

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
 Data File : VW026212.D
 Acq On : 15 Jun 2023 18:41
 Operator : SY/MD
 Sample : 03234-06MSD
 Misc : 5.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTX2MSD

Quant Time: Jun 16 06:23:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	617719	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	219999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159445	18.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.400%
7) Chloroethane-d5	2.899	69	148186	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	4.027	65	82323	19.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.840%
21) 2-Butanone-d5	7.075	46	189638	74.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.920%#
24) Chloroform-d	7.648	84	406038	22.447	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	8.307	65	242718	24.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.276	84	772526	21.307	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.276	67	265003	23.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.325	98	634656	19.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.960%
43) trans-1,3-Dichloroprop...	10.575	79	97453	21.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.640%
47) 2-Hexanone-d5	10.922	63	130164	71.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252607	30.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	177614	21.093	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	139448	18.415	ug/L	90
3) Chloromethane	2.228	50	207731	21.394	ug/L	96
5) Vinyl chloride	2.375	62	212894	20.513	ug/L	99
6) Bromomethane	2.783	94	120444	21.287	ug/L	96
8) Chloroethane	2.936	64	128970	22.995	ug/L	97
9) Trichlorofluoromethane	3.265	101	141125	21.136	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	175831	20.869	ug/L	97
12) 1,1-Dichloroethene	4.051	96	160991	20.470	ug/L	80
13) Acetone	4.118	43	156437	79.912	ug/L	100
14) Carbon disulfide	4.393	76	475495	17.126	ug/L	99
15) Methyl Acetate	4.673	43	134251	30.556	ug/L	98
16) Methylene chloride	4.923	84	200001	20.286	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	173098	19.616	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	331200	23.814	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	384996	21.431	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	198851	21.274	ug/L	96
22) 2-Butanone	7.173	43	209000	74.843	ug/L	97
23) Bromochloromethane	7.514	128	88976	22.321	ug/L	96
25) Chloroform	7.673	83	360176	21.526	ug/L	100

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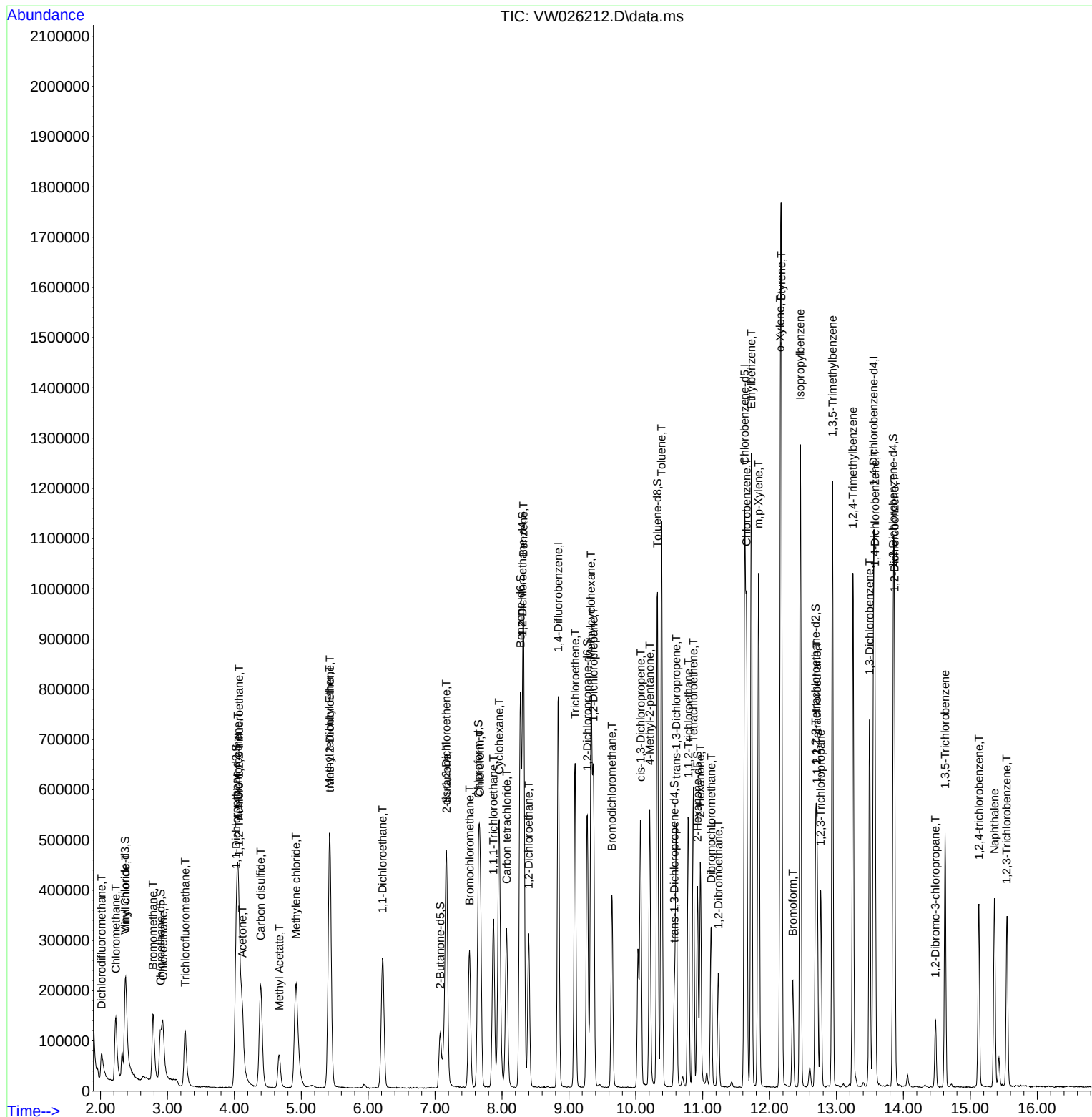
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	271480	23.525	ug/L	96
29) Cyclohexane	7.959	56	313943	18.872	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	266314	20.366	ug/L	98
31) Carbon tetrachloride	8.069	117	242644	20.335	ug/L	97
33) Benzene	8.319	78	782758	21.206	ug/L	100
34) Trichloroethene	9.093	95	227718	24.093	ug/L	97
35) Methylcyclohexane	9.331	83	289997	17.339	ug/L	99
37) 1,2-Dichloropropane	9.367	63	232651	23.270	ug/L	100
38) Bromodichloromethane	9.642	83	257617	22.179	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	314150	21.382	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	386813	65.624	ug/L	100
42) Toluene	10.386	91	787486	20.858	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	277413	22.664	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164683	24.993	ug/L	98
46) Tetrachloroethene	10.861	164	124345	18.599	ug/L	97
48) 2-Hexanone	10.965	43	291229	70.073	ug/L	98
49) Dibromochloromethane	11.129	129	165105	23.899	ug/L	97
50) 1,2-Dibromoethane	11.233	107	150552	24.676	ug/L	96
51) Chlorobenzene	11.654	112	453064	19.150	ug/L	99
52) Ethylbenzene	11.727	91	845709	19.857	ug/L	99
53) m,p-Xylene	11.836	106	308522	19.473	ug/L	99
54) o-Xylene	12.160	106	300133	20.070	ug/L	98
55) Styrene	12.178	104	508514	19.821	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	216602	27.163	ug/L	95
59) Bromoform	12.349	173	92258	27.920	ug/L	98
60) Isopropylbenzene	12.458	105	787075	22.774	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164532	33.388	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	605120	22.025	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	530351	21.076	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	269507	18.547	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	289437	19.784	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	275575	21.119	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	35982	31.515	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	139554	13.981	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	104809	12.725	ug/L	98
71) Naphthalene	15.360	128	302228	20.588	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	103562	14.387	ug/L	100

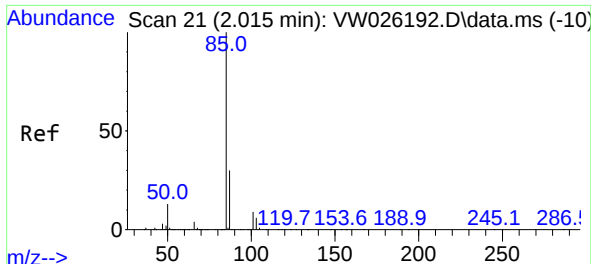
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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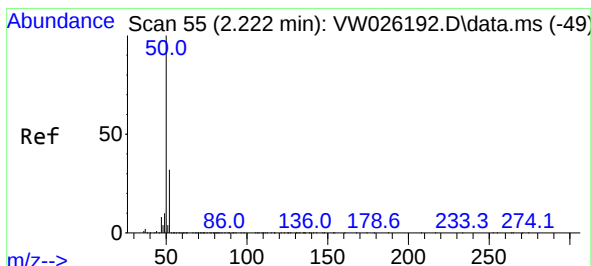
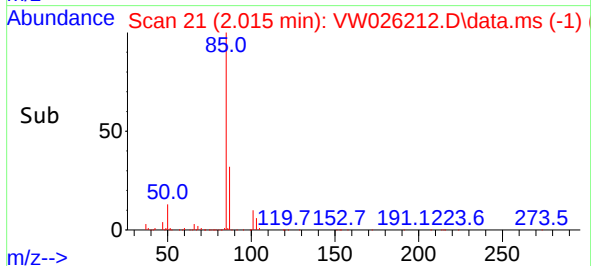
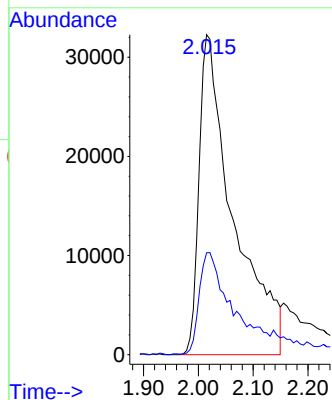
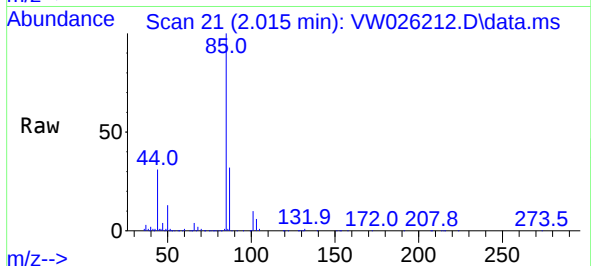




#2
Dichlorodifluoromethane
Concen: 18.415 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

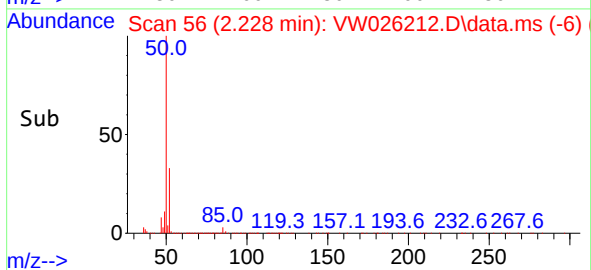
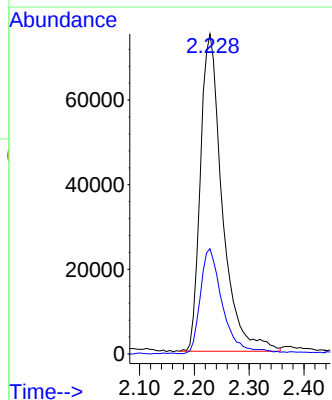
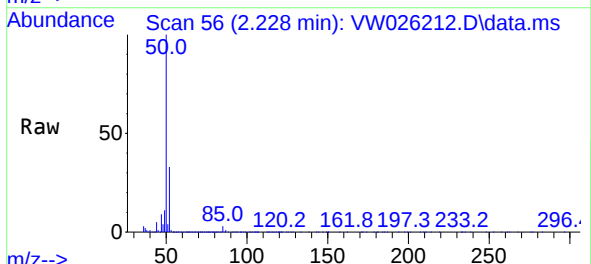
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ClientSampleId :
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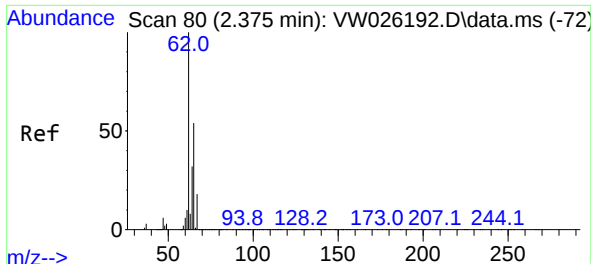
Tgt Ion: 85 Resp: 139448
Ion Ratio Lower Upper
85 100
87 22.7 22.2 33.2



#3
Chloromethane
Concen: 21.394 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 50 Resp: 207731
Ion Ratio Lower Upper
50 100
52 32.9 21.3 39.6

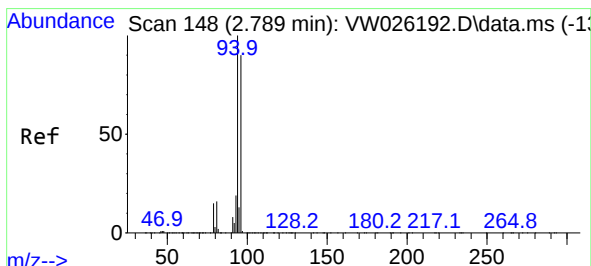
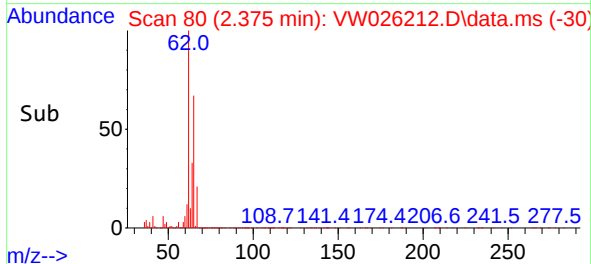
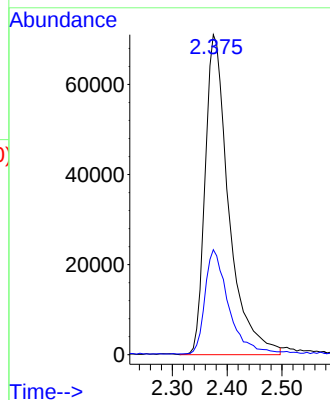
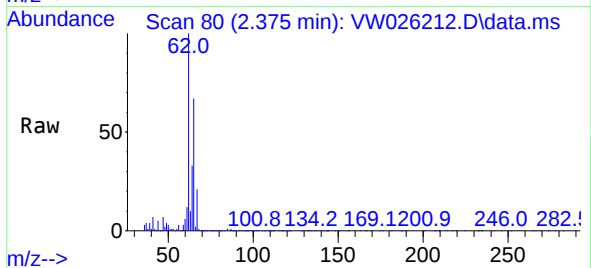




#5
 Vinyl chloride
 Concen: 20.513 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026212.D
 Acq: 15 Jun 2023 18:41

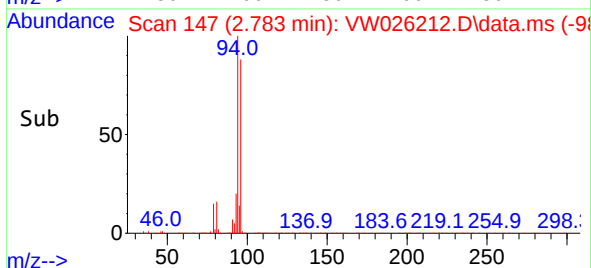
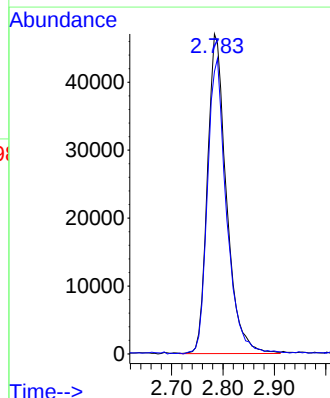
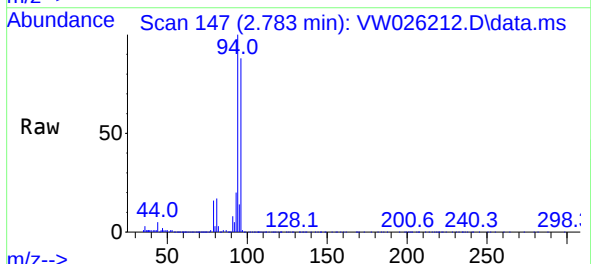
Instrument :
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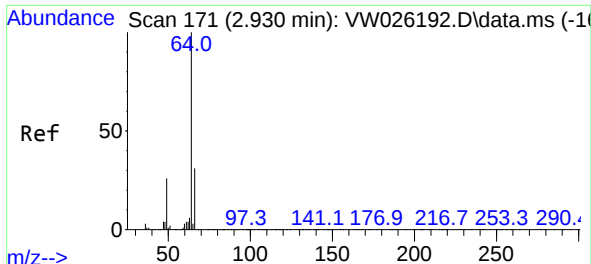
Tgt Ion: 62 Resp: 212894
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.1



#6
 Bromomethane
 Concen: 21.287 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026212.D
 Acq: 15 Jun 2023 18:41

Tgt Ion: 94 Resp: 120444
 Ion Ratio Lower Upper
 94 100
 96 88.3 64.2 119.2

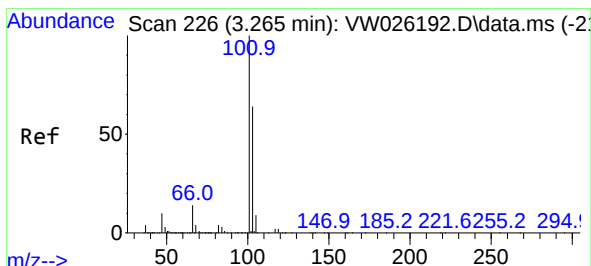
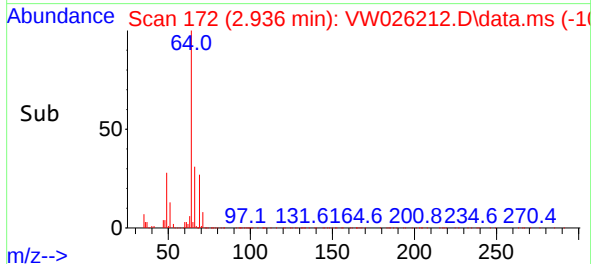
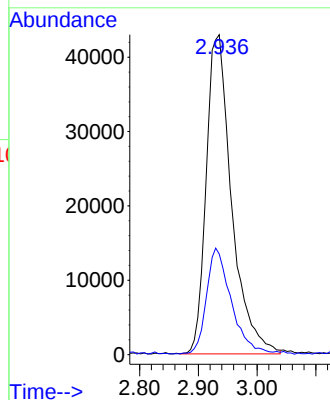
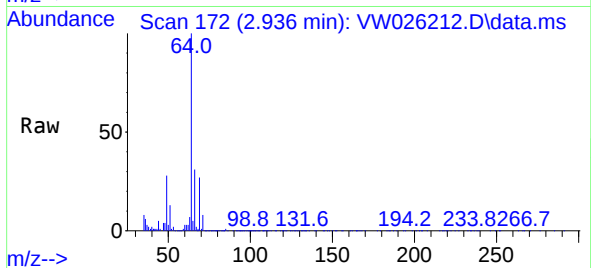




#8
Chloroethane
Concen: 22.995 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

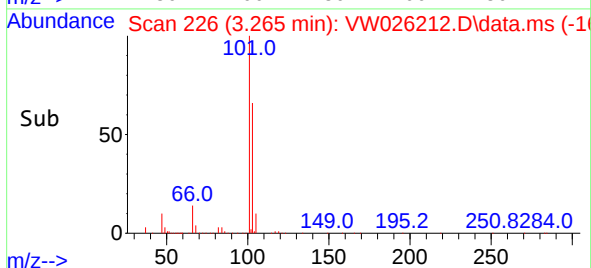
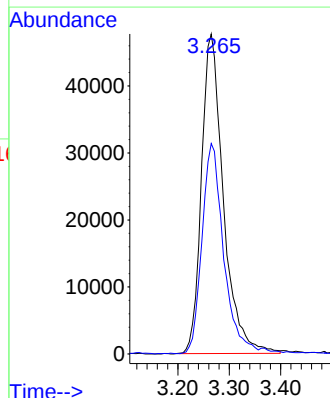
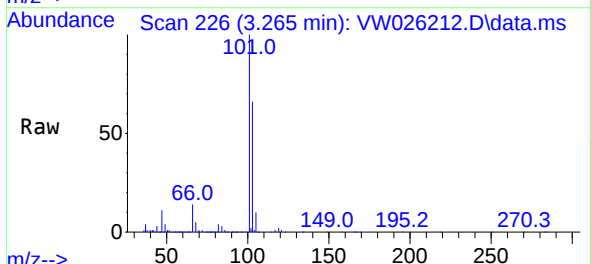
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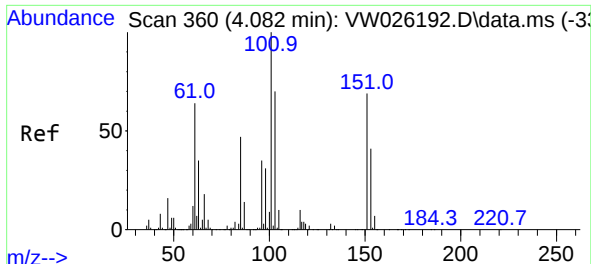
Tgt Ion: 64 Resp: 128970
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.136 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 101 Resp: 141125
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

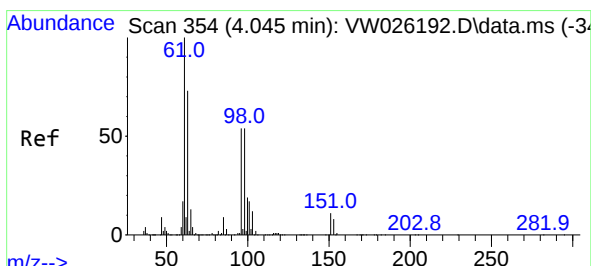
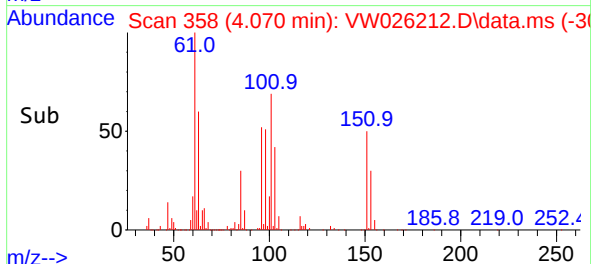
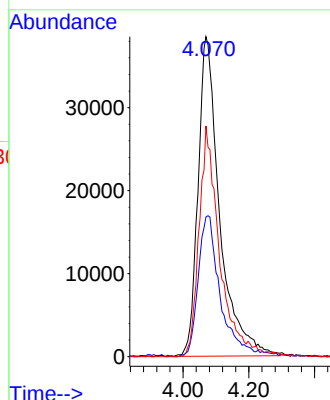
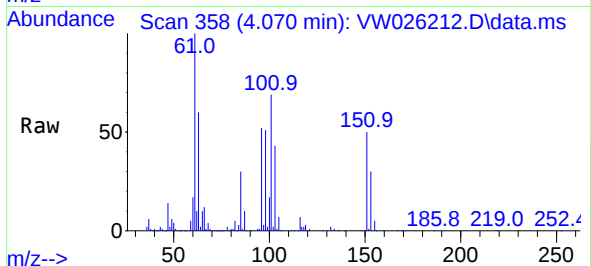




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.869 ug/L
RT: 4.070 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

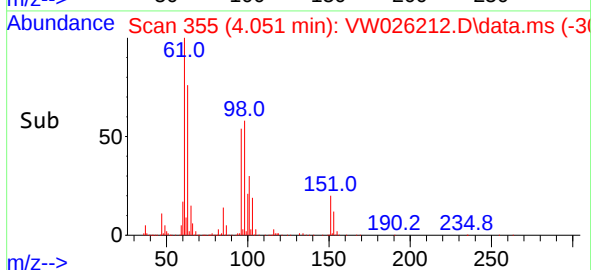
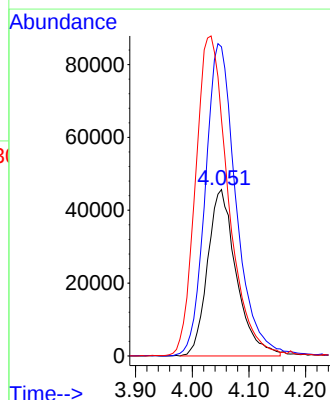
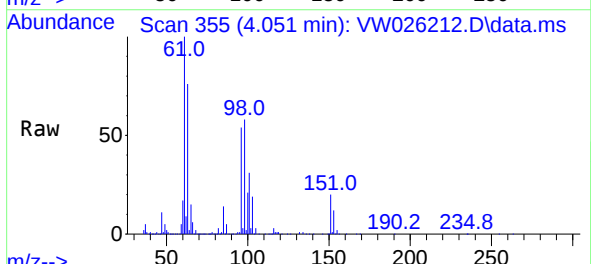
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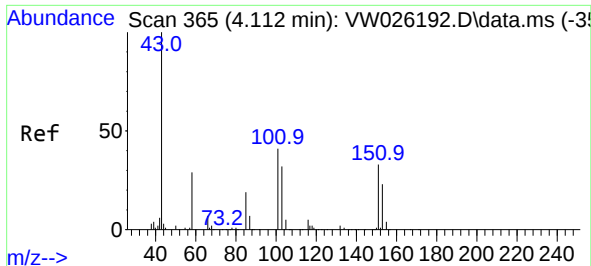
Tgt Ion:101 Resp: 175831
Ion Ratio Lower Upper
101 100
85 44.5 36.1 54.1
151 65.9 55.1 82.7



#12
1,1-Dichloroethene
Concen: 20.470 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 96 Resp: 160991
Ion Ratio Lower Upper
96 100
61 185.7 140.6 261.0
63 142.0 131.7 244.5

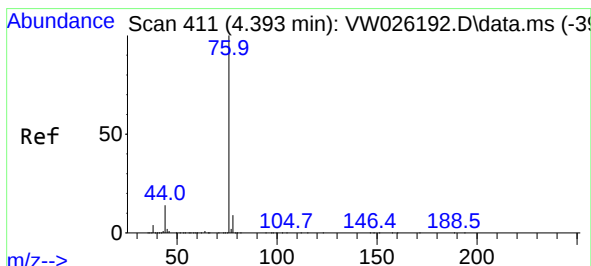
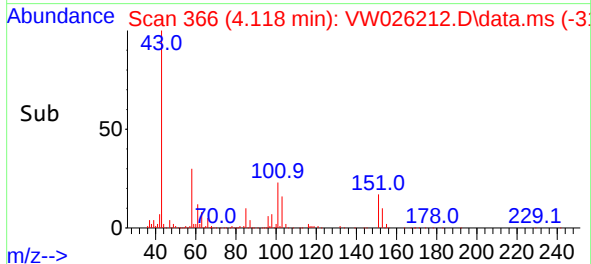
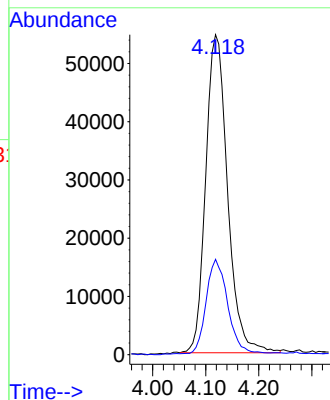
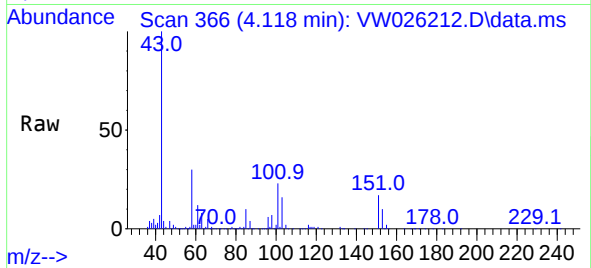




#13
Acetone
Concen: 79.912 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
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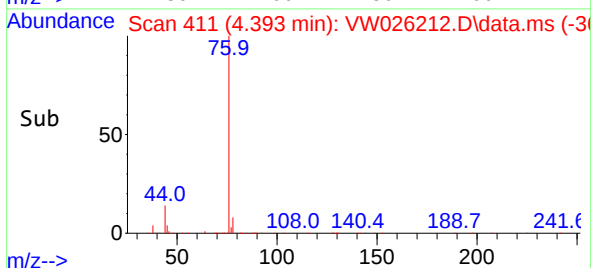
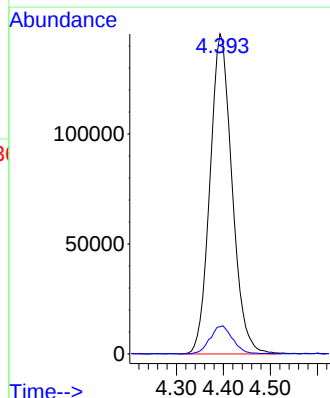
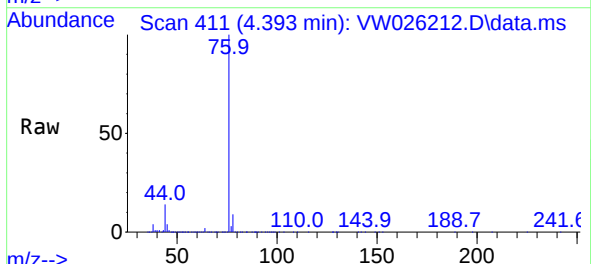
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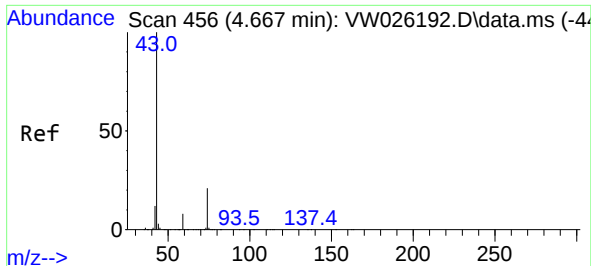
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Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.2



#14
Carbon disulfide
Concen: 17.126 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 76 Resp: 475495
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

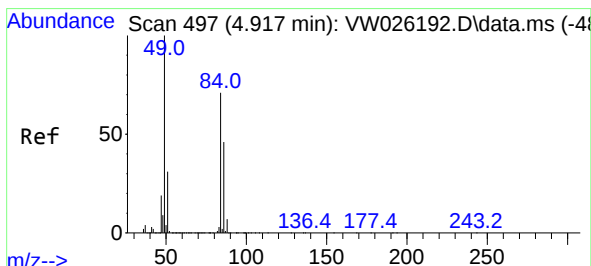
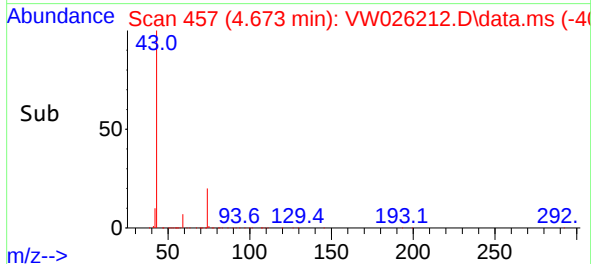
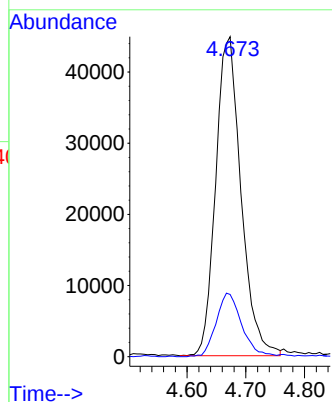
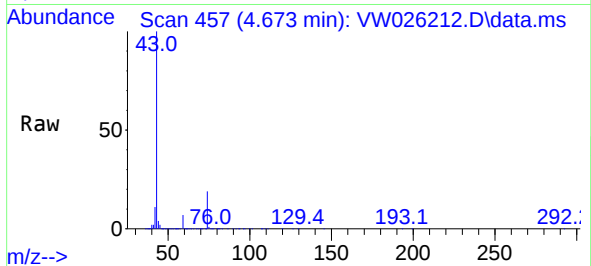




#15
Methyl Acetate
Concen: 30.556 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

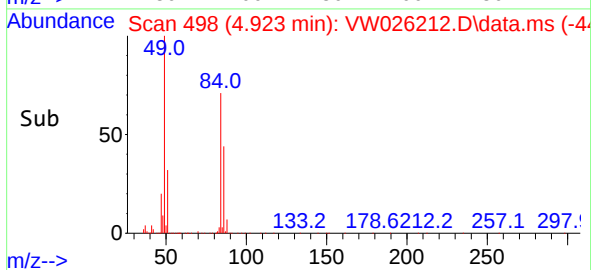
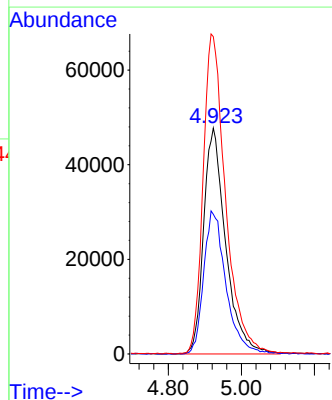
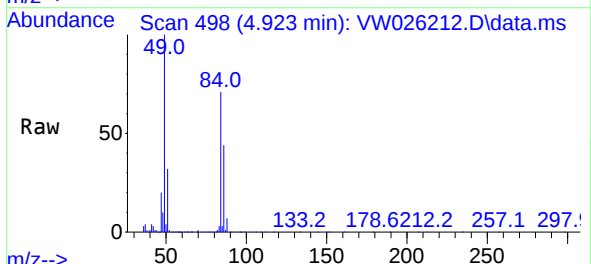
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

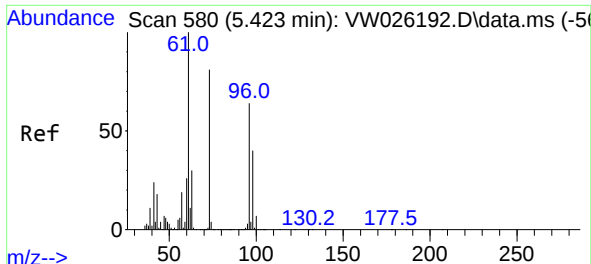
Tgt Ion: 43 Resp: 134251
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



#16
Methylene chloride
Concen: 20.286 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 84 Resp: 200001
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.0
49 140.4 98.8 183.6

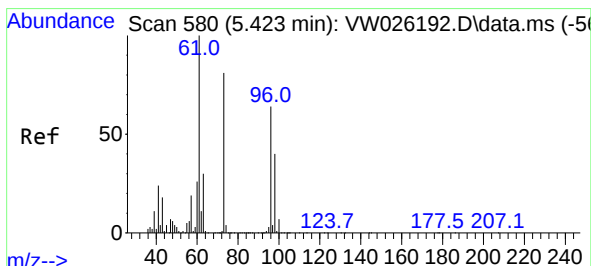
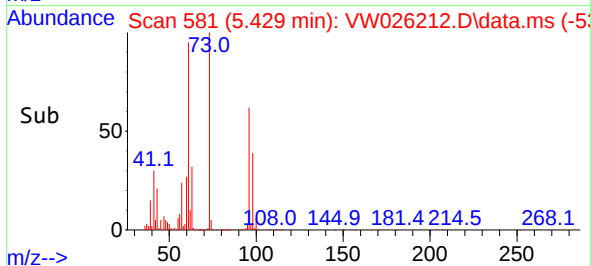
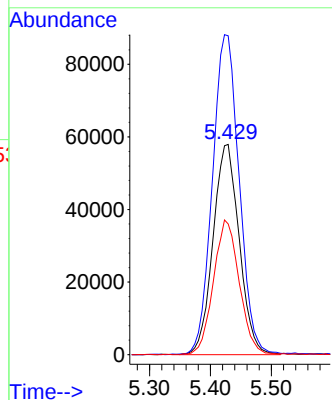
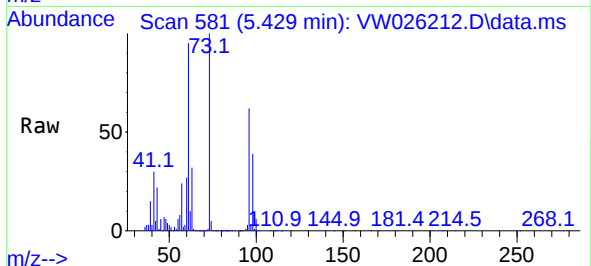




#17
trans-1,2-Dichloroethene
Concen: 19.616 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

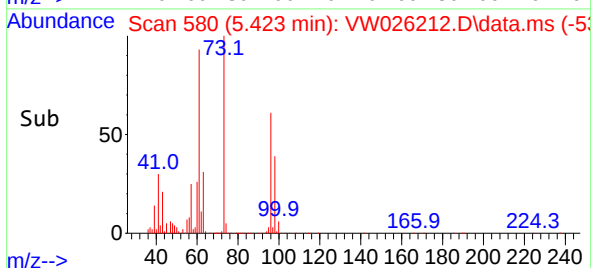
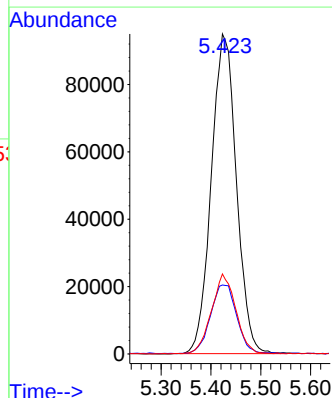
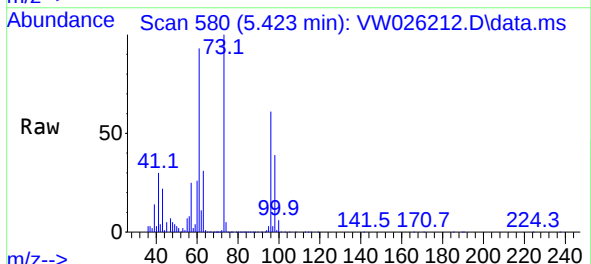
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

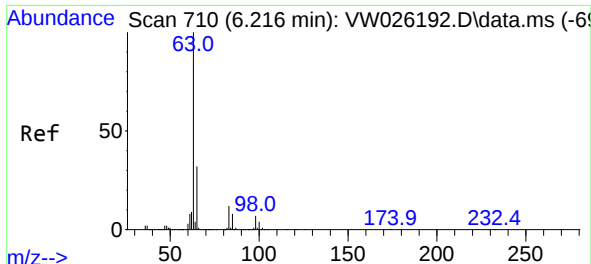
Tgt Ion: 96 Resp: 173098
Ion Ratio Lower Upper
96 100
61 151.6 113.0 209.8
98 62.1 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.814 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 73 Resp: 331200
Ion Ratio Lower Upper
73 100
43 13.7 17.8 26.6#
57 24.0 18.9 28.3

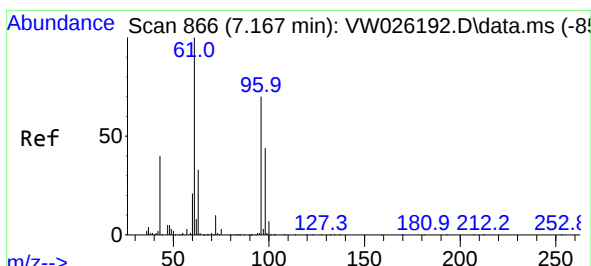
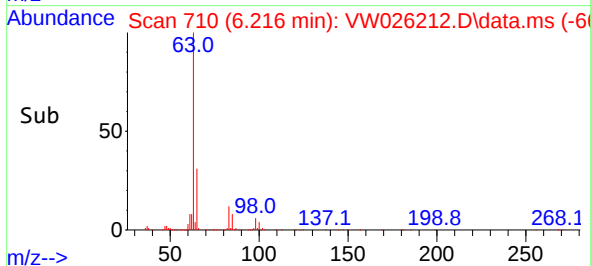
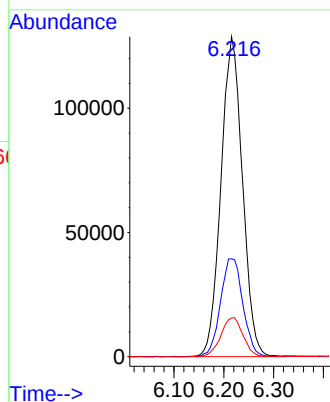
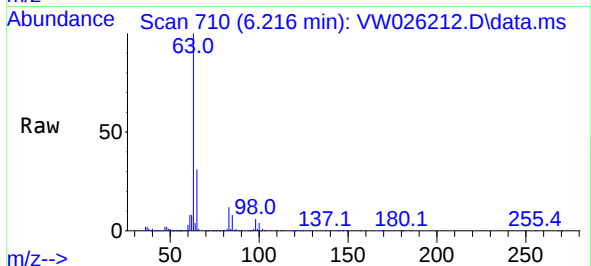




#19
1,1-Dichloroethane
Concen: 21.431 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

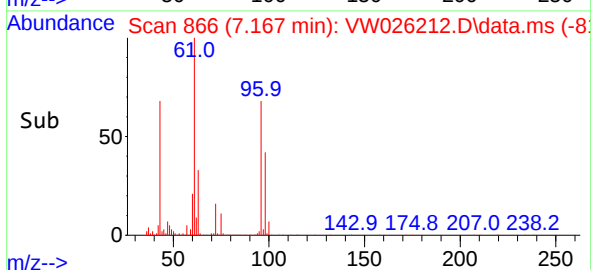
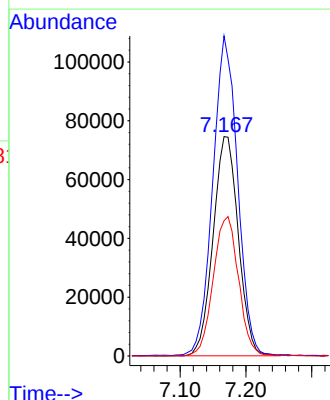
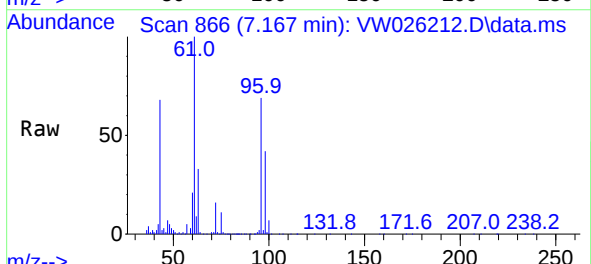
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

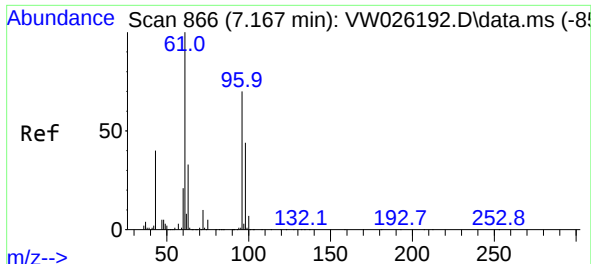
Tgt Ion: 63 Resp: 384996
Ion Ratio Lower Upper
63 100
65 30.6 22.3 41.5
83 12.1 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 21.274 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 96 Resp: 198851
Ion Ratio Lower Upper
96 100
61 145.9 98.4 182.8
98 61.6 45.2 84.0

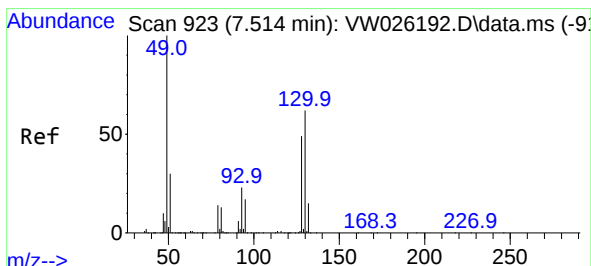
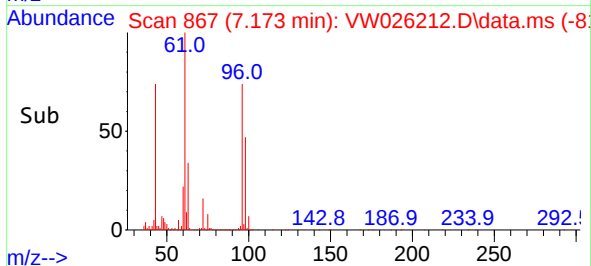
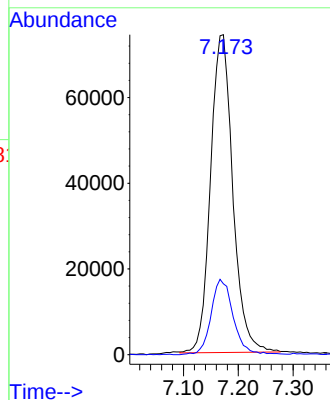
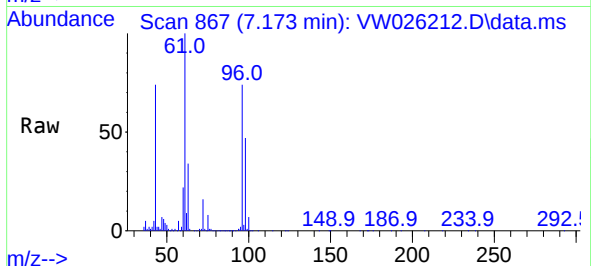




#22
2-Butanone
Concen: 74.843 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

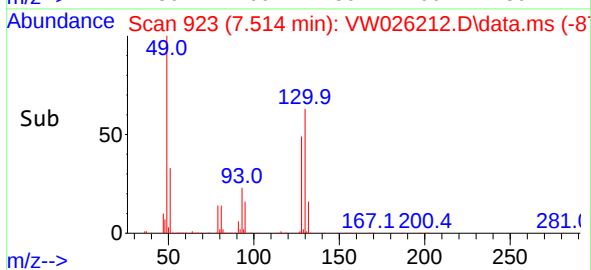
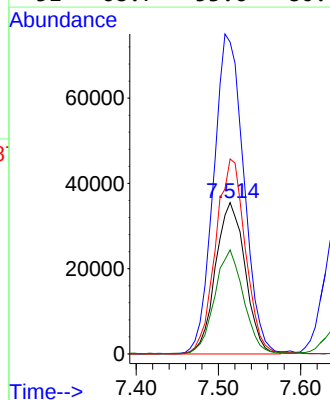
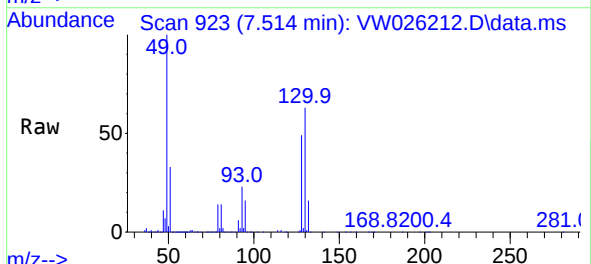
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

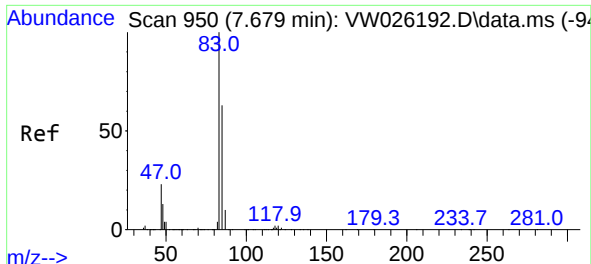
Tgt Ion: 43 Resp: 209000
Ion Ratio Lower Upper
43 100
72 23.5 12.4 37.4



#23
Bromochloromethane
Concen: 22.321 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 128 Resp: 88976
Ion Ratio Lower Upper
128 100
49 206.2 140.6 261.0
130 128.9 86.0 159.6
51 68.7 53.6 80.4

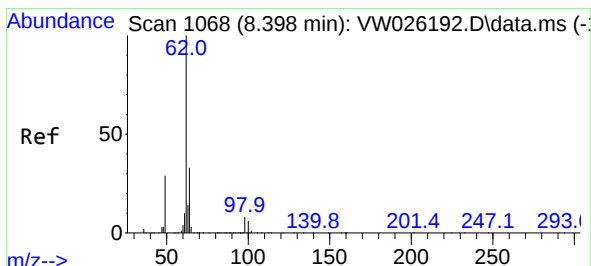
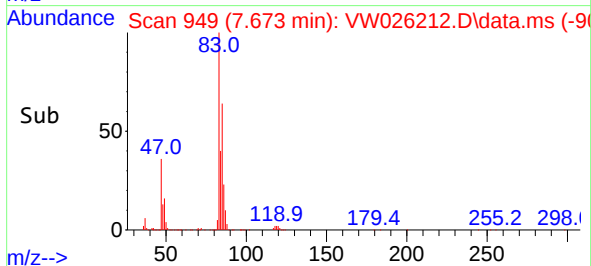
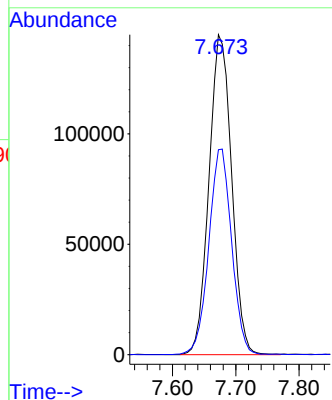
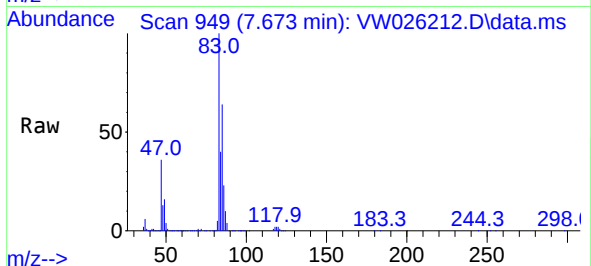




#25
Chloroform
Concen: 21.526 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

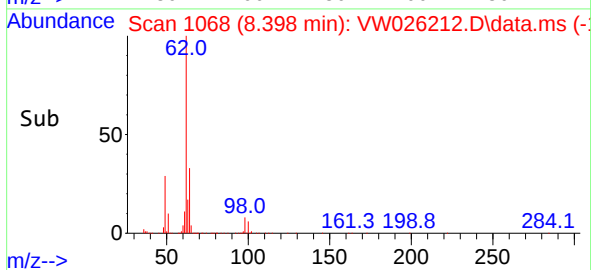
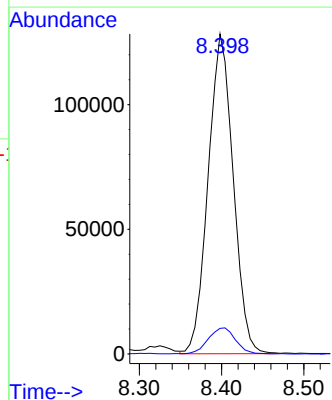
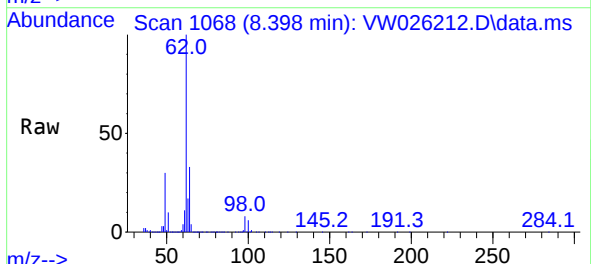
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

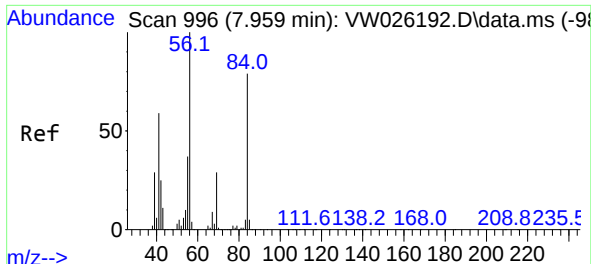
Tgt Ion: 83 Resp: 360176
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.525 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 62 Resp: 271480
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.2

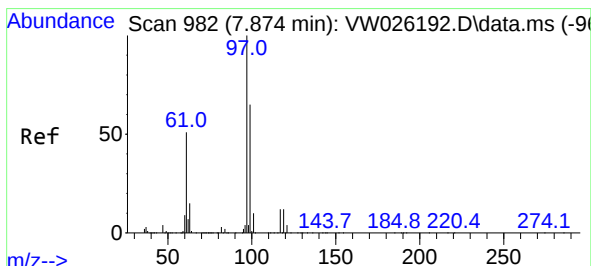
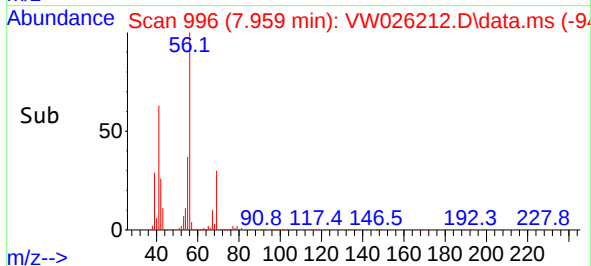
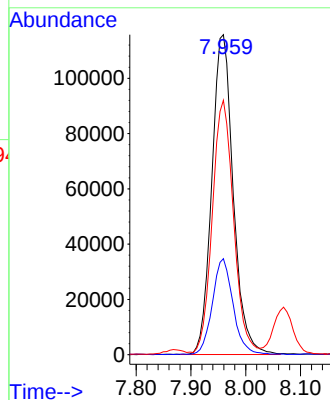
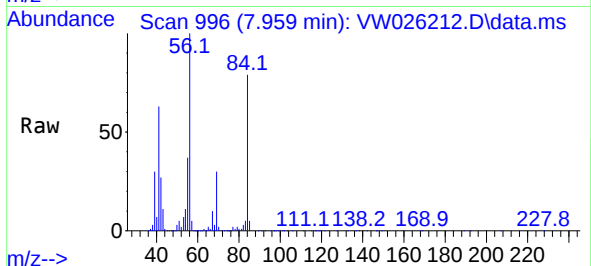




#29
Cyclohexane
Concen: 18.872 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

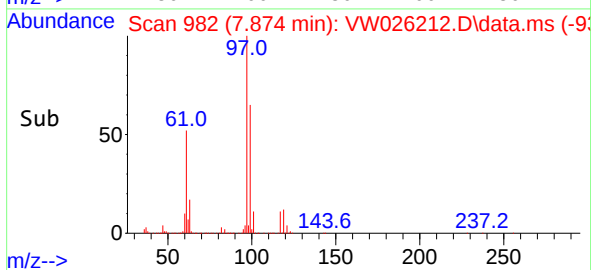
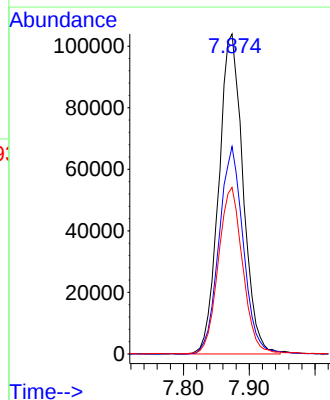
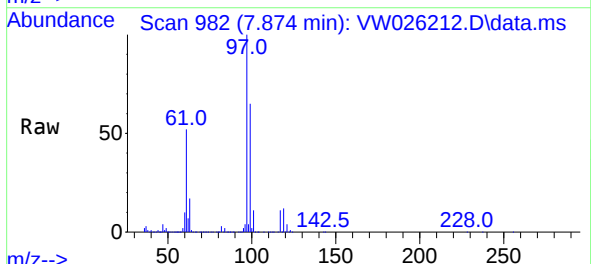
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

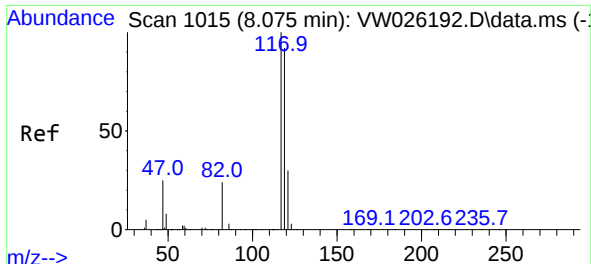
Tgt Ion: 56 Resp: 313943
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 79.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.366 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 97 Resp: 266314
Ion Ratio Lower Upper
97 100
99 65.0 50.6 76.0
61 52.5 40.5 60.7

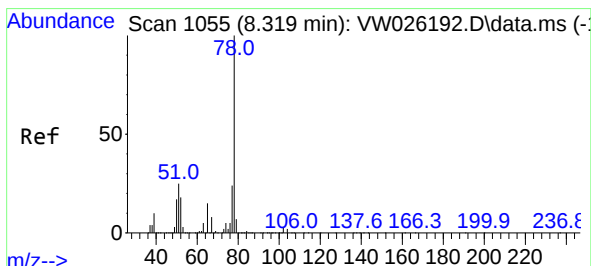
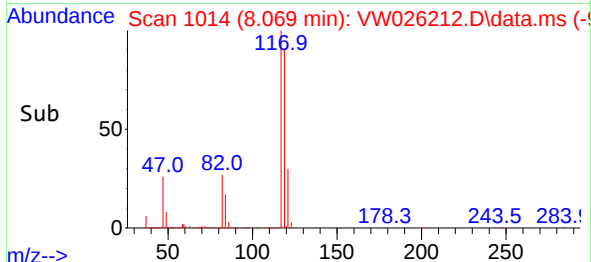
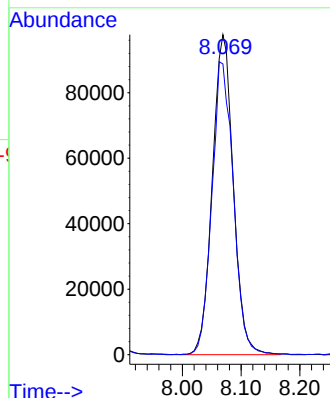
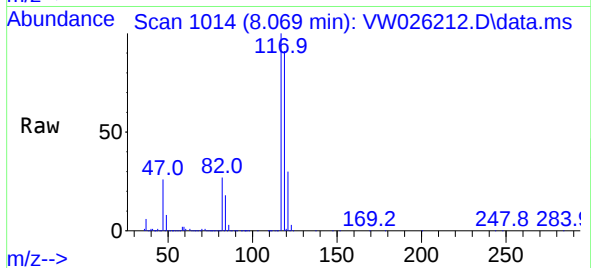




#31
Carbon tetrachloride
Concen: 20.335 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

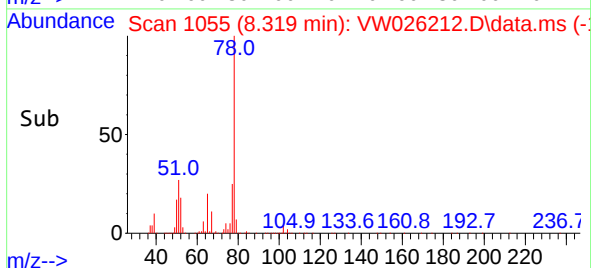
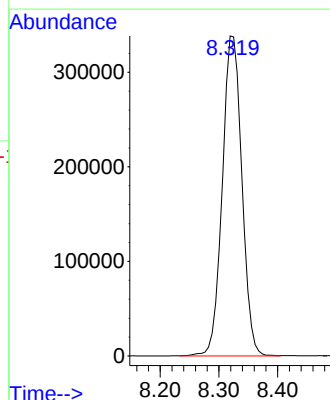
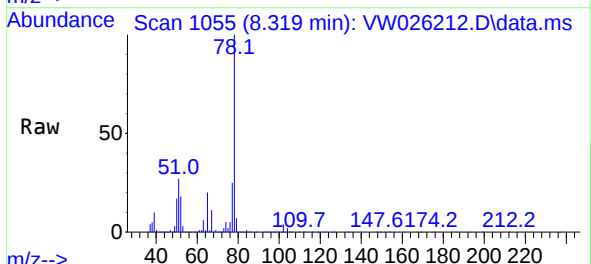
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

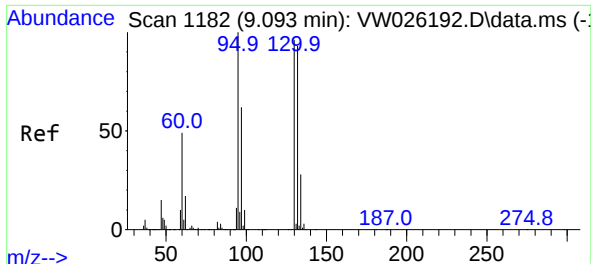
Tgt Ion:117 Resp: 242644
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2



#33
Benzene
Concen: 21.206 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 78 Resp: 782758



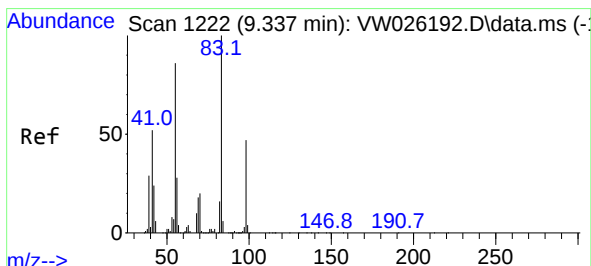
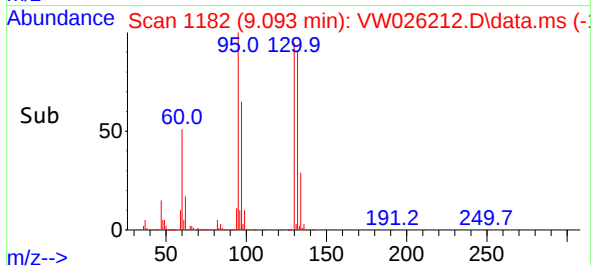
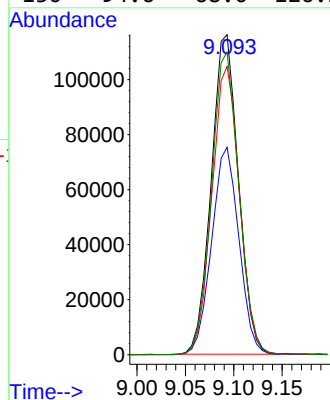
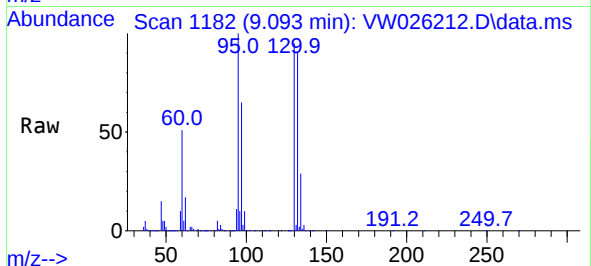


#34
Trichloroethene
Concen: 24.093 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion: 95 Resp: 227718

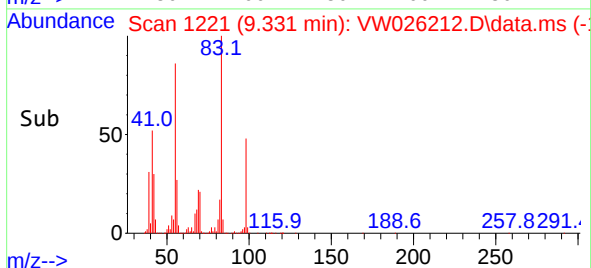
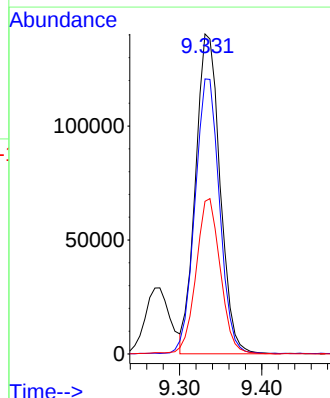
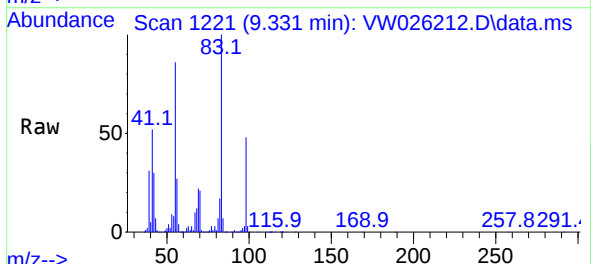
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.9	85.3
132	90.1	67.1	124.7
130	94.6	68.0	126.2

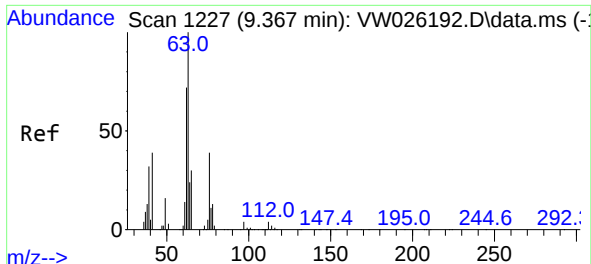


#35
Methylcyclohexane
Concen: 17.339 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 83 Resp: 289997

Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.2	102.4
98	48.2	38.1	57.1





#37

1,2-Dichloropropane

Concen: 23.270 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

Instrument :

MSVOA_W

ClientSampleId :

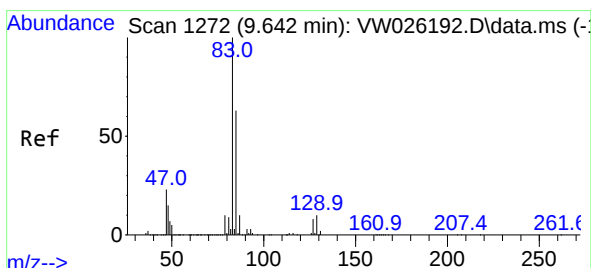
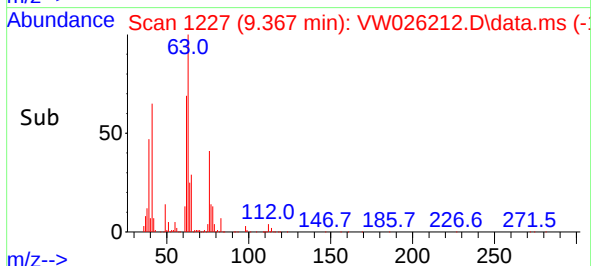
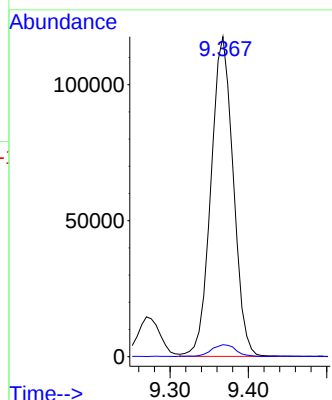
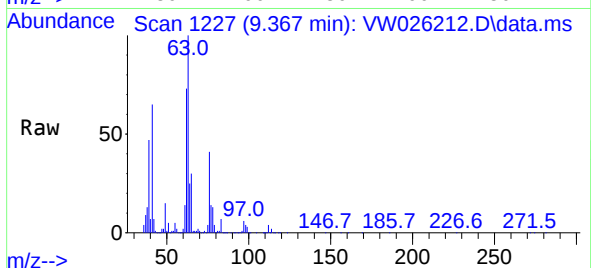
YBTX2MSD

Tgt Ion: 63 Resp: 232651

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 22.179 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

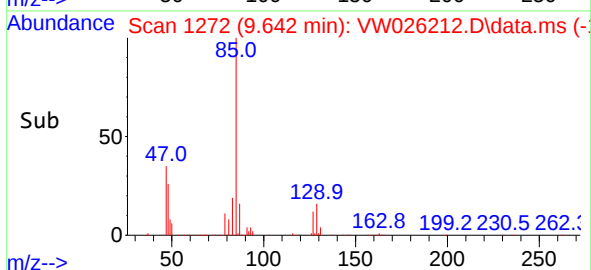
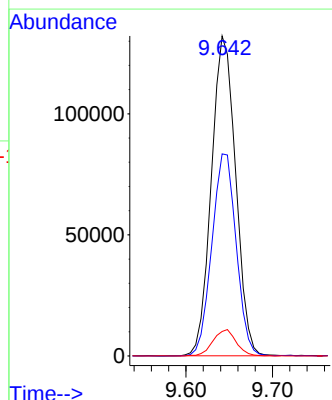
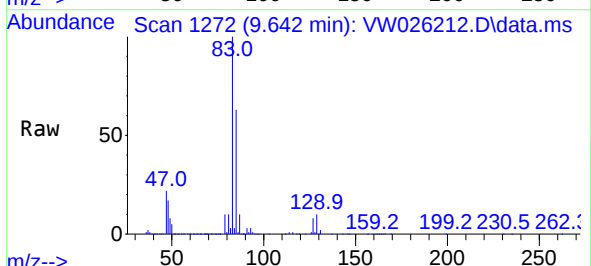
Tgt Ion: 83 Resp: 257617

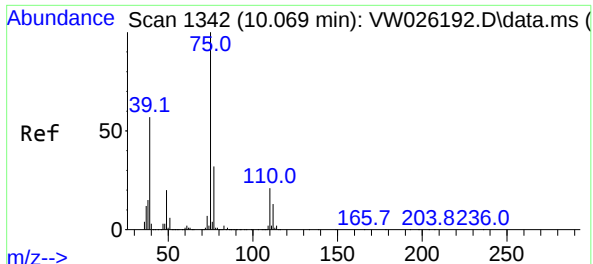
Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.382 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

Instrument :

MSVOA_W

ClientSampleId :

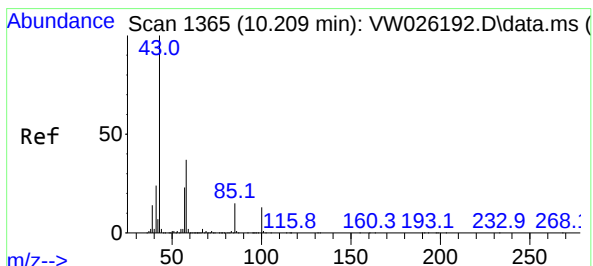
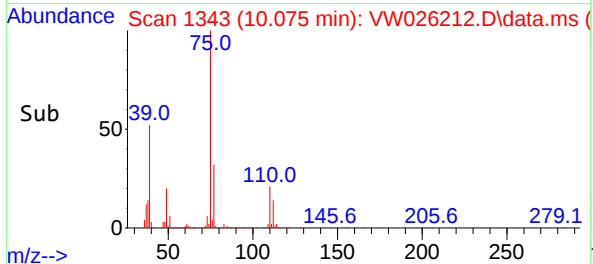
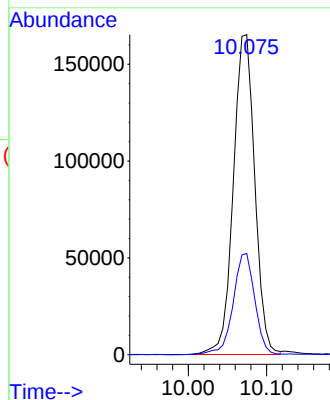
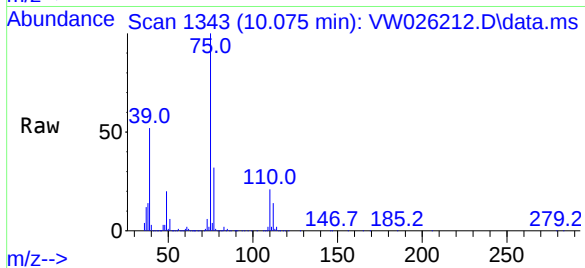
YBTX2MSD

Tgt Ion: 75 Resp: 314150

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 65.624 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

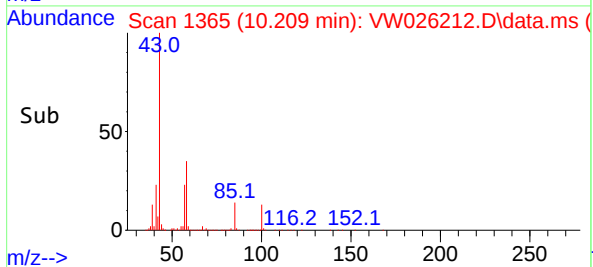
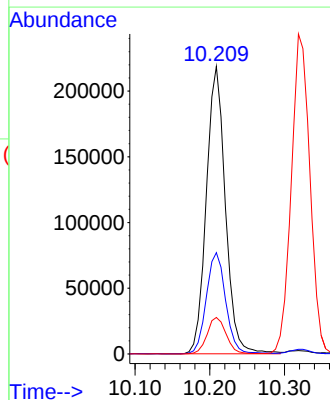
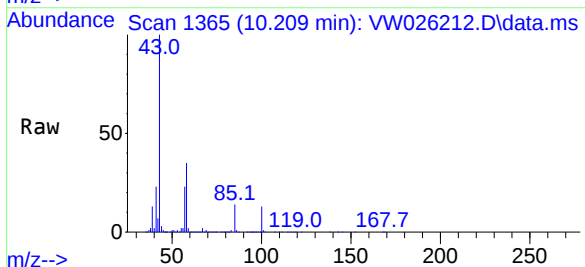
Tgt Ion: 43 Resp: 386813

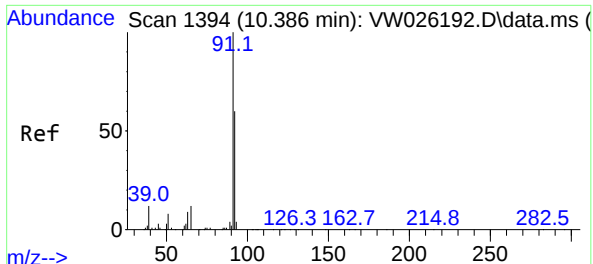
Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.4

100 12.8 10.5 15.7

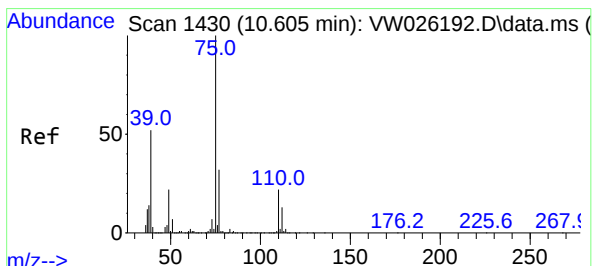
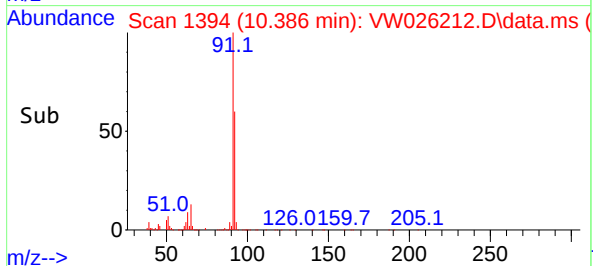
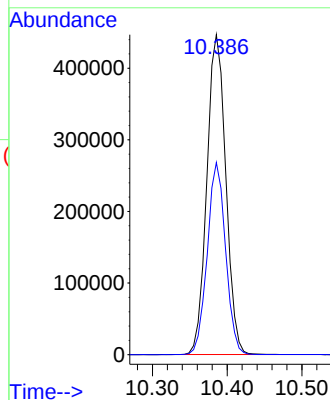
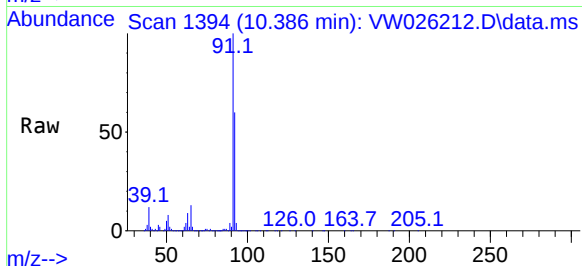




#42
Toluene
Concen: 20.858 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

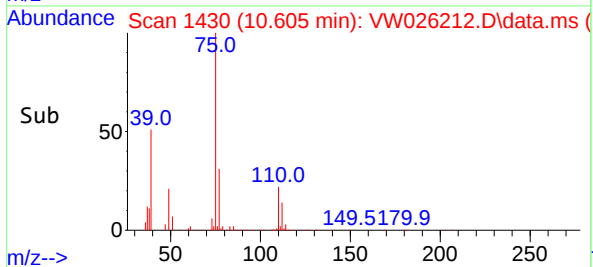
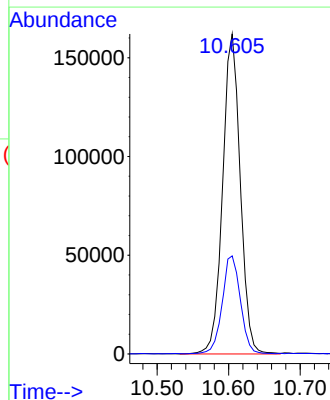
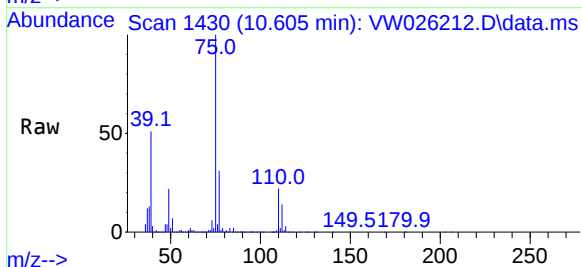
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

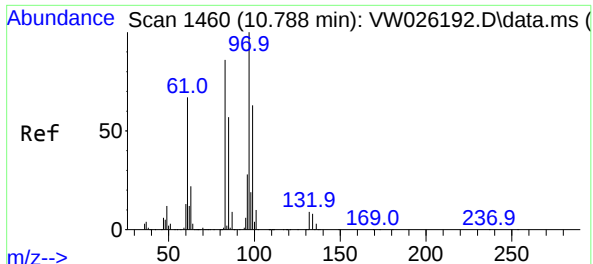
Tgt Ion: 91 Resp: 787486
Ion Ratio Lower Upper
91 100
92 60.0 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.664 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 75 Resp: 277413
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.3



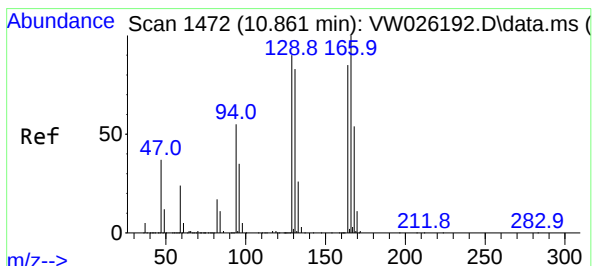
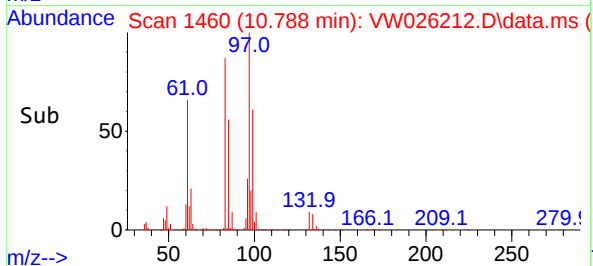
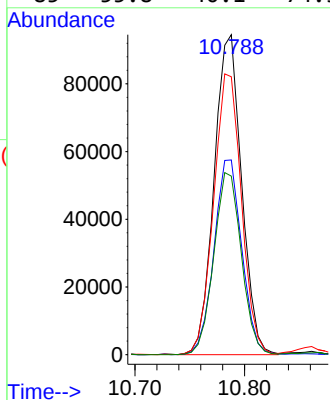
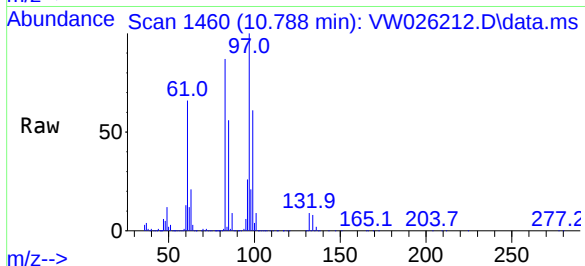


#45
1,1,2-Trichloroethane
Concen: 24.993 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion: 97 Resp: 164683

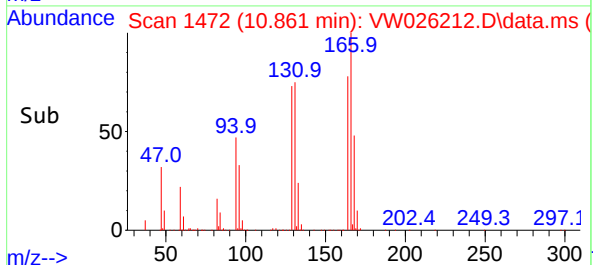
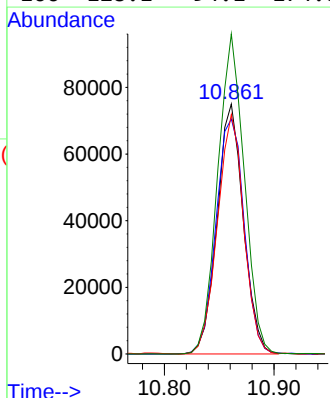
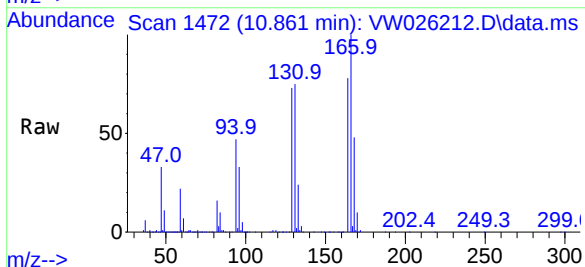
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.3	80.5
83	86.9	62.9	116.9
85	55.8	40.1	74.5

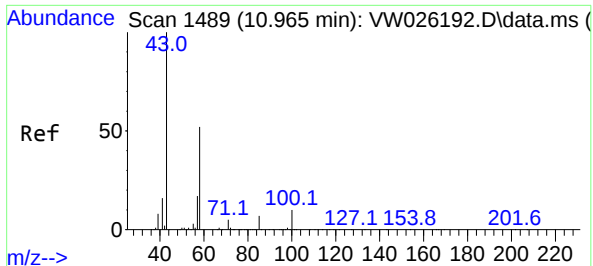


#46
Tetrachloroethene
Concen: 18.599 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 164 Resp: 124345

Ion	Ratio	Lower	Upper
164	100		
129	94.1	68.5	127.1
131	95.8	67.1	124.7
166	128.1	94.1	174.8



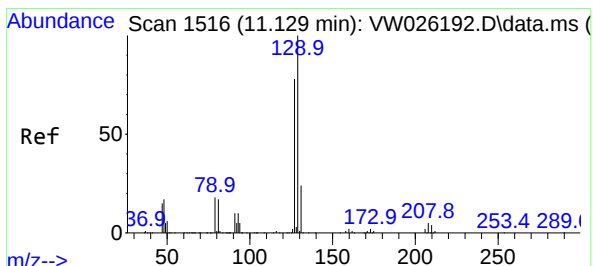
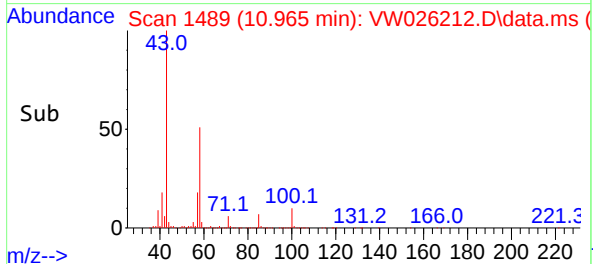
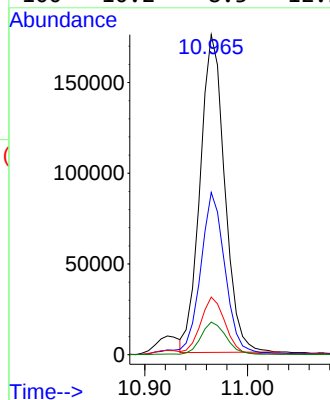
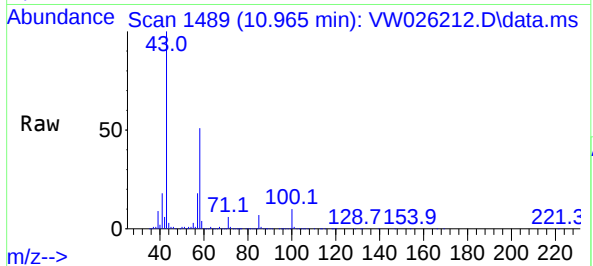


#48
2-Hexanone
Concen: 70.073 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion: 43 Resp: 291229

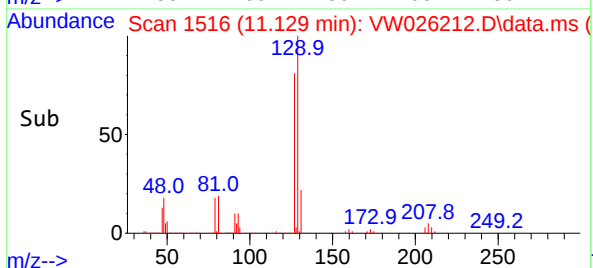
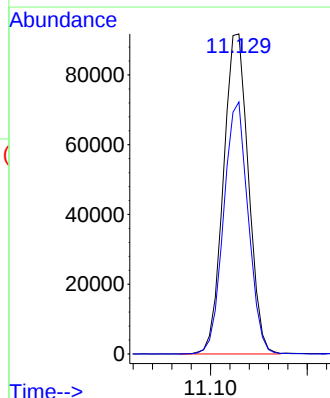
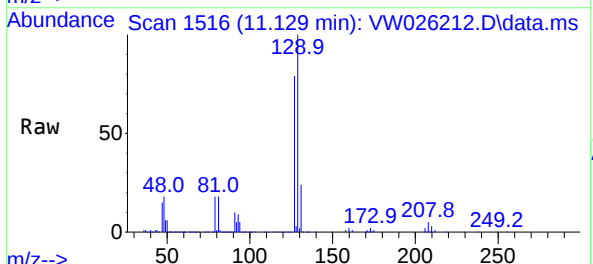
Ion	Ratio	Lower	Upper
43	100		
58	51.4	42.2	63.2
57	18.4	14.2	21.2
100	10.2	8.3	12.5

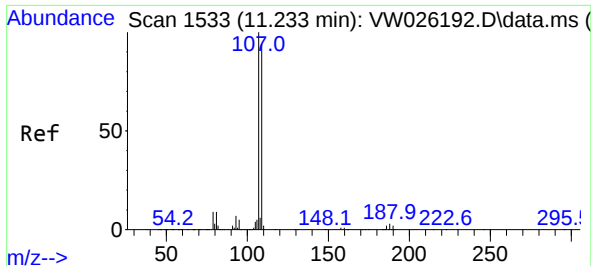


#49
Dibromochloromethane
Concen: 23.899 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 129 Resp: 165105

Ion	Ratio	Lower	Upper
129	100		
127	78.7	56.9	105.7



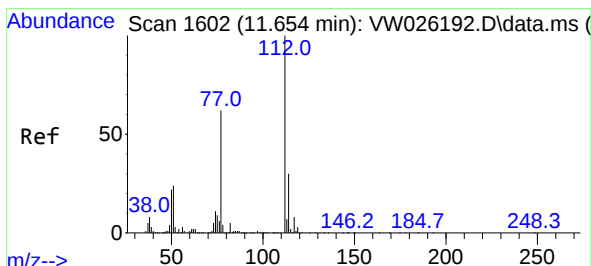
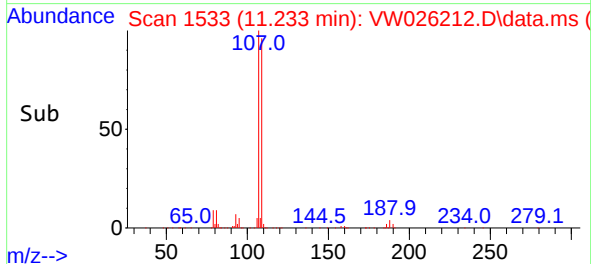
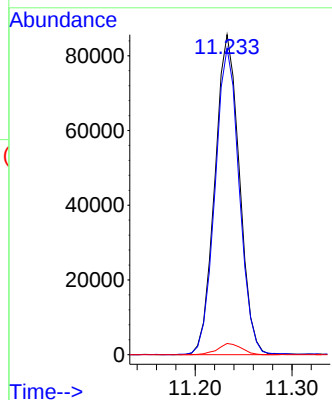
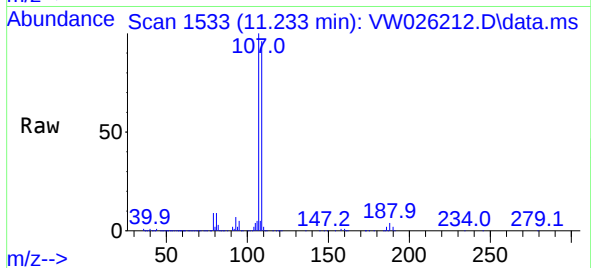


#50
1,2-Dibromoethane
Concen: 24.676 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion:107 Resp: 150552

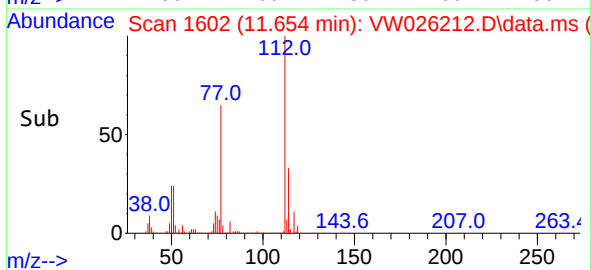
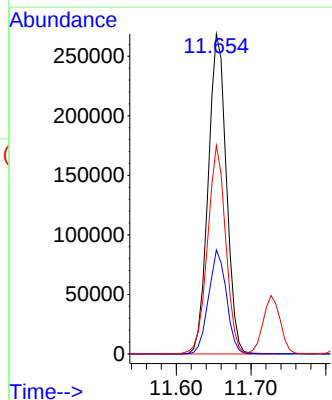
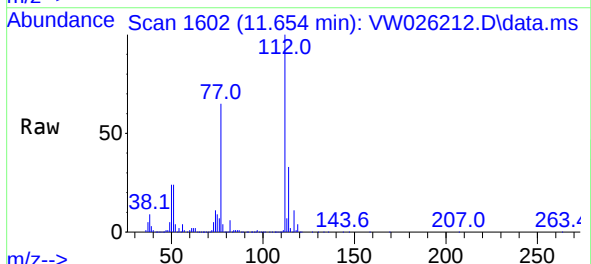
Ion	Ratio	Lower	Upper
107	100		
109	95.8	64.0	119.0
188	3.5	2.6	3.8

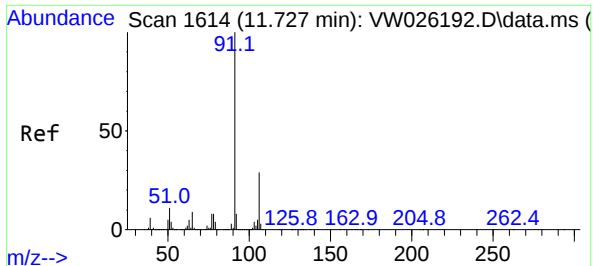


#51
Chlorobenzene
Concen: 19.150 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:112 Resp: 453064

Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.0	42.6
77	65.1	50.9	76.3

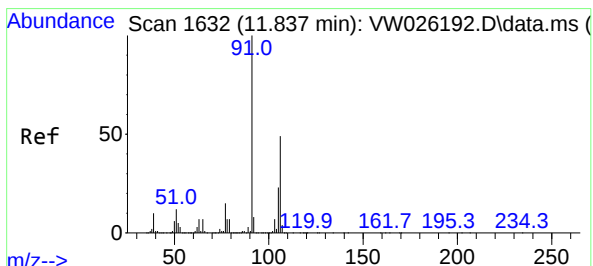
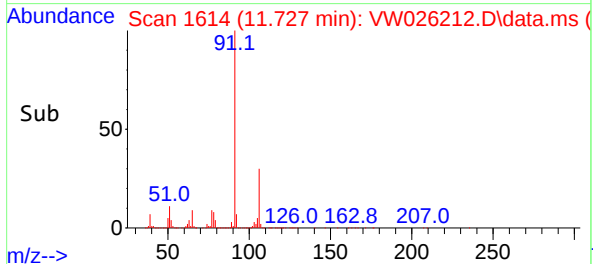
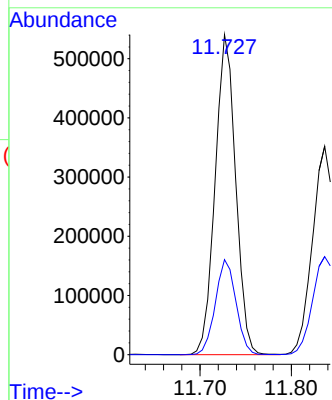
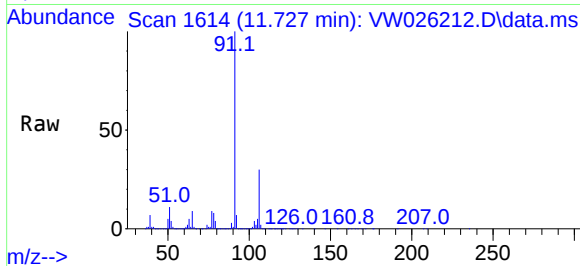




#52
Ethylbenzene
Concen: 19.857 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

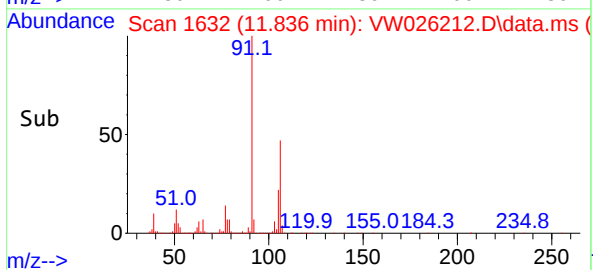
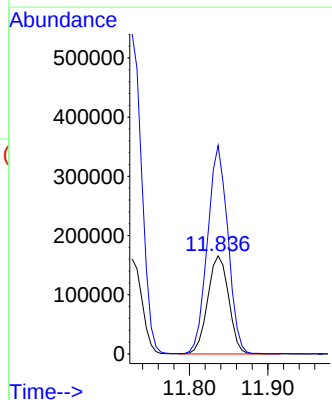
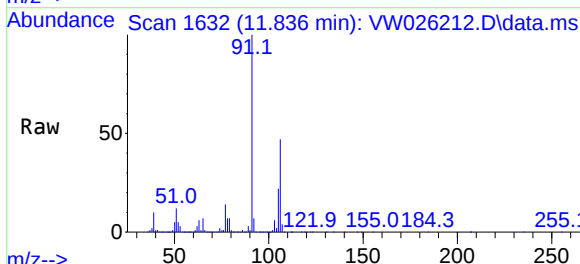
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

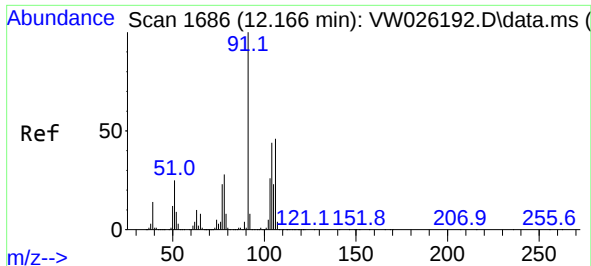
Tgt Ion: 91 Resp: 845709
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 19.473 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:106 Resp: 308522
Ion Ratio Lower Upper
106 100
91 212.8 149.5 277.7

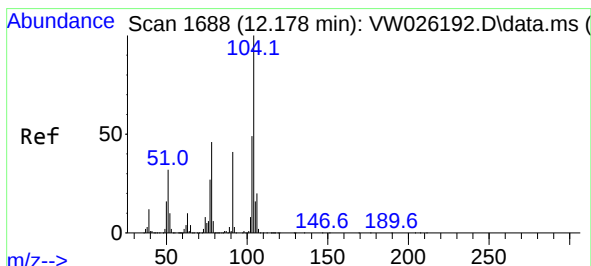
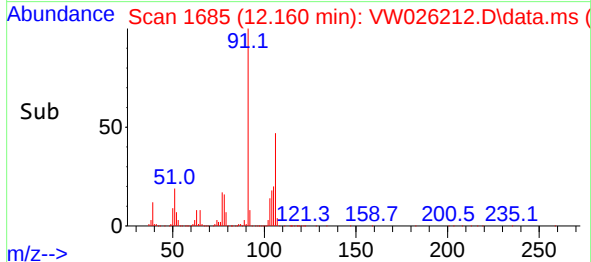
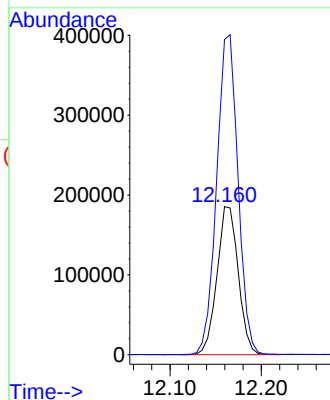
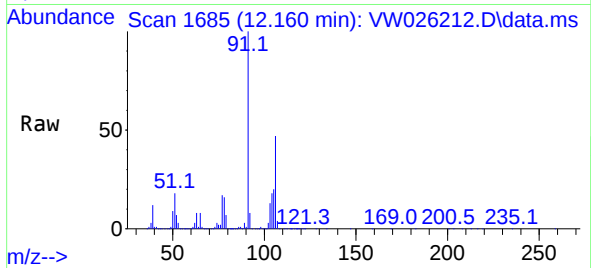




#54
o-Xylene
Concen: 20.070 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

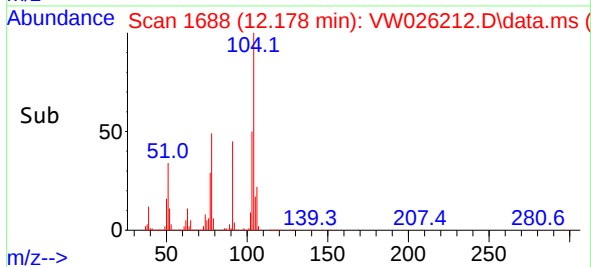
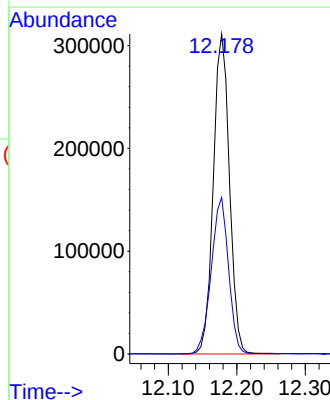
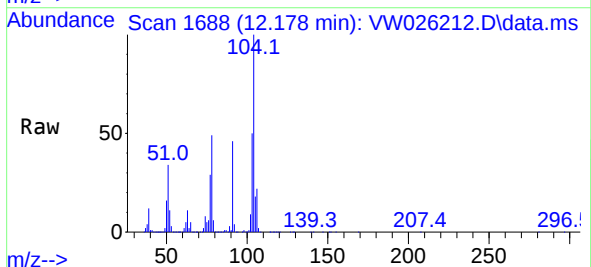
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

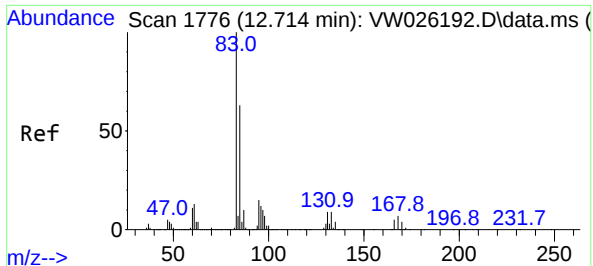
Tgt Ion:106 Resp: 300133
Ion Ratio Lower Upper
106 100
91 213.0 150.9 280.3



#55
Styrene
Concen: 19.821 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:104 Resp: 508514
Ion Ratio Lower Upper
104 100
78 48.9 32.6 60.6

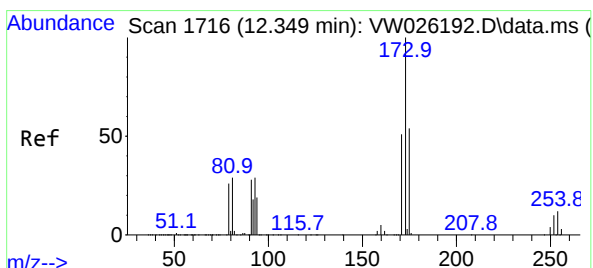
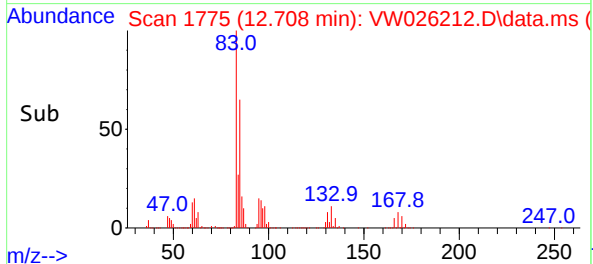
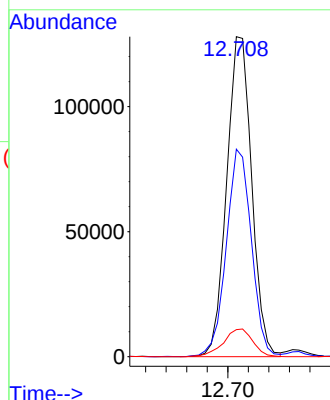
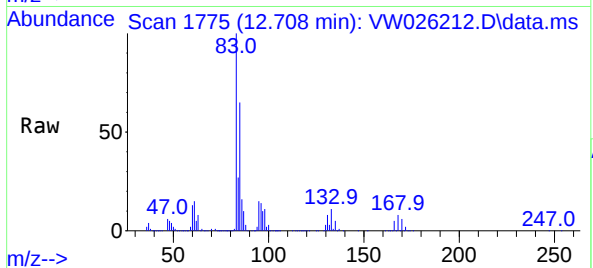




#57
1,1,2,2-Tetrachloroethane
Concen: 27.163 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

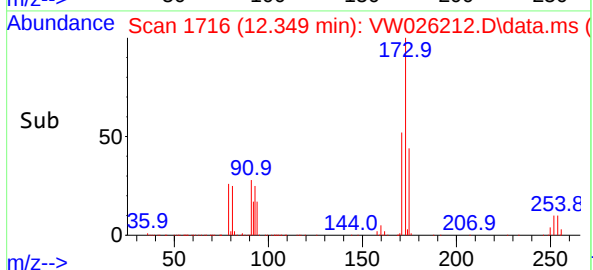
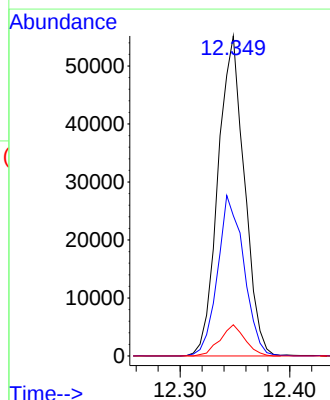
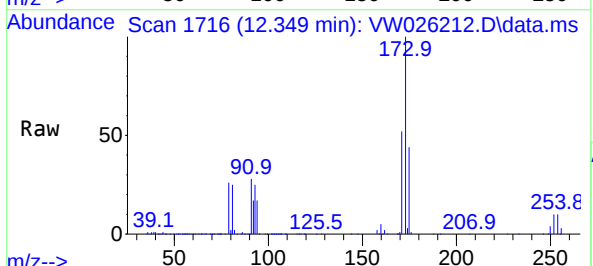
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

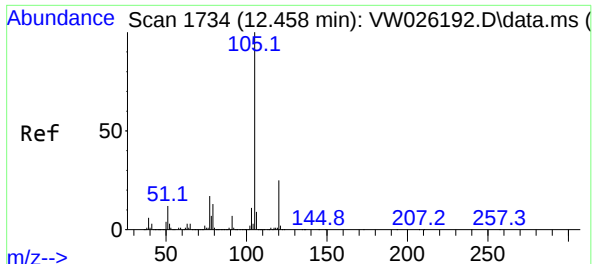
Tgt Ion: 83 Resp: 216602
Ion Ratio Lower Upper
83 100
85 64.8 42.6 79.0
131 8.4 7.2 10.8



#59
Bromoform
Concen: 27.920 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 173 Resp: 92258
Ion Ratio Lower Upper
173 100
175 50.1 38.6 57.8
254 9.2 7.4 11.0



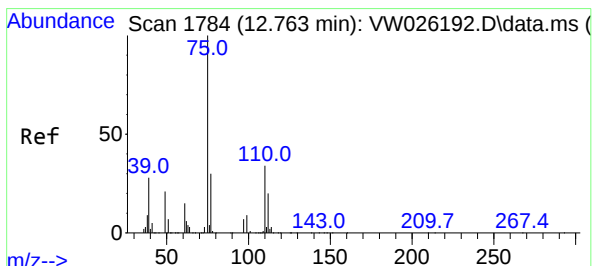
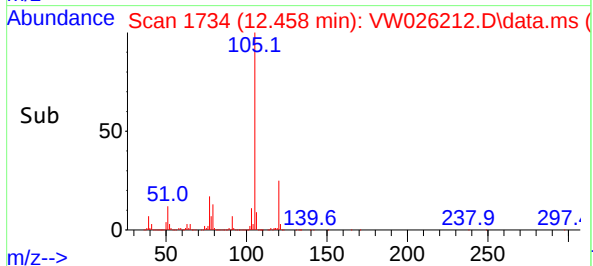
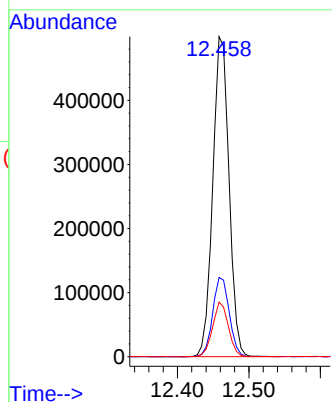
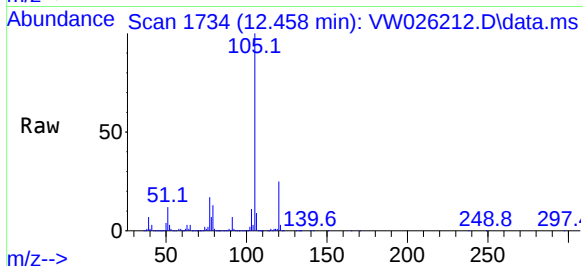


#60
Isopropylbenzene
Concen: 22.774 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion:105 Resp: 787075

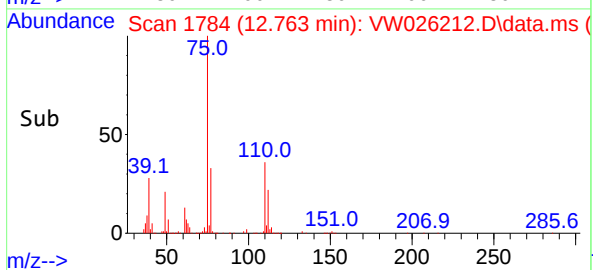
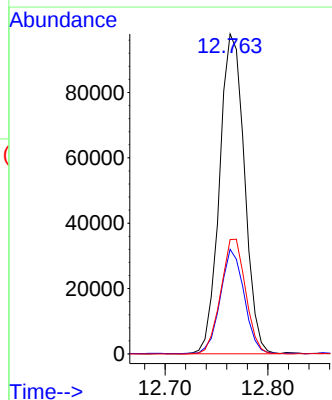
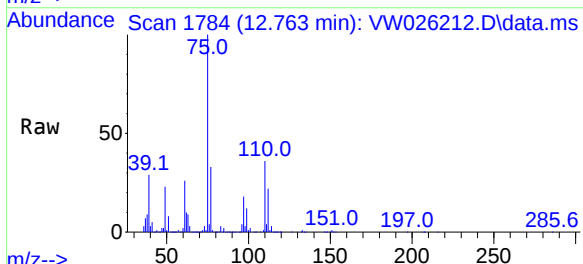
Ion	Ratio	Lower	Upper
105	100		
120	25.2	19.8	29.8
77	16.5	13.3	19.9

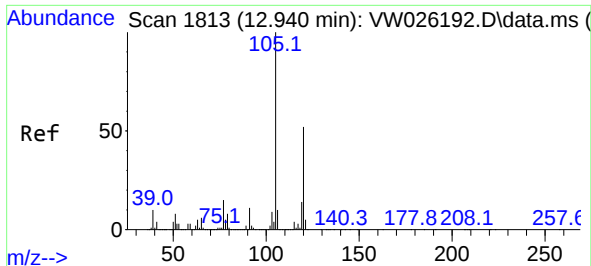


#61
1,2,3-Trichloropropane
Concen: 33.388 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion: 75 Resp: 164532

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
110	35.8	28.7	43.1





#62

1,3,5-Trimethylbenzene

Concen: 22.025 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

Instrument :

MSVOA_W

ClientSampleId :

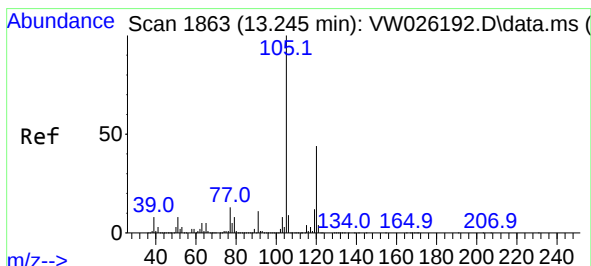
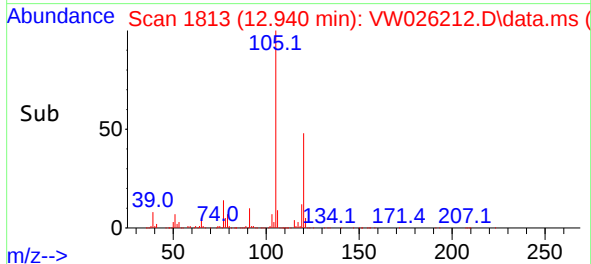
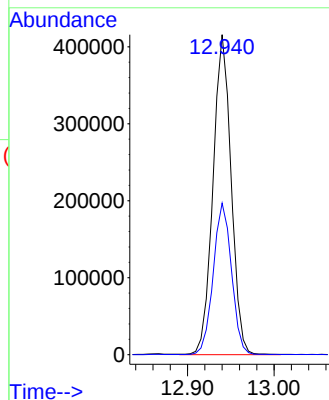
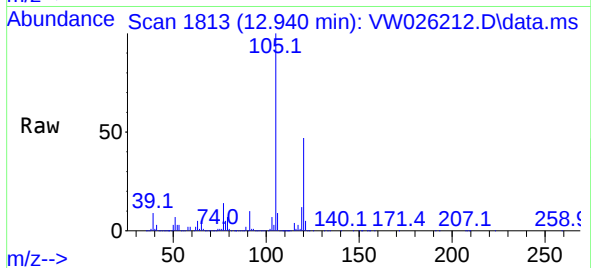
YBTX2MSD

Tgt Ion:105 Resp: 605120

Ion Ratio Lower Upper

105 100

120 47.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 21.076 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026212.D

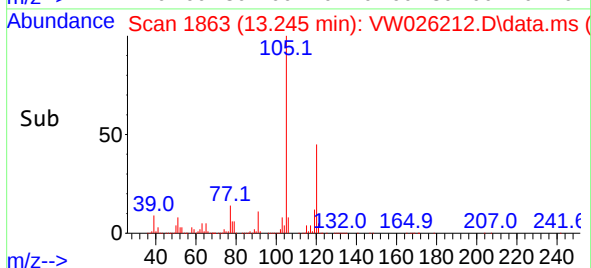
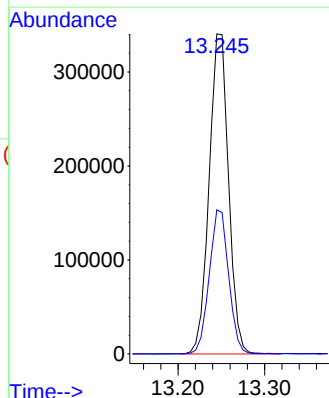
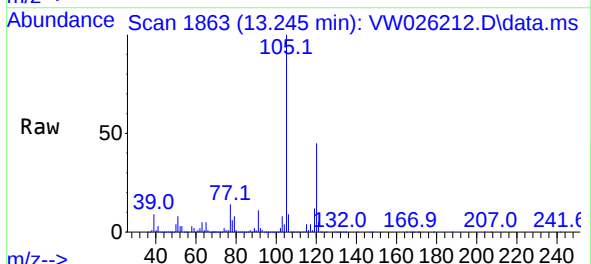
Acq: 15 Jun 2023 18:41

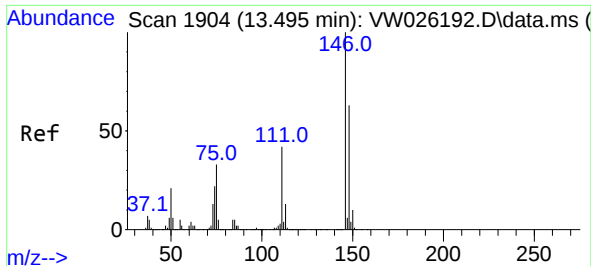
Tgt Ion:105 Resp: 530351

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2

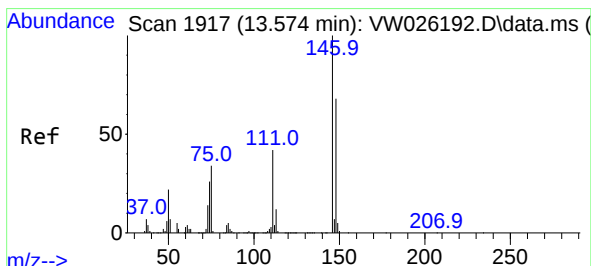
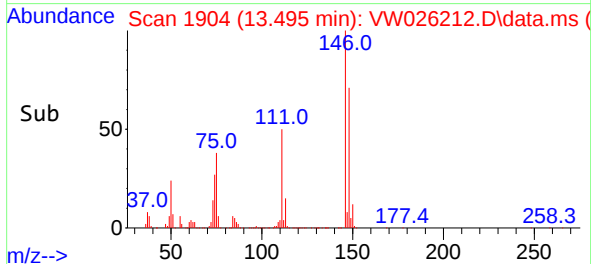
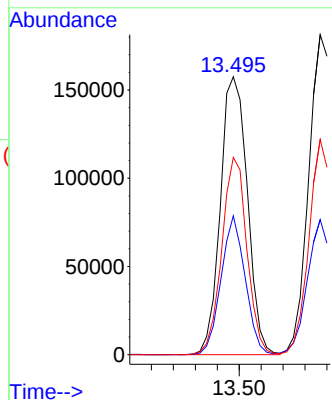
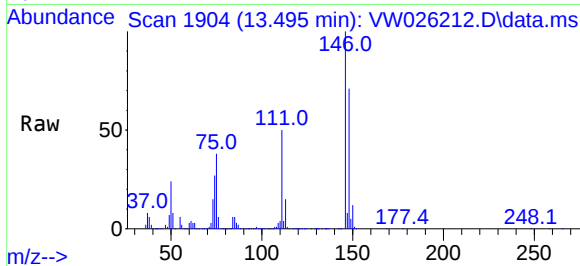




#64
1,3-Dichlorobenzene
Concen: 18.547 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

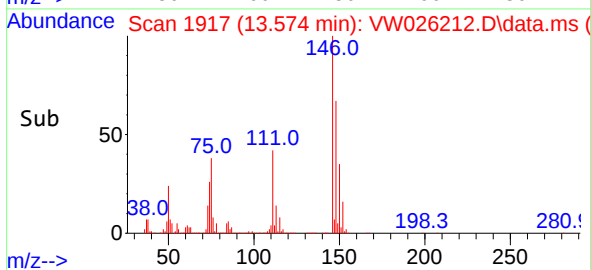
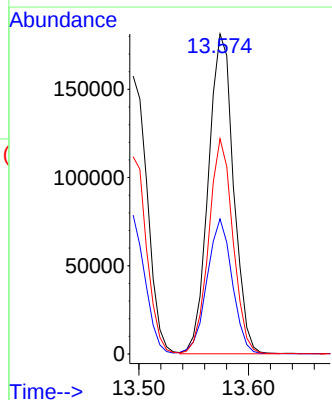
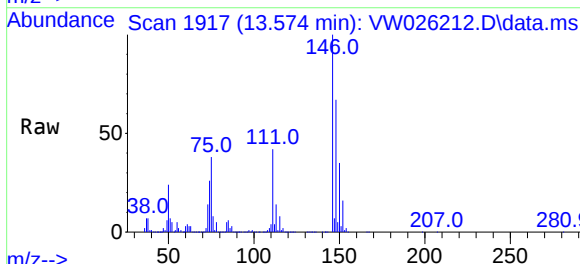
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

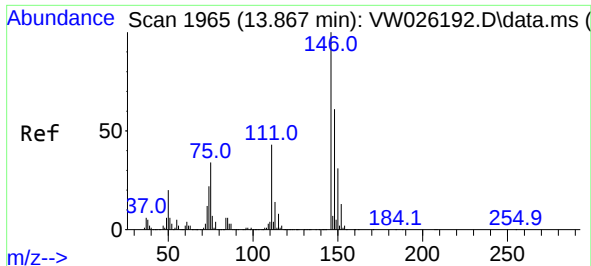
Tgt Ion:146 Resp: 269507
Ion Ratio Lower Upper
146 100
111 50.0 29.7 55.1
148 71.0 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 19.784 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:146 Resp: 289437
Ion Ratio Lower Upper
146 100
111 42.2 29.2 54.2
148 67.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 21.119 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

Instrument :

MSVOA_W

ClientSampleId :

YBTX2MSD

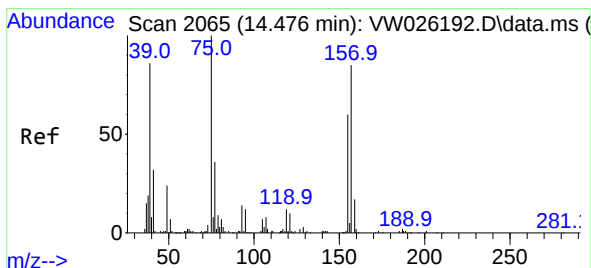
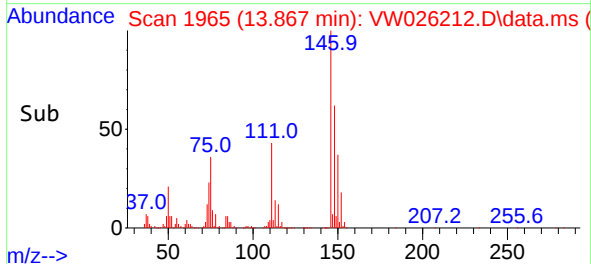
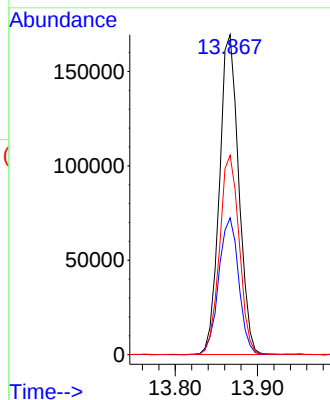
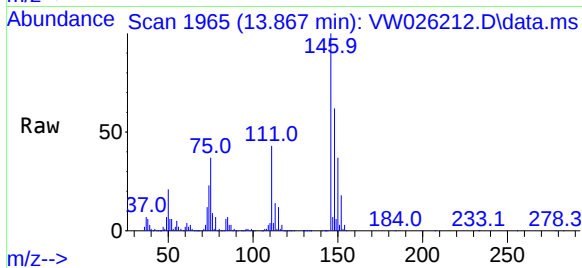
Tgt Ion:146 Resp: 275575

Ion Ratio Lower Upper

146 100

111 42.8 35.4 53.0

148 62.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 31.515 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026212.D

Acq: 15 Jun 2023 18:41

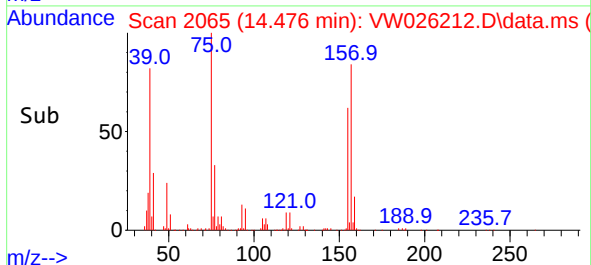
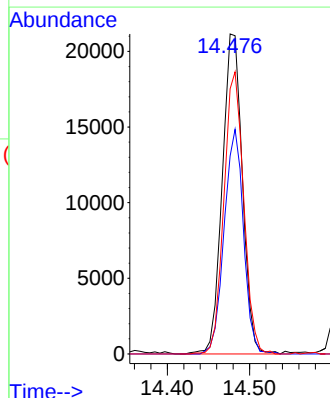
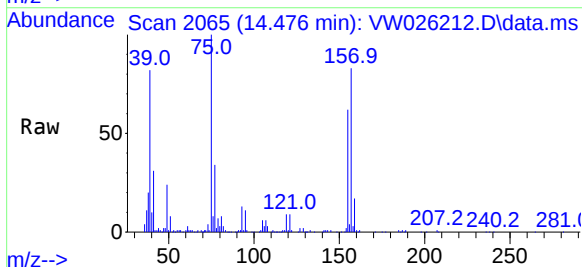
Tgt Ion: 75 Resp: 35982

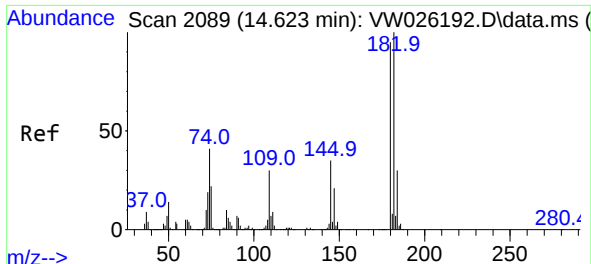
Ion Ratio Lower Upper

75 100

155 61.9 59.0 88.6

157 82.9 71.7 107.5



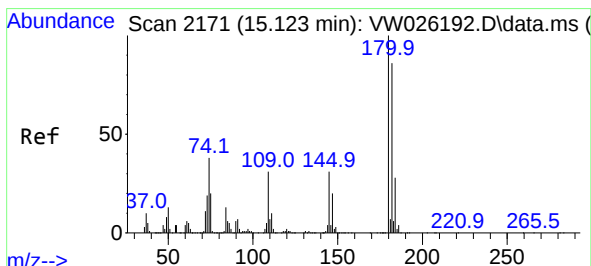
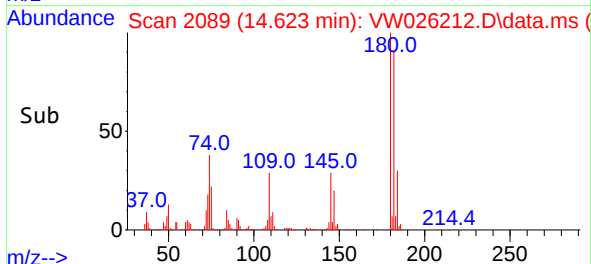
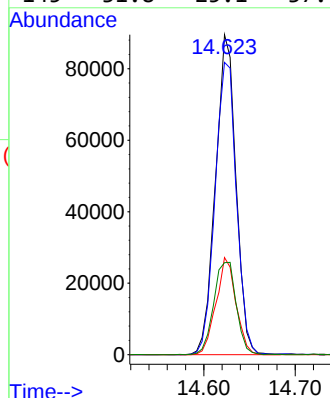
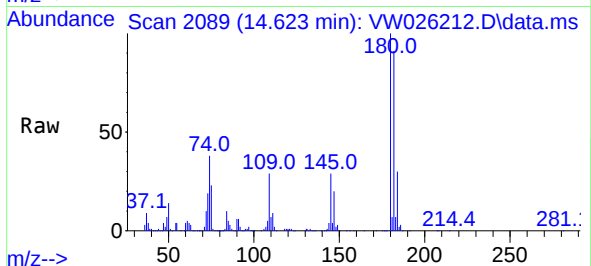


#69
1,3,5-Trichlorobenzene
Concen: 13.981 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion:180 Resp: 139554

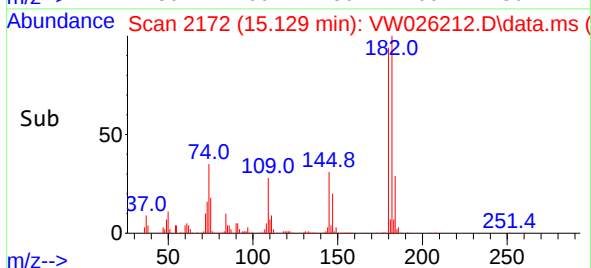
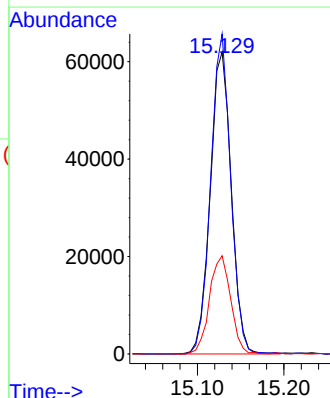
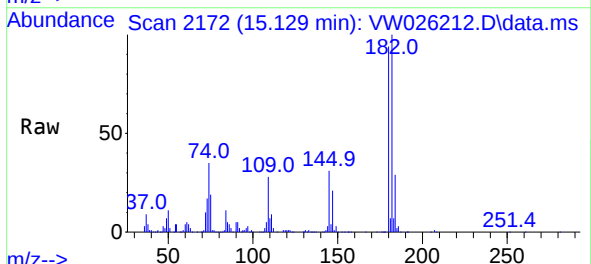
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
184	29.5	23.7	35.5
145	31.8	25.1	37.7

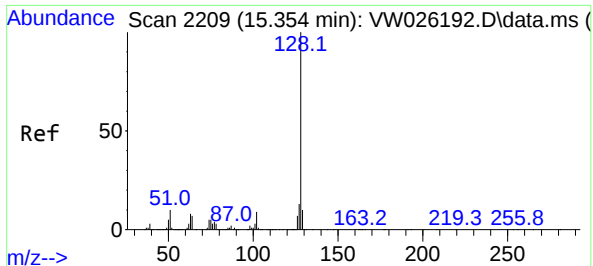


#70
1,2,4-trichlorobenzene
Concen: 12.725 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:180 Resp: 104809

Ion	Ratio	Lower	Upper
180	100		
182	100.5	78.9	118.3
145	32.5	27.2	40.8



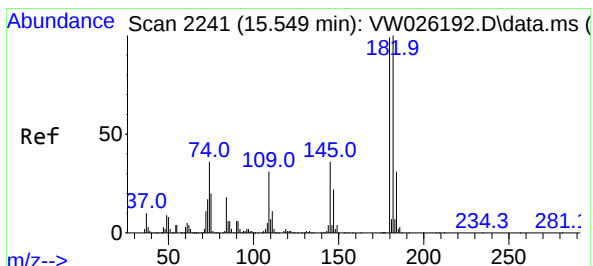
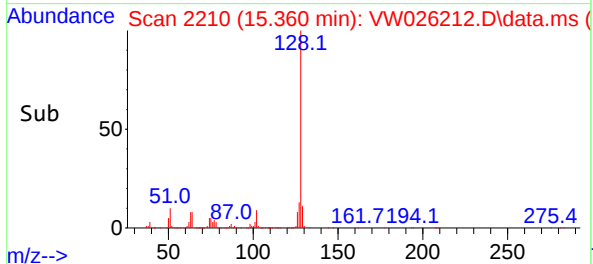
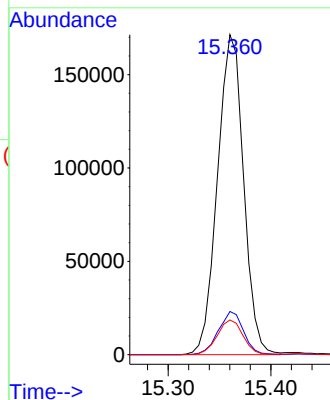
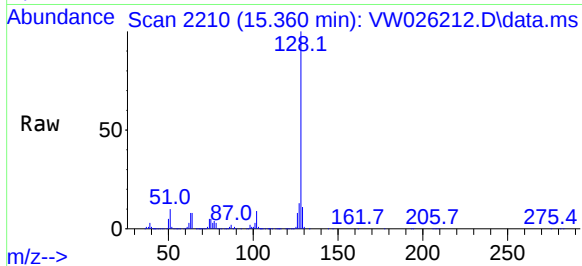


#71
Naphthalene
Concen: 20.588 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MSD

Tgt Ion:128 Resp: 302228

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 14.387 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW026212.D
Acq: 15 Jun 2023 18:41

Tgt Ion:180 Resp: 103562

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
145	34.0	27.0	40.6

