064	26.352	ug/L	100
53) m,p-Xylene	11.837	106	423279	26.375	ug/L	93
54) o-Xylene	12.166	106	395698	26.159	ug/L	94
55) Styrene	12.178	104	696006	26.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	221272	25.505	ug/L	98
59) Bromoform	12.349	173	103412	25.988	ug/L	99
60) Isopropylbenzene	12.459	105	1128375	27.633	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	163541	25.759	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	902573	27.906	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	812048	27.208	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	449111	25.549	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	451020	25.396	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	414643	26.449	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	36340	24.684	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	290507	24.897	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	242906	24.848	ug/L	99
71) Naphthalene	15.361	128	495990	26.882	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223876	25.811	ug/L	97

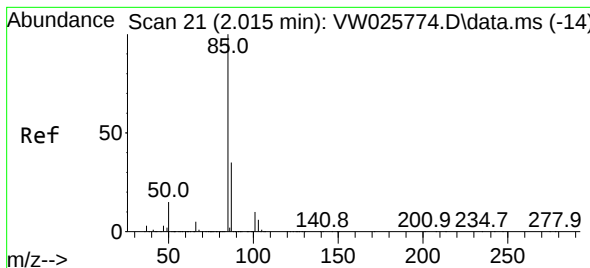
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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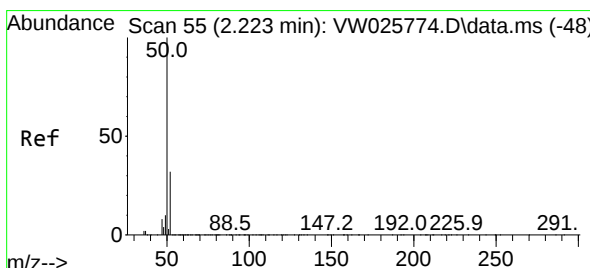
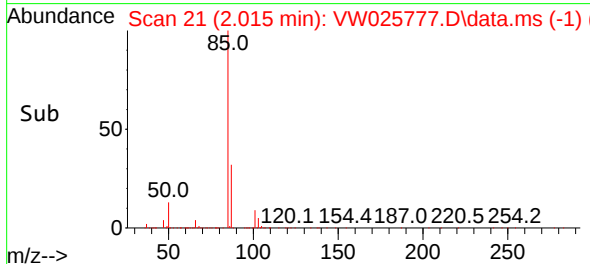
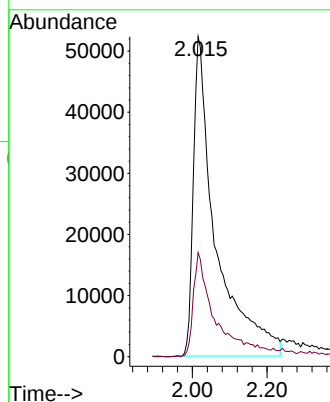
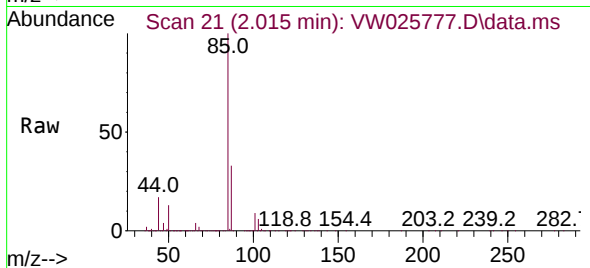




#2
Dichlorodifluoromethane
Concen: 31.778 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

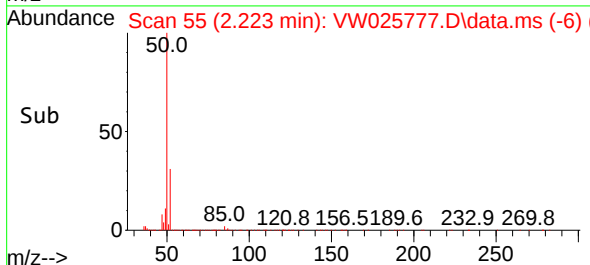
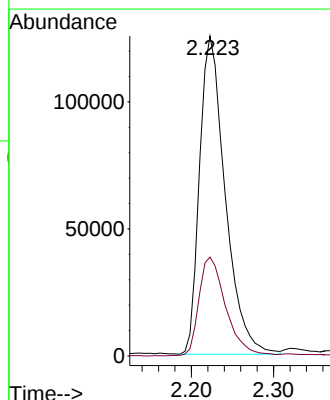
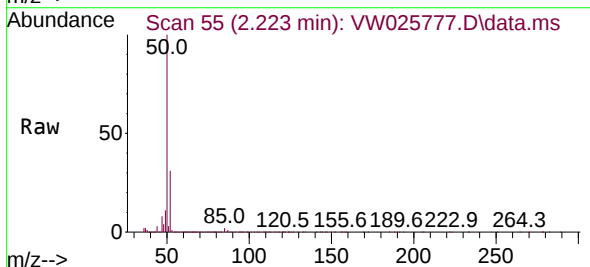
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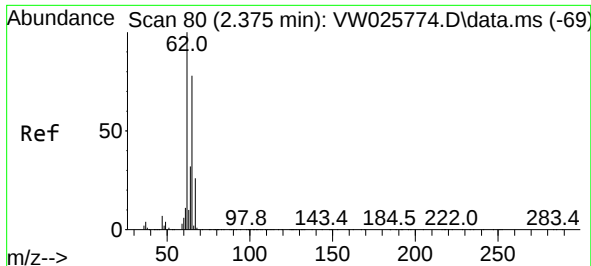
Tgt Ion: 85 Resp: 216812
Ion Ratio Lower Upper
85 100
87 21.5 24.7 37.1#



#3
Chloromethane
Concen: 27.013 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

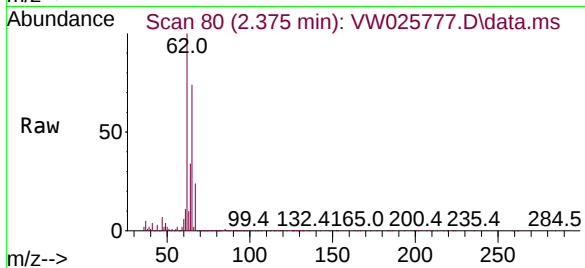
Tgt Ion: 50 Resp: 271745
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1



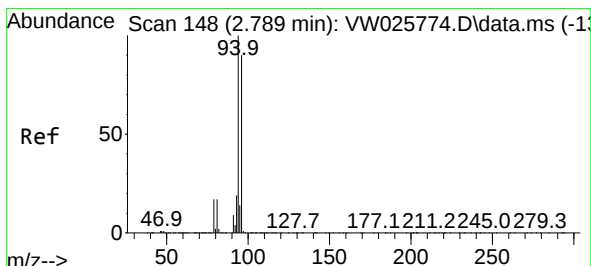
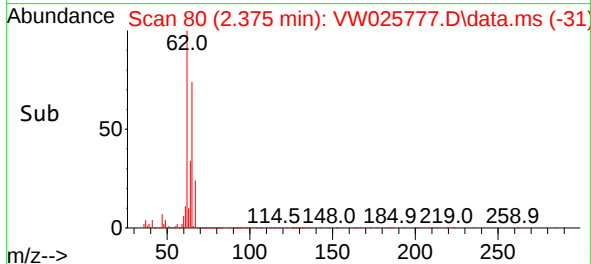
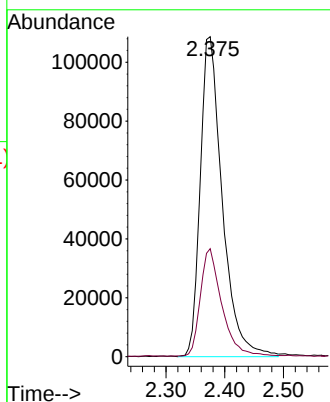


#5
 Vinyl chloride
 Concen: 27.226 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025777.D
 Acq: 01 May 2023 14:30

Instrument :
 MSVOA_W
 ClientSampleId :

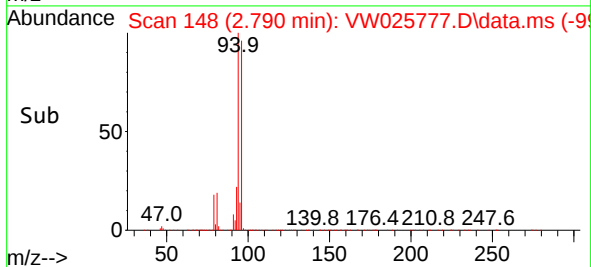
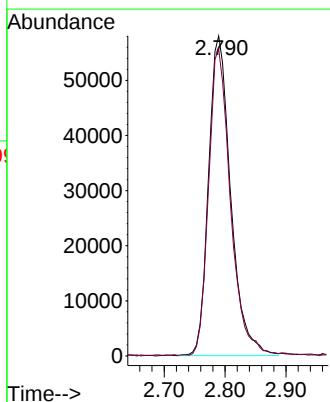
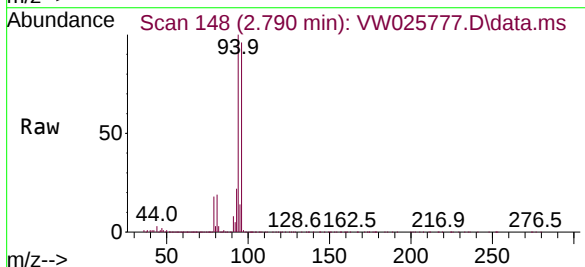


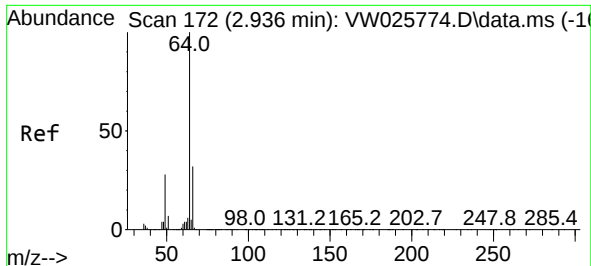
Tgt Ion: 62 Resp: 283489
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.3



#6
 Bromomethane
 Concen: 25.909 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025777.D
 Acq: 01 May 2023 14:30

Tgt Ion: 94 Resp: 146728
 Ion Ratio Lower Upper
 94 100
 96 96.0 63.1 117.1

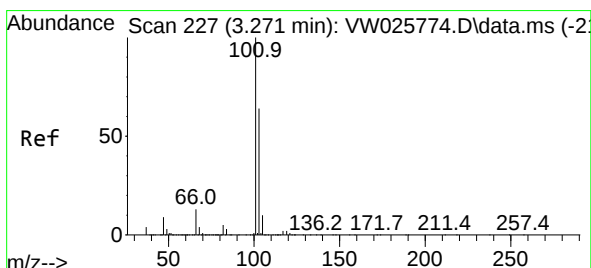
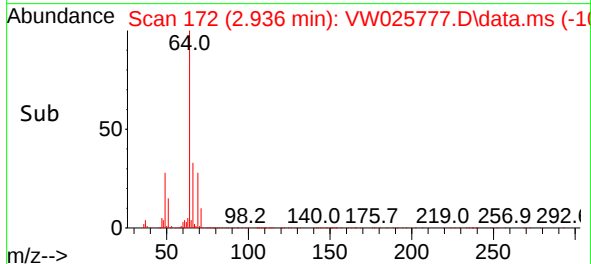
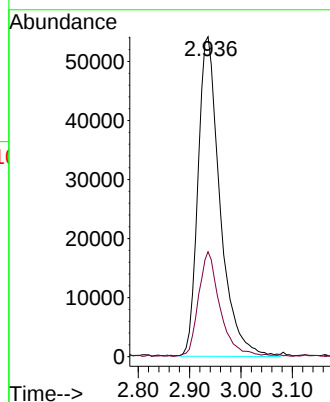
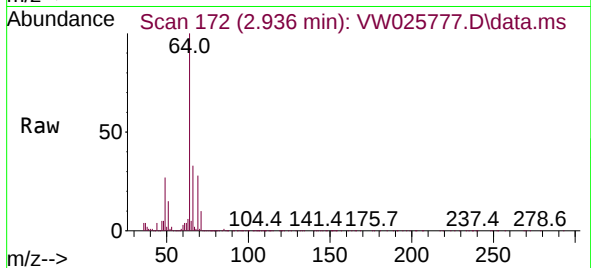




#8
Chloroethane
Concen: 27.198 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

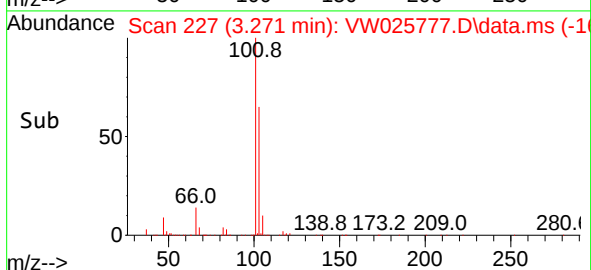
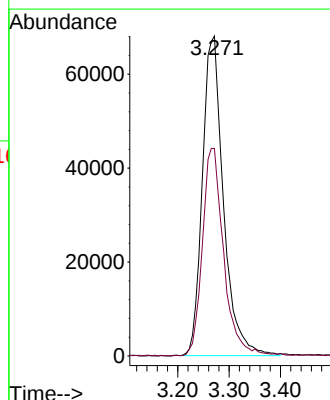
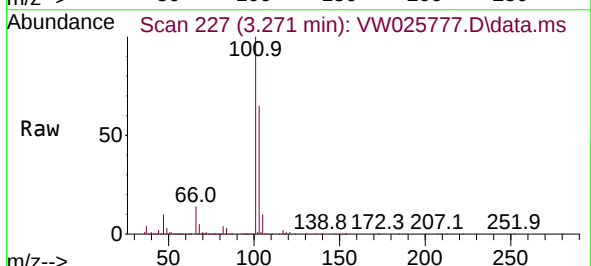
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MSVOA_W
ClientSampleId :

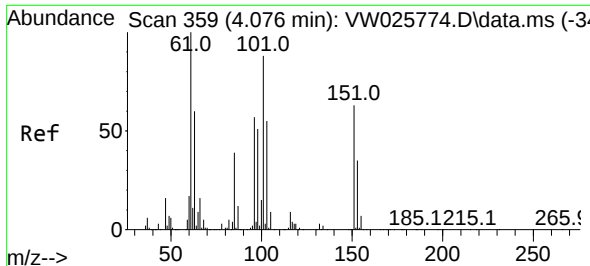
Tgt Ion: 64 Resp: 161030
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.643 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 101 Resp: 193642
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0

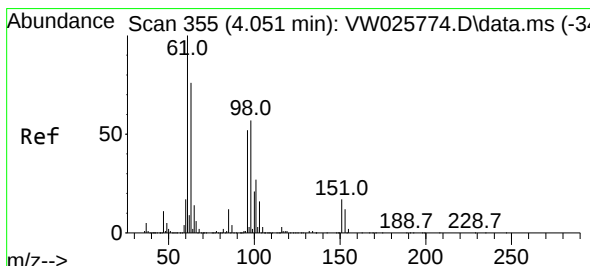
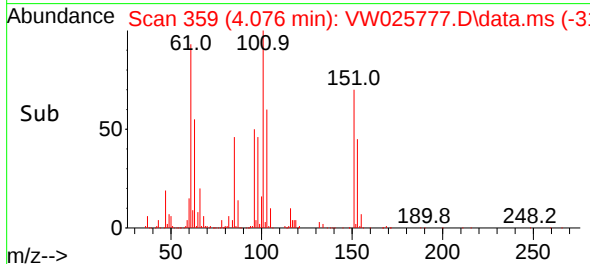
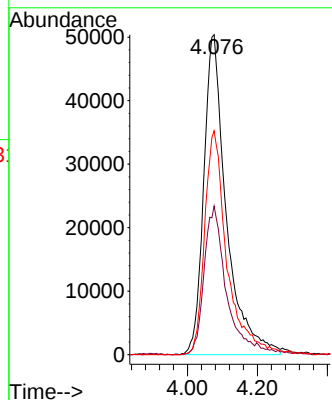
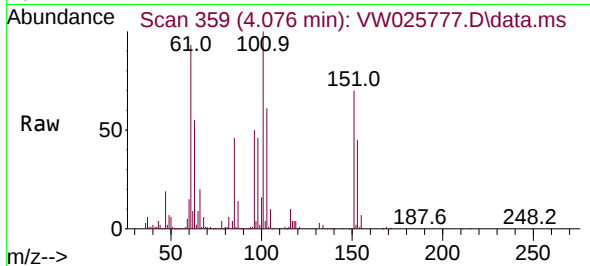




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.477 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025777.D
 Acq: 01 May 2023 14:30

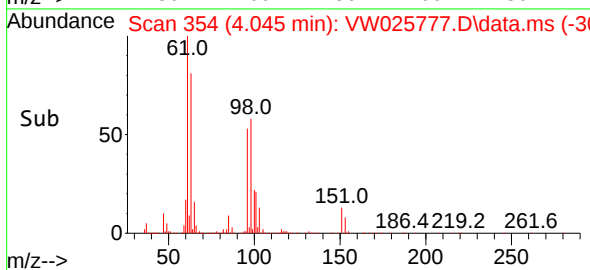
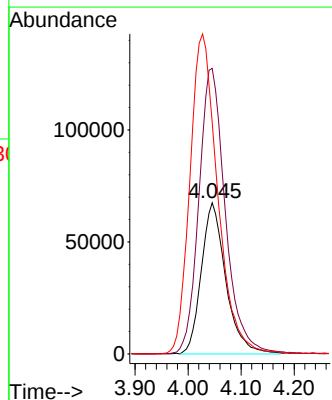
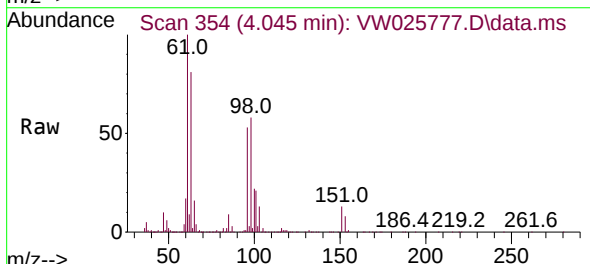
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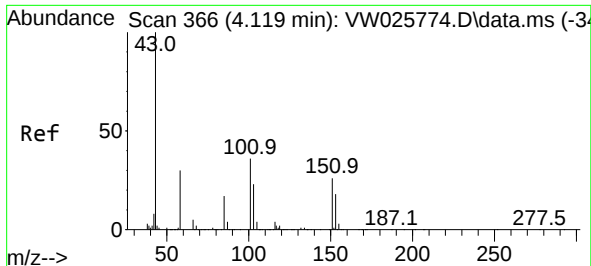
Tgt Ion:101 Resp: 226277
 Ion Ratio Lower Upper
 101 100
 85 44.0 33.9 50.9
 151 67.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.496 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025777.D
 Acq: 01 May 2023 14:30

Tgt Ion: 96 Resp: 216402
 Ion Ratio Lower Upper
 96 100
 61 188.8 135.0 250.8
 63 153.2 104.9 194.7

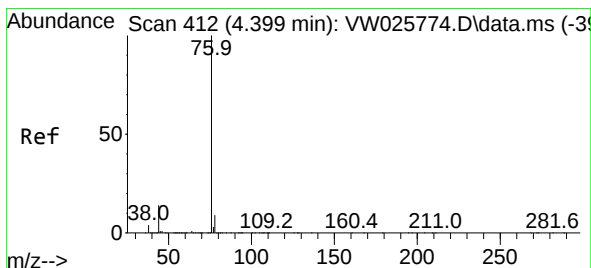
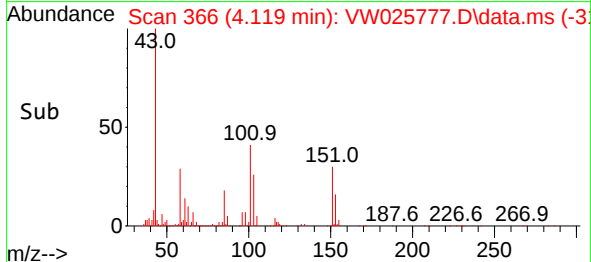
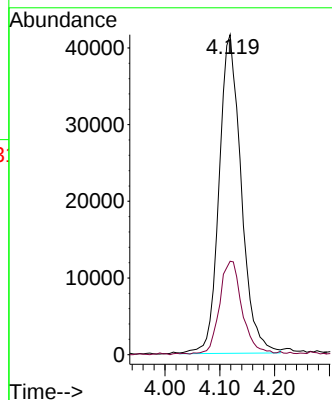
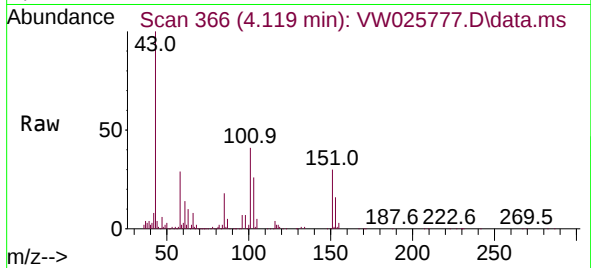




#13
Acetone
Concen: 45.973 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW025777.D
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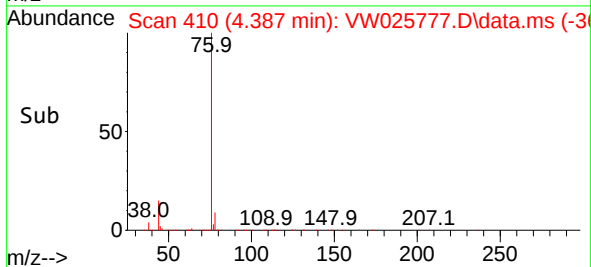
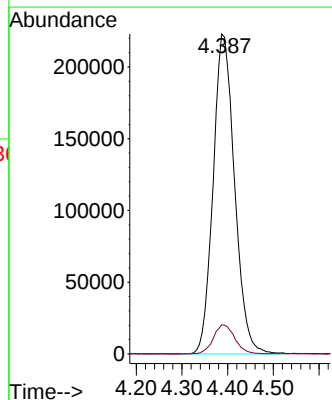
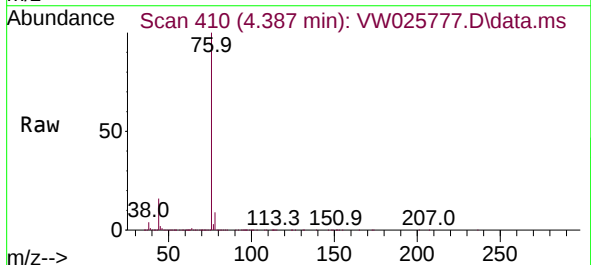
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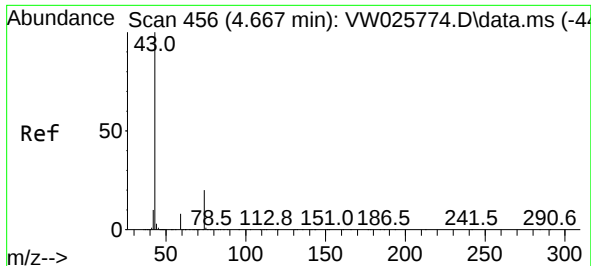
Tgt Ion: 43 Resp: 116622
Ion Ratio Lower Upper
43 100
58 29.5 0.0 58.2



#14
Carbon disulfide
Concen: 26.354 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 76 Resp: 727903
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

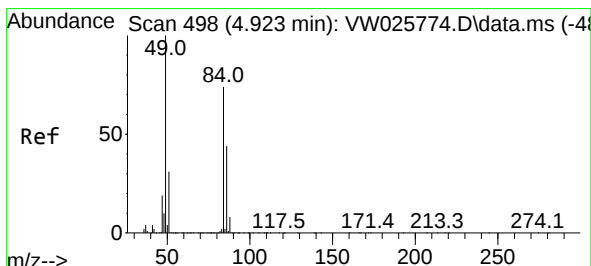
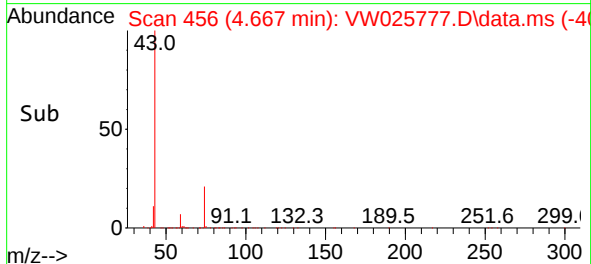
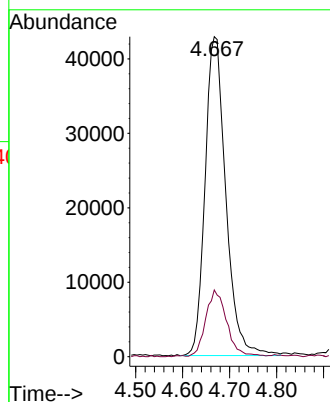
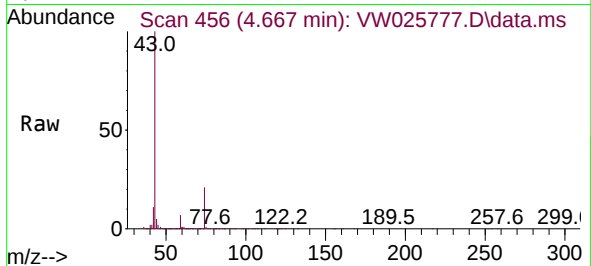




#15
Methyl Acetate
Concen: 26.231 ug/L
RT: 4.667 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

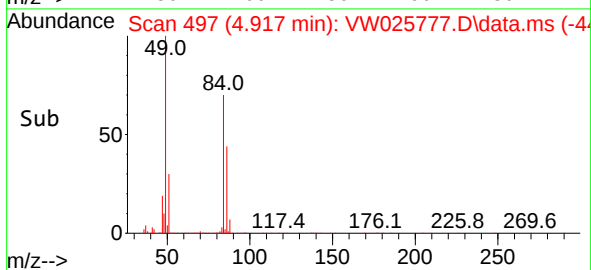
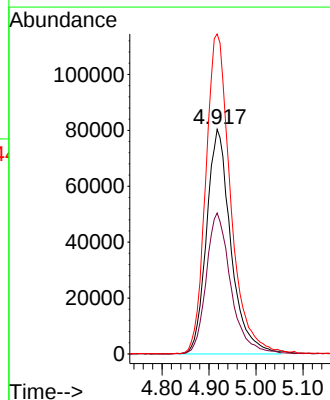
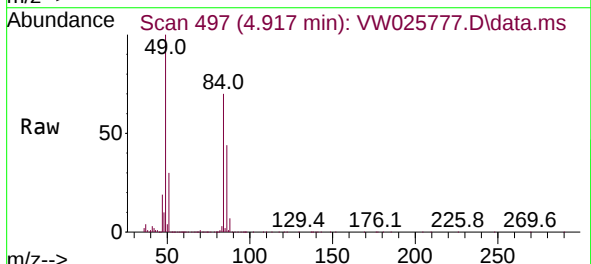
Instrument :
MSVOA_W
ClientSampleId :

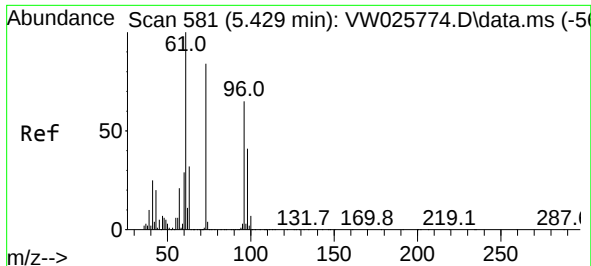
Tgt Ion: 43 Resp: 131127
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7



#16
Methylene chloride
Concen: 22.939 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

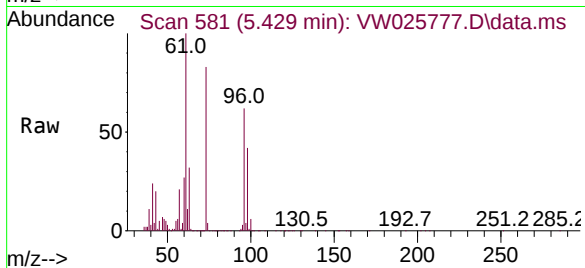
Tgt Ion: 84 Resp: 288901
Ion Ratio Lower Upper
84 100
86 62.7 41.7 77.5
49 142.4 95.3 177.1





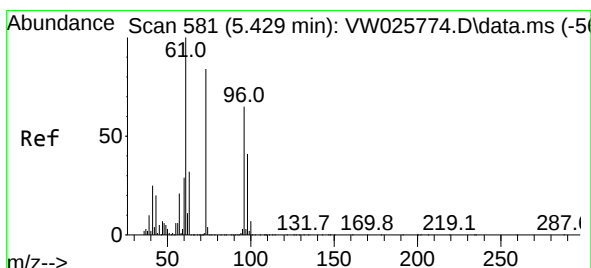
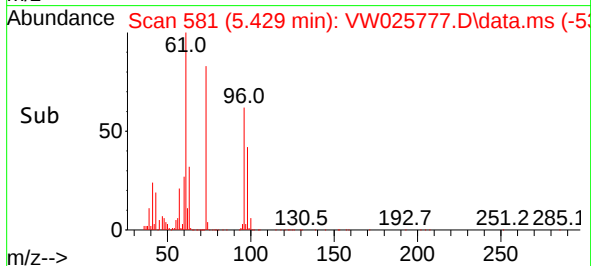
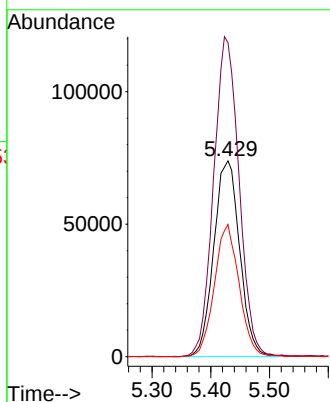
#17
trans-1,2-Dichloroethene
Concen: 25.484 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 227062

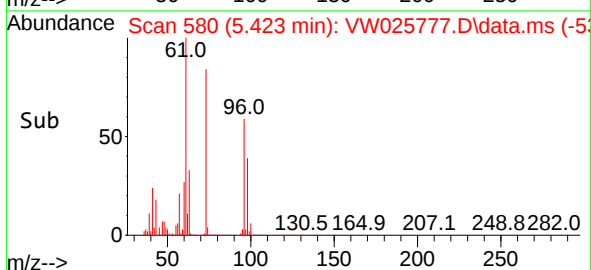
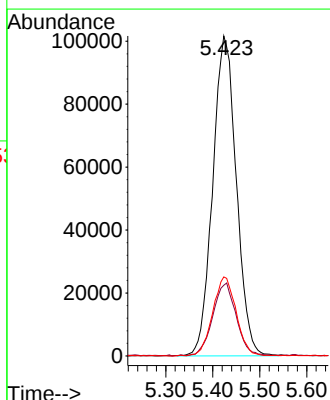
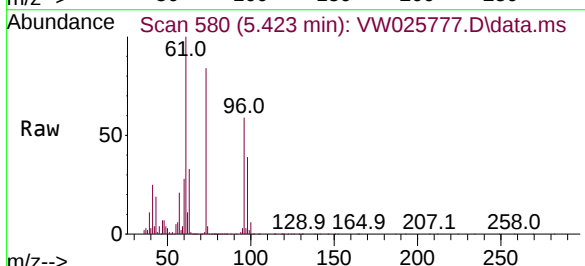
Ion	Ratio	Lower	Upper
96	100		
61	160.4	108.1	200.9
98	67.5	44.0	81.8

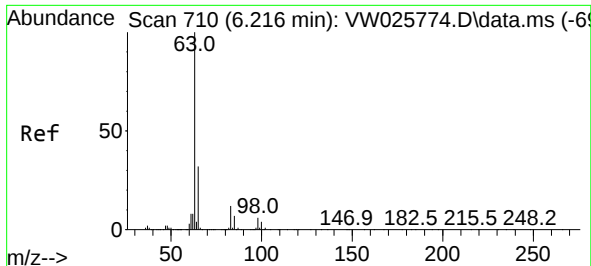


#18
Methyl tert-butyl Ether
Concen: 26.243 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 73 Resp: 354882

Ion	Ratio	Lower	Upper
73	100		
43	22.4	18.2	27.4
57	24.3	19.2	28.8





#19

1,1-Dichloroethane

Concen: 25.937 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

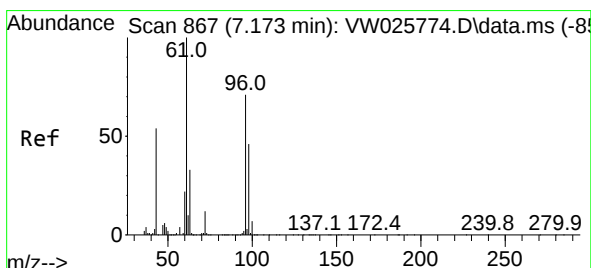
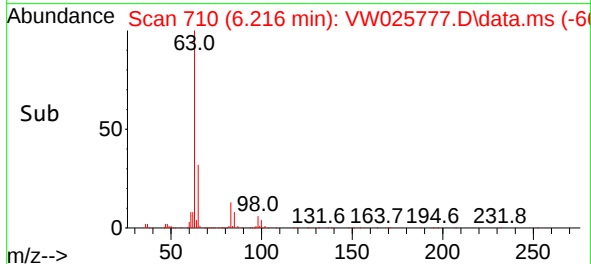
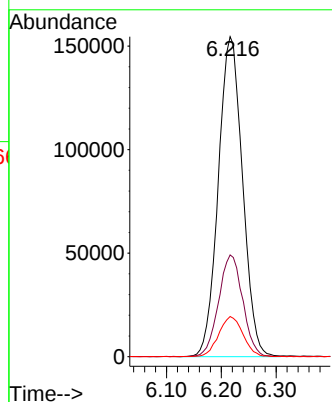
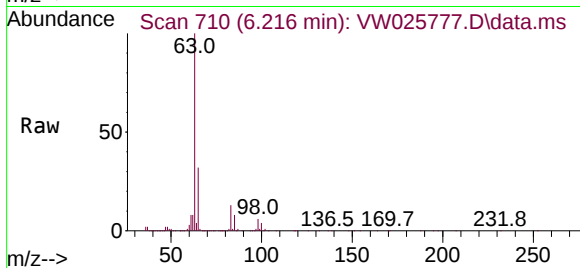
Tgt Ion: 63 Resp: 474812

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 12.6 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.870 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

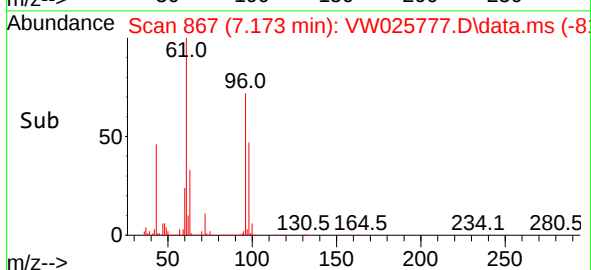
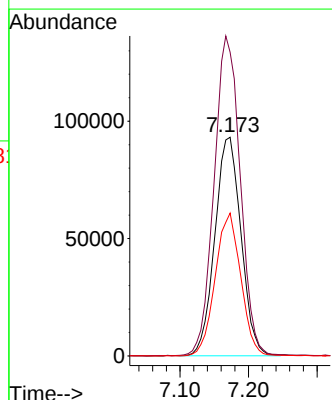
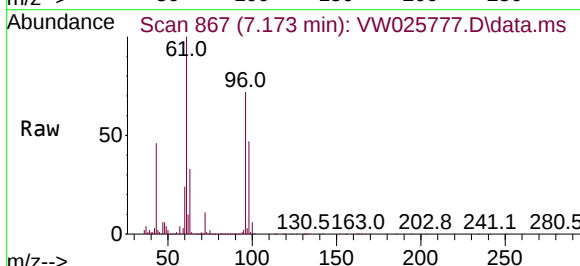
Tgt Ion: 96 Resp: 247295

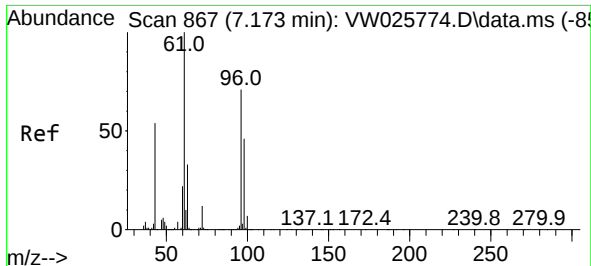
Ion Ratio Lower Upper

96 100

61 138.8 98.6 183.0

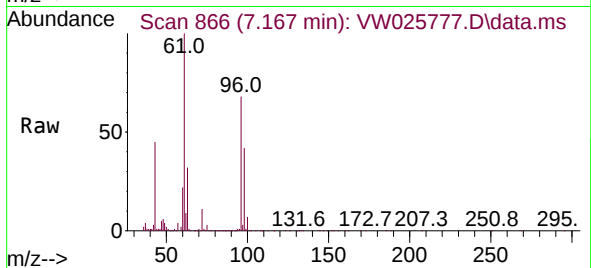
98 65.3 45.2 84.0



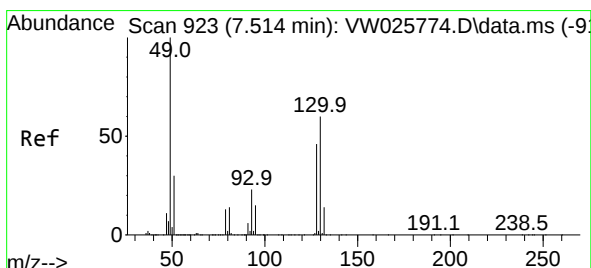
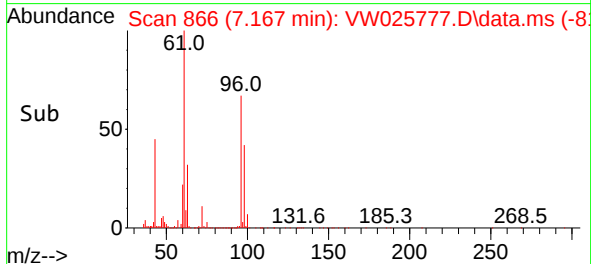
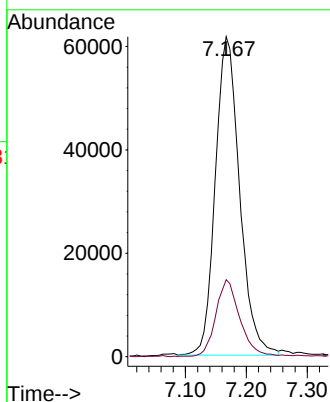


#22
2-Butanone
Concen: 48.709 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Instrument :
MSVOA_W
ClientSampleId :

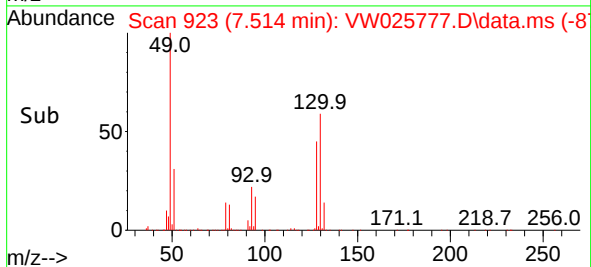
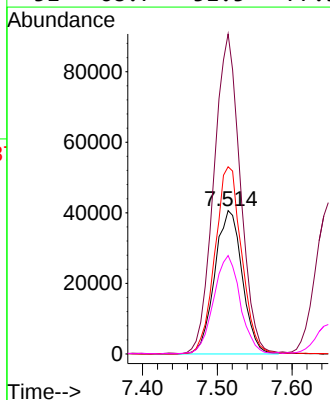
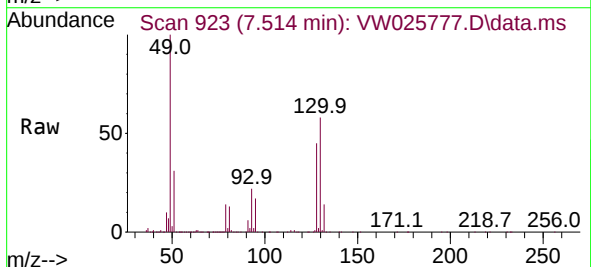


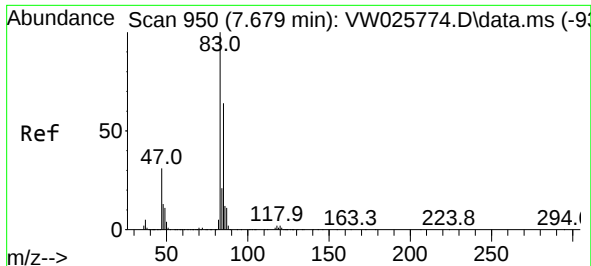
Tgt Ion: 43 Resp: 170614
Ion Ratio Lower Upper
43 100
72 23.8 11.8 35.4



#23
Bromochloromethane
Concen: 25.610 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion:128 Resp: 103710
Ion Ratio Lower Upper
128 100
49 223.2 151.5 281.5
130 130.5 91.3 169.6
51 68.7 51.5 77.3

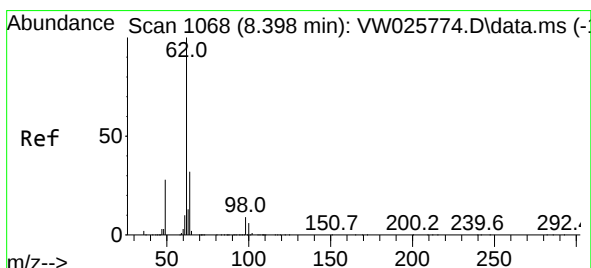
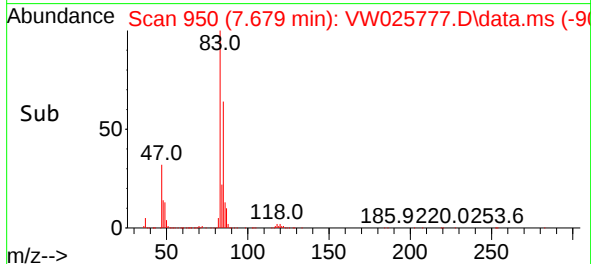
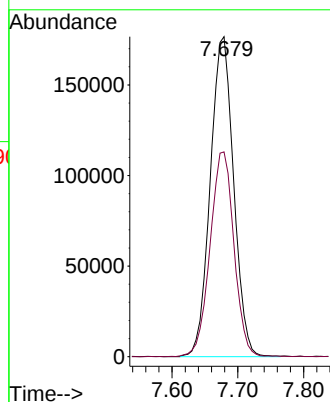
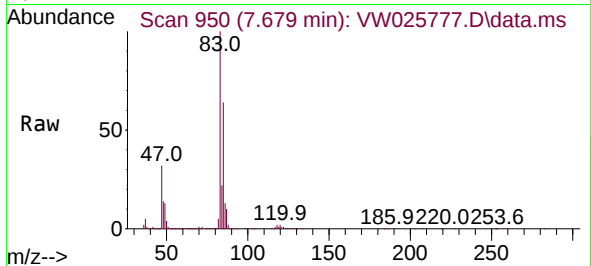




#25
Chloroform
Concen: 25.964 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

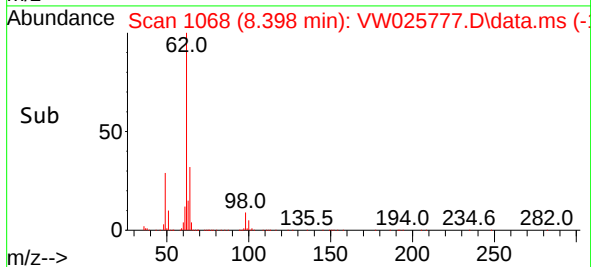
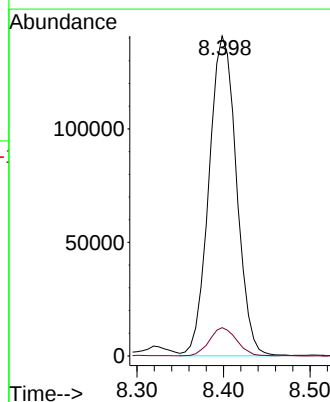
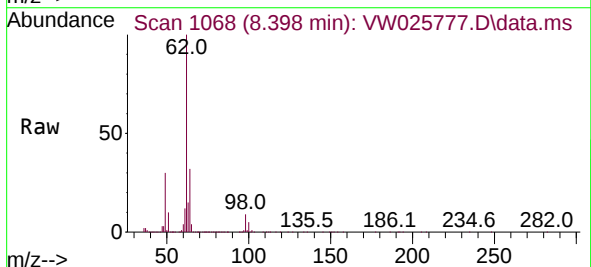
Instrument :
MSVOA_W
ClientSampleId :

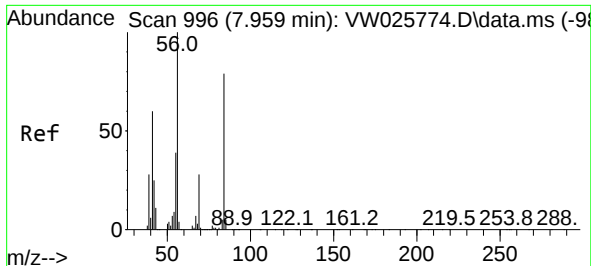
Tgt Ion: 83 Resp: 436845
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.000 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 62 Resp: 310667
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 26.941 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

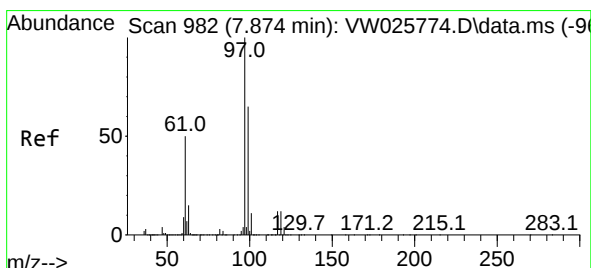
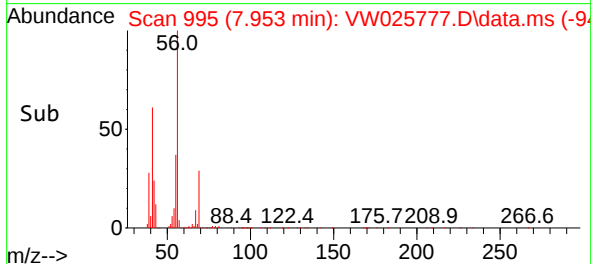
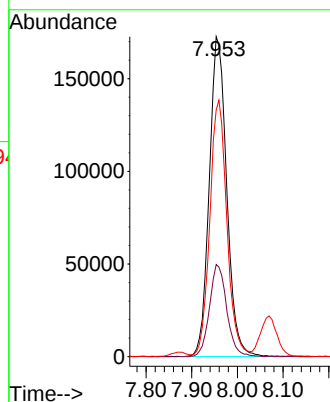
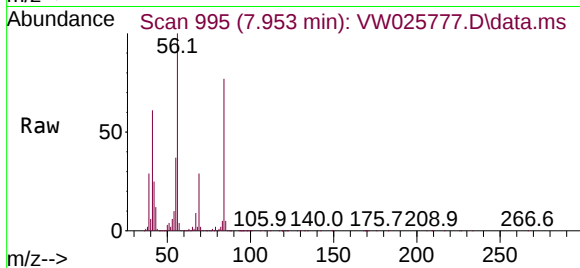
Tgt Ion: 56 Resp: 457811

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 78.5 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 26.468 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

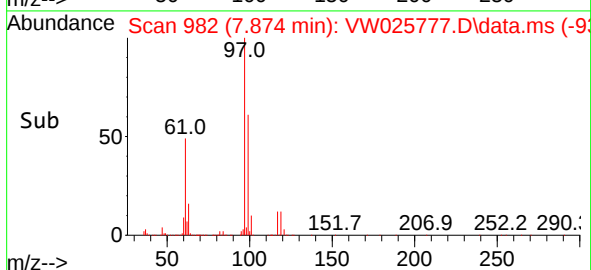
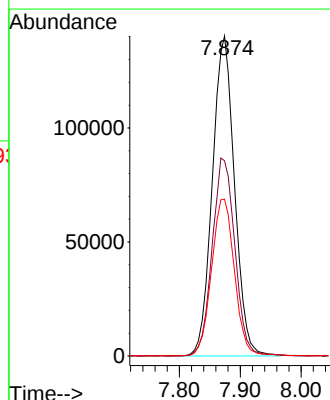
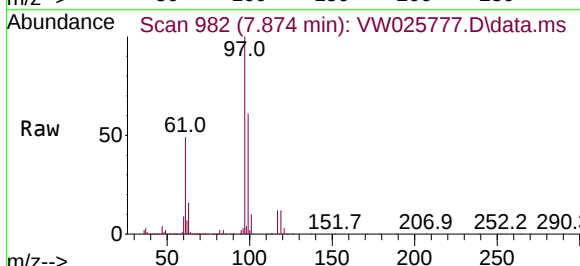
Tgt Ion: 97 Resp: 354939

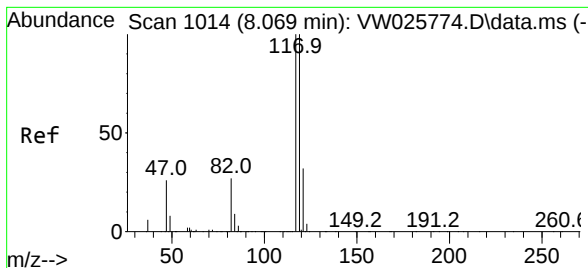
Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 50.7 40.4 60.6





#31

Carbon tetrachloride

Concen: 26.158 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

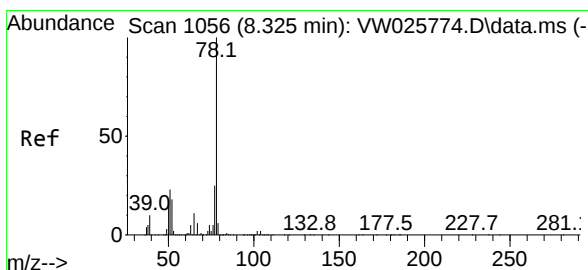
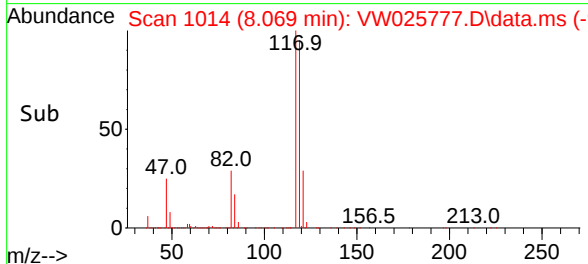
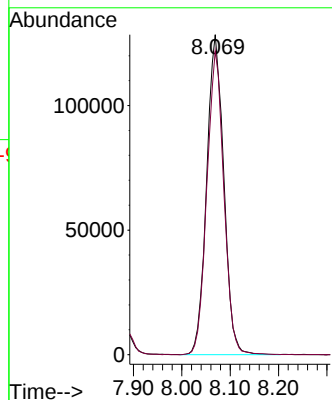
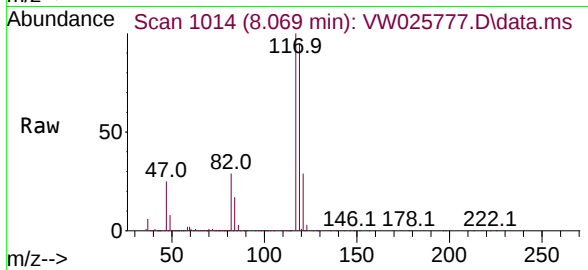
ClientSampleId :

Tgt Ion:117 Resp: 315685

Ion Ratio Lower Upper

117 100

119 94.2 76.9 115.3



#33

Benzene

Concen: 26.075 ug/L

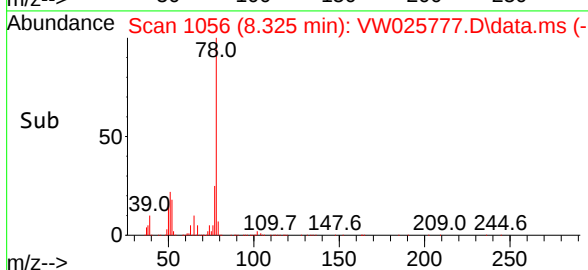
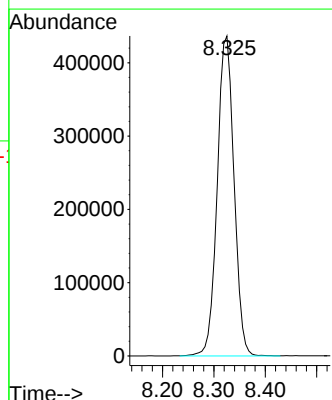
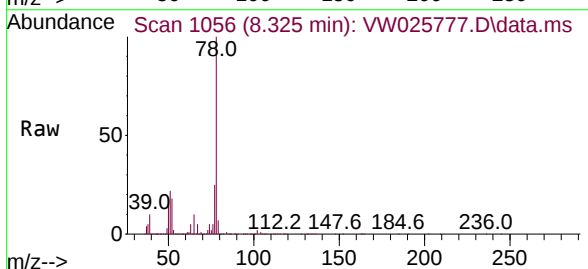
RT: 8.325 min Scan# 1056

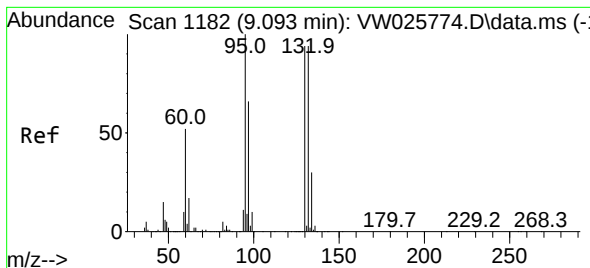
Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Tgt Ion: 78 Resp: 989212





#34

Trichloroethene

Concen: 25.659 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

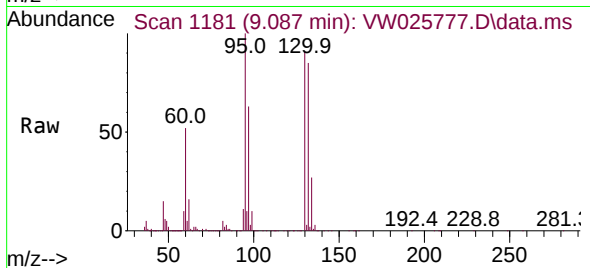
Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 249788

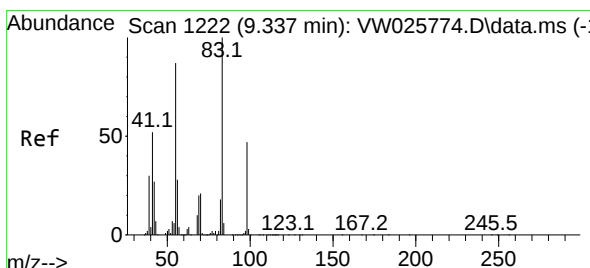
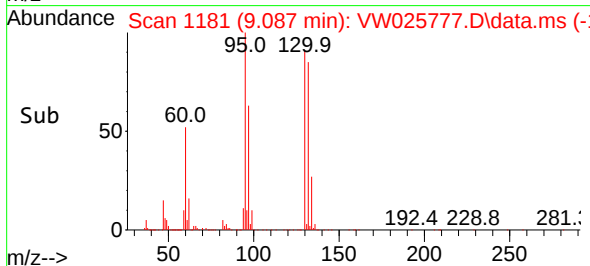
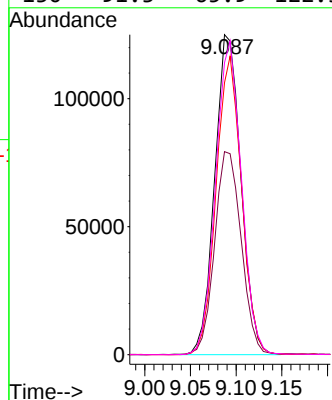
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 85.0 66.0 122.6

130 91.3 65.9 122.3



#35

Methylcyclohexane

Concen: 26.208 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

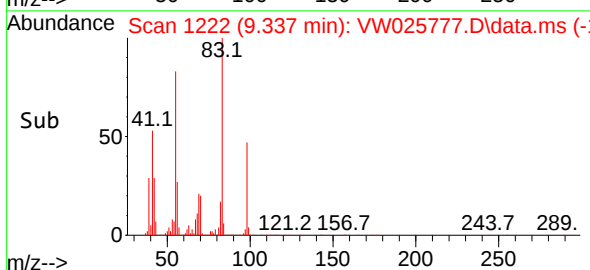
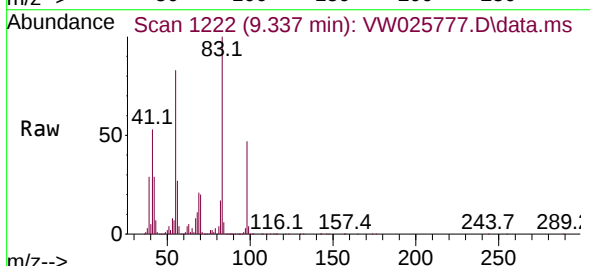
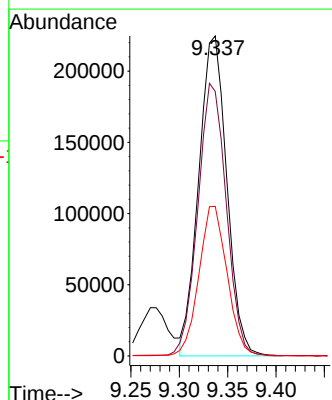
Tgt Ion: 83 Resp: 453783

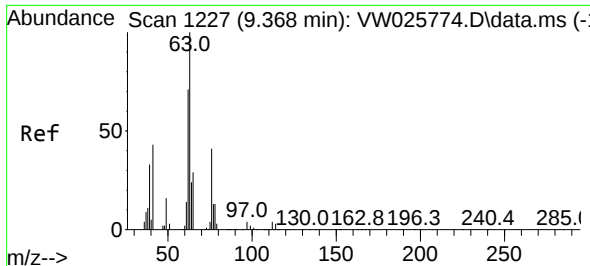
Ion Ratio Lower Upper

83 100

55 86.3 69.0 103.4

98 47.2 37.1 55.7





#37

1,2-Dichloropropane

Concen: 25.771 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

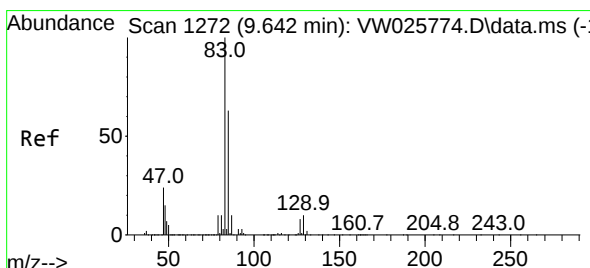
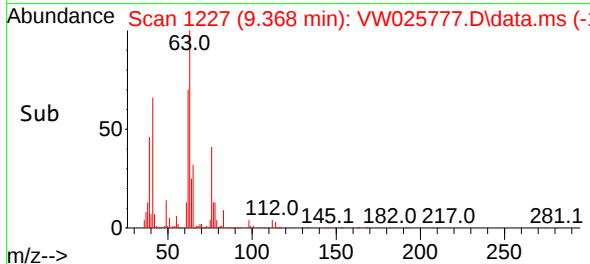
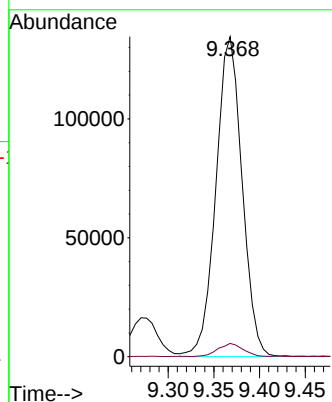
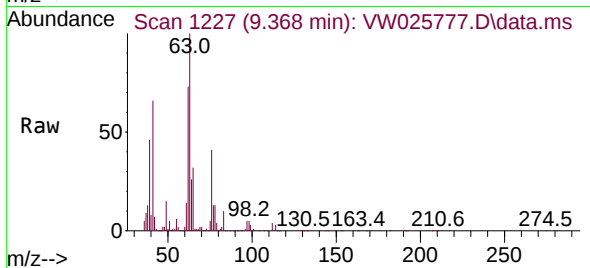
ClientSampleId :

Tgt Ion: 63 Resp: 267862

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 25.945 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

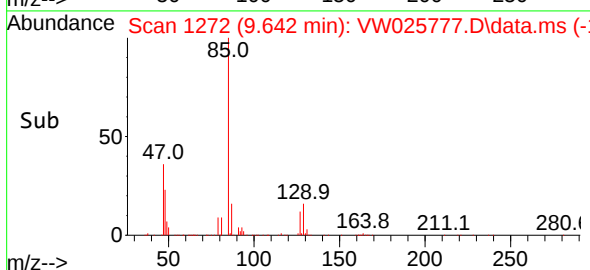
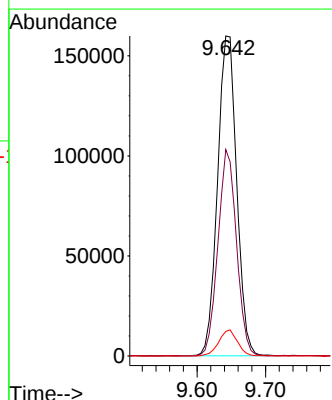
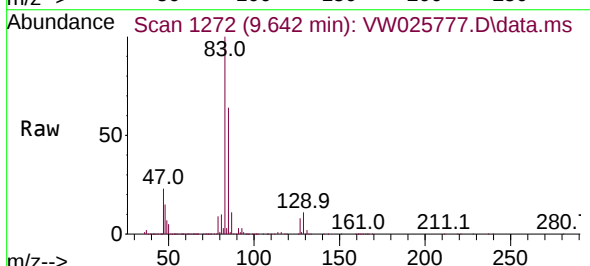
Tgt Ion: 83 Resp: 309381

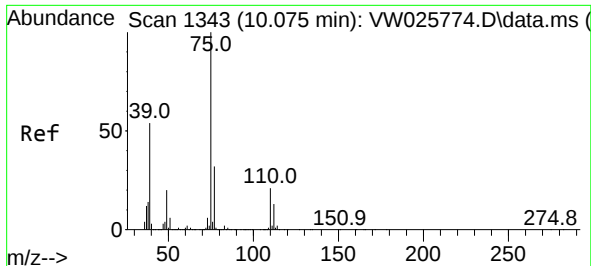
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.5

127 7.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.980 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

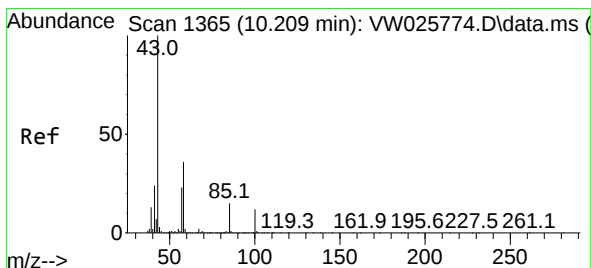
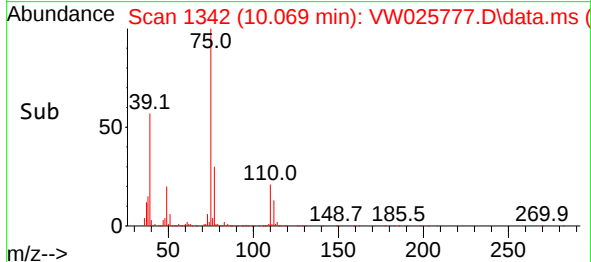
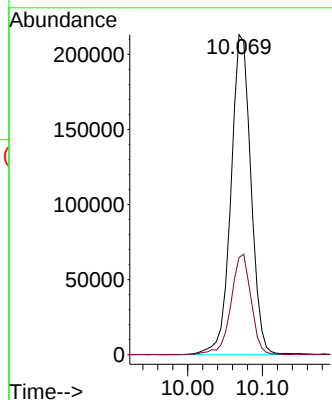
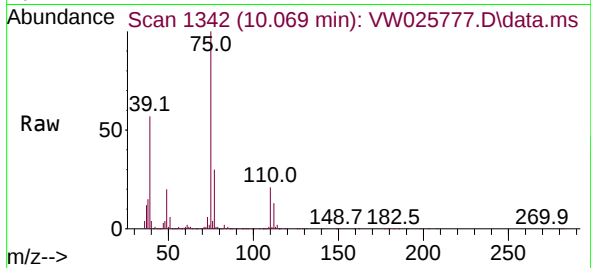
ClientSampleId :

Tgt Ion: 75 Resp: 396002

Ion Ratio Lower Upper

75 100

77 30.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 52.530 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

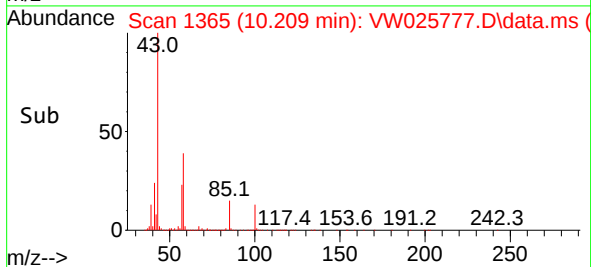
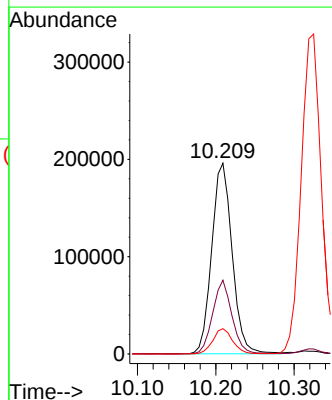
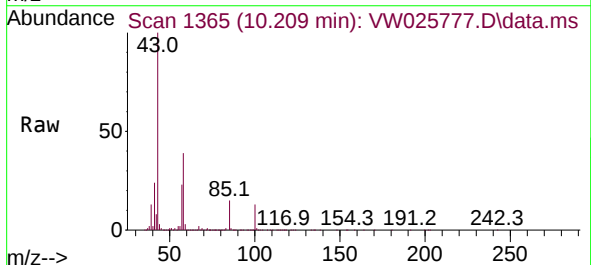
Tgt Ion: 43 Resp: 355391

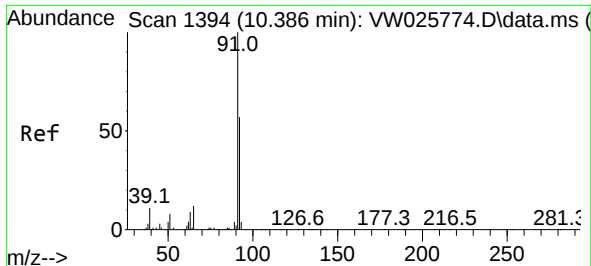
Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.0

100 13.0 10.1 15.1

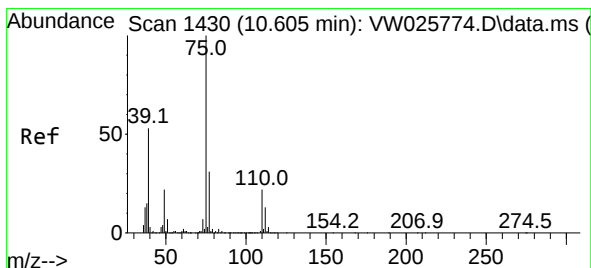
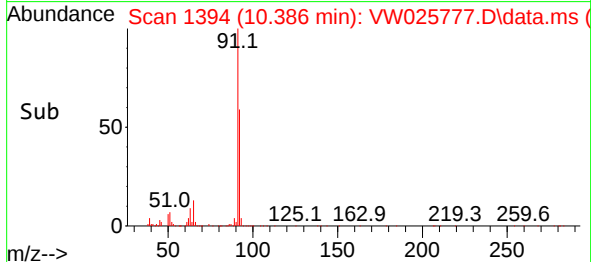
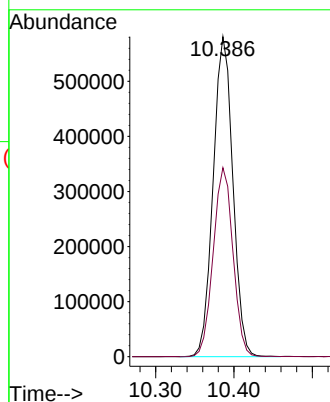
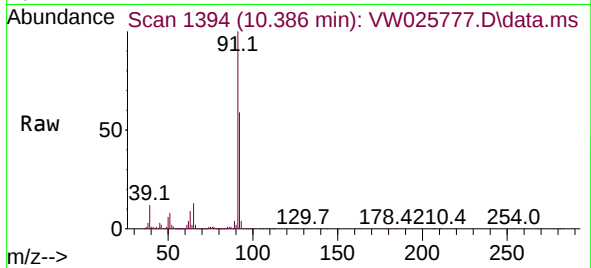




#42
Toluene
Concen: 26.169 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

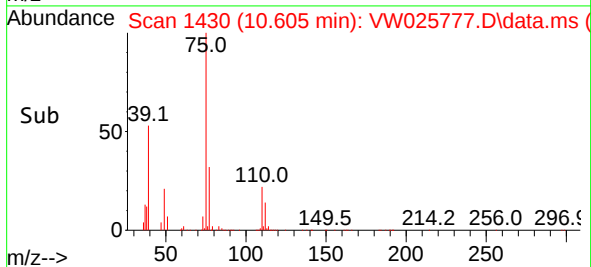
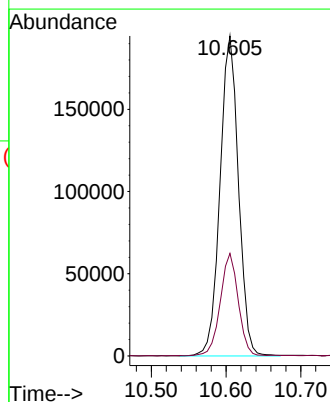
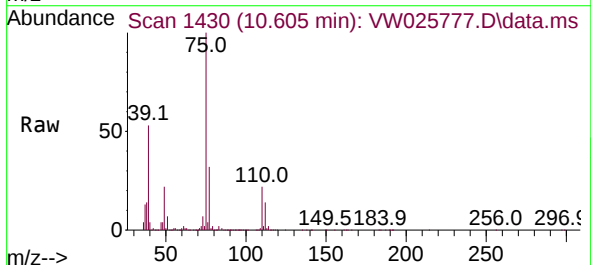
Instrument :
MSVOA_W
ClientSampleId :

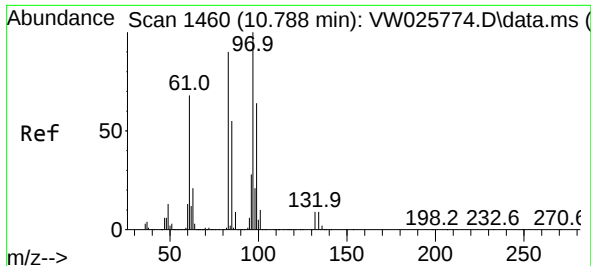
Tgt Ion: 91 Resp: 1014427
Ion Ratio Lower Upper
91 100
92 59.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 26.502 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

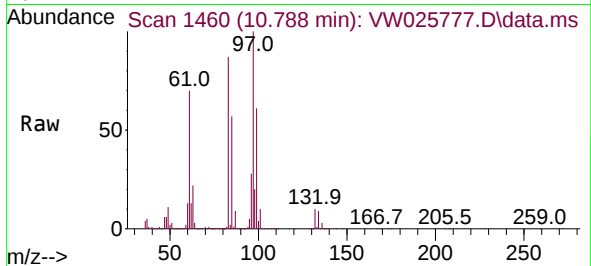
Tgt Ion: 75 Resp: 334716
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



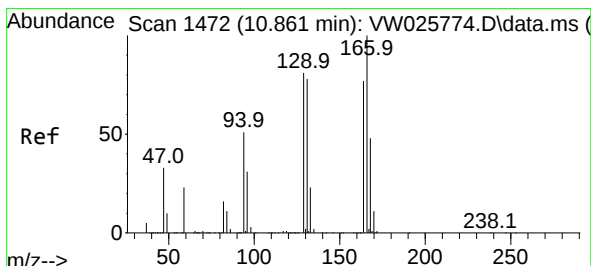
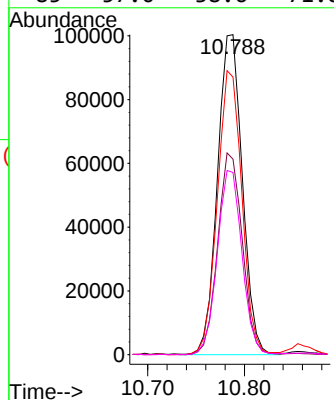
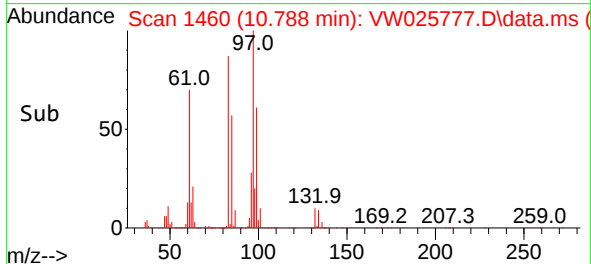


#45
1,1,2-Trichloroethane
Concen: 25.854 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

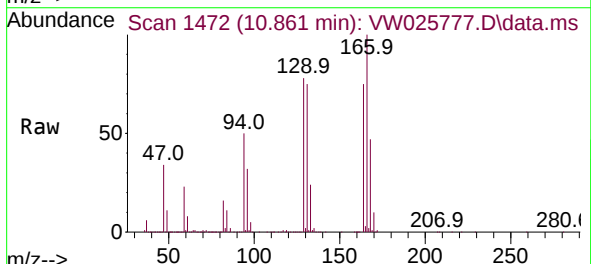
Instrument :
MSVOA_W
ClientSampleId :



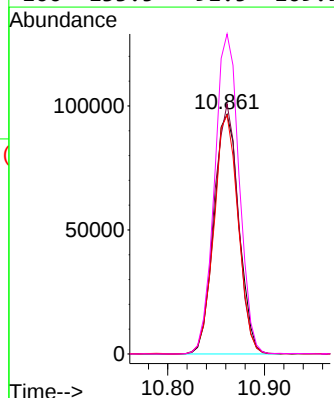
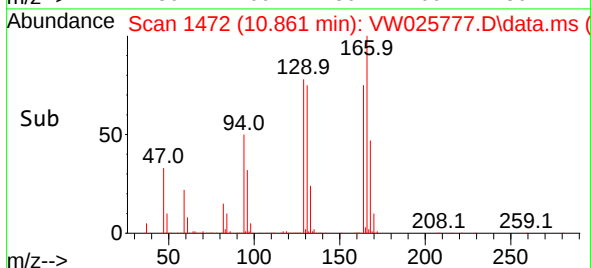
Tgt Ion:	97	Resp:	179761
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.5	82.7
83	86.7	63.0	117.0
85	57.0	38.6	71.8

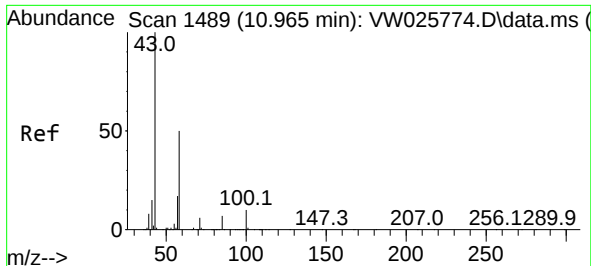


#46
Tetrachloroethene
Concen: 25.347 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30



Tgt Ion:	164	Resp:	173595
Ion	Ratio	Lower	Upper
164	100		
129	104.2	74.3	138.1
131	99.7	71.3	132.3
166	133.5	91.5	169.9



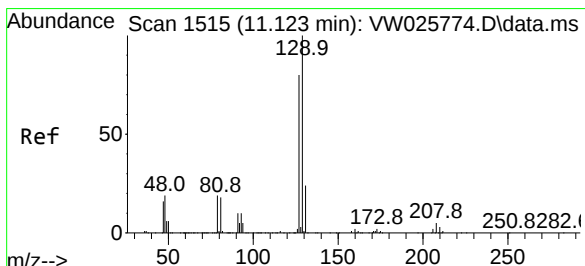
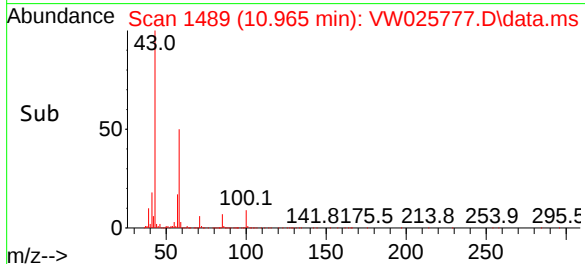
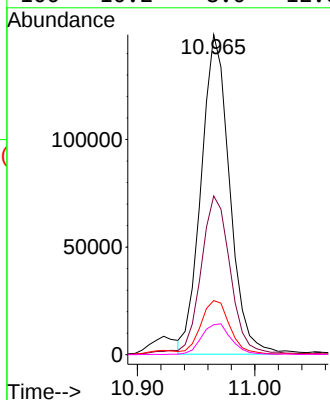
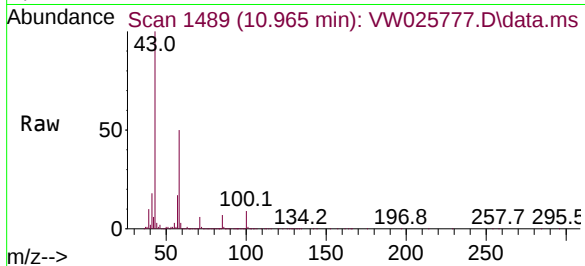


#48
2-Hexanone
Concen: 51.658 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 250372

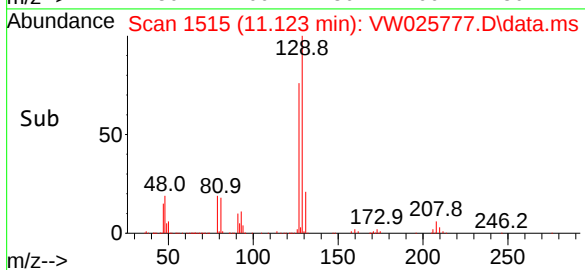
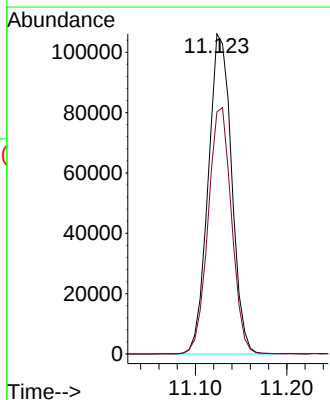
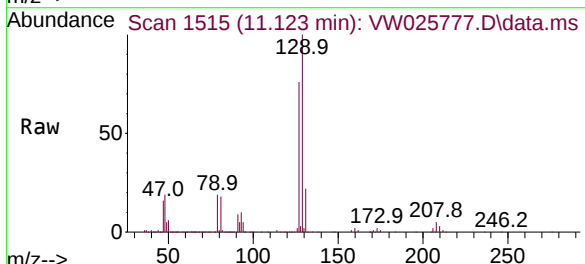
Ion	Ratio	Lower	Upper
43	100		
58	52.1	40.8	61.2
57	17.3	13.6	20.4
100	10.2	8.0	12.0

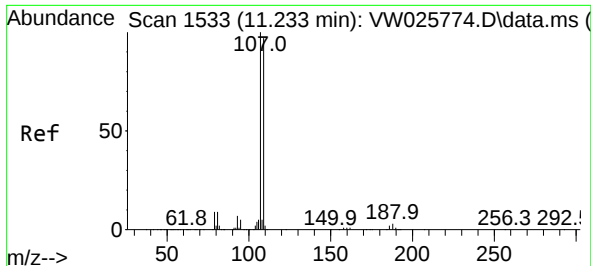


#49
Dibromochloromethane
Concen: 26.241 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 129 Resp: 188884

Ion	Ratio	Lower	Upper
129	100		
127	75.7	56.1	104.3





#50

1,2-Dibromoethane

Concen: 25.847 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

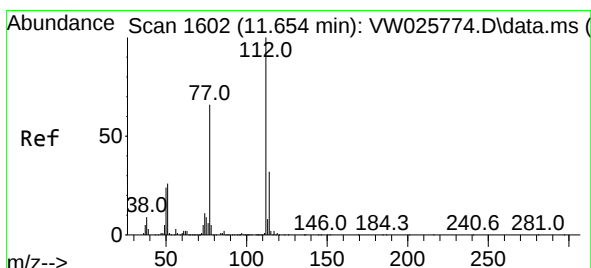
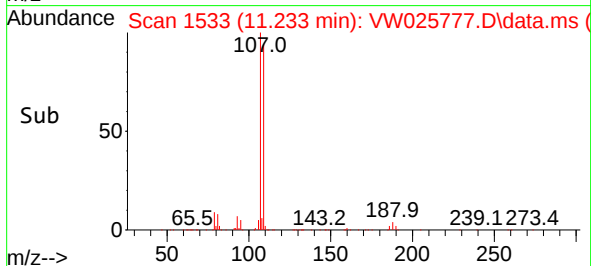
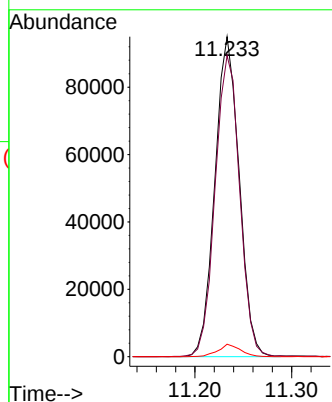
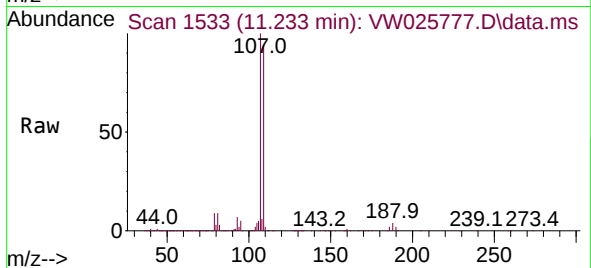
Tgt Ion:107 Resp: 165672

Ion Ratio Lower Upper

107 100

109 94.1 67.5 125.4

188 3.9 2.6 4.0



#51

Chlorobenzene

Concen: 25.120 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

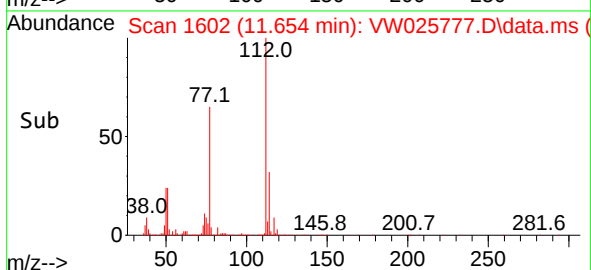
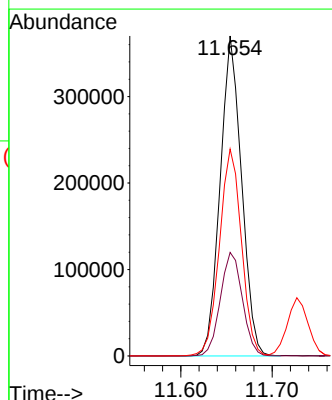
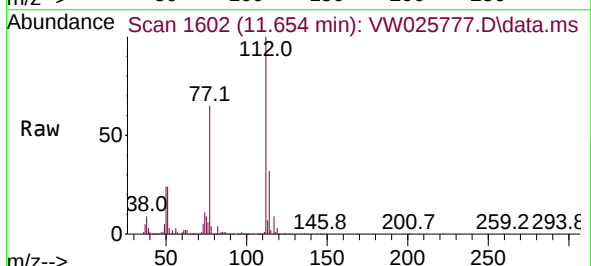
Tgt Ion:112 Resp: 603224

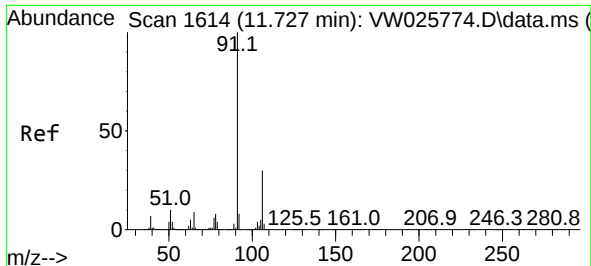
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 64.7 53.0 79.6

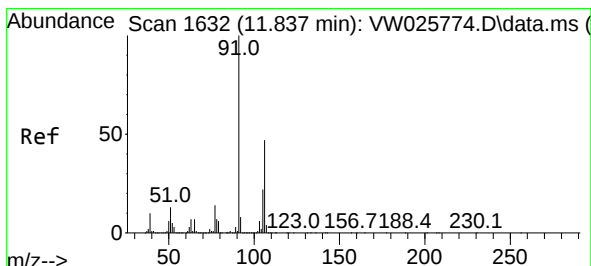
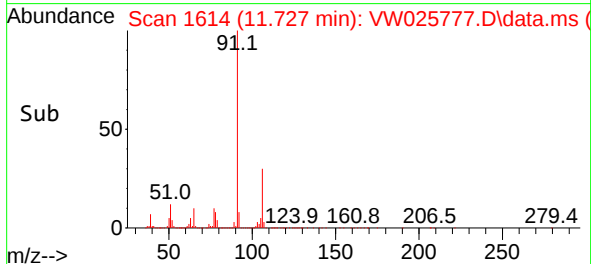
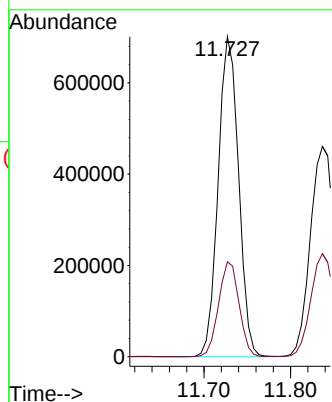
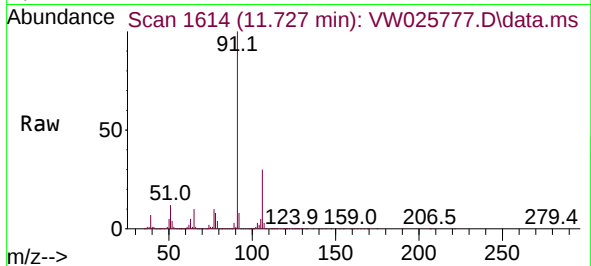




#52
Ethylbenzene
Concen: 26.352 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

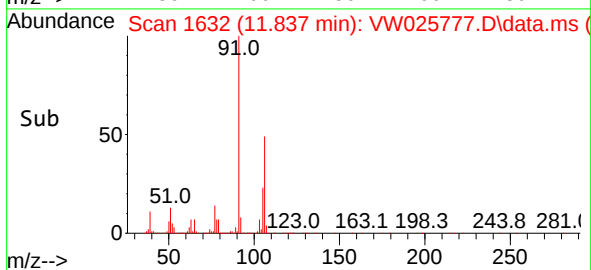
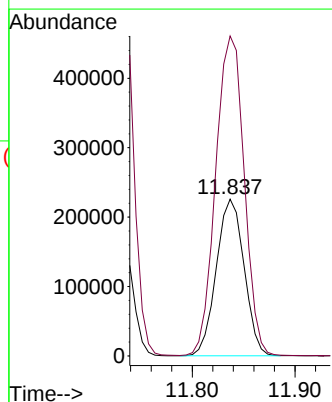
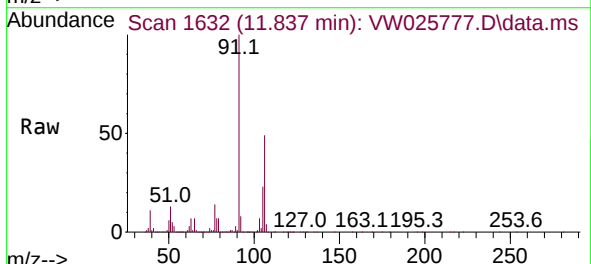
Instrument :
MSVOA_W
ClientSampleId :

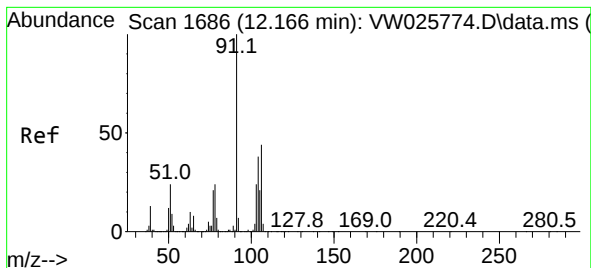
Tgt Ion: 91 Resp: 1149064
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 26.375 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 106 Resp: 423279
Ion Ratio Lower Upper
106 100
91 204.1 150.1 278.9





#54

o-Xylene

Concen: 26.159 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

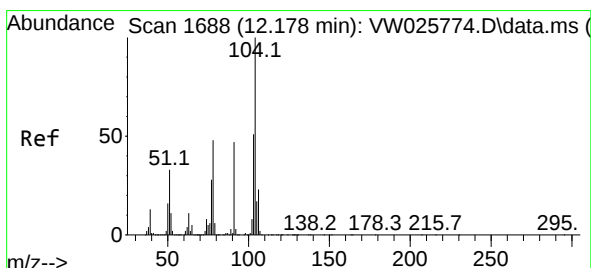
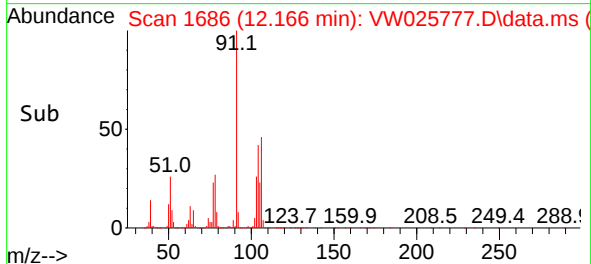
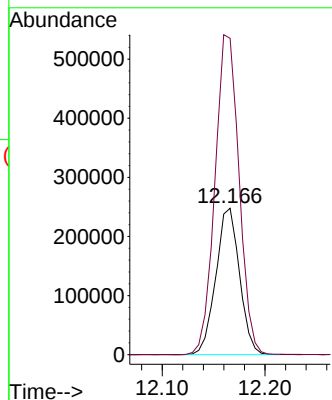
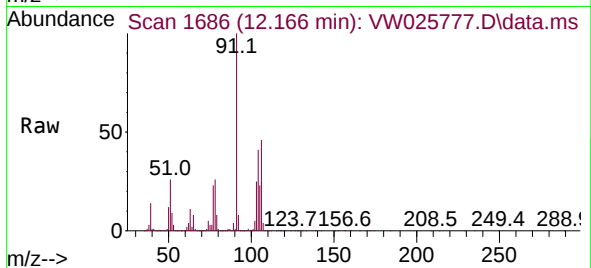
ClientSampleId :

Tgt Ion:106 Resp: 395698

Ion Ratio Lower Upper

106 100

91 216.0 157.8 293.1



#55

Styrene

Concen: 26.883 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025777.D

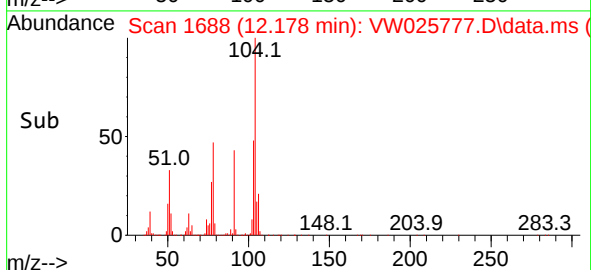
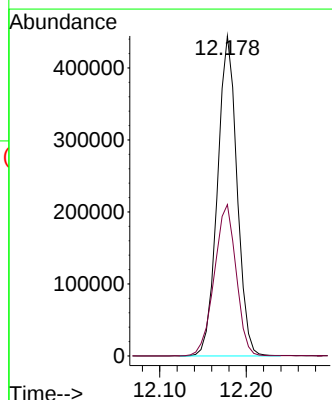
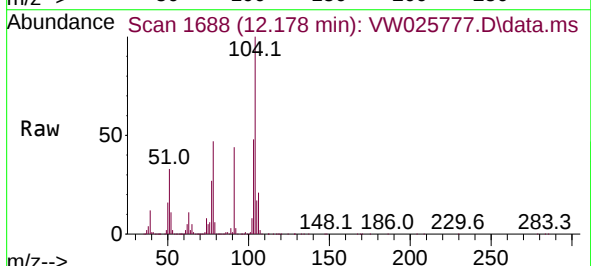
Acq: 01 May 2023 14:30

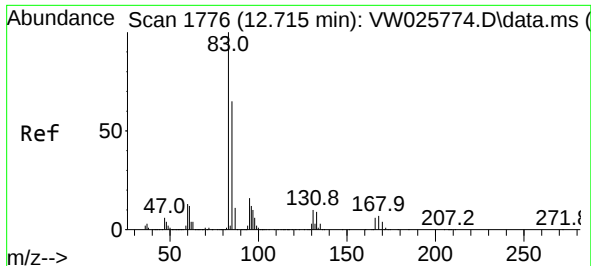
Tgt Ion:104 Resp: 696006

Ion Ratio Lower Upper

104 100

78 47.3 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.505 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

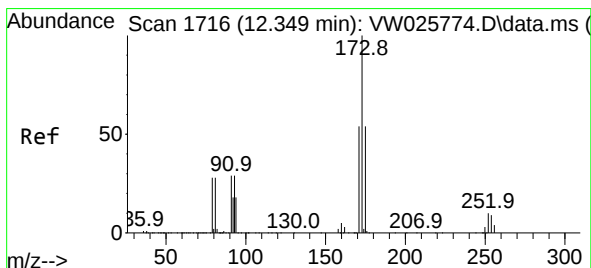
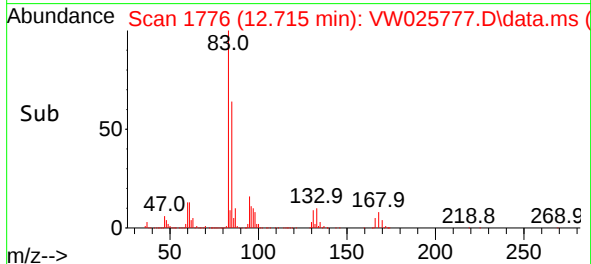
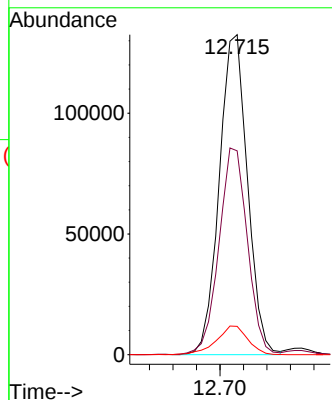
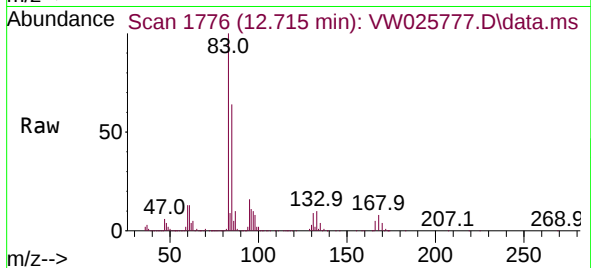
Tgt Ion: 83 Resp: 221272

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.8

131 8.8 8.1 12.1



#59

Bromoform

Concen: 25.988 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

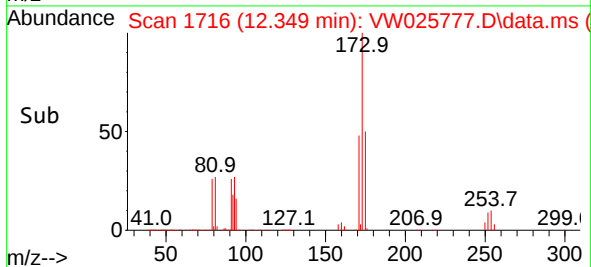
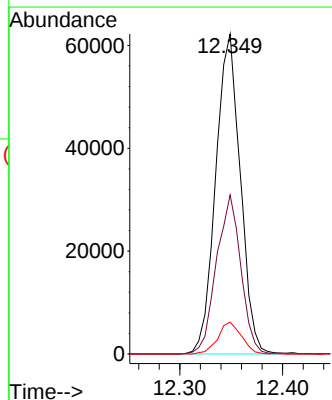
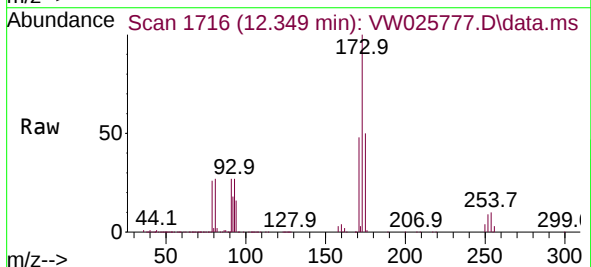
Tgt Ion:173 Resp: 103412

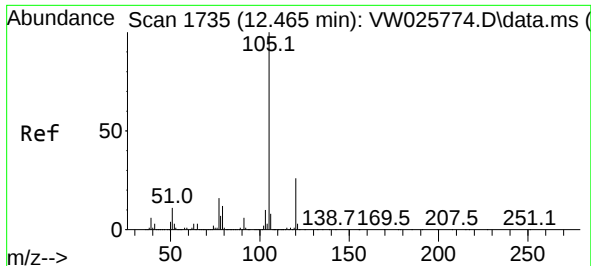
Ion Ratio Lower Upper

173 100

175 49.2 38.6 57.8

254 9.5 7.6 11.4

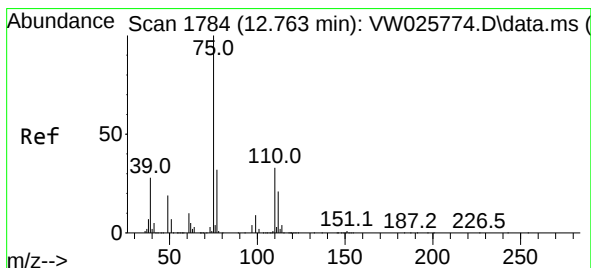
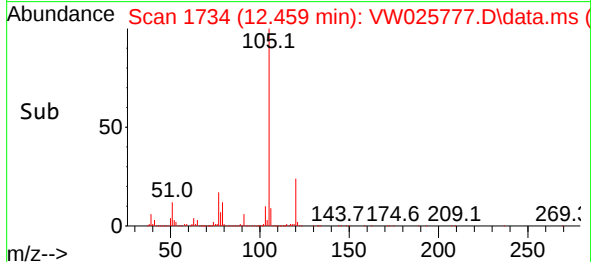
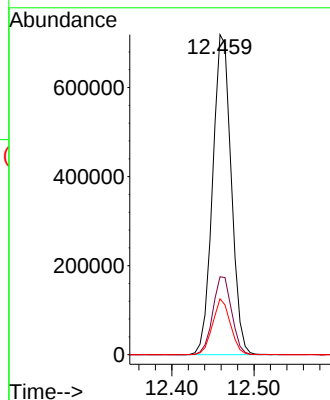
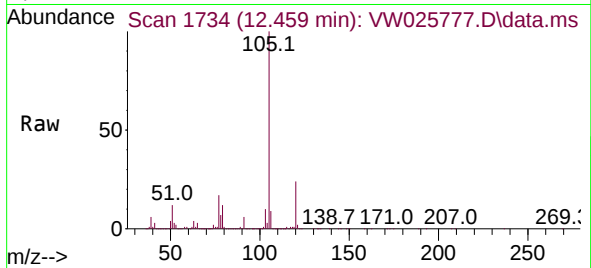




#60
Isopropylbenzene
Concen: 27.633 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

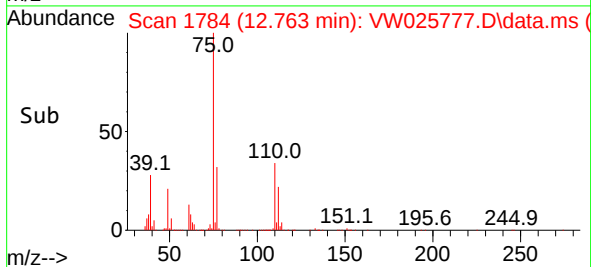
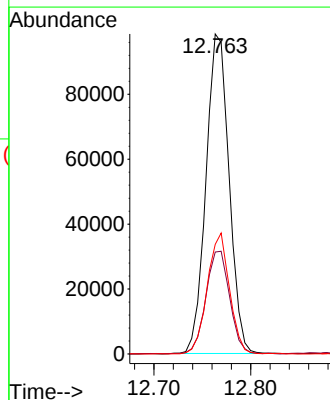
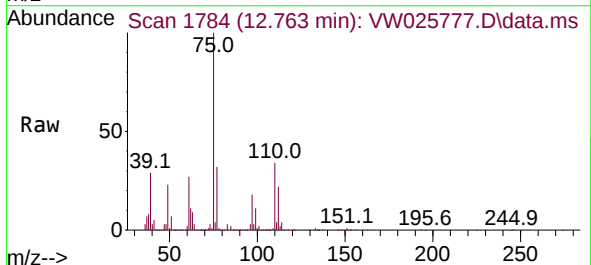
Instrument :
MSVOA_W
ClientSampleId :

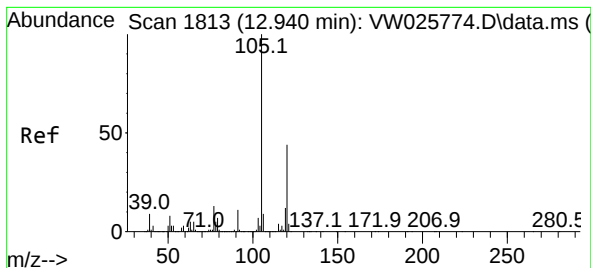
Tgt Ion:105 Resp: 1128375
Ion Ratio Lower Upper
105 100
120 24.7 21.1 31.7
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 25.759 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025777.D
Acq: 01 May 2023 14:30

Tgt Ion: 75 Resp: 163541
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
110 36.3 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.906 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

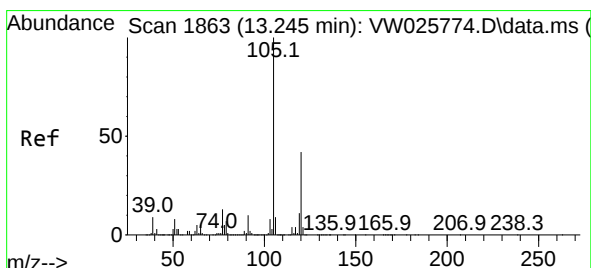
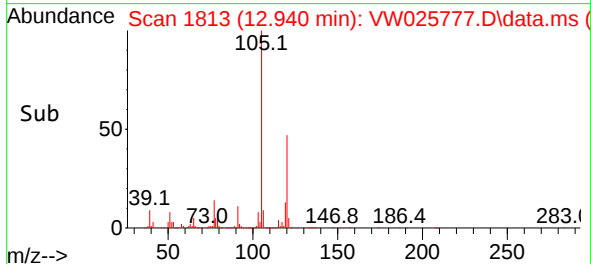
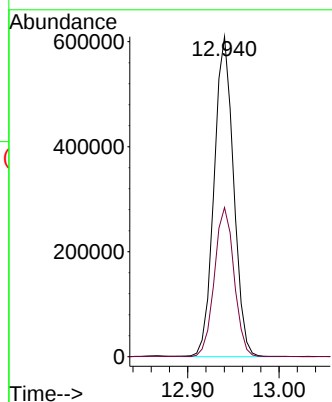
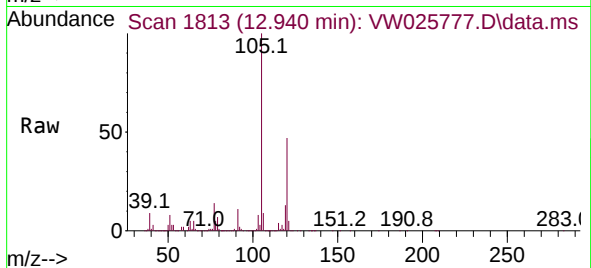
ClientSampleId :

Tgt Ion:105 Resp: 902573

Ion Ratio Lower Upper

105 100

120 47.0 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.208 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025777.D

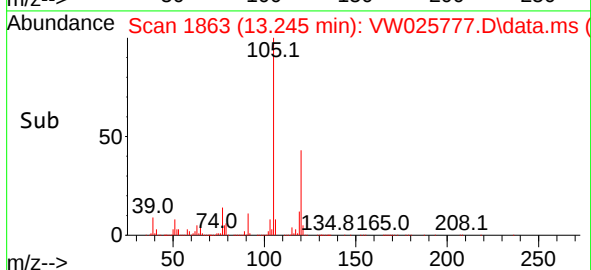
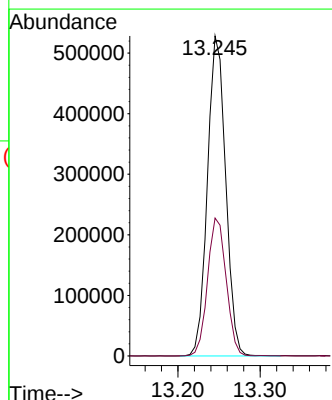
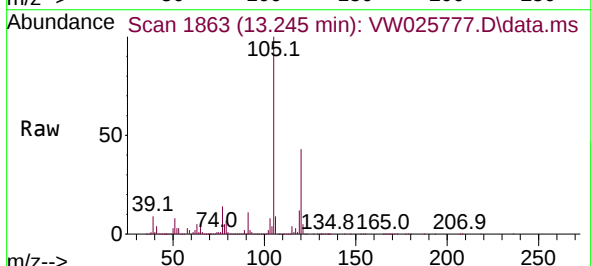
Acq: 01 May 2023 14:30

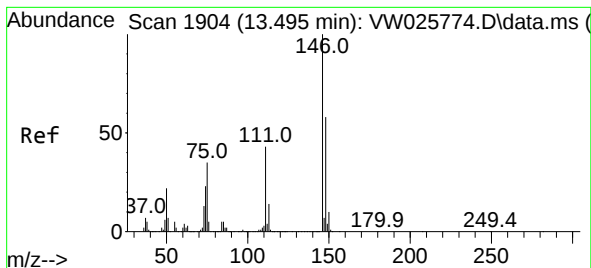
Tgt Ion:105 Resp: 812048

Ion Ratio Lower Upper

105 100

120 44.0 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.549 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

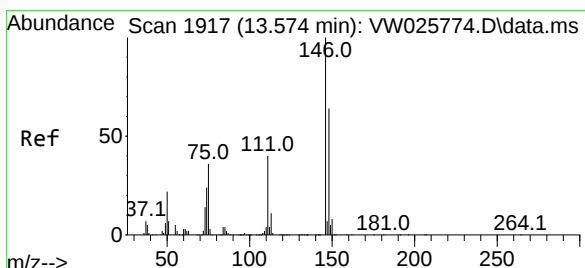
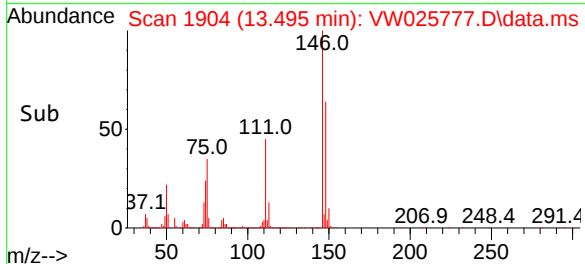
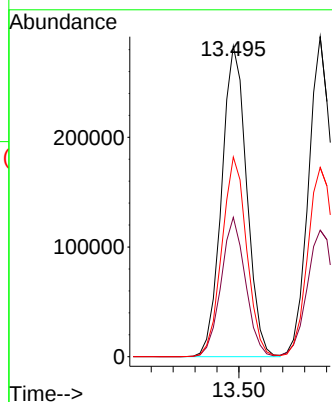
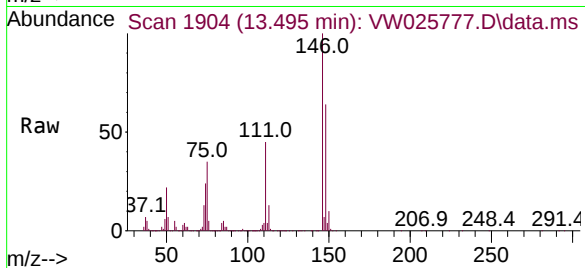
Tgt Ion:146 Resp: 449111

Ion Ratio Lower Upper

146 100

111 44.9 30.4 56.4

148 64.3 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 25.396 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

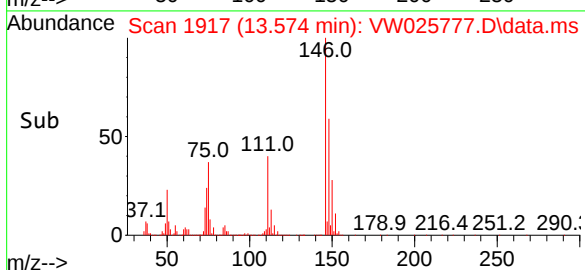
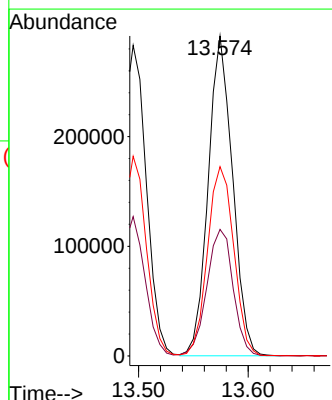
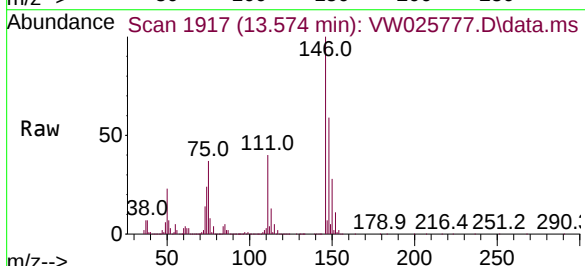
Tgt Ion:146 Resp: 451020

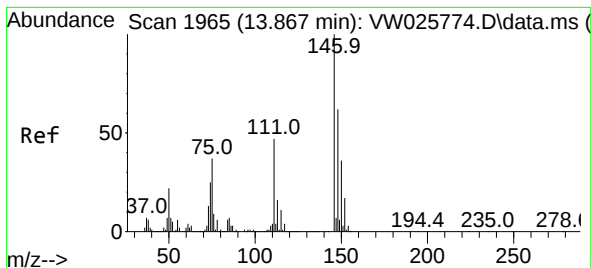
Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.9

148 59.1 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.449 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

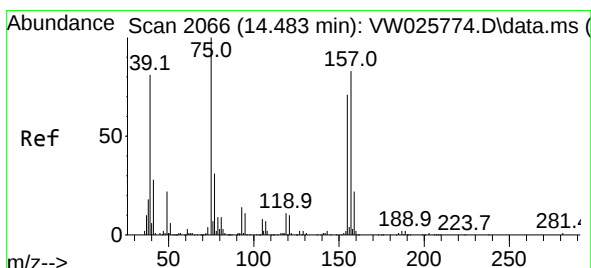
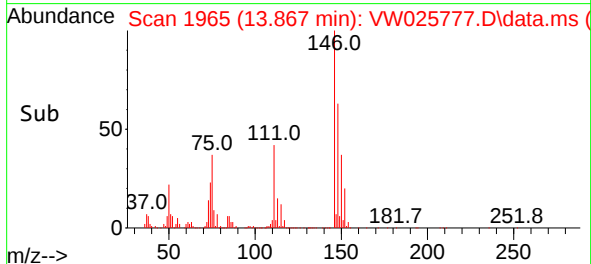
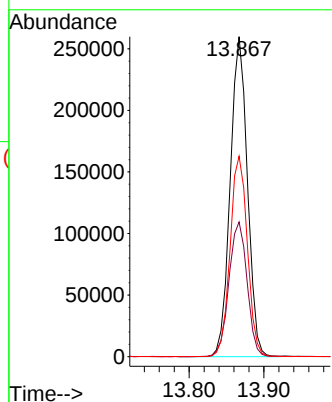
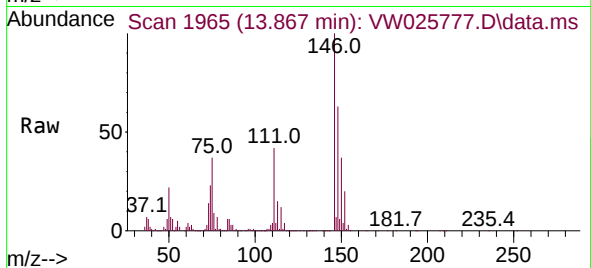
Tgt Ion:146 Resp: 414643

Ion Ratio Lower Upper

146 100

111 42.1 37.7 56.5

148 62.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.684 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

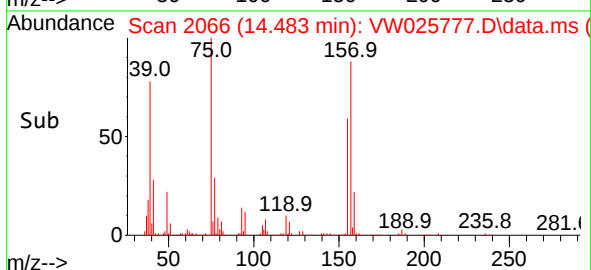
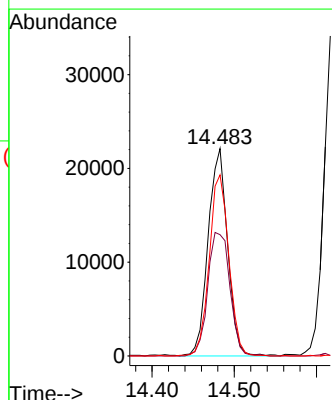
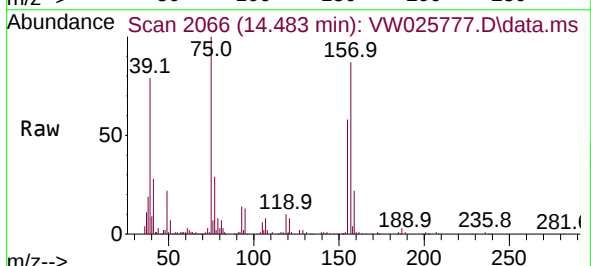
Tgt Ion: 75 Resp: 36340

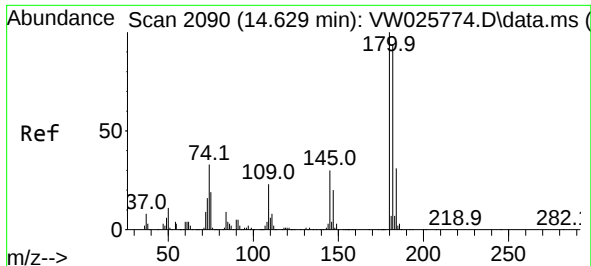
Ion Ratio Lower Upper

75 100

155 58.5 56.3 84.5

157 87.3 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.897 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

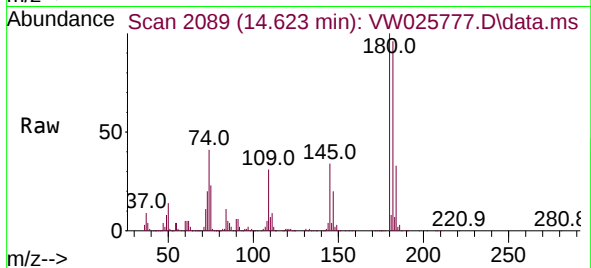
Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 290507

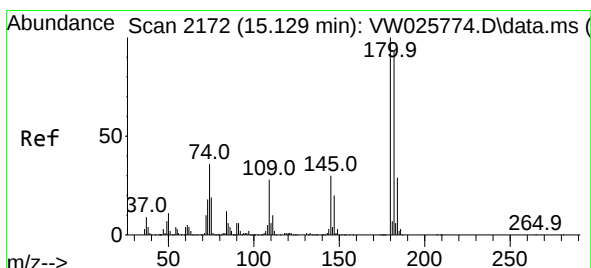
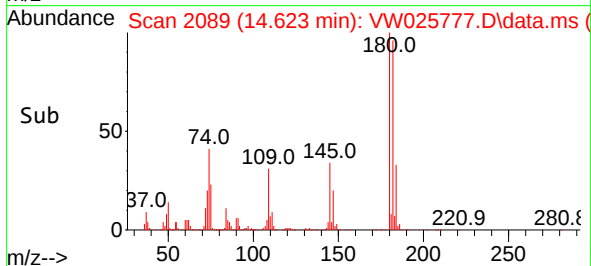
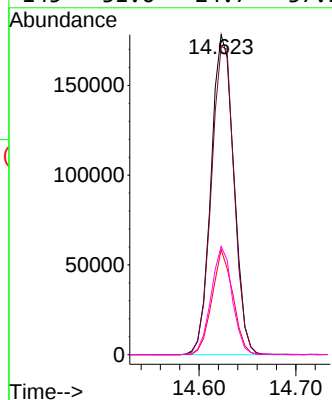
Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

184 30.0 24.7 37.1

145 31.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.848 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

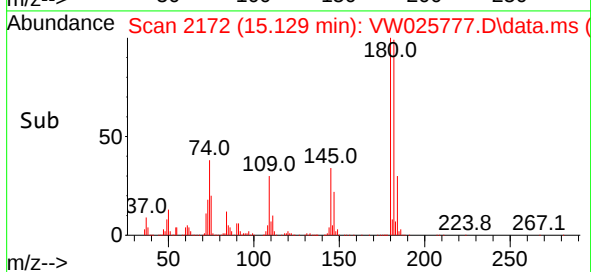
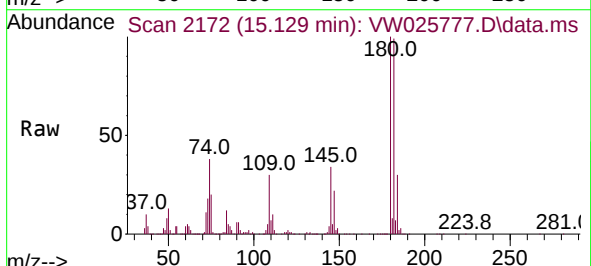
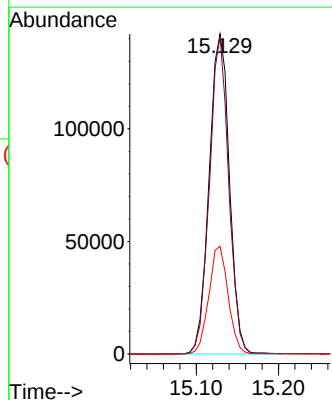
Tgt Ion:180 Resp: 242906

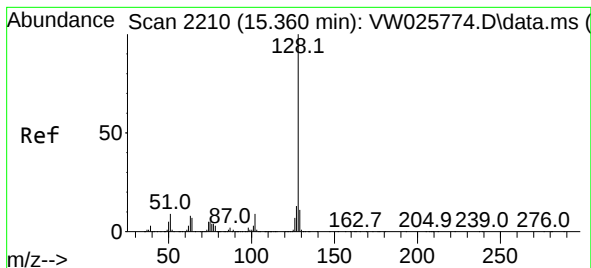
Ion Ratio Lower Upper

180 100

182 94.0 74.3 111.5

145 32.2 25.4 38.0





#71

Naphthalene

Concen: 26.882 ug/L

RT: 15.361 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Instrument :

MSVOA_W

ClientSampleId :

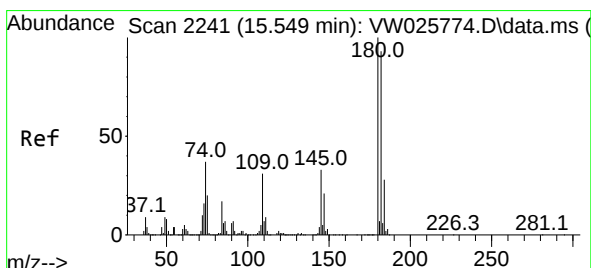
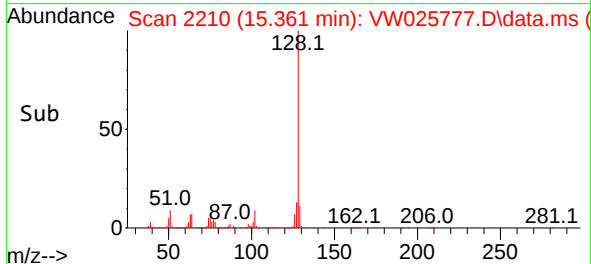
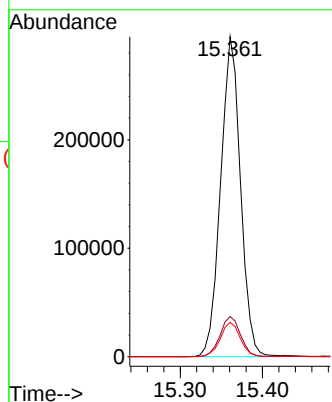
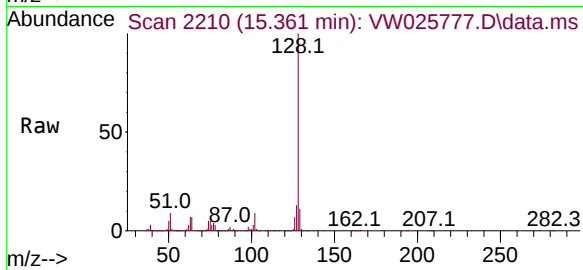
Tgt Ion:128 Resp: 495990

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.811 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025777.D

Acq: 01 May 2023 14:30

Tgt Ion:180 Resp: 223876

Ion Ratio Lower Upper

180 100

182 92.2 76.1 114.1

145 33.9 28.0 42.0

