

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042623\
 Data File : VW025712.D
 Acq On : 26 Apr 2023 19:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Apr 27 01:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	532723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	272401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	235155	23.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
7) Chloroethane-d5	2.899	69	152824	21.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.033	63	466159	23.413	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.640%
21) 2-Butanone-d5	7.075	46	136573	62.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.360%
24) Chloroform-d	7.648	84	417630	24.585	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.307	65	235183	26.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.440%
32) Benzene-d6	8.276	84	862078	24.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	9.270	67	270561	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.325	98	771919	25.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.575	79	107852	26.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.000%
47) 2-Hexanone-d5	10.922	63	93332	63.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	211824	29.179	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	231507	24.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	173460	20.502	ug/L	97
3) Chloromethane	2.223	50	233137	23.751	ug/L	99
5) Vinyl chloride	2.375	62	258710	23.842	ug/L	99
6) Bromomethane	2.790	94	135605	23.231	ug/L	99
8) Chloroethane	2.936	64	134295	22.098	ug/L	96
9) Trichlorofluoromethane	3.271	101	196598	23.518	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	201483	24.018	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	201432	23.989	ug/L	93
13) Acetone	4.119	43	126329	67.960	ug/L	99
14) Carbon disulfide	4.393	76	601629	20.308	ug/L	99
15) Methyl Acetate	4.673	43	128755	30.830	ug/L	96
16) Methylene chloride	4.917	84	249368	25.930	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	210977	23.633	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	343996	27.922	ug/L	99
19) 1,1-Dichloroethane	6.222	63	456848	25.614	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	232027	24.980	ug/L #	97
22) 2-Butanone	7.173	43	179445	67.906	ug/L	99
23) Bromochloromethane	7.514	128	98100	25.754	ug/L	91
25) Chloroform	7.679	83	423713	25.978	ug/L	100

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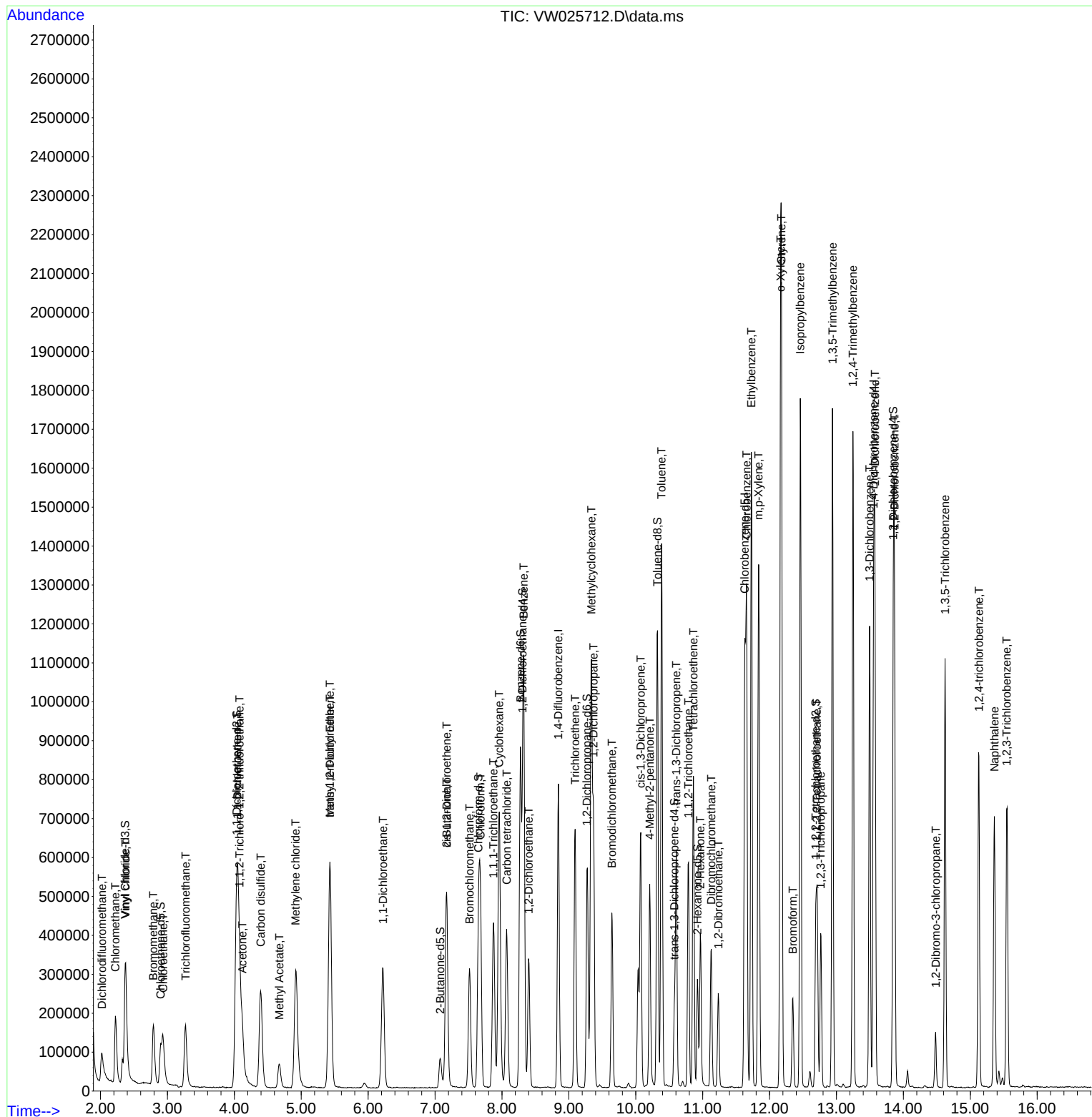
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298688	27.289	ug/L	99
29) Cyclohexane	7.959	56	415313	24.087	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	335764	25.366	ug/L	99
31) Carbon tetrachloride	8.069	117	304568	25.479	ug/L	100
33) Benzene	8.325	78	935303	25.224	ug/L	100
34) Trichloroethene	9.093	95	238479	24.726	ug/L	95
35) Methylcyclohexane	9.337	83	416531	23.917	ug/L	99
37) 1,2-Dichloropropane	9.368	63	260076	26.558	ug/L	100
38) Bromodichloromethane	9.642	83	296900	26.498	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	375019	26.697	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	363750	65.624	ug/L	100
42) Toluene	10.386	91	968874	25.660	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	315344	27.224	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	176397	28.250	ug/L	98
46) Tetrachloroethene	10.861	164	166697	24.574	ug/L	93
48) 2-Hexanone	10.965	43	260310	67.970	ug/L	97
49) Dibromochloromethane	11.130	129	179795	27.349	ug/L	97
50) 1,2-Dibromoethane	11.233	107	163166	28.440	ug/L	96
51) Chlorobenzene	11.654	112	598986	25.745	ug/L	99
52) Ethylbenzene	11.727	91	1104606	25.853	ug/L	98
53) m,p-Xylene	11.837	106	405558	25.883	ug/L	99
54) o-Xylene	12.166	106	391229	26.690	ug/L	92
55) Styrene	12.178	104	678719	27.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	224144	29.969	ug/L	99
59) Bromoform	12.349	173	103137	27.631	ug/L	94
60) Isopropylbenzene	12.459	105	1095004	25.662	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	165380	29.293	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	882237	26.191	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	860003	26.515	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	439038	24.828	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	439737	24.350	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	405693	26.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	36140	29.181	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	309409	26.135	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	252536	26.259	ug/L	96
71) Naphthalene	15.361	128	567580	31.628	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	233630	27.785	ug/L	99

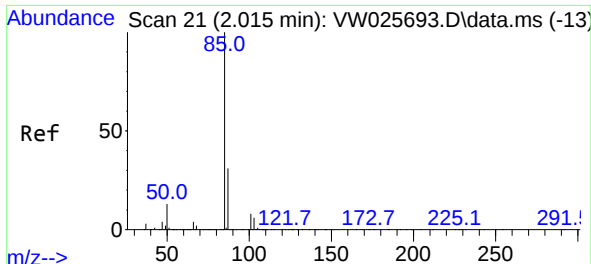
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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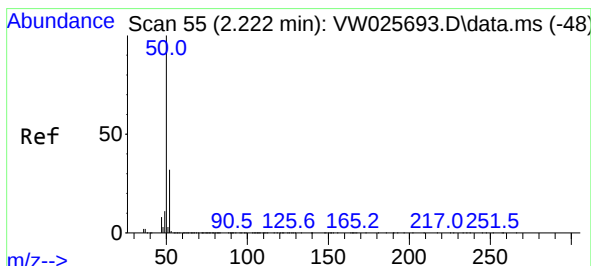
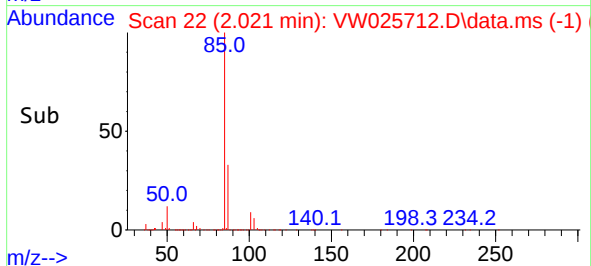
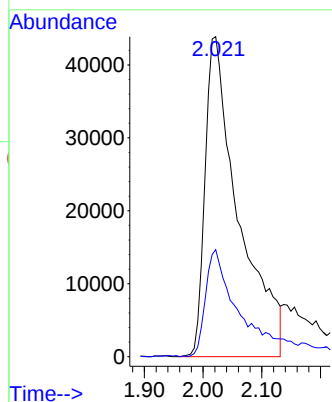
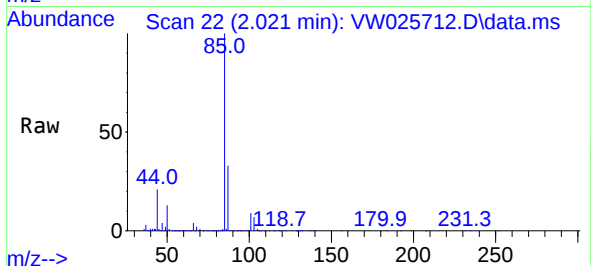




#2
Dichlorodifluoromethane
Concen: 20.502 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025712.D
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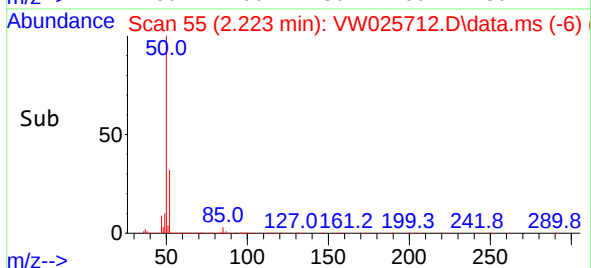
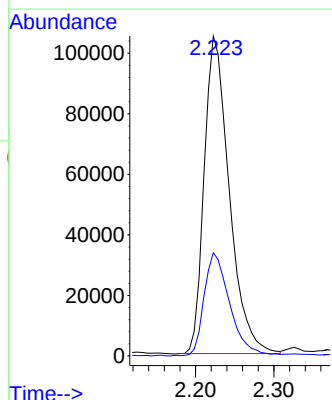
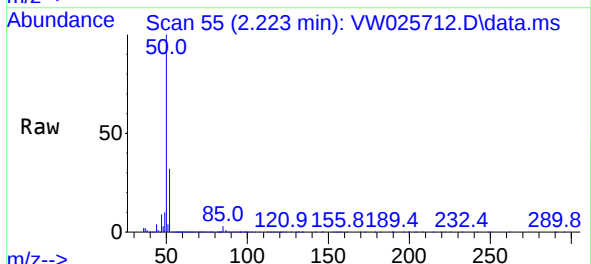
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MSVOA_W
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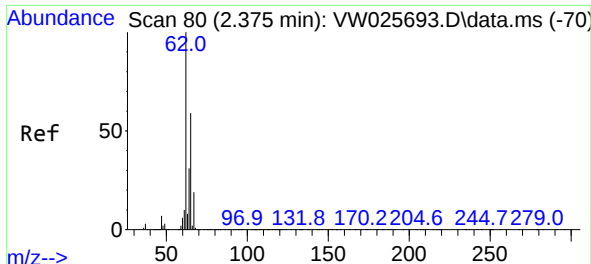
Tgt Ion: 85 Resp: 173460
Ion Ratio Lower Upper
85 100
87 29.3 24.6 37.0



#3
Chloromethane
Concen: 23.751 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 50 Resp: 233137
Ion Ratio Lower Upper
50 100
52 32.3 22.2 41.2

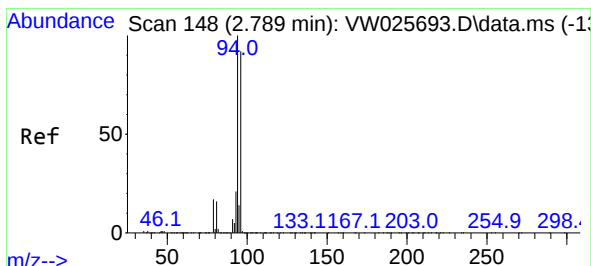
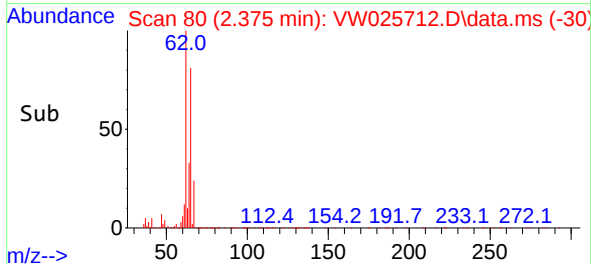
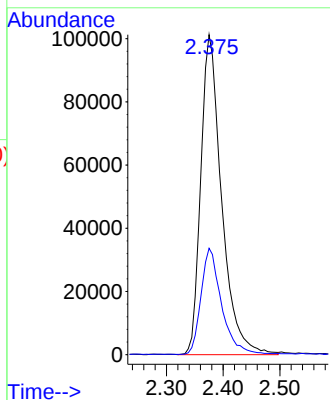
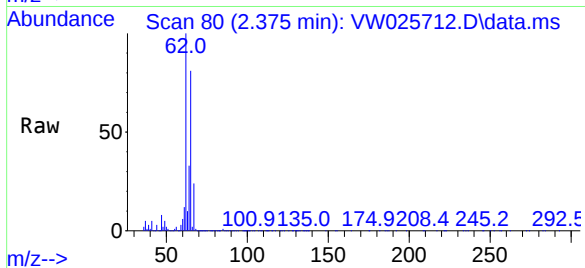




#5
 Vinyl chloride
 Concen: 23.842 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW025712.D
 Acq: 26 Apr 2023 19:18

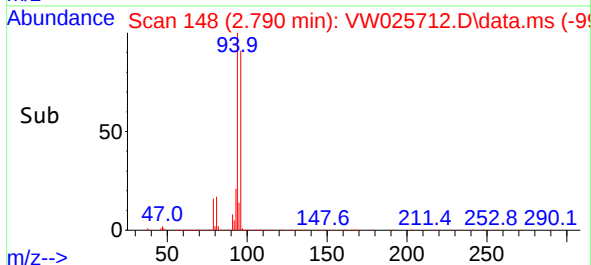
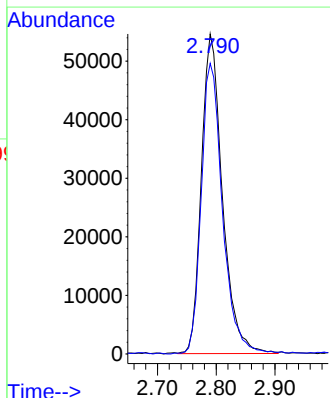
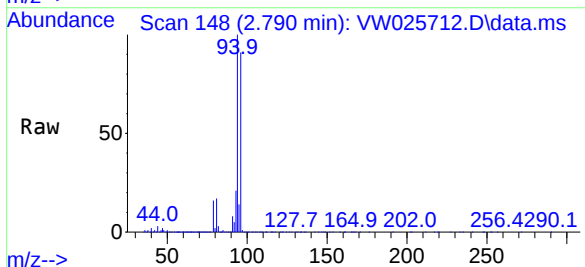
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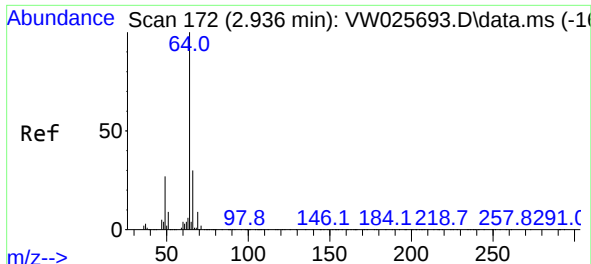
Tgt Ion: 62 Resp: 258710
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.9 44.3



#6
 Bromomethane
 Concen: 23.231 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025712.D
 Acq: 26 Apr 2023 19:18

Tgt Ion: 94 Resp: 135605
 Ion Ratio Lower Upper
 94 100
 96 90.8 64.0 118.8

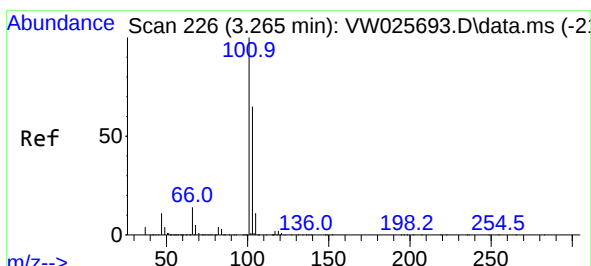
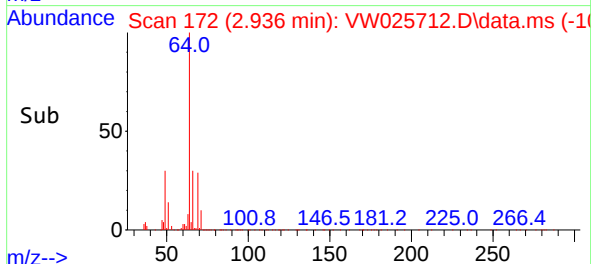
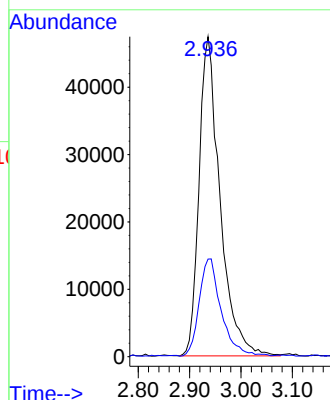
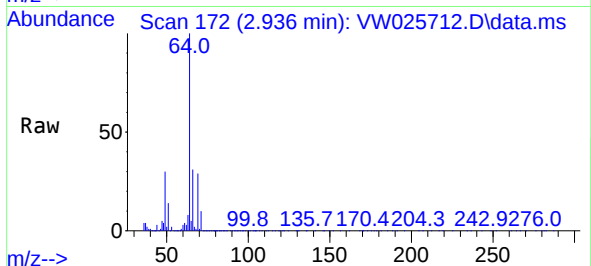




#8
Chloroethane
Concen: 22.098 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

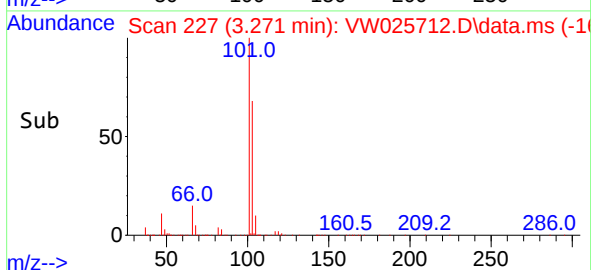
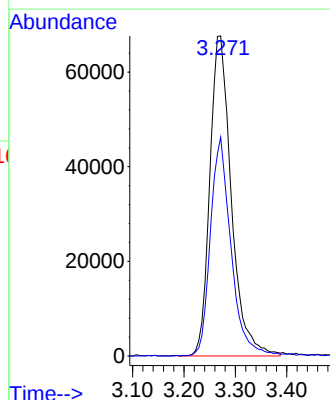
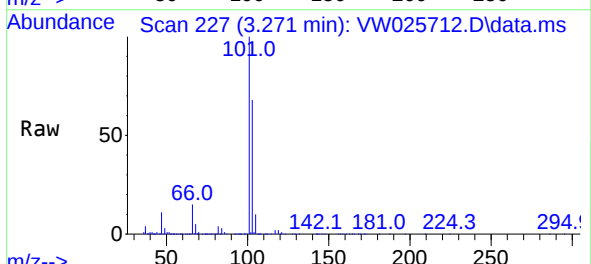
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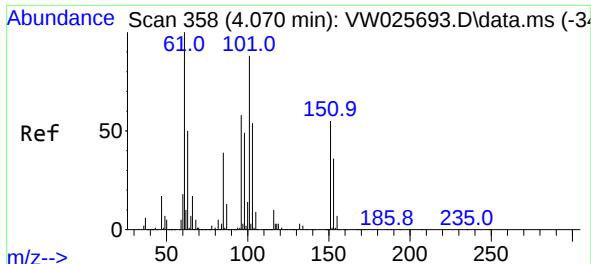
Tgt Ion: 64 Resp: 134295
Ion Ratio Lower Upper
64 100
66 30.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.518 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 101 Resp: 196598
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

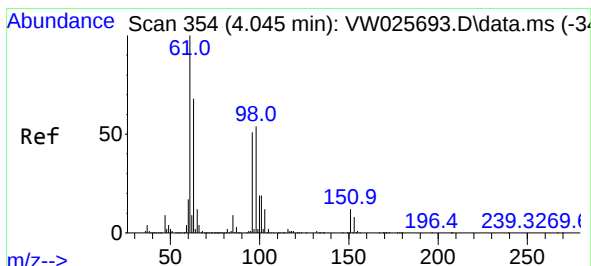
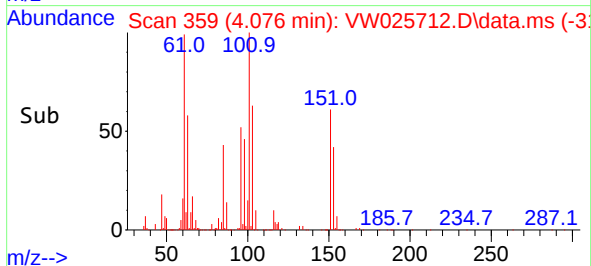
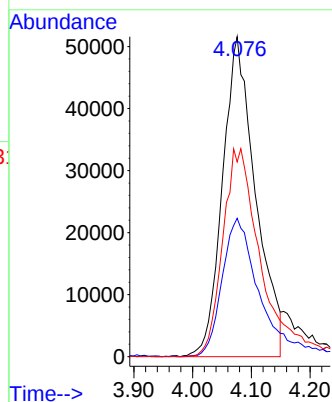
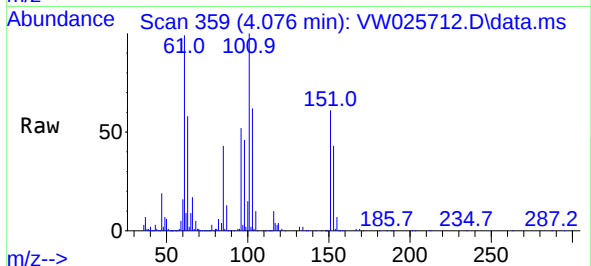




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.018 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW025712.D
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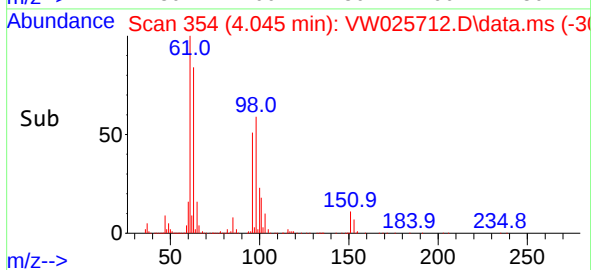
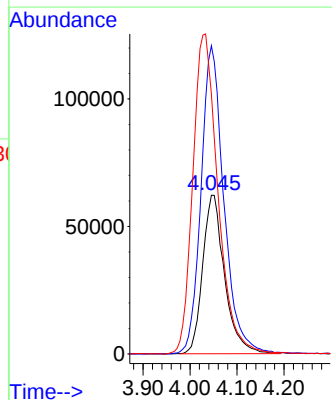
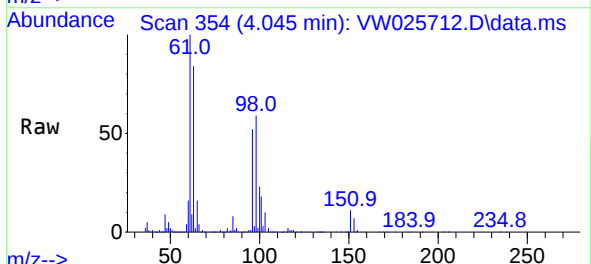
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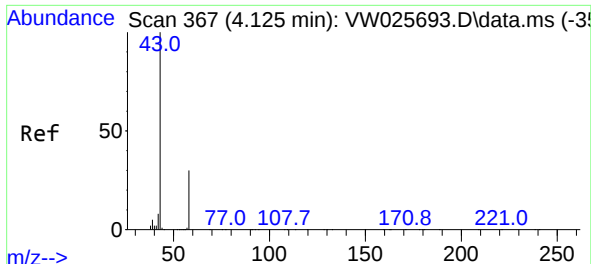
Tgt Ion:101 Resp: 201483
Ion Ratio Lower Upper
101 100
85 47.1 34.5 51.7
151 30.7 54.8 82.2#



#12
1,1-Dichloroethene
Concen: 23.989 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 96 Resp: 201432
Ion Ratio Lower Upper
96 100
61 194.1 132.7 246.4
63 163.7 105.0 195.0

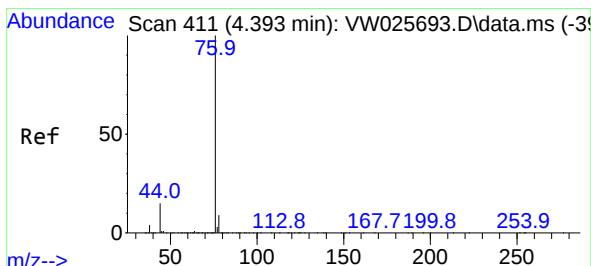
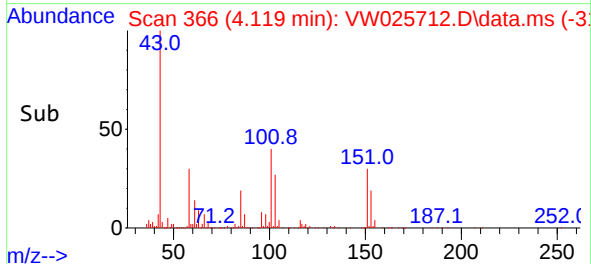
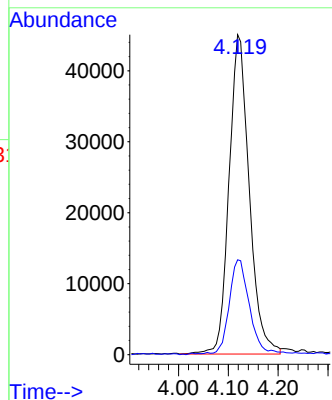
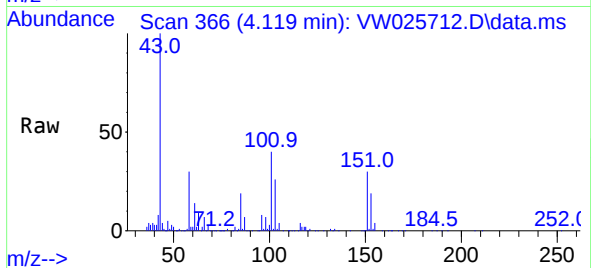




#13
Acetone
Concen: 67.960 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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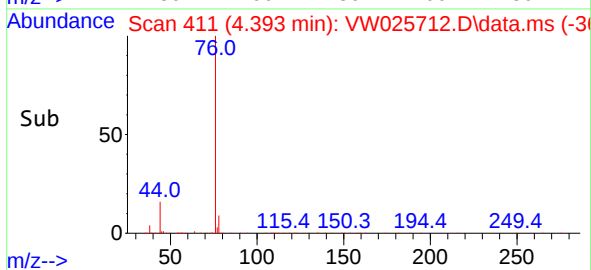
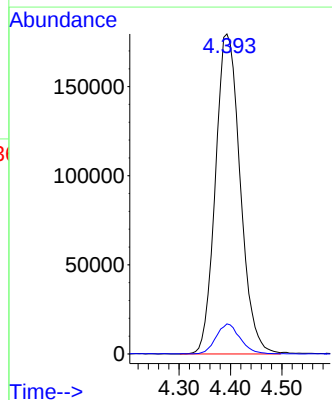
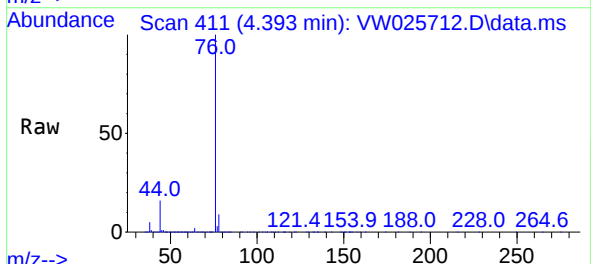
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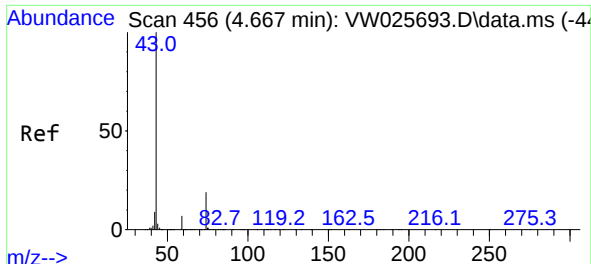
Tgt Ion: 43 Resp: 126329
Ion Ratio Lower Upper
43 100
58 28.0 0.0 57.4



#14
Carbon disulfide
Concen: 20.308 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 601629
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

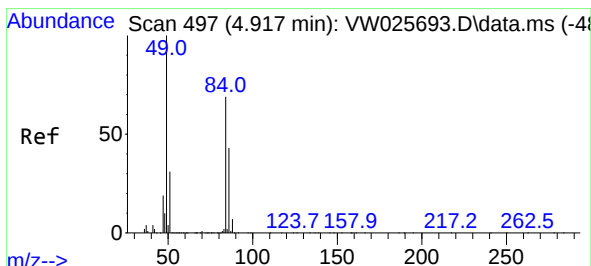
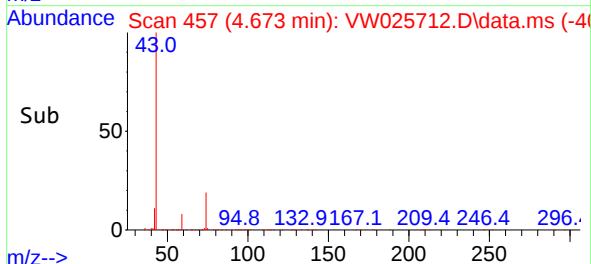
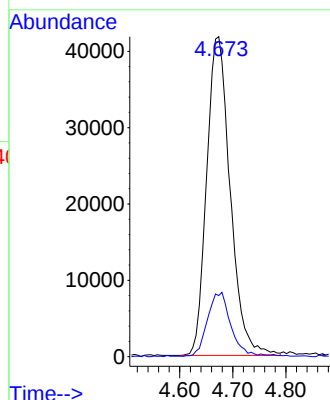
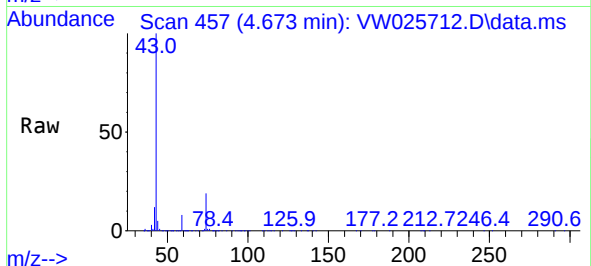




#15
Methyl Acetate
Concen: 30.830 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

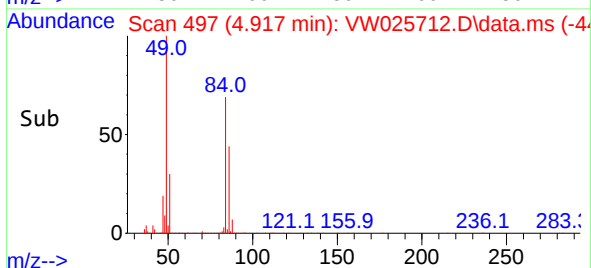
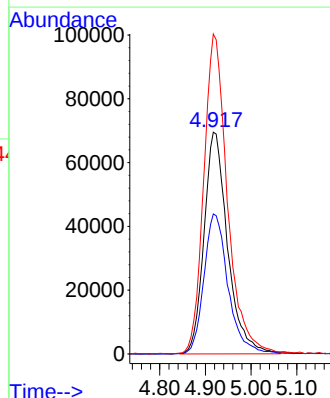
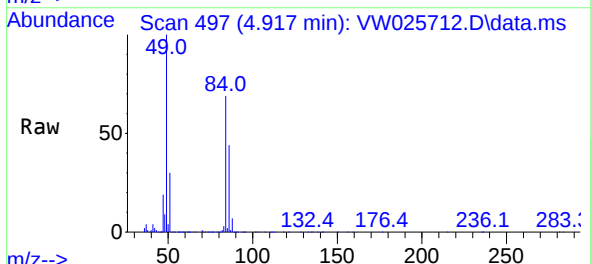
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

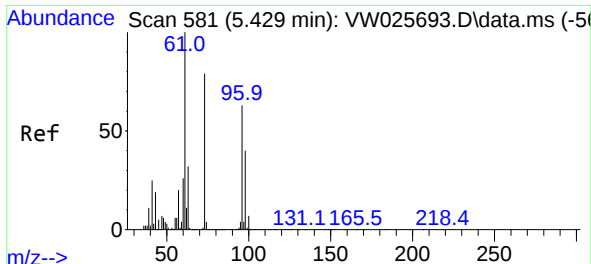
Tgt Ion: 43 Resp: 128755
Ion Ratio Lower Upper
43 100
74 19.3 17.0 25.4



#16
Methylene chloride
Concen: 25.930 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 84 Resp: 249368
Ion Ratio Lower Upper
84 100
86 63.2 44.9 83.3
49 144.3 101.4 188.4

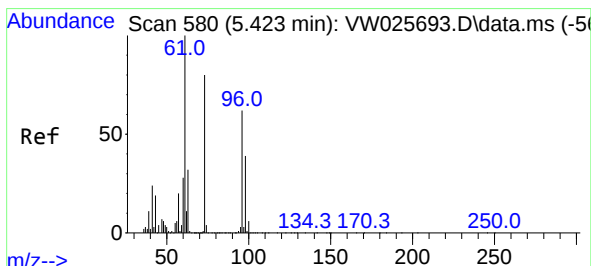
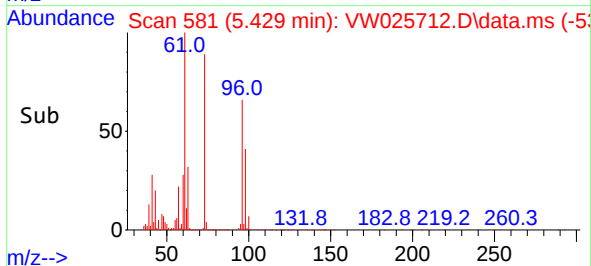
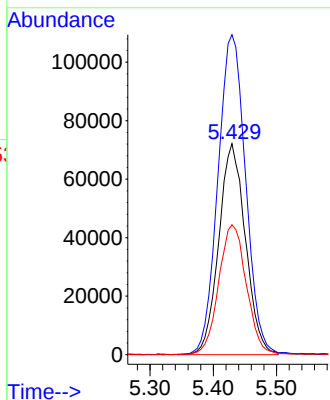
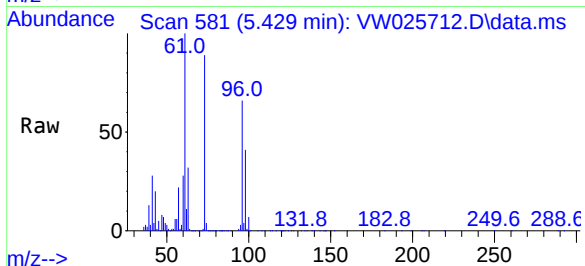




#17
trans-1,2-Dichloroethene
Concen: 23.633 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

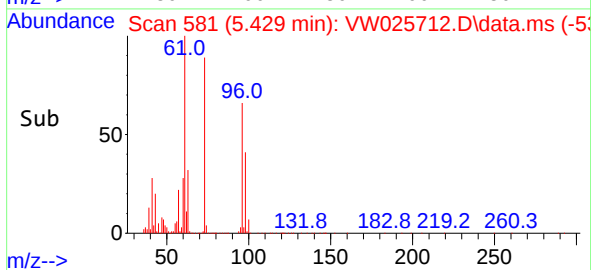
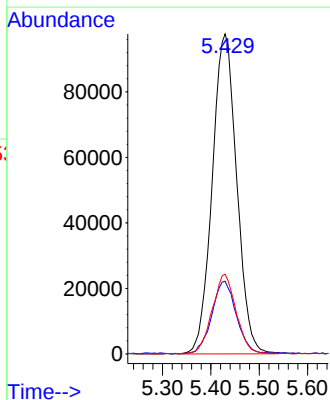
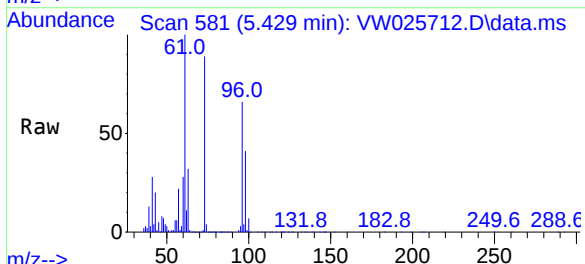
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

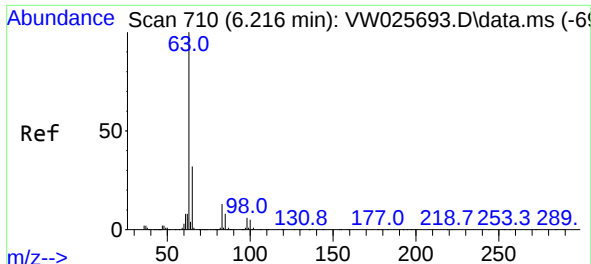
Tgt Ion: 96 Resp: 210977
Ion Ratio Lower Upper
96 100
61 151.6 113.3 210.3
98 61.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 27.922 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 73 Resp: 343996
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.2 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.614 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

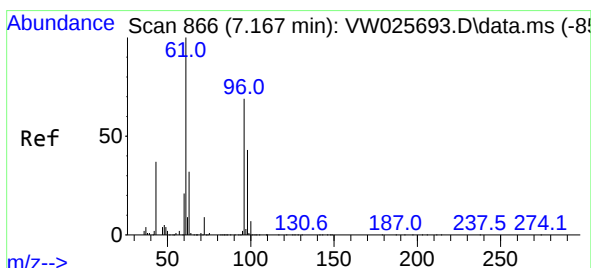
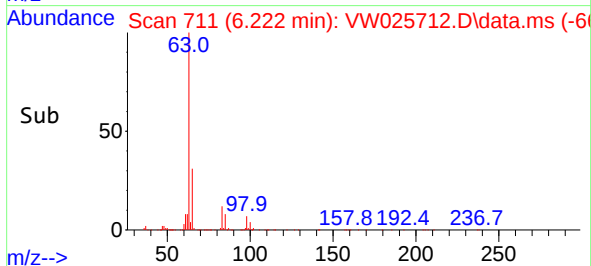
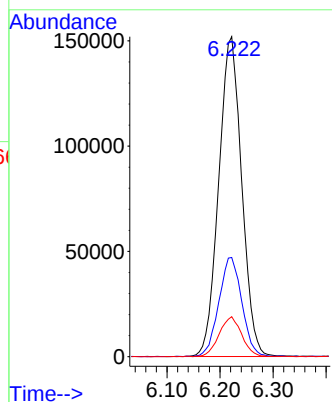
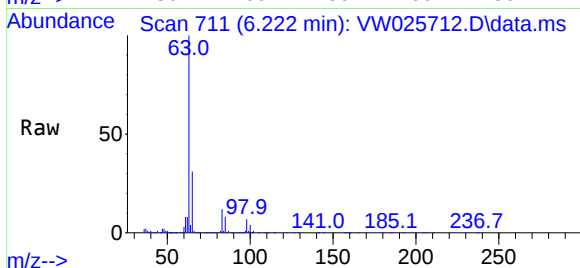
Tgt Ion: 63 Resp: 456848

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 12.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.980 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

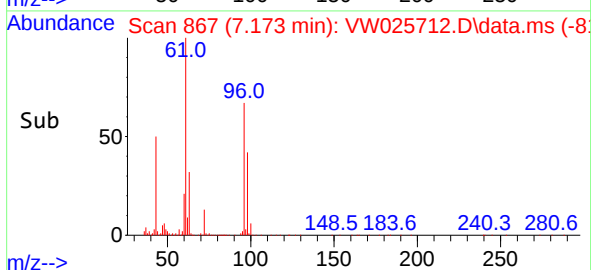
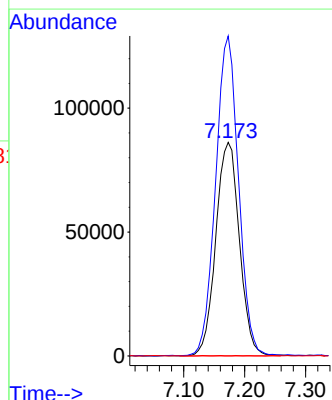
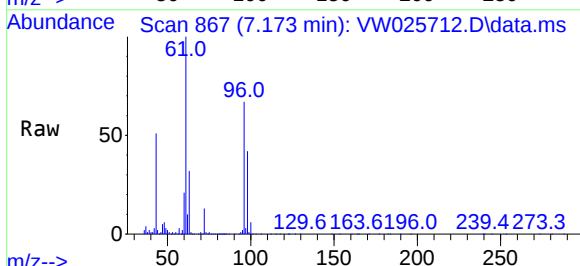
Tgt Ion: 96 Resp: 232027

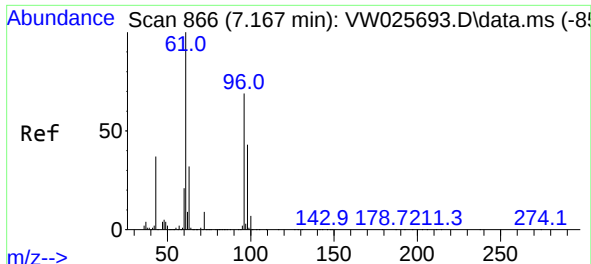
Ion Ratio Lower Upper

96 100

61 149.8 102.6 190.6

68 0.1 0.1 0.1#

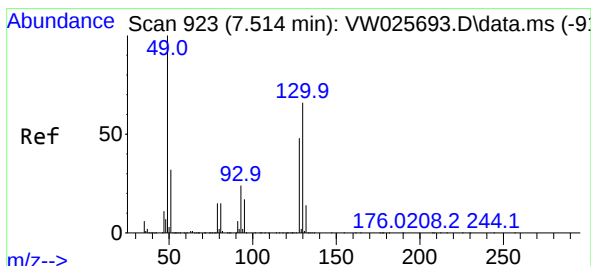
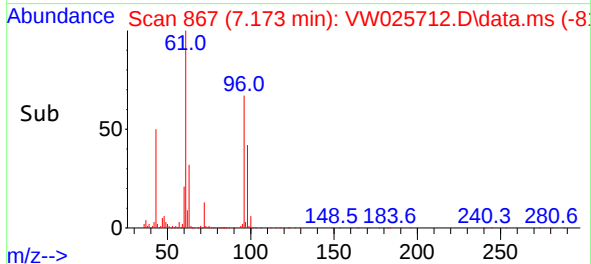
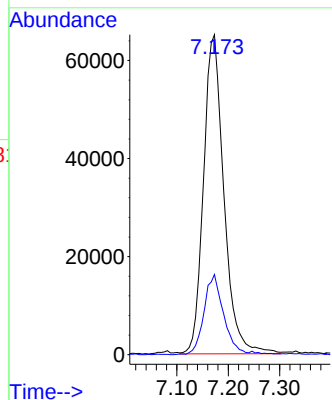
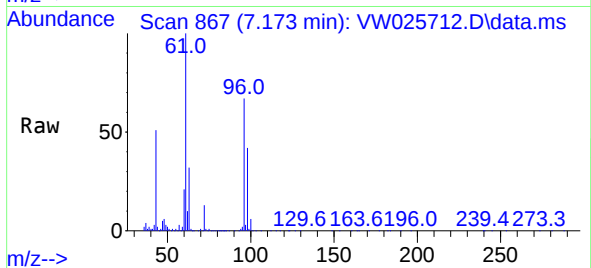




#22
2-Butanone
Concen: 67.906 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

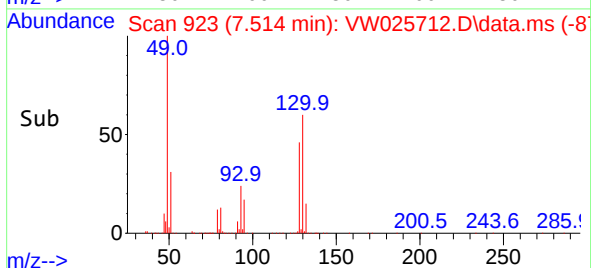
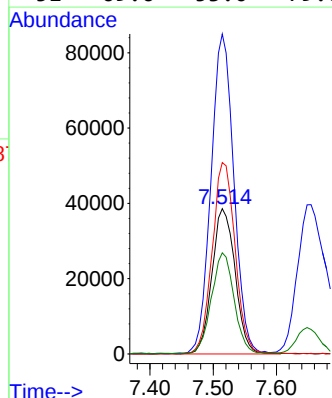
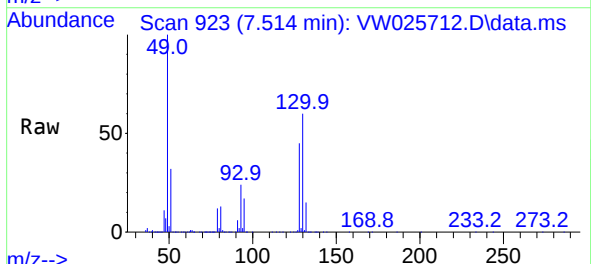
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

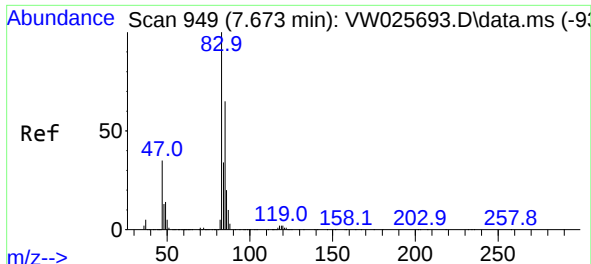
Tgt Ion: 43 Resp: 179445
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.0



#23
Bromochloromethane
Concen: 25.754 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 128 Resp: 98100
Ion Ratio Lower Upper
128 100
49 220.2 141.7 263.3
130 131.7 86.7 160.9
51 69.6 53.0 79.6





#25

Chloroform

Concen: 25.978 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

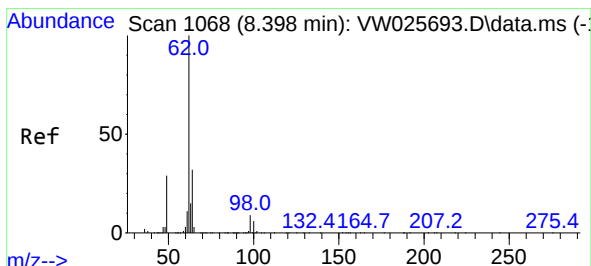
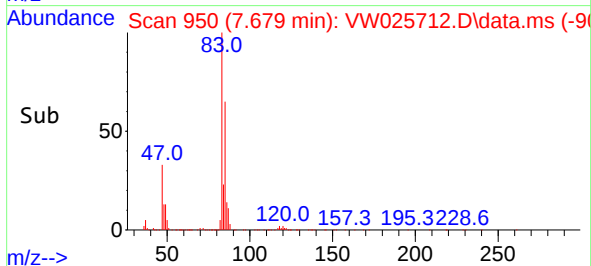
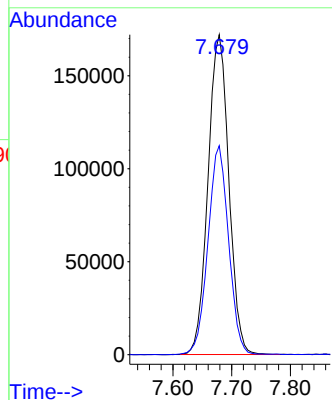
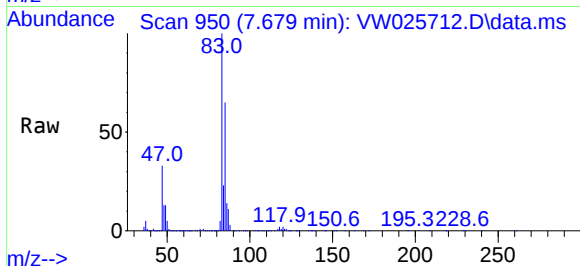
VSTD025582

Tgt Ion: 83 Resp: 423713

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 27.289 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW025712.D

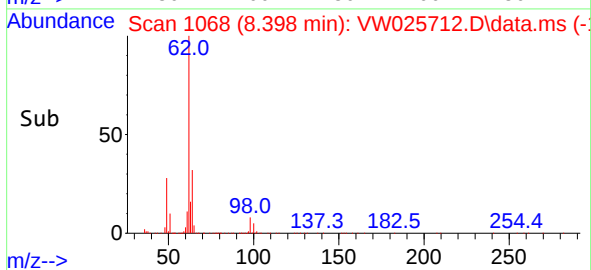
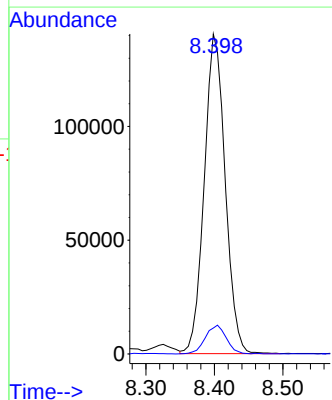
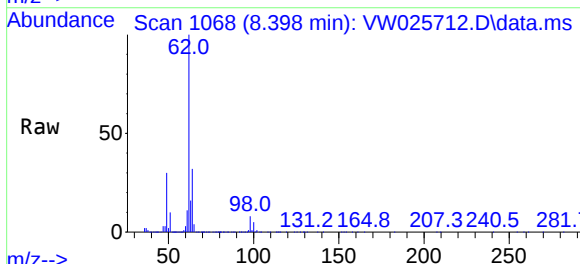
Acq: 26 Apr 2023 19:18

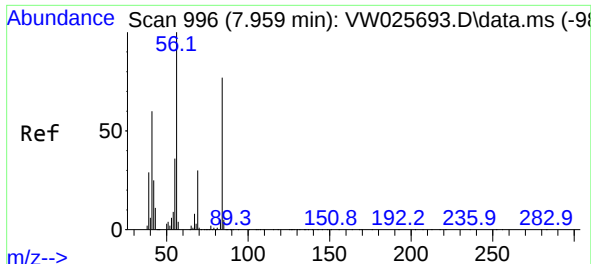
Tgt Ion: 62 Resp: 298688

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0

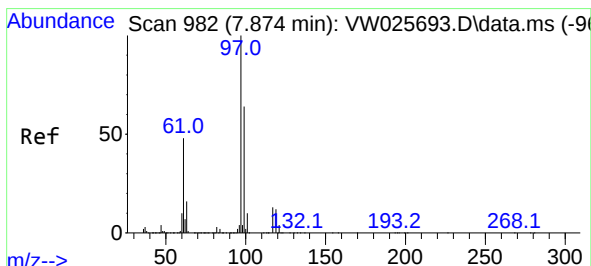
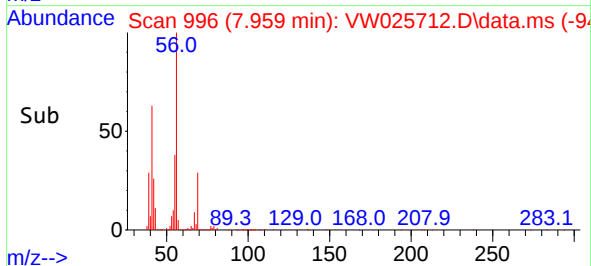
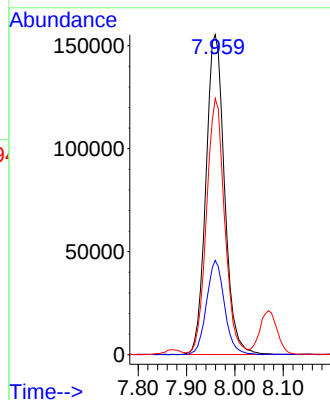
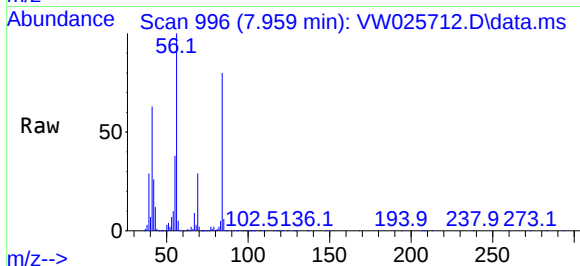




#29
Cyclohexane
Concen: 24.087 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

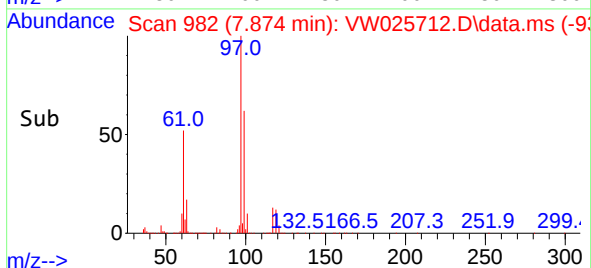
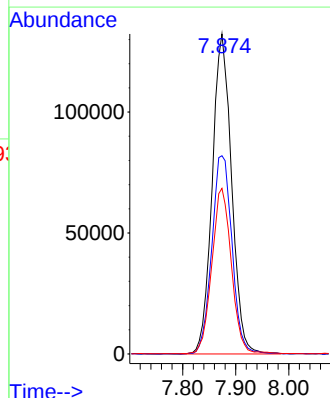
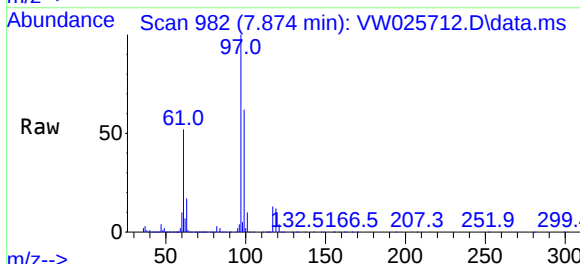
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

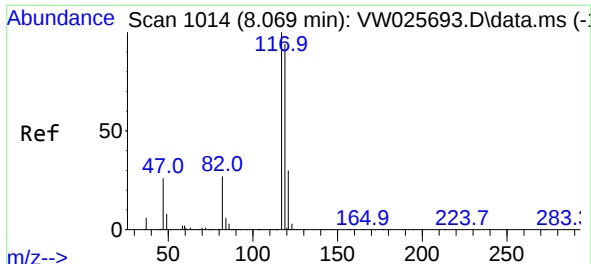
Tgt Ion: 56 Resp: 415313
Ion Ratio Lower Upper
56 100
69 28.6 22.7 34.1
84 78.3 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.366 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 97 Resp: 335764
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 51.9 40.5 60.7

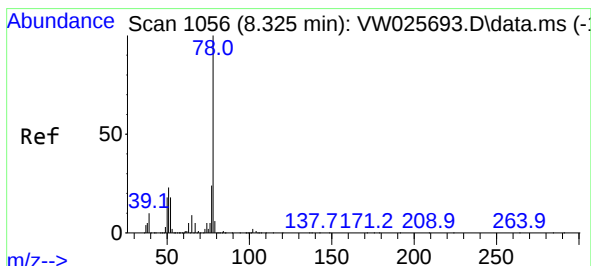
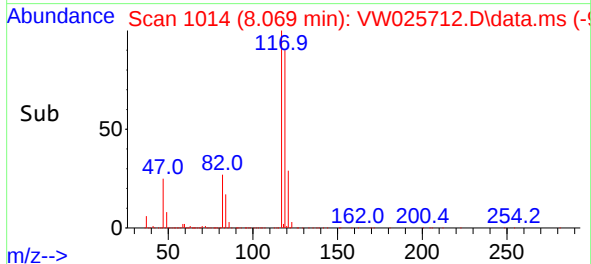
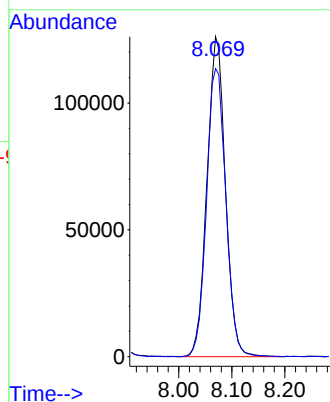
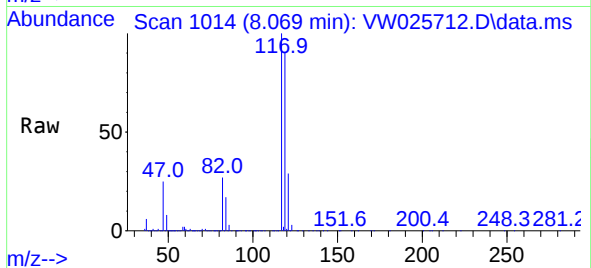




#31
Carbon tetrachloride
Concen: 25.479 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

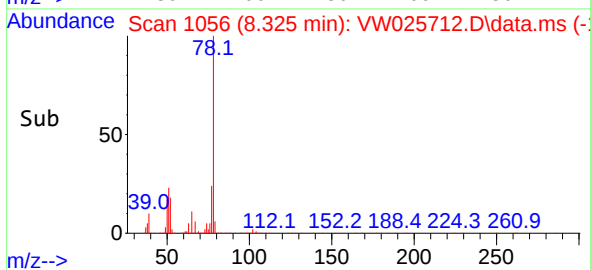
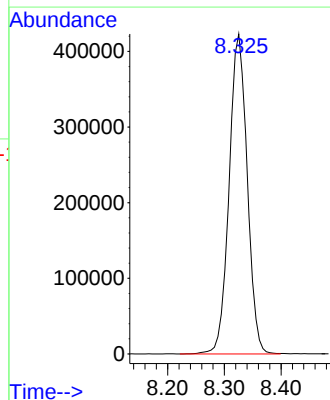
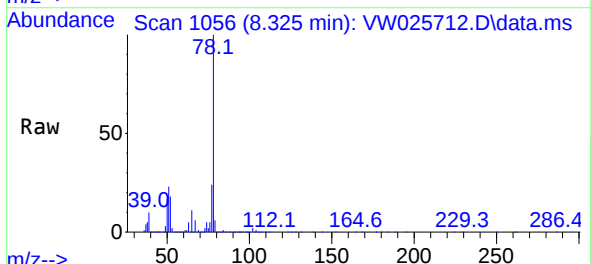
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

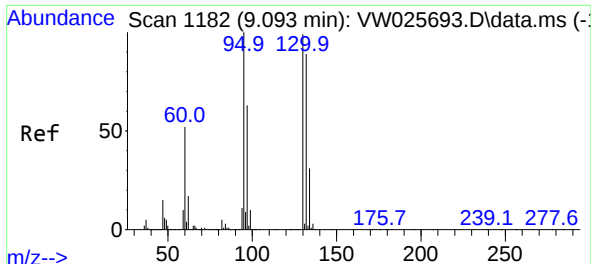
Tgt Ion:117 Resp: 304568
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5



#33
Benzene
Concen: 25.224 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 78 Resp: 935303



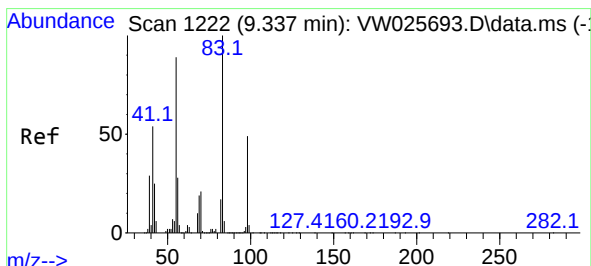
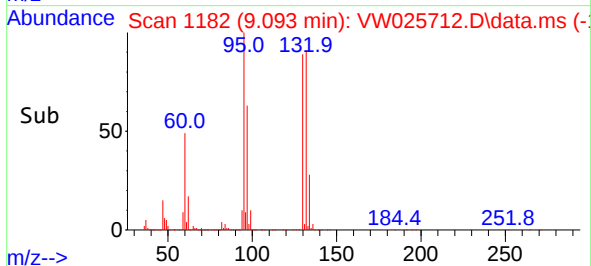
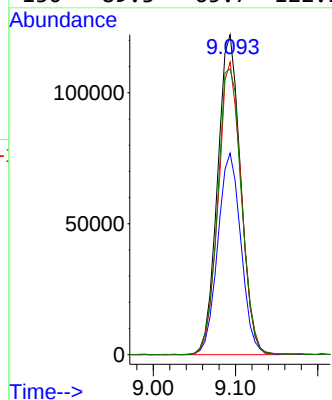
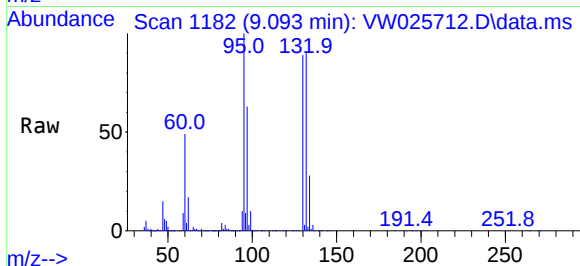


#34
Trichloroethene
Concen: 24.726 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Tgt Ion: 95 Resp: 238479

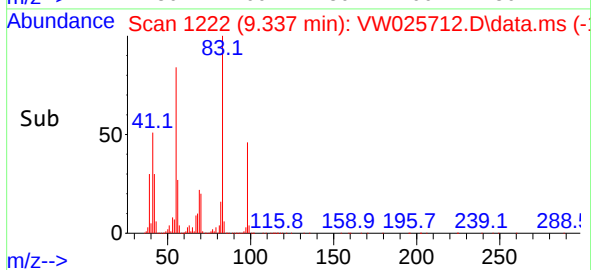
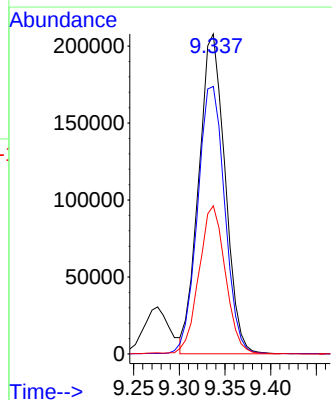
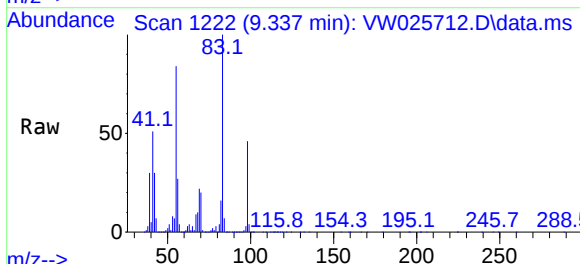
Ion	Ratio	Lower	Upper
95	100		
97	63.0	42.5	78.9
132	91.4	59.8	111.1
130	89.3	65.7	122.1

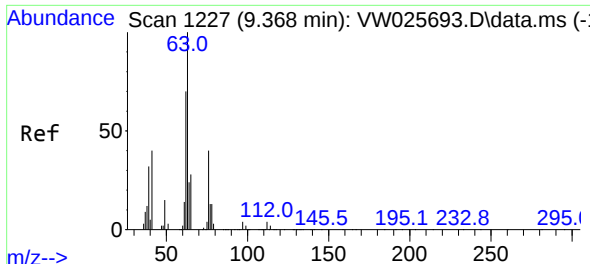


#35
Methylcyclohexane
Concen: 23.917 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 83 Resp: 416531

Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.7	103.1
98	46.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.558 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

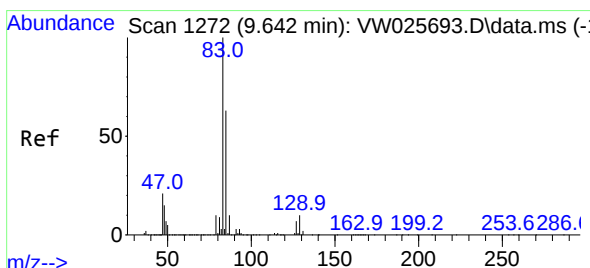
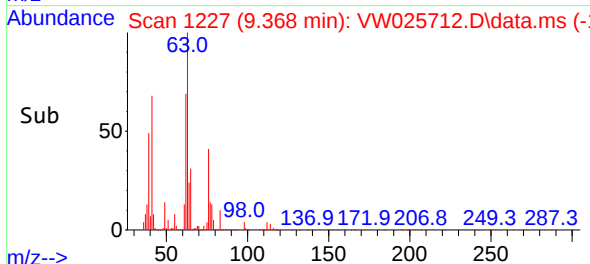
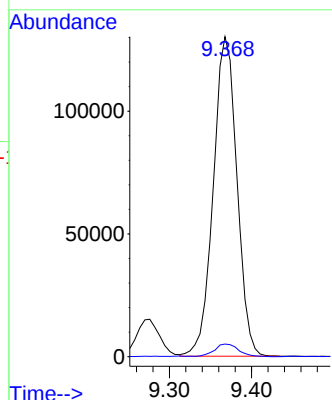
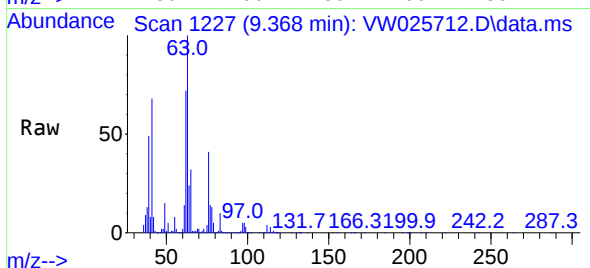
VSTD025582

Tgt Ion: 63 Resp: 260076

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 26.498 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

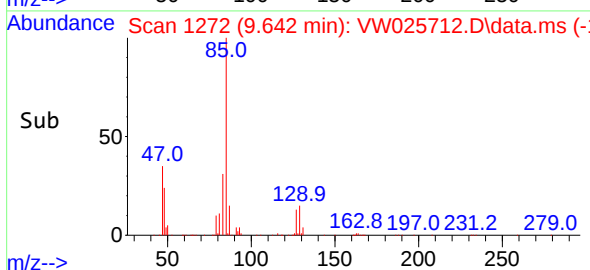
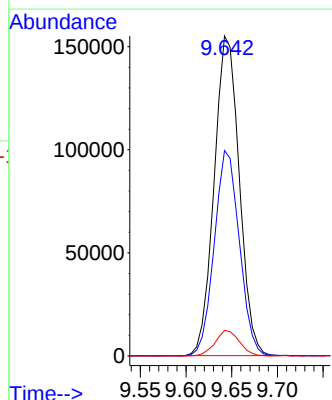
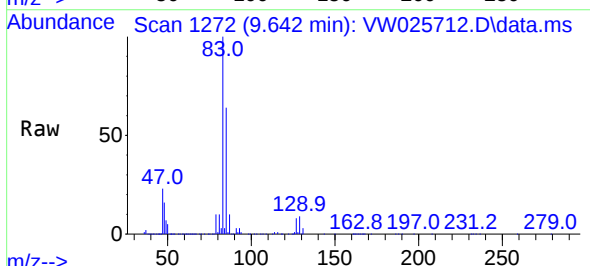
Tgt Ion: 83 Resp: 296900

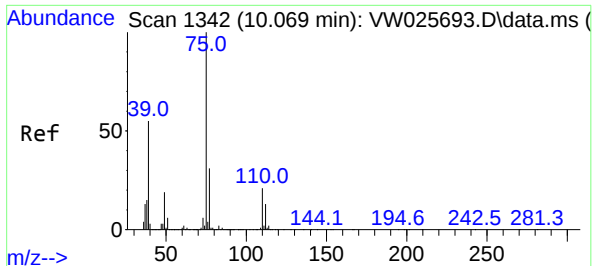
Ion Ratio Lower Upper

83 100

85 64.2 43.5 80.7

127 8.0 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 26.697 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

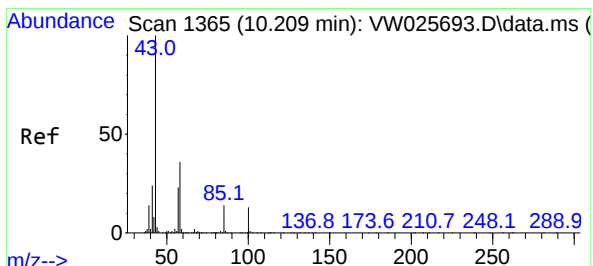
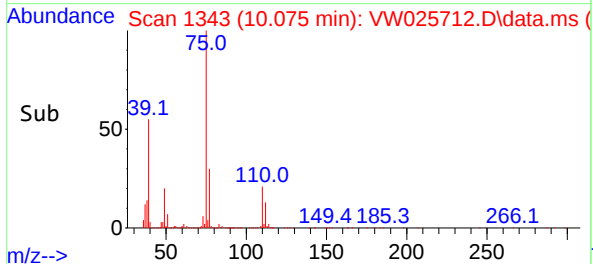
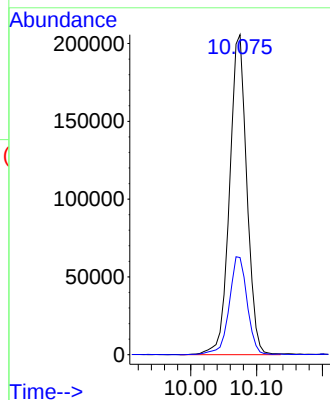
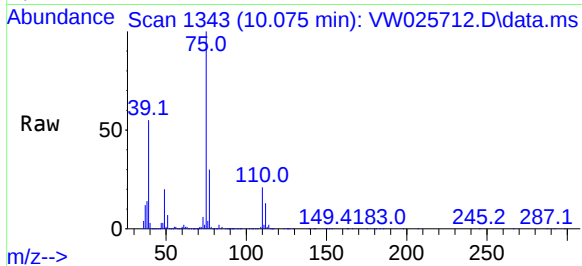
VSTD025582

Tgt Ion: 75 Resp: 375019

Ion Ratio Lower Upper

75 100

77 30.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 65.624 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

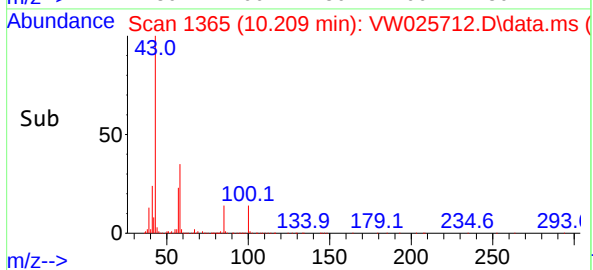
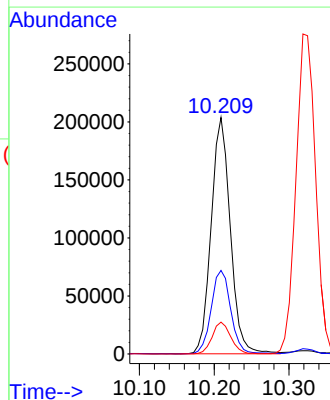
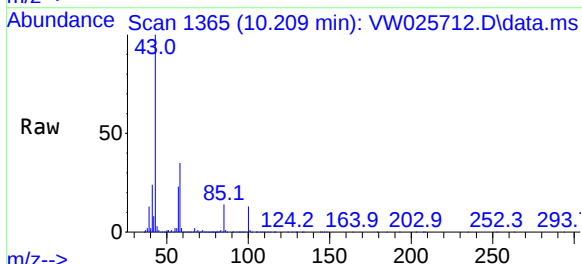
Tgt Ion: 43 Resp: 363750

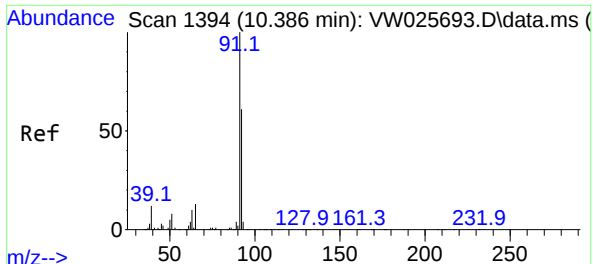
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 13.2 10.2 15.4





#42

Toluene

Concen: 25.660 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

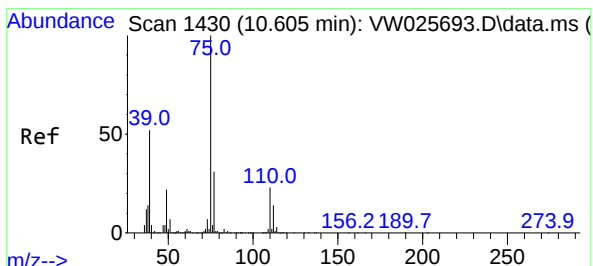
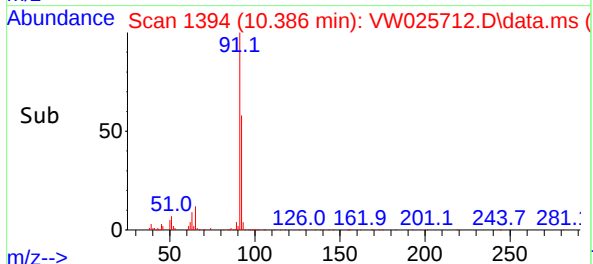
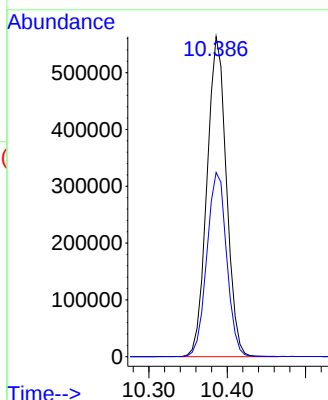
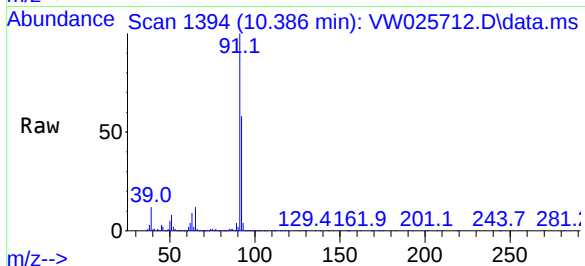
VSTD025582

Tgt Ion: 91 Resp: 968874

Ion Ratio Lower Upper

91 100

92 57.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 27.224 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025712.D

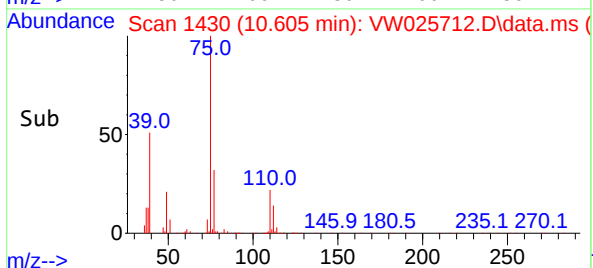
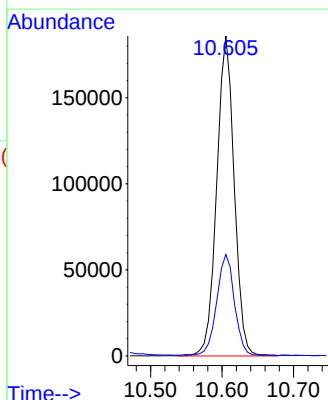
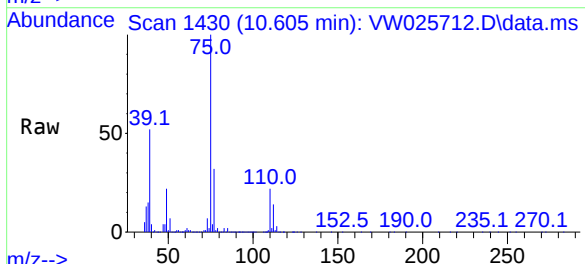
Acq: 26 Apr 2023 19:18

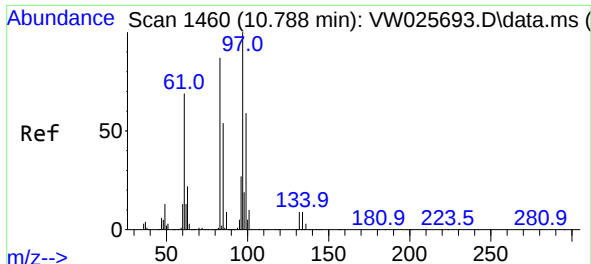
Tgt Ion: 75 Resp: 315344

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 28.250 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion: 97 Resp: 176397

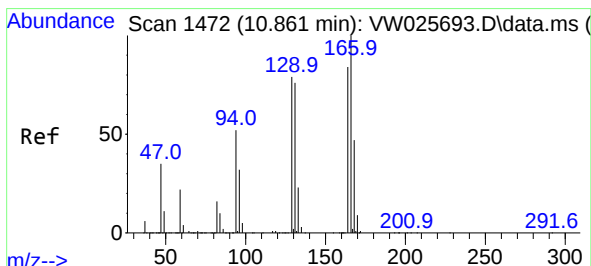
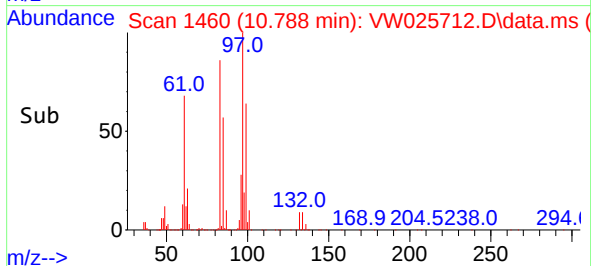
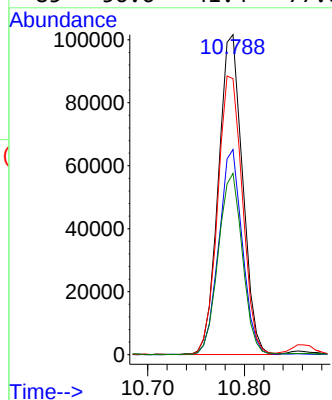
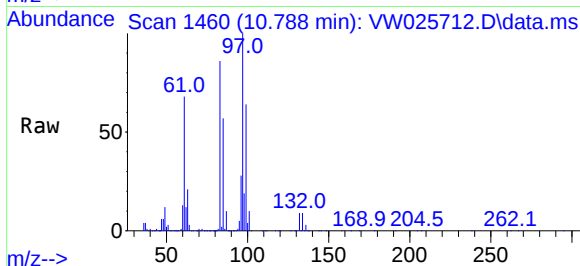
Ion Ratio Lower Upper

97 100

99 64.1 43.8 81.3

83 86.3 61.8 114.8

85 56.6 41.4 77.0



#46

Tetrachloroethene

Concen: 24.574 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW025712.D

Acq: 26 Apr 2023 19:18

Tgt Ion:164 Resp: 166697

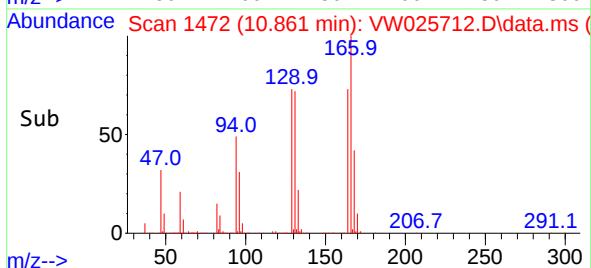
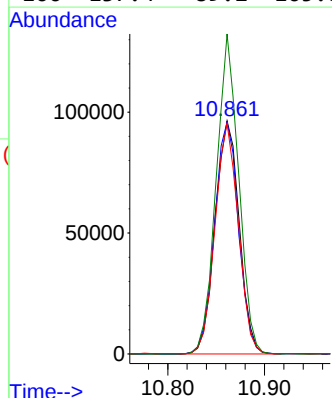
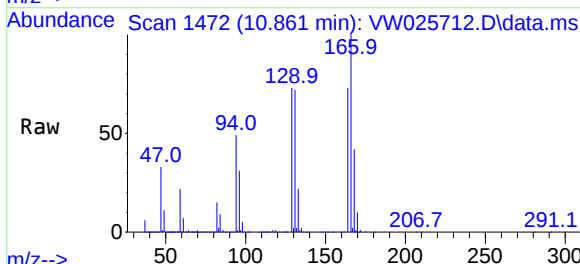
Ion Ratio Lower Upper

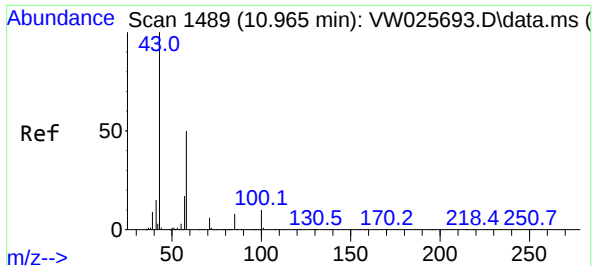
164 100

129 99.6 76.9 142.9

131 99.0 70.5 130.9

166 137.4 89.2 165.8



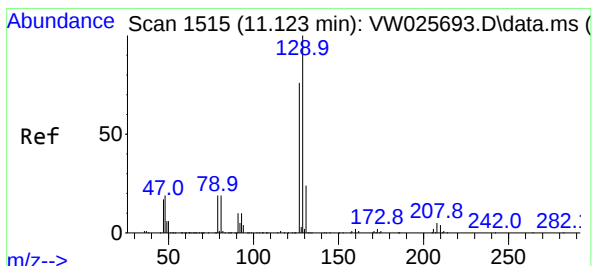
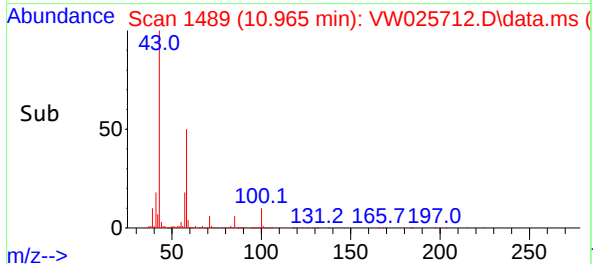
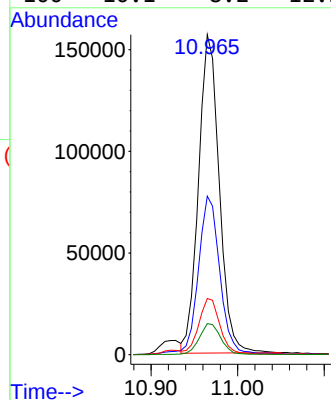
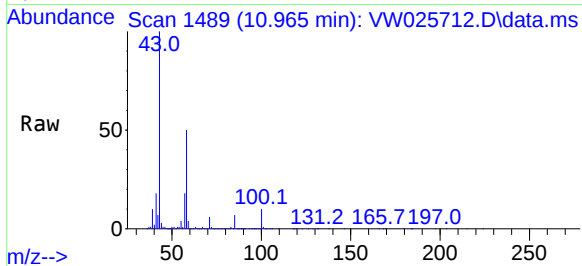


#48
2-Hexanone
Concen: 67.970 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Tgt Ion: 43 Resp: 260310

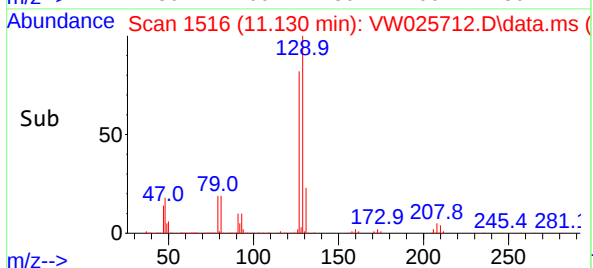
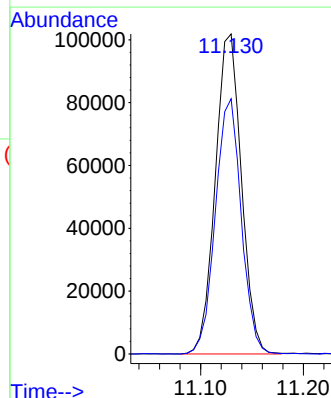
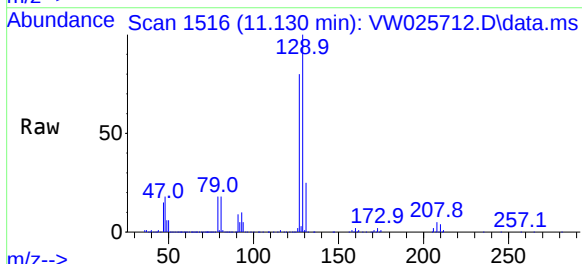
Ion	Ratio	Lower	Upper
43	100		
58	51.7	38.6	57.8
57	17.7	13.9	20.9
100	10.1	8.2	12.2

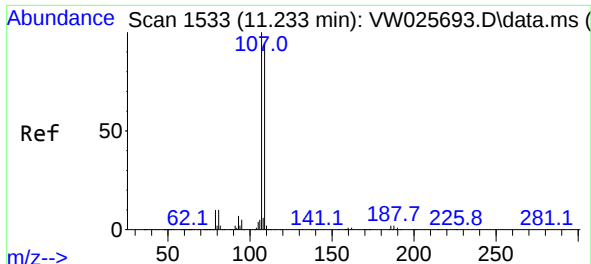


#49
Dibromochloromethane
Concen: 27.349 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 129 Resp: 179795

Ion	Ratio	Lower	Upper
129	100		
127	79.7	54.0	100.2

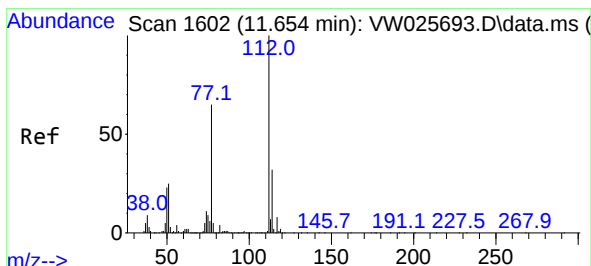
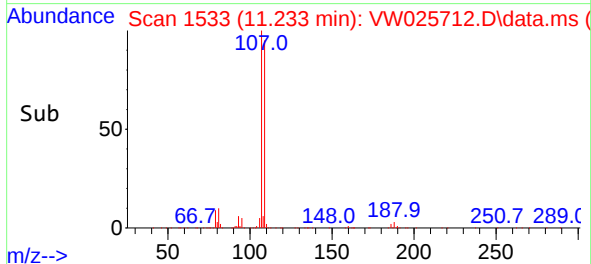
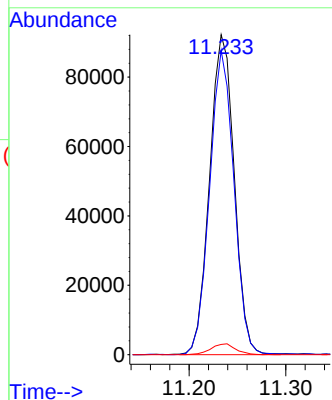
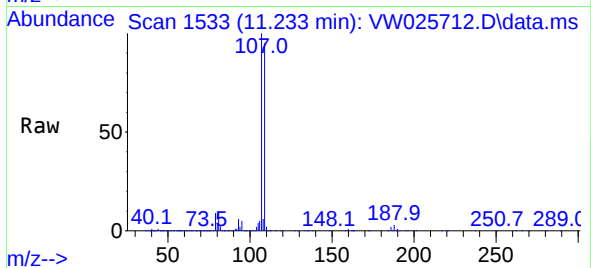




#50
1,2-Dibromoethane
Concen: 28.440 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

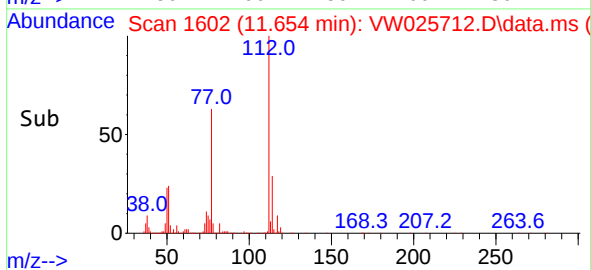
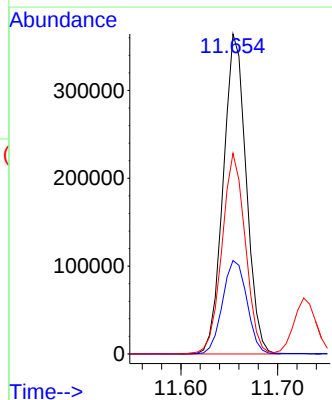
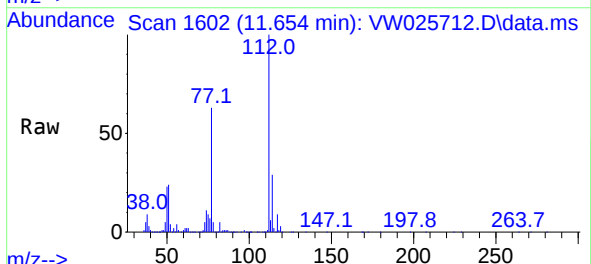
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

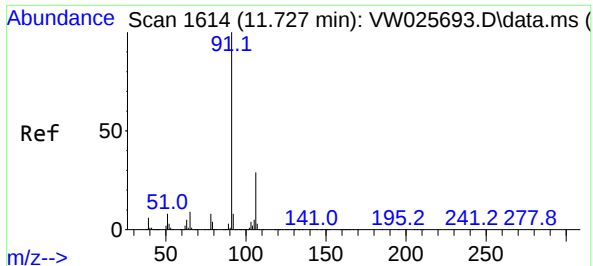
Tgt Ion:	107	Resp:	163166
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.1	119.1
188	3.2	2.8	4.2



#51
Chlorobenzene
Concen: 25.745 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:	112	Resp:	598986
Ion	Ratio	Lower	Upper
112	100		
114	29.2	21.6	40.2
77	62.7	50.2	75.2

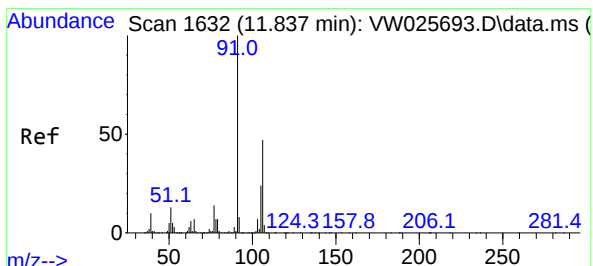
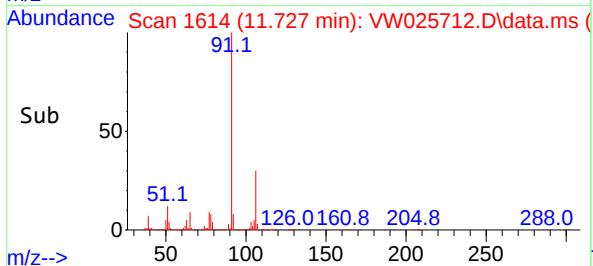
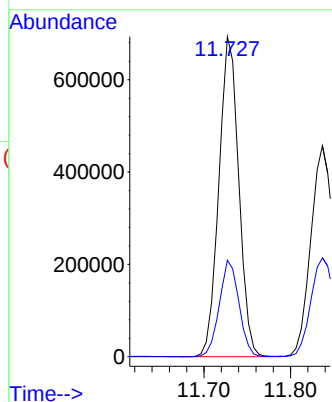
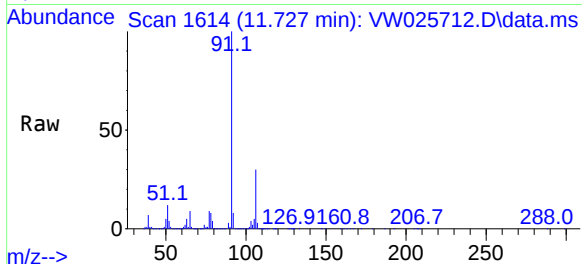




#52
Ethylbenzene
Concen: 25.853 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

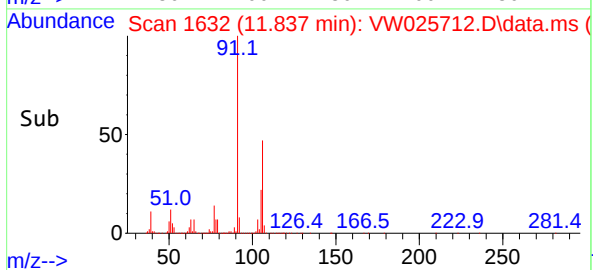
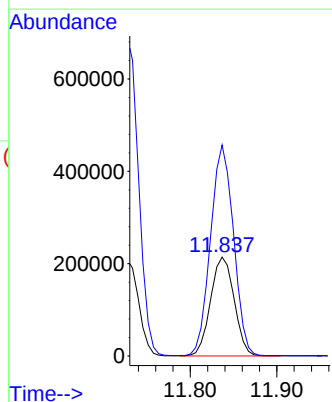
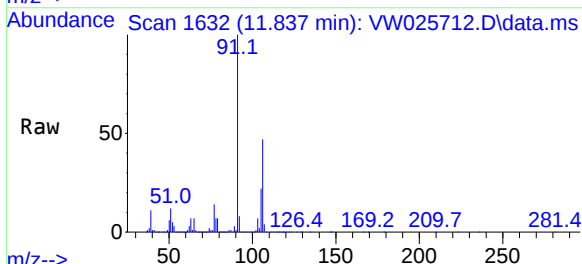
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

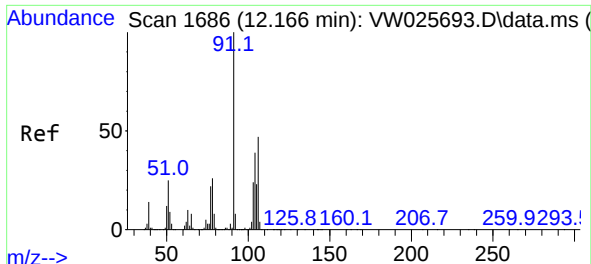
Tgt Ion: 91 Resp: 1104606
Ion Ratio Lower Upper
91 100
106 30.2 20.3 37.7



#53
m,p-Xylene
Concen: 25.883 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:106 Resp: 405558
Ion Ratio Lower Upper
106 100
91 213.4 148.0 274.8

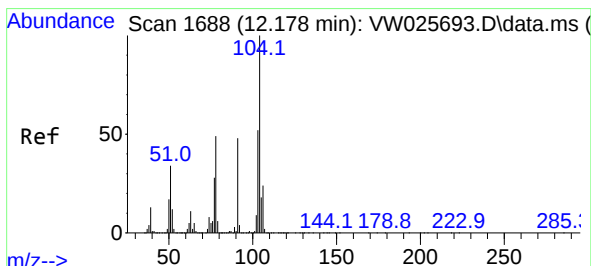
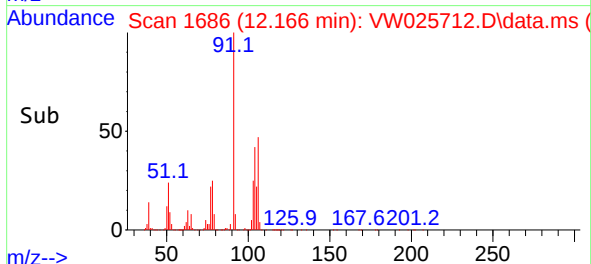
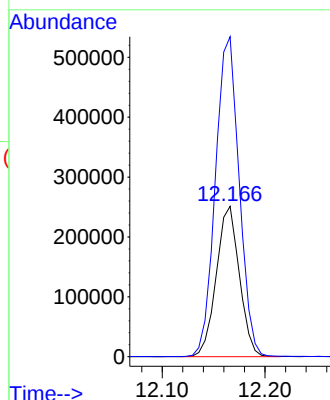
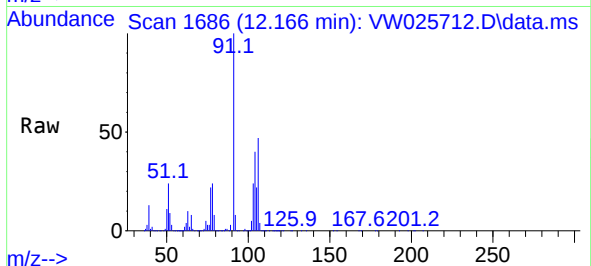




#54
o-Xylene
Concen: 26.690 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

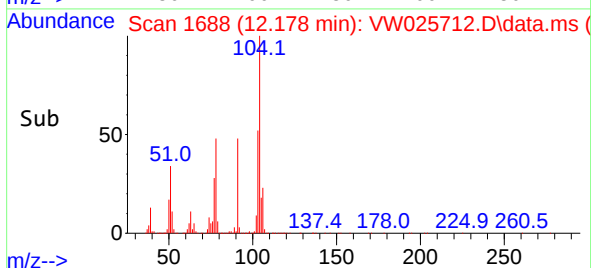
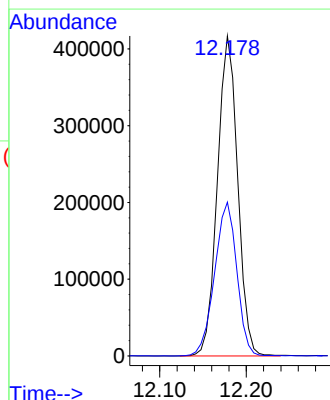
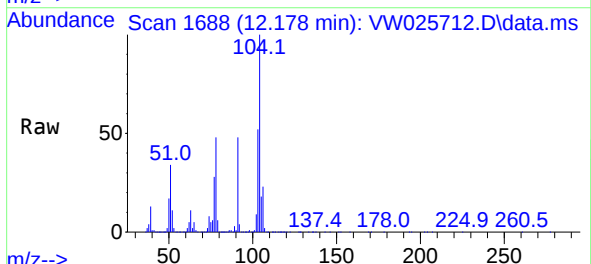
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

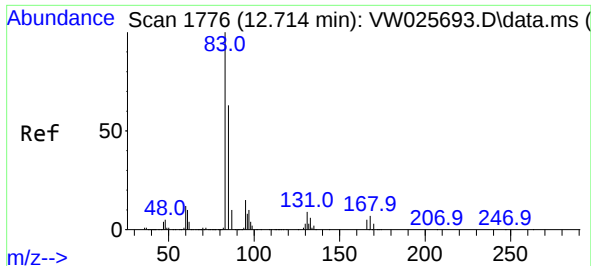
Tgt Ion:106 Resp: 391229
Ion Ratio Lower Upper
106 100
91 212.7 158.2 293.8



#55
Styrene
Concen: 27.509 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:104 Resp: 678719
Ion Ratio Lower Upper
104 100
78 48.1 33.3 61.9

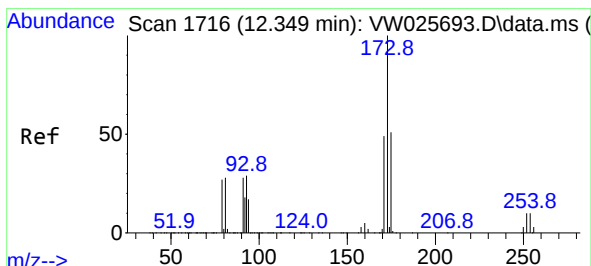
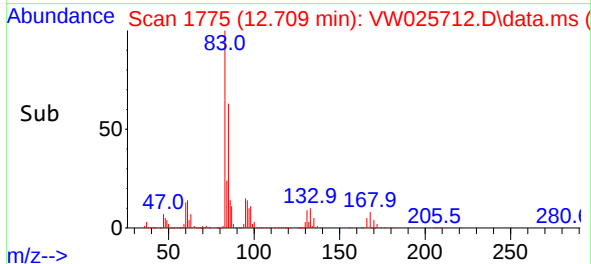
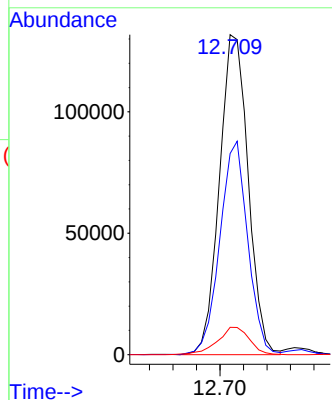
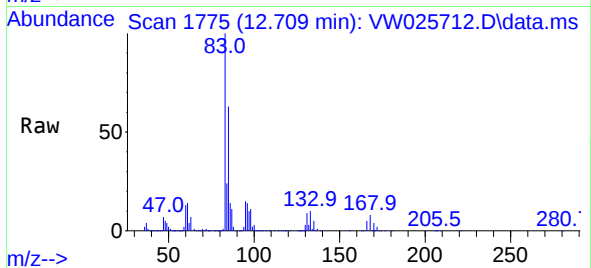




#57
1,1,2,2-Tetrachloroethane
Concen: 29.969 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

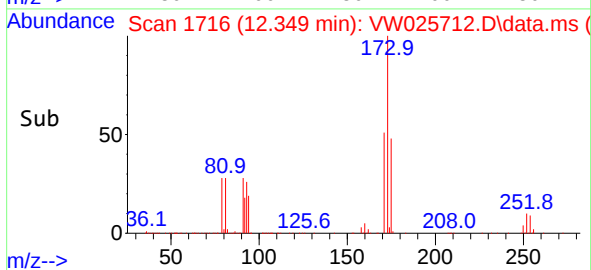
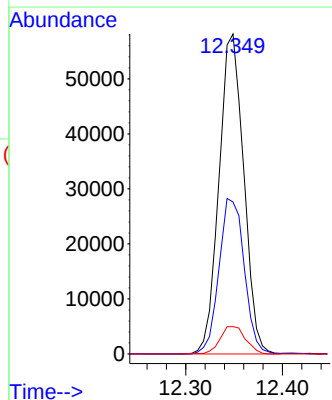
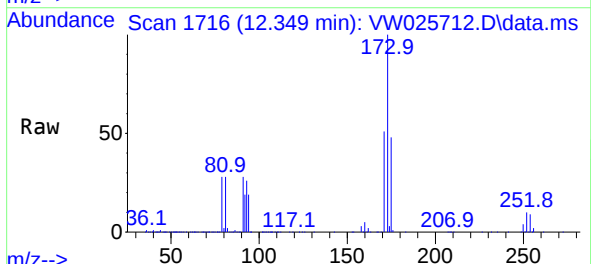
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

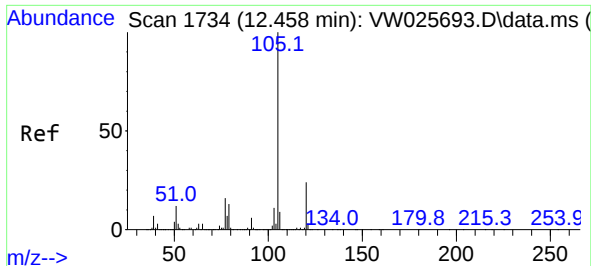
Tgt Ion: 83 Resp: 224144
Ion Ratio Lower Upper
83 100
85 62.9 43.5 80.7
131 8.6 7.0 10.4



#59
Bromoform
Concen: 27.631 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 173 Resp: 103137
Ion Ratio Lower Upper
173 100
175 49.5 36.1 54.1
254 8.8 7.0 10.6

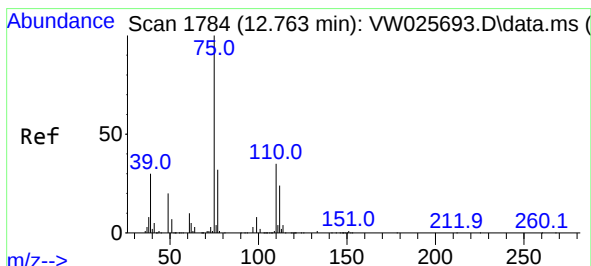
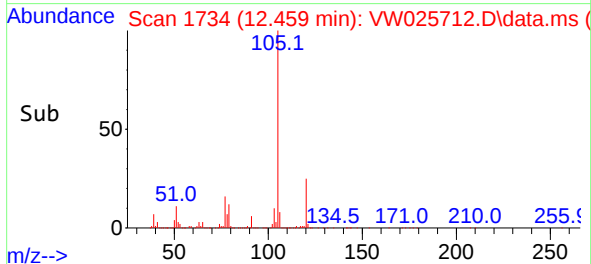
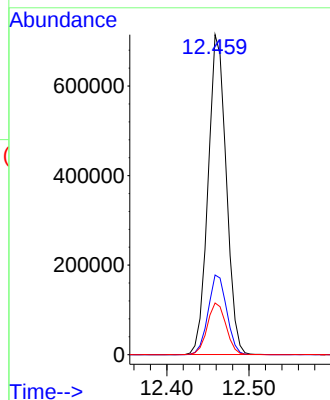
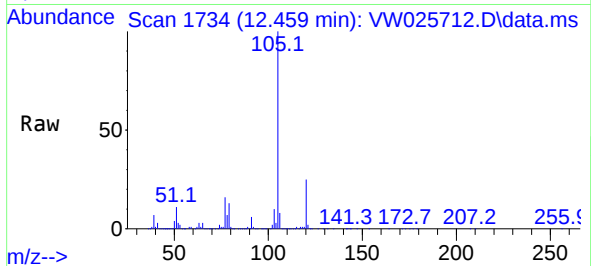




#60
Isopropylbenzene
Concen: 25.662 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

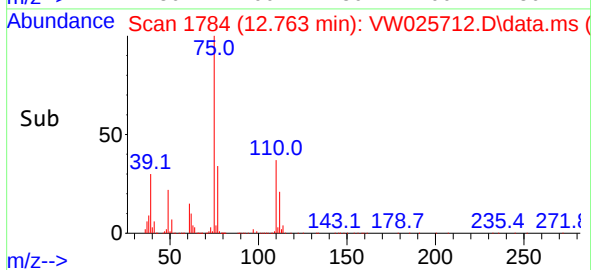
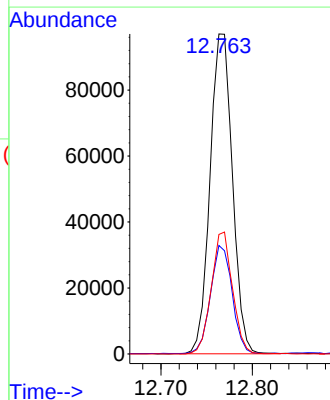
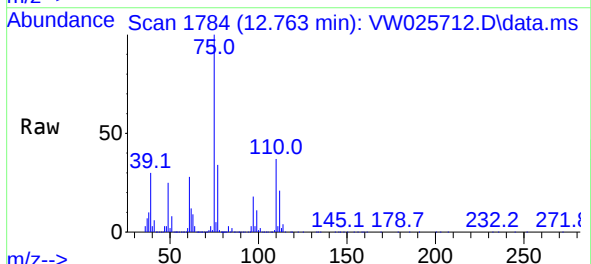
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

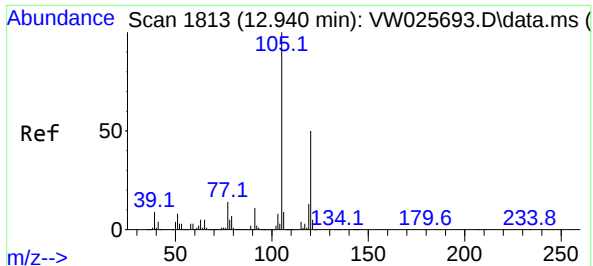
Tgt Ion:105 Resp: 1095004
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 29.293 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion: 75 Resp: 165380
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
110 36.1 29.0 43.6

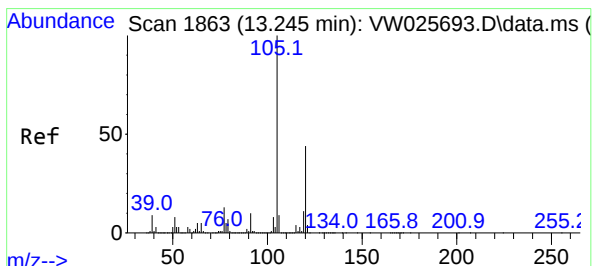
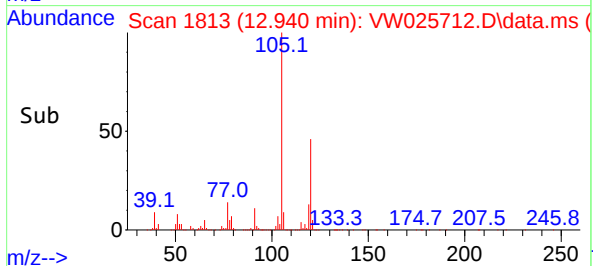
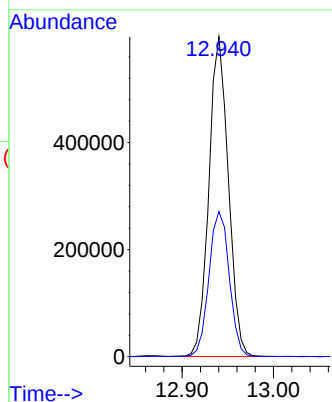
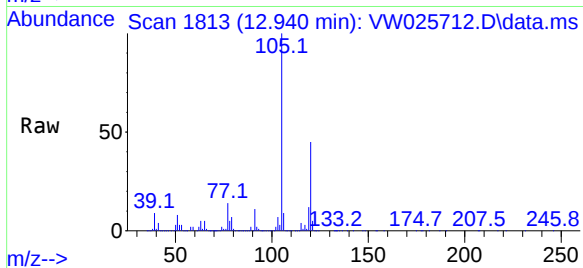




#62
1,3,5-Trimethylbenzene
Concen: 26.191 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

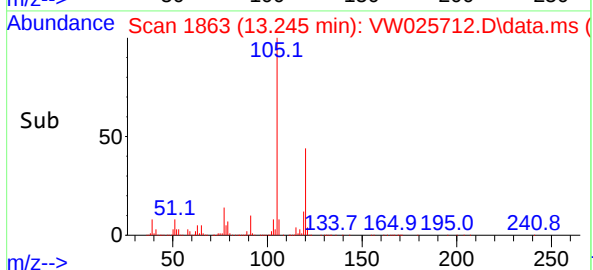
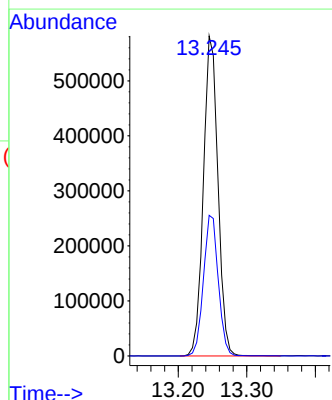
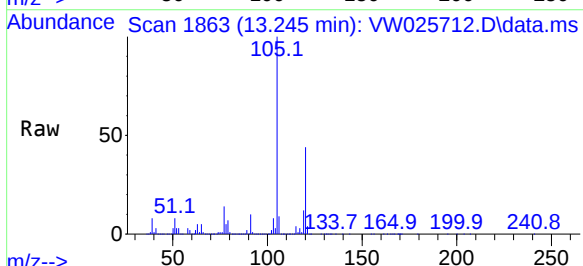
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

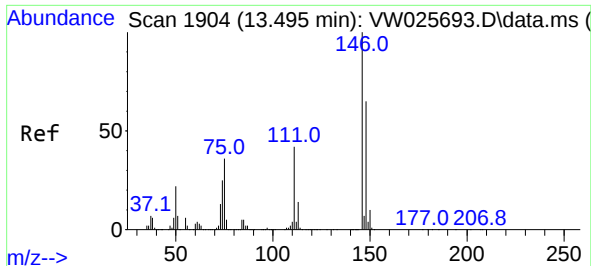
Tgt Ion:105 Resp: 882237
Ion Ratio Lower Upper
105 100
120 47.5 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.515 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:105 Resp: 860003
Ion Ratio Lower Upper
105 100
120 44.8 34.8 52.2

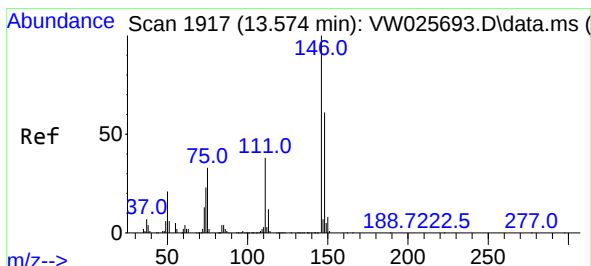
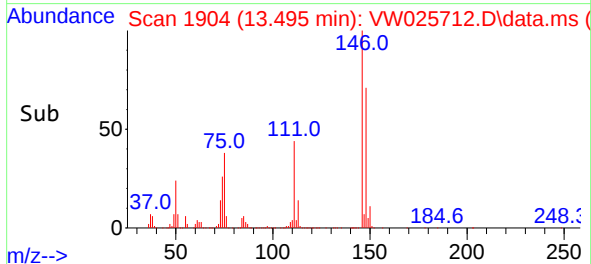
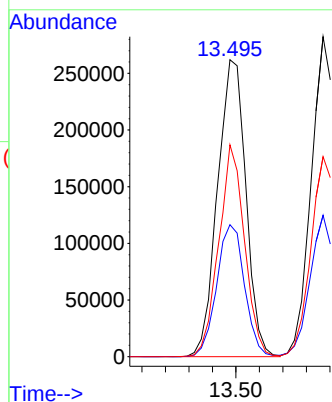
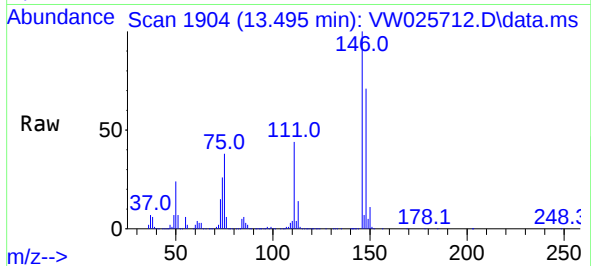




#64
1,3-Dichlorobenzene
Concen: 24.828 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

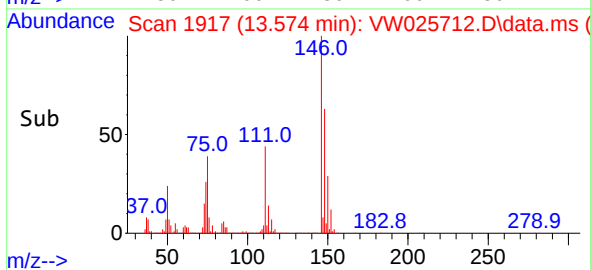
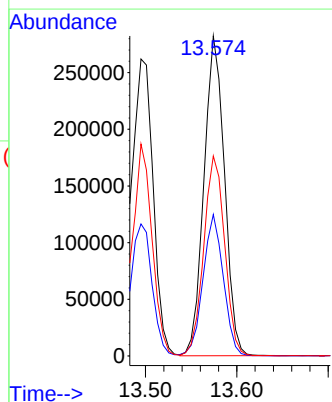
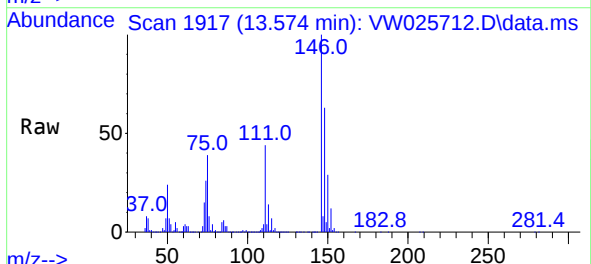
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

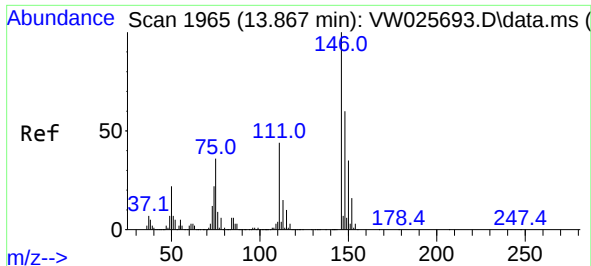
Tgt Ion:146 Resp: 439038
Ion Ratio Lower Upper
146 100
111 44.4 29.7 55.1
148 71.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.350 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:146 Resp: 439737
Ion Ratio Lower Upper
146 100
111 44.2 30.4 56.5
148 62.5 48.6 90.3

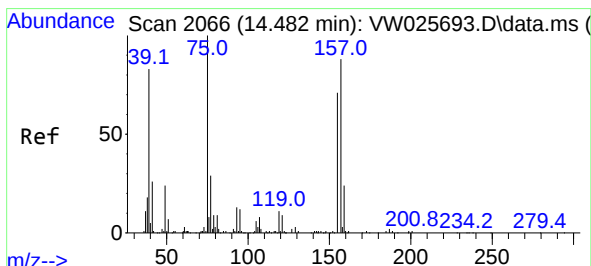
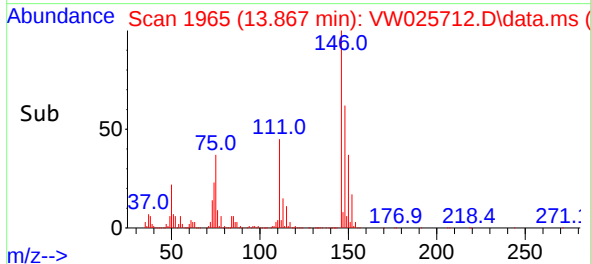
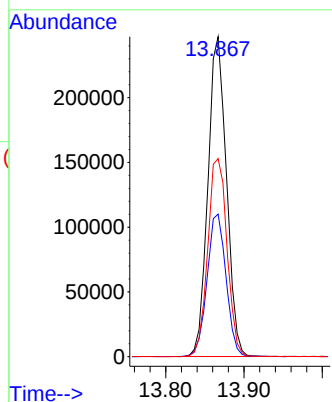
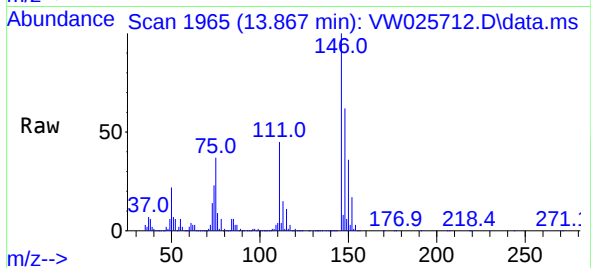




#67
1,2-Dichlorobenzene
Concen: 26.170 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

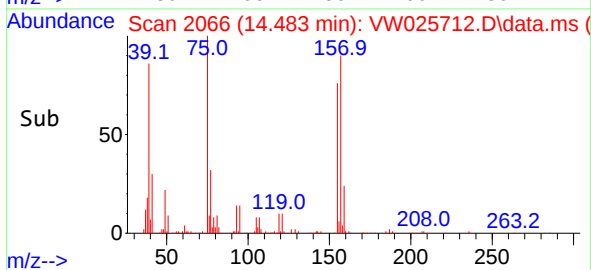
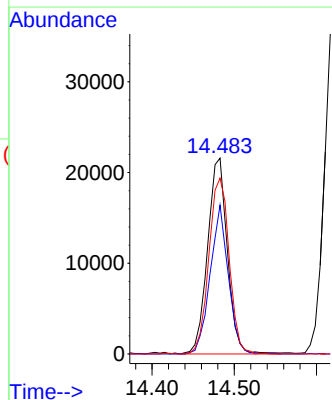
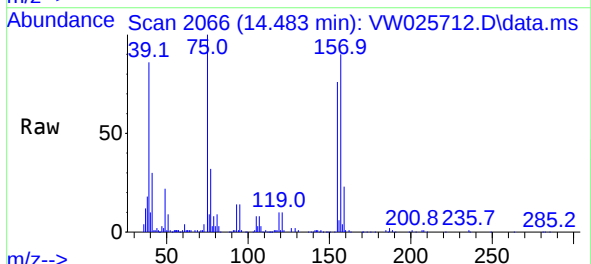
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

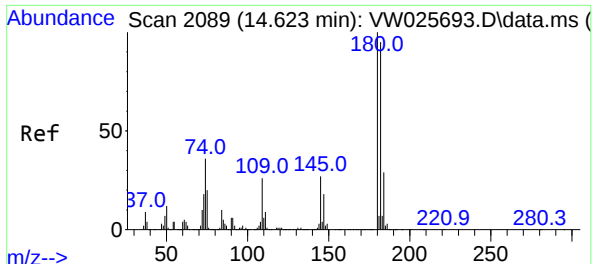
Tgt Ion:146 Resp: 405693
Ion Ratio Lower Upper
146 100
111 44.5 35.3 52.9
148 61.9 47.9 71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 29.181 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

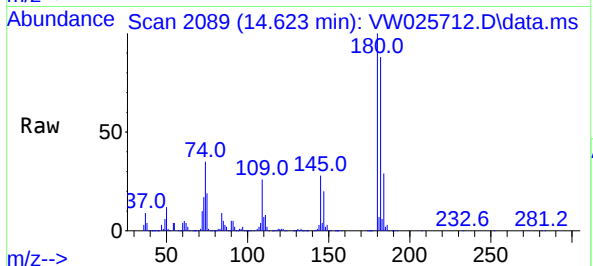
Tgt Ion: 75 Resp: 36140
Ion Ratio Lower Upper
75 100
155 76.0 61.1 91.7
157 89.8 72.8 109.2





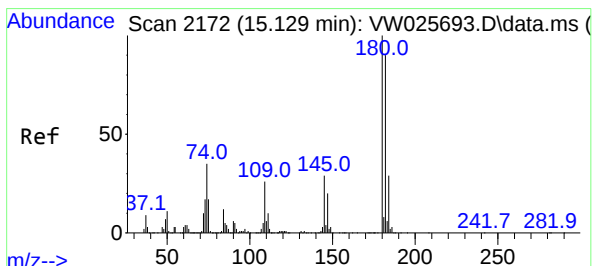
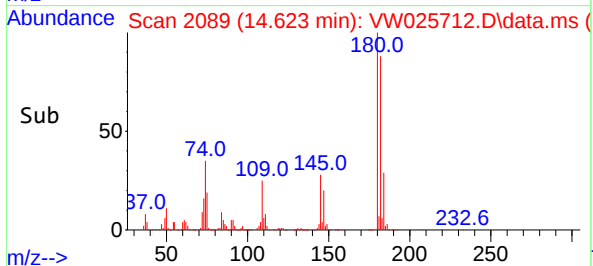
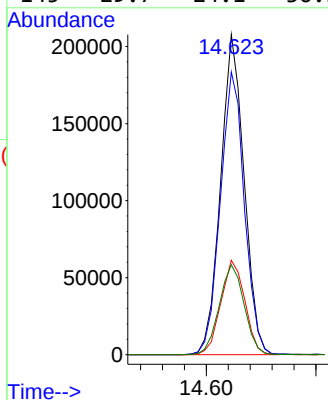
#69
1,3,5-Trichlorobenzene
Concen: 26.135 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582



Tgt Ion:180 Resp: 309409

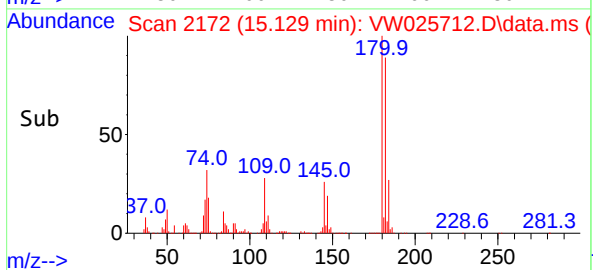
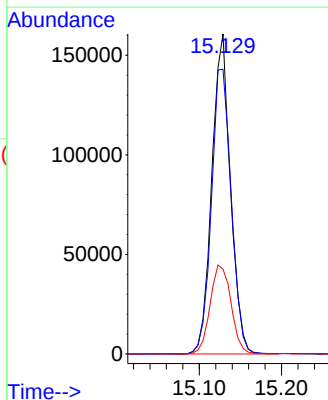
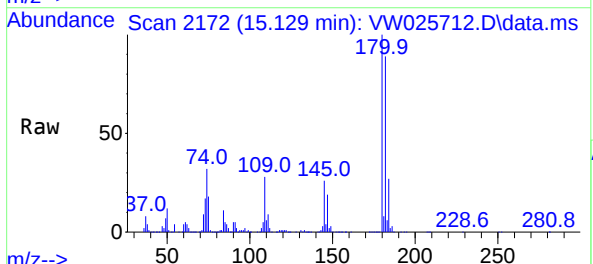
Ion	Ratio	Lower	Upper
180	100		
182	90.1	76.4	114.6
184	30.1	24.1	36.1
145	29.7	24.1	36.1

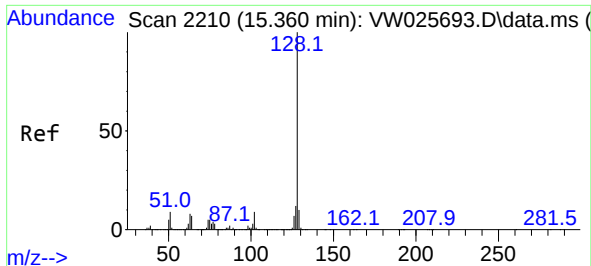


#70
1,2,4-trichlorobenzene
Concen: 26.259 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:180 Resp: 252536

Ion	Ratio	Lower	Upper
180	100		
182	95.3	79.5	119.3
145	31.3	27.4	41.0

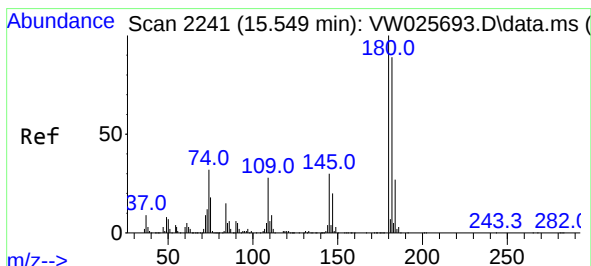
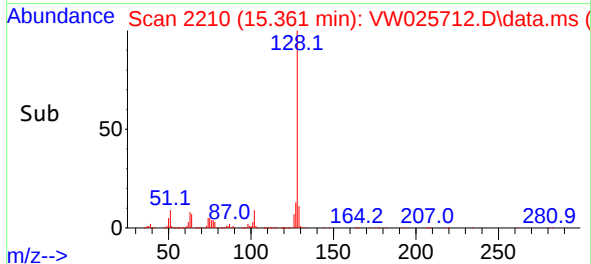
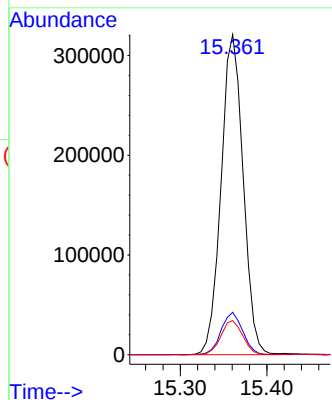
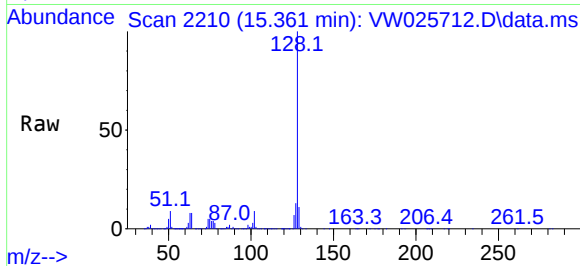




#71
Naphthalene
Concen: 31.628 ug/L
RT: 15.361 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Tgt Ion:128 Resp: 567580
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.785 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW025712.D
Acq: 26 Apr 2023 19:18

Tgt Ion:180 Resp: 233630
Ion Ratio Lower Upper
180 100
182 92.6 72.9 109.3
145 34.0 27.0 40.6

