

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026672.D
 Acq On : 10 Aug 2023 11:08
 Operator : SY/MD
 Sample : VSTD02522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025422

Quant Time: Aug 11 01:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	502639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	501871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192156	23.255	ug/L	0.00
7) Chloroethane-d5	2.893	69	143327	23.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	96217	23.676	ug/L	0.00
21) 2-Butanone-d5	7.081	46	107954	45.719	ug/L	0.00
24) Chloroform-d	7.648	84	405543	24.039	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	227194	24.404	ug/L	0.00
32) Benzene-d6	8.276	84	830936	24.023	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	254399	23.612	ug/L	0.00
41) Toluene-d8	10.325	98	722541	24.335	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	106539	23.950	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	55932	49.406	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	205588	24.163	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	222886	23.699	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	163903	23.680	ug/L	100
3) Chloromethane	2.229	50	226335	24.221	ug/L	100
5) Vinyl chloride	2.375	62	233709	26.162	ug/L	100
6) Bromomethane	2.789	94	131572	25.242	ug/L	100
8) Chloroethane	2.936	64	137200	25.632	ug/L	100
9) Trichlorofluoromethane	3.265	101	185114	25.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	208062	26.536	ug/L	100
12) 1,1-Dichloroethene	4.051	96	192015	25.845	ug/L	100
13) Acetone	4.131	43	101550	43.414	ug/L	100
14) Carbon disulfide	4.393	76	688847	25.772	ug/L	100
15) Methyl Acetate	4.673	43	122467	25.891	ug/L	100
16) Methylene chloride	4.923	84	236095	24.282	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	210511	25.392	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	328975	26.225	ug/L	100
19) 1,1-Dichloroethane	6.216	63	434605	25.471	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	225107	25.261	ug/L	100
22) 2-Butanone	7.173	43	167085	48.014	ug/L	100
23) Bromochloromethane	7.514	128	98854	25.681	ug/L	100
25) Chloroform	7.679	83	408177	24.762	ug/L	100
27) 1,2-Dichloroethane	8.398	62	293643	25.535	ug/L	100
29) Cyclohexane	7.959	56	401026	25.839	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	328548	25.084	ug/L	100
31) Carbon tetrachloride	8.069	117	307697	25.693	ug/L	100
33) Benzene	8.325	78	930827	25.469	ug/L	100
34) Trichloroethene	9.093	95	231752	24.897	ug/L	100
35) Methylcyclohexane	9.337	83	414064	26.003	ug/L	100
37) 1,2-Dichloropropane	9.367	63	252755	25.249	ug/L	100
38) Bromodichloromethane	9.642	83	290821	24.764	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	371553	25.800	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	338463	51.978	ug/L	100
42) Toluene	10.386	91	970335	26.246	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	322139	25.988	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

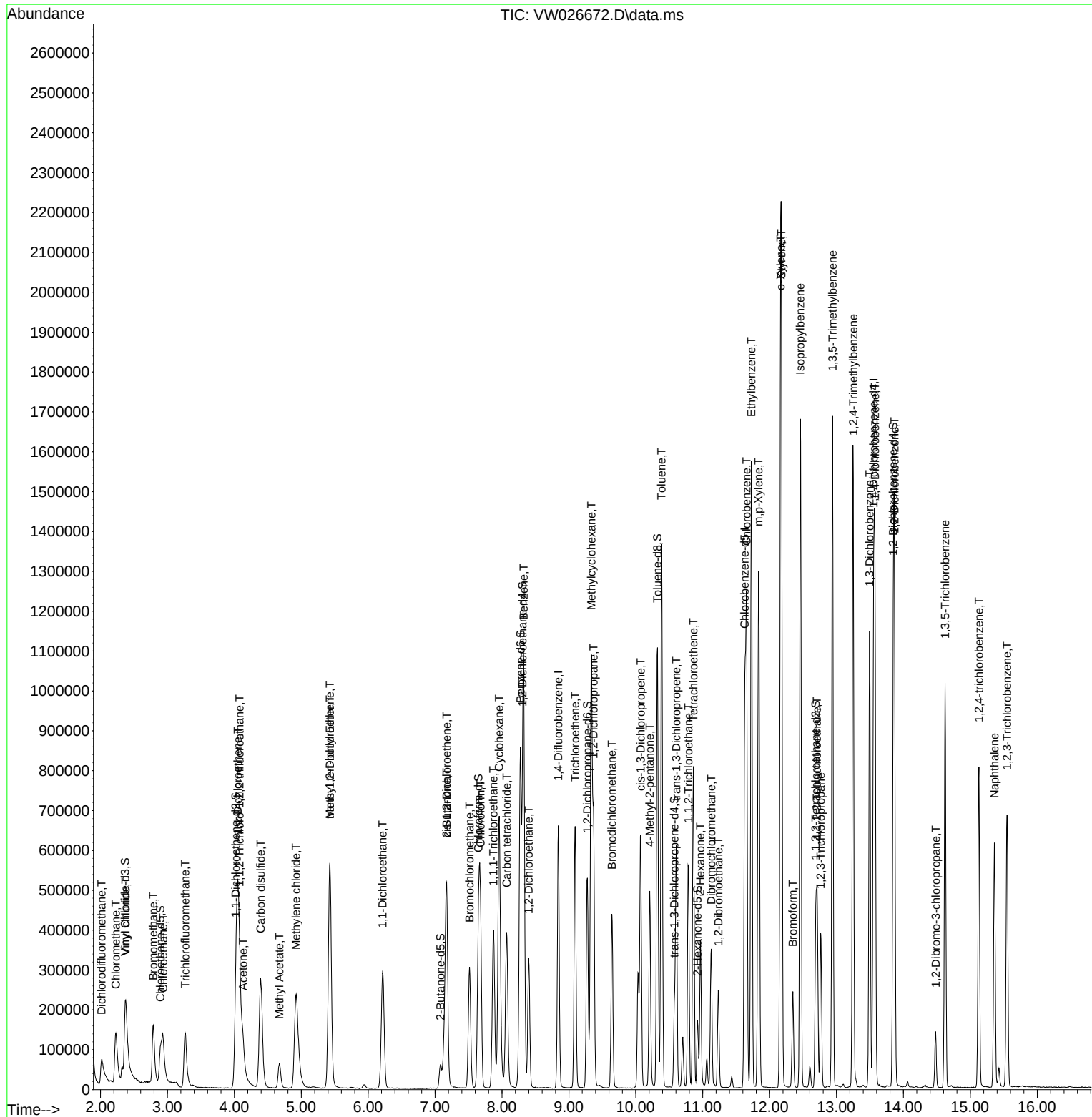
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	170791	24.946	ug/L	100
46) Tetrachloroethene	10.861	164	170779	25.254	ug/L	100
48) 2-Hexanone	10.965	43	234637	52.955	ug/L	100
49) Dibromochloromethane	11.129	129	179149	25.019	ug/L	100
50) 1,2-Dibromoethane	11.233	107	161309	25.110	ug/L	100
51) Chlorobenzene	11.654	112	585339	25.064	ug/L	100
52) Ethylbenzene	11.727	91	1074600	25.919	ug/L	100
53) m,p-Xylene	11.837	106	395922	25.777	ug/L	100
54) o-Xylene	12.166	106	376195	26.243	ug/L	100
55) Styrene	12.178	104	666313	26.733	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	218480	25.197	ug/L	100
59) Bromoform	12.349	173	104942	25.495	ug/L	100
60) Isopropylbenzene	12.458	105	1024992	26.238	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	160078	25.115	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	849922	27.525	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	818107	27.038	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	444022	26.135	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	448866	25.316	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	386293	25.003	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	36492	23.938	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	291675	25.411	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	245977	25.275	ug/L	100
71) Naphthalene	15.360	128	485534	26.155	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225595	25.701	ug/L	100

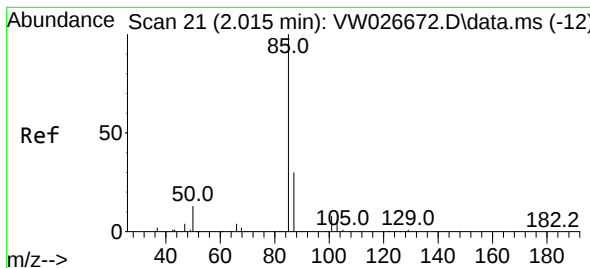
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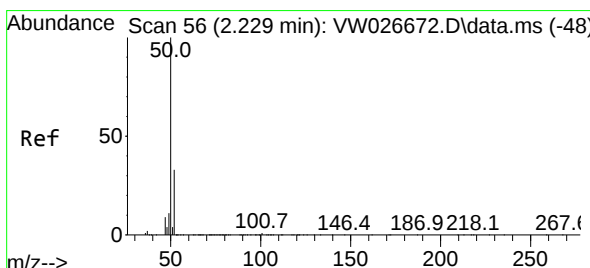
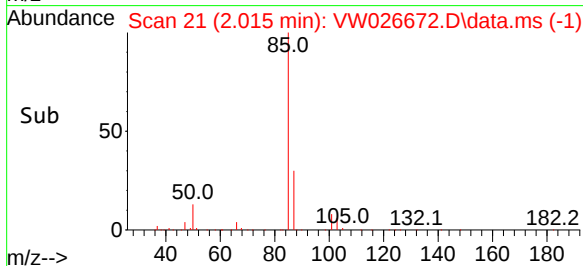
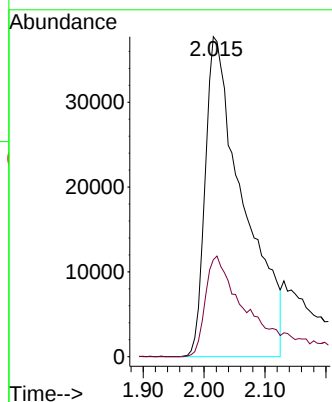
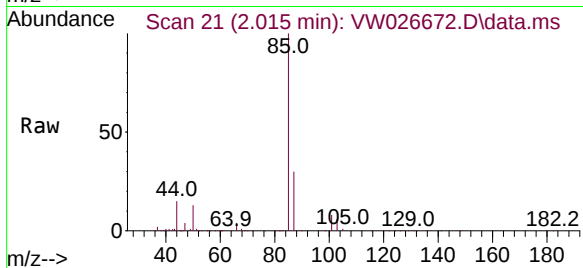




#2
Dichlorodifluoromethane
Concen: 23.680 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

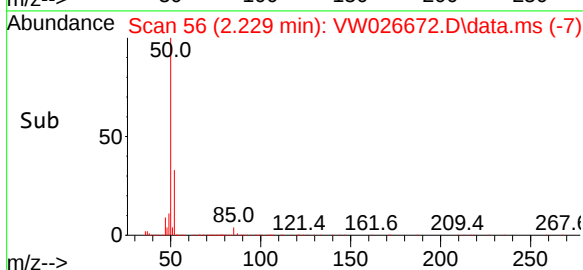
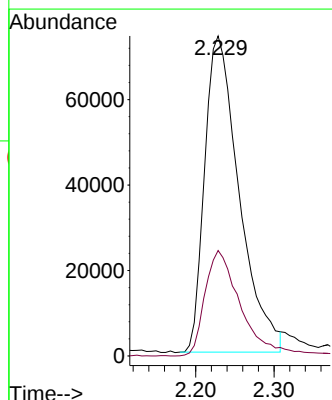
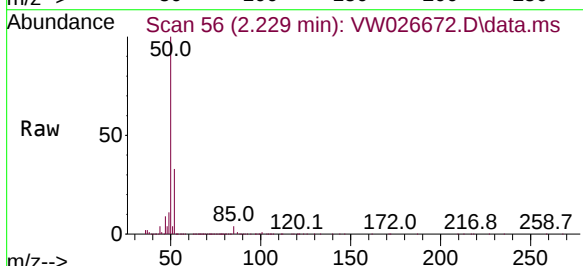
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

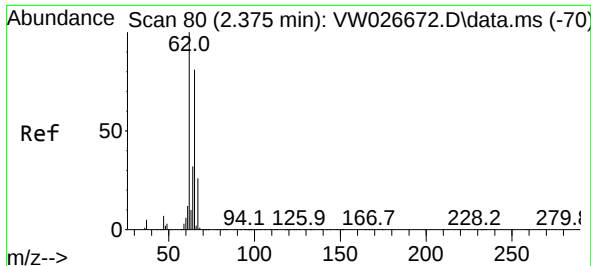
Tgt Ion: 85 Resp: 163903
Ion Ratio Lower Upper
85 100
87 24.4 19.5 29.3



#3
Chloromethane
Concen: 24.221 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 50 Resp: 226335
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

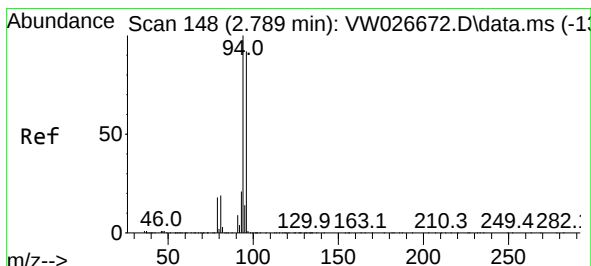
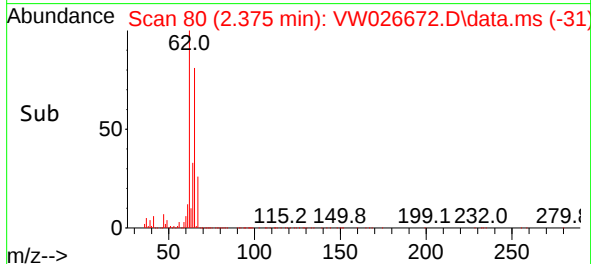
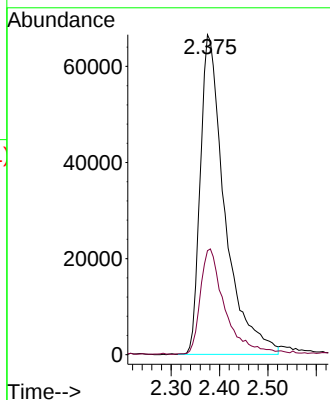
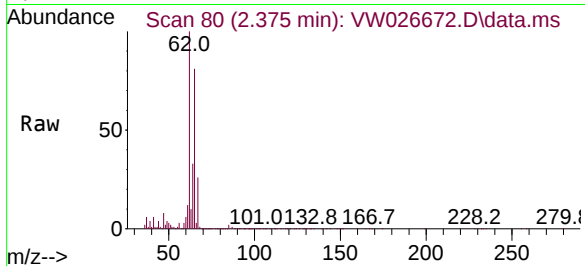




#5
 Vinyl chloride
 Concen: 26.162 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

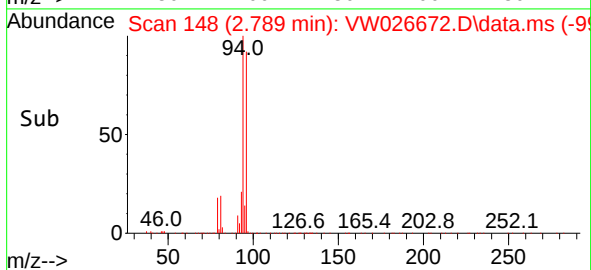
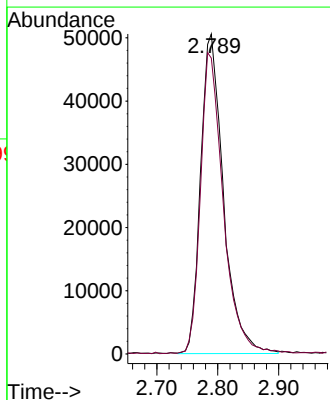
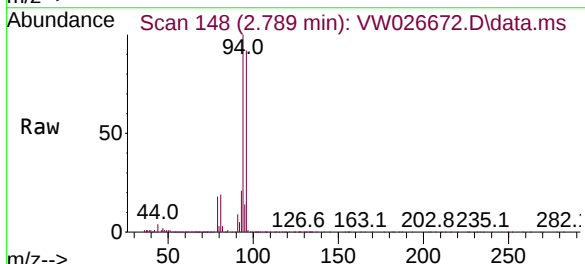
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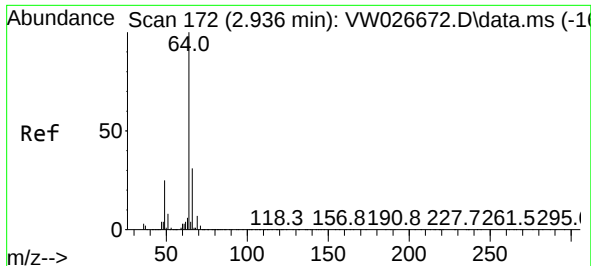
Tgt Ion: 62 Resp: 233709
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 25.242 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

Tgt Ion: 94 Resp: 131572
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.8 120.3

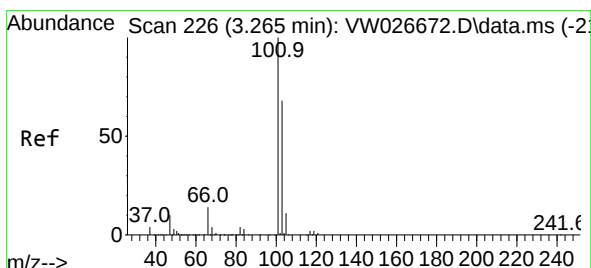
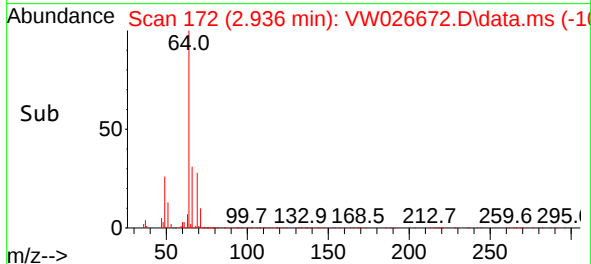
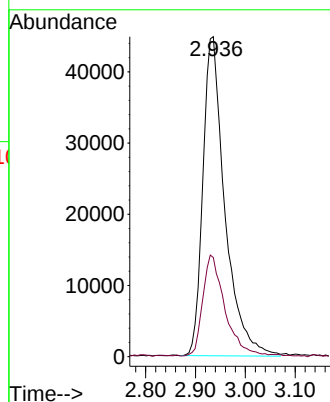
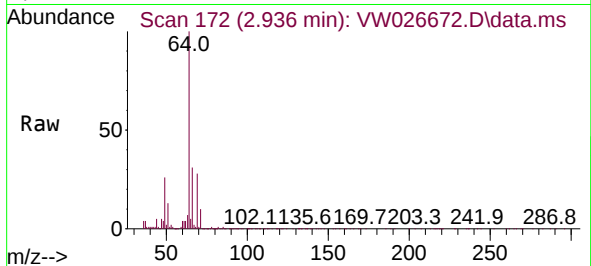




#8
Chloroethane
Concen: 25.632 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

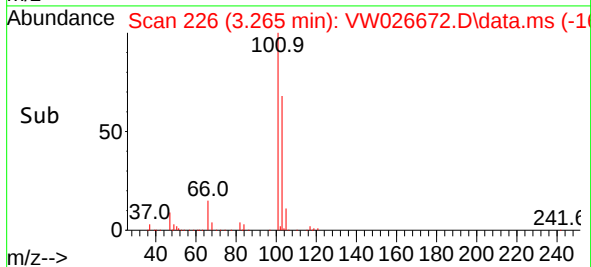
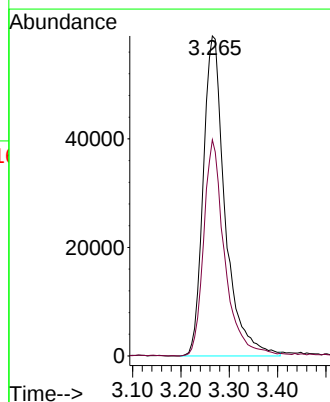
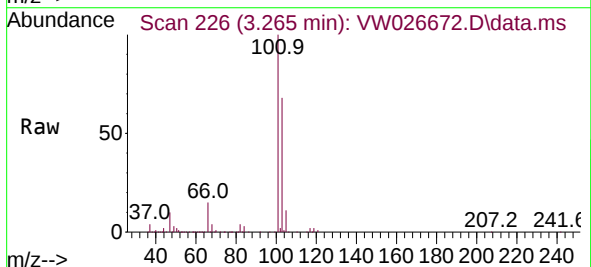
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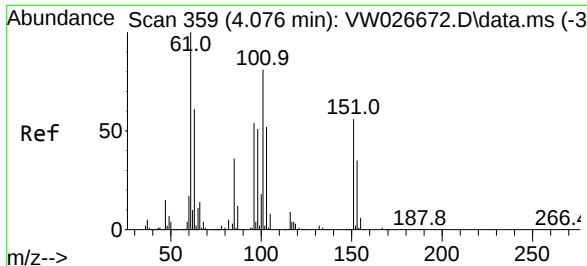
Tgt Ion: 64 Resp: 137200
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.250 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 101 Resp: 185114
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

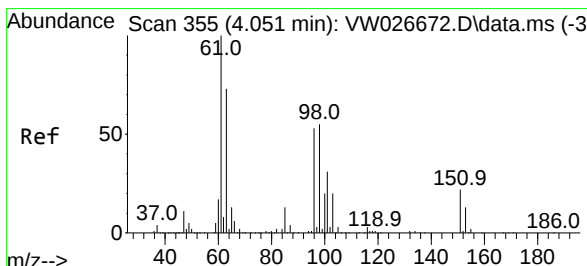
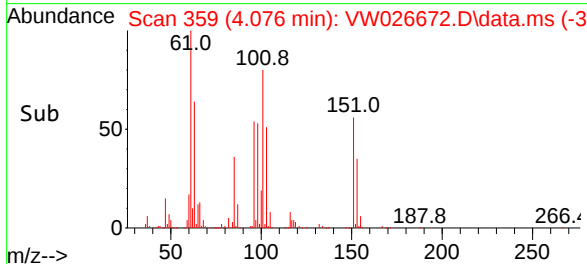
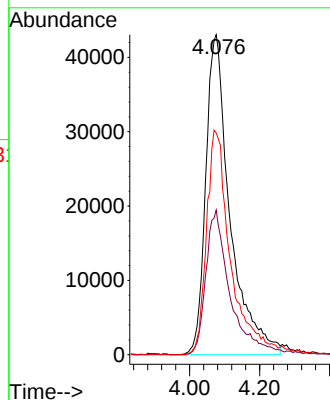
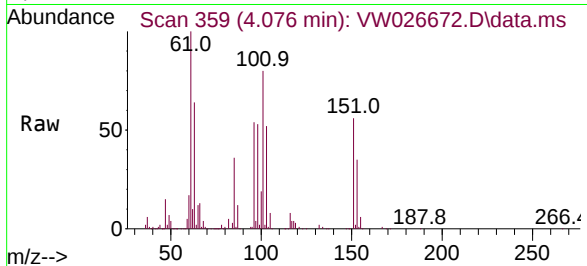




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.536 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

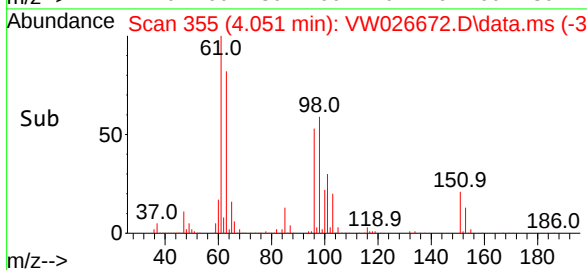
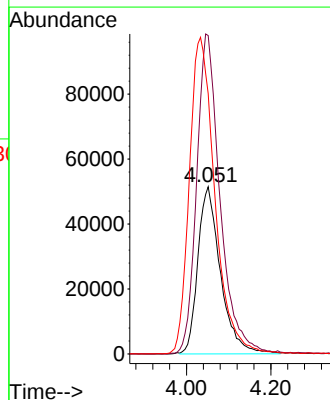
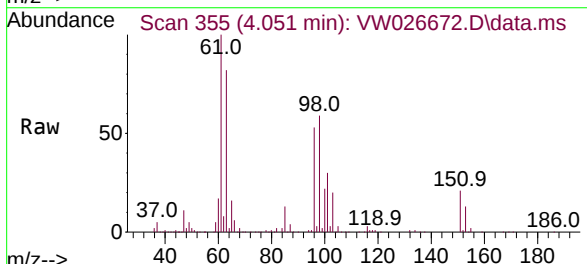
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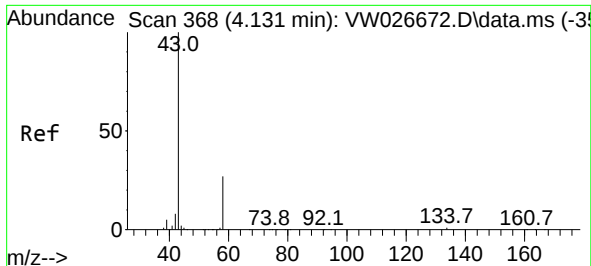
Tgt Ion:	101	Resp:	208062
Ion	Ratio	Lower	Upper
101	100		
85	41.0	32.8	49.2
151	68.0	54.4	81.6



#12
 1,1-Dichloroethene
 Concen: 25.845 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

Tgt Ion:	96	Resp:	192015
Ion	Ratio	Lower	Upper
96	100		
61	190.3	133.2	247.4
63	155.7	109.0	202.4

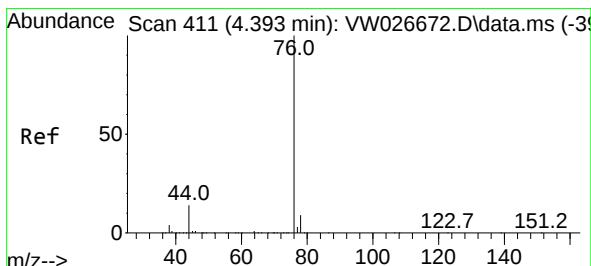
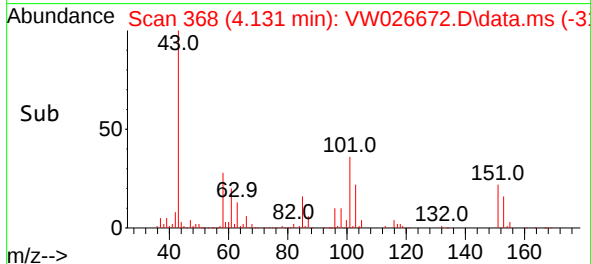
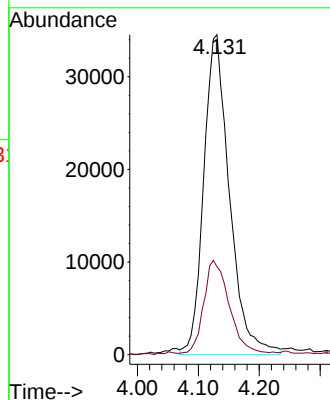
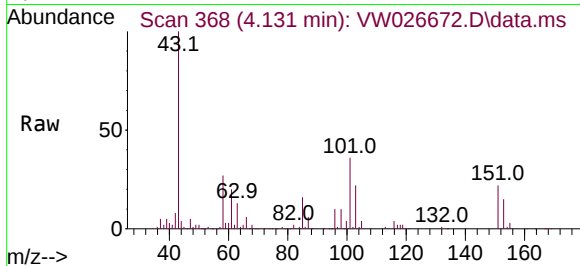




#13
Acetone
Concen: 43.414 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

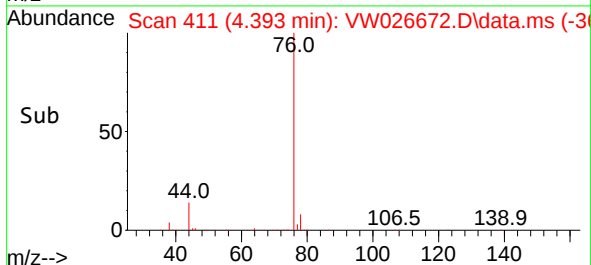
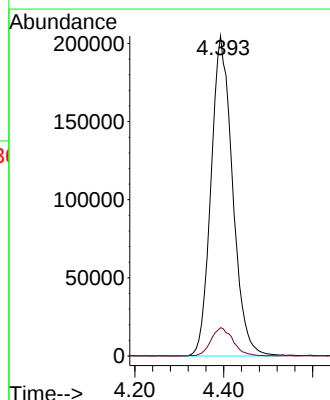
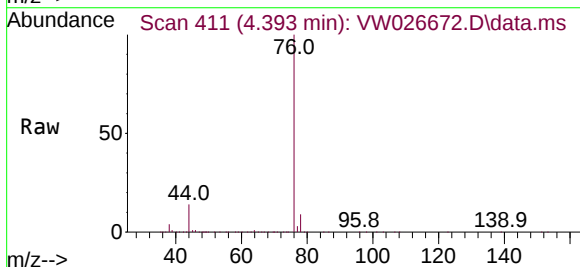
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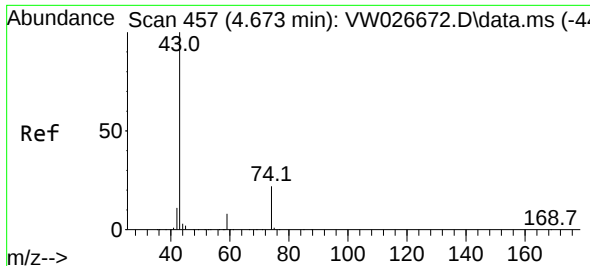
Tgt Ion: 43 Resp: 101550
Ion Ratio Lower Upper
43 100
58 28.7 0.0 57.4



#14
Carbon disulfide
Concen: 25.772 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 76 Resp: 688847
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

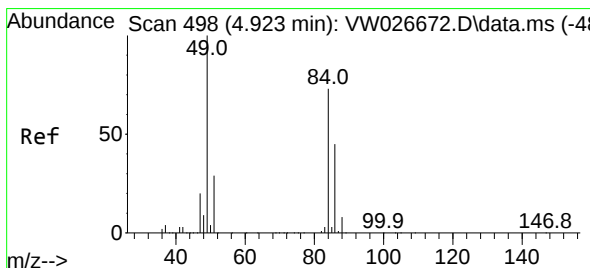
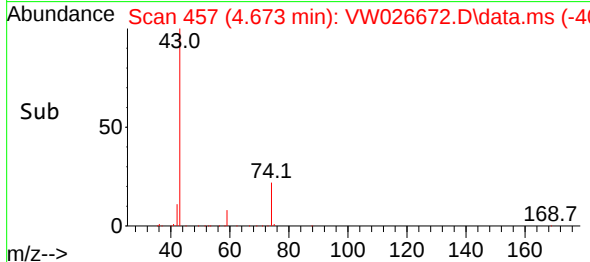
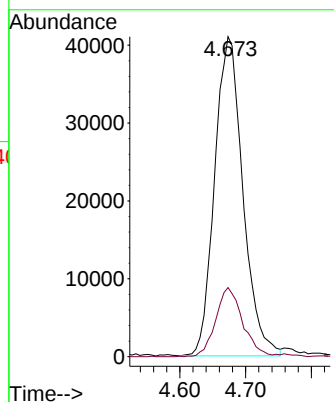
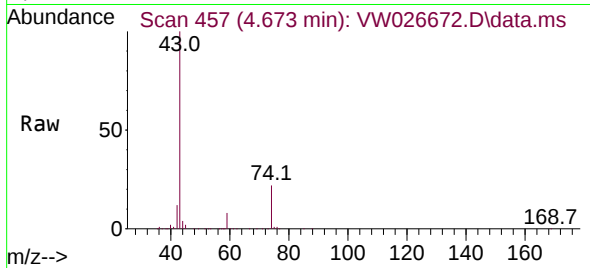




#15
Methyl Acetate
Concen: 25.891 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

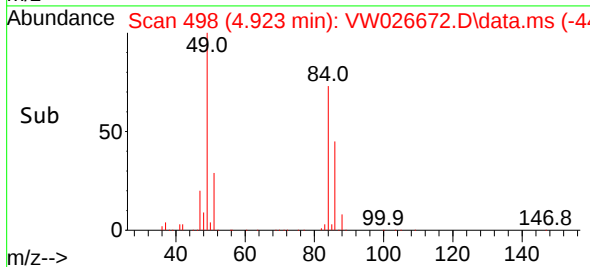
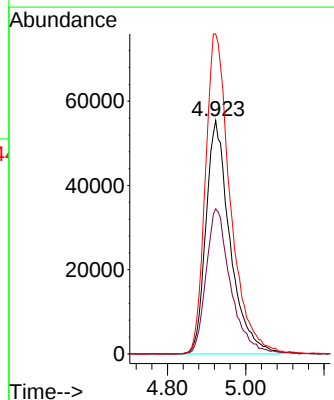
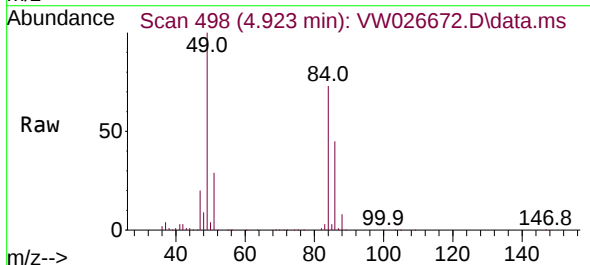
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

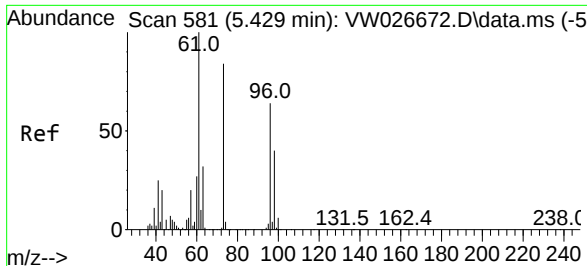
Tgt Ion: 43 Resp: 122467
Ion Ratio Lower Upper
43 100
74 20.5 16.4 24.6



#16
Methylene chloride
Concen: 24.282 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 84 Resp: 236095
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 137.1 96.0 178.2

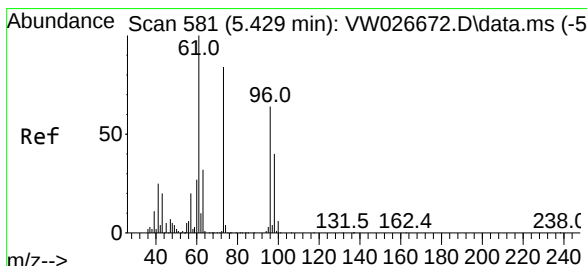
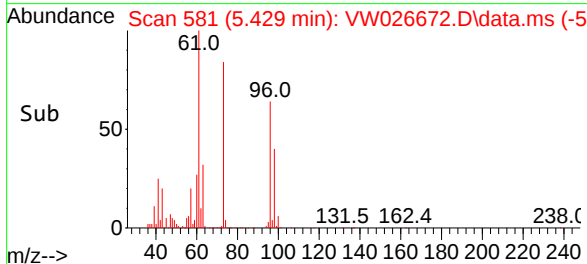
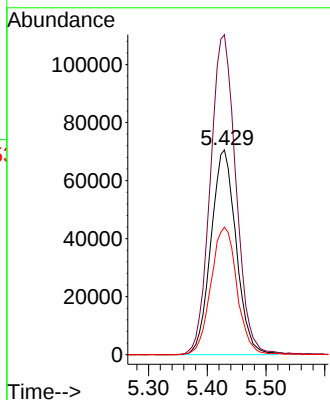
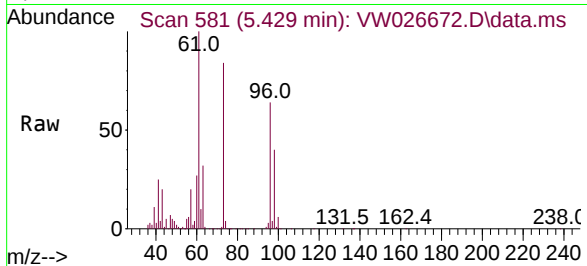




#17
trans-1,2-Dichloroethene
Concen: 25.392 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

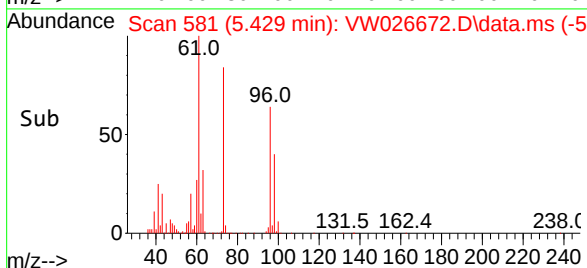
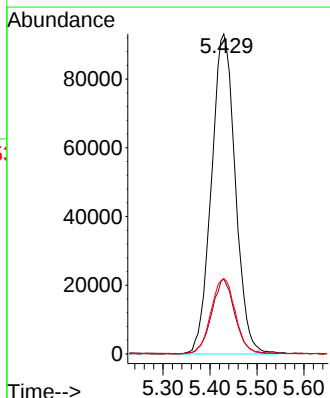
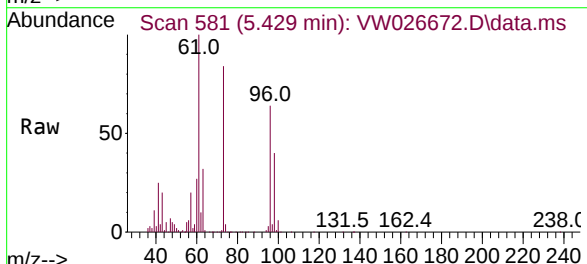
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

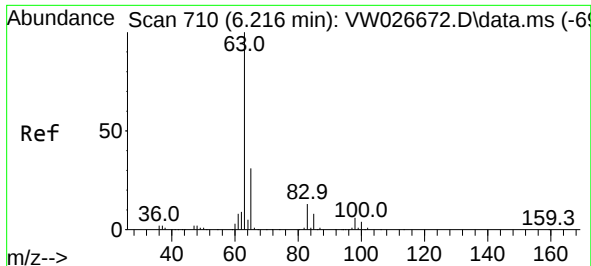
Tgt Ion: 96 Resp: 210511
Ion Ratio Lower Upper
96 100
61 156.3 109.4 203.2
98 62.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.225 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 73 Resp: 328975
Ion Ratio Lower Upper
73 100
43 22.5 18.0 27.0
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.471 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

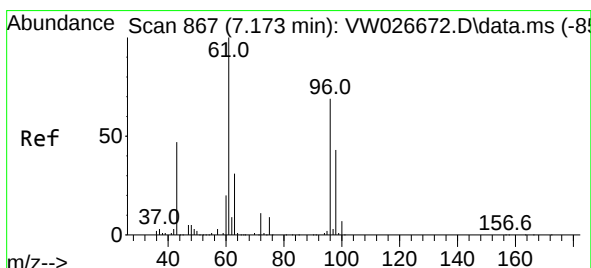
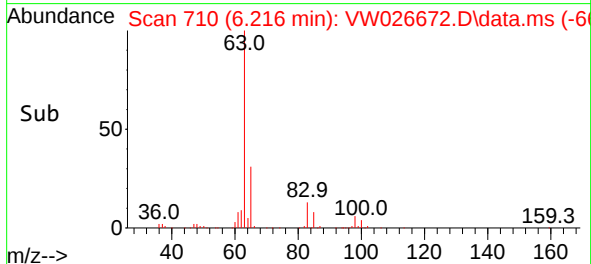
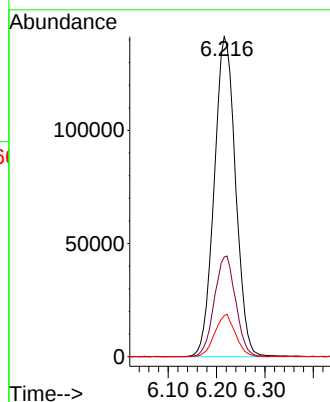
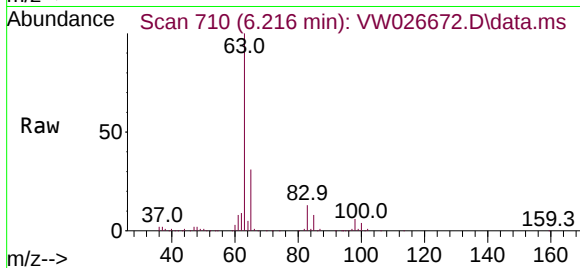
Tgt Ion: 63 Resp: 434605

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.261 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

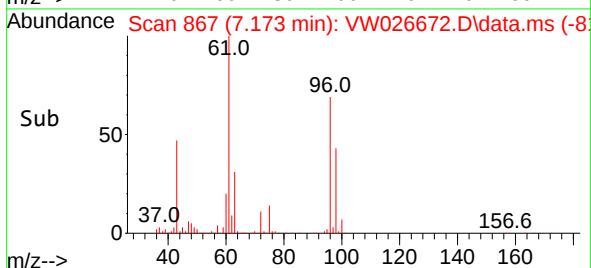
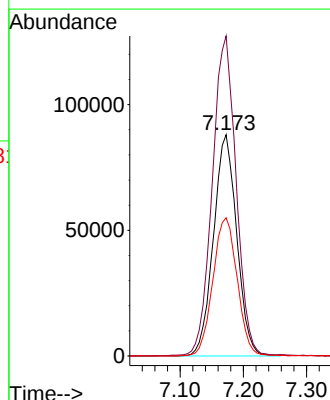
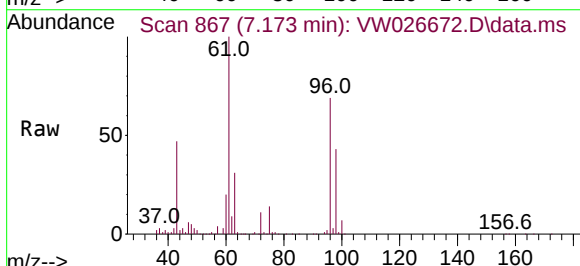
Tgt Ion: 96 Resp: 225107

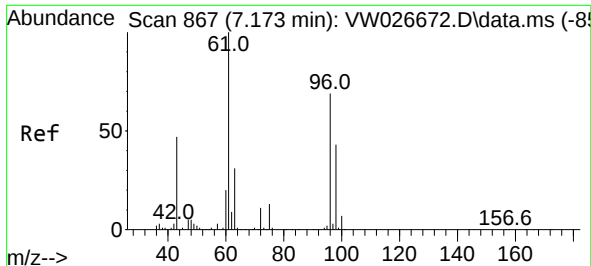
Ion Ratio Lower Upper

96 100

61 144.6 101.2 188.0

98 62.5 43.8 81.3

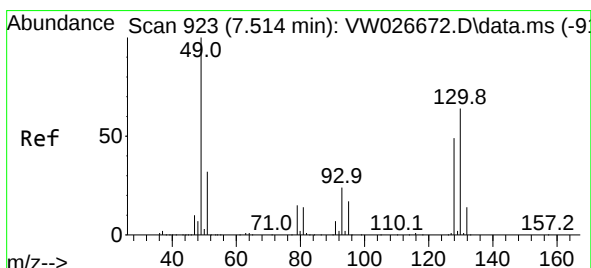
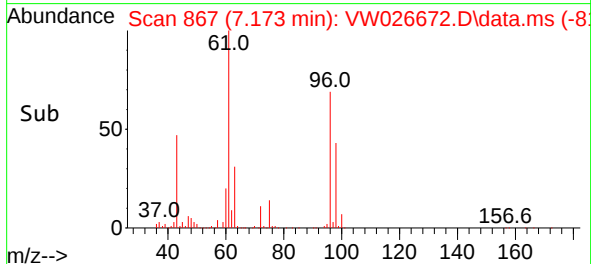
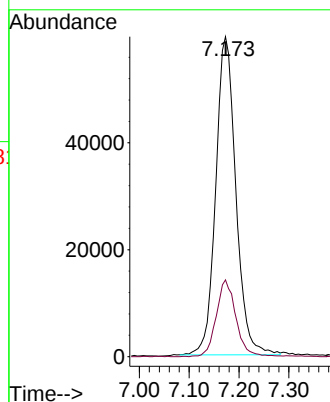
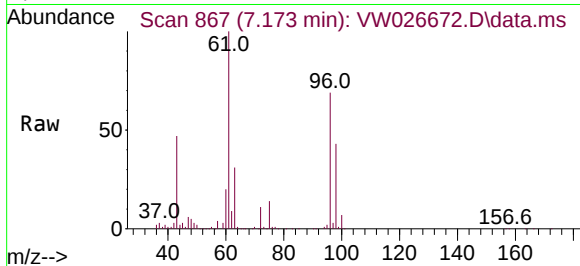




#22
2-Butanone
Concen: 48.014 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

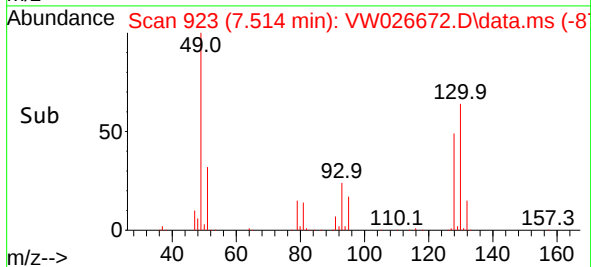
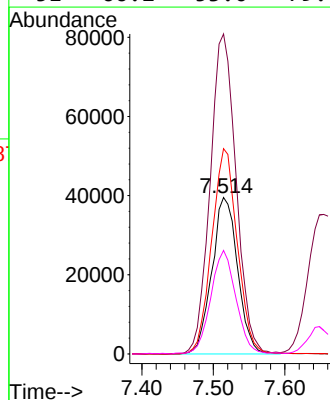
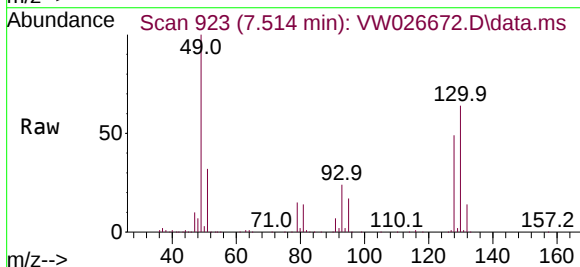
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

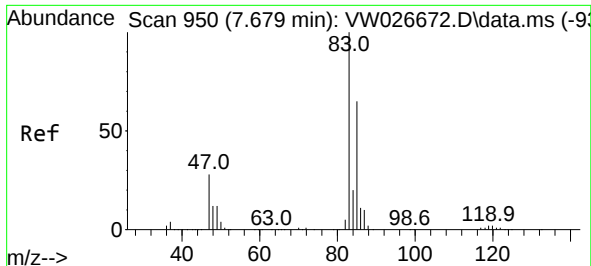
Tgt Ion: 43 Resp: 167085
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.4



#23
Bromochloromethane
Concen: 25.681 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 128 Resp: 98854
Ion Ratio Lower Upper
128 100
49 204.4 143.1 265.7
130 131.1 91.8 170.4
51 66.2 53.0 79.4

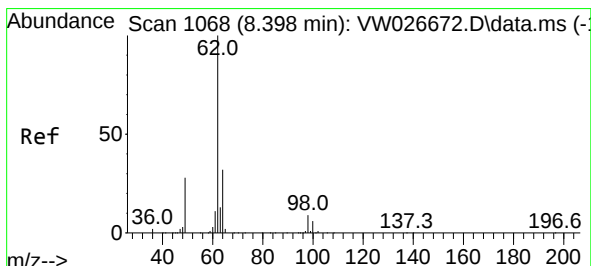
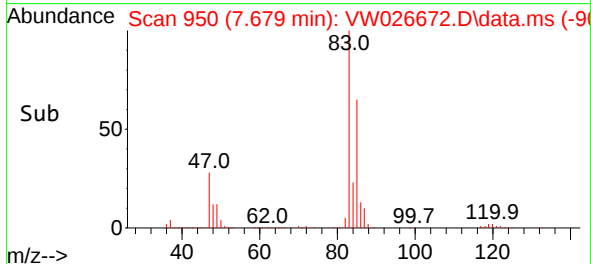
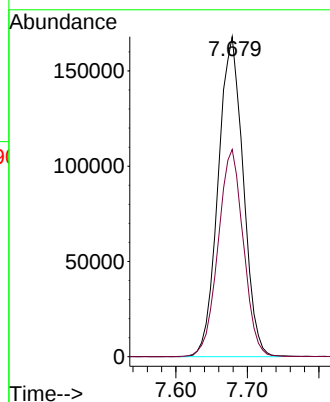
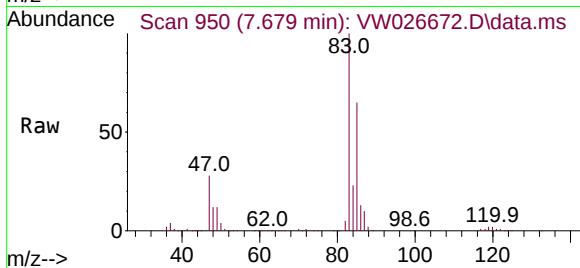




#25
Chloroform
Concen: 24.762 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

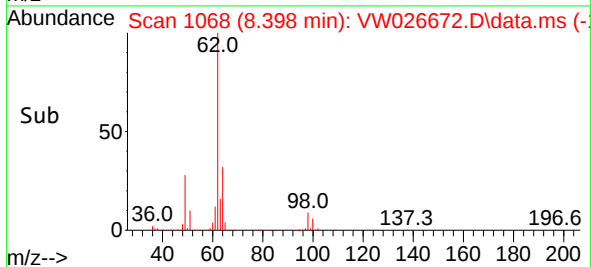
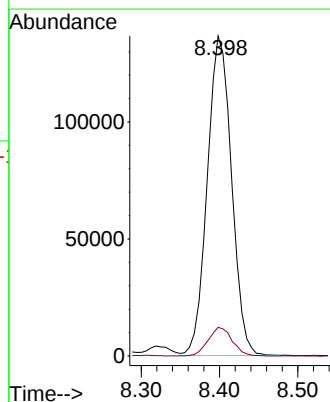
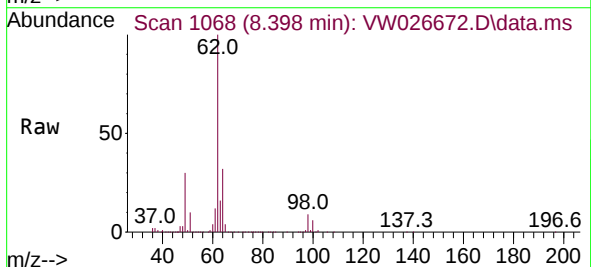
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

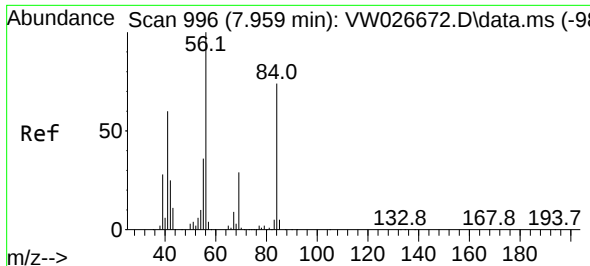
Tgt Ion: 83 Resp: 408177
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.535 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 62 Resp: 293643
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7

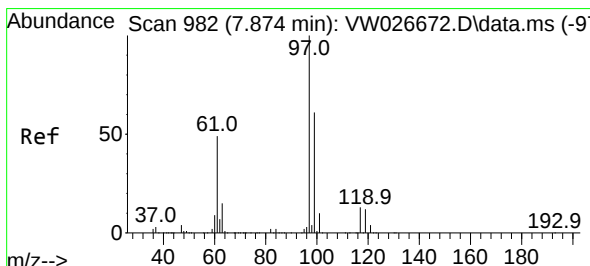
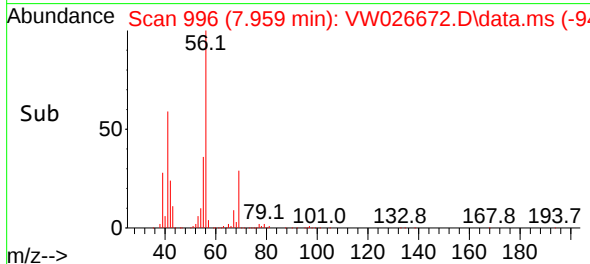
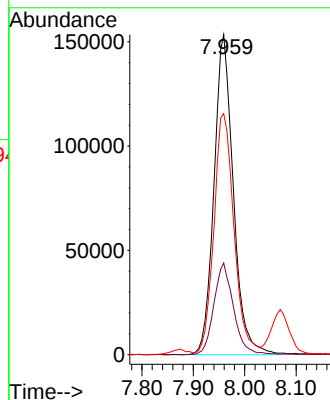
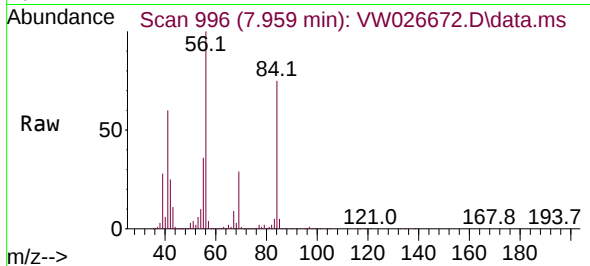




#29
Cyclohexane
Concen: 25.839 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

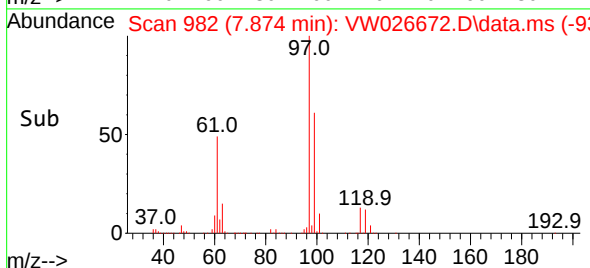
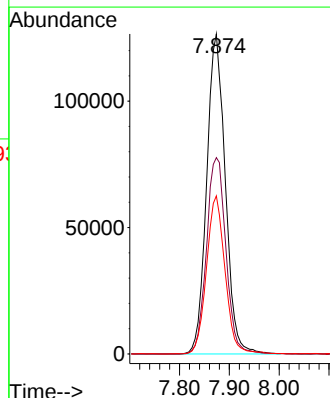
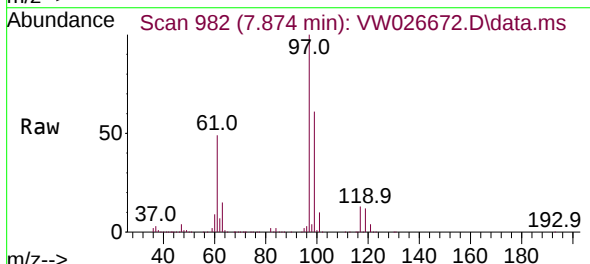
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

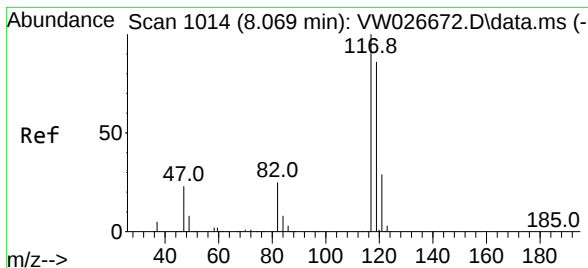
Tgt Ion: 56 Resp: 401026
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 78.4 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 25.084 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 97 Resp: 328548
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 49.0 39.2 58.8

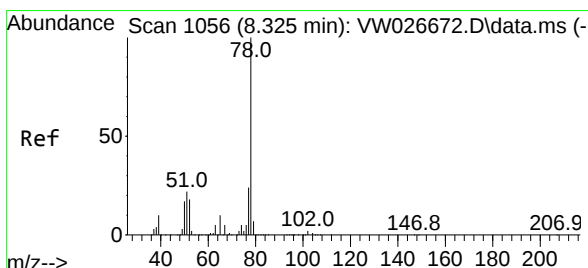
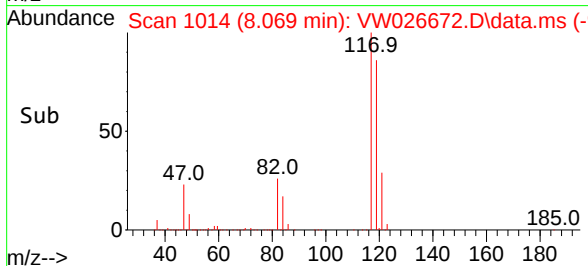
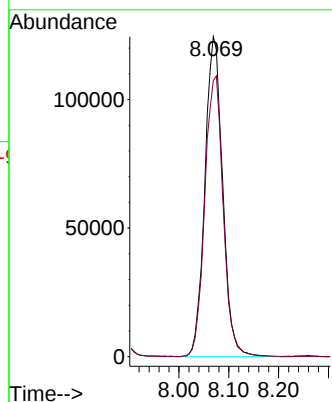
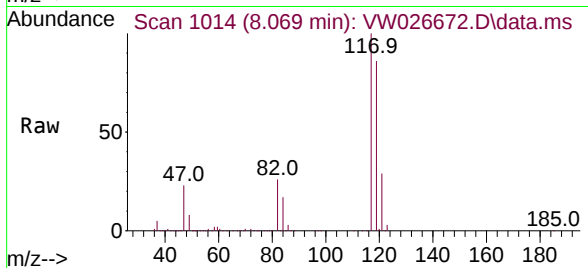




#31
Carbon tetrachloride
Concen: 25.693 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

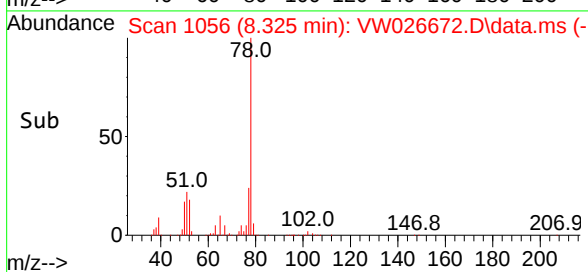
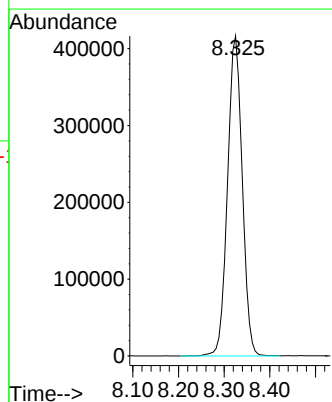
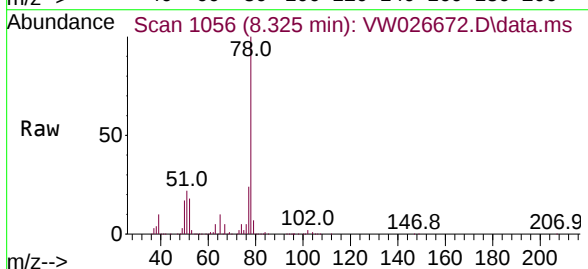
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

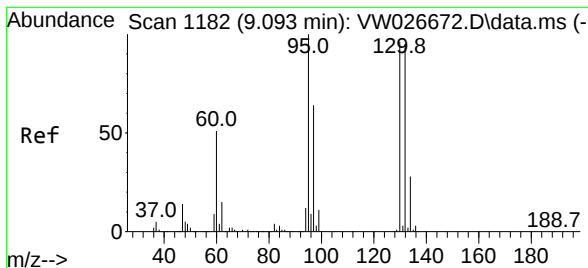
Tgt Ion:117 Resp: 307697
Ion Ratio Lower Upper
117 100
119 91.2 73.0 109.4



#33
Benzene
Concen: 25.469 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 78 Resp: 930827





#34

Trichloroethene

Concen: 24.897 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

Tgt Ion: 95 Resp: 231752

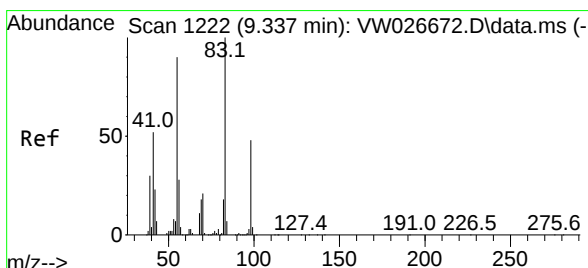
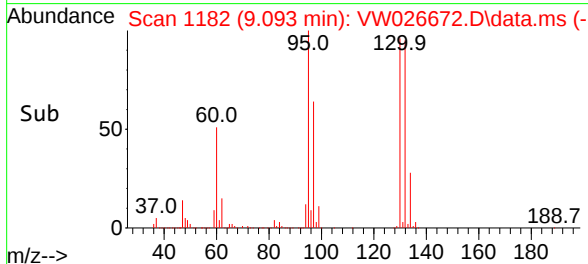
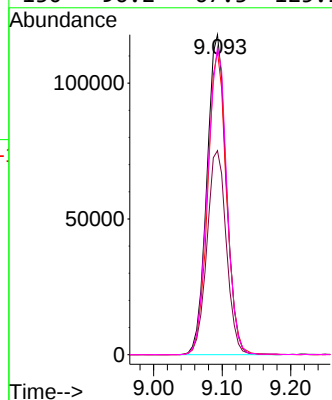
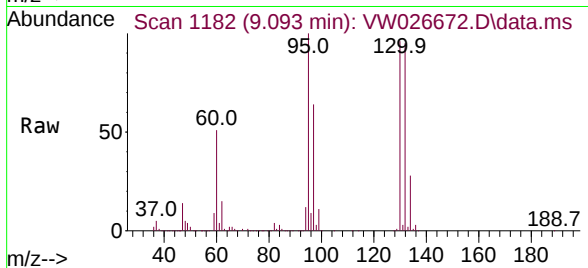
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 94.8 66.4 123.2

130 96.2 67.3 125.1



#35

Methylcyclohexane

Concen: 26.003 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

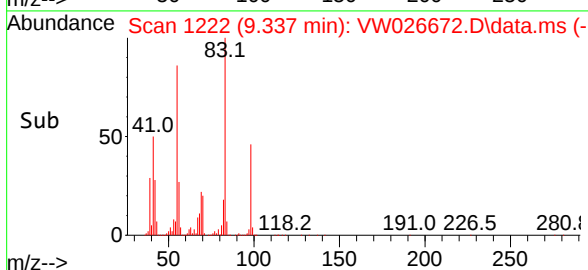
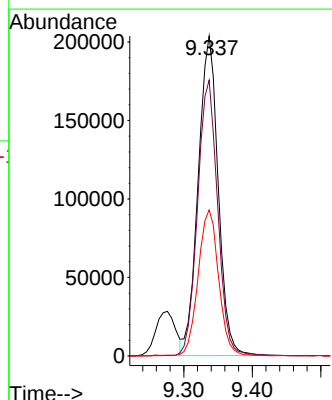
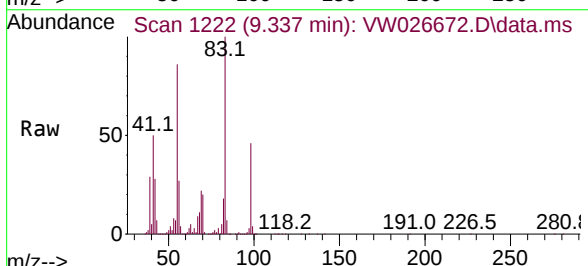
Tgt Ion: 83 Resp: 414064

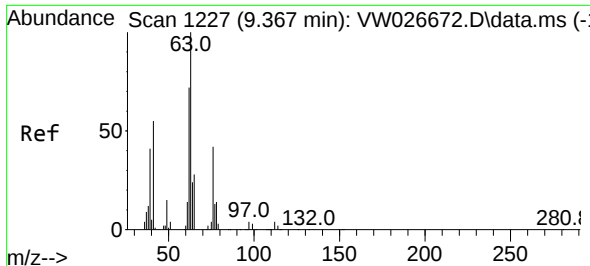
Ion Ratio Lower Upper

83 100

55 86.6 69.3 103.9

98 46.7 37.4 56.0





#37

1,2-Dichloropropane

Concen: 25.249 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

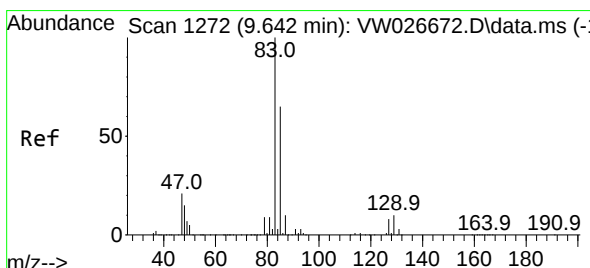
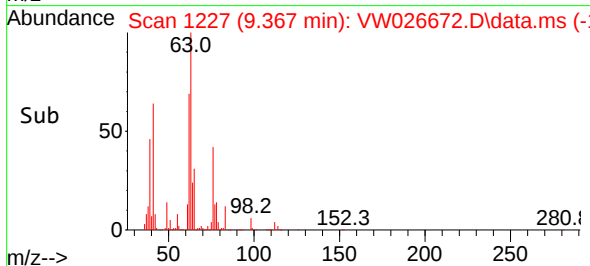
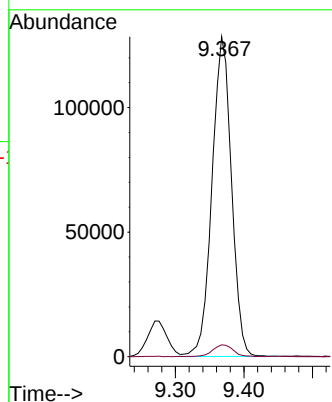
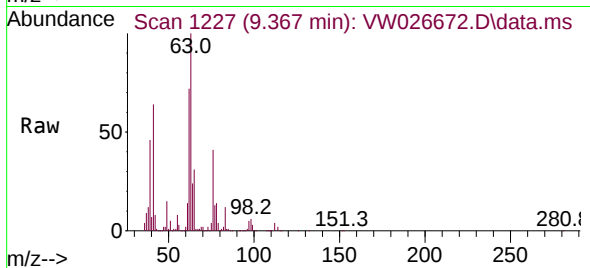
VSTD025422

Tgt Ion: 63 Resp: 252755

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 24.764 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

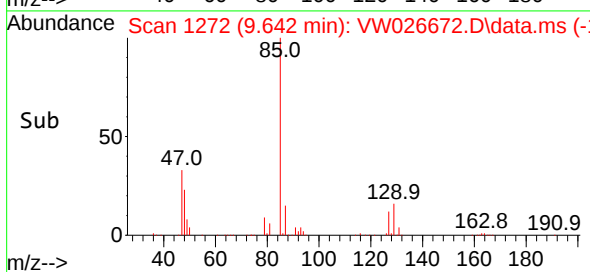
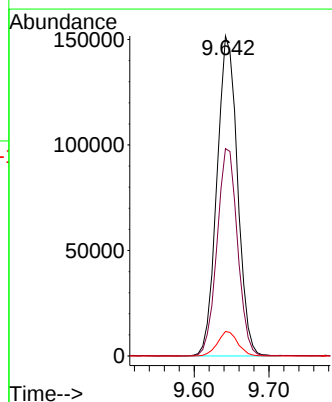
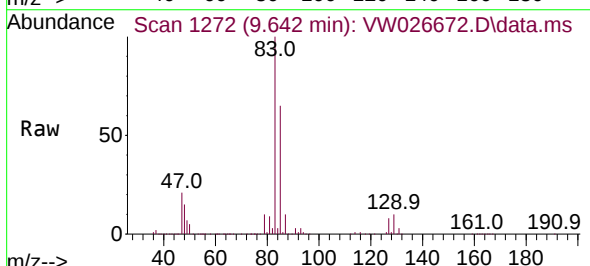
Tgt Ion: 83 Resp: 290821

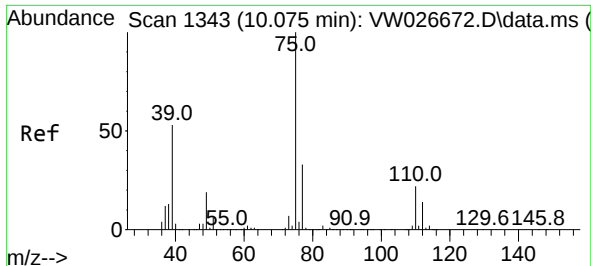
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.800 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

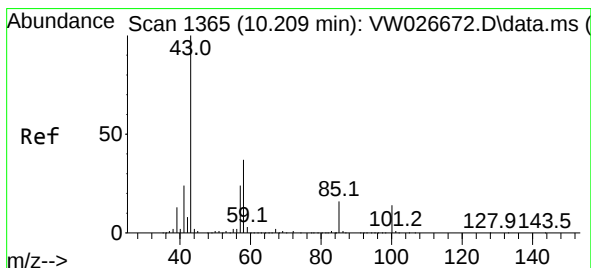
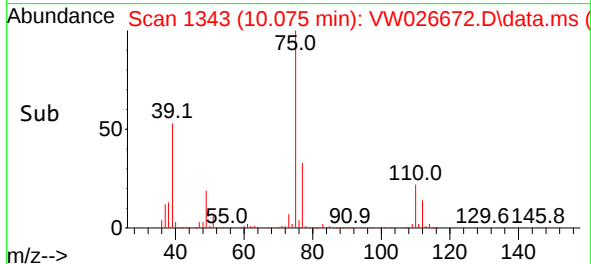
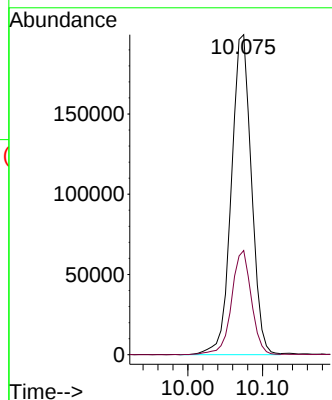
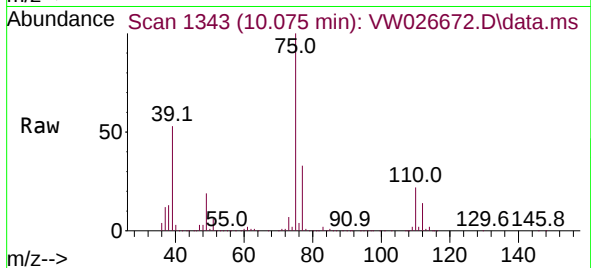
VSTD025422

Tgt Ion: 75 Resp: 371553

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 51.978 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

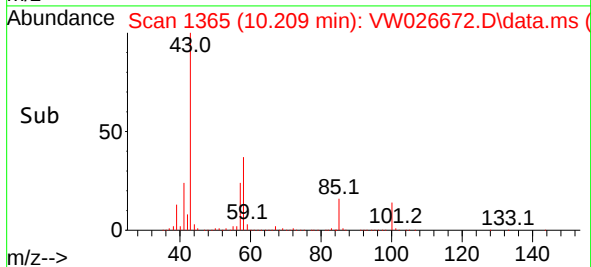
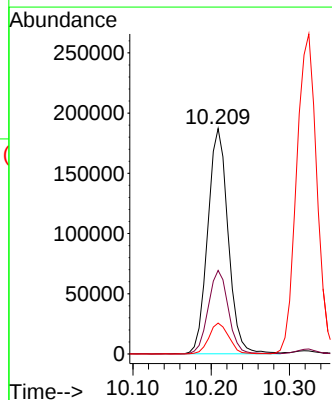
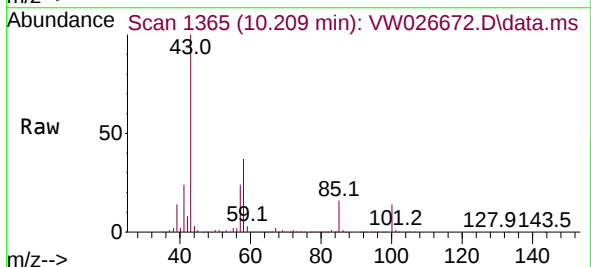
Tgt Ion: 43 Resp: 338463

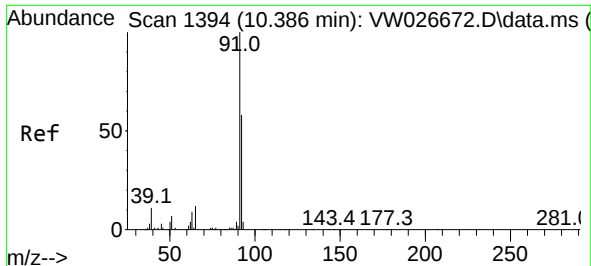
Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8

100 13.4 10.7 16.1

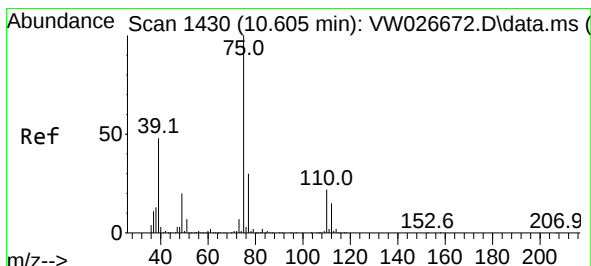
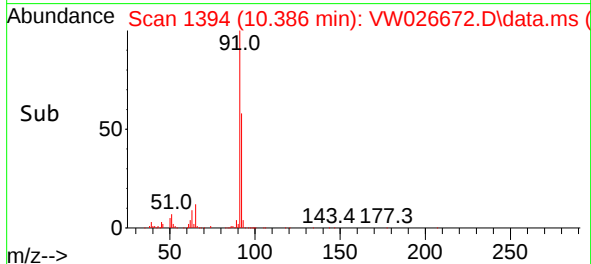
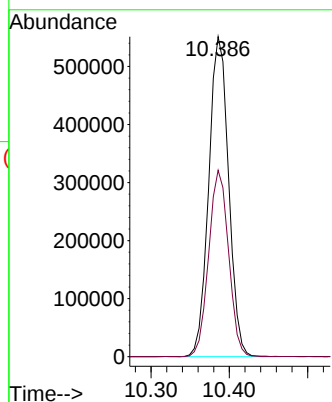
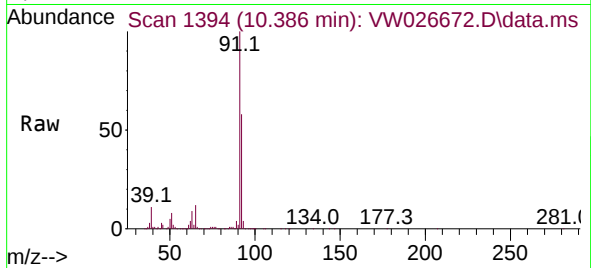




#42
Toluene
Concen: 26.246 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

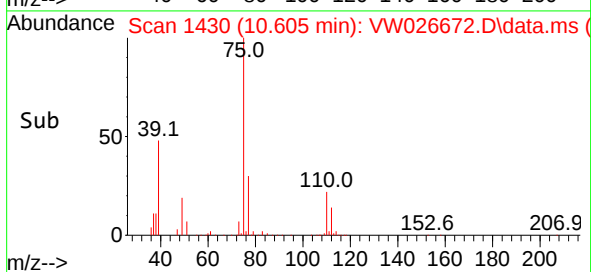
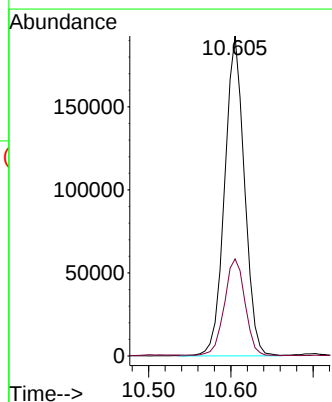
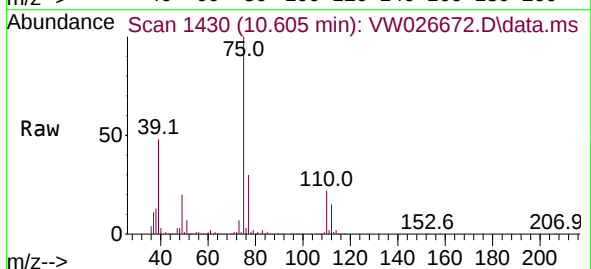
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

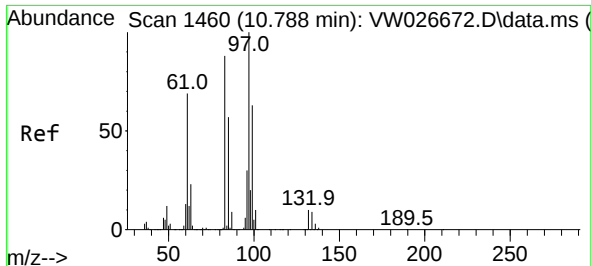
Tgt Ion: 91 Resp: 970335
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.988 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 75 Resp: 322139
Ion Ratio Lower Upper
75 100
77 30.3 21.2 39.4



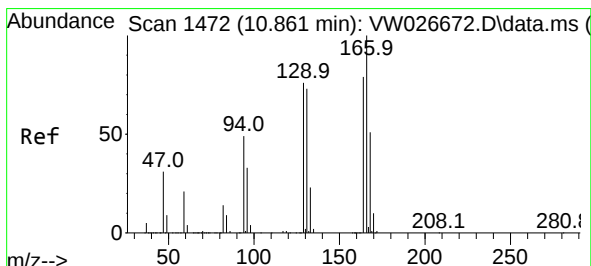
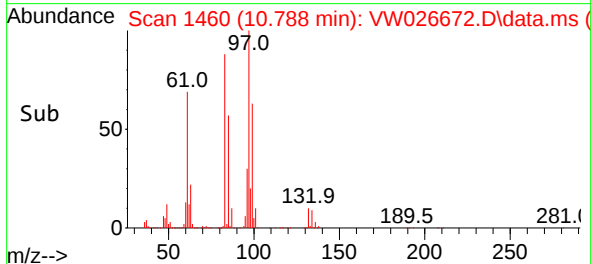
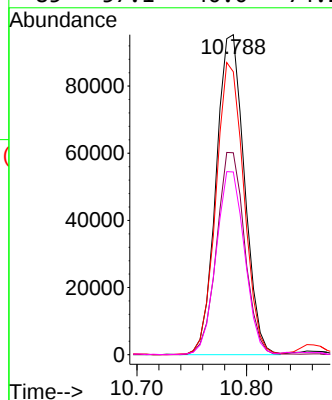
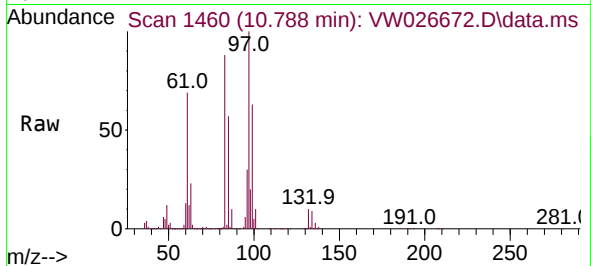


#45
1,1,2-Trichloroethane
Concen: 24.946 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

Tgt Ion: 97 Resp: 170791

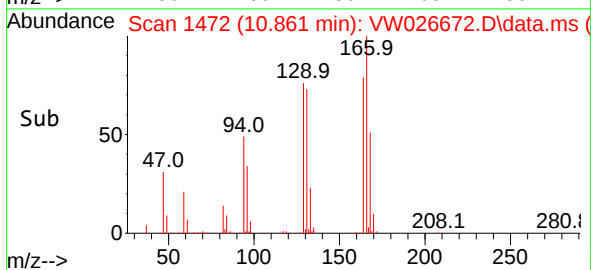
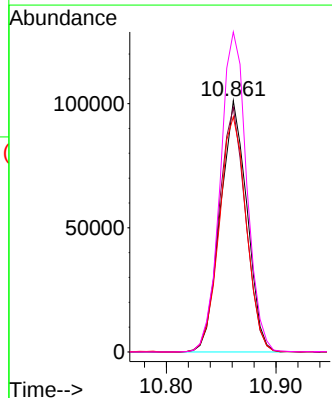
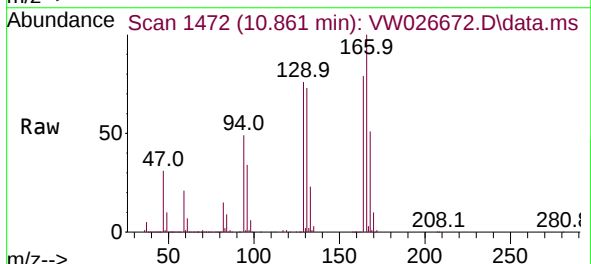
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.2	82.0
83	88.4	61.9	114.9
85	57.1	40.0	74.2

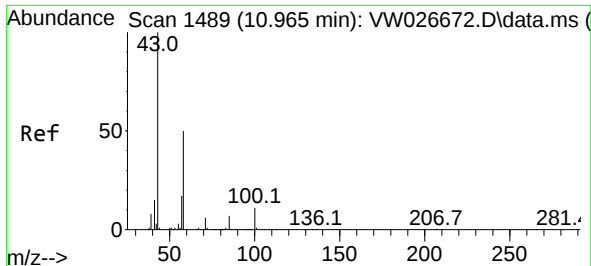


#46
Tetrachloroethene
Concen: 25.254 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 164 Resp: 170779

Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.1	126.5
131	93.6	65.5	121.7
166	127.3	89.1	165.5

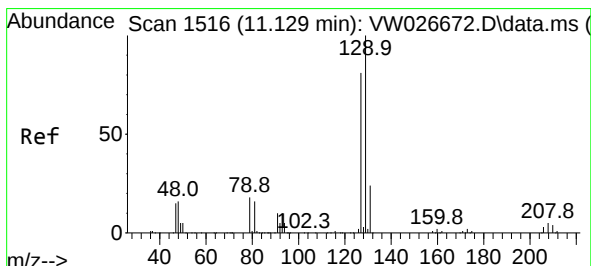
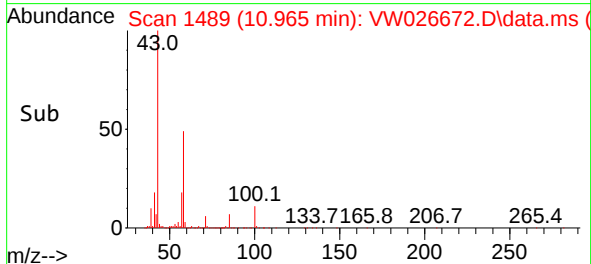
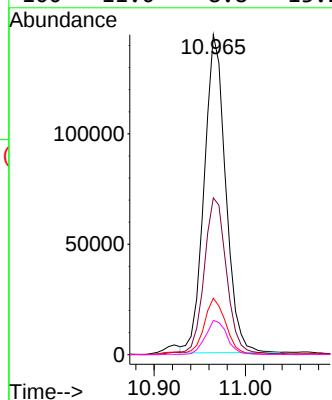
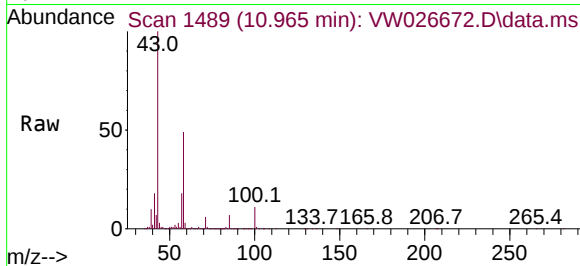




#48
2-Hexanone
Concen: 52.955 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

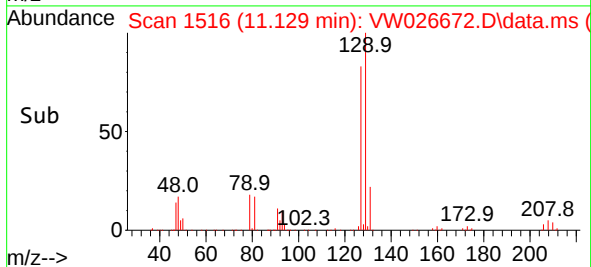
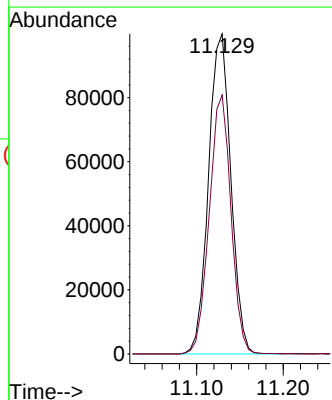
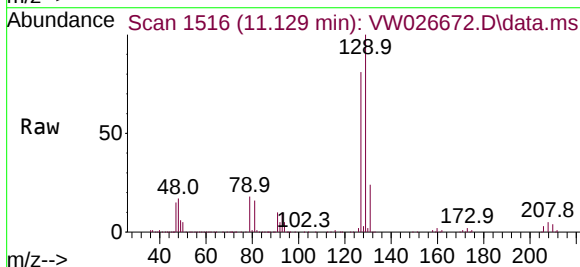
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

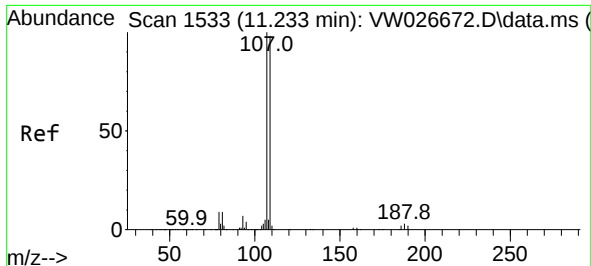
Tgt Ion: 43 Resp: 234637
Ion Ratio Lower Upper
43 100
58 51.4 41.1 61.7
57 17.9 14.3 21.5
100 11.0 8.8 13.2



#49
Dibromochloromethane
Concen: 25.019 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 129 Resp: 179149
Ion Ratio Lower Upper
129 100
127 80.9 56.6 105.2





#50

1,2-Dibromoethane

Concen: 25.110 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

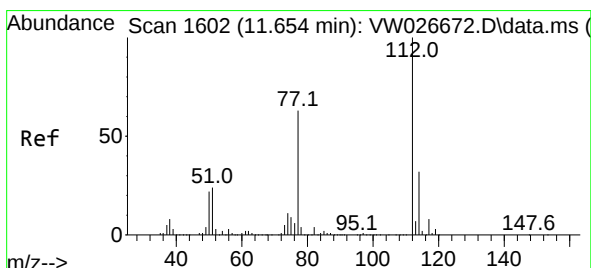
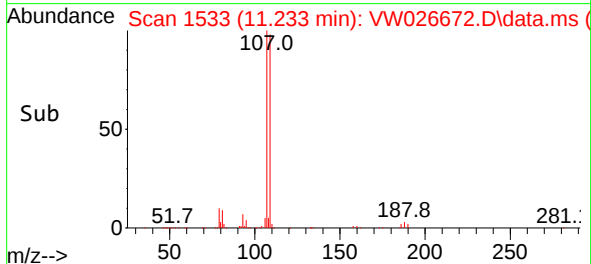
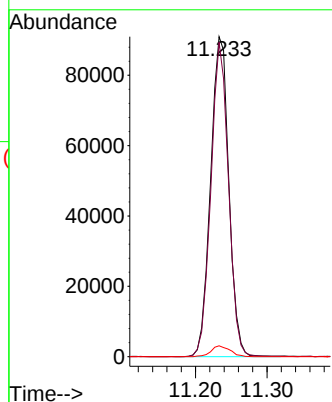
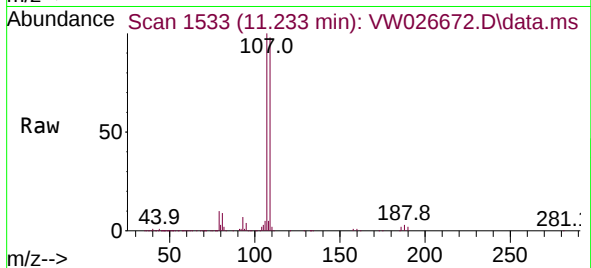
Tgt Ion:107 Resp: 161309

Ion Ratio Lower Upper

107 100

109 98.3 68.8 127.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 25.064 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

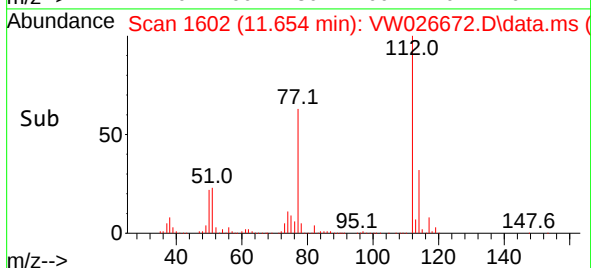
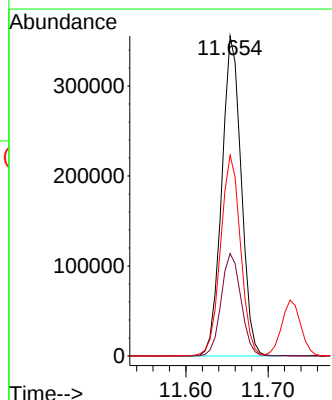
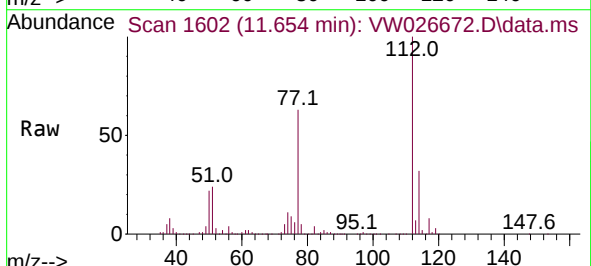
Tgt Ion:112 Resp: 585339

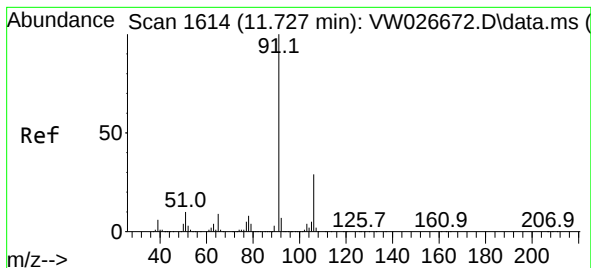
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 62.7 50.2 75.2

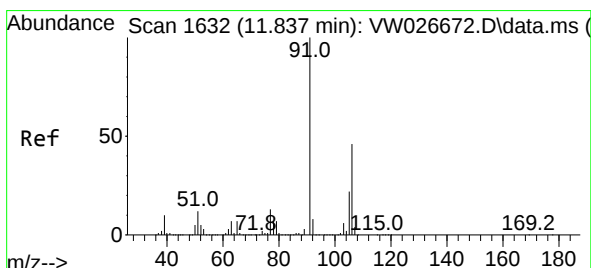
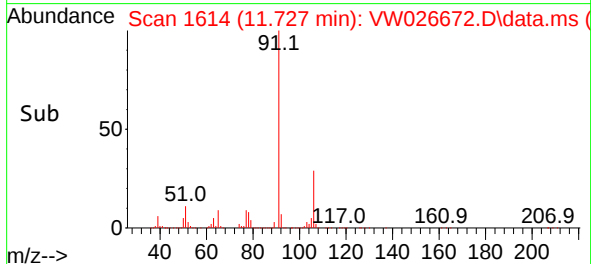
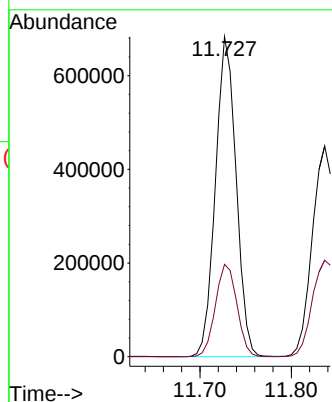
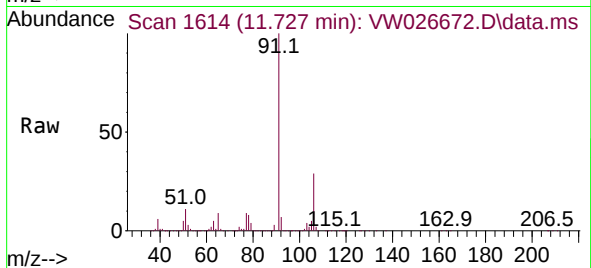




#52
Ethylbenzene
Concen: 25.919 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

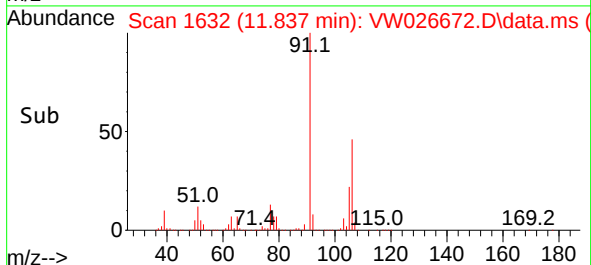
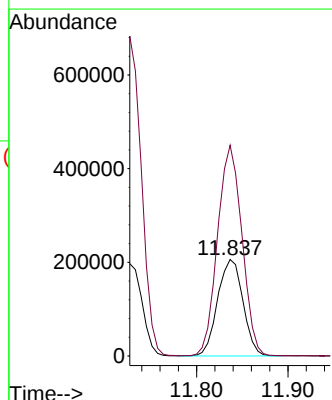
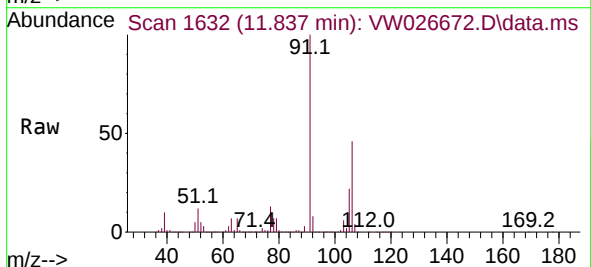
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

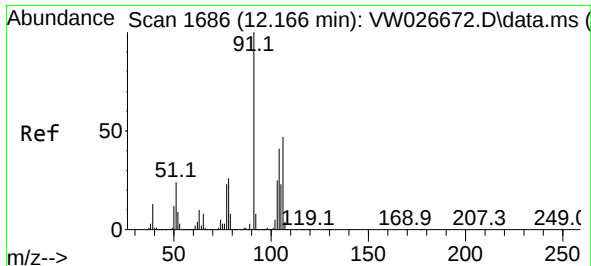
Tgt Ion: 91 Resp: 1074600
Ion Ratio Lower Upper
91 100
106 28.9 20.2 37.6



#53
m,p-Xylene
Concen: 25.777 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion: 106 Resp: 395922
Ion Ratio Lower Upper
106 100
91 218.5 152.9 284.1

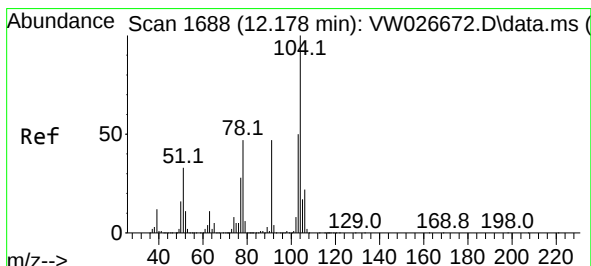
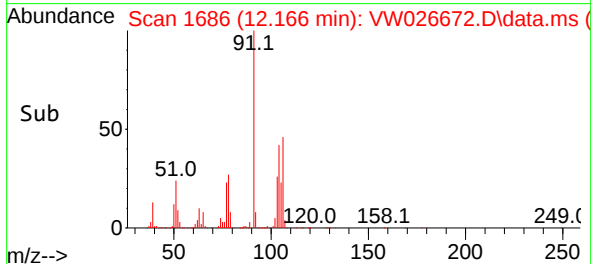
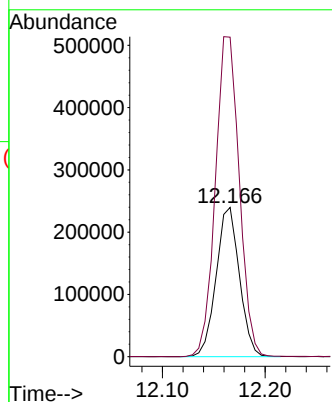
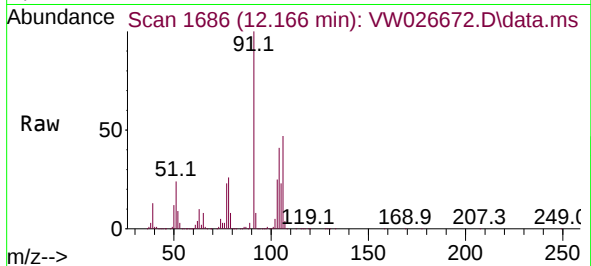




#54
o-Xylene
Concen: 26.243 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

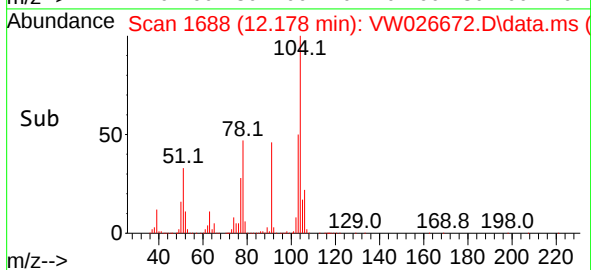
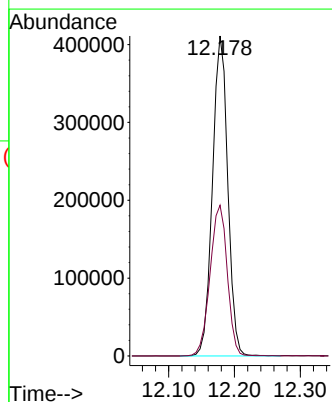
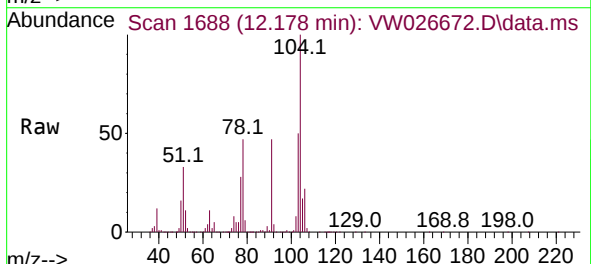
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

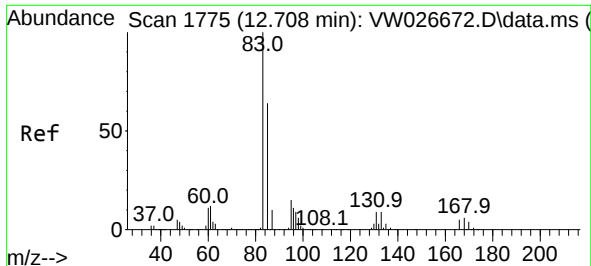
Tgt Ion:106 Resp: 376195
Ion Ratio Lower Upper
106 100
91 214.1 149.9 278.3



#55
Styrene
Concen: 26.733 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion:104 Resp: 666313
Ion Ratio Lower Upper
104 100
78 47.1 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.197 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

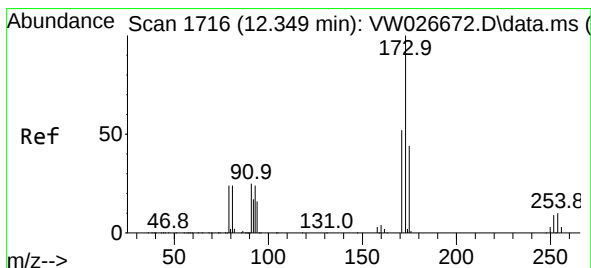
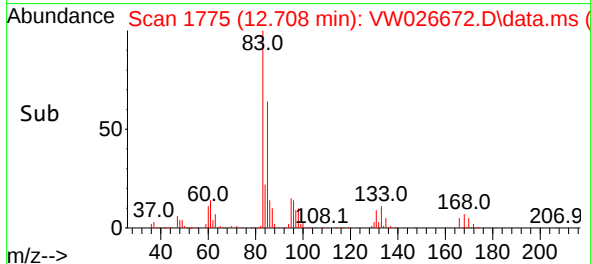
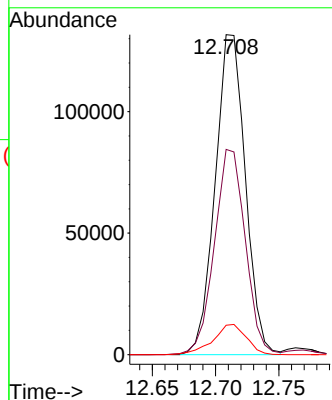
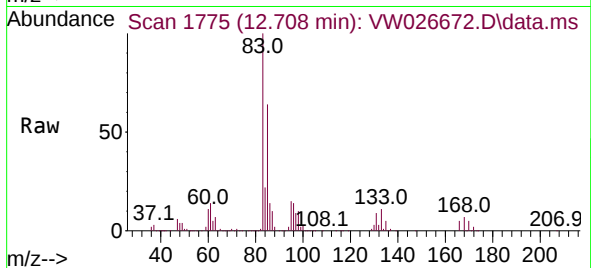
Tgt Ion: 83 Resp: 218480

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

131 9.2 7.4 11.0



#59

Bromoform

Concen: 25.495 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

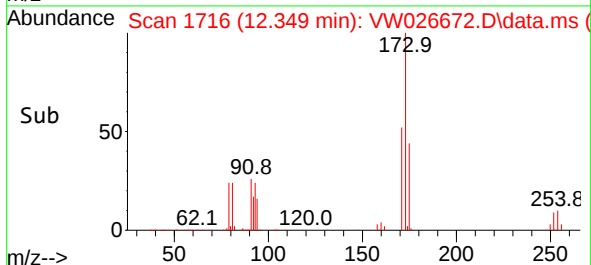
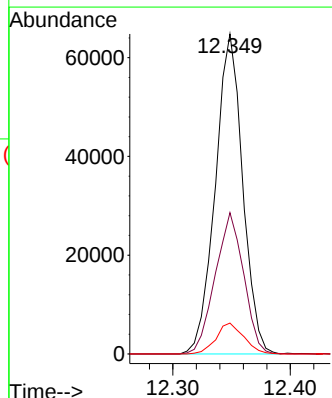
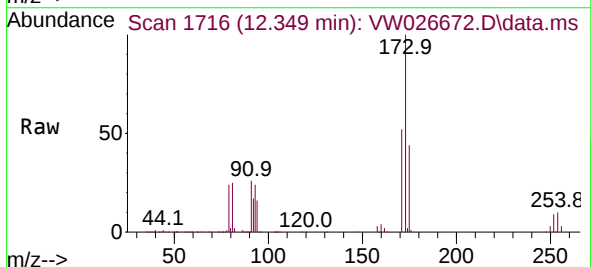
Tgt Ion:173 Resp: 104942

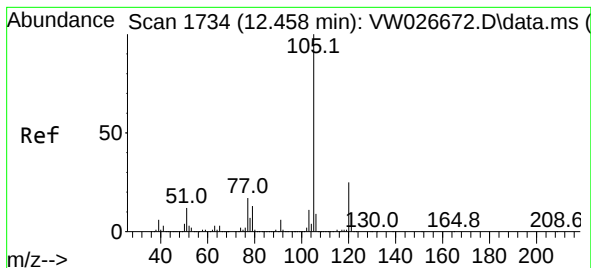
Ion Ratio Lower Upper

173 100

175 45.8 36.6 55.0

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 26.238 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

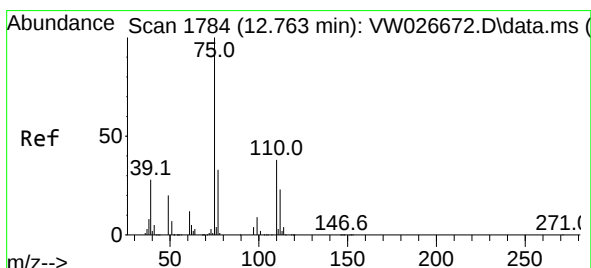
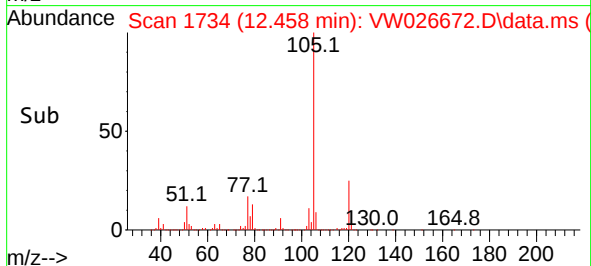
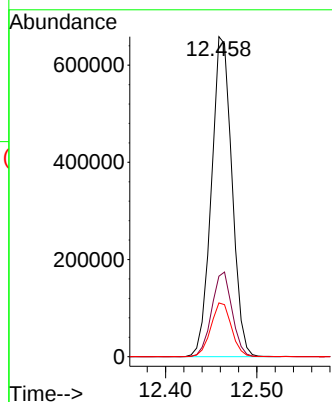
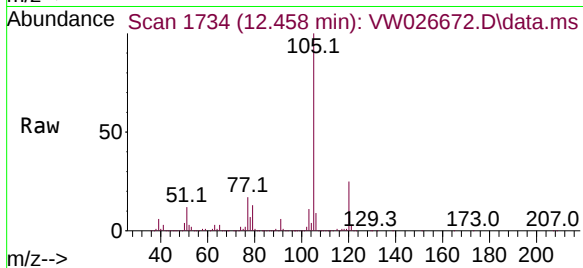
Tgt Ion:105 Resp: 1024992

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.115 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

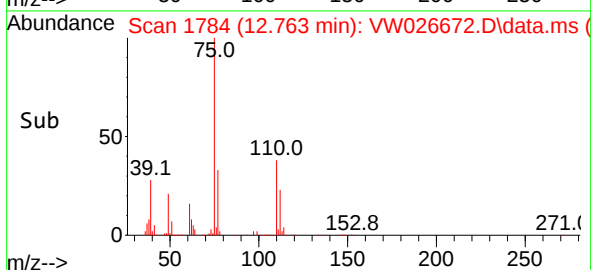
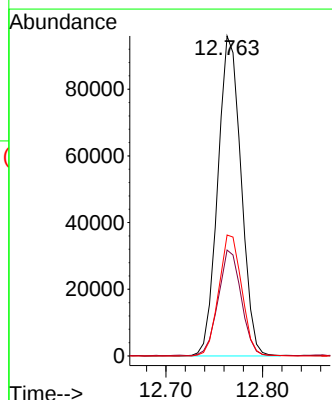
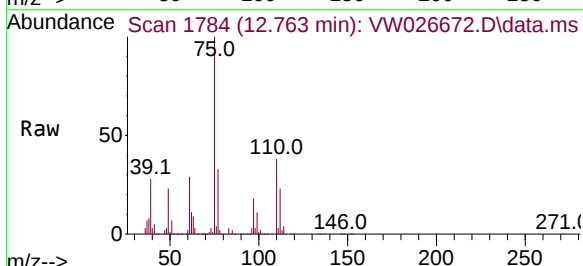
Tgt Ion: 75 Resp: 160078

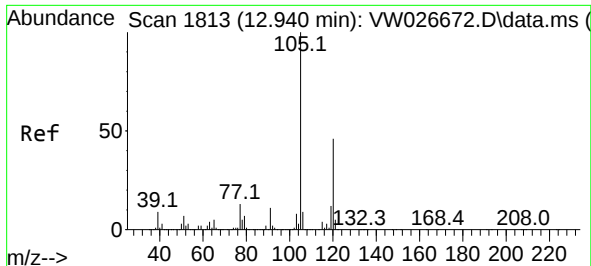
Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

110 37.4 29.9 44.9

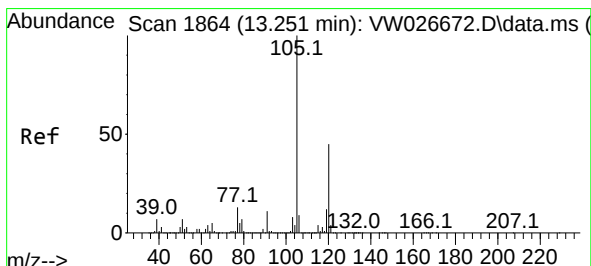
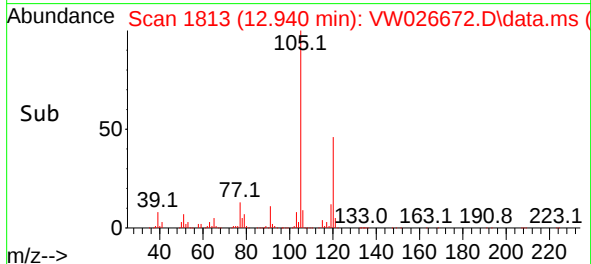
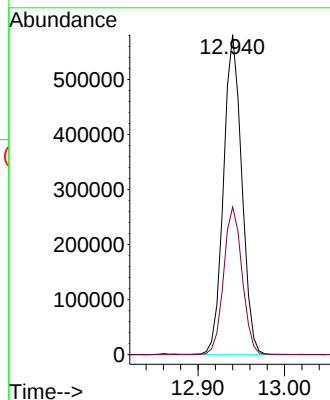
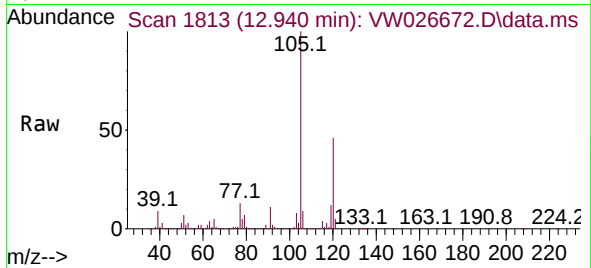




#62
1,3,5-Trimethylbenzene
Concen: 27.525 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

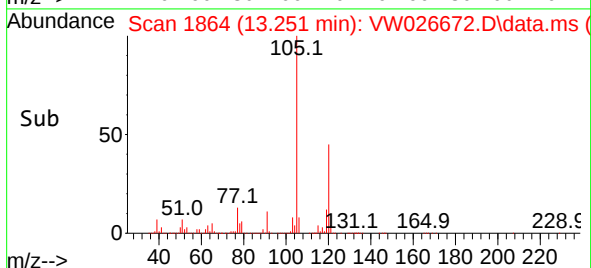
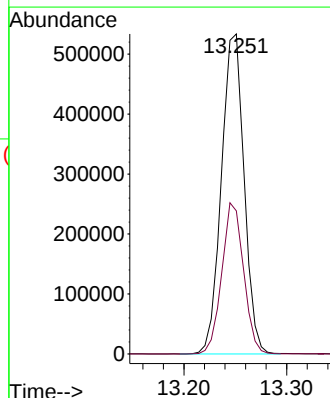
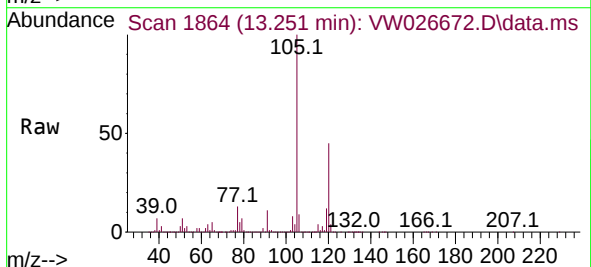
Instrument :
MSVOA_W
ClientSampleId :
VSTD025422

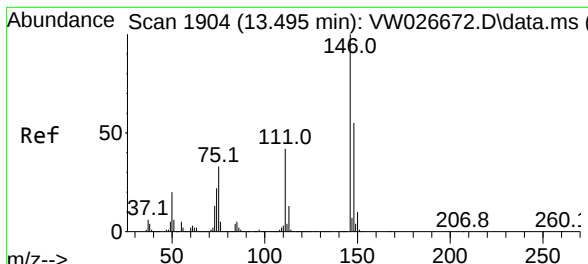
Tgt Ion:105 Resp: 849922
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.038 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VW026672.D
Acq: 10 Aug 2023 11:08

Tgt Ion:105 Resp: 818107
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4

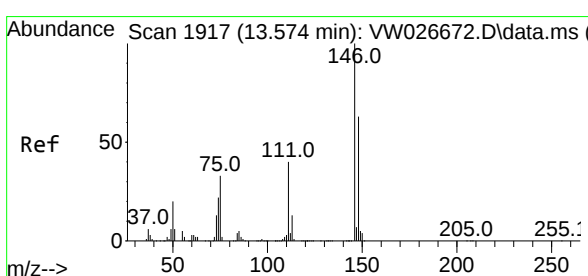
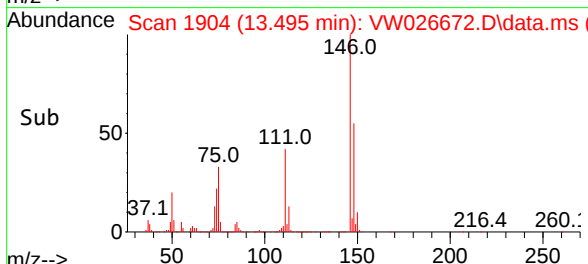
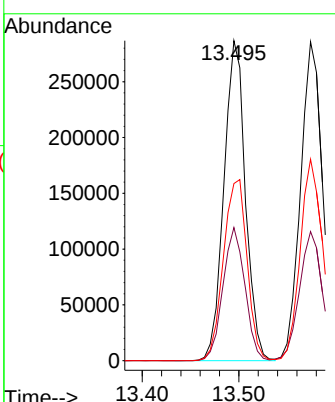
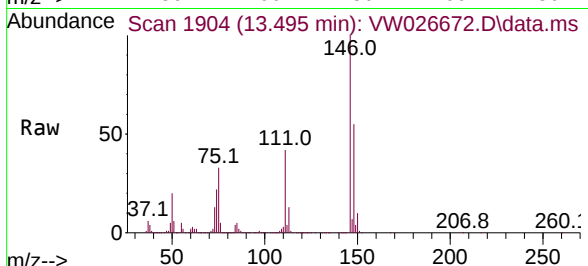




#64
 1,3-Dichlorobenzene
 Concen: 26.135 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

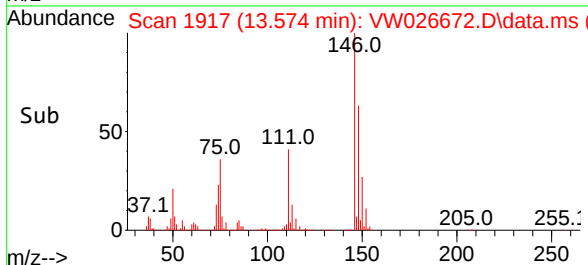
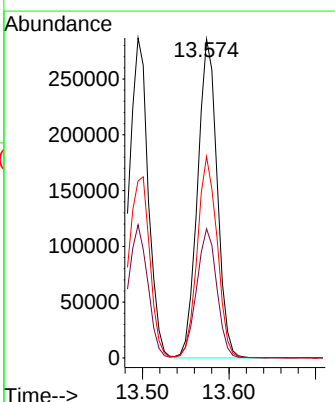
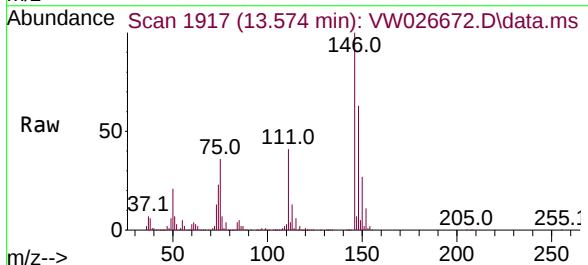
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025422

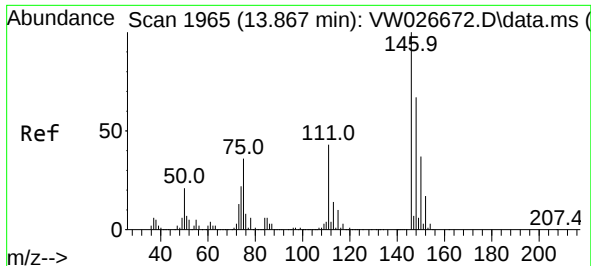
Tgt Ion:	146	Resp:	444022
Ion Ratio	Lower	Upper	
146	100		
111	41.6	29.1	54.1
148	55.4	38.8	72.0



#65
 1,4-Dichlorobenzene
 Concen: 25.316 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW026672.D
 Acq: 10 Aug 2023 11:08

Tgt Ion:	146	Resp:	448866
Ion Ratio	Lower	Upper	
146	100		
111	40.5	28.3	52.7
148	63.2	44.2	82.2





#67

1,2-Dichlorobenzene

Concen: 25.003 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

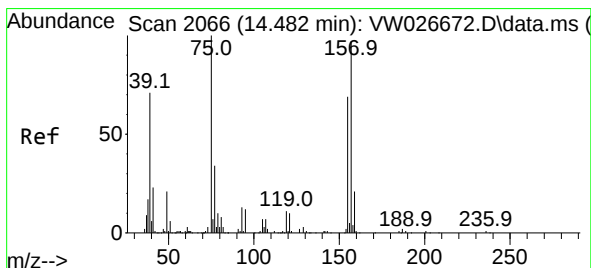
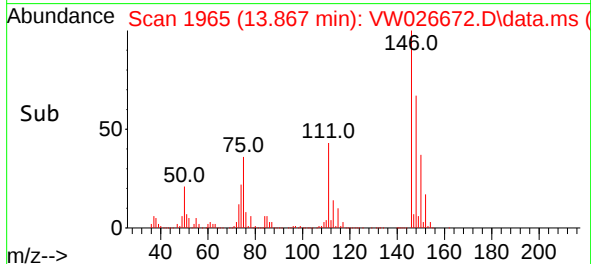
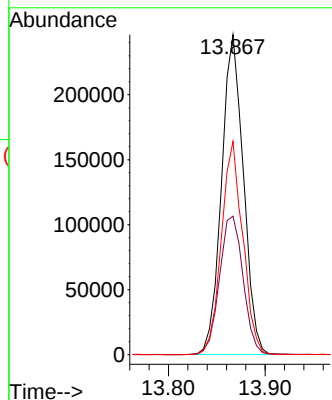
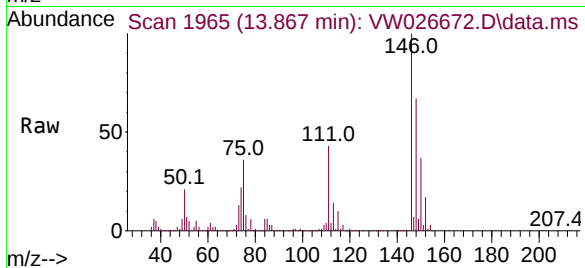
Tgt Ion:146 Resp: 386293

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 66.7 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.938 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

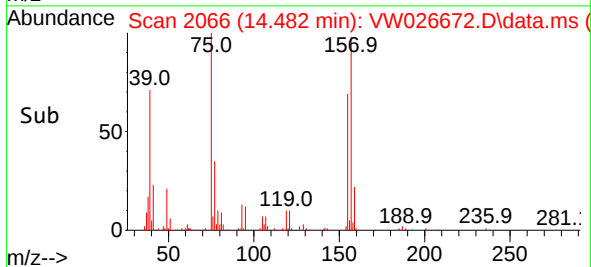
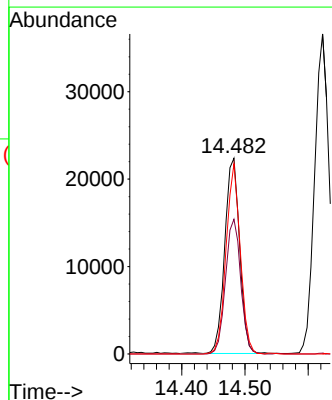
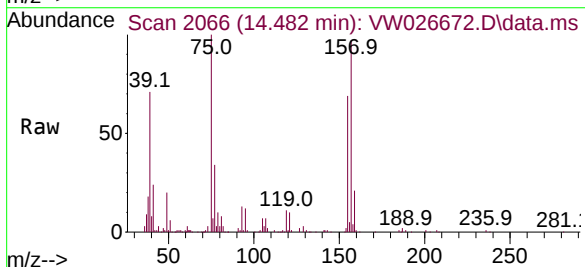
Tgt Ion: 75 Resp: 36492

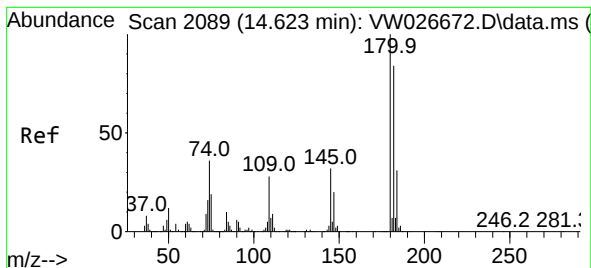
Ion Ratio Lower Upper

75 100

155 68.8 55.0 82.6

157 97.2 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 25.411 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

Tgt Ion:180 Resp: 291675

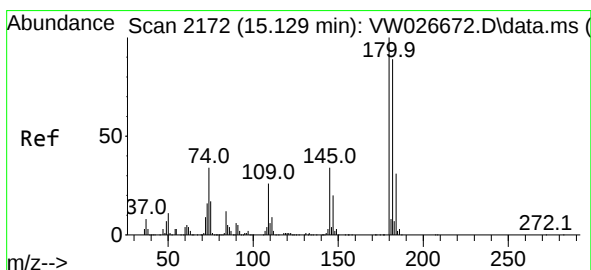
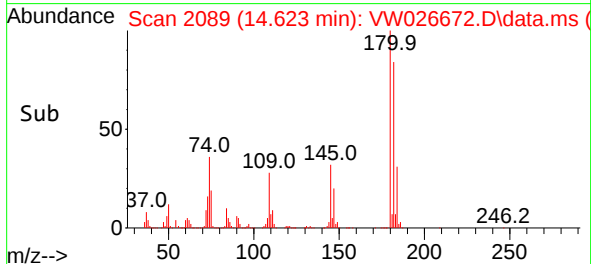
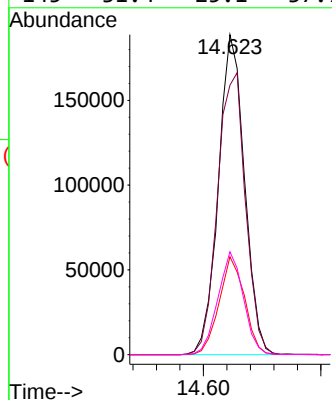
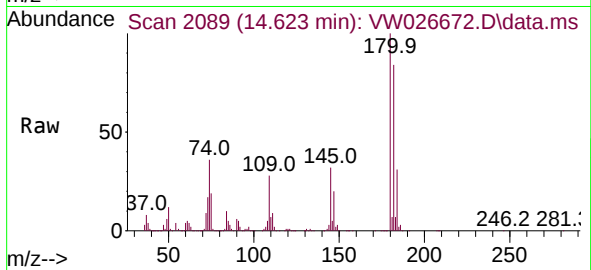
Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

184 29.8 23.8 35.8

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 25.275 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

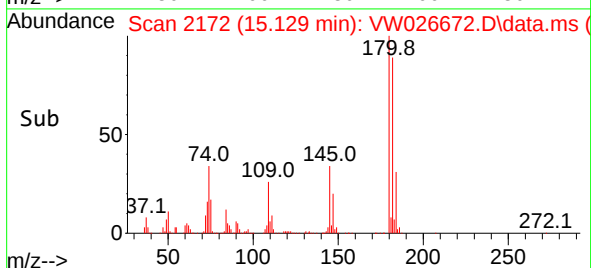
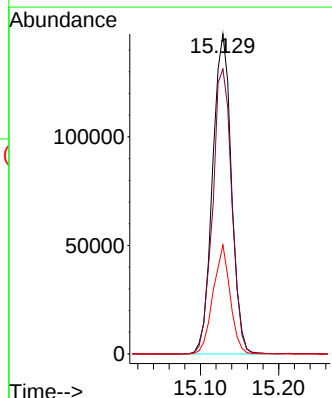
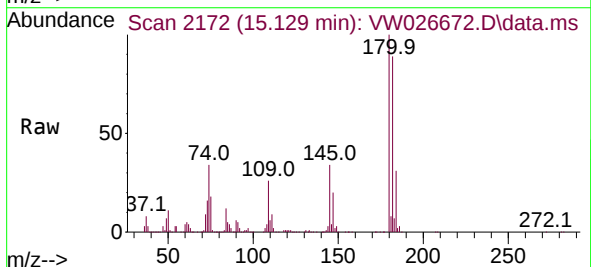
Tgt Ion:180 Resp: 245977

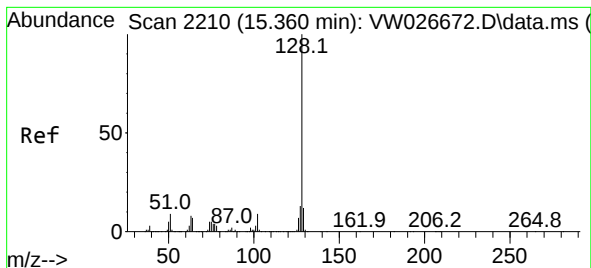
Ion Ratio Lower Upper

180 100

182 90.6 72.5 108.7

145 30.9 24.7 37.1





#71

Naphthalene

Concen: 26.155 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025422

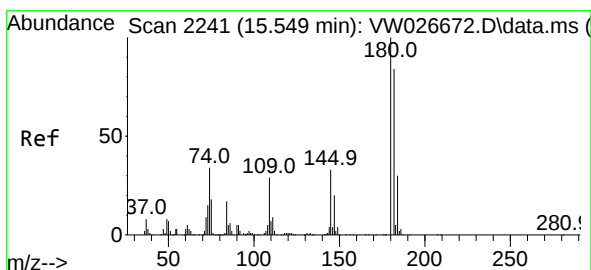
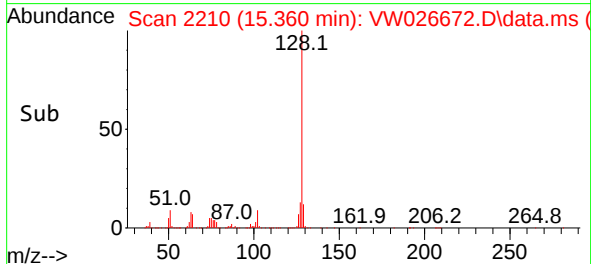
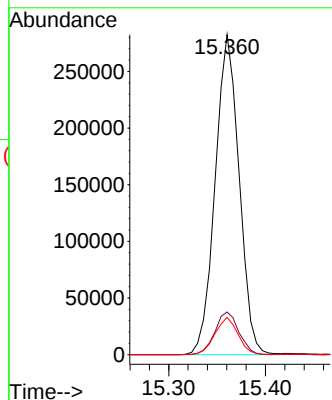
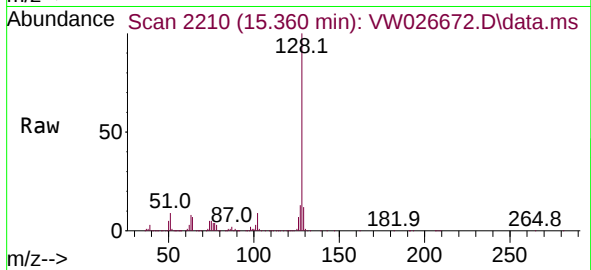
Tgt Ion:128 Resp: 485534

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.701 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026672.D

Acq: 10 Aug 2023 11:08

Tgt Ion:180 Resp: 225595

Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 33.8 27.0 40.6

