

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026553.D
 Acq On : 06 Jul 2023 19:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Jul 07 02:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	680405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	326929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	297913	25.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.400%	
7) Chloroethane-d5	2.893	69	220380	22.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 91.560%	
11) 1,1-Dichloroethene-d2	4.027	65	140654	25.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.640%	
21) 2-Butanone-d5	7.075	46	219764	49.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.720%	
24) Chloroform-d	7.648	84	588749	25.819	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.280%	
26) 1,2-Dichloroethane-d4	8.307	65	331508	24.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.000%	
32) Benzene-d6	8.276	84	1230142	28.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.440%	
36) 1,2-Dichloropropane-d6	9.276	67	387636	28.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.120%	
41) Toluene-d8	10.325	98	1083539	27.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.280%	
43) trans-1,3-Dichloroprop...	10.575	79	143557	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.360%	
47) 2-Hexanone-d5	10.922	63	142454	51.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.460%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	316213	26.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.520%	
66) 1,2-Dichlorobenzene-d4	13.848	152	323461	24.912	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	218261	24.741	ug/L	# 69
3) Chloromethane	2.228	50	321749	22.554	ug/L	99
5) Vinyl chloride	2.381	62	292543	20.822	ug/L	99
6) Bromomethane	2.783	94	164071	20.001	ug/L	93
8) Chloroethane	2.930	64	180161	21.287	ug/L	98
9) Trichlorofluoromethane	3.265	101	185440	20.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	232759	22.042	ug/L	97
12) 1,1-Dichloroethene	4.051	96	237127	24.279	ug/L	94
13) Acetone	4.125	43	119725	43.357	ug/L	98
14) Carbon disulfide	4.393	76	744142	24.000	ug/L	99
15) Methyl Acetate	4.673	43	179207	26.083	ug/L	100
16) Methylene chloride	4.923	84	283476	20.551	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	264305	24.047	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	467848	24.346	ug/L	99
19) 1,1-Dichloroethane	6.216	63	559336	23.631	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	299766	23.772	ug/L	96
22) 2-Butanone	7.167	43	225271	43.831	ug/L	100
23) Bromochloromethane	7.514	128	122996	23.551	ug/L	95
25) Chloroform	7.679	83	521600	24.590	ug/L	98

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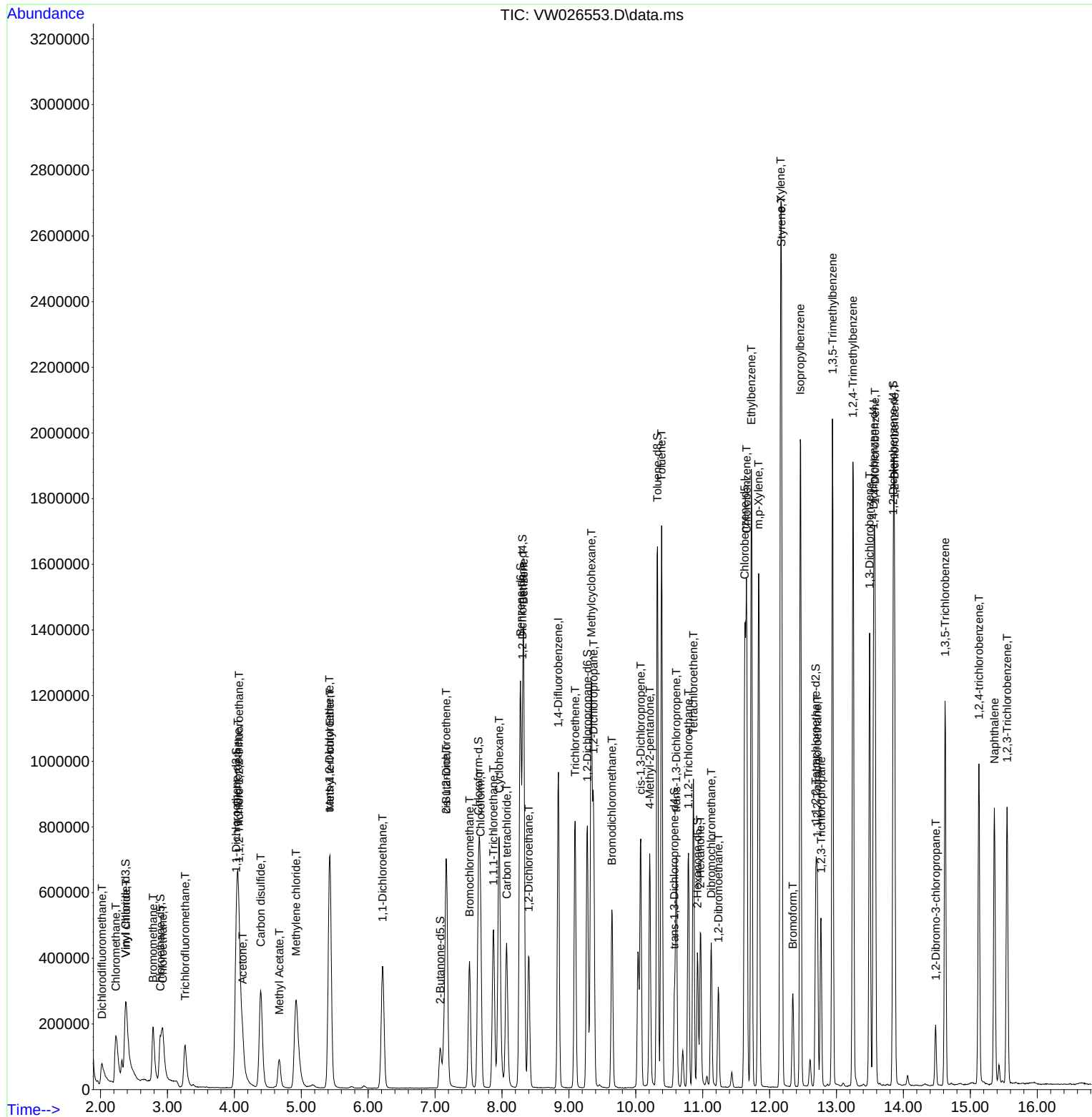
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	369374	23.632	ug/L	98
29) Cyclohexane	7.959	56	491271	25.917	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	391938	25.602	ug/L	99
31) Carbon tetrachloride	8.069	117	339804	24.620	ug/L	100
33) Benzene	8.325	78	1165834	26.458	ug/L	100
34) Trichloroethene	9.093	95	292296	26.007	ug/L	97
35) Methylcyclohexane	9.337	83	488706	25.457	ug/L	99
37) 1,2-Dichloropropane	9.367	63	322739	26.735	ug/L	100
38) Bromodichloromethane	9.642	83	369225	25.921	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	445177	25.010	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	491033	52.566	ug/L	100
42) Toluene	10.386	91	1185747	26.438	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	371313	24.891	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	220965	24.900	ug/L	99
46) Tetrachloroethene	10.861	164	196503	24.917	ug/L	95
48) 2-Hexanone	10.965	43	323613	49.682	ug/L	95
49) Dibromochloromethane	11.129	129	225908	25.409	ug/L	95
50) 1,2-Dibromoethane	11.233	107	208387	25.606	ug/L	100
51) Chlorobenzene	11.654	112	730382	24.914	ug/L	97
52) Ethylbenzene	11.727	91	1316117	24.849	ug/L	99
53) m,p-Xylene	11.837	106	489740	25.289	ug/L	92
54) o-Xylene	12.166	106	471364	25.121	ug/L	90
55) Styrene	12.178	104	808590	25.199	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	284456	24.485	ug/L	96
59) Bromoform	12.349	173	129988	25.346	ug/L	99
60) Isopropylbenzene	12.458	105	1269979	25.327	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	218995	25.711	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1046440	25.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1034982	26.024	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	522484	24.492	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	531115	24.968	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	472094	23.491	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	48848	22.742	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	342568	24.141	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	295239	25.505	ug/L	97
71) Naphthalene	15.360	128	690464	26.653	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	265860	25.705	ug/L	99

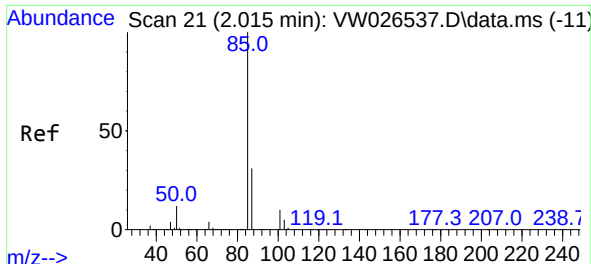
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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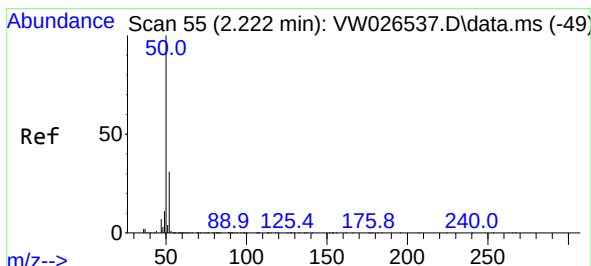
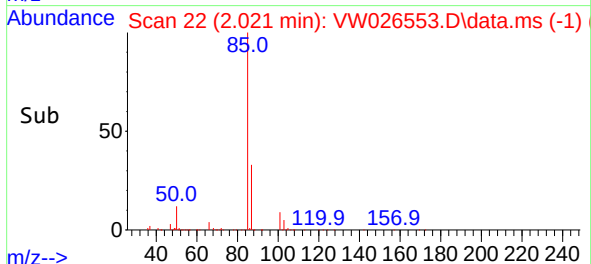
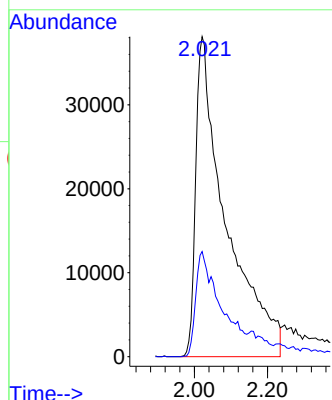
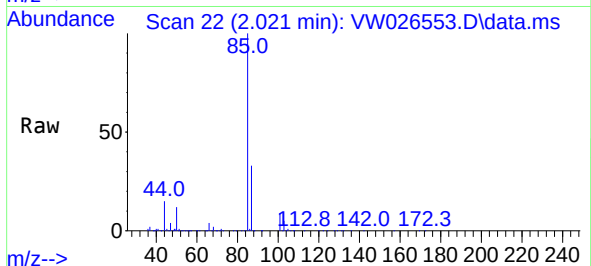




#2
Dichlorodifluoromethane
Concen: 24.741 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

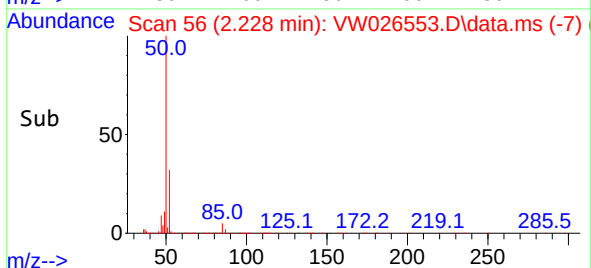
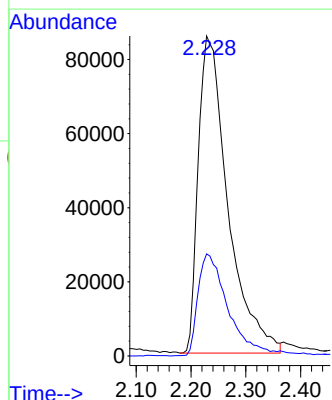
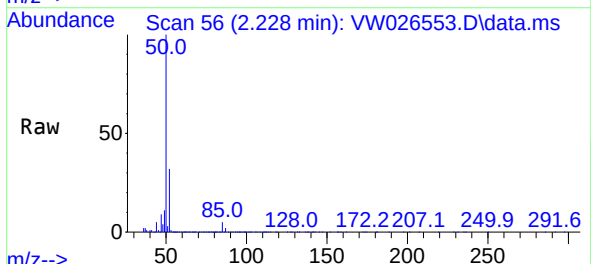
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MSVOA_W
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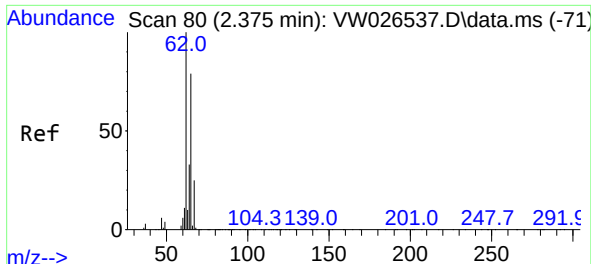
Tgt Ion: 85 Resp: 218261
Ion Ratio Lower Upper
85 100
87 13.1 23.8 35.8#



#3
Chloromethane
Concen: 22.554 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 50 Resp: 321749
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.1

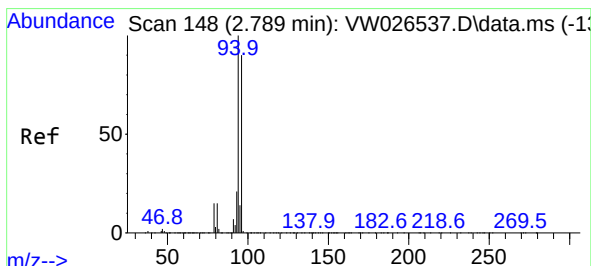
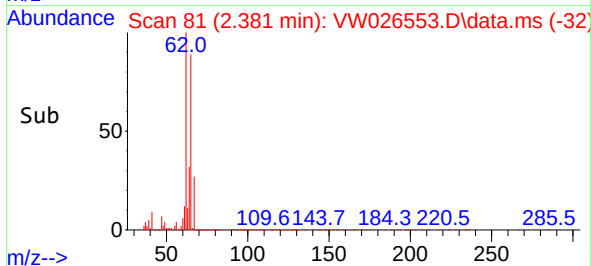
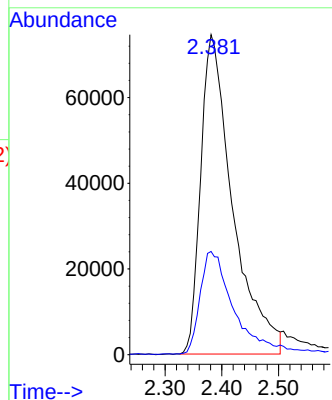
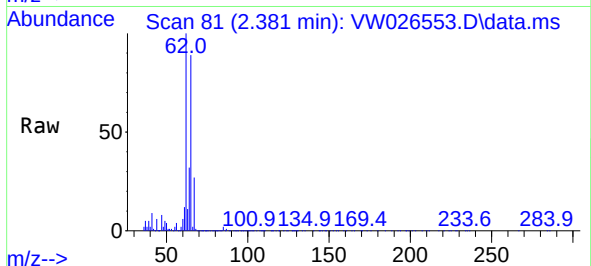




#5
 Vinyl chloride
 Concen: 20.822 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW026553.D
 Acq: 06 Jul 2023 19:44

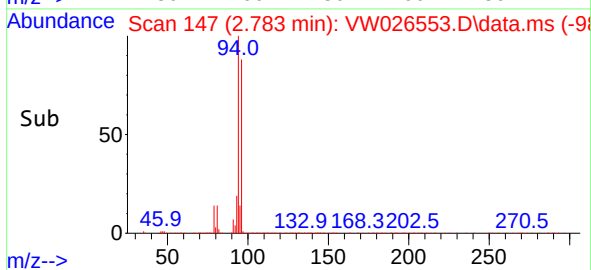
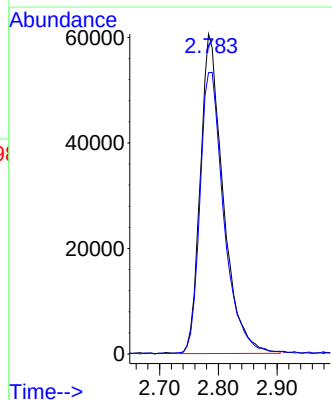
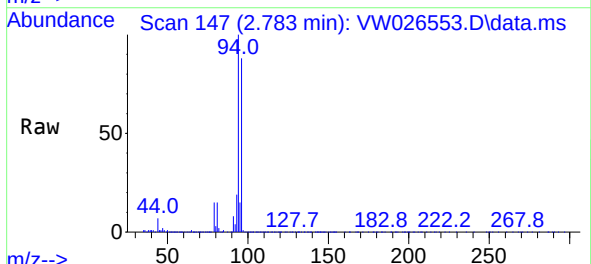
Instrument :
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 ClientSampleId :
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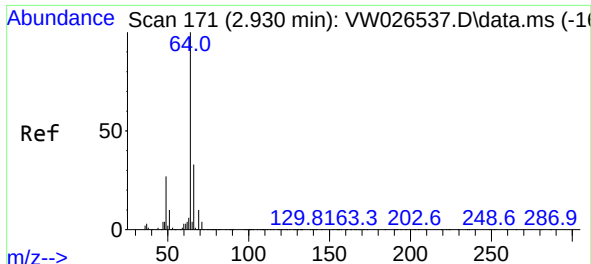
Tgt Ion: 62 Resp: 292543
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.1 41.1



#6
 Bromomethane
 Concen: 20.001 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026553.D
 Acq: 06 Jul 2023 19:44

Tgt Ion: 94 Resp: 164071
 Ion Ratio Lower Upper
 94 100
 96 87.9 66.3 123.1

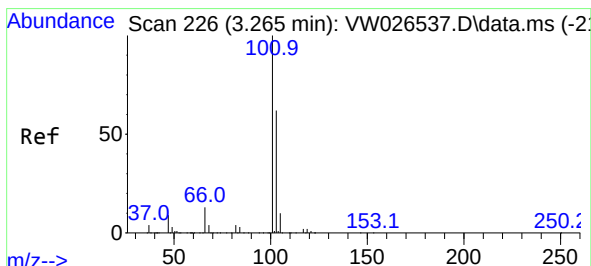
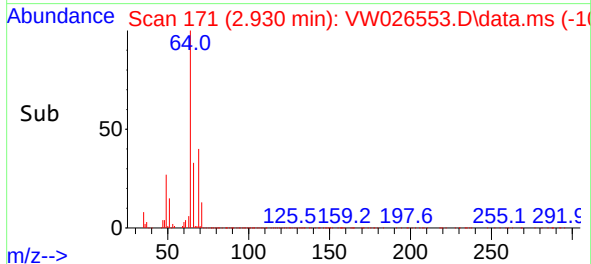
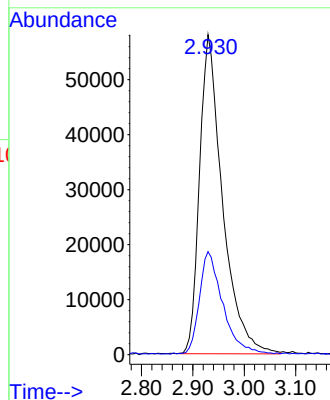
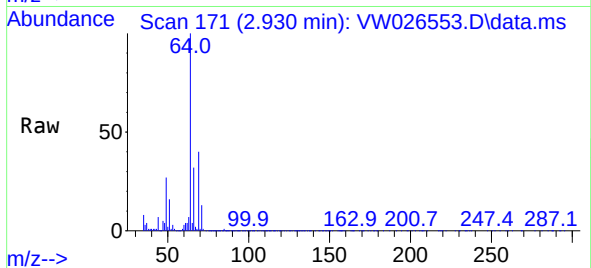




#8
Chloroethane
Concen: 21.287 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

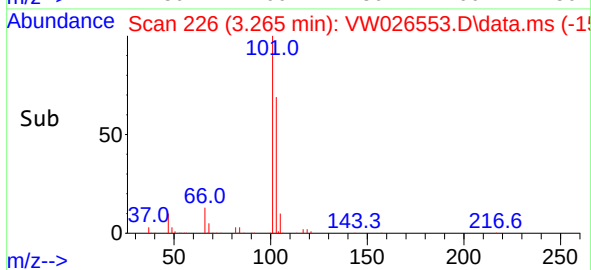
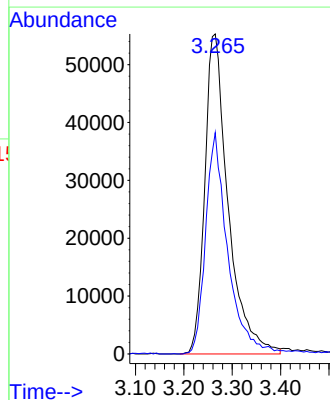
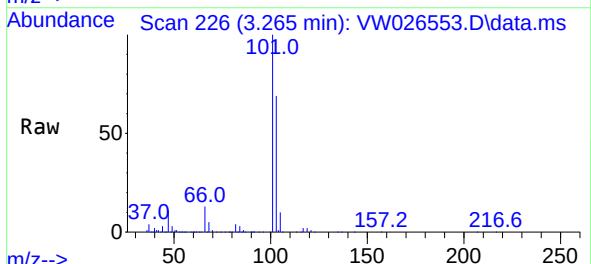
Instrument :
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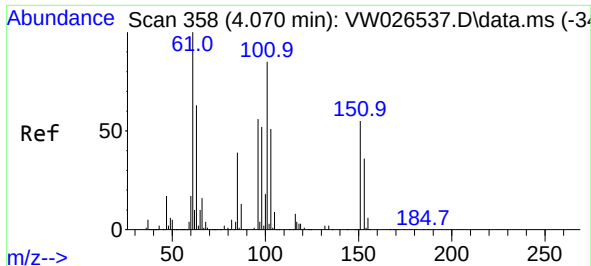
Tgt Ion: 64 Resp: 180161
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 20.533 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 101 Resp: 185440
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

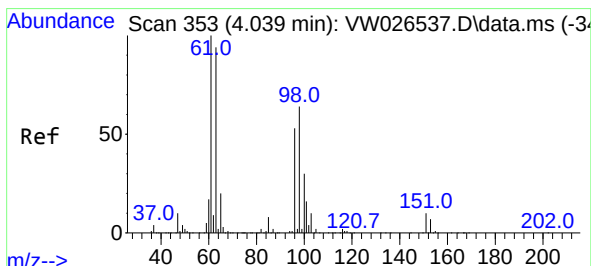
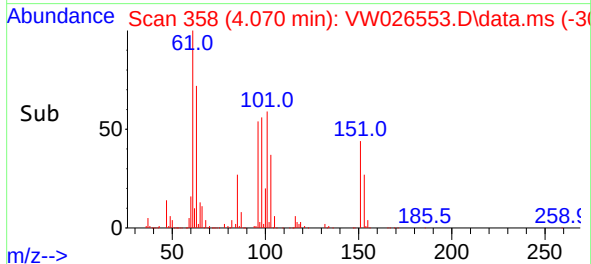
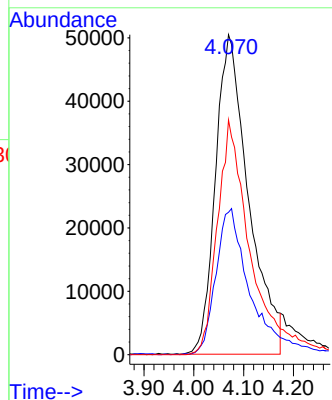
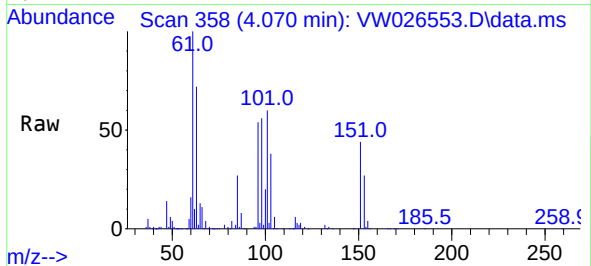




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.042 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

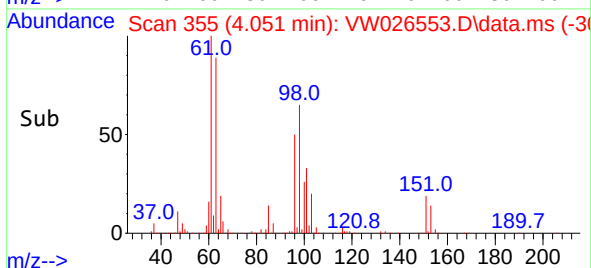
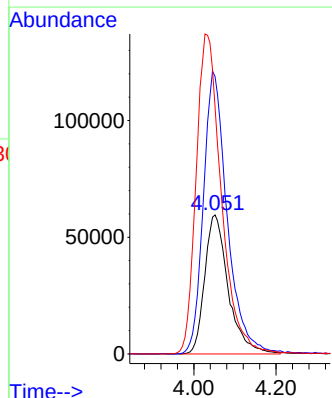
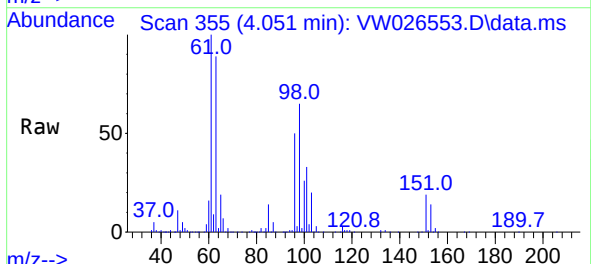
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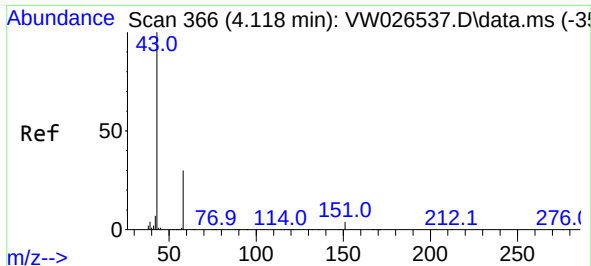
Tgt Ion:101 Resp: 232759
Ion Ratio Lower Upper
101 100
85 47.2 35.4 53.0
151 70.5 55.2 82.8



#12
1,1-Dichloroethene
Concen: 24.279 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 96 Resp: 237127
Ion Ratio Lower Upper
96 100
61 199.3 142.9 265.5
63 177.3 132.7 246.5

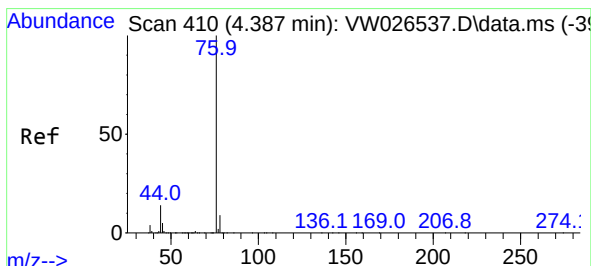
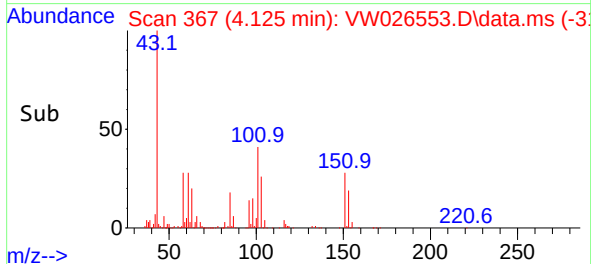
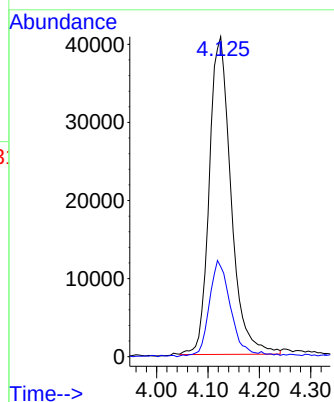
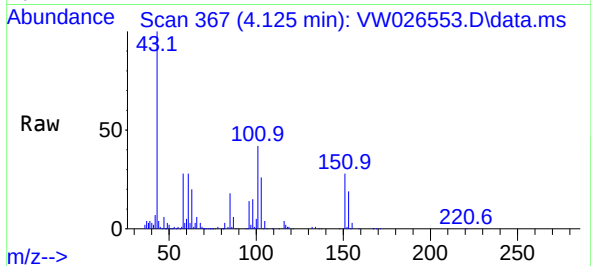




#13
Acetone
Concen: 43.357 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

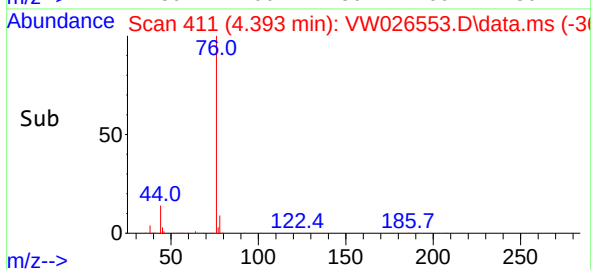
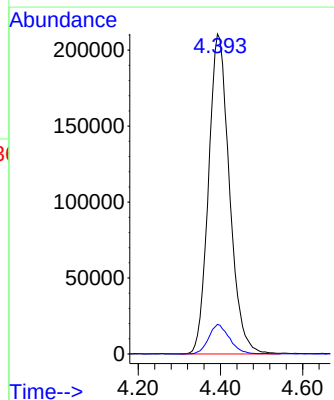
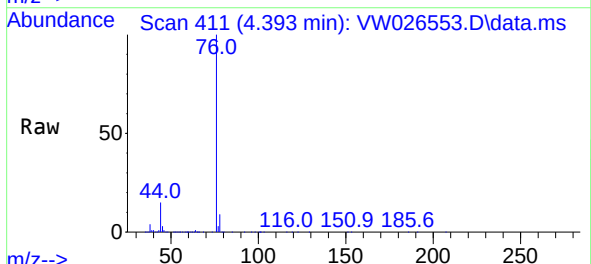
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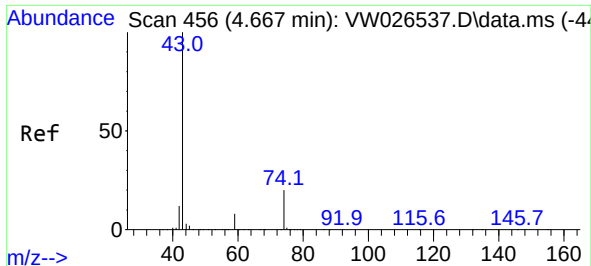
Tgt Ion: 43 Resp: 119725
Ion Ratio Lower Upper
43 100
58 28.7 0.0 59.6



#14
Carbon disulfide
Concen: 24.000 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026553.D
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Tgt Ion: 76 Resp: 744142
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

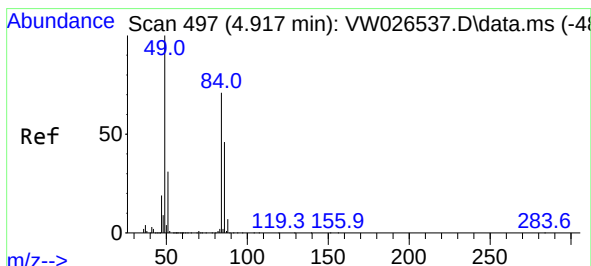
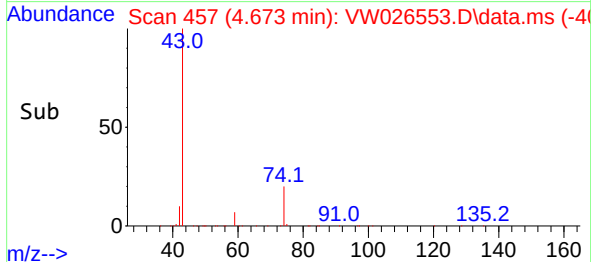
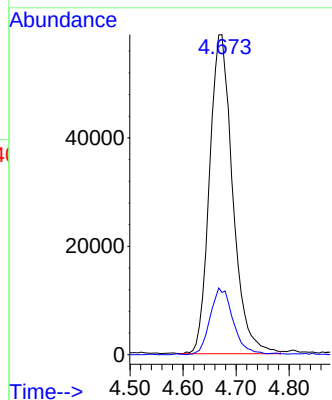
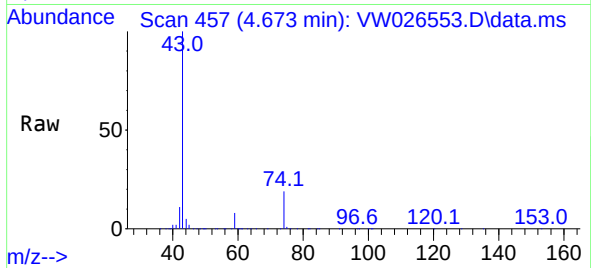




#15
Methyl Acetate
Concen: 26.083 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

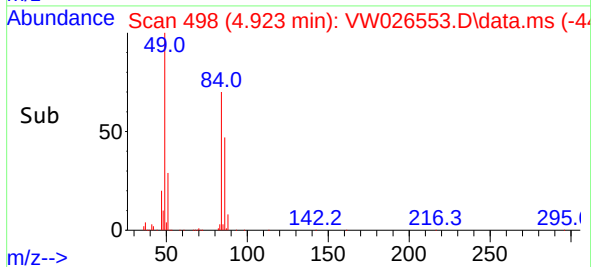
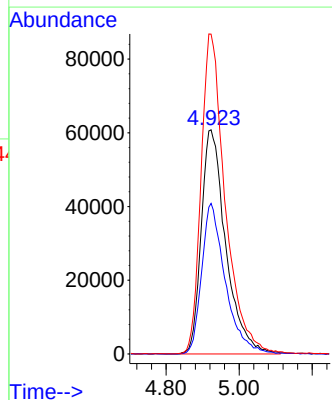
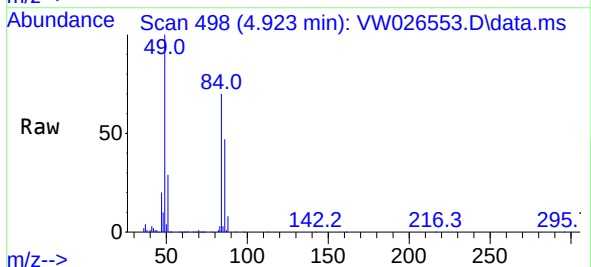
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

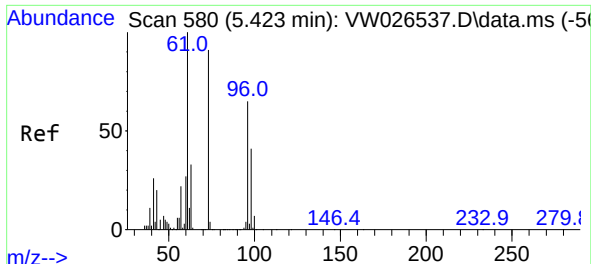
Tgt Ion: 43 Resp: 179207
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8



#16
Methylene chloride
Concen: 20.551 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 84 Resp: 283476
Ion Ratio Lower Upper
84 100
86 67.2 43.3 80.5
49 142.6 99.3 184.3

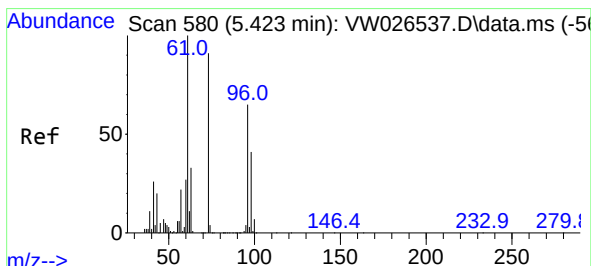
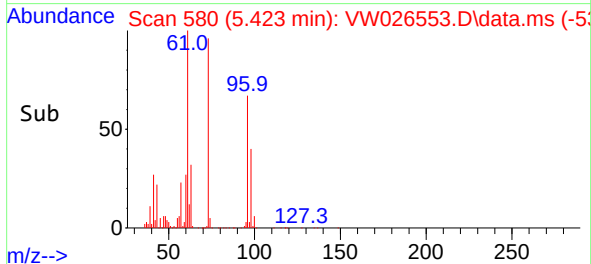
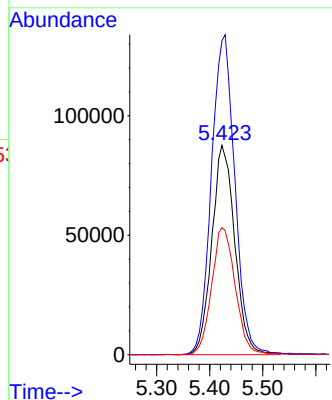
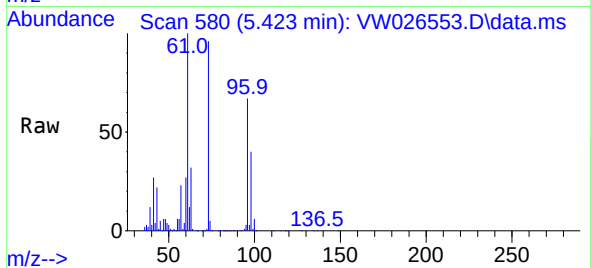




#17
trans-1,2-Dichloroethene
Concen: 24.047 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

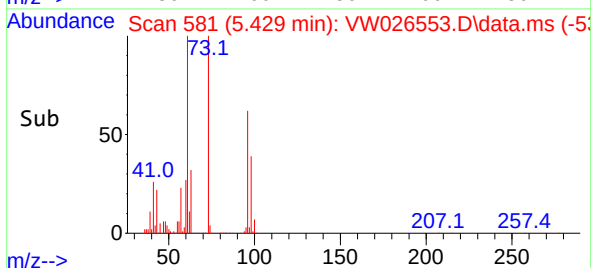
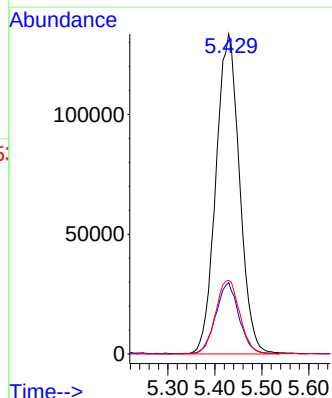
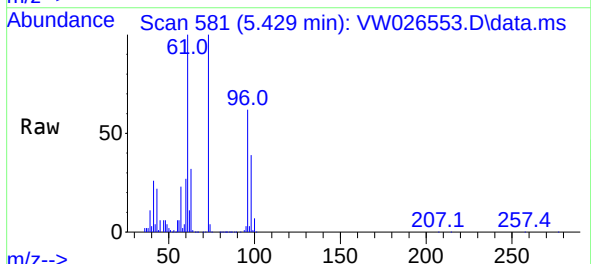
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

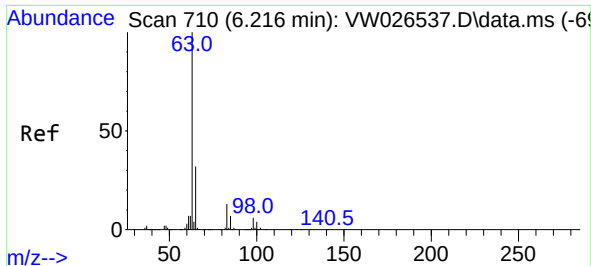
Tgt Ion: 96 Resp: 264305
Ion Ratio Lower Upper
96 100
61 150.0 109.7 203.7
98 60.7 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.346 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 73 Resp: 467848
Ion Ratio Lower Upper
73 100
43 21.4 17.8 26.8
57 23.4 18.8 28.2

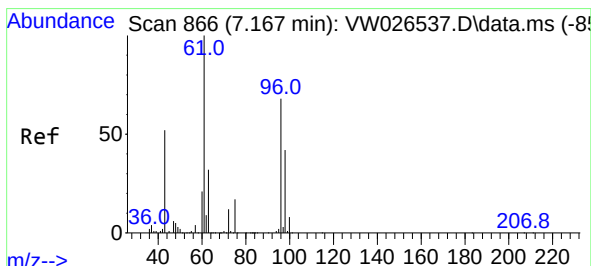
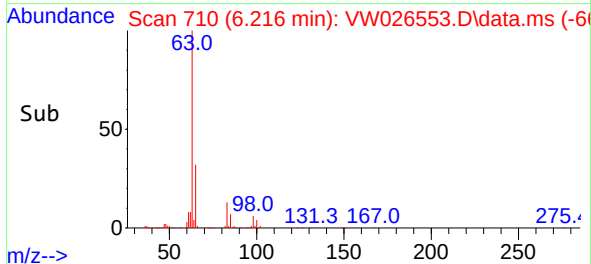
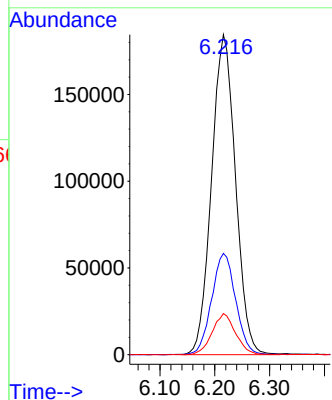
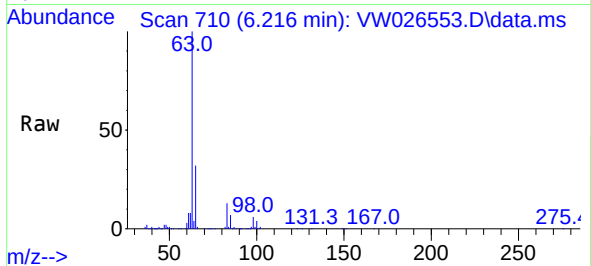




#19
1,1-Dichloroethane
Concen: 23.631 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

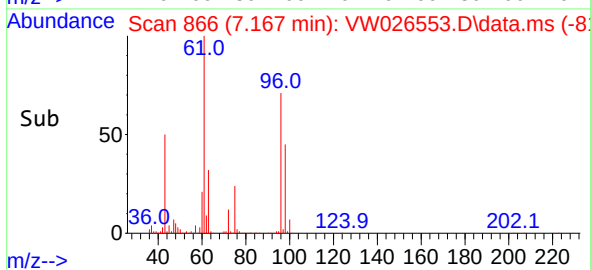
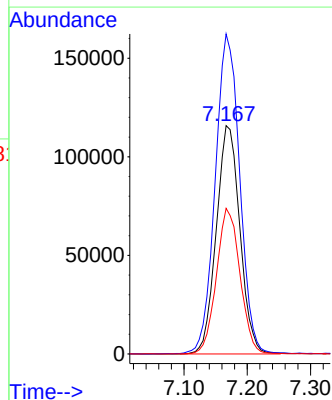
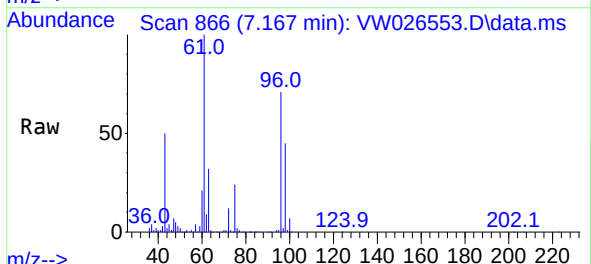
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

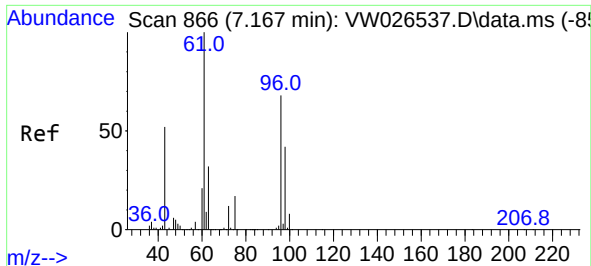
Tgt Ion: 63 Resp: 559336
Ion Ratio Lower Upper
63 100
65 31.7 21.8 40.4
83 12.9 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 23.772 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 96 Resp: 299766
Ion Ratio Lower Upper
96 100
61 140.2 101.9 189.3
98 63.8 45.9 85.3

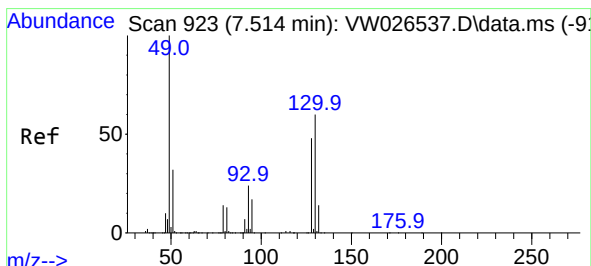
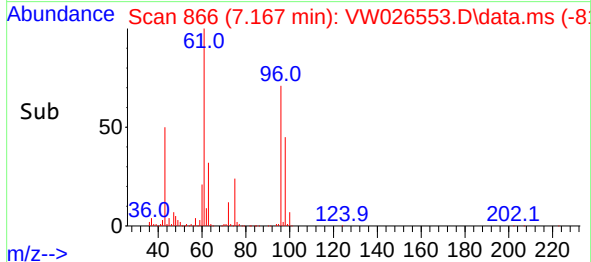
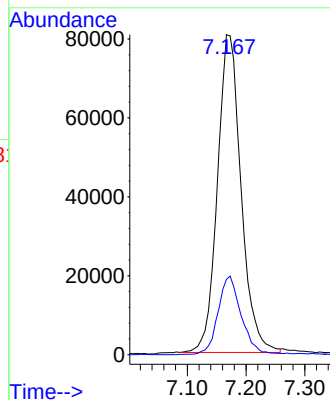
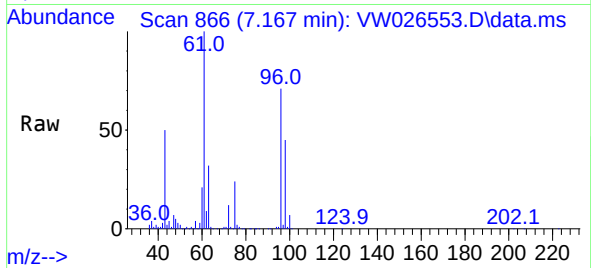




#22
2-Butanone
Concen: 43.831 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

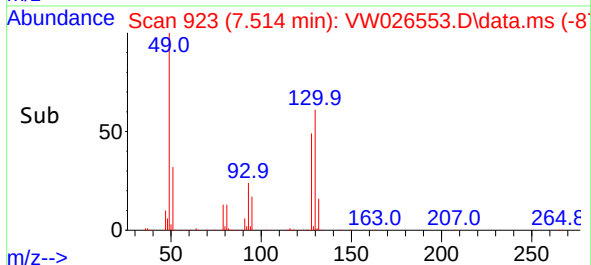
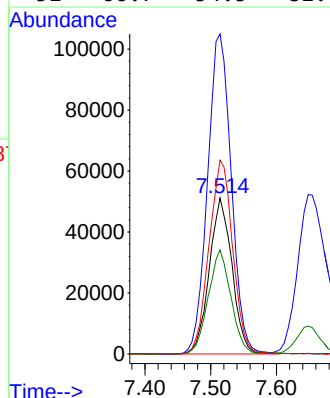
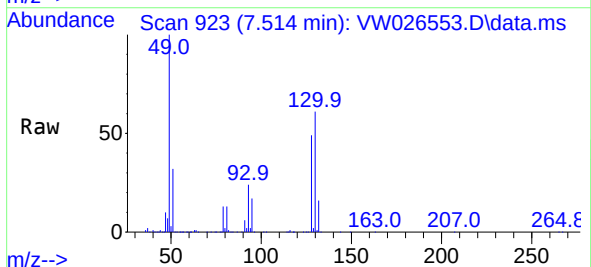
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

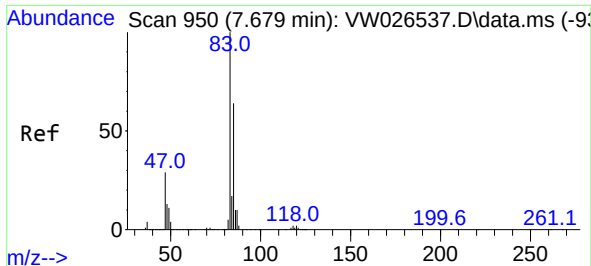
Tgt Ion: 43 Resp: 225271
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.1



#23
Bromochloromethane
Concen: 23.551 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 128 Resp: 122996
Ion Ratio Lower Upper
128 100
49 205.2 152.2 282.7
130 124.2 89.2 165.8
51 66.7 54.5 81.7

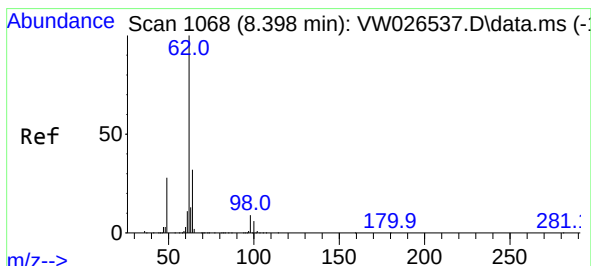
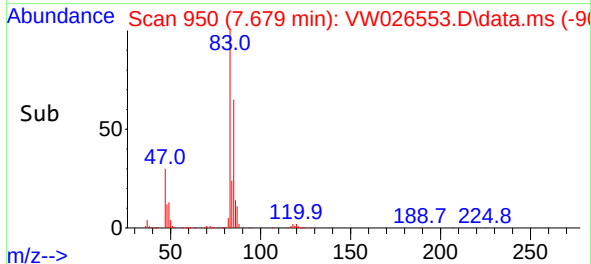
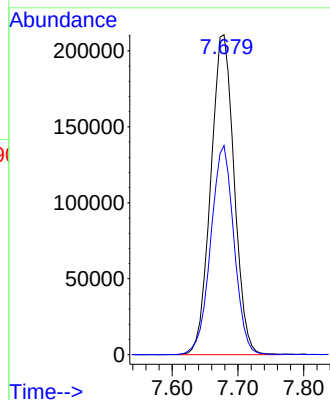
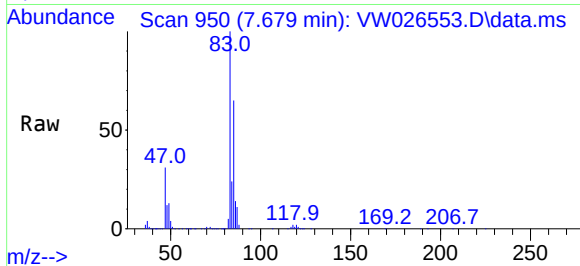




#25
Chloroform
Concen: 24.590 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

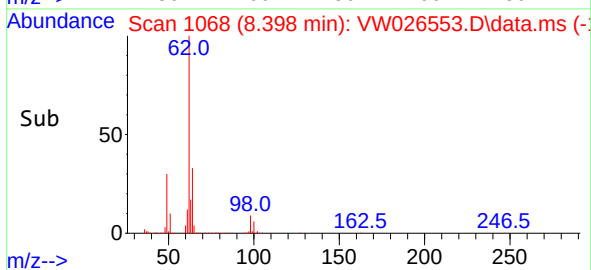
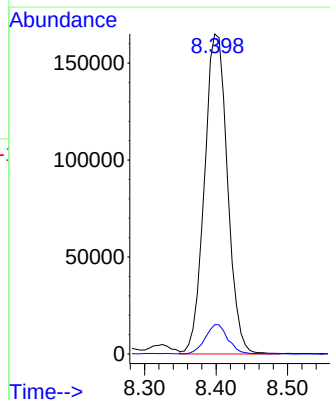
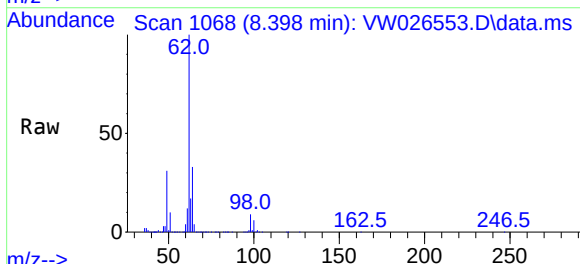
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

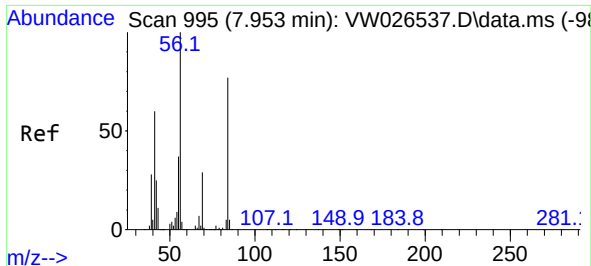
Tgt Ion: 83 Resp: 521600
Ion Ratio Lower Upper
83 100
85 65.4 44.8 83.2



#27
1,2-Dichloroethane
Concen: 23.632 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 62 Resp: 369374
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2

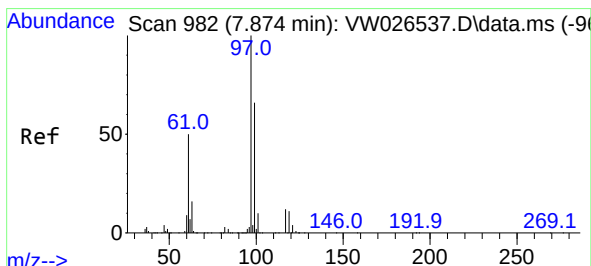
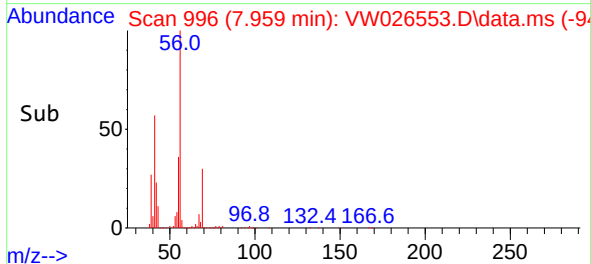
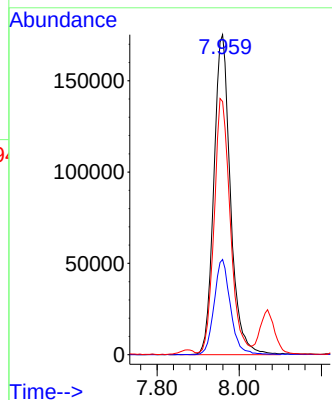
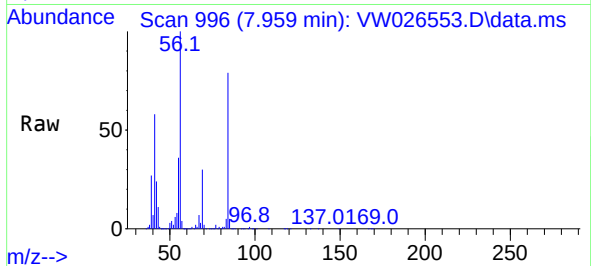




#29
Cyclohexane
Concen: 25.917 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

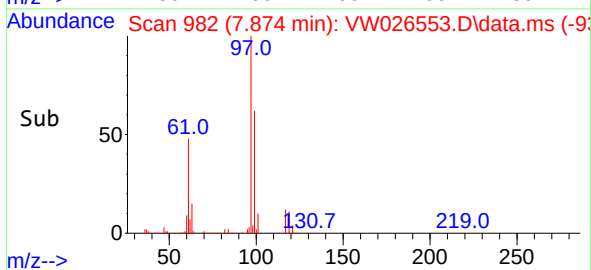
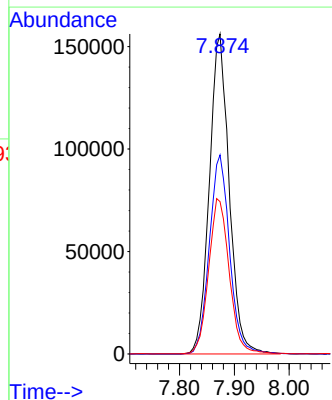
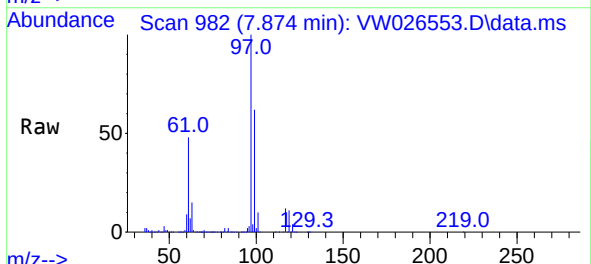
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

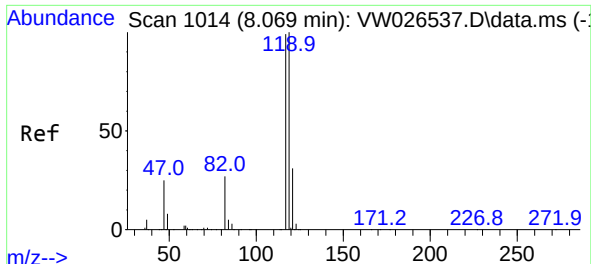
Tgt Ion: 56 Resp: 491271
Ion Ratio Lower Upper
56 100
69 29.2 22.9 34.3
84 77.7 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.602 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 97 Resp: 391938
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 50.2 40.2 60.2

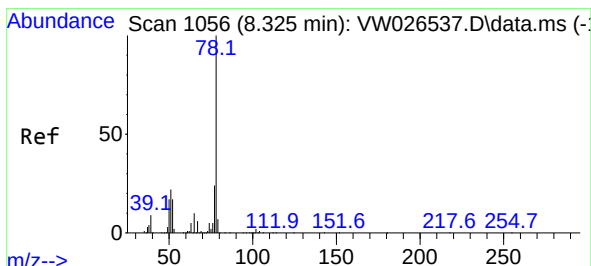
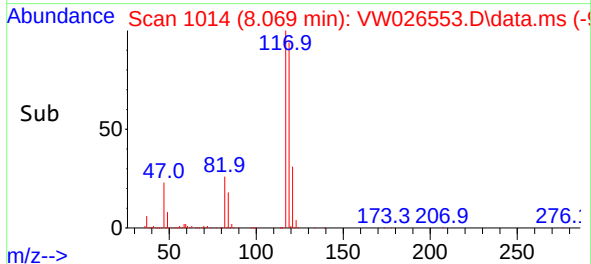
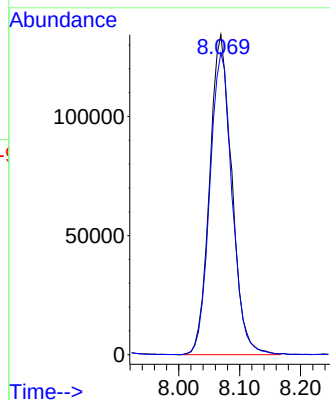
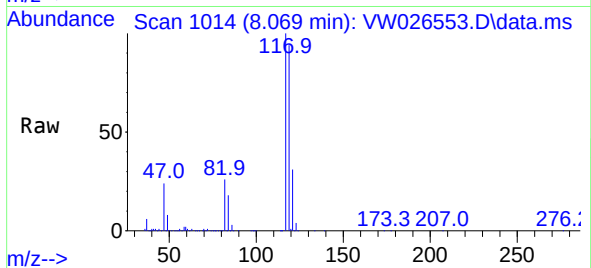




#31
Carbon tetrachloride
Concen: 24.620 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

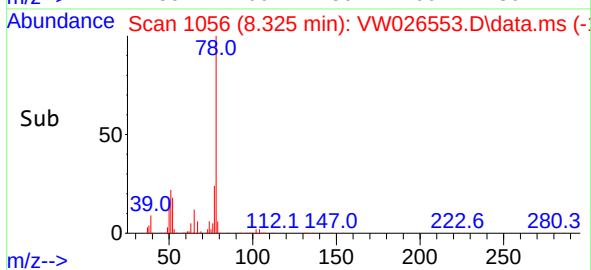
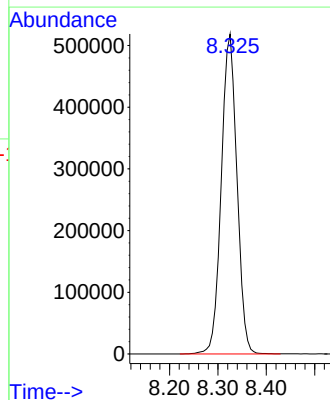
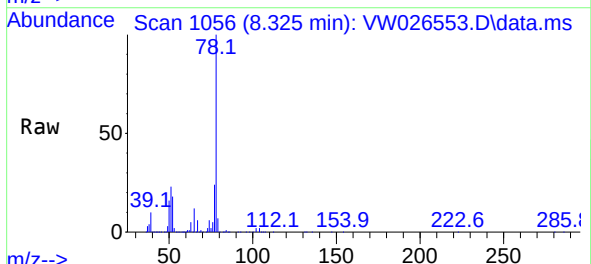
Instrument : MSVOA_W
ClientSampleId : VSTD025551

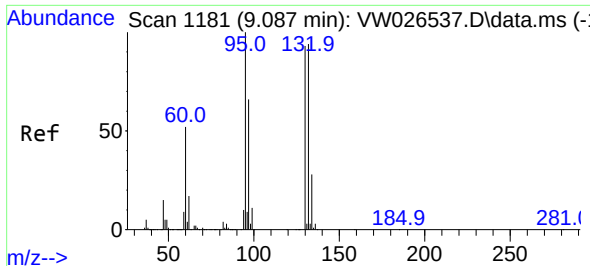
Tgt Ion:117 Resp: 339804
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 26.458 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 78 Resp: 1165834



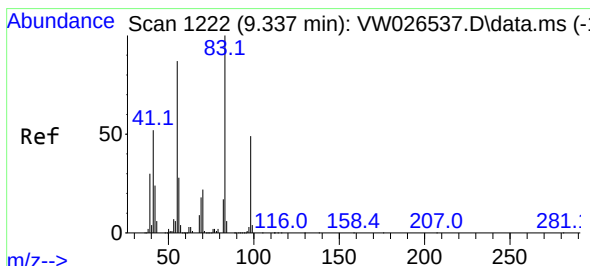
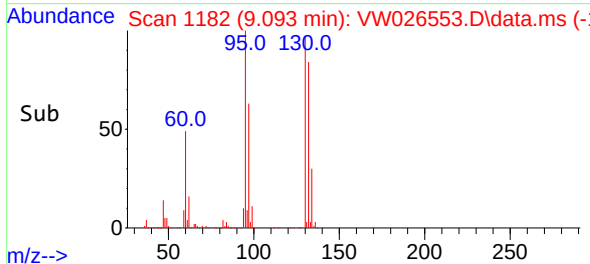
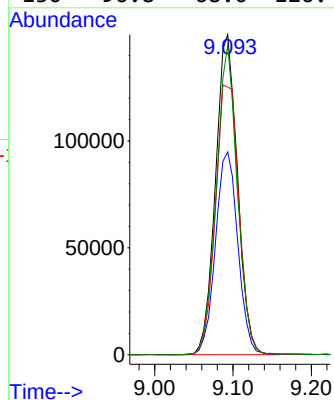
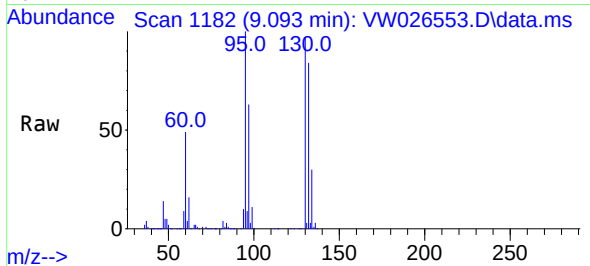


#34
Trichloroethene
Concen: 26.007 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion: 95 Resp: 292296

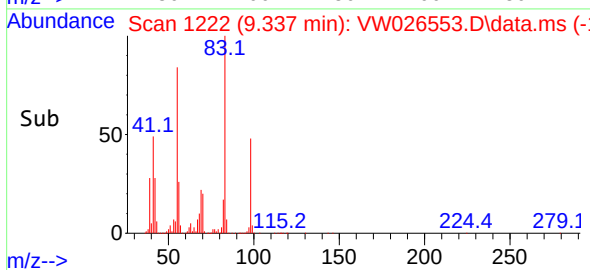
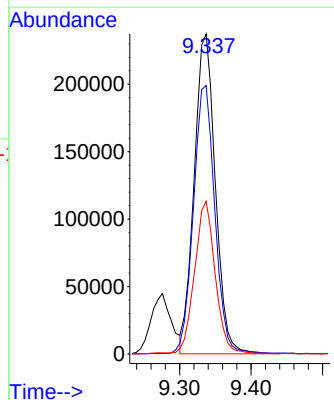
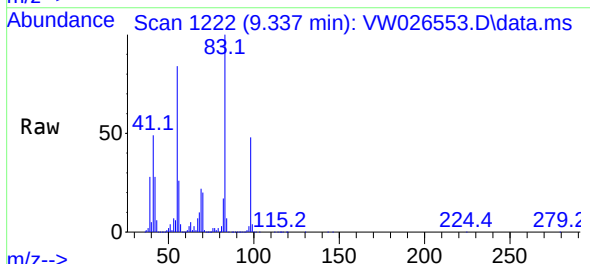
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.1	83.7
132	83.7	63.2	117.4
130	96.8	68.0	126.4

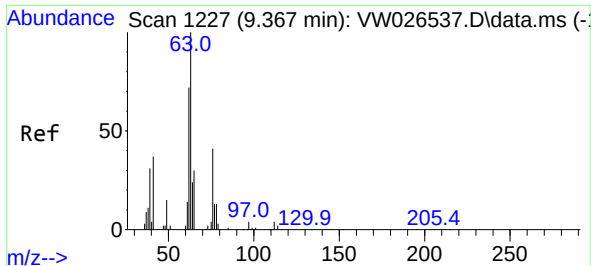


#35
Methylcyclohexane
Concen: 25.457 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 83 Resp: 488706

Ion	Ratio	Lower	Upper
83	100		
55	84.8	67.5	101.3
98	45.8	37.3	55.9

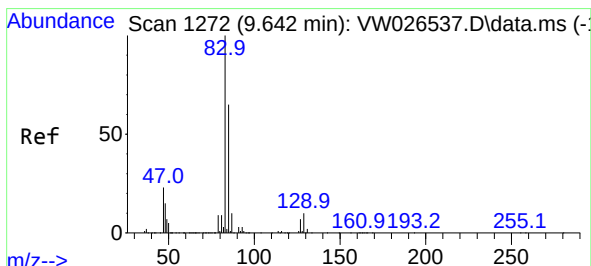
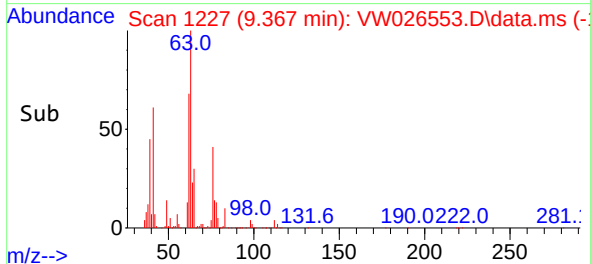
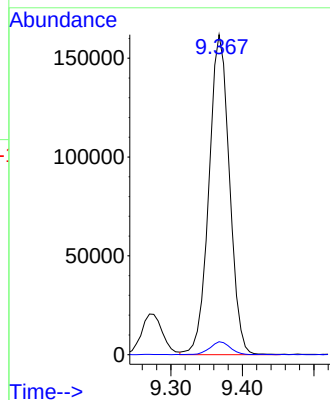
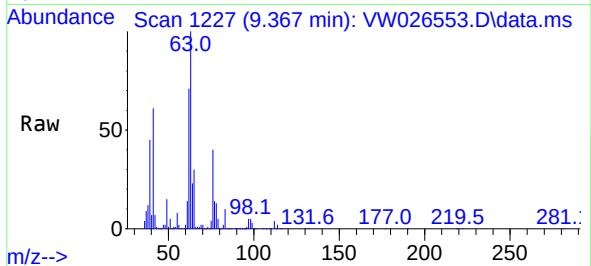




#37
1,2-Dichloropropane
Concen: 26.735 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

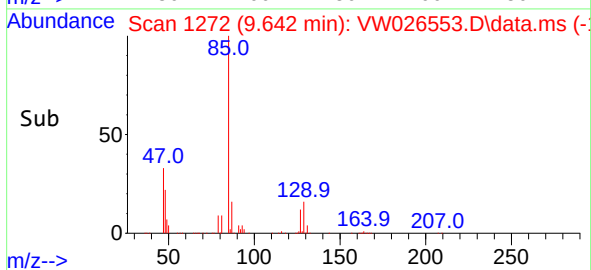
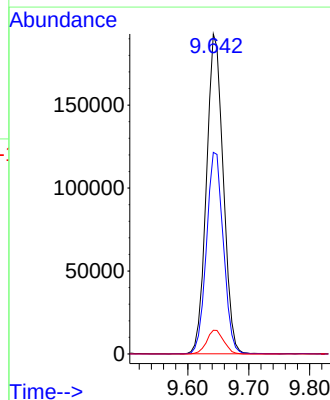
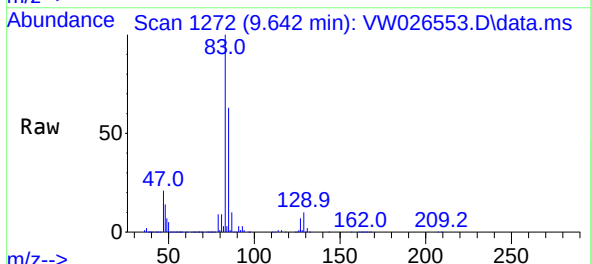
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

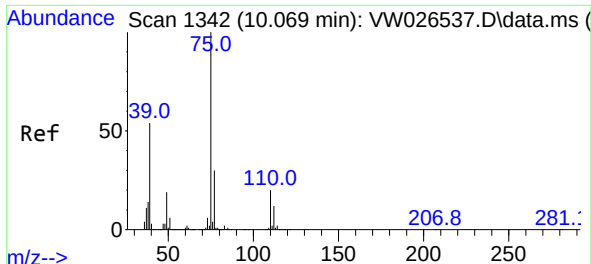
Tgt Ion: 63 Resp: 322739
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.921 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 83 Resp: 369225
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.2
127 7.4 5.2 7.8





#39

cis-1,3-Dichloropropene

Concen: 25.010 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

Instrument :

MSVOA_W

ClientSampleId :

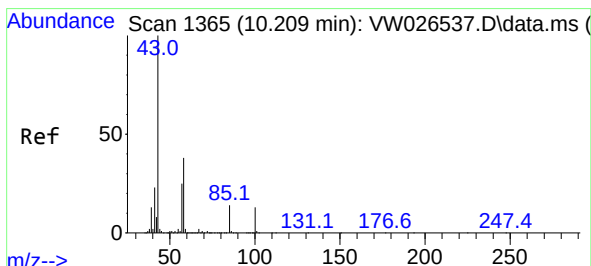
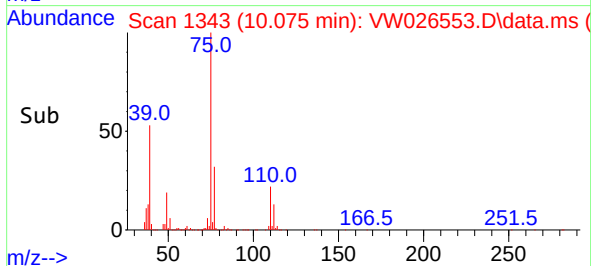
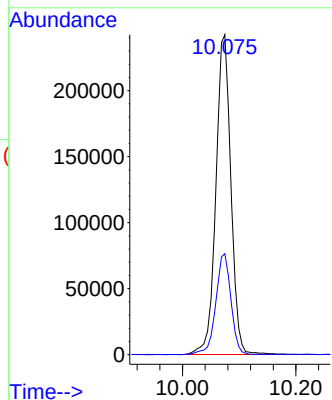
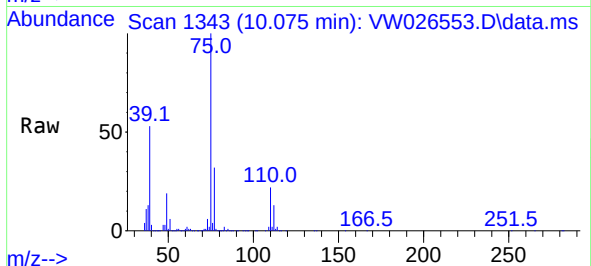
VSTD025551

Tgt Ion: 75 Resp: 445177

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 52.566 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

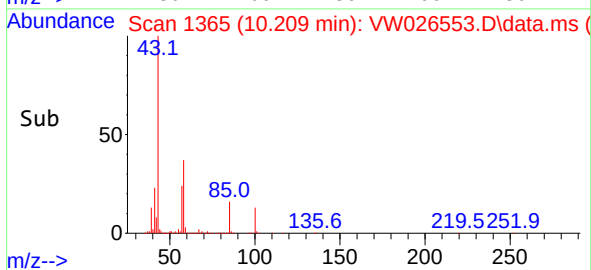
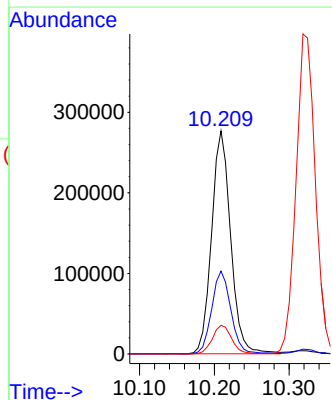
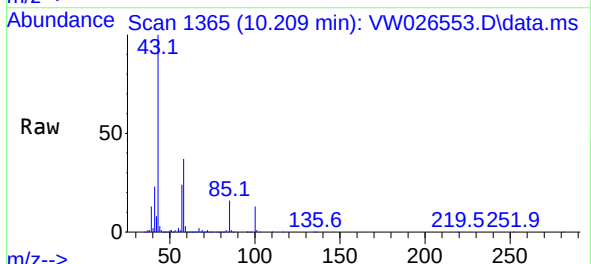
Tgt Ion: 43 Resp: 491033

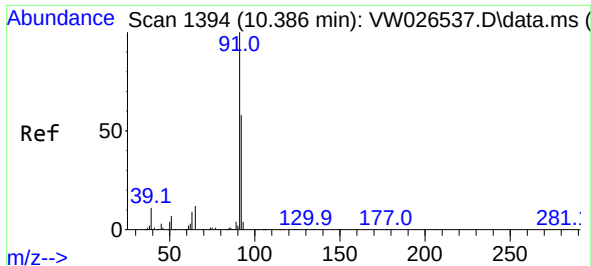
Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.8

100 13.2 10.6 15.8

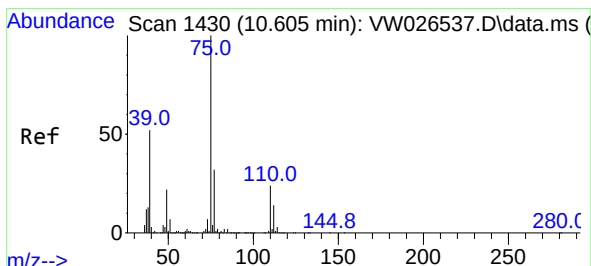
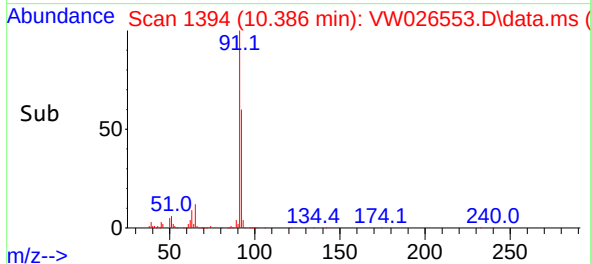
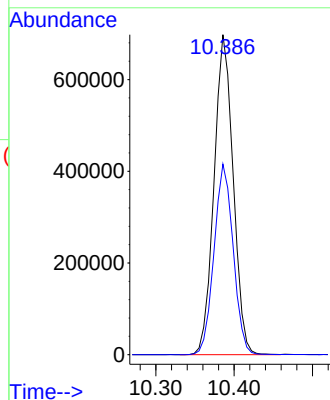
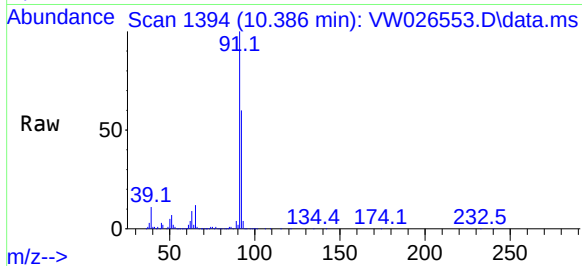




#42
Toluene
Concen: 26.438 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

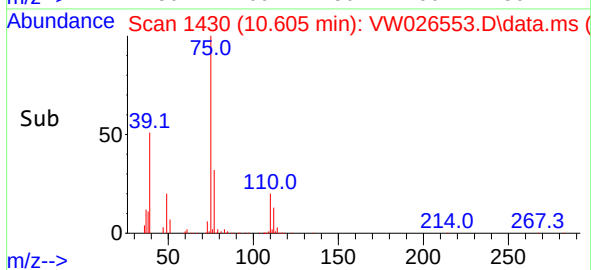
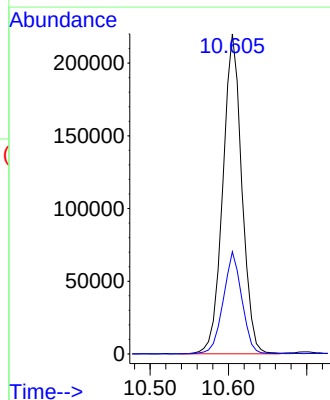
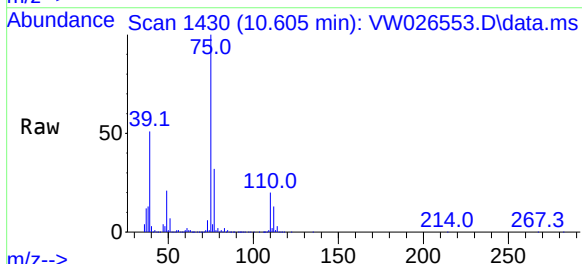
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

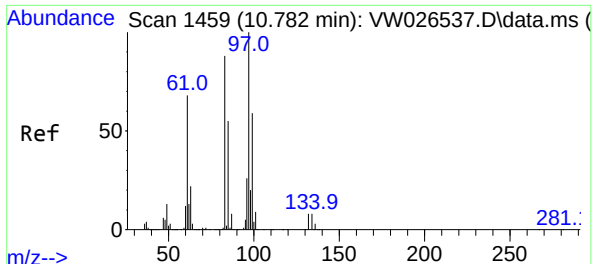
Tgt Ion: 91 Resp: 1185747
Ion Ratio Lower Upper
91 100
92 59.6 42.4 78.8



#44
trans-1,3-Dichloropropene
Concen: 24.891 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 75 Resp: 371313
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0



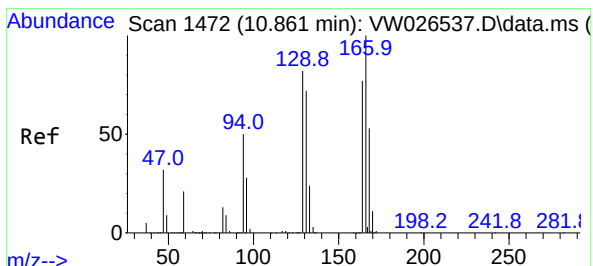
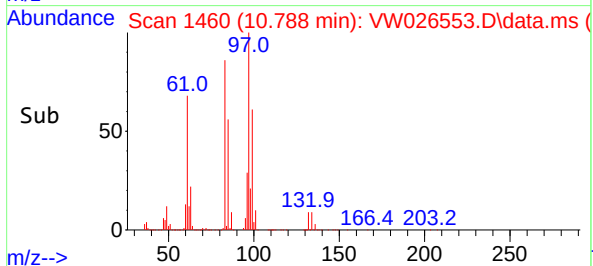
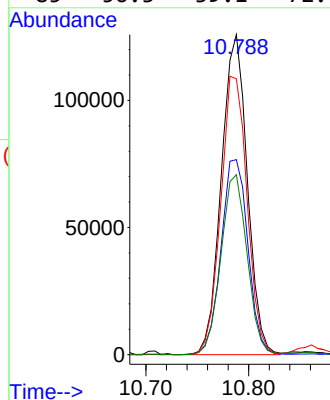
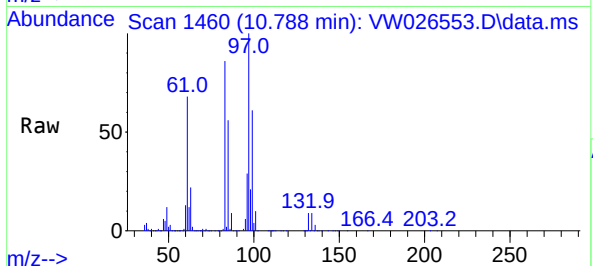


#45
1,1,2-Trichloroethane
Concen: 24.900 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion: 97 Resp: 220965

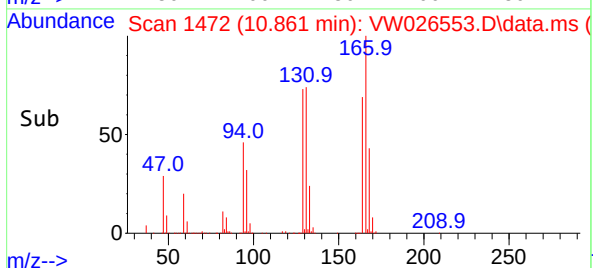
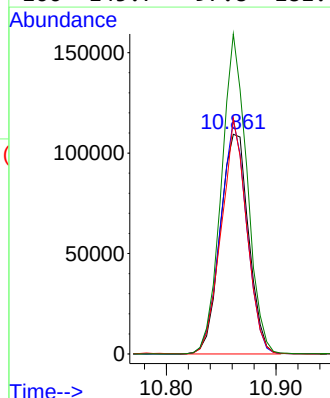
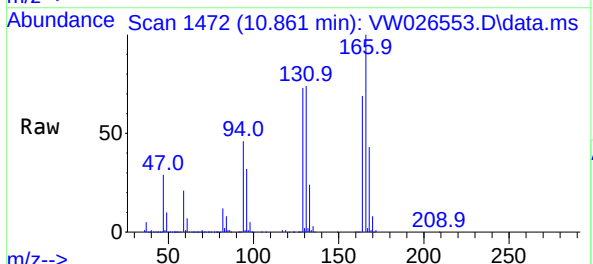
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.1	78.1
83	86.2	59.9	111.3
85	56.3	39.1	72.7

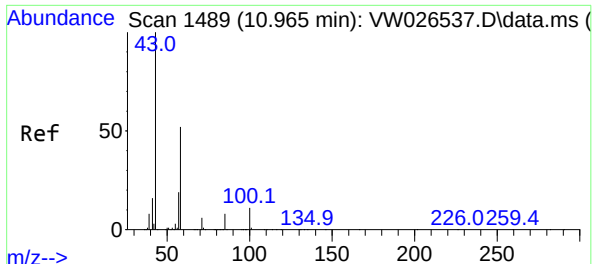


#46
Tetrachloroethene
Concen: 24.917 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 164 Resp: 196503

Ion	Ratio	Lower	Upper
164	100		
129	106.6	73.0	135.6
131	107.1	69.2	128.6
166	145.7	97.8	181.6



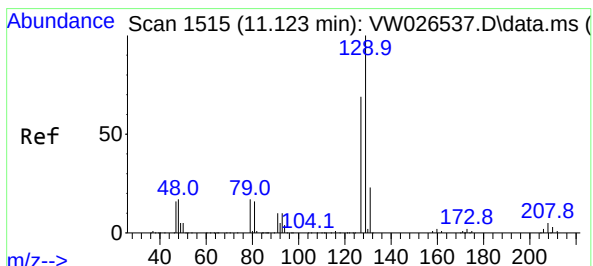
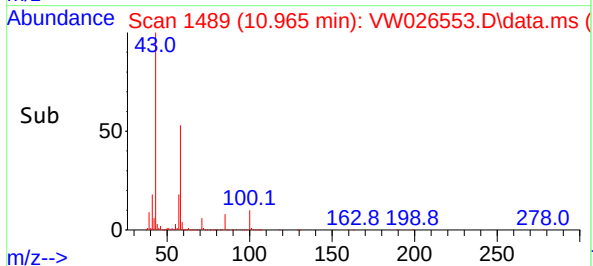
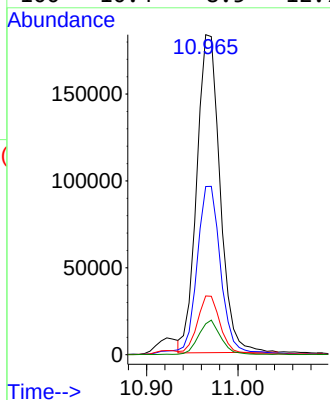
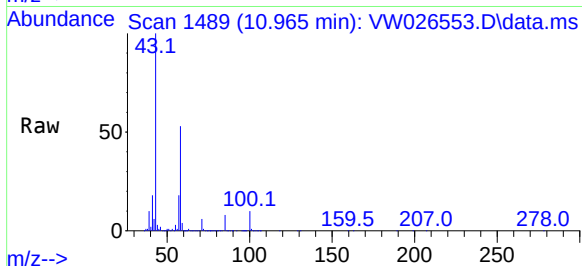


#48
2-Hexanone
Concen: 49.682 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion: 43 Resp: 323613

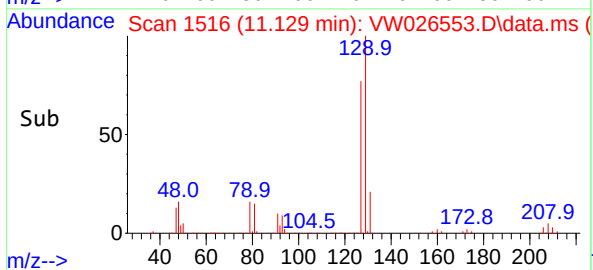
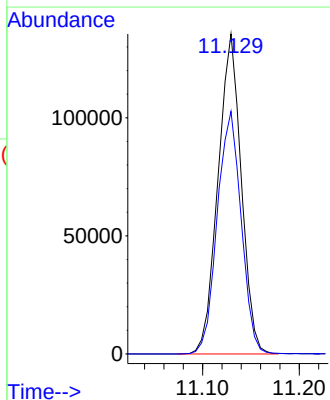
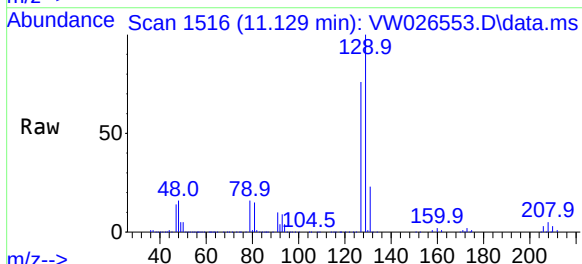
Ion	Ratio	Lower	Upper
43	100		
58	54.9	39.9	59.9
57	18.0	14.1	21.1
100	10.4	8.5	12.7

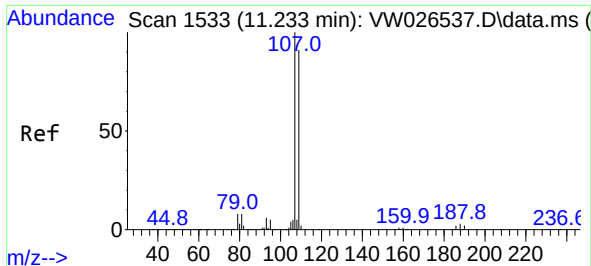


#49
Dibromochloromethane
Concen: 25.409 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 129 Resp: 225908

Ion	Ratio	Lower	Upper
129	100		
127	75.8	50.0	93.0





#50

1,2-Dibromoethane

Concen: 25.606 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

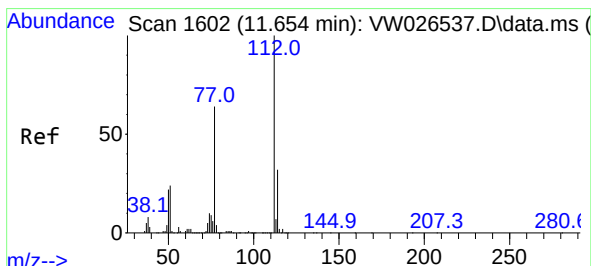
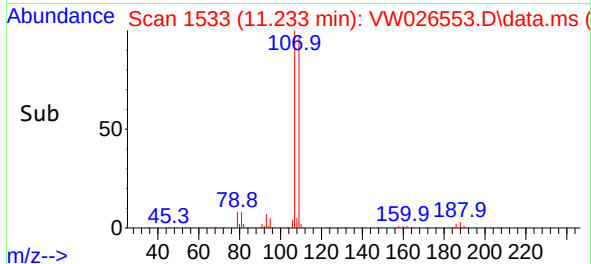
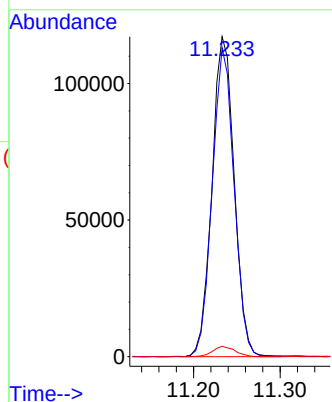
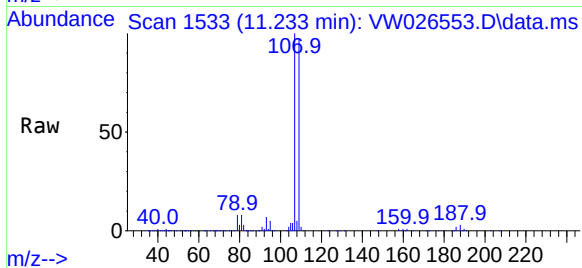
Tgt Ion:107 Resp: 208387

Ion Ratio Lower Upper

107 100

109 96.5 67.7 125.7

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 24.914 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

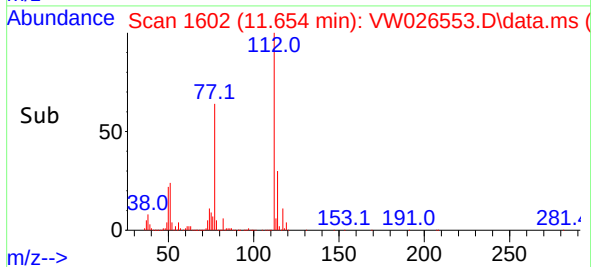
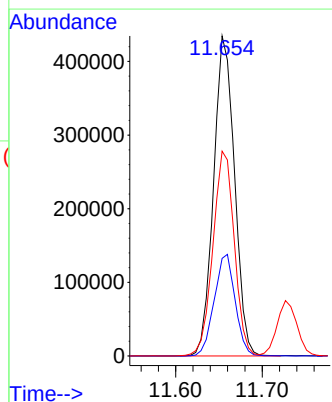
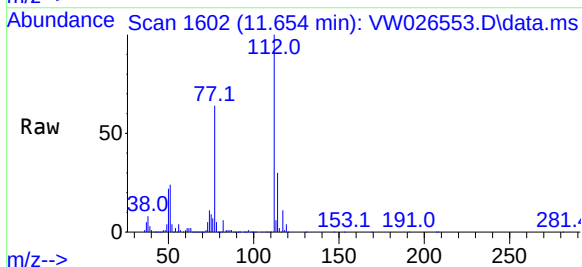
Tgt Ion:112 Resp: 730382

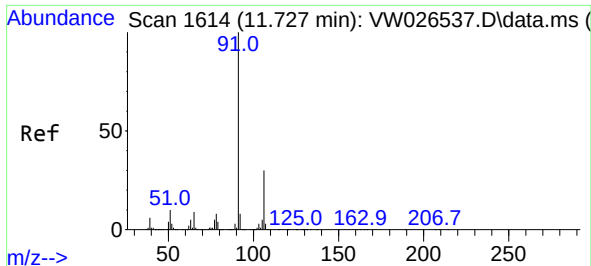
Ion Ratio Lower Upper

112 100

114 30.5 22.2 41.2

77 64.0 53.4 80.2

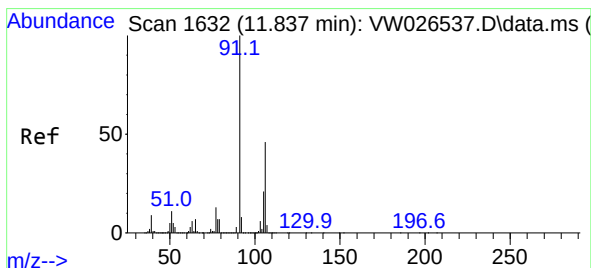
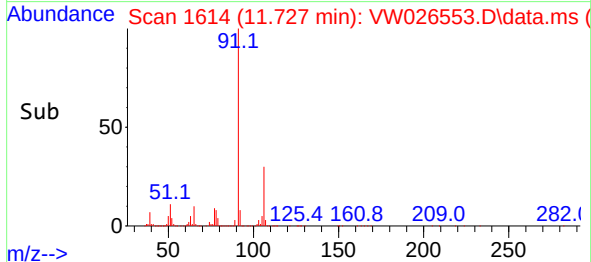
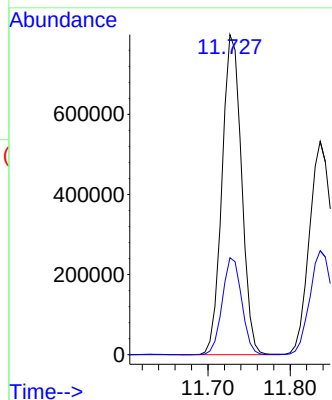
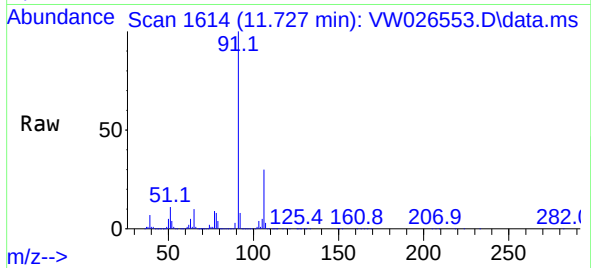




#52
Ethylbenzene
Concen: 24.849 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

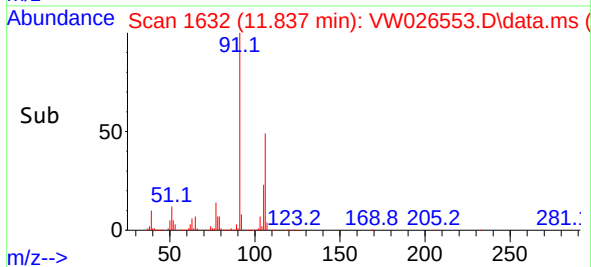
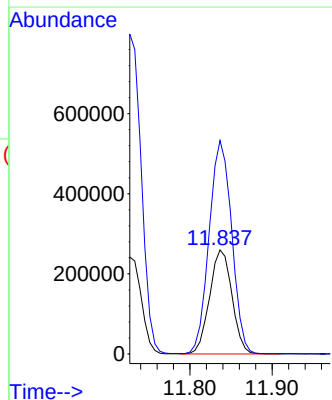
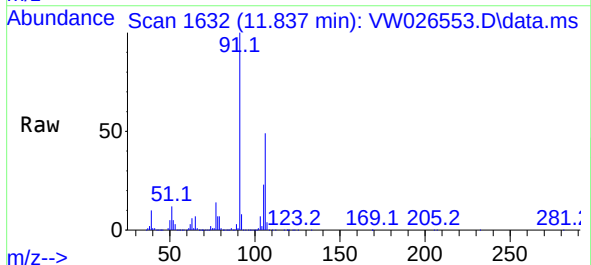
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

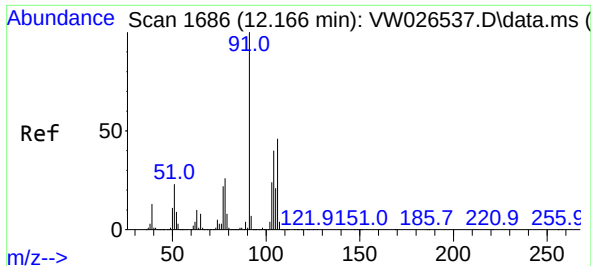
Tgt Ion: 91 Resp: 1316117
Ion Ratio Lower Upper
91 100
106 30.3 20.7 38.5



#53
m,p-Xylene
Concen: 25.289 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:106 Resp: 489740
Ion Ratio Lower Upper
106 100
91 205.1 152.7 283.7

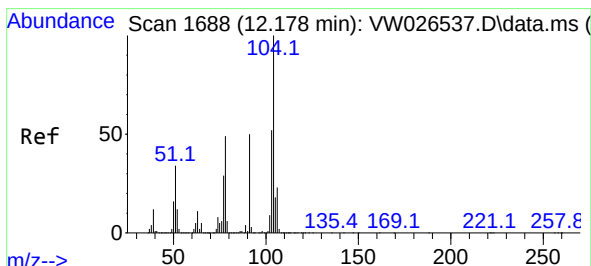
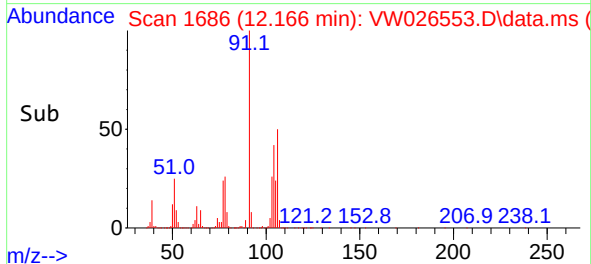
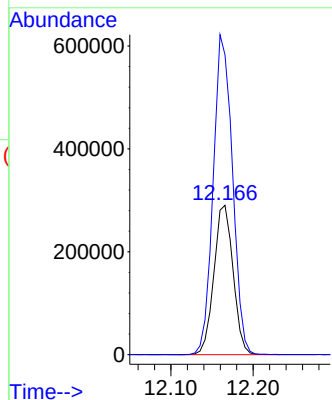
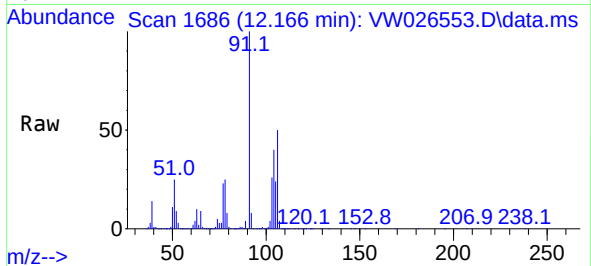




#54
o-Xylene
Concen: 25.121 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

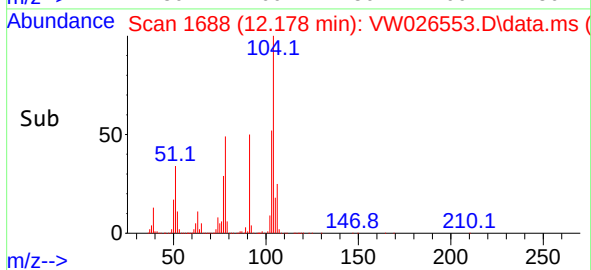
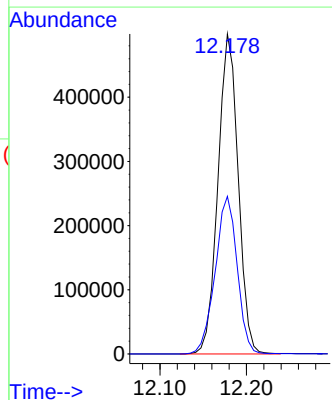
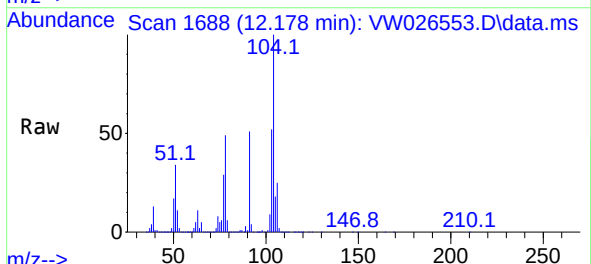
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

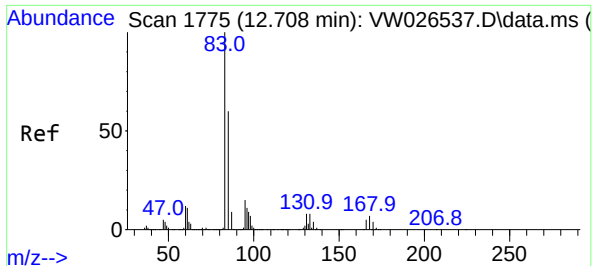
Tgt Ion:106 Resp: 471364
Ion Ratio Lower Upper
106 100
91 200.6 151.8 282.0



#55
Styrene
Concen: 25.199 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:104 Resp: 808590
Ion Ratio Lower Upper
104 100
78 49.2 35.6 66.2

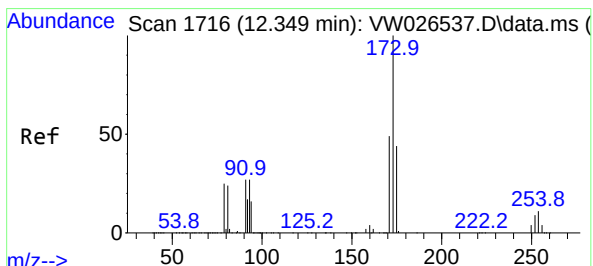
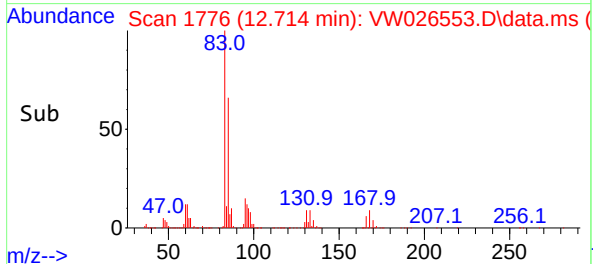
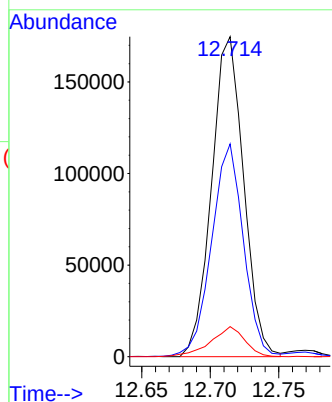
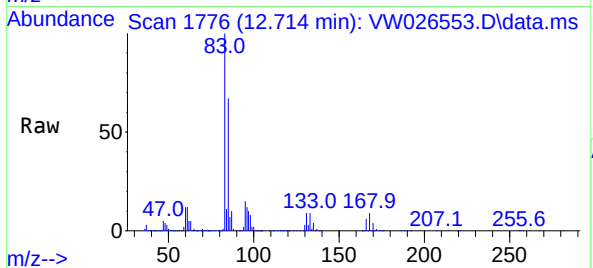




#57
1,1,2,2-Tetrachloroethane
Concen: 24.485 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

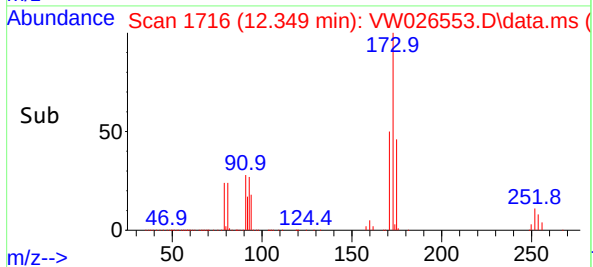
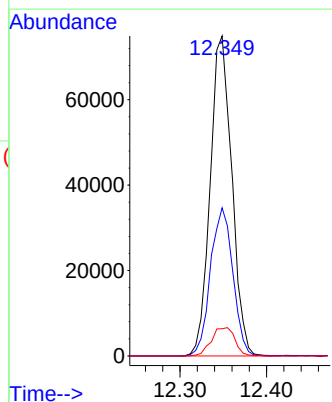
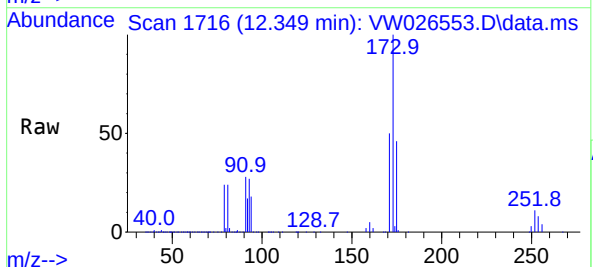
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

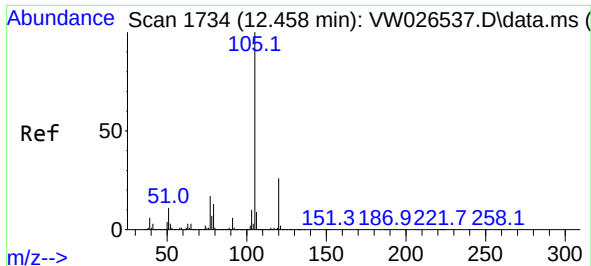
Tgt Ion: 83 Resp: 284456
Ion Ratio Lower Upper
83 100
85 66.5 44.4 82.5
131 9.4 7.2 10.8



#59
Bromoform
Concen: 25.346 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 173 Resp: 129988
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 9.7 7.0 10.6

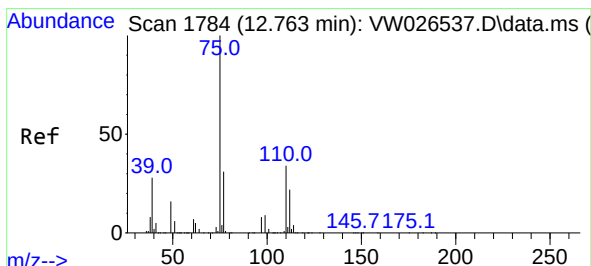
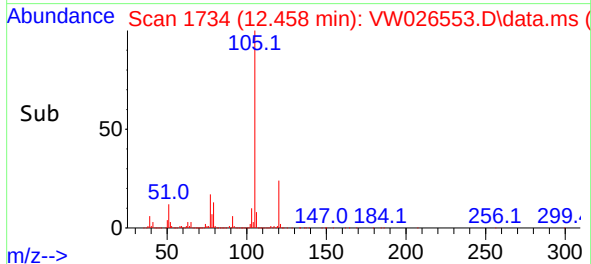
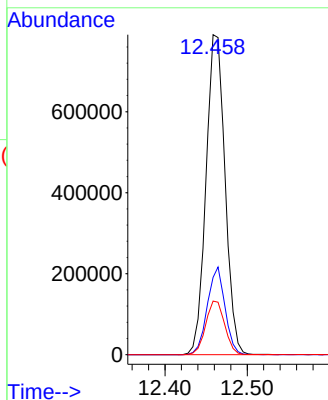
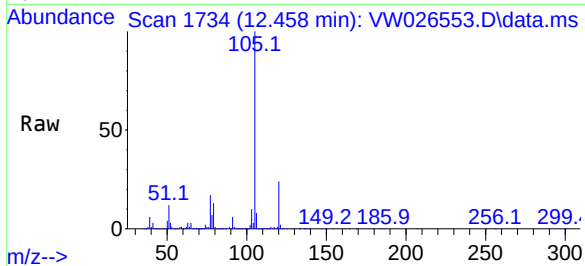




#60
Isopropylbenzene
Concen: 25.327 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

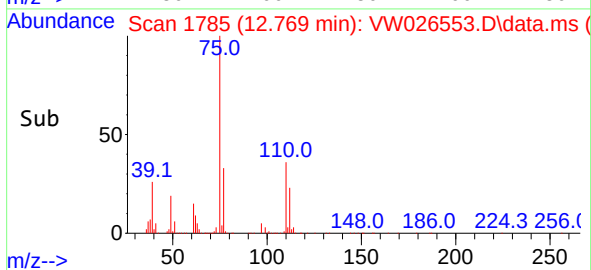
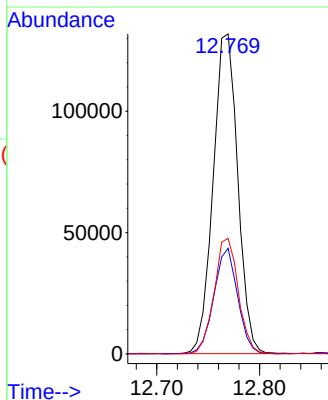
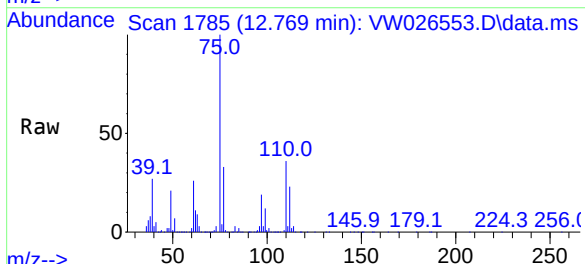
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

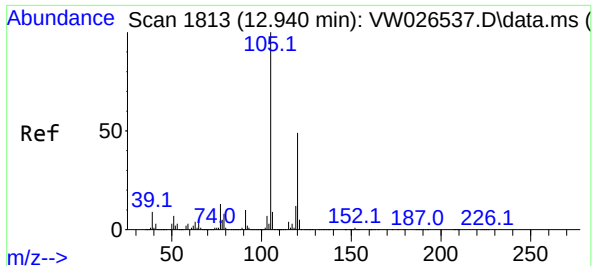
Tgt Ion:105 Resp: 1269979
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 25.711 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion: 75 Resp: 218995
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
110 35.5 28.3 42.5

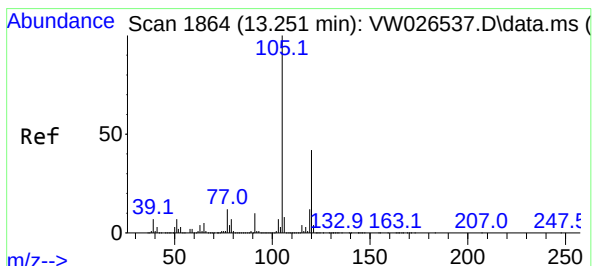
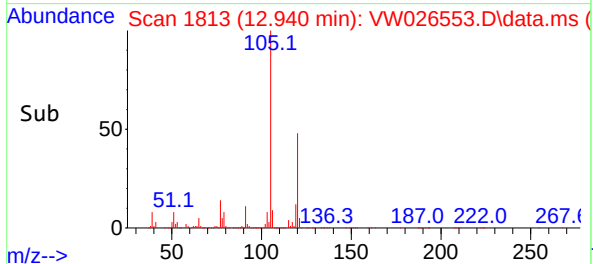
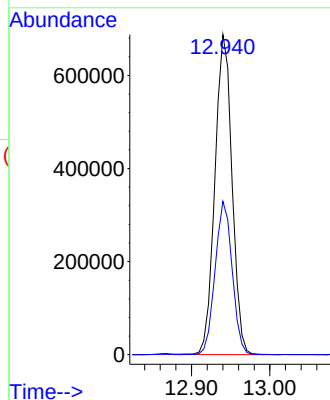
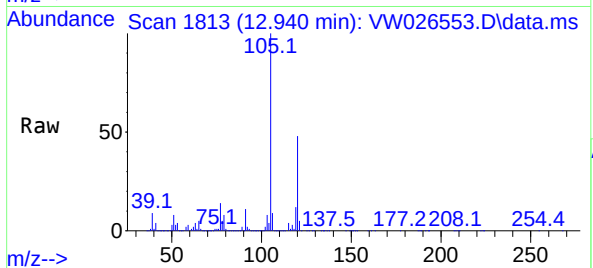




#62
1,3,5-Trimethylbenzene
Concen: 25.311 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

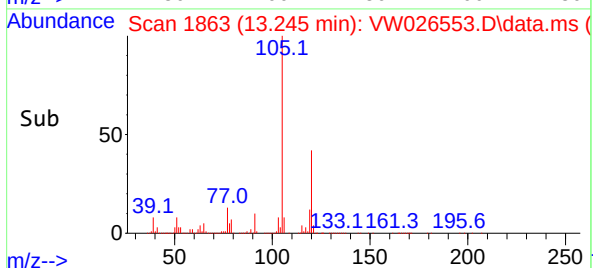
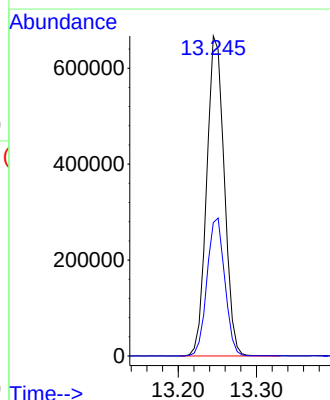
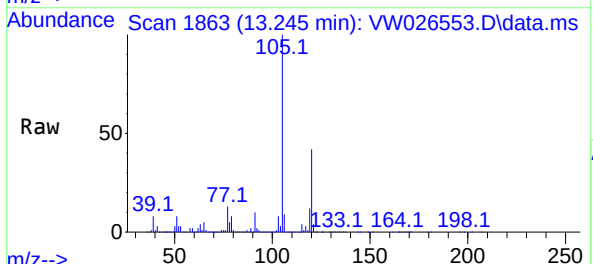
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

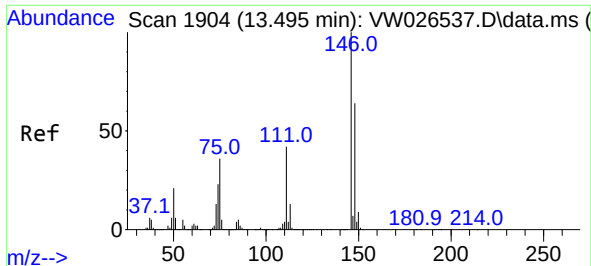
Tgt Ion:105 Resp: 1046440
Ion Ratio Lower Upper
105 100
120 47.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.024 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:105 Resp: 1034982
Ion Ratio Lower Upper
105 100
120 43.6 35.5 53.3

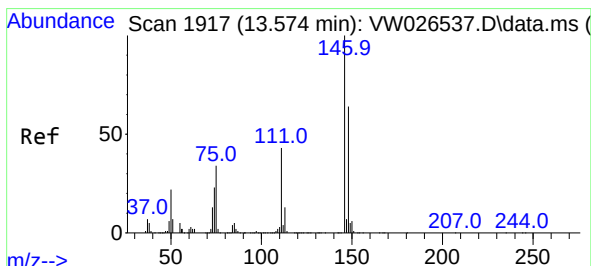
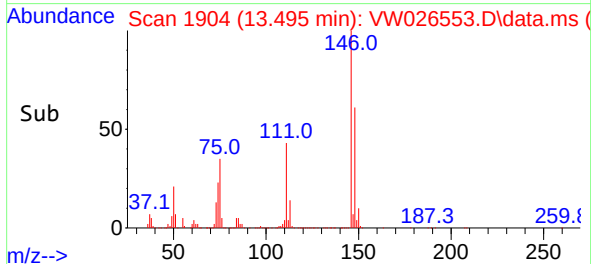
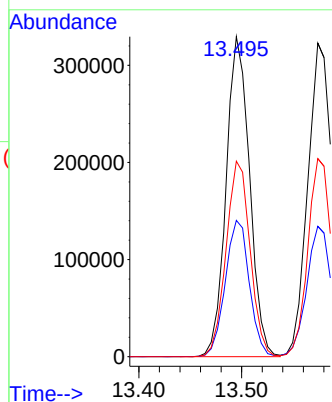
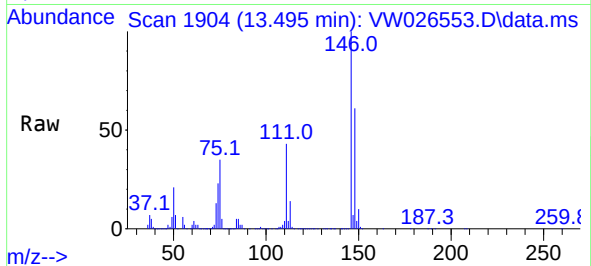




#64
1,3-Dichlorobenzene
Concen: 24.492 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

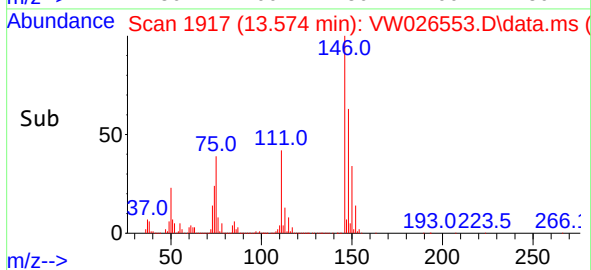
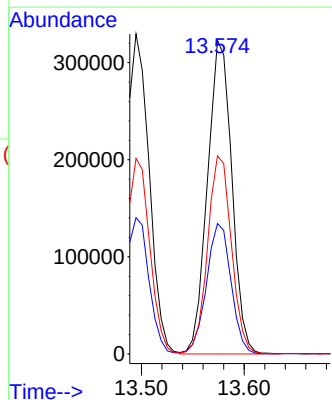
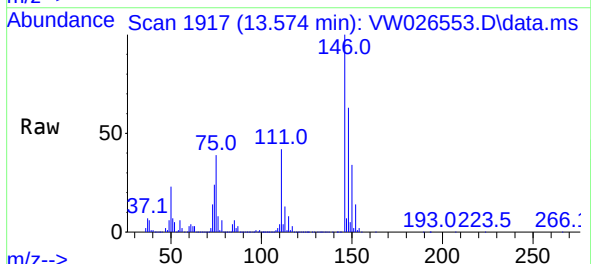
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

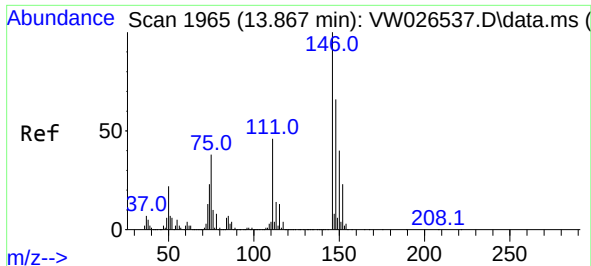
Tgt Ion:146 Resp: 522484
Ion Ratio Lower Upper
146 100
111 42.6 32.7 60.7
148 61.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 24.968 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:146 Resp: 531115
Ion Ratio Lower Upper
146 100
111 41.6 30.2 56.0
148 63.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.491 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

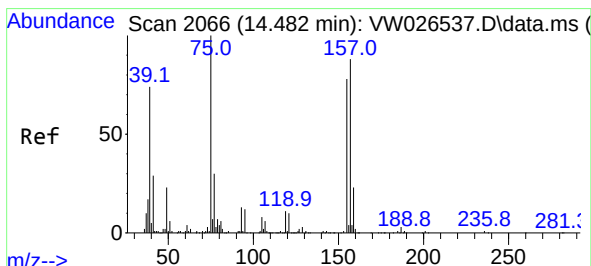
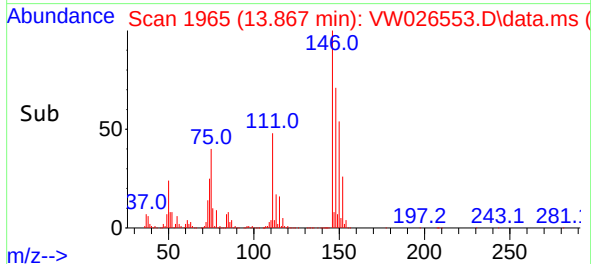
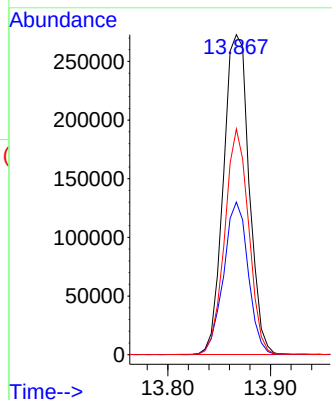
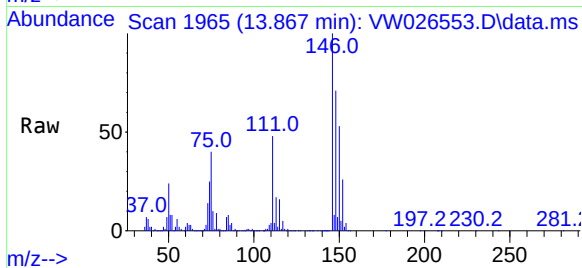
Tgt Ion:146 Resp: 472094

Ion Ratio Lower Upper

146 100

111 47.7 36.6 55.0

148 70.6 55.1 82.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.742 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026553.D

Acq: 06 Jul 2023 19:44

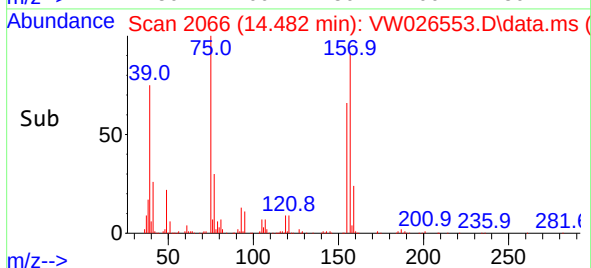
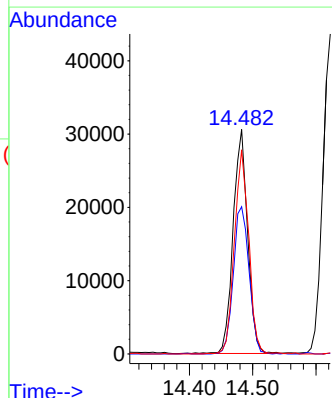
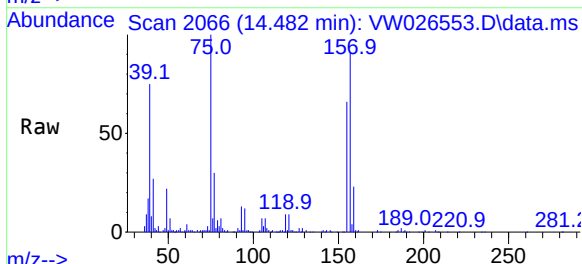
Tgt Ion: 75 Resp: 48848

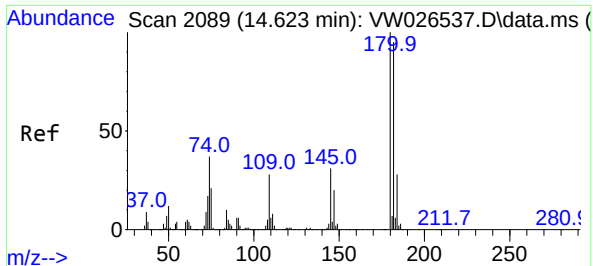
Ion Ratio Lower Upper

75 100

155 65.6 57.3 85.9

157 91.0 76.9 115.3

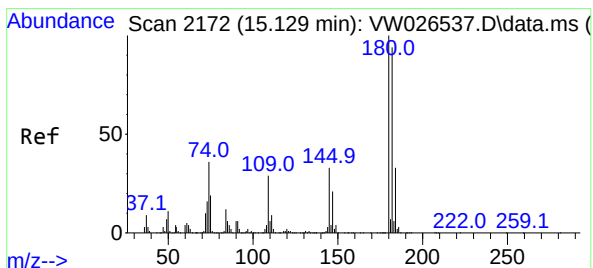
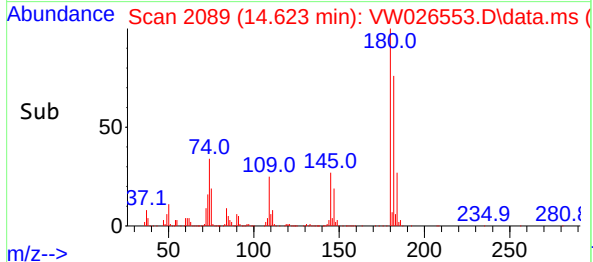
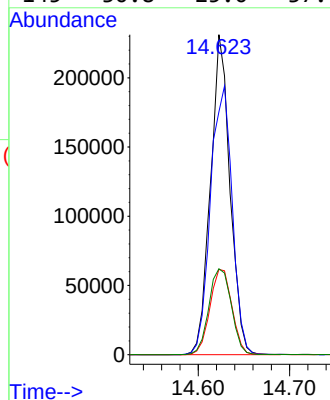
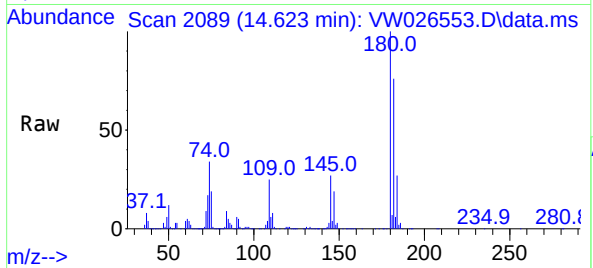




#69
1,3,5-Trichlorobenzene
Concen: 24.141 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.006 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

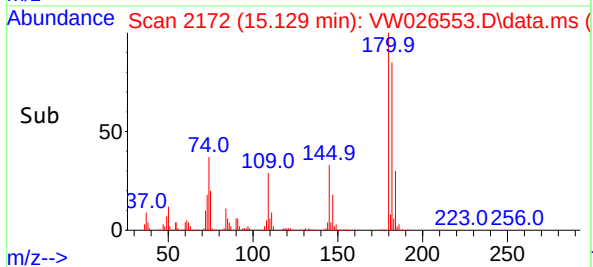
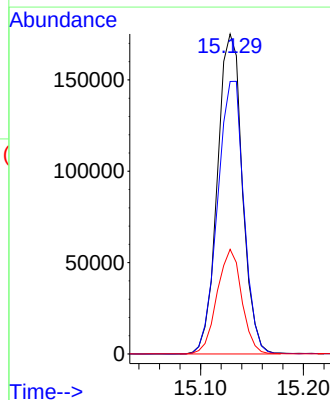
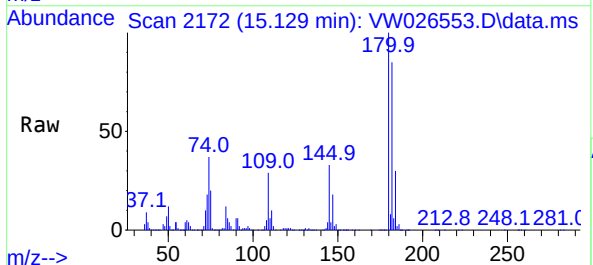
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

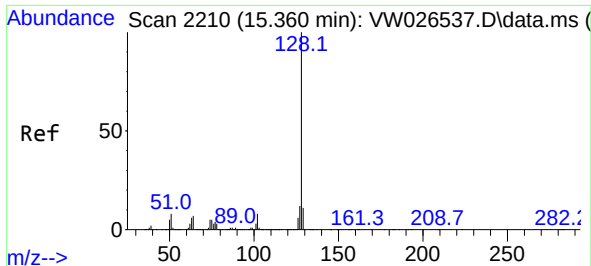
Tgt Ion:	180	Resp:	342568
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.5	113.3
184	30.1	23.8	35.8
145	30.8	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 25.505 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:	180	Resp:	295239
Ion Ratio	Lower	Upper	
180	100		
182	89.8	74.5	111.7
145	32.4	25.9	38.9

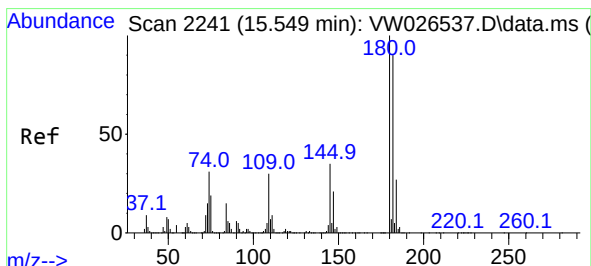
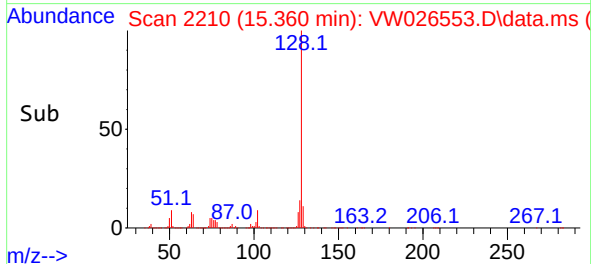
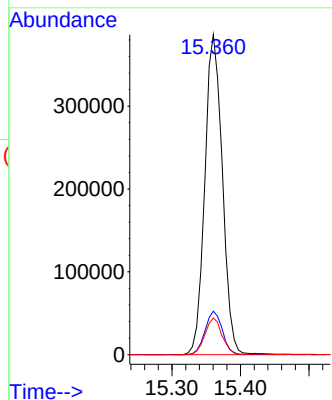
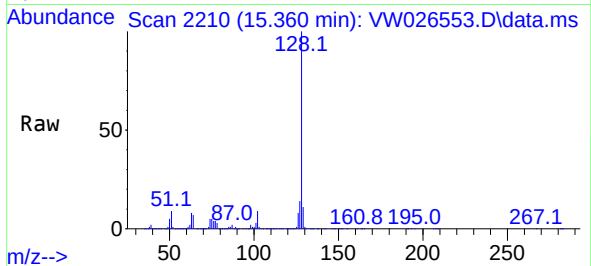




#71
Naphthalene
Concen: 26.653 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion:128 Resp: 690464
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.705 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026553.D
Acq: 06 Jul 2023 19:44

Tgt Ion:180 Resp: 265860
Ion Ratio Lower Upper
180 100
182 95.1 75.3 112.9
145 35.5 29.0 43.6

