

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
 Data File : VW026211.D
 Acq On : 15 Jun 2023 18:17
 Operator : SY/MD
 Sample : 03234-05MS
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTX2MS

Quant Time: Jun 16 06:23:11 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	608846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236120	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	161087	18.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
7) Chloroethane-d5	2.893	69	150489	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.027	65	83333	19.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.920%
21) 2-Butanone-d5	7.075	46	202332	81.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.280%#
24) Chloroform-d	7.648	84	410289	23.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	8.301	65	251398	25.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.276	84	793427	21.697	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.270	67	272987	23.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.319	98	668288	20.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.440%
43) trans-1,3-Dichloroprop...	10.575	79	99782	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.922	63	141416	77.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.820%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268931	31.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.600%#
66) 1,2-Dichlorobenzene-d4	13.848	152	197906	21.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	122308	16.387	ug/L #	88
3) Chloromethane	2.229	50	206597	21.588	ug/L	98
5) Vinyl chloride	2.375	62	209649	20.494	ug/L	98
6) Bromomethane	2.789	94	119331	21.398	ug/L	100
8) Chloroethane	2.930	64	130250	23.562	ug/L	95
9) Trichlorofluoromethane	3.265	101	141204	21.456	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	171778	20.686	ug/L	97
12) 1,1-Dichloroethene	4.051	96	159498	20.575	ug/L	81
13) Acetone	4.118	43	160343	83.101	ug/L	99
14) Carbon disulfide	4.393	76	458229	16.745	ug/L	98
15) Methyl Acetate	4.667	43	135335	31.252	ug/L	99
16) Methylene chloride	4.923	84	200418	20.624	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	171306	19.696	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	325803	23.768	ug/L	99
19) 1,1-Dichloroethane	6.216	63	384678	21.725	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	199194	21.622	ug/L	97
22) 2-Butanone	7.167	43	216423	78.631	ug/L	97
23) Bromochloromethane	7.514	128	90800	23.110	ug/L	96
25) Chloroform	7.679	83	363063	22.015	ug/L	99

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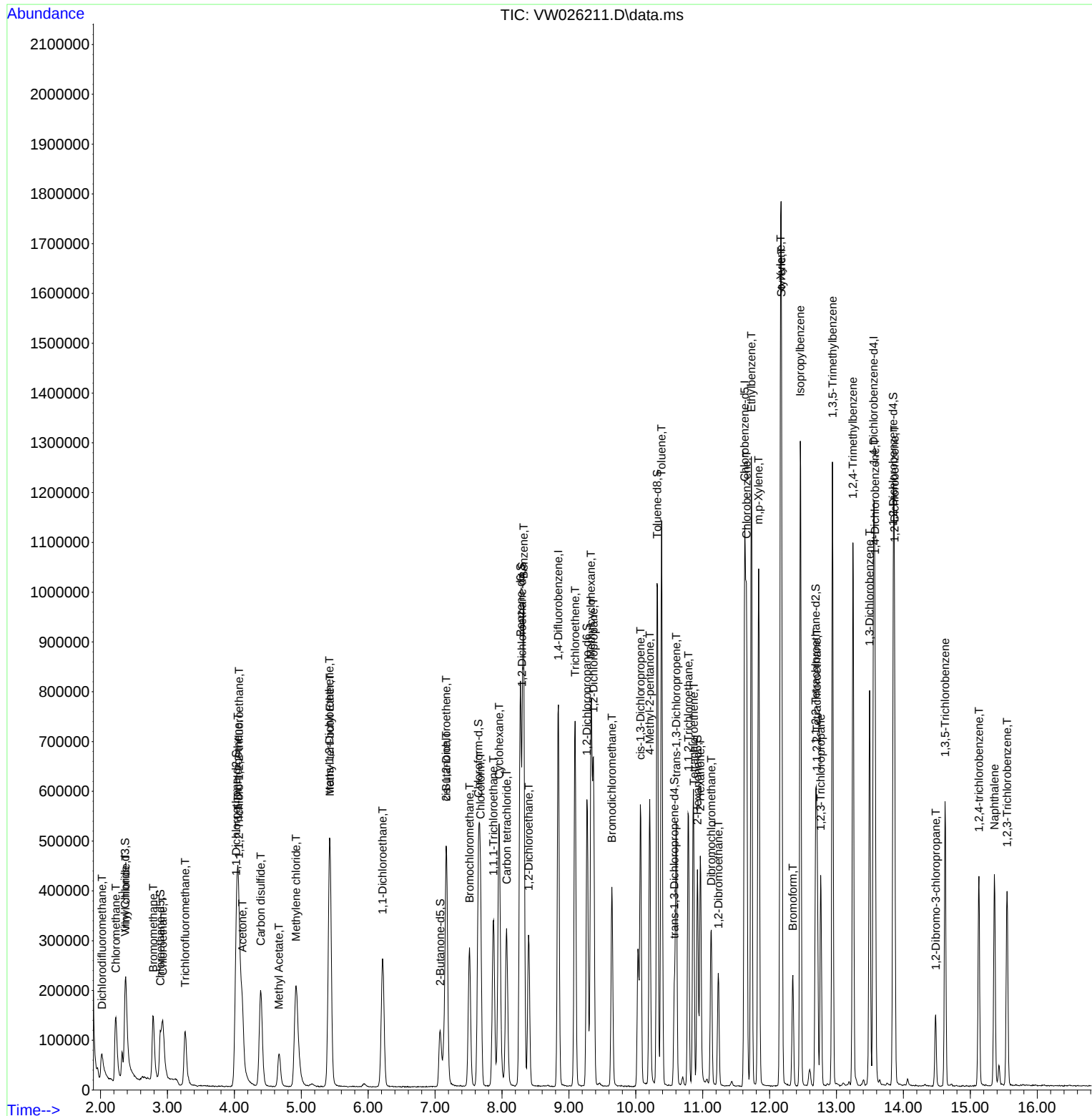
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	274802	24.160	ug/L	99
29) Cyclohexane	7.959	56	308865	18.409	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	269174	20.410	ug/L	99
31) Carbon tetrachloride	8.069	117	238492	19.817	ug/L	100
33) Benzene	8.325	78	787359	21.149	ug/L	100
34) Trichloroethene	9.093	95	255639	26.817	ug/L	98
35) Methylcyclohexane	9.331	83	284160	16.846	ug/L	99
37) 1,2-Dichloropropane	9.367	63	242275	24.027	ug/L	99
38) Bromodichloromethane	9.642	83	262074	22.371	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	320147	21.605	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	399173	67.145	ug/L	100
42) Toluene	10.386	91	789235	20.727	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	276360	22.386	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	170051	25.588	ug/L	96
46) Tetrachloroethene	10.867	164	128875	19.113	ug/L	92
48) 2-Hexanone	10.965	43	312613	74.578	ug/L	99
49) Dibromochloromethane	11.129	129	161364	23.159	ug/L	99
50) 1,2-Dibromoethane	11.233	107	154099	25.043	ug/L	98
51) Chlorobenzene	11.654	112	466823	19.564	ug/L	100
52) Ethylbenzene	11.727	91	849996	19.788	ug/L	100
53) m,p-Xylene	11.837	106	314994	19.712	ug/L	90
54) o-Xylene	12.166	106	293109	19.434	ug/L	95
55) Styrene	12.178	104	511119	19.754	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	228173	28.370	ug/L	98
59) Bromoform	12.349	173	97562	27.510	ug/L	98
60) Isopropylbenzene	12.458	105	783552	21.124	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170197	32.179	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	618478	20.975	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	560616	20.758	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	295906	18.973	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	307516	19.585	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	283594	20.249	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	37101	30.277	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	154610	14.431	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	123848	14.010	ug/L	94
71) Naphthalene	15.360	128	336898	21.383	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	126646	16.392	ug/L	96

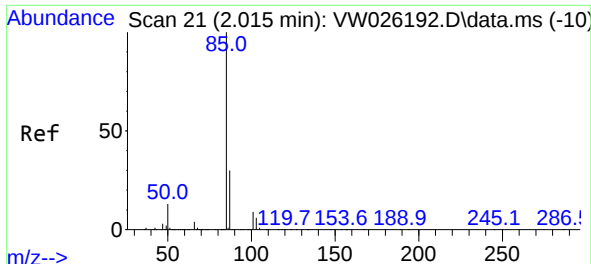
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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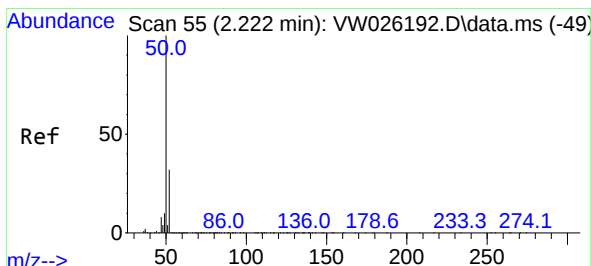
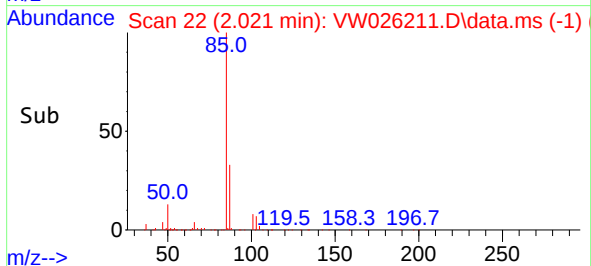
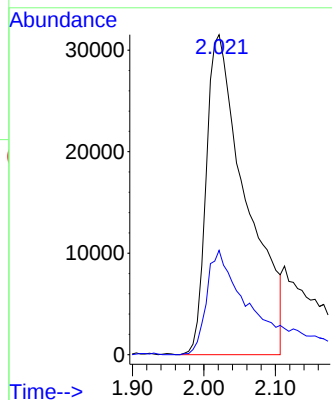
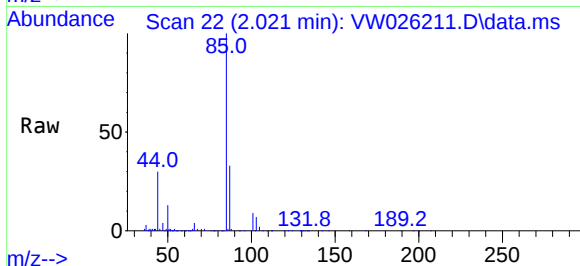




#2
Dichlorodifluoromethane
Concen: 16.387 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

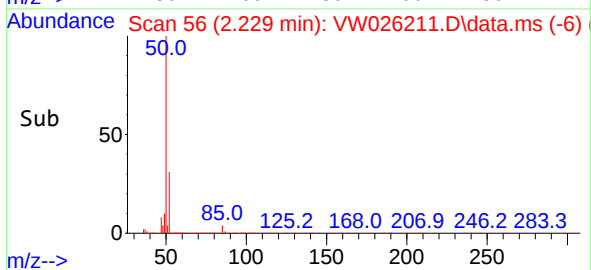
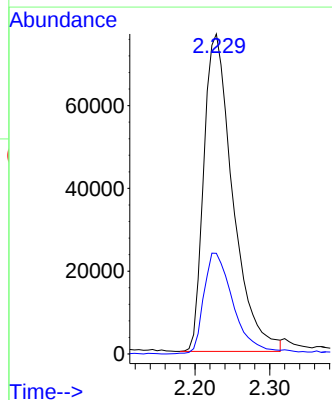
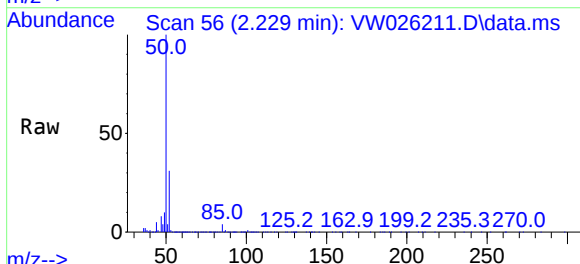
Instrument :
MSVOA_W
ClientSampleId :
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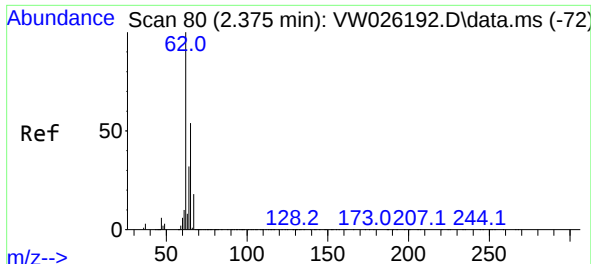
Tgt Ion: 85 Resp: 122308
Ion Ratio Lower Upper
85 100
87 33.9 22.2 33.2#



#3
Chloromethane
Concen: 21.588 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 50 Resp: 206597
Ion Ratio Lower Upper
50 100
52 31.5 21.3 39.6

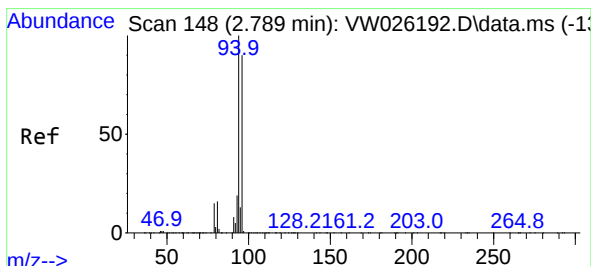
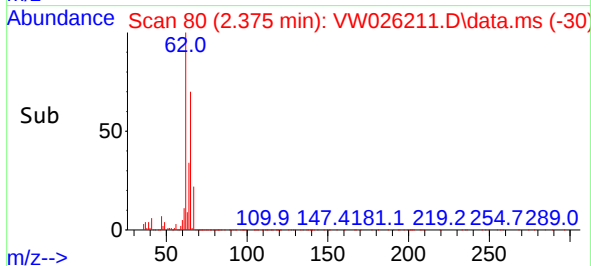
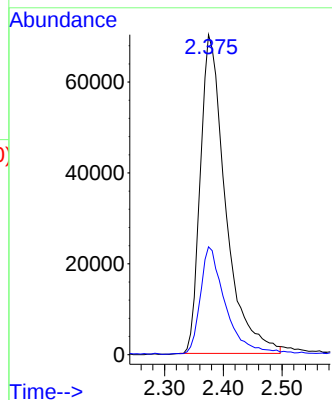
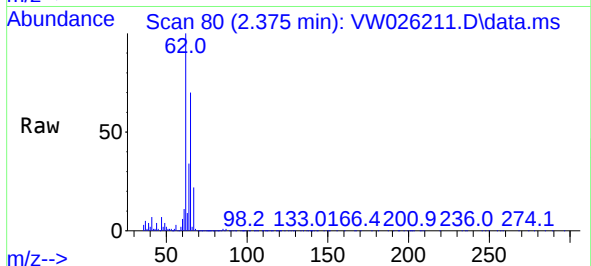




#5
 Vinyl chloride
 Concen: 20.494 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026211.D
 Acq: 15 Jun 2023 18:17

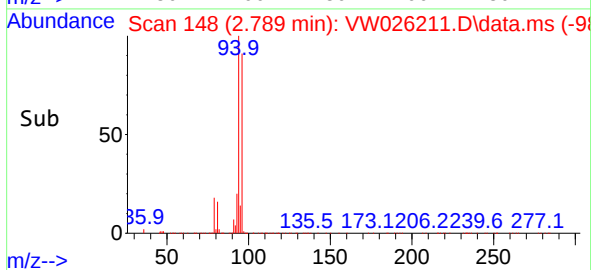
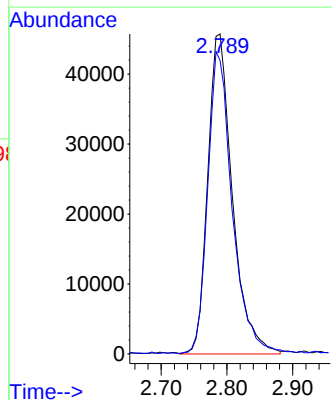
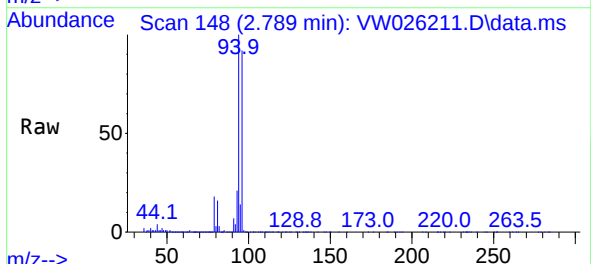
Instrument :
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 ClientSampleId :
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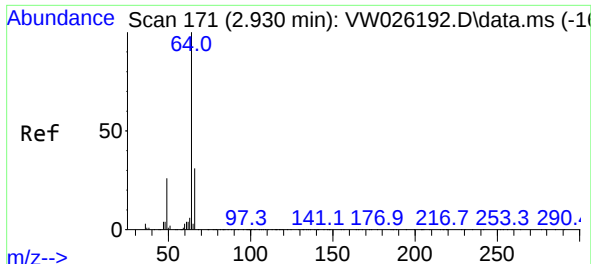
Tgt Ion: 62 Resp: 209649
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.1



#6
 Bromomethane
 Concen: 21.398 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026211.D
 Acq: 15 Jun 2023 18:17

Tgt Ion: 94 Resp: 119331
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.2 119.2

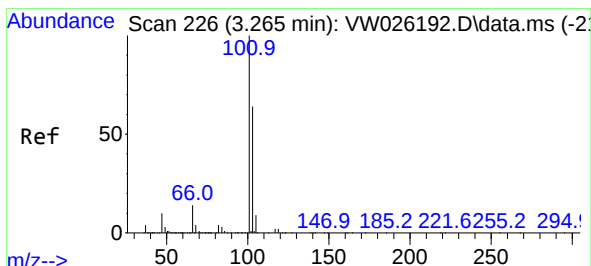
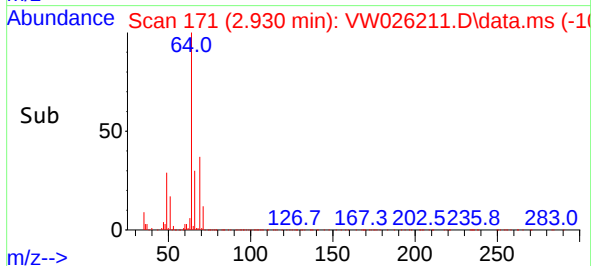
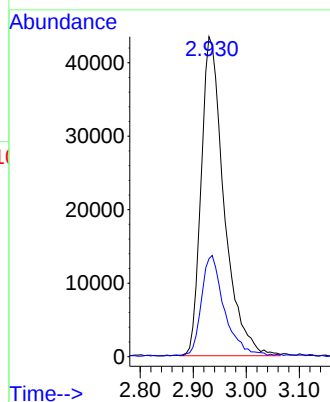
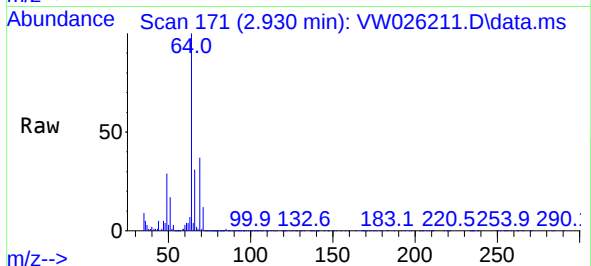




#8
Chloroethane
Concen: 23.562 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

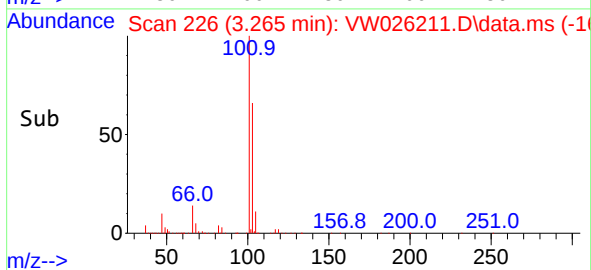
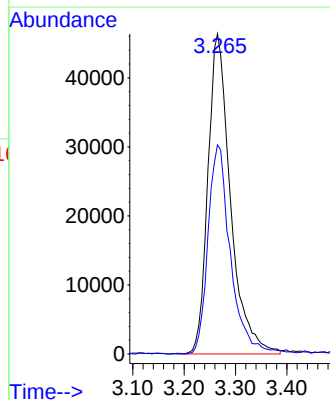
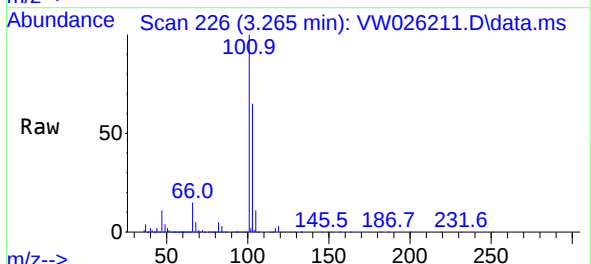
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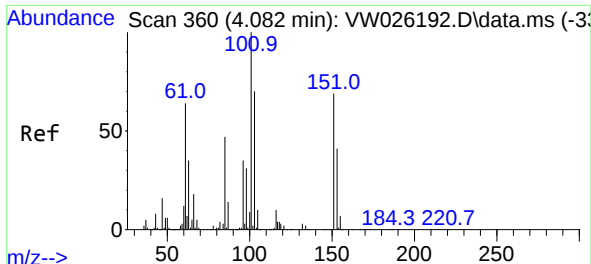
Tgt Ion: 64 Resp: 130250
Ion Ratio Lower Upper
64 100
66 30.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.456 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 101 Resp: 141204
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

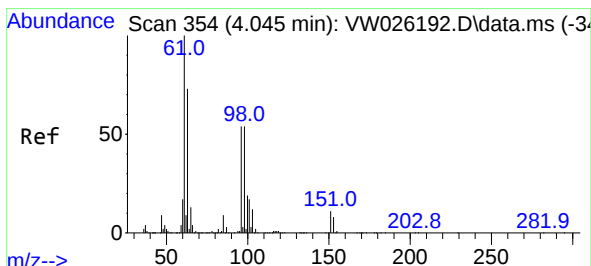
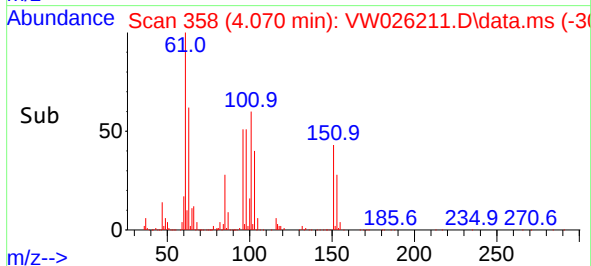
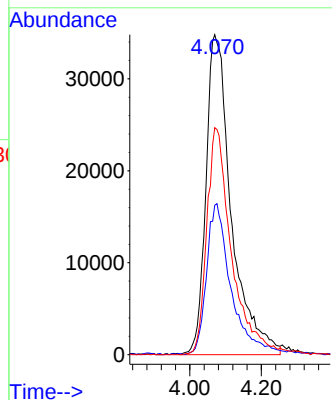
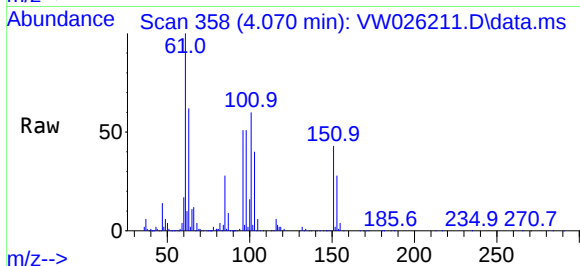




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.686 ug/L
RT: 4.070 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW026211.D
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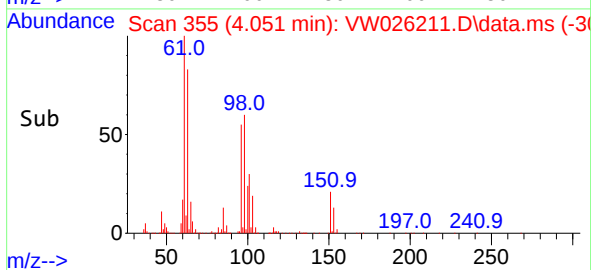
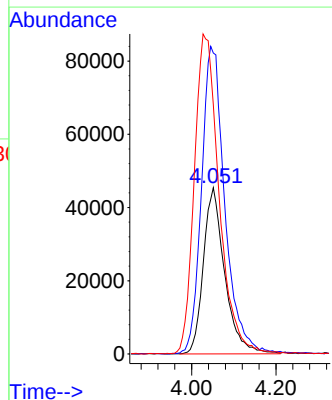
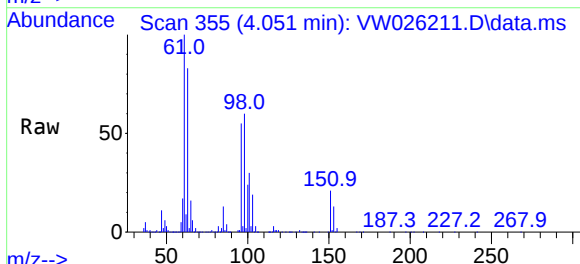
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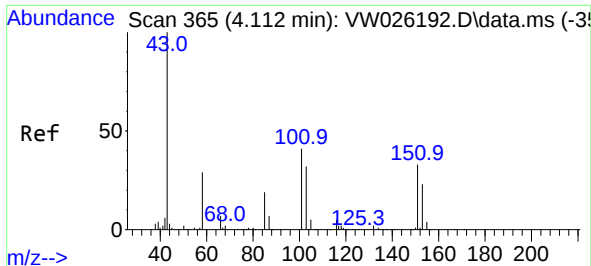
Tgt Ion:101 Resp: 171778
Ion Ratio Lower Upper
101 100
85 44.4 36.1 54.1
151 65.0 55.1 82.7



#12
1,1-Dichloroethene
Concen: 20.575 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 96 Resp: 159498
Ion Ratio Lower Upper
96 100
61 181.1 140.6 261.0
63 150.0 131.7 244.5

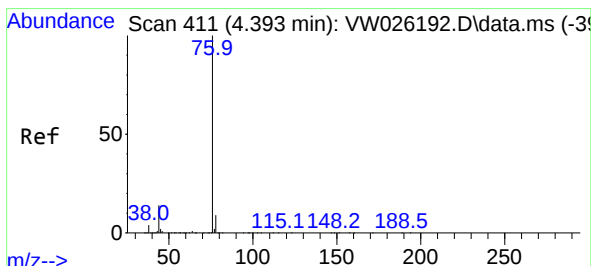
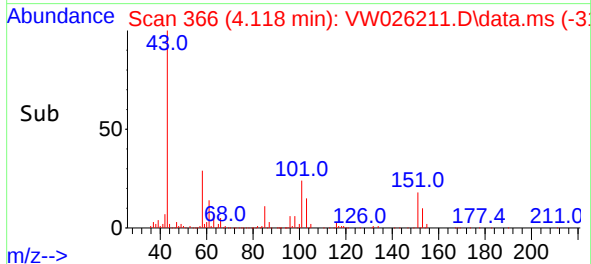
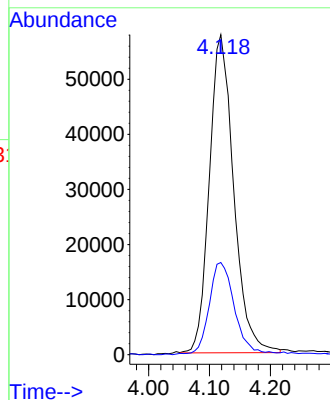
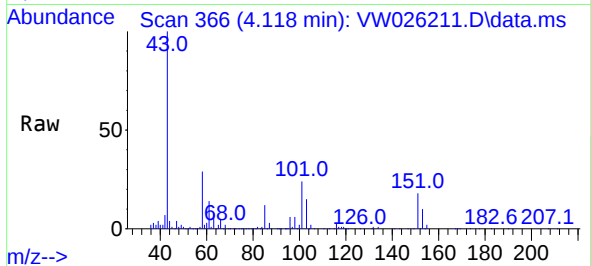




#13
Acetone
Concen: 83.101 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
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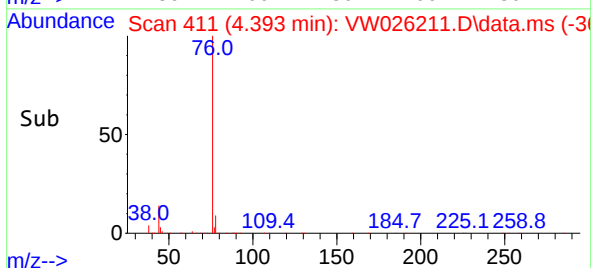
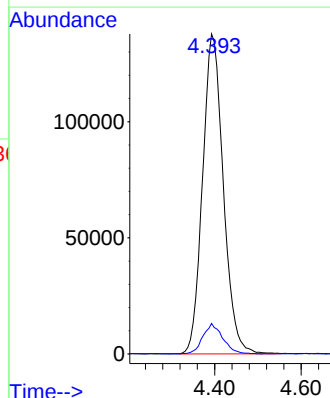
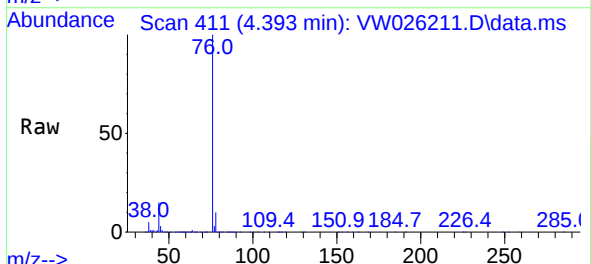
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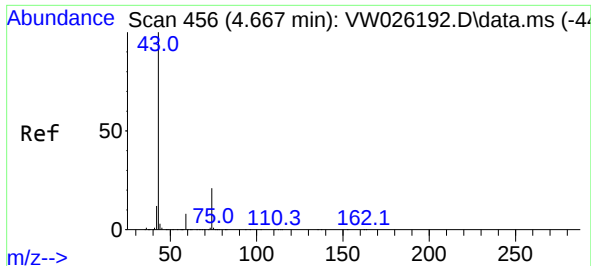
Tgt Ion: 43 Resp: 160343
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.2



#14
Carbon disulfide
Concen: 16.745 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 76 Resp: 458229
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

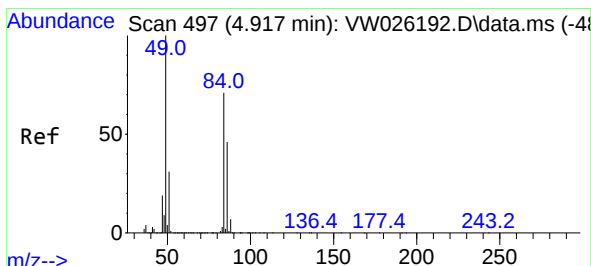
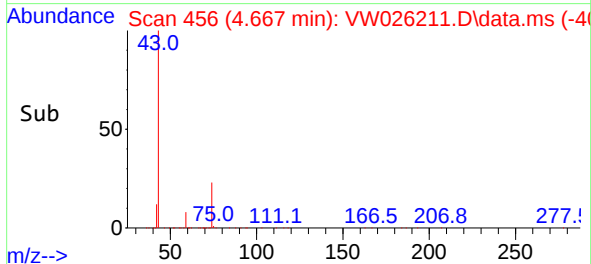
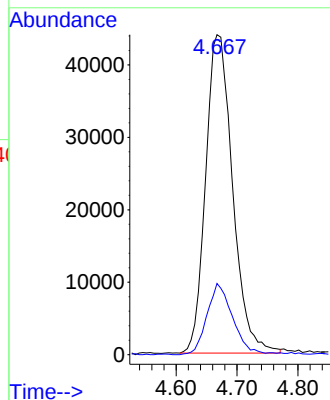
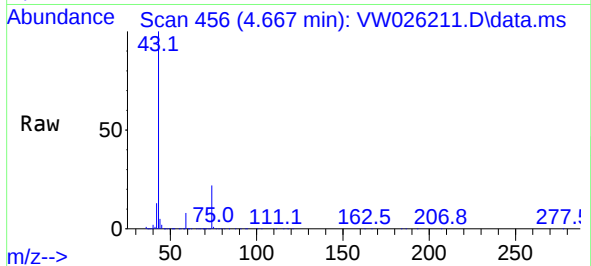




#15
Methyl Acetate
Concen: 31.252 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

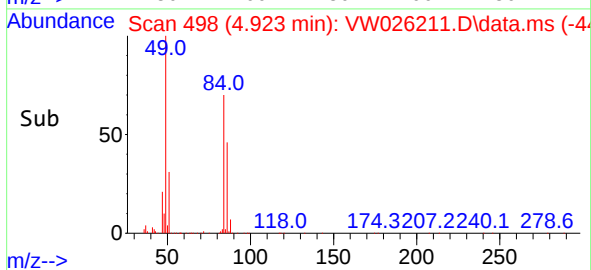
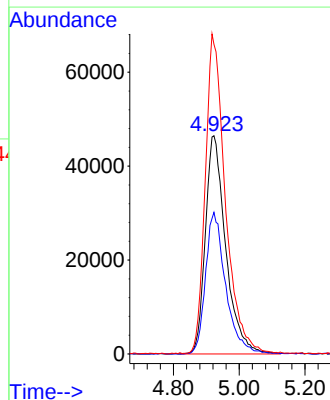
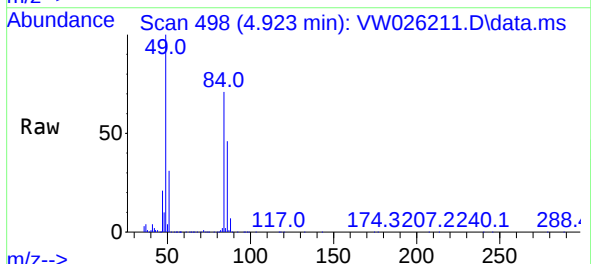
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

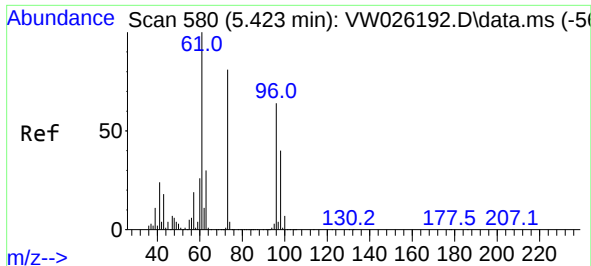
Tgt Ion: 43 Resp: 135335
Ion Ratio Lower Upper
43 100
74 21.2 16.6 25.0



#16
Methylene chloride
Concen: 20.624 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 84 Resp: 200418
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.0
49 141.8 98.8 183.6

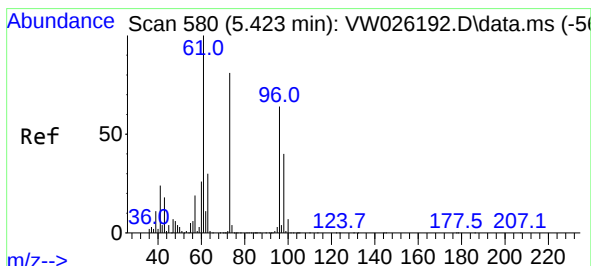
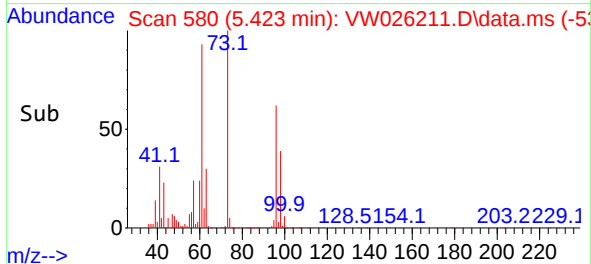
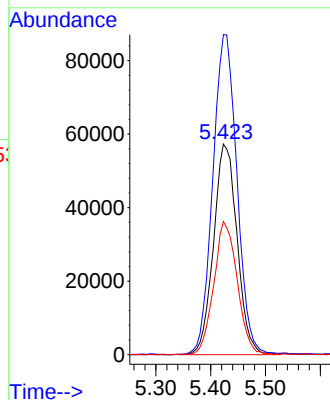
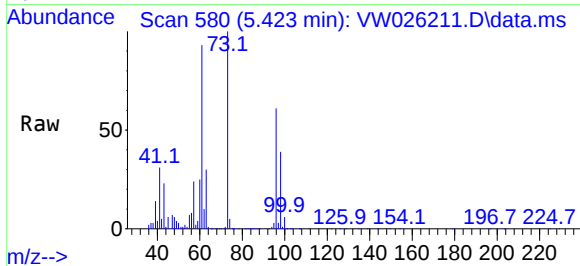




#17
trans-1,2-Dichloroethene
Concen: 19.696 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

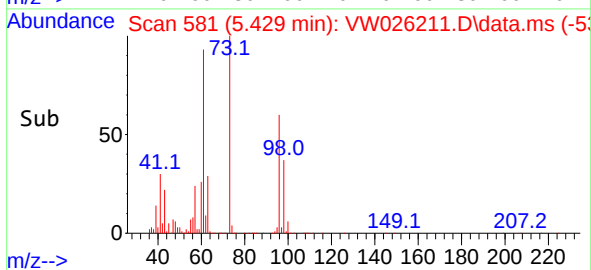
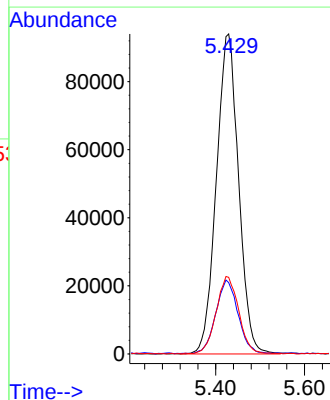
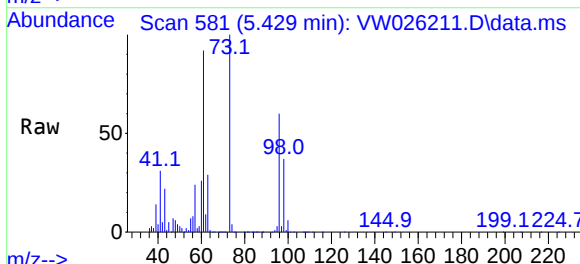
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

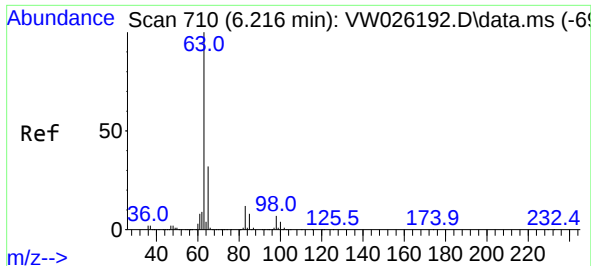
Tgt Ion: 96 Resp: 171306
Ion Ratio Lower Upper
96 100
61 152.0 113.0 209.8
98 63.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.768 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 73 Resp: 325803
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.725 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Instrument :

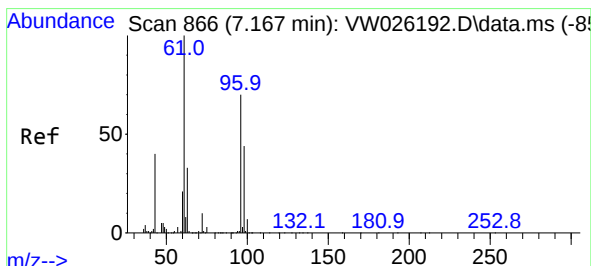
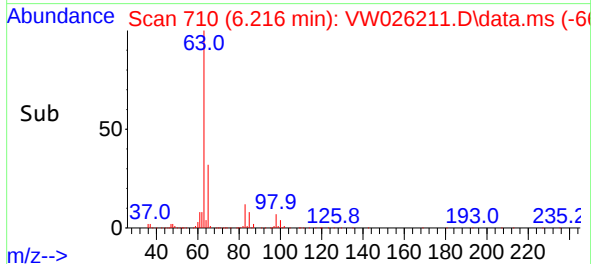
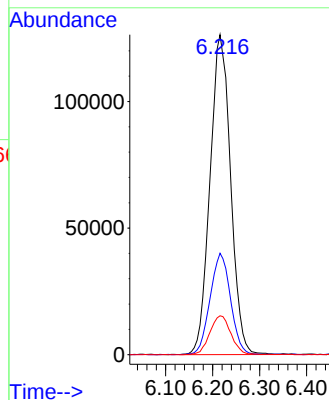
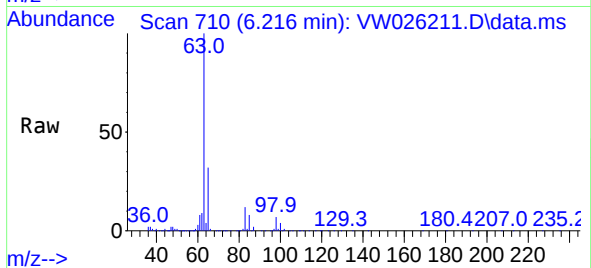
MSVOA_W

ClientSampleId :

YBTX2MS

Tgt Ion: 63 Resp: 384678

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.5
83	12.1	9.1	16.9



#20

cis-1,2-Dichloroethene

Concen: 21.622 ug/L

RT: 7.167 min Scan# 866

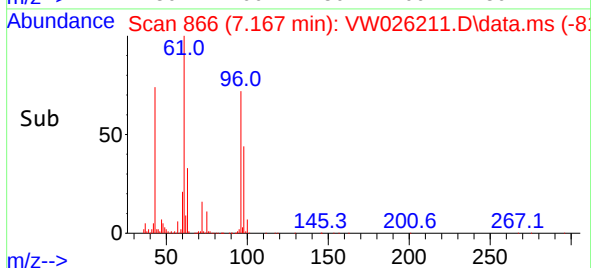
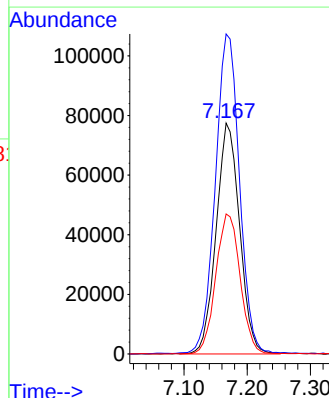
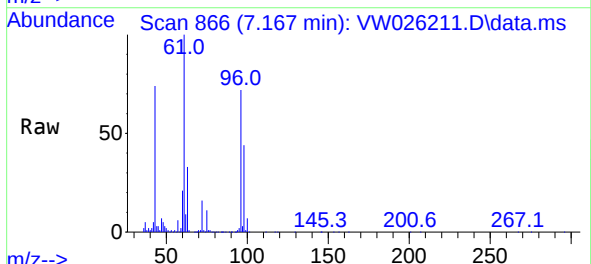
Delta R.T. -0.000 min

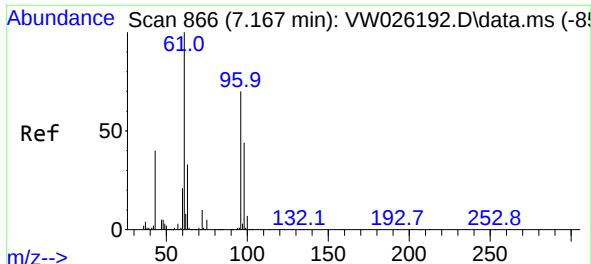
Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Tgt Ion: 96 Resp: 199194

Ion	Ratio	Lower	Upper
96	100		
61	138.6	98.4	182.8
98	60.6	45.2	84.0

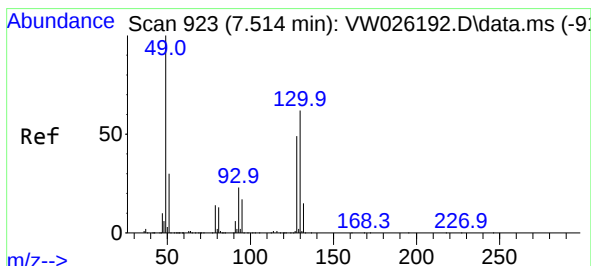
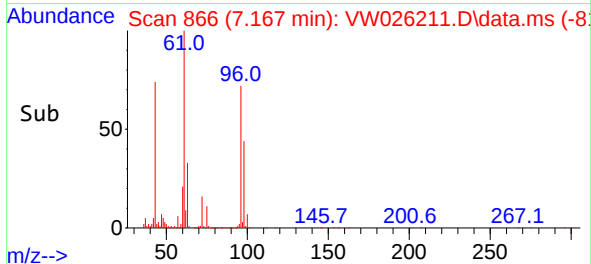
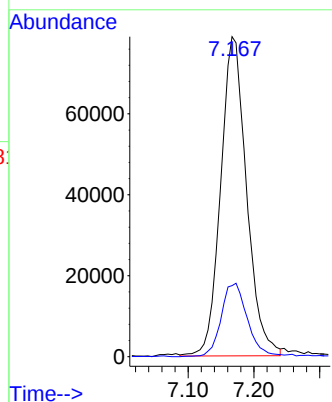
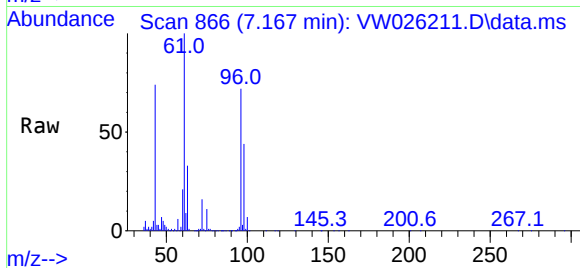




#22
2-Butanone
Concen: 78.631 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

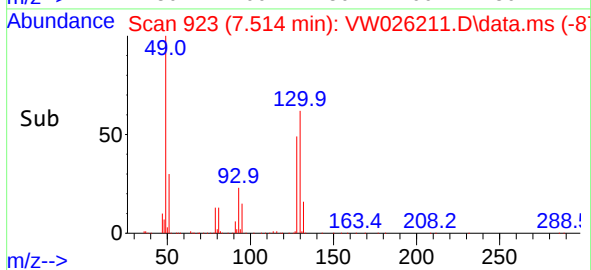
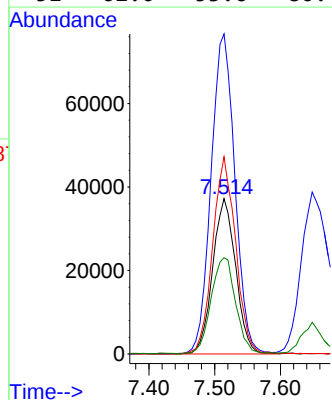
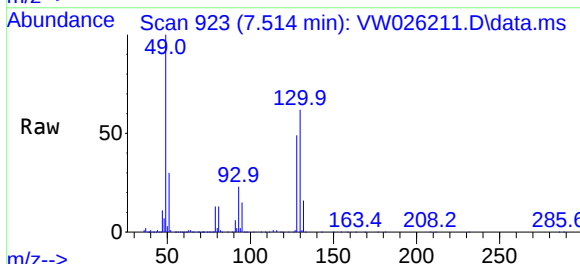
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

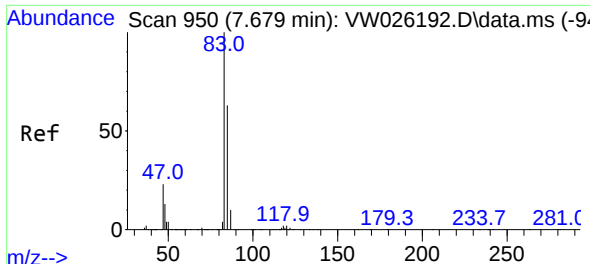
Tgt Ion: 43 Resp: 216423
Ion Ratio Lower Upper
43 100
72 23.2 12.4 37.4



#23
Bromochloromethane
Concen: 23.110 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:128 Resp: 90800
Ion Ratio Lower Upper
128 100
49 206.0 140.6 261.0
130 126.9 86.0 159.6
51 62.0 53.6 80.4

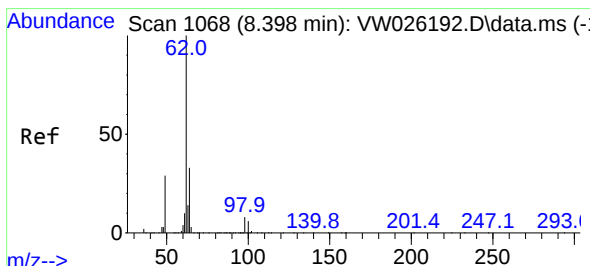
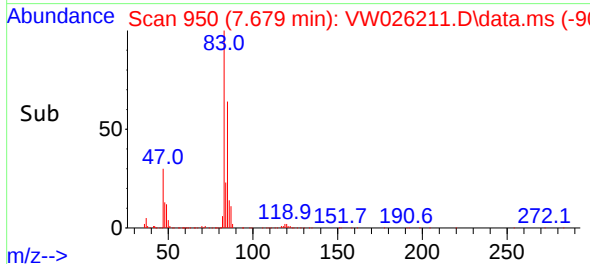
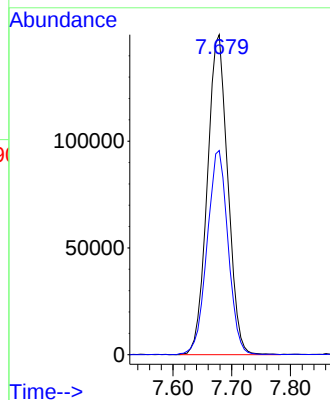
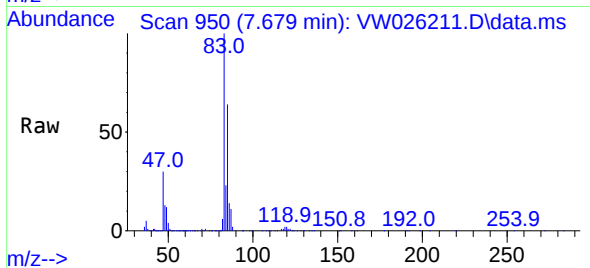




#25
Chloroform
Concen: 22.015 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

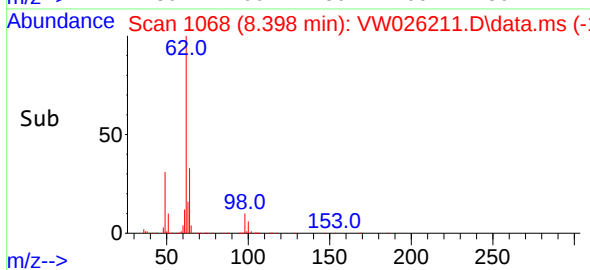
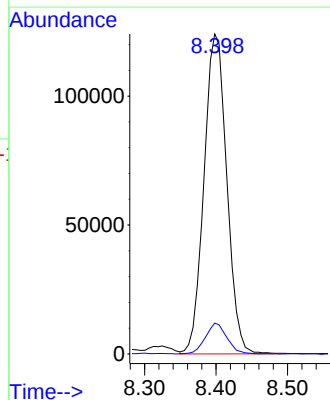
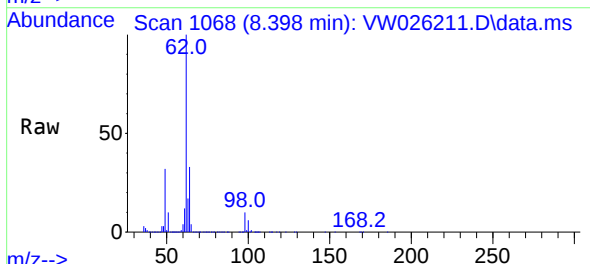
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

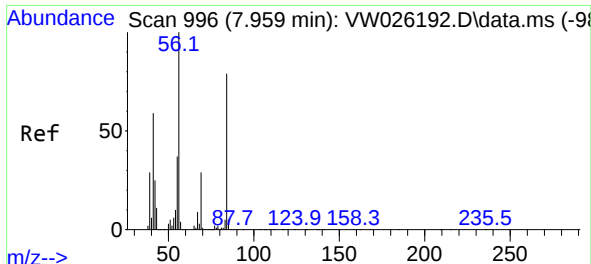
Tgt Ion: 83 Resp: 363063
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.160 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 62 Resp: 274802
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2

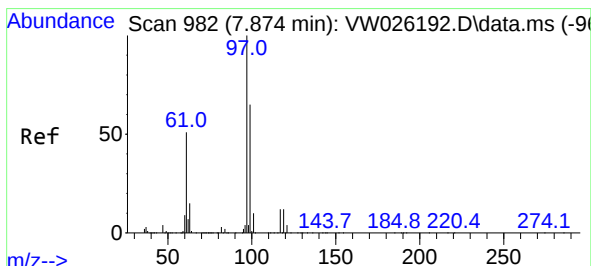
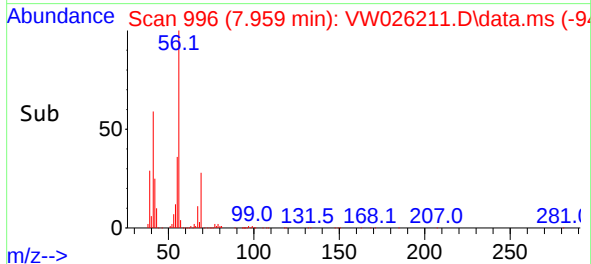
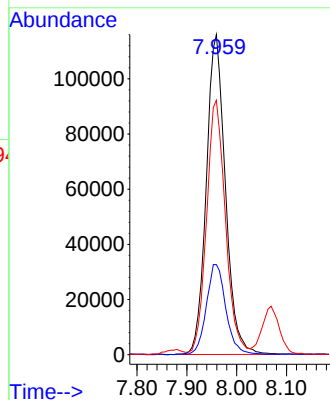
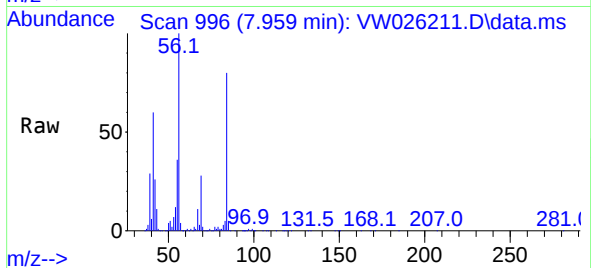




#29
Cyclohexane
Concen: 18.409 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

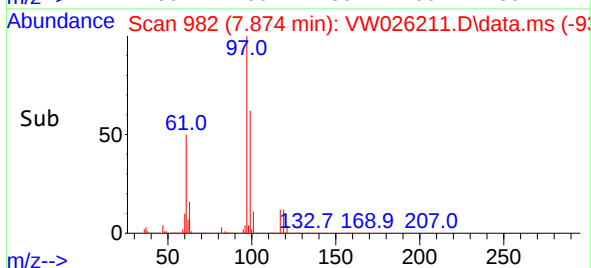
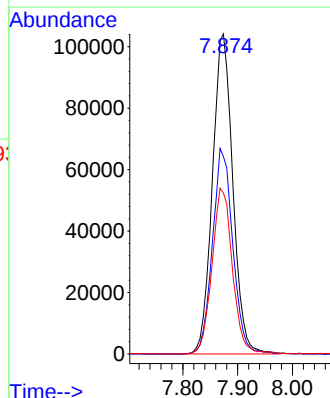
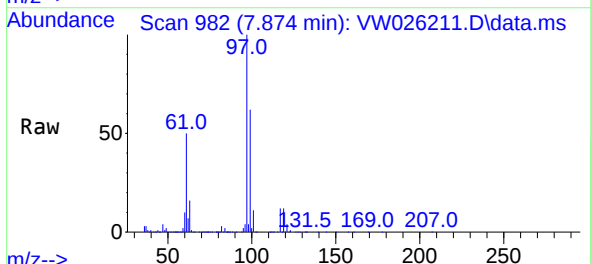
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

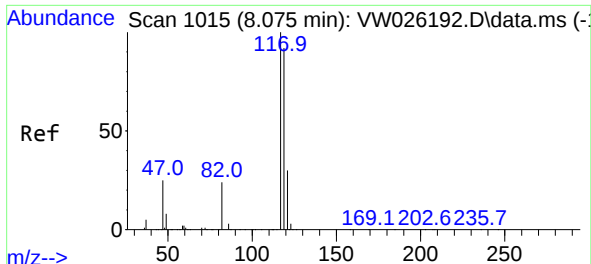
Tgt Ion: 56 Resp: 308865
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.8 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 20.410 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 97 Resp: 269174
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 51.7 40.5 60.7

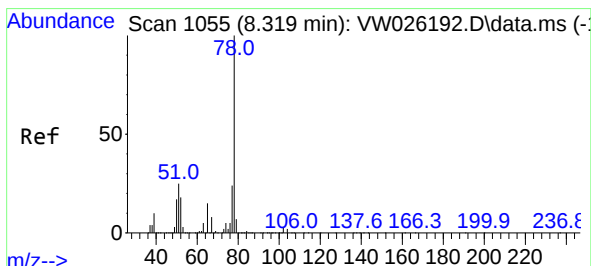
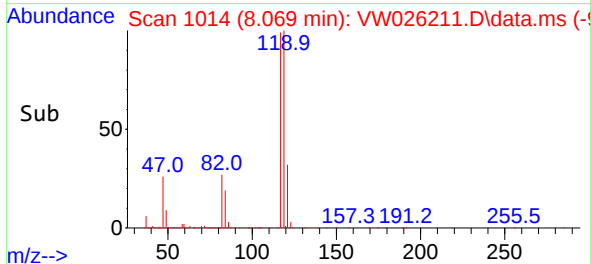
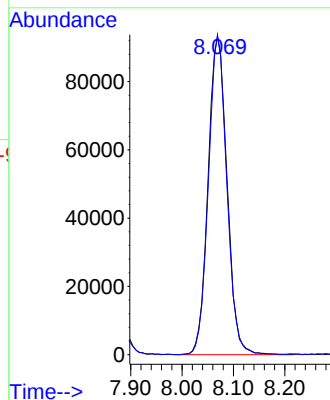
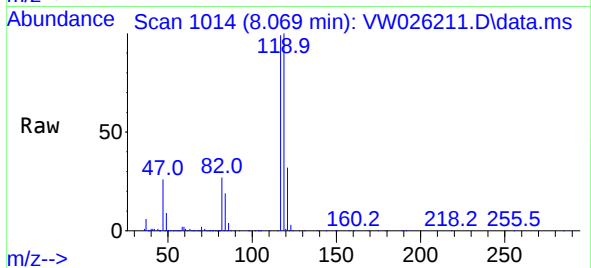




#31
Carbon tetrachloride
Concen: 19.817 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

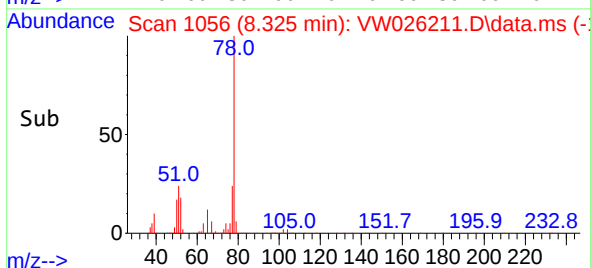
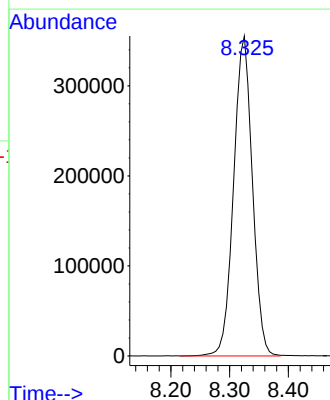
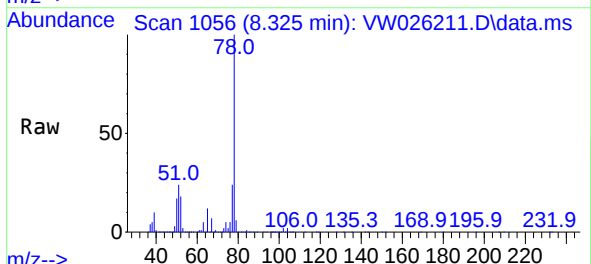
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

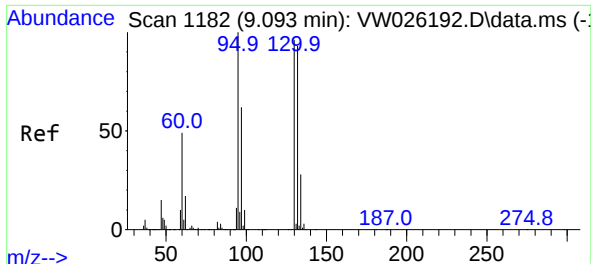
Tgt Ion:117 Resp: 238492
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2



#33
Benzene
Concen: 21.149 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 78 Resp: 787359

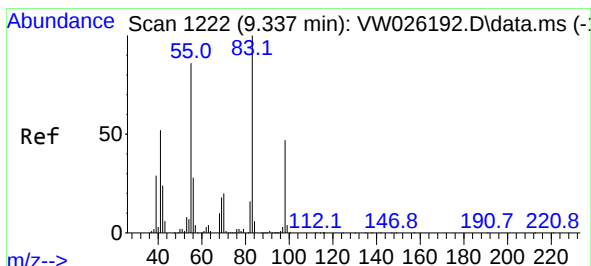
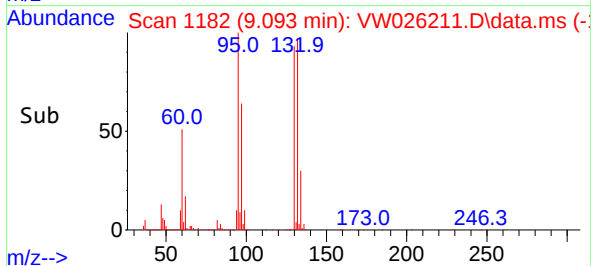
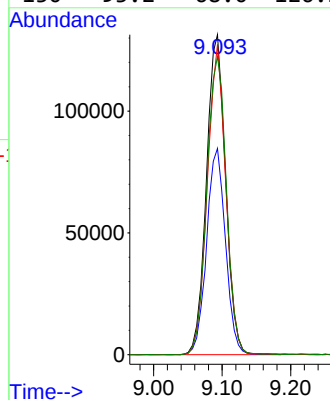
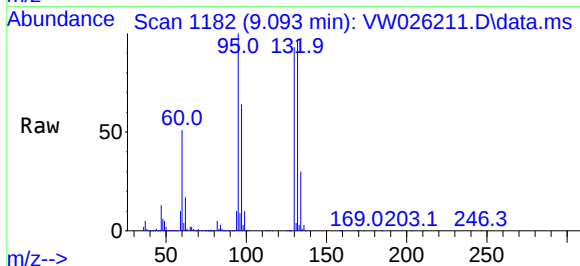




#34
Trichloroethene
Concen: 26.817 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

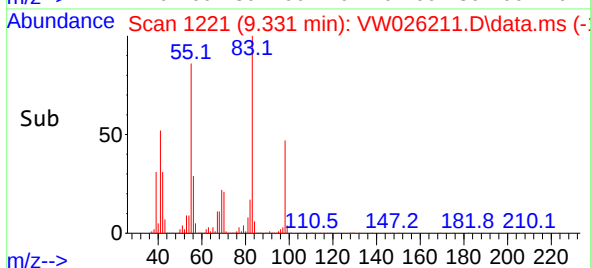
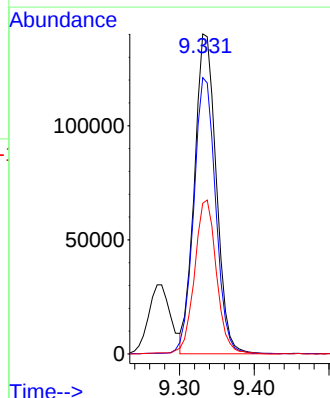
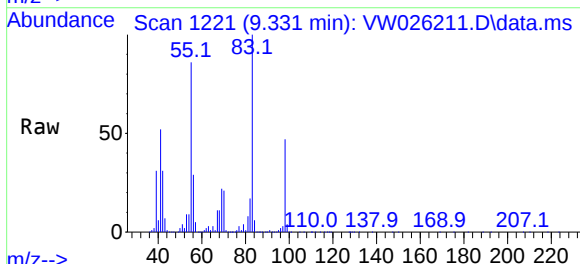
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

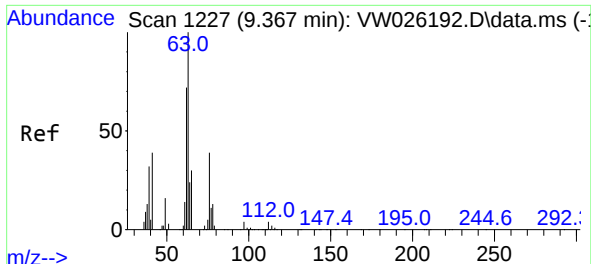
Tgt Ion: 95 Resp: 255639
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 96.9 67.1 124.7
130 93.2 68.0 126.2



#35
Methylcyclohexane
Concen: 16.846 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 83 Resp: 284160
Ion Ratio Lower Upper
83 100
55 86.1 68.2 102.4
98 48.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.027 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Instrument :

MSVOA_W

ClientSampleId :

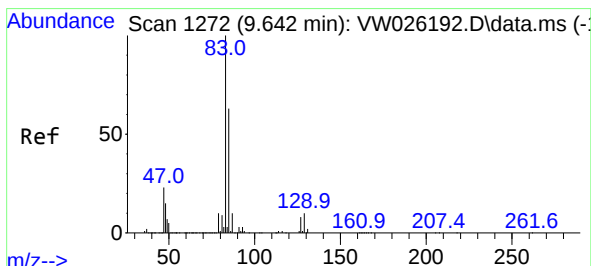
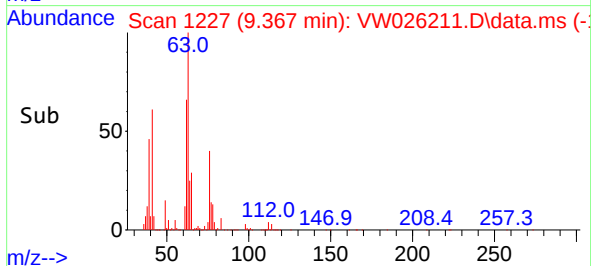
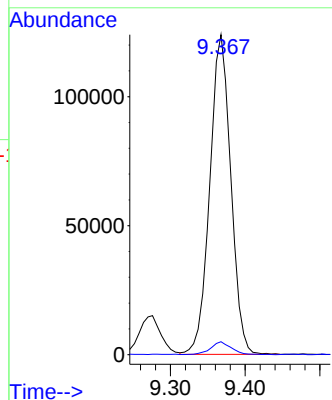
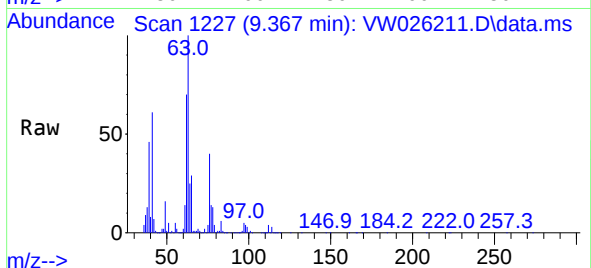
YBTX2MS

Tgt Ion: 63 Resp: 242275

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 22.371 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

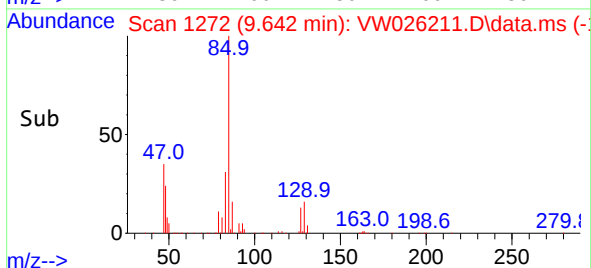
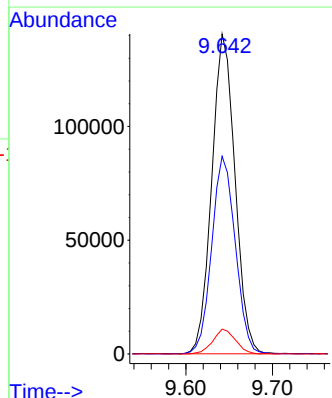
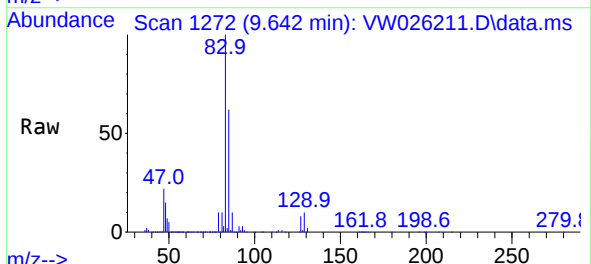
Tgt Ion: 83 Resp: 262074

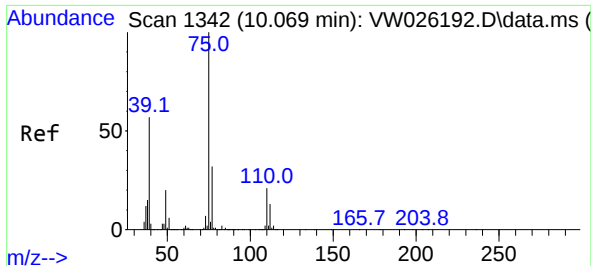
Ion Ratio Lower Upper

83 100

85 61.7 44.2 82.0

127 7.8 6.2 9.2

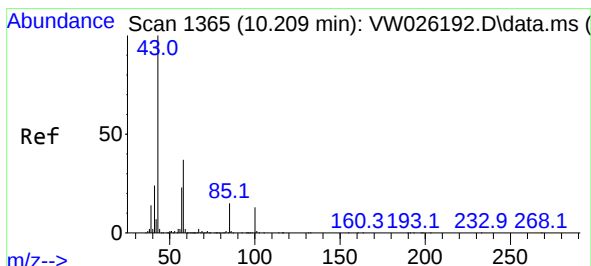
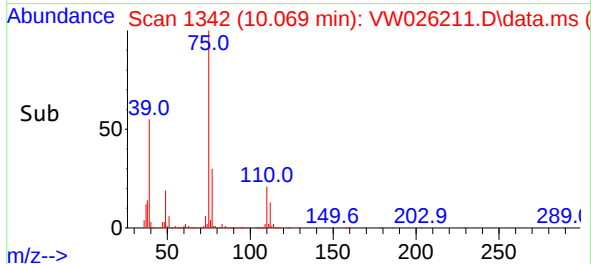
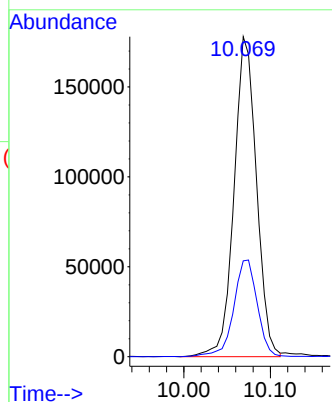
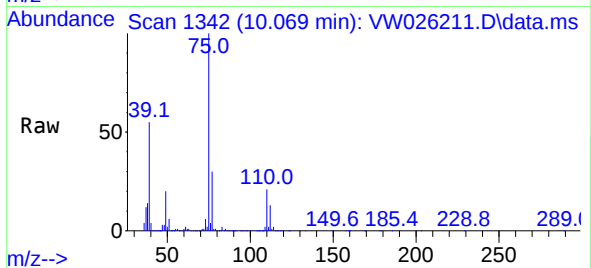




#39
cis-1,3-Dichloropropene
Concen: 21.605 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

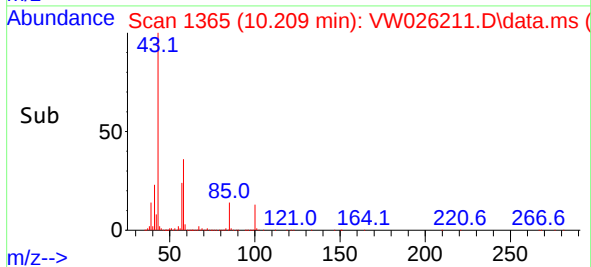
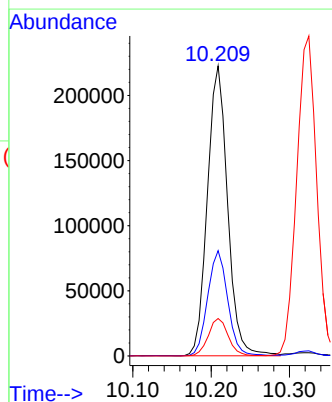
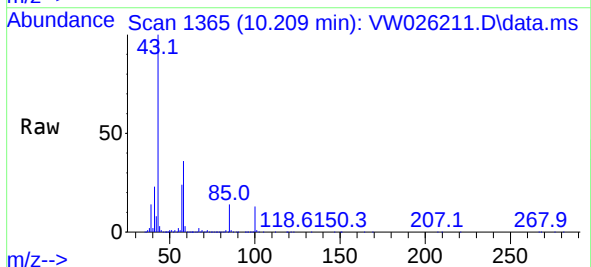
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

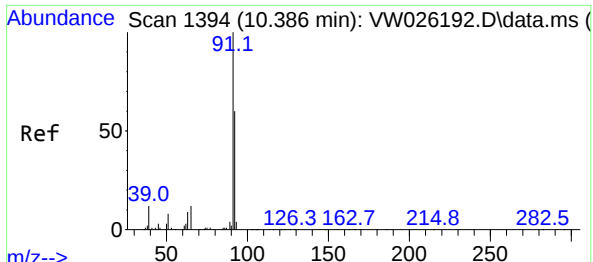
Tgt Ion: 75 Resp: 320147
Ion Ratio Lower Upper
75 100
77 30.0 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 67.145 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 43 Resp: 399173
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.4
100 12.8 10.5 15.7





#42

Toluene

Concen: 20.727 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Instrument :

MSVOA_W

ClientSampleId :

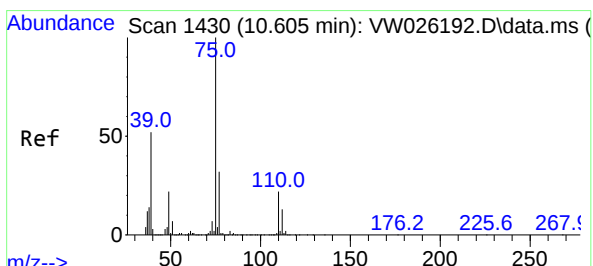
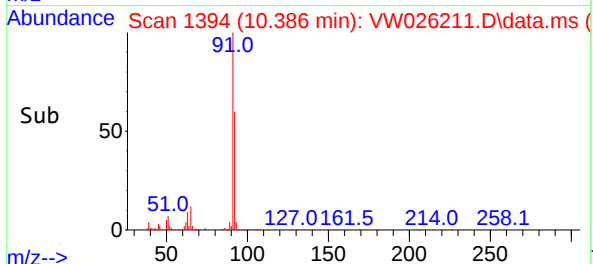
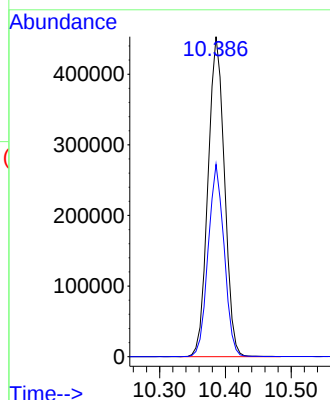
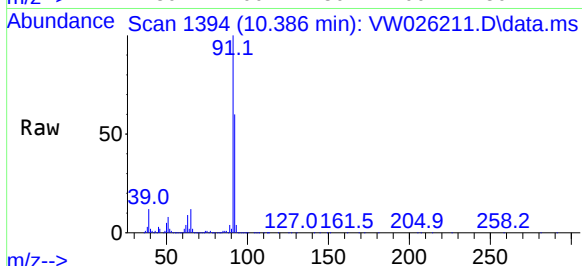
YBTX2MS

Tgt Ion: 91 Resp: 789235

Ion Ratio Lower Upper

91 100

92 60.1 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 22.386 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026211.D

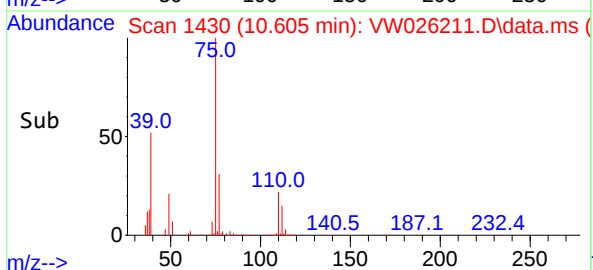
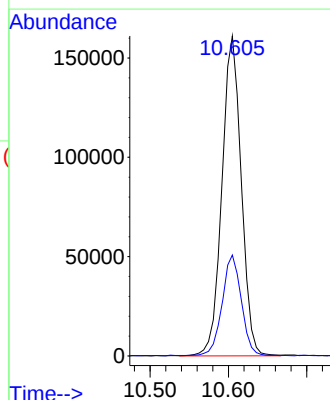
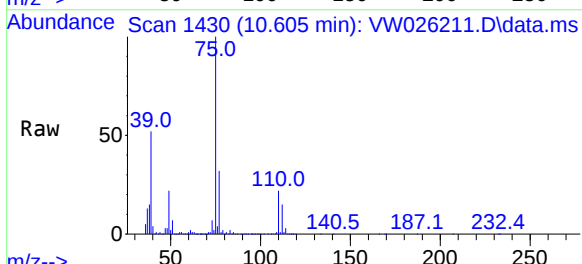
Acq: 15 Jun 2023 18:17

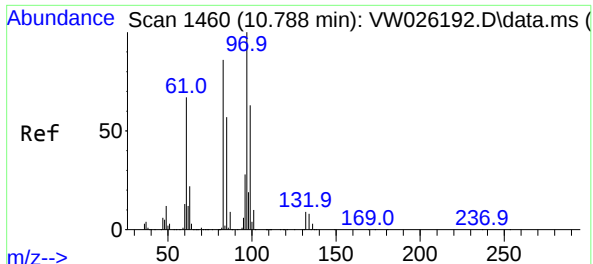
Tgt Ion: 75 Resp: 276360

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 25.588 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Instrument :

MSVOA_W

ClientSampleId :

YBTX2MS

Tgt Ion: 97 Resp: 170051

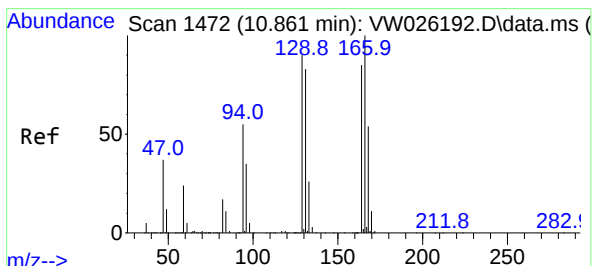
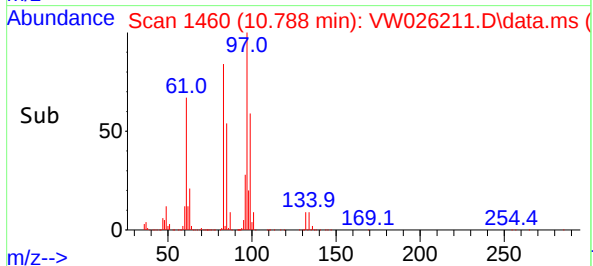
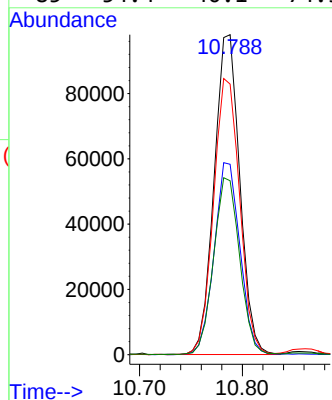
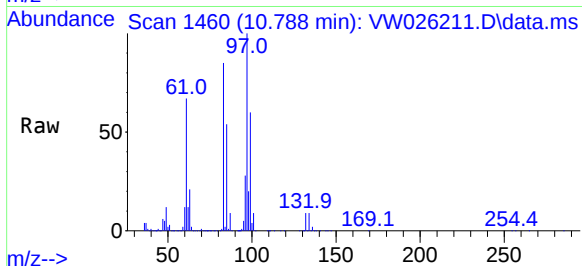
Ion Ratio Lower Upper

97 100

99 59.5 43.3 80.5

83 84.5 62.9 116.9

85 54.4 40.1 74.5



#46

Tetrachloroethene

Concen: 19.113 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Tgt Ion:164 Resp: 128875

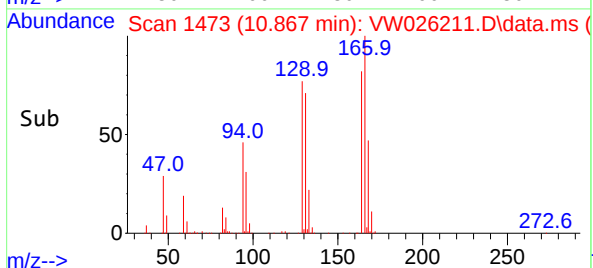
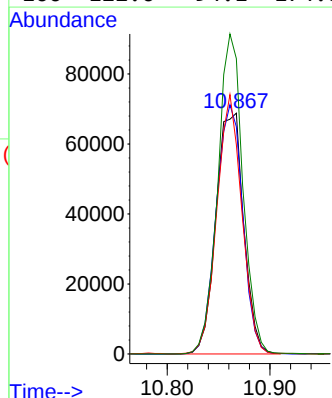
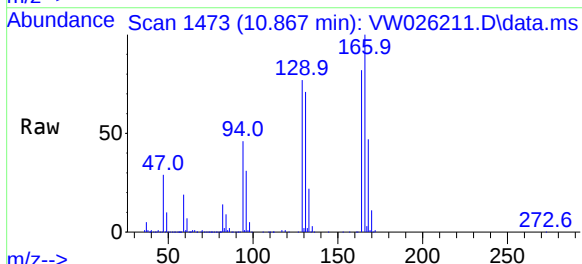
Ion Ratio Lower Upper

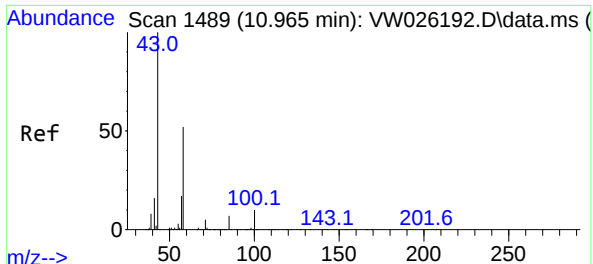
164 100

129 94.3 68.5 127.1

131 86.9 67.1 124.7

166 122.6 94.1 174.8





#48

2-Hexanone

Concen: 74.578 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026211.D

Acq: 15 Jun 2023 18:17

Instrument :

MSVOA_W

ClientSampleId :

YBTX2MS

Tgt Ion: 43 Resp: 312613

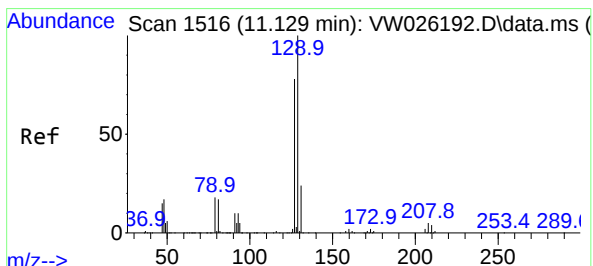
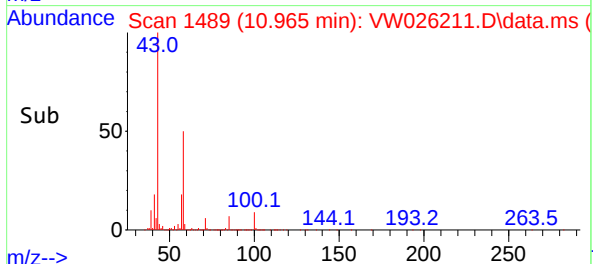
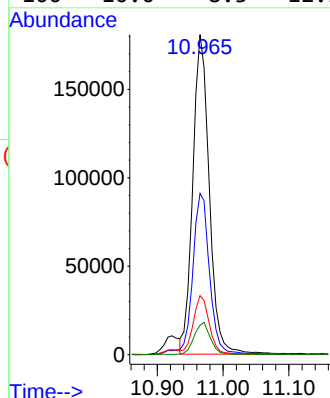
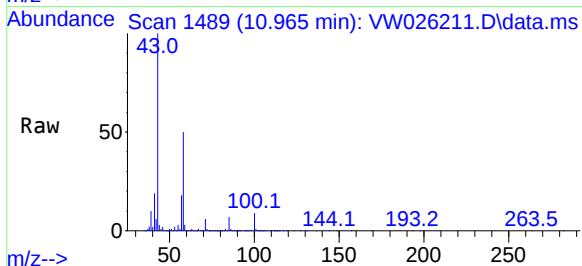
Ion Ratio Lower Upper

43 100

58 52.0 42.2 63.2

57 18.2 14.2 21.2

100 10.0 8.3 12.5



#49

Dibromochloromethane

Concen: 23.159 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW026211.D

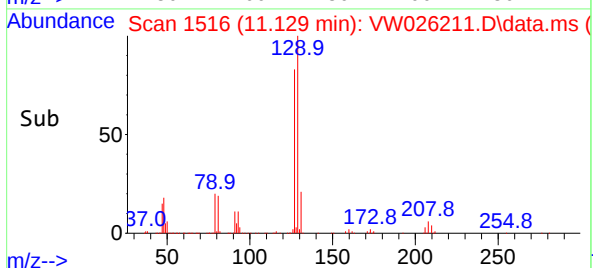
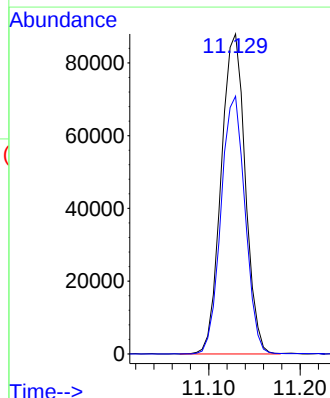
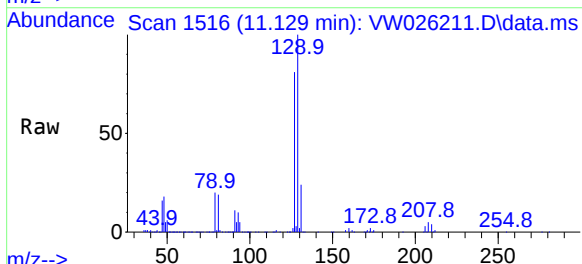
Acq: 15 Jun 2023 18:17

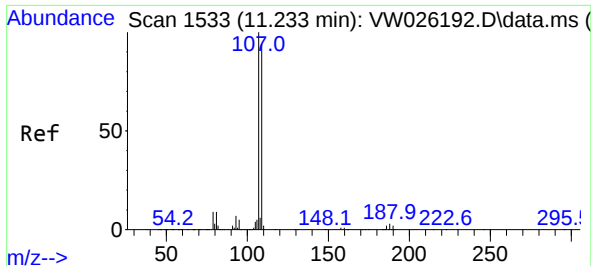
Tgt Ion: 129 Resp: 161364

Ion Ratio Lower Upper

129 100

127 80.5 56.9 105.7

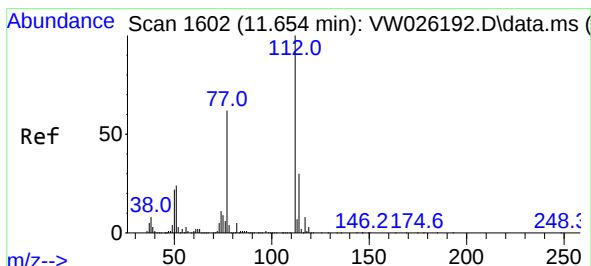
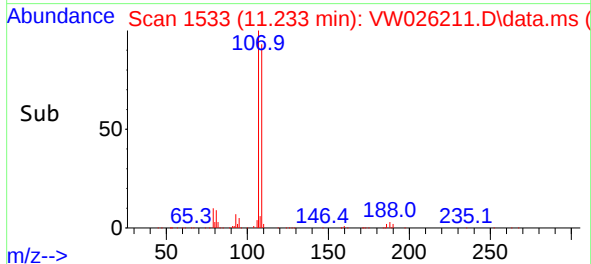
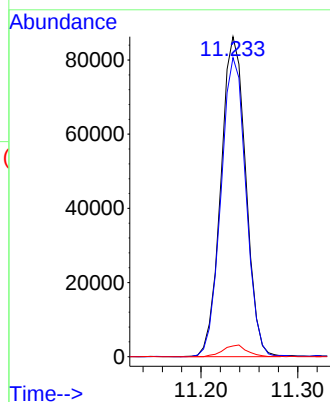
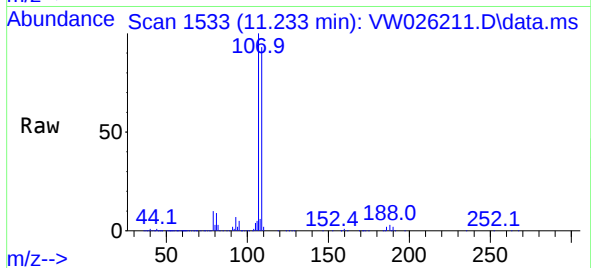




#50
1,2-Dibromoethane
Concen: 25.043 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

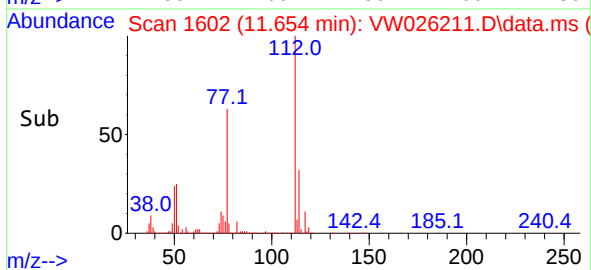
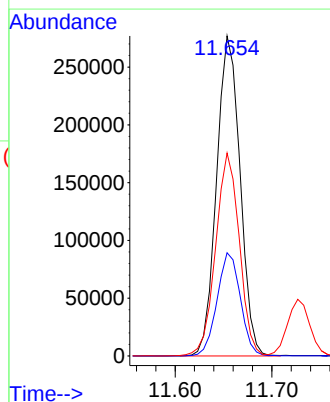
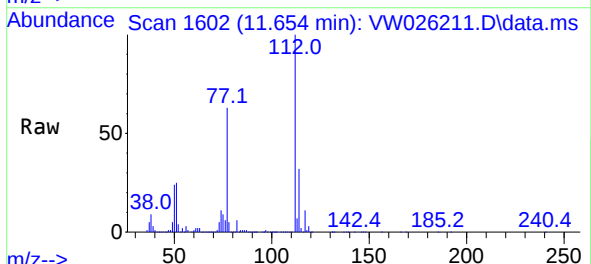
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

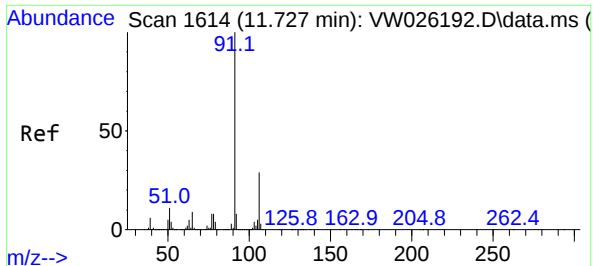
Tgt Ion:107 Resp: 154099
Ion Ratio Lower Upper
107 100
109 93.5 64.0 119.0
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 19.564 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:112 Resp: 466823
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.6
77 63.4 50.9 76.3

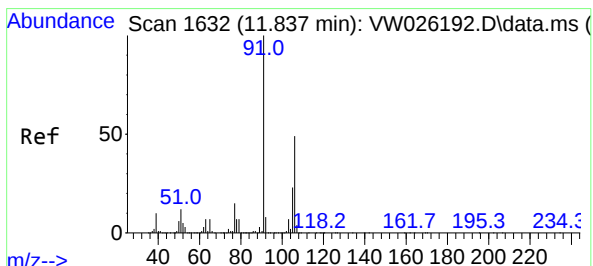
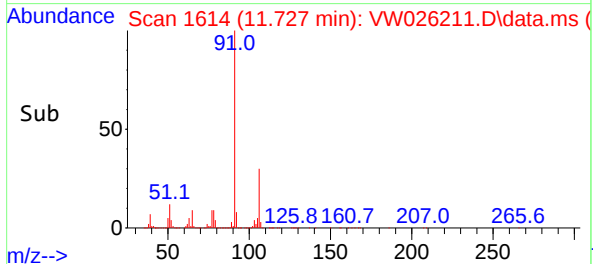
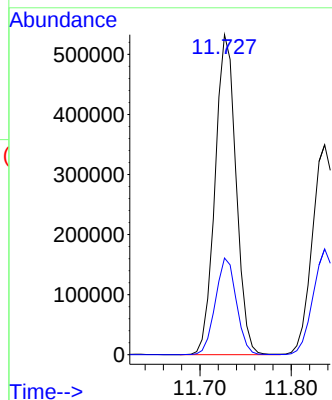
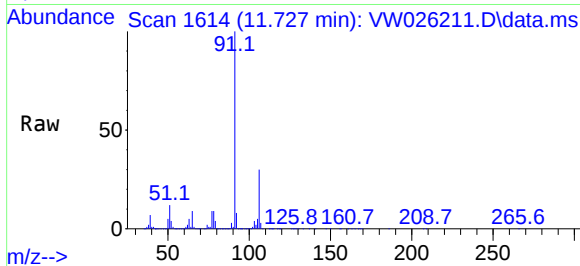




#52
Ethylbenzene
Concen: 19.788 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

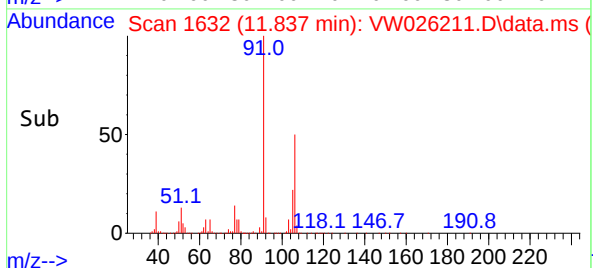
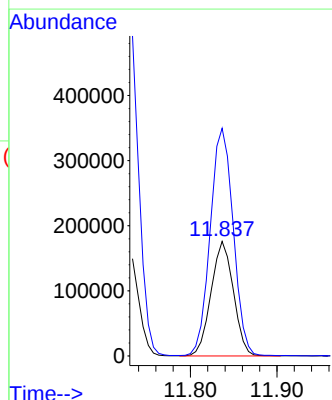
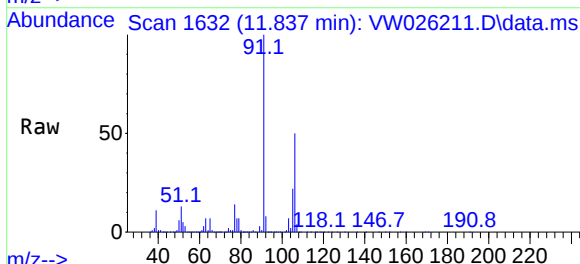
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

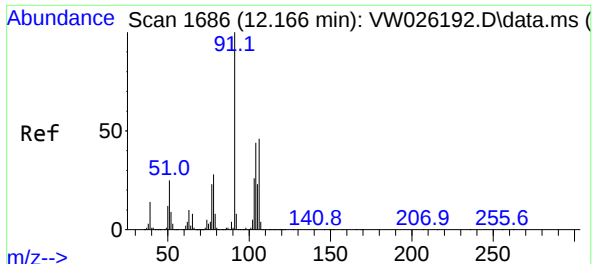
Tgt Ion: 91 Resp: 849996
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 19.712 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:106 Resp: 314994
Ion Ratio Lower Upper
106 100
91 198.5 149.5 277.7

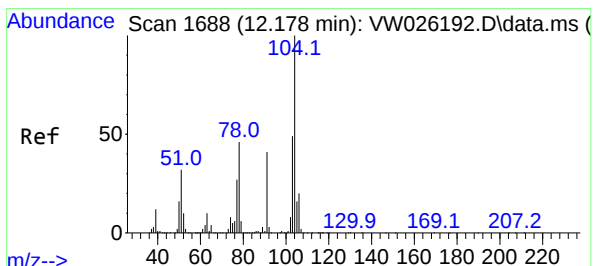
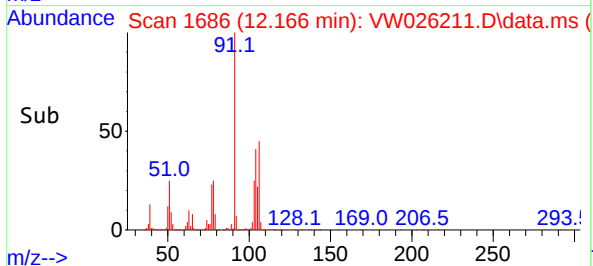
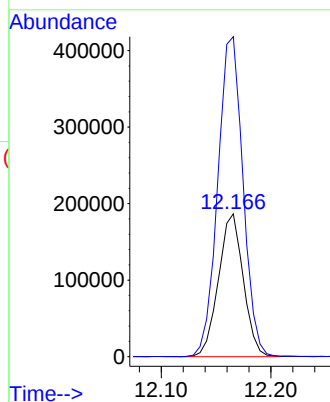
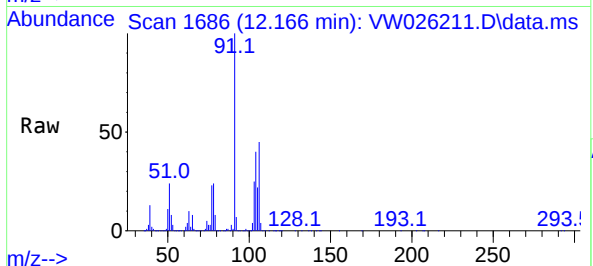




#54
o-Xylene
Concen: 19.434 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

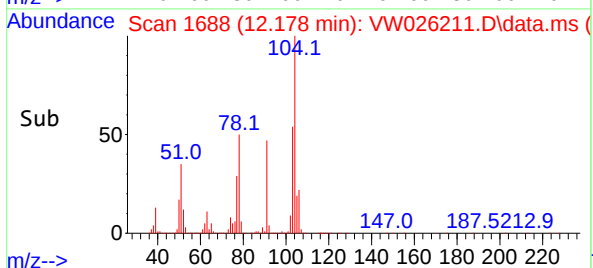
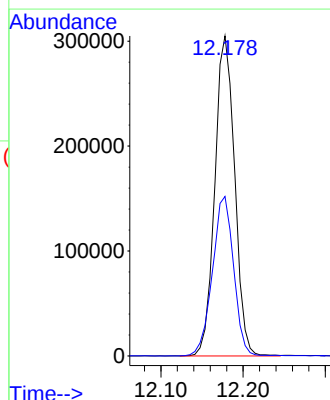
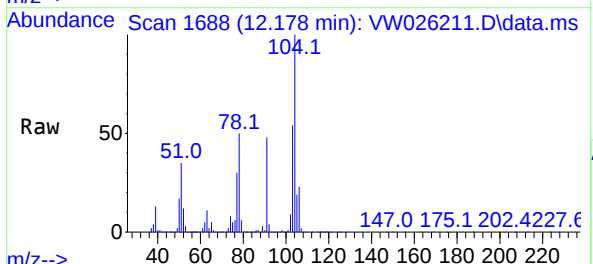
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

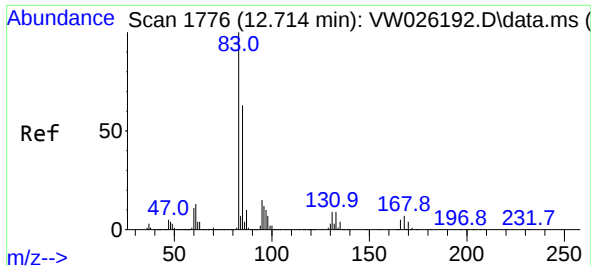
Tgt Ion:106 Resp: 293109
Ion Ratio Lower Upper
106 100
91 224.1 150.9 280.3



#55
Styrene
Concen: 19.754 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:104 Resp: 511119
Ion Ratio Lower Upper
104 100
78 49.8 32.6 60.6

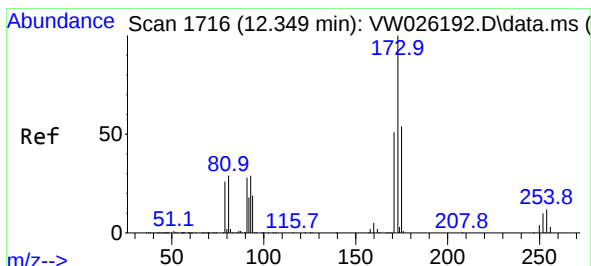
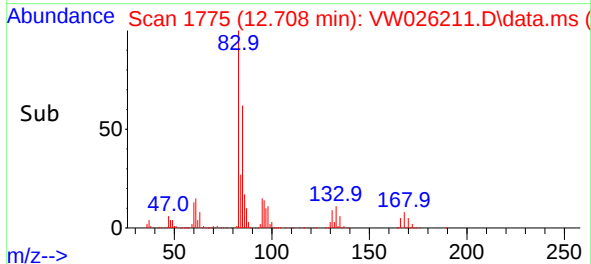
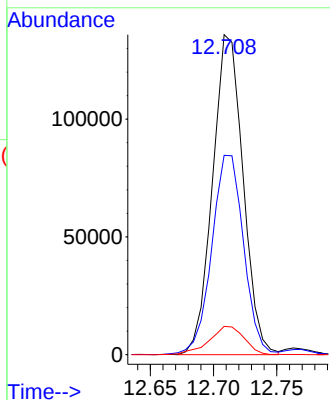
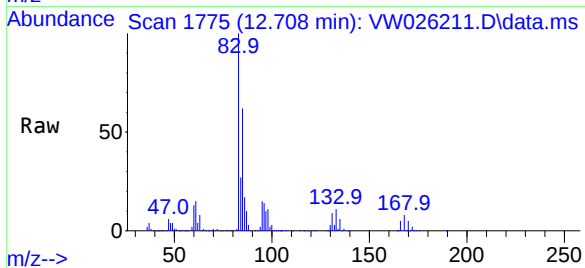




#57
1,1,2,2-Tetrachloroethane
Concen: 28.370 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

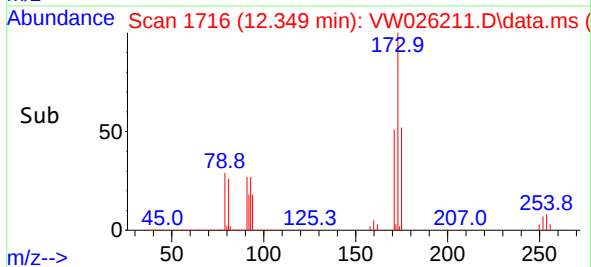
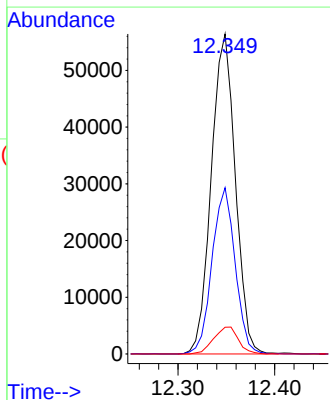
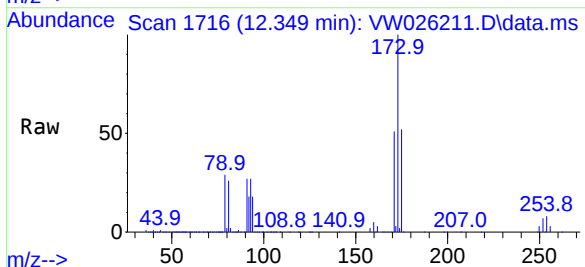
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

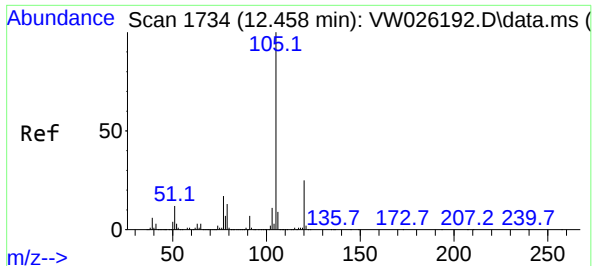
Tgt Ion: 83 Resp: 228173
Ion Ratio Lower Upper
83 100
85 62.3 42.6 79.0
131 8.9 7.2 10.8



#59
Bromoform
Concen: 27.510 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 173 Resp: 97562
Ion Ratio Lower Upper
173 100
175 49.9 38.6 57.8
254 8.6 7.4 11.0

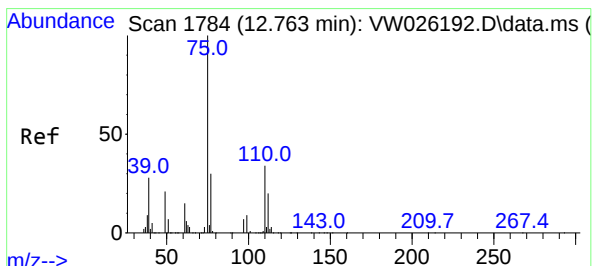
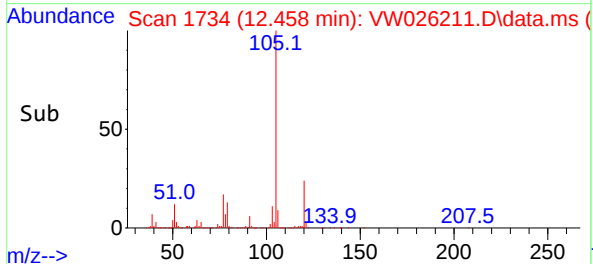
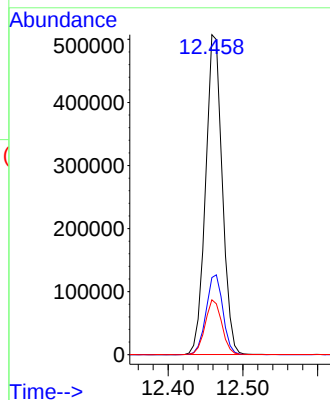
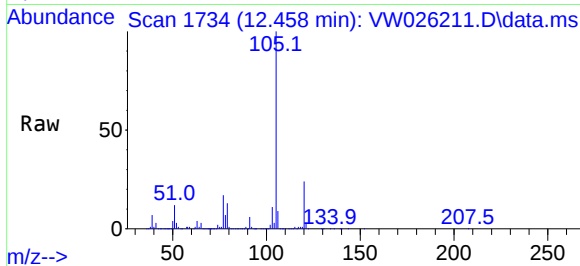




#60
Isopropylbenzene
Concen: 21.124 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

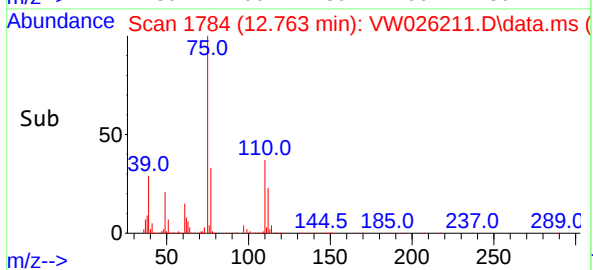
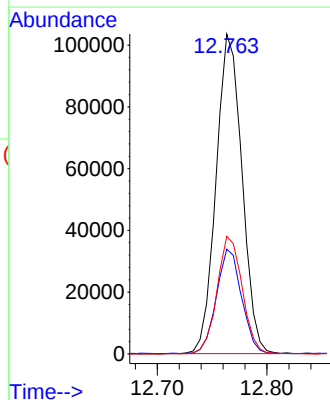
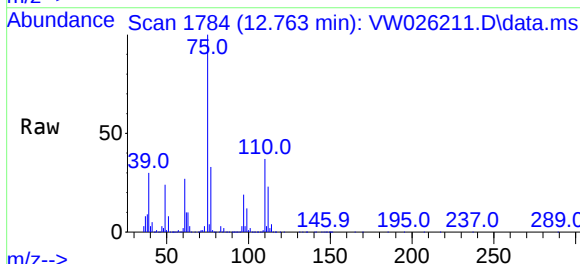
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

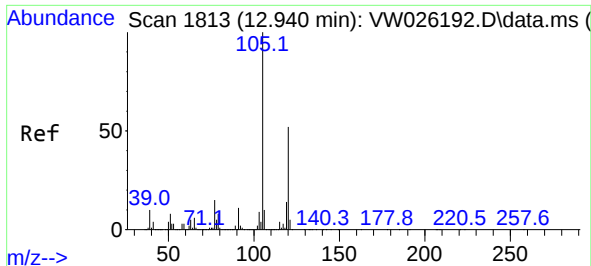
Tgt Ion:	105	Resp:	783552
Ion	Ratio	Lower	Upper
105	100		
120	25.2	19.8	29.8
77	17.2	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 32.179 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:	75	Resp:	170197
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
110	35.9	28.7	43.1

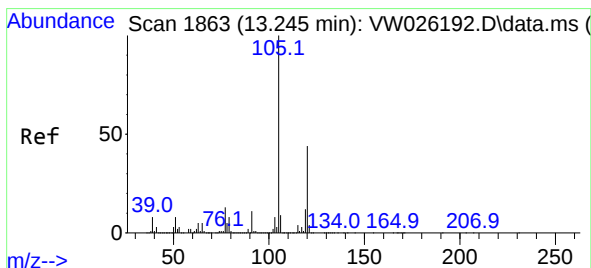
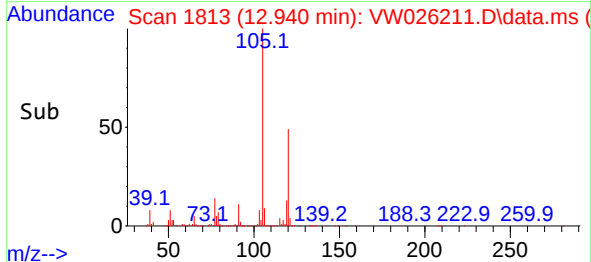
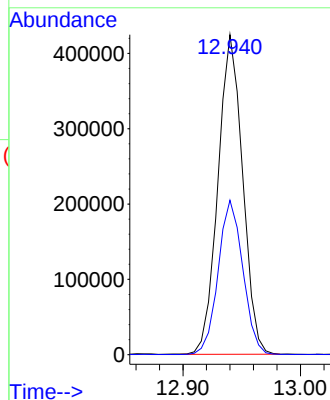
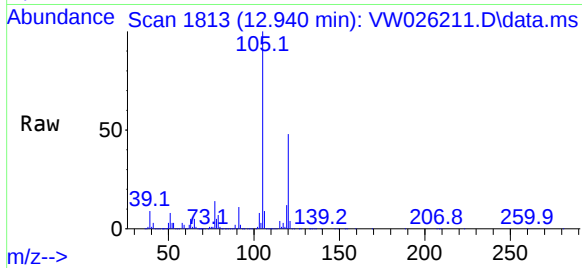




#62
1,3,5-Trimethylbenzene
Concen: 20.975 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

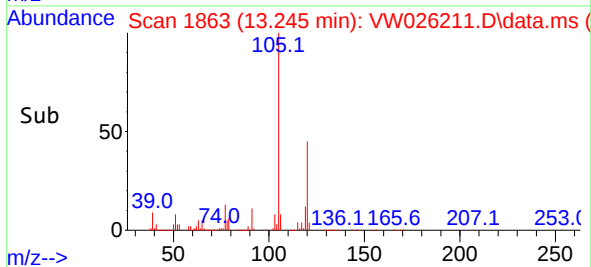
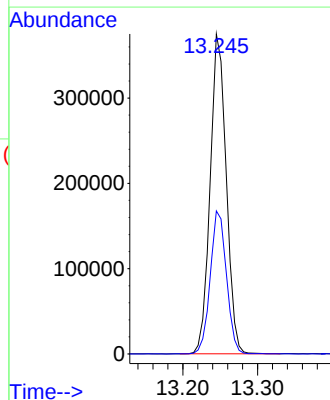
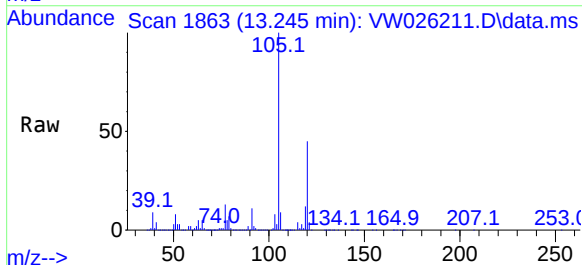
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

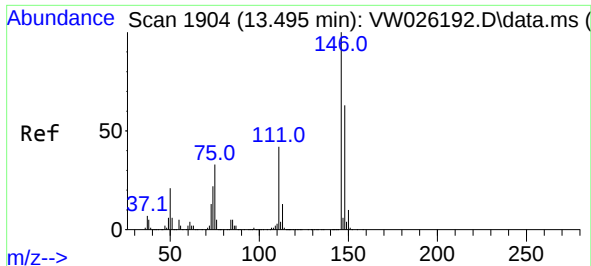
Tgt Ion:105 Resp: 618478
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 20.758 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:105 Resp: 560616
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2

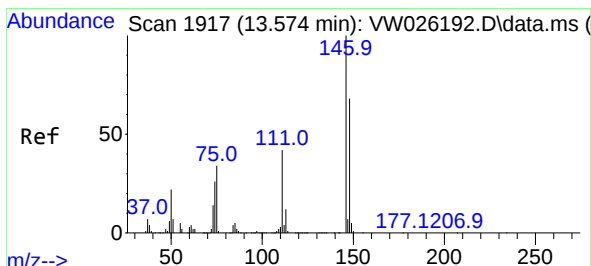
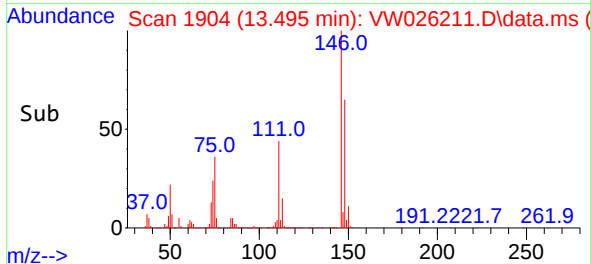
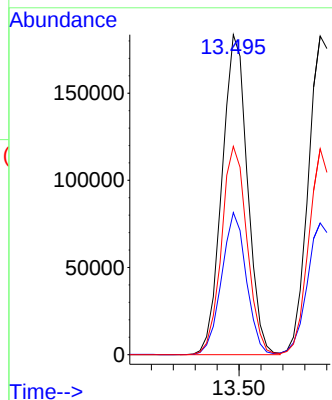
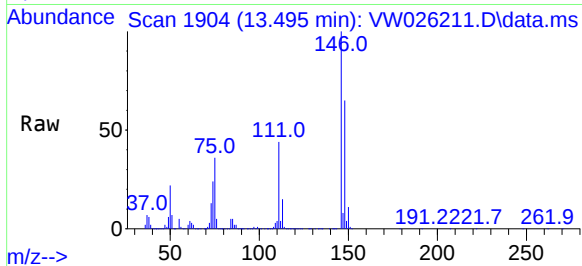




#64
1,3-Dichlorobenzene
Concen: 18.973 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

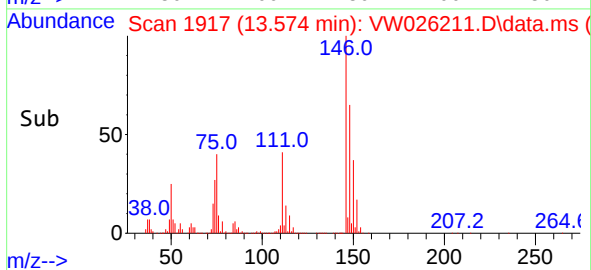
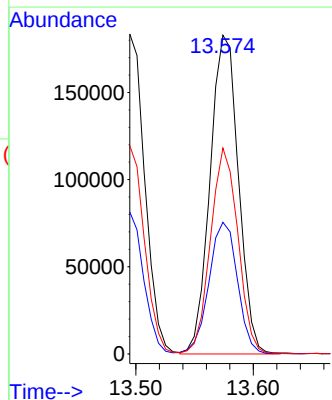
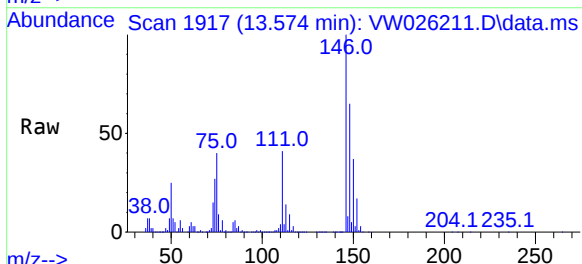
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

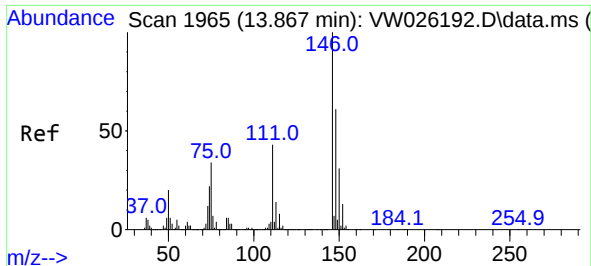
Tgt Ion:146 Resp: 295906
Ion Ratio Lower Upper
146 100
111 44.4 29.7 55.1
148 65.1 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 19.585 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:146 Resp: 307516
Ion Ratio Lower Upper
146 100
111 41.3 29.2 54.2
148 64.6 42.8 79.6

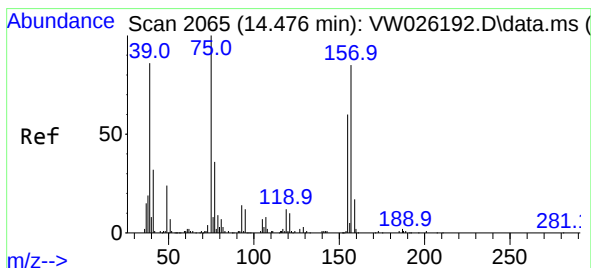
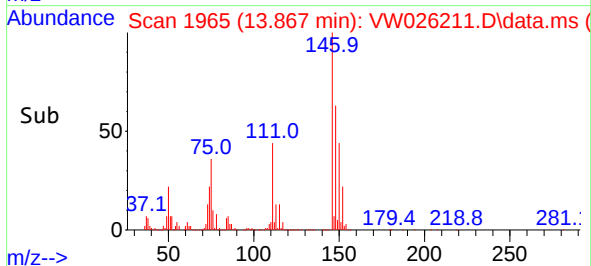
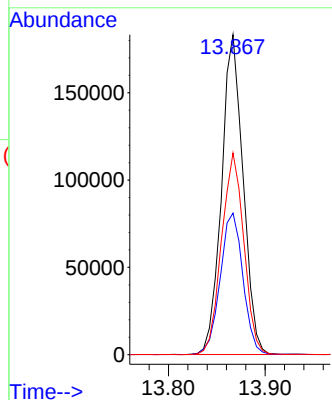
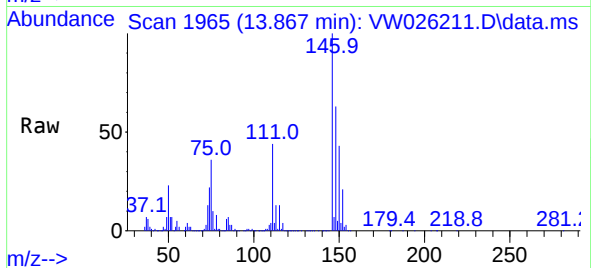




#67
1,2-Dichlorobenzene
Concen: 20.249 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

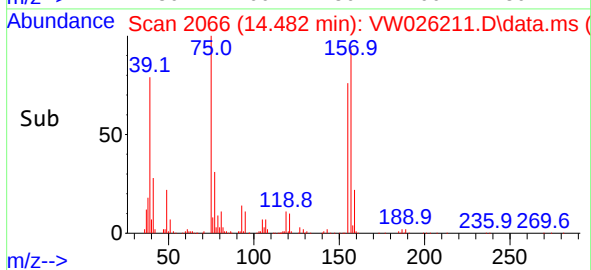
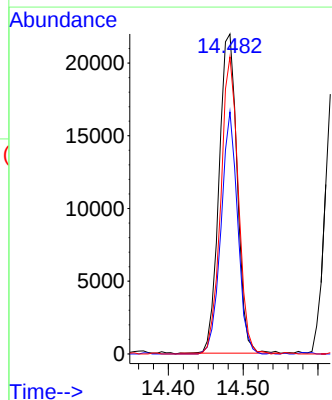
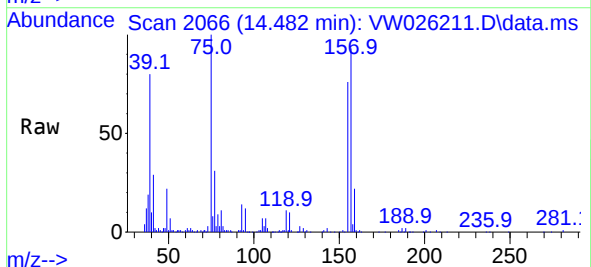
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

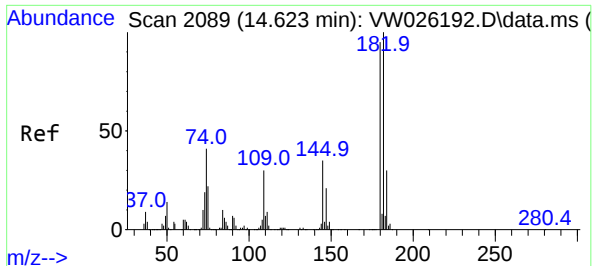
Tgt Ion:146 Resp: 283594
Ion Ratio Lower Upper
146 100
111 44.3 35.4 53.0
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 30.277 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion: 75 Resp: 37101
Ion Ratio Lower Upper
75 100
155 75.6 59.0 88.6
157 92.8 71.7 107.5

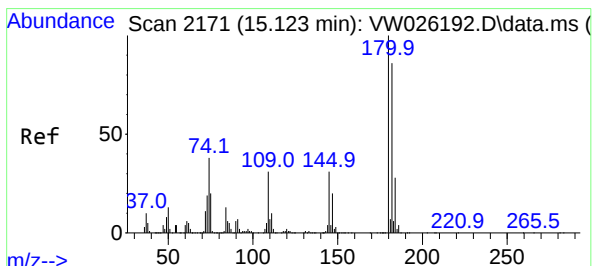
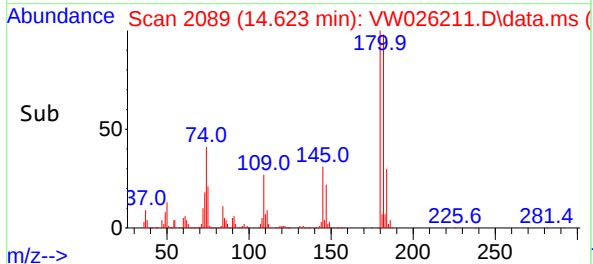
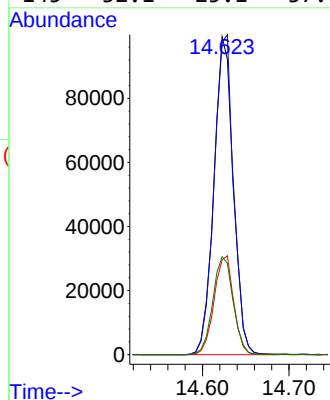
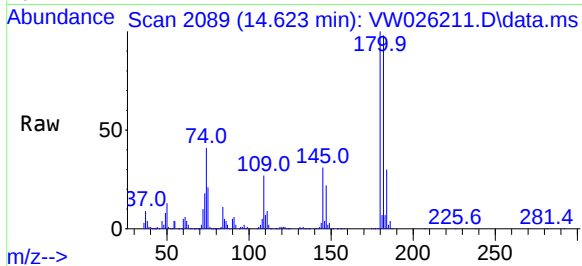




#69
1,3,5-Trichlorobenzene
Concen: 14.431 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

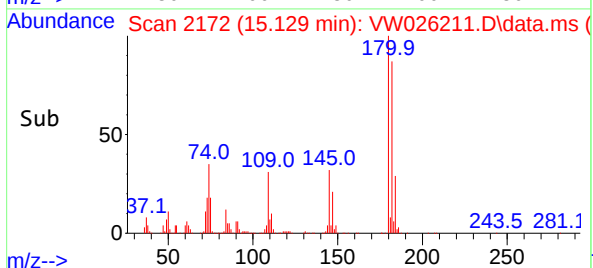
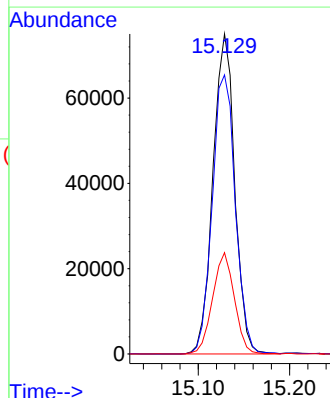
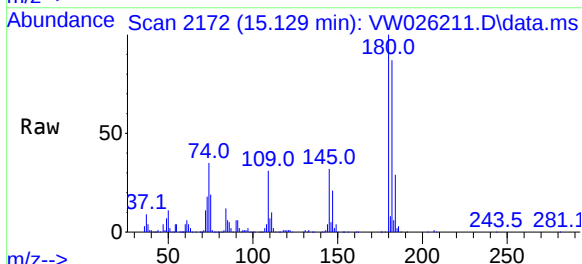
Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

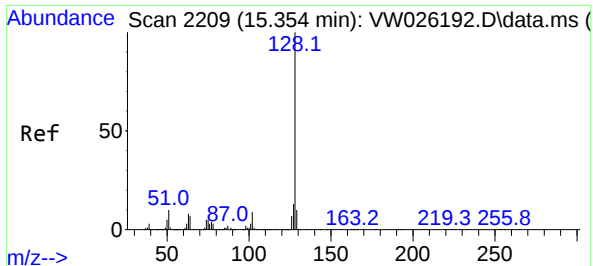
Tgt Ion:	180	Resp:	154610
Ion Ratio	Lower	Upper	
180	100		
182	100.7	77.0	115.4
184	31.3	23.7	35.5
145	32.1	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 14.010 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:	180	Resp:	123848
Ion Ratio	Lower	Upper	
180	100		
182	92.6	78.9	118.3
145	31.7	27.2	40.8

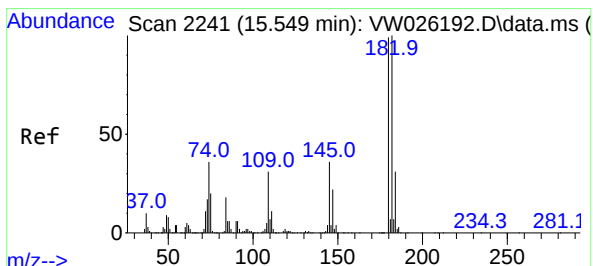
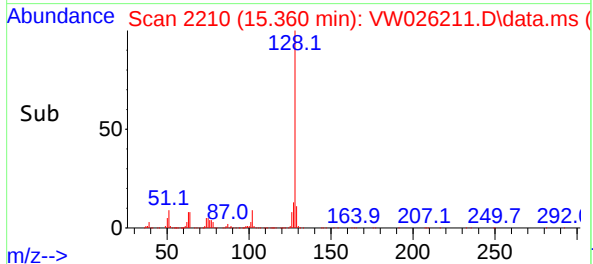
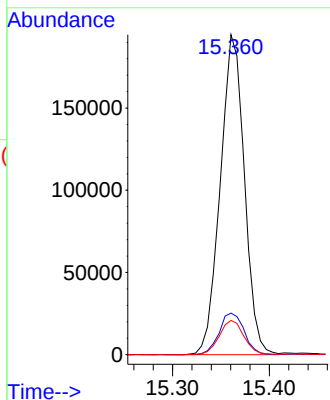
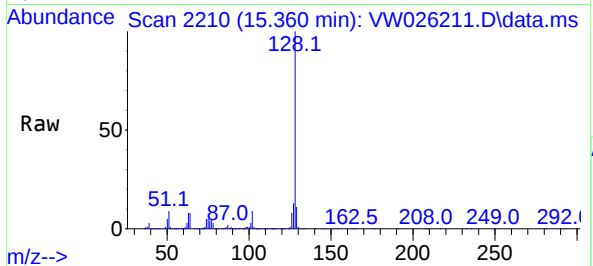




#71
Naphthalene
Concen: 21.383 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Instrument :
MSVOA_W
ClientSampleId :
YBTX2MS

Tgt Ion:128 Resp: 336898
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 16.392 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026211.D
Acq: 15 Jun 2023 18:17

Tgt Ion:180 Resp: 126646
Ion Ratio Lower Upper
180 100
182 91.1 76.3 114.5
145 32.9 27.0 40.6

