

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025459.D
 Acq On : 21 Mar 2023 11:29
 Operator : SY/MD
 Sample : 01979-18MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC8MS

Quant Time: Mar 22 01:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 22 01:30:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	939066	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	846795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	415874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	260459	16.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.720%
7) Chloroethane-d5	2.899	69	206379	18.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.480%
11) 1,1-Dichloroethene-d2	4.027	63	568120	18.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	7.075	46	205095	53.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.020%
24) Chloroform-d	7.648	84	564077	20.836	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.360%
26) 1,2-Dichloroethane-d4	8.306	65	320991	22.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.276	84	1121597	19.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.520%
36) 1,2-Dichloropropane-d6	9.276	67	372341	20.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	10.324	98	993271	19.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.880%
43) trans-1,3-Dichloroprop...	10.580	79	153507	21.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.160%
47) 2-Hexanone-d5	10.922	63	147887	57.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	317273	24.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	306434	19.814	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	201183	18.746	ug/L	98
3) Chloromethane	2.228	50	283615	22.221	ug/L	99
5) Vinyl chloride	2.375	62	312771	21.690	ug/L	99
6) Bromomethane	2.789	94	166698	21.683	ug/L	93
8) Chloroethane	2.935	64	187064	22.571	ug/L	96
9) Trichlorofluoromethane	3.271	101	245721	19.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	268660	22.197	ug/L	96
12) 1,1-Dichloroethene	4.045	96	254173	21.705	ug/L	86
13) Acetone	4.118	43	239757	65.076	ug/L	99
14) Carbon disulfide	4.392	76	795509	21.849	ug/L	98
16) Methylene chloride	4.923	84	287606	21.995	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	269321	21.939	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	484935	26.239	ug/L	99
19) 1,1-Dichloroethane	6.221	63	570499	22.442	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	305130	22.702	ug/L	95
22) 2-Butanone	7.172	43	240469	50.455	ug/L	99
23) Bromochloromethane	7.514	128	130899	22.648	ug/L	91
25) Chloroform	7.678	83	536135	22.435	ug/L	99
27) 1,2-Dichloroethane	8.398	62	387670	24.308	ug/L	99

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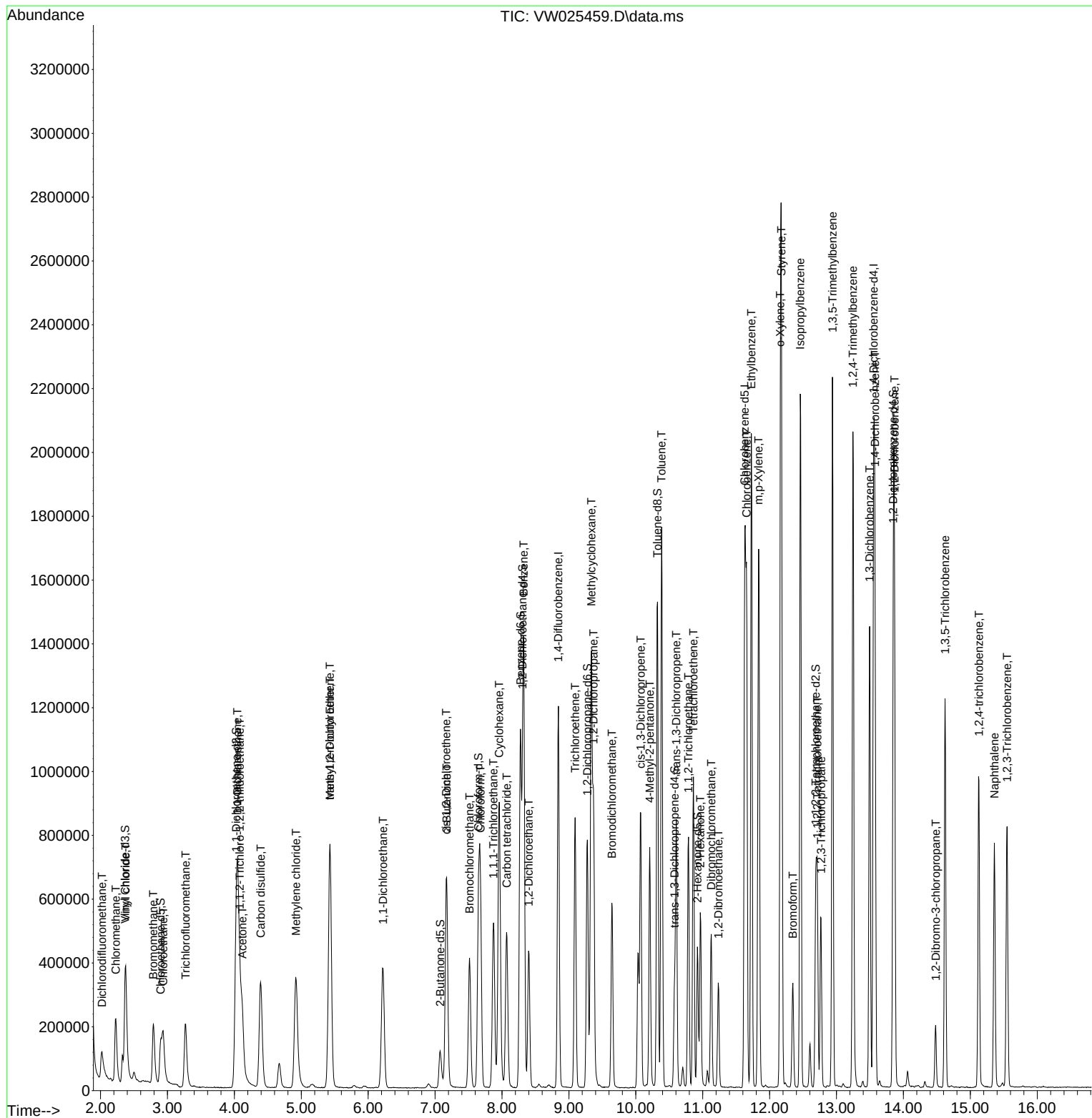
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	530028	22.174	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	420404	20.884	ug/L	99
31) Carbon tetrachloride	8.069	117	373245	20.685	ug/L	100
33) Benzene	8.325	78	1192617	22.029	ug/L	100
34) Trichloroethene	9.093	95	296016	20.832	ug/L	98
35) Methylcyclohexane	9.337	83	521501	21.305	ug/L	99
37) 1,2-Dichloropropane	9.367	63	337078	22.619	ug/L	99
38) Bromodichloromethane	9.642	83	387178	22.277	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	507271	23.628	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	512003	57.163	ug/L	99
42) Toluene	10.385	91	1239549	22.175	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	431471	23.999	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	236915	23.673	ug/L	97
46) Tetrachloroethene	10.861	164	208326	20.605	ug/L	99
48) 2-Hexanone	10.964	43	362161	56.200	ug/L	100
49) Dibromochloromethane	11.129	129	246557	23.057	ug/L	99
50) 1,2-Dibromoethane	11.233	107	220782	23.833	ug/L	99
51) Chlorobenzene	11.653	112	756432	21.322	ug/L	99
52) Ethylbenzene	11.727	91	1397026	21.913	ug/L	96
53) m,p-Xylene	11.836	106	517709	22.017	ug/L	96
54) o-Xylene	12.159	106	490971	22.189	ug/L	95
55) Styrene	12.178	104	791785	20.955	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	305105	24.508	ug/L	99
59) Bromoform	12.348	173	139263	23.210	ug/L	99
60) Isopropylbenzene	12.458	105	1370174	22.101	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	224190	24.743	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1111437	22.636	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1106310	22.872	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	539947	20.554	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	568696	21.105	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	498478	21.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	50349	24.003	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	335654	18.796	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	281500	19.013	ug/L	95
71) Naphthalene	15.360	128	603654	20.655	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	253531	19.065	ug/L	99

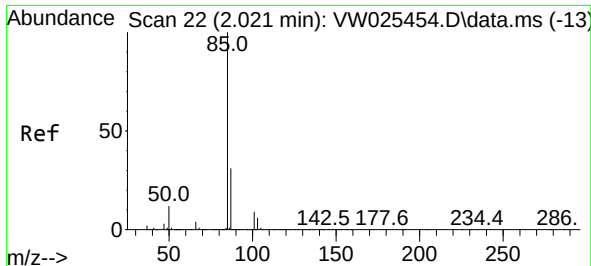
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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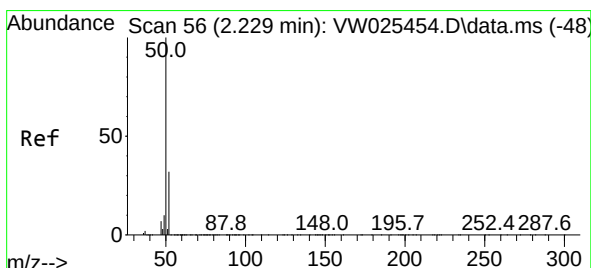
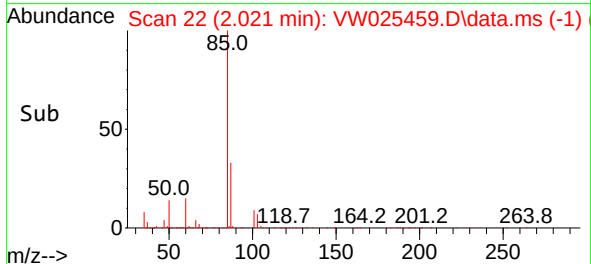
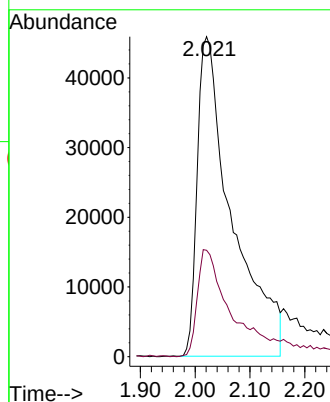
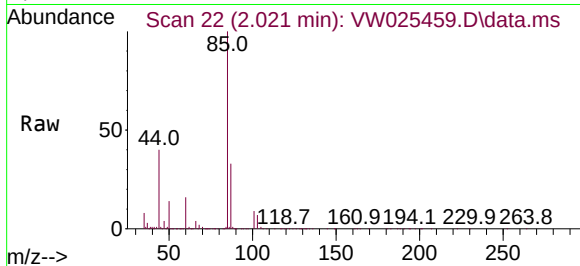




#2
Dichlorodifluoromethane
Concen: 18.746 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

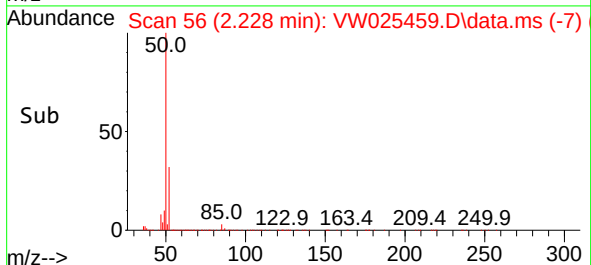
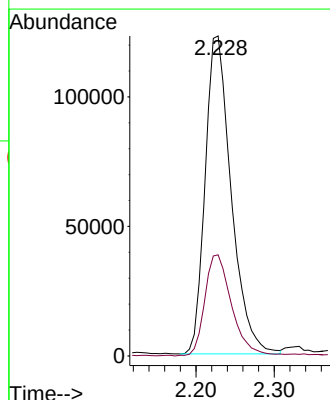
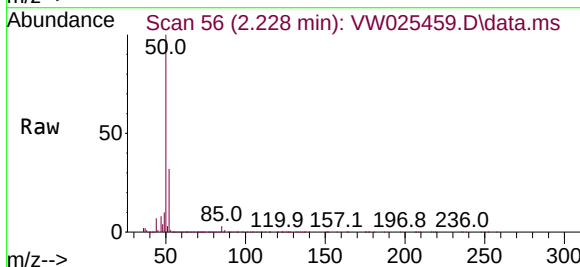
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

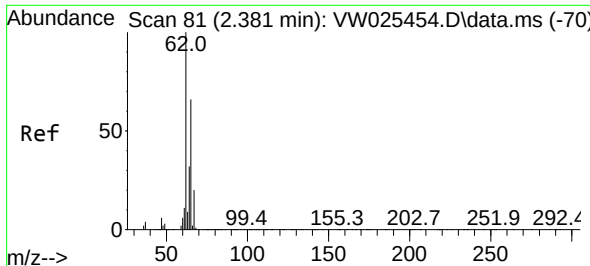
Tgt Ion: 85 Resp: 201183
Ion Ratio Lower Upper
85 100
87 24.7 20.5 30.7



#3
Chloromethane
Concen: 22.221 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 50 Resp: 283615
Ion Ratio Lower Upper
50 100
52 31.6 21.9 40.7

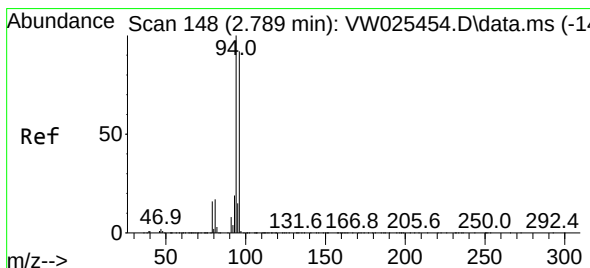
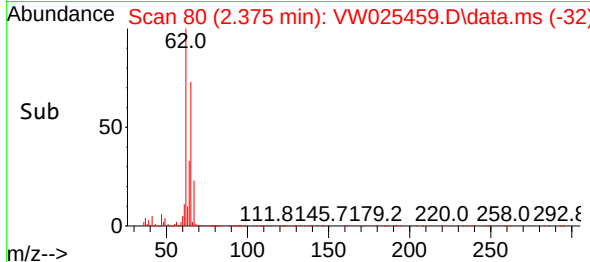
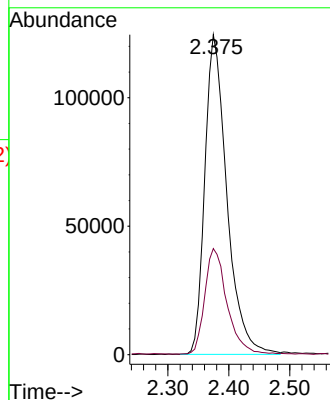
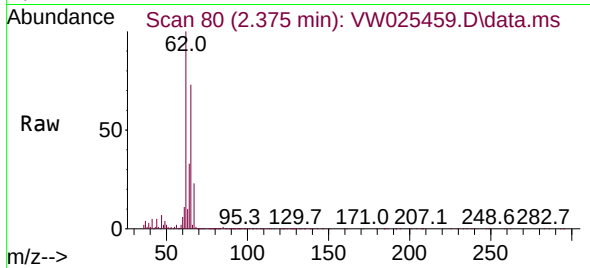




#5
 Vinyl chloride
 Concen: 21.690 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025459.D
 Acq: 21 Mar 2023 11:29

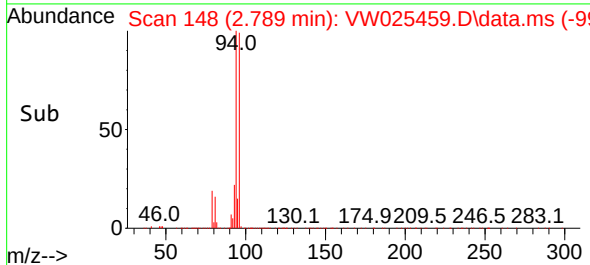
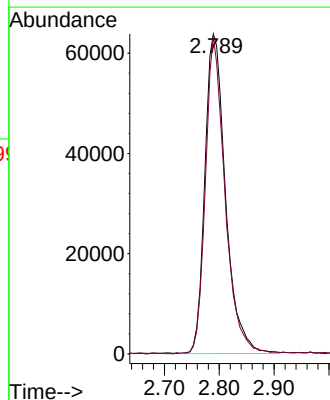
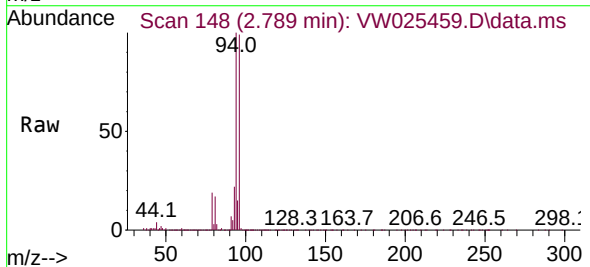
Instrument :
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 ClientSampleId :
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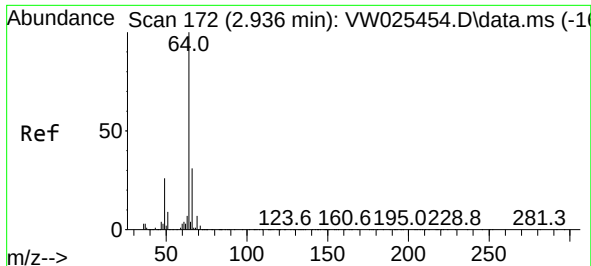
Tgt Ion: 62 Resp: 312771
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 21.683 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025459.D
 Acq: 21 Mar 2023 11:29

Tgt Ion: 94 Resp: 166698
 Ion Ratio Lower Upper
 94 100
 96 99.2 64.5 119.9

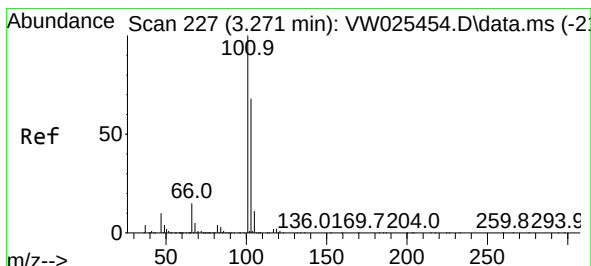
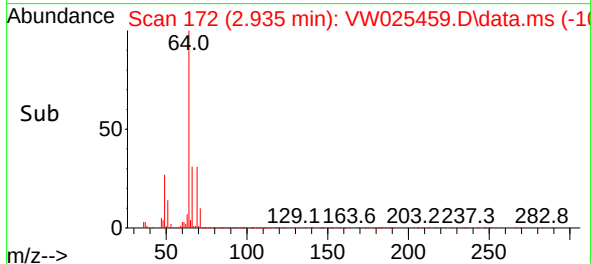
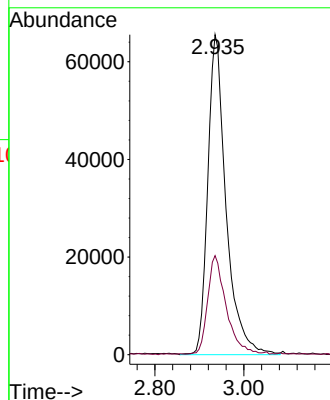
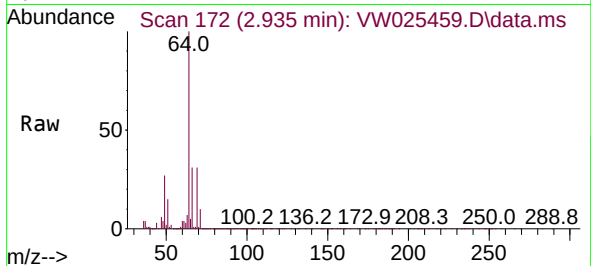




#8
Chloroethane
Concen: 22.571 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

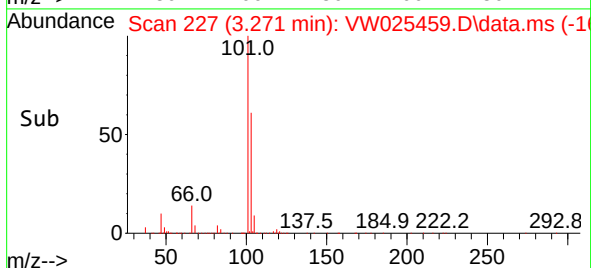
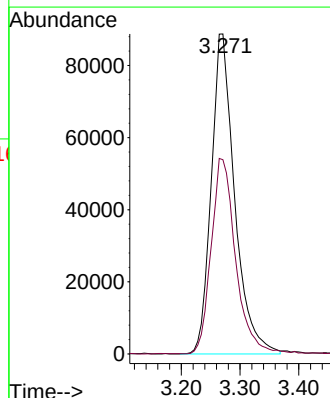
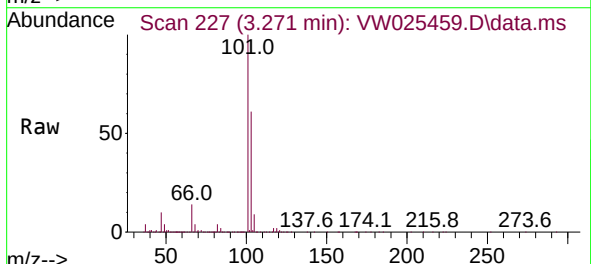
Instrument :
MSVOA_W
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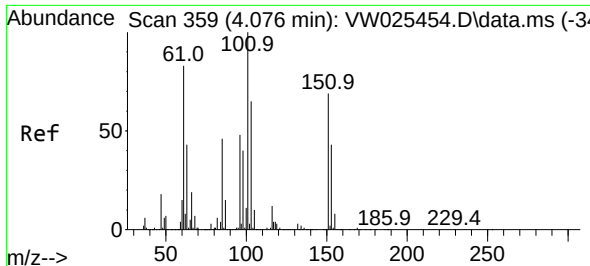
Tgt Ion: 64 Resp: 187064
Ion Ratio Lower Upper
64 100
66 30.9 23.3 43.3



#9
Trichlorofluoromethane
Concen: 19.688 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 101 Resp: 245721
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

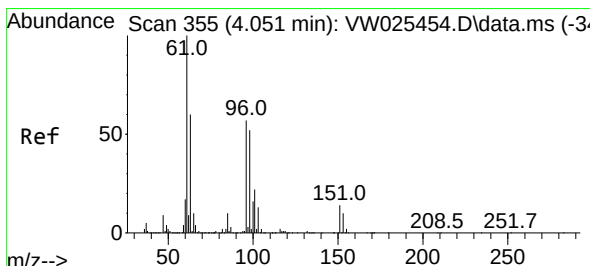
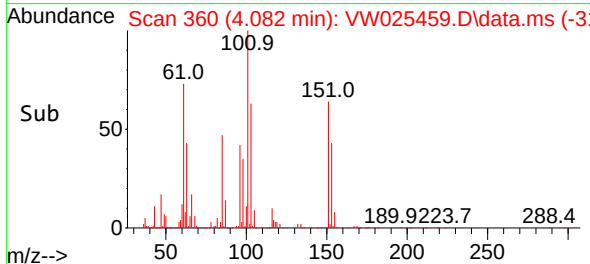
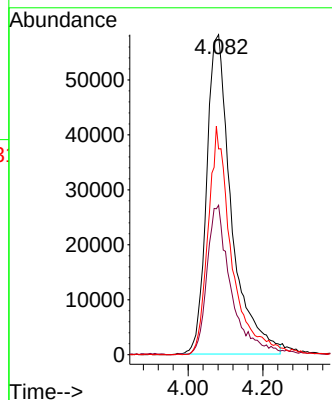
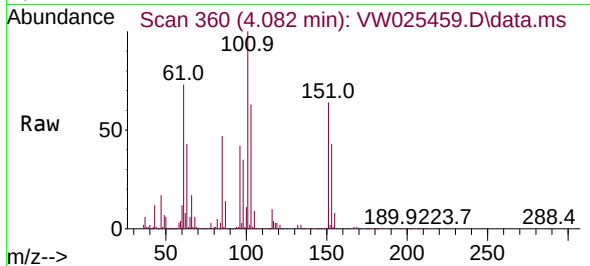




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.197 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

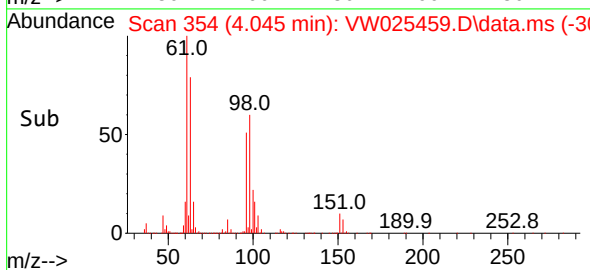
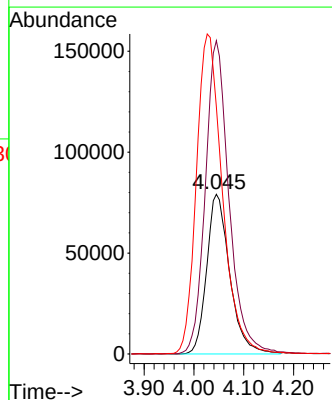
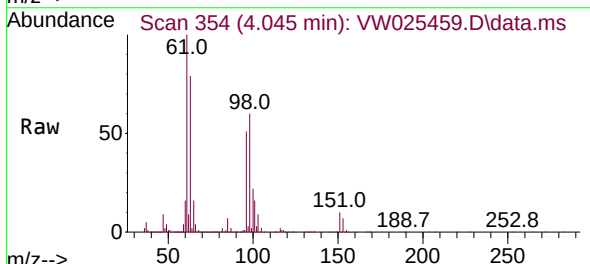
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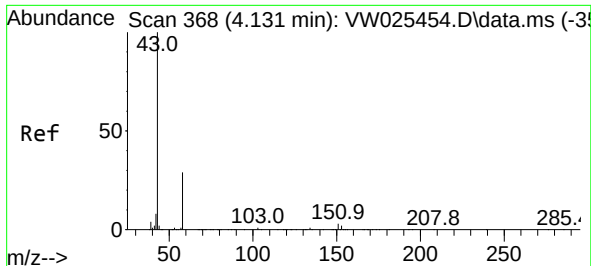
Tgt Ion:101 Resp: 268660
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.8
151 63.6 54.2 81.2



#12
1,1-Dichloroethene
Concen: 21.705 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 96 Resp: 254173
Ion Ratio Lower Upper
96 100
61 196.1 130.7 242.7
63 154.8 88.3 164.1

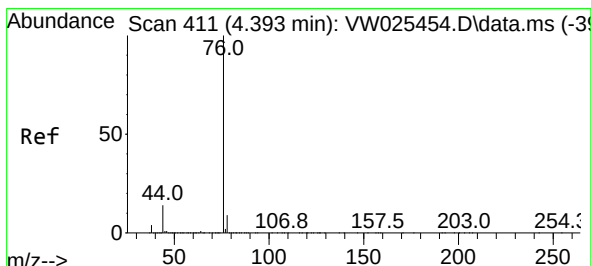
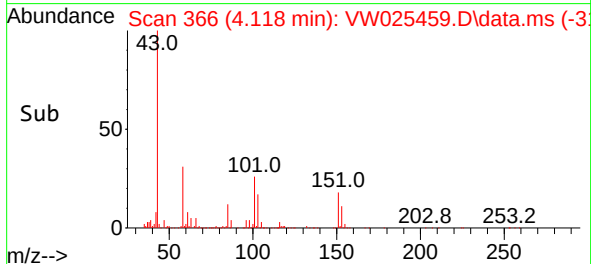
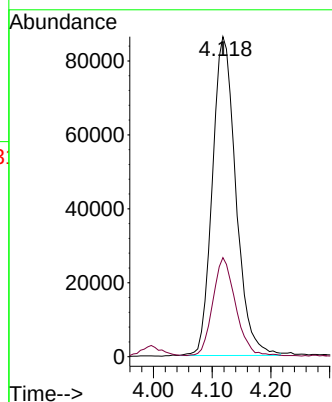
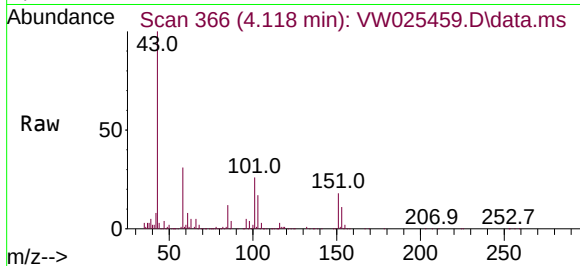




#13
Acetone
Concen: 65.076 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.013 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

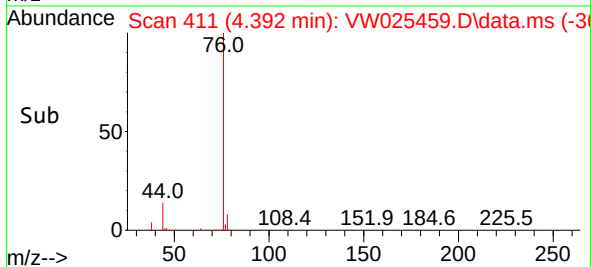
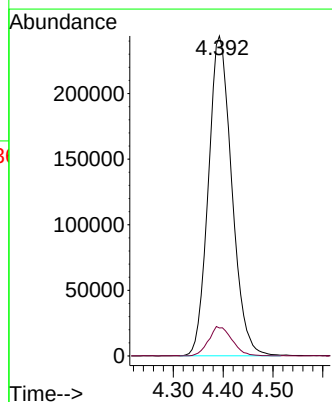
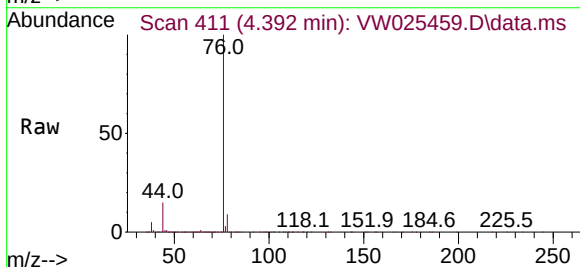
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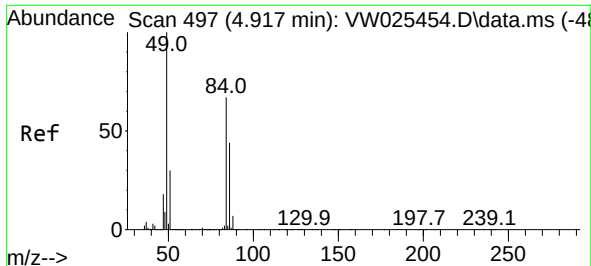
Tgt Ion: 43 Resp: 239757
Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.0



#14
Carbon disulfide
Concen: 21.849 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025459.D
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Tgt Ion: 76 Resp: 795509
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

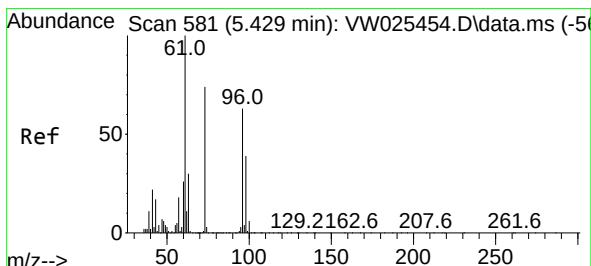
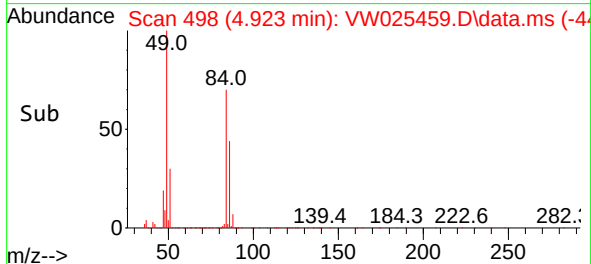
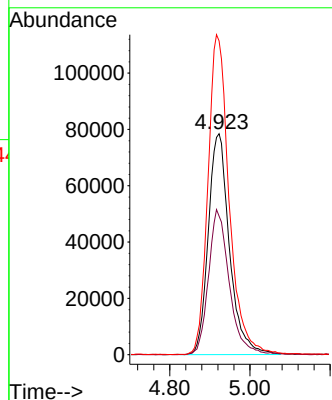
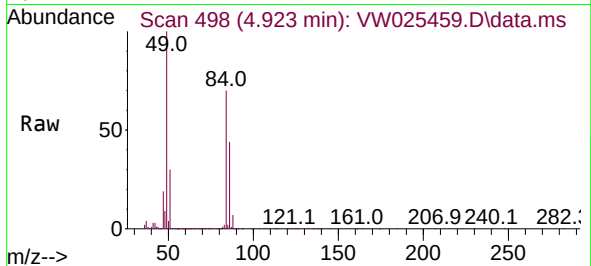




#16
Methylene chloride
Concen: 21.995 ug/L
RT: 4.923 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

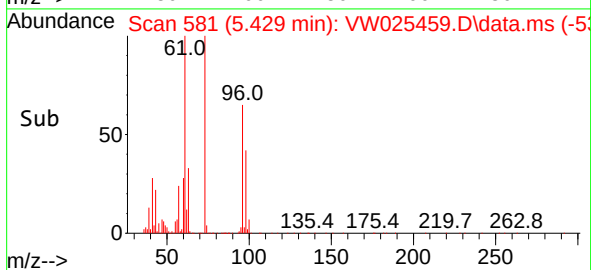
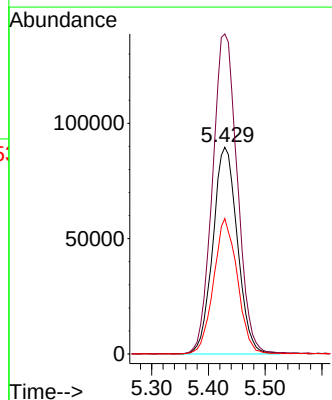
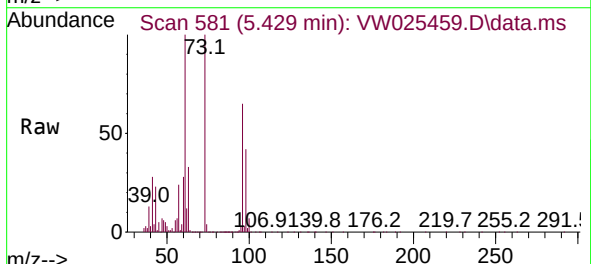
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

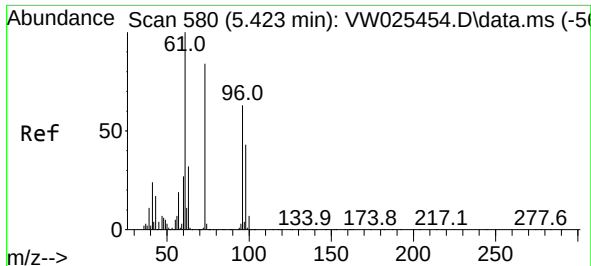
Tgt Ion: 84 Resp: 287606
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.7
49 142.0 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 21.939 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 96 Resp: 269321
Ion Ratio Lower Upper
96 100
61 154.8 103.0 191.4
98 65.5 43.4 80.6

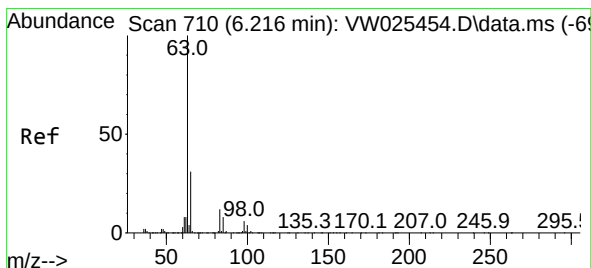
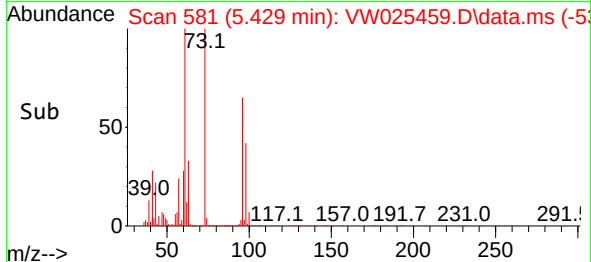
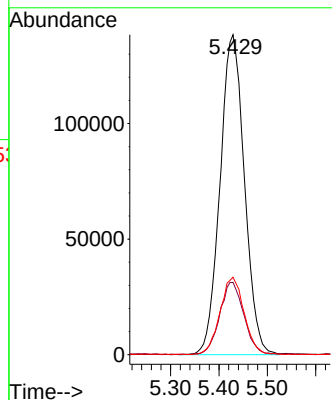
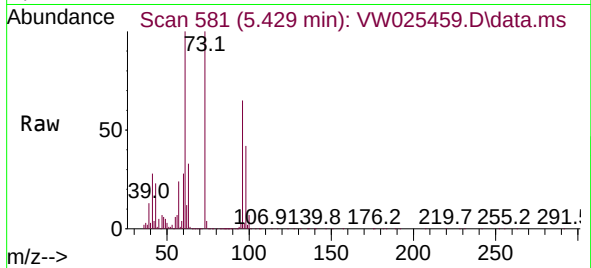




#18
Methyl tert-butyl Ether
Concen: 26.239 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

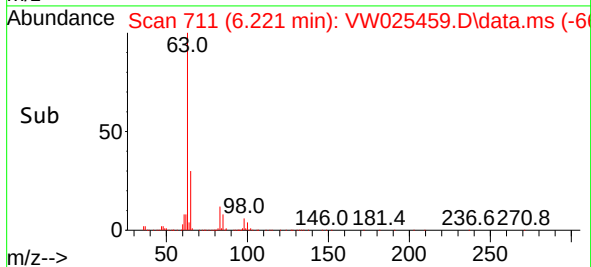
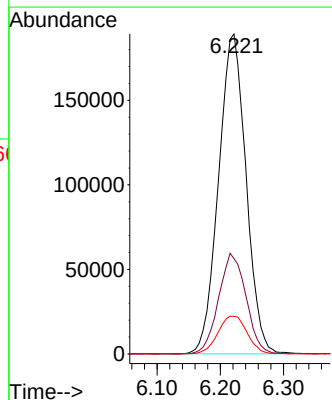
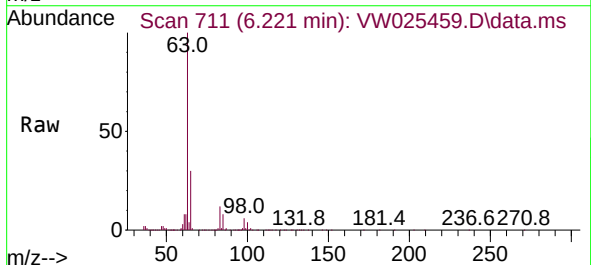
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

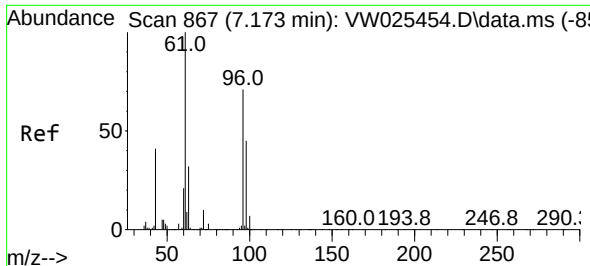
Tgt Ion: 73 Resp: 484935
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 23.8 18.6 28.0



#19
1,1-Dichloroethane
Concen: 22.442 ug/L
RT: 6.221 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 63 Resp: 570499
Ion Ratio Lower Upper
63 100
65 29.8 21.7 40.3
83 11.8 8.4 15.6



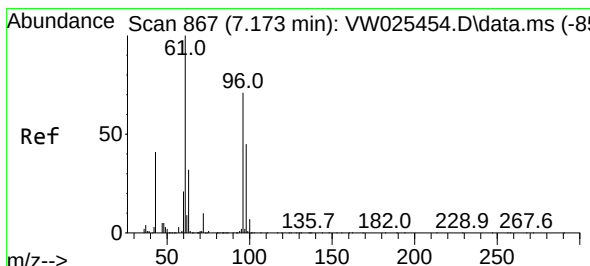
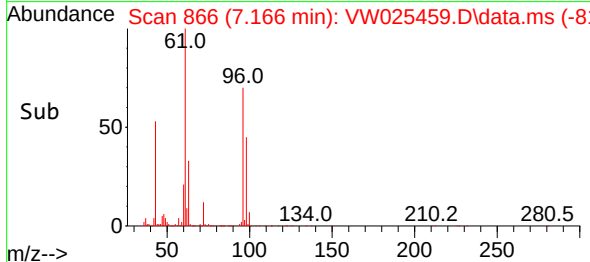
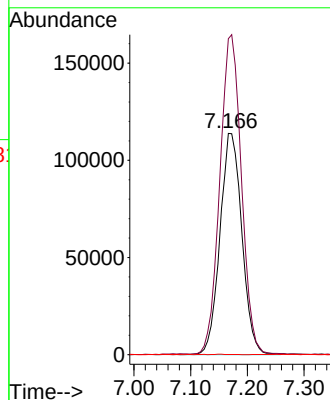
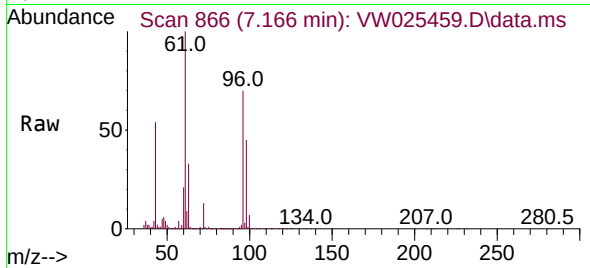


#20
 cis-1,2-Dichloroethene
 Concen: 22.702 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW025459.D
 Acq: 21 Mar 2023 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC8MS

Tgt Ion: 96 Resp: 305130

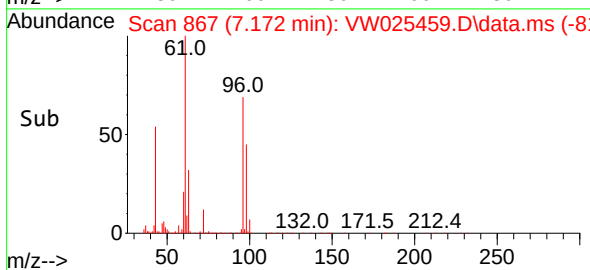
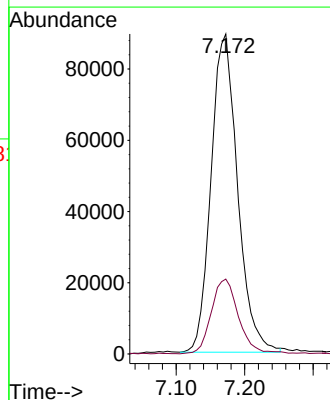
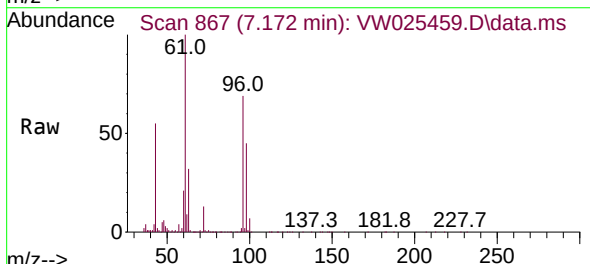
Ion	Ratio	Lower	Upper
96	100		
61	142.8	95.5	177.4
68	0.1	0.1	0.1

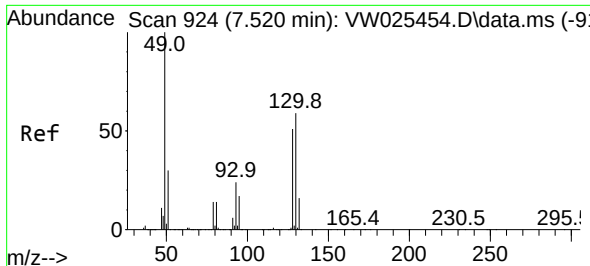


#22
 2-Butanone
 Concen: 50.455 ug/L
 RT: 7.172 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW025459.D
 Acq: 21 Mar 2023 11:29

Tgt Ion: 43 Resp: 240469

Ion	Ratio	Lower	Upper
43	100		
72	23.5	12.0	36.1

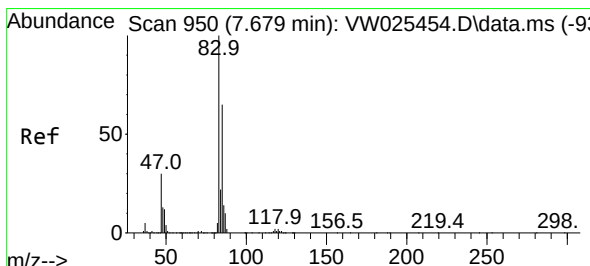
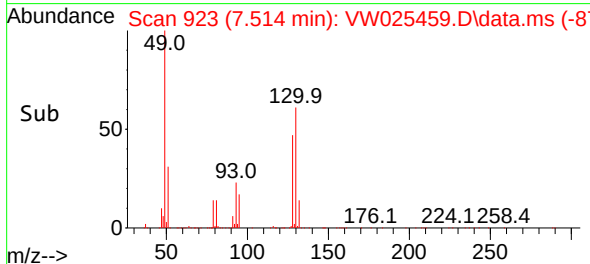
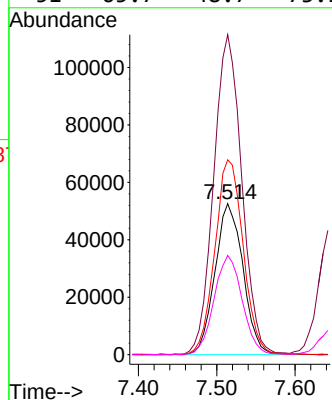
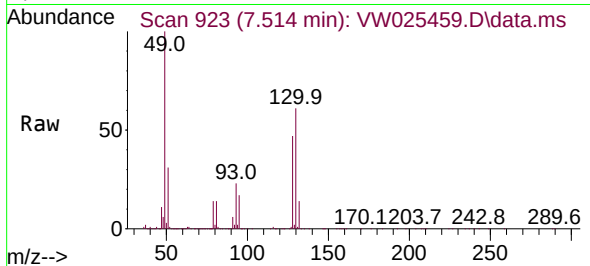




#23
Bromochloromethane
Concen: 22.648 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

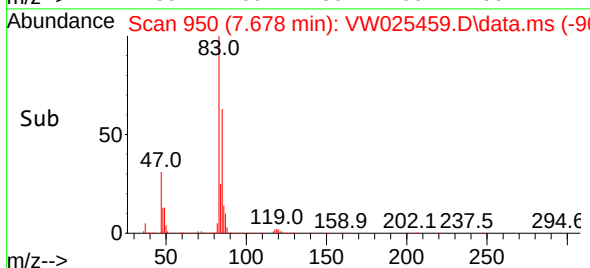
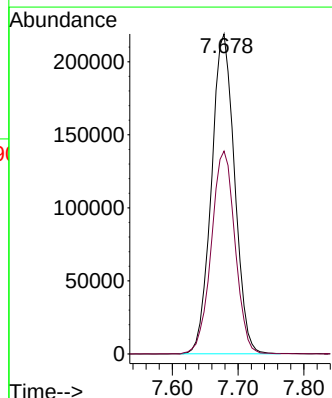
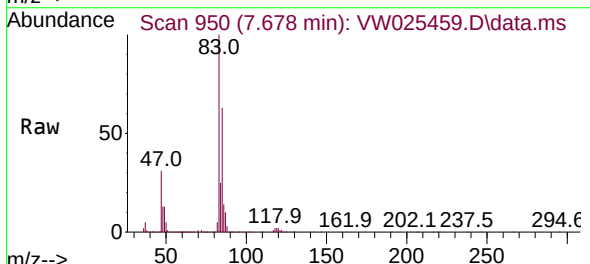
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

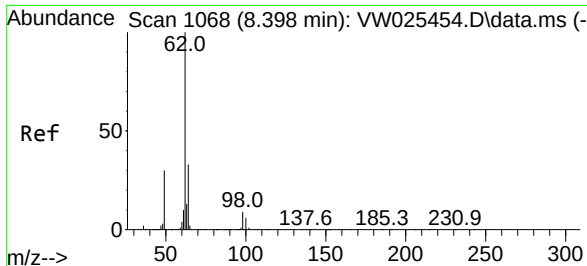
Tgt Ion:128 Resp: 130899
Ion Ratio Lower Upper
128 100
49 211.8 140.6 261.0
130 128.9 80.8 150.0
51 65.7 48.7 73.1



#25
Chloroform
Concen: 22.435 ug/L
RT: 7.678 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 83 Resp: 536135
Ion Ratio Lower Upper
83 100
85 63.4 44.7 82.9





#27

1,2-Dichloroethane

Concen: 24.308 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

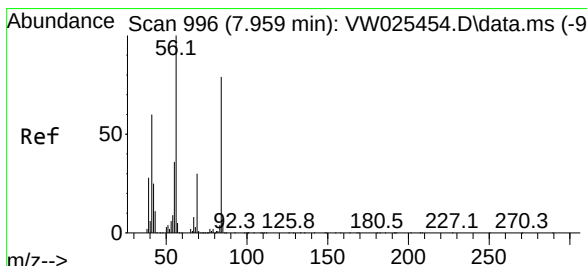
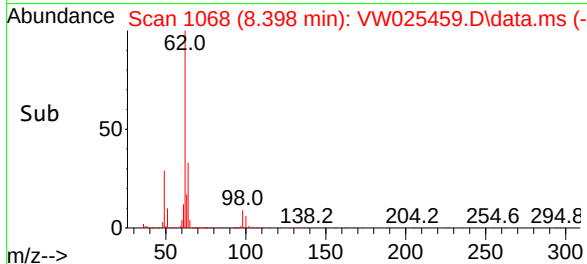
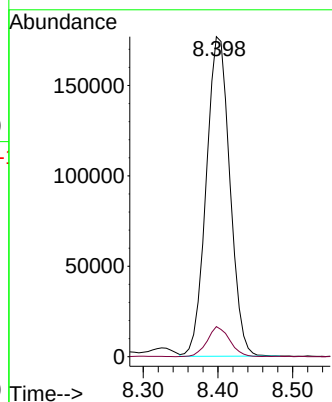
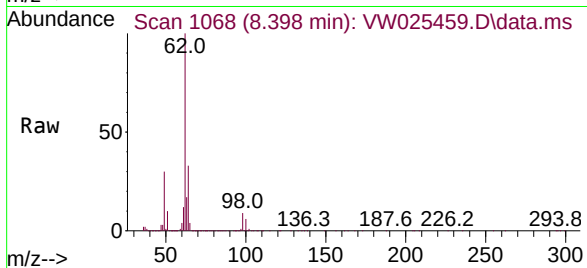
EYGC8MS

Tgt Ion: 62 Resp: 387670

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8



#29

Cyclohexane

Concen: 22.174 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

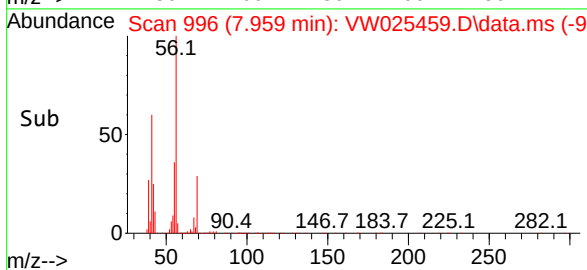
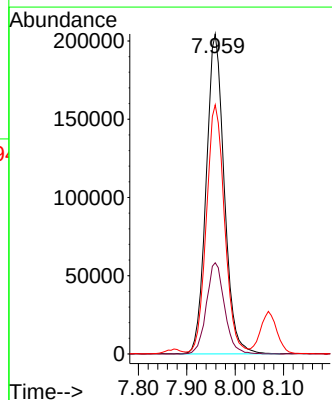
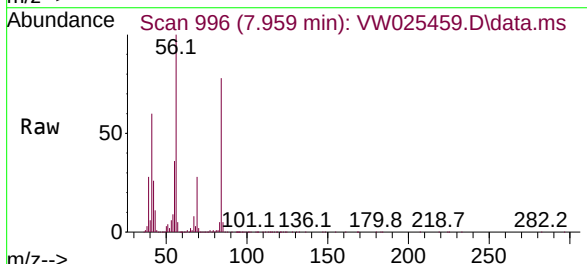
Tgt Ion: 56 Resp: 530028

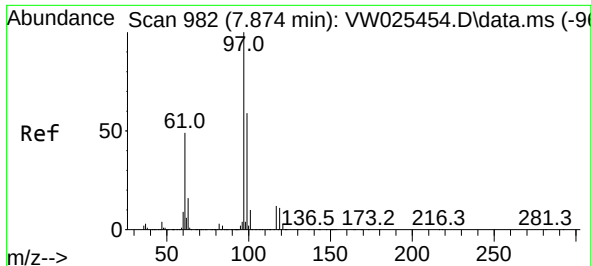
Ion Ratio Lower Upper

56 100

69 28.6 23.1 34.7

84 78.5 63.9 95.9

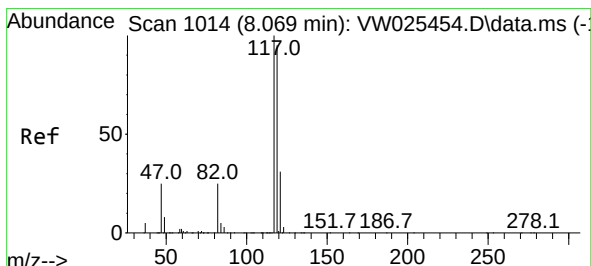
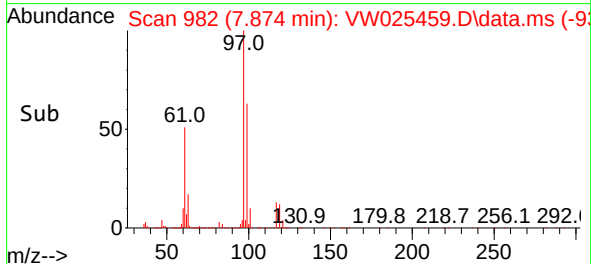
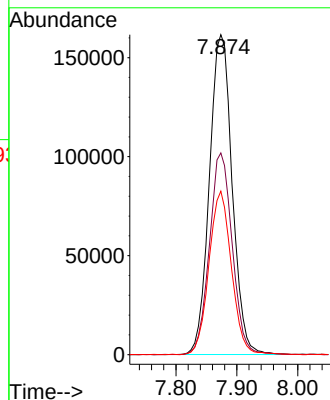
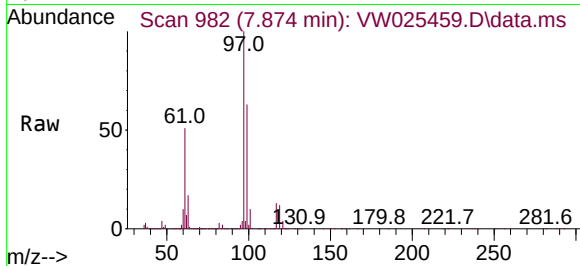




#30
1,1,1-Trichloroethane
Concen: 20.884 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

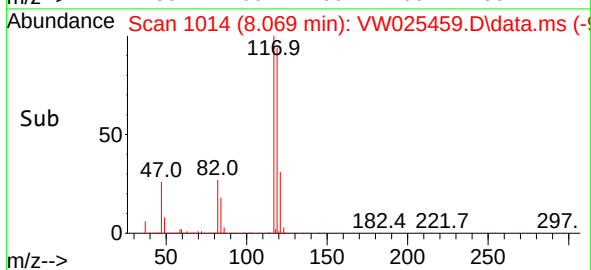
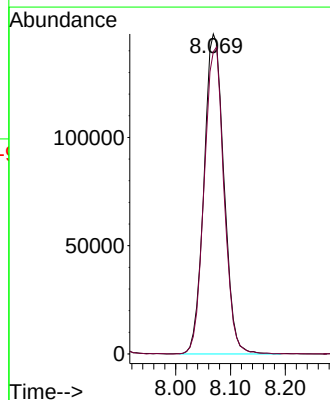
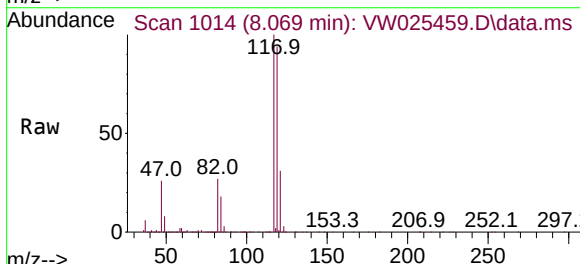
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

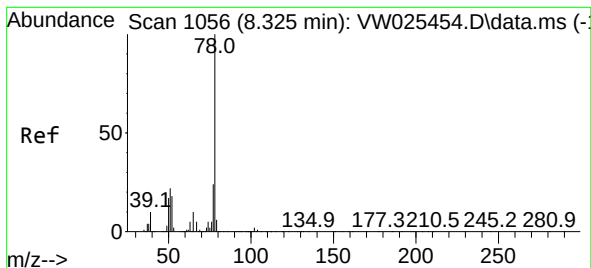
Tgt Ion: 97 Resp: 420404
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 50.6 39.8 59.6



#31
Carbon tetrachloride
Concen: 20.685 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 117 Resp: 373245
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6





#33

Benzene

Concen: 22.029 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

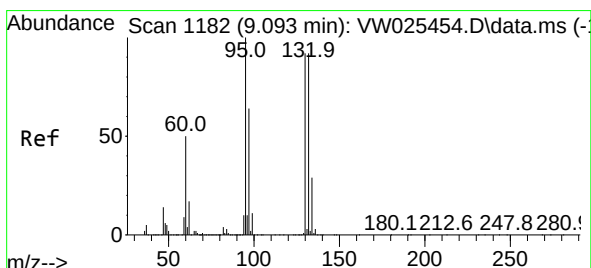
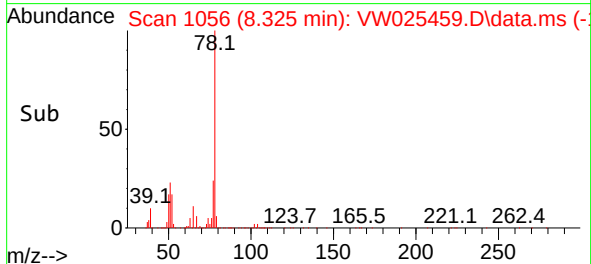
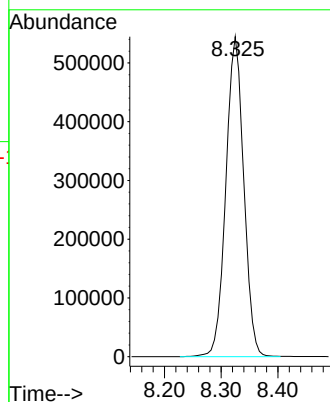
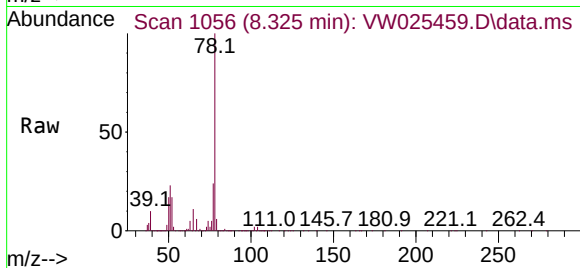
Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

Tgt Ion: 78 Resp: 1192617



#34

Trichloroethene

Concen: 20.832 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Tgt Ion: 95 Resp: 296016

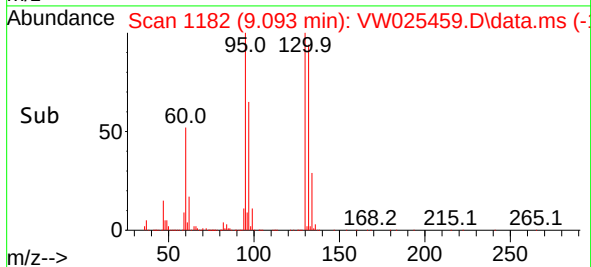
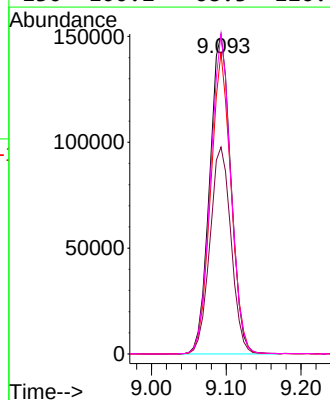
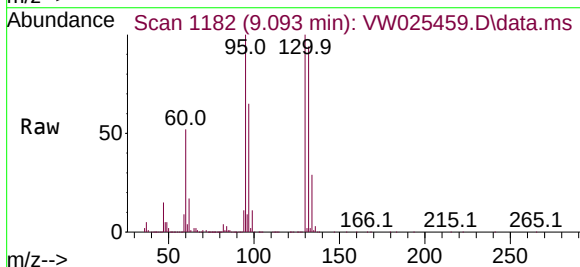
Ion Ratio Lower Upper

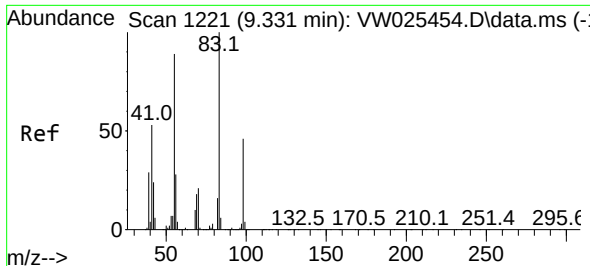
95 100

97 64.8 43.8 81.4

132 94.4 65.9 122.3

130 100.2 68.3 126.8

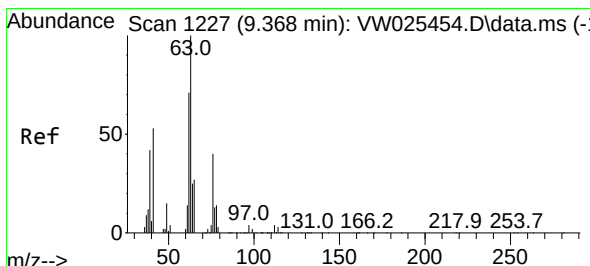
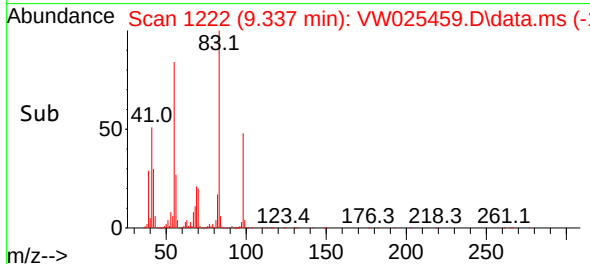
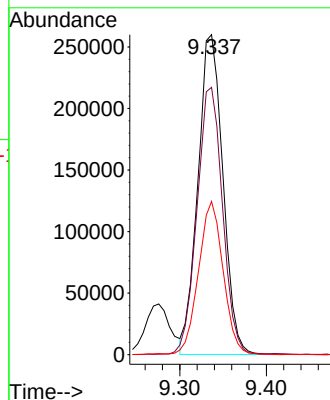
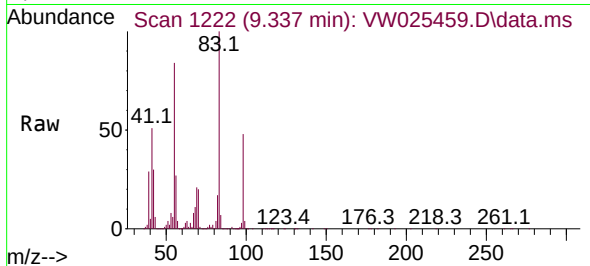




#35
Methylcyclohexane
Concen: 21.305 ug/L
RT: 9.337 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

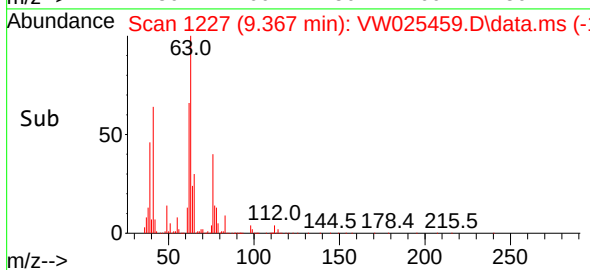
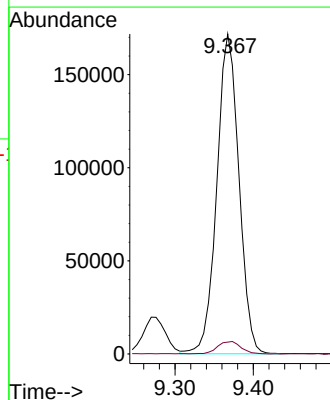
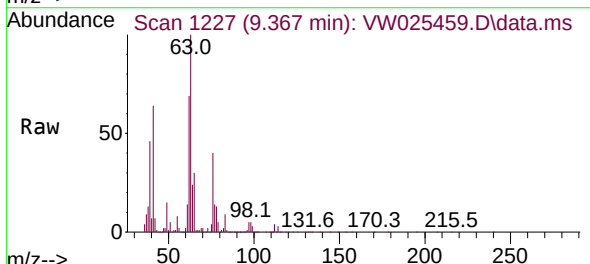
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

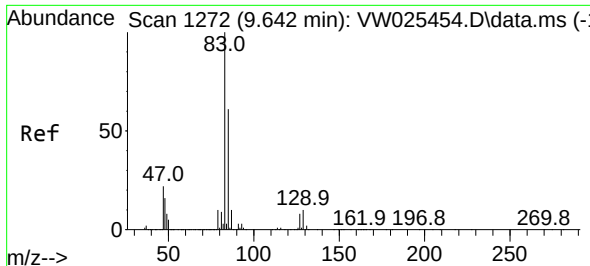
Tgt Ion: 83 Resp: 521501
Ion Ratio Lower Upper
83 100
55 85.4 68.2 102.4
98 47.3 39.0 58.4



#37
1,2-Dichloropropane
Concen: 22.619 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 63 Resp: 337078
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

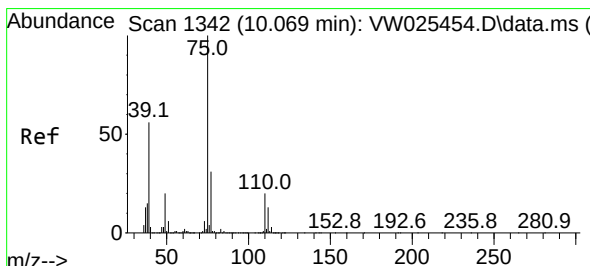
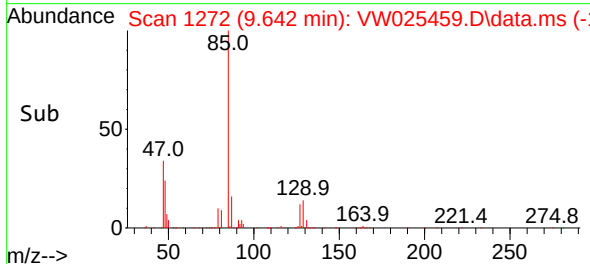
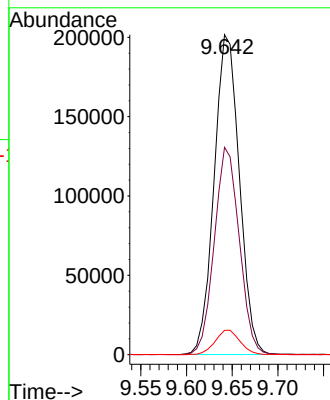
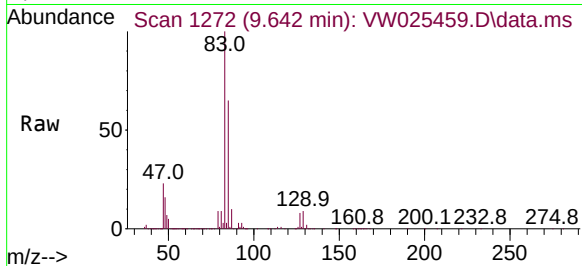




#38
Bromodichloromethane
Concen: 22.277 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

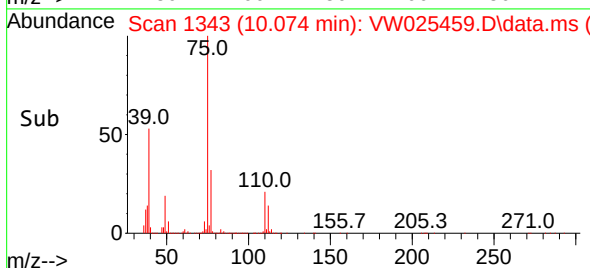
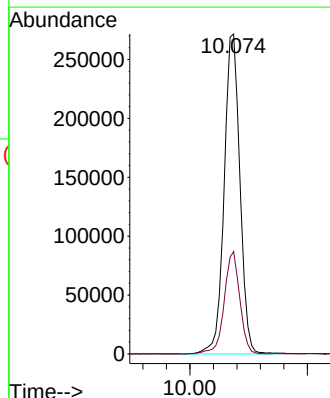
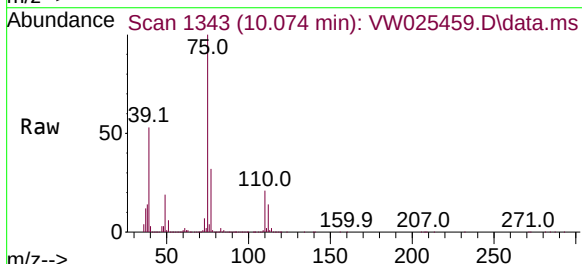
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

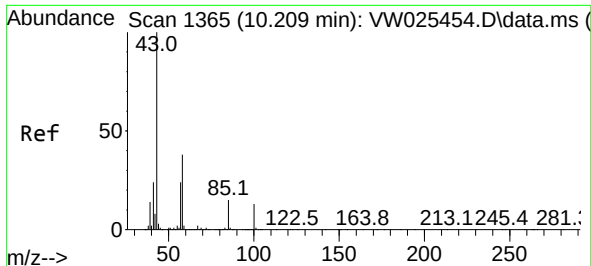
Tgt Ion: 83 Resp: 387178
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
127 7.6 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 23.628 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 75 Resp: 507271
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0

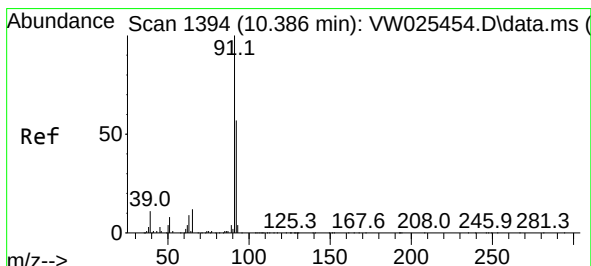
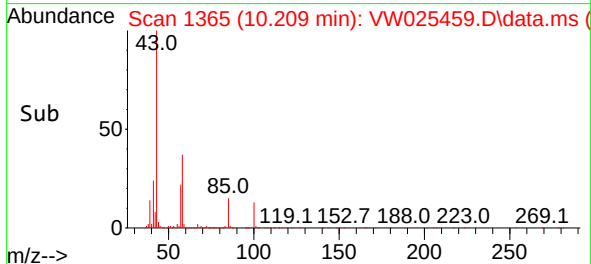
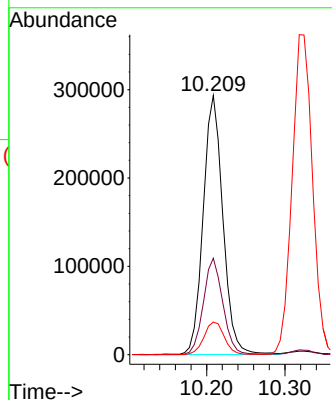
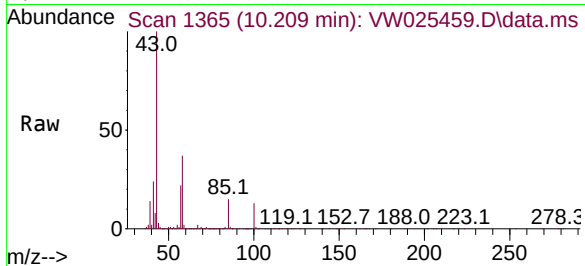




#40
4-Methyl-2-pentanone
Concen: 57.163 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

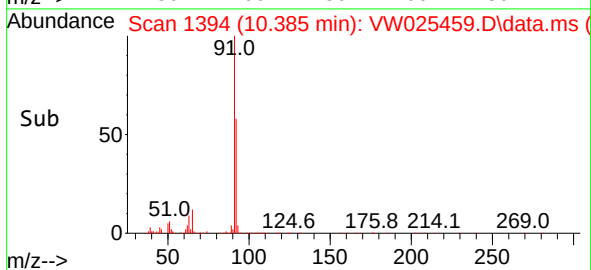
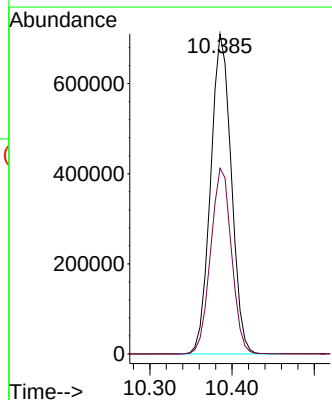
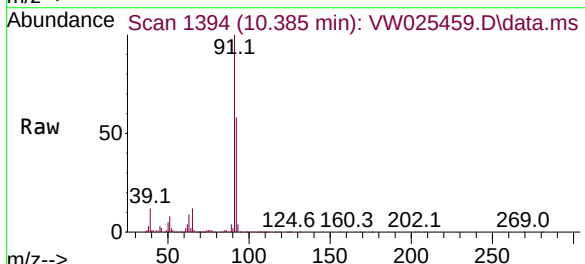
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

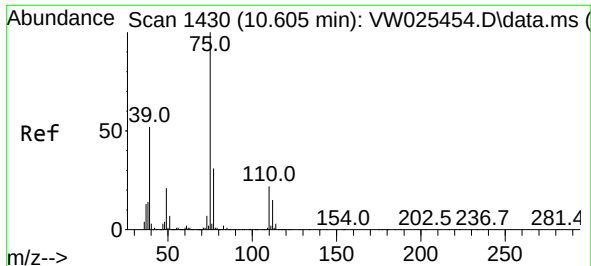
Tgt Ion: 43 Resp: 512003
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4
100 13.0 10.6 16.0



#42
Toluene
Concen: 22.175 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 91 Resp: 1239549
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.3

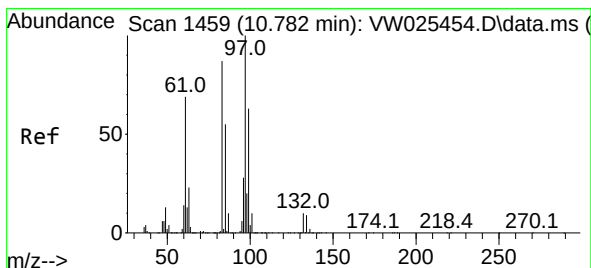
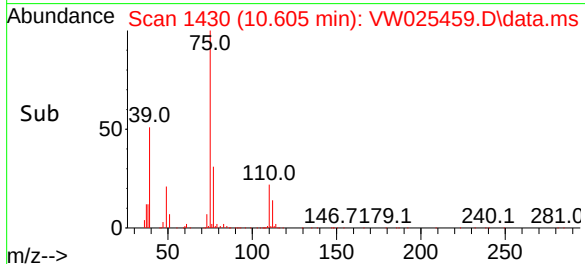
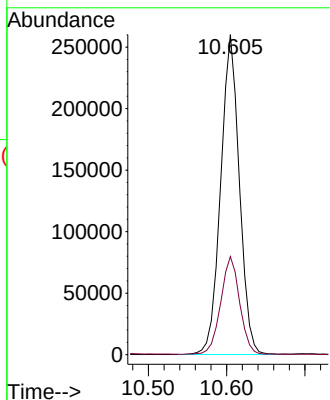
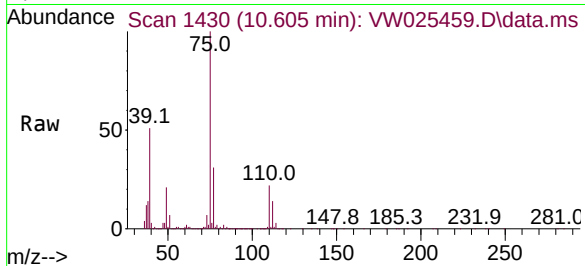




#44
trans-1,3-Dichloropropene
Concen: 23.999 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

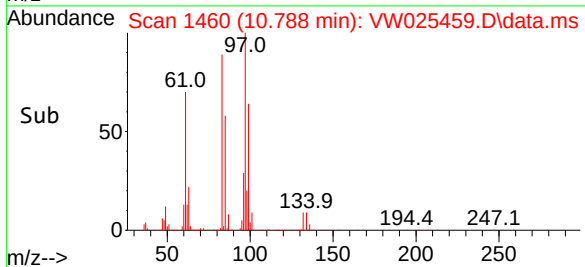
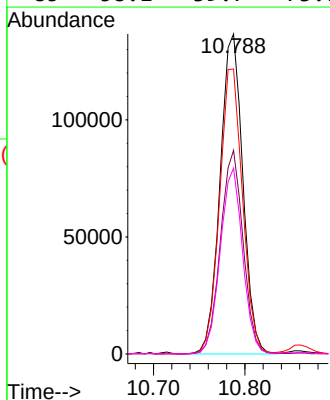
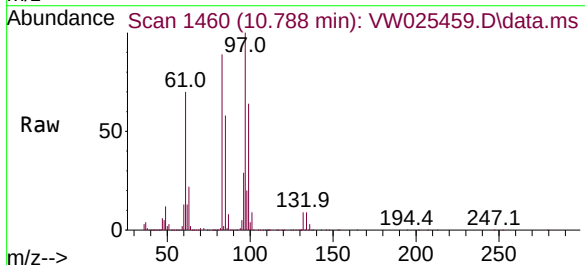
Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

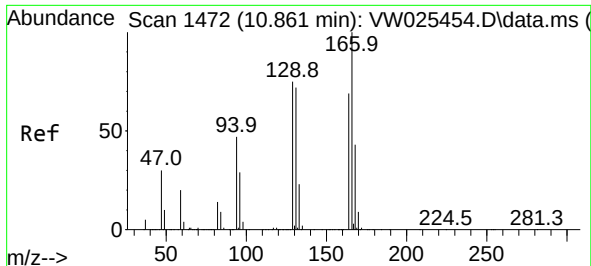
Tgt Ion: 75 Resp: 431471
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 23.673 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 97 Resp: 236915
Ion Ratio Lower Upper
97 100
99 63.7 42.6 79.0
83 89.1 60.5 112.3
85 58.1 39.7 73.7



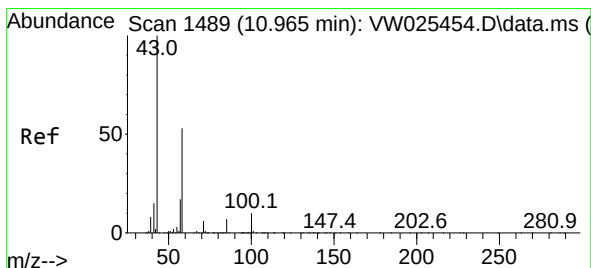
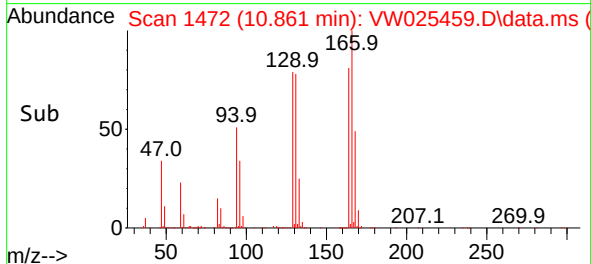
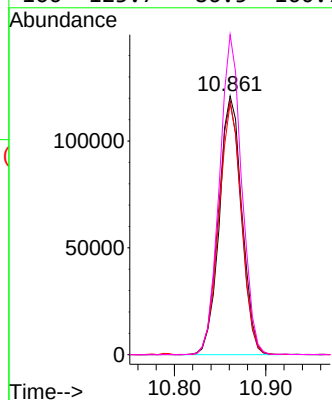
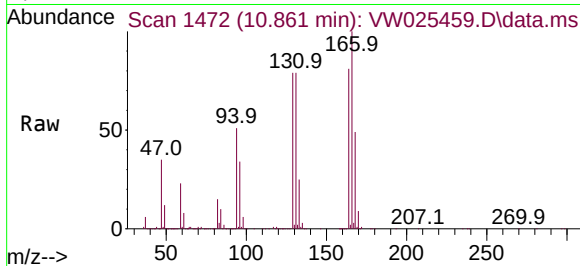


#46
Tetrachloroethene
Concen: 20.605 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Instrument :
MSVOA_W
ClientSampleId :
EYGC8MS

Tgt Ion:164 Resp: 208326

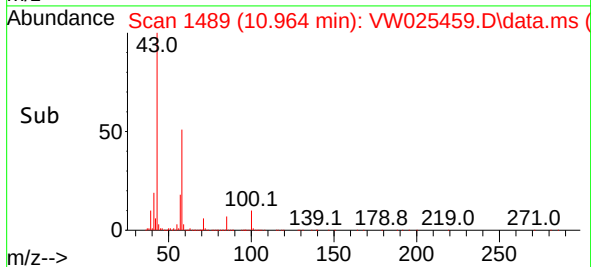
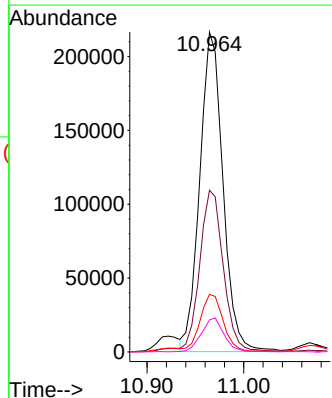
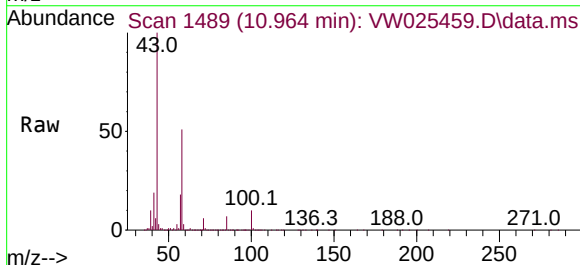
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.7	125.7
131	97.2	67.0	124.4
166	123.7	86.5	160.7

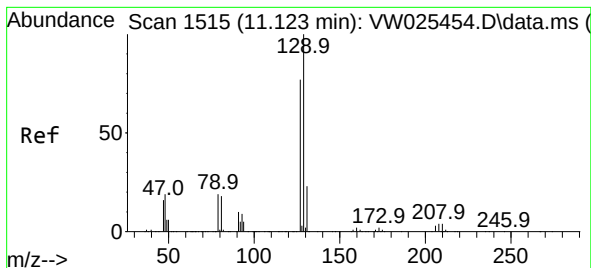


#48
2-Hexanone
Concen: 56.200 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025459.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 43 Resp: 362161

Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.2	61.8
57	18.0	14.2	21.4
100	10.5	8.5	12.7





#49

Dibromochloromethane

Concen: 23.057 ug/L

RT: 11.129 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

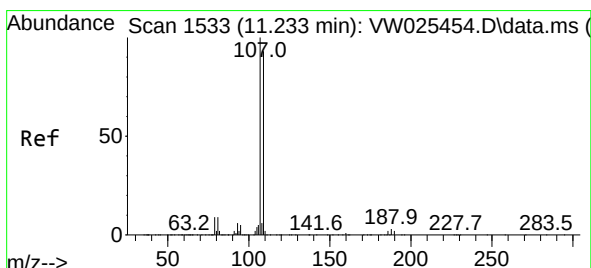
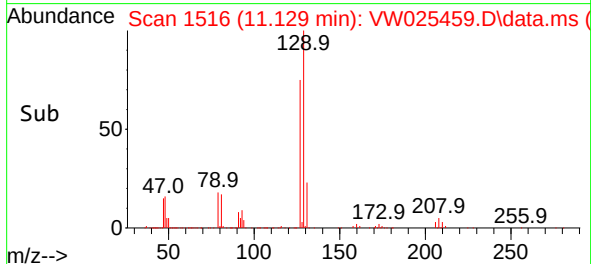
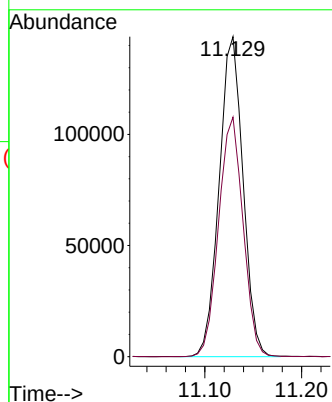
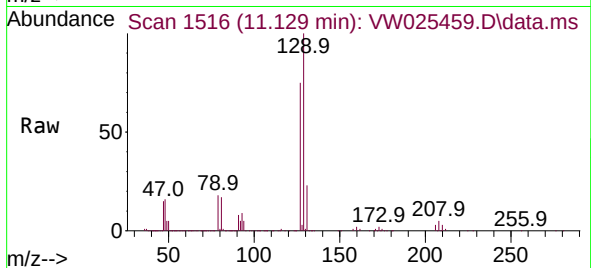
EYGC8MS

Tgt Ion:129 Resp: 246557

Ion Ratio Lower Upper

129 100

127 74.8 52.8 98.2



#50

1,2-Dibromoethane

Concen: 23.833 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

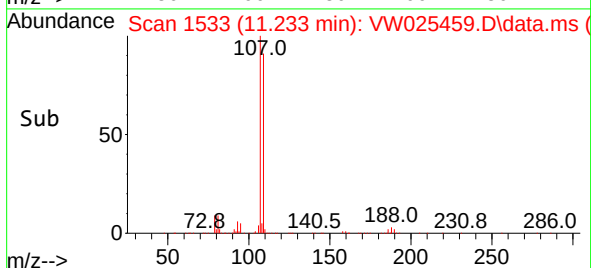
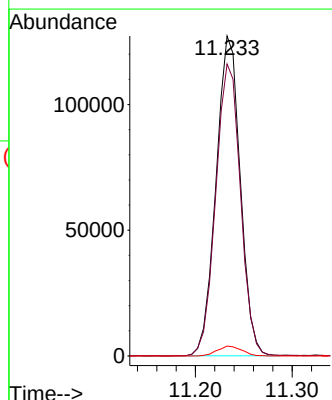
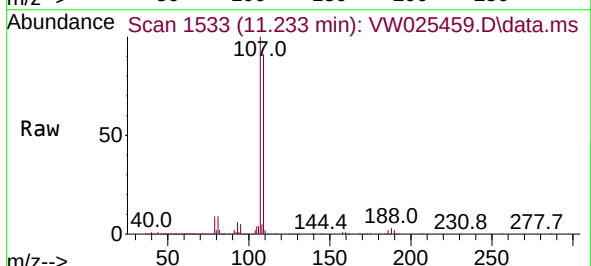
Tgt Ion:107 Resp: 220782

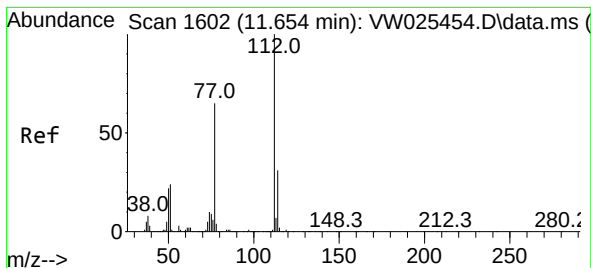
Ion Ratio Lower Upper

107 100

109 91.3 62.9 116.9

188 3.1 3.0 4.4





#51

Chlorobenzene

Concen: 21.322 ug/L

RT: 11.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

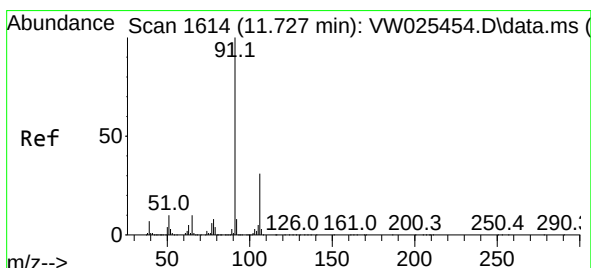
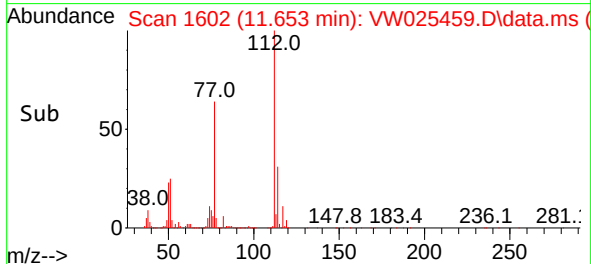
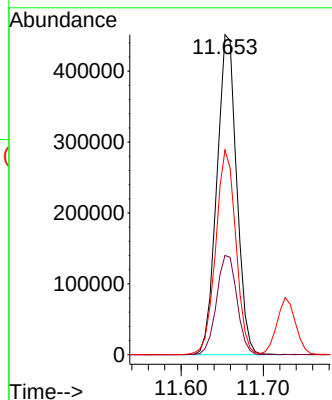
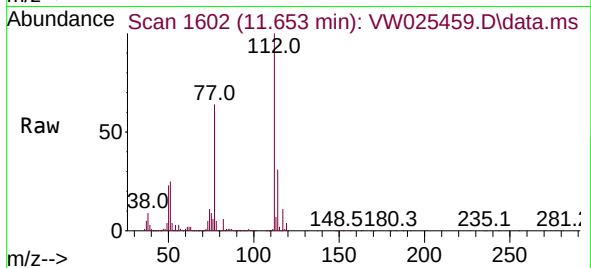
Tgt Ion:112 Resp: 756432

Ion Ratio Lower Upper

112 100

114 31.0 21.9 40.7

77 63.9 51.8 77.8



#52

Ethylbenzene

Concen: 21.913 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW025459.D

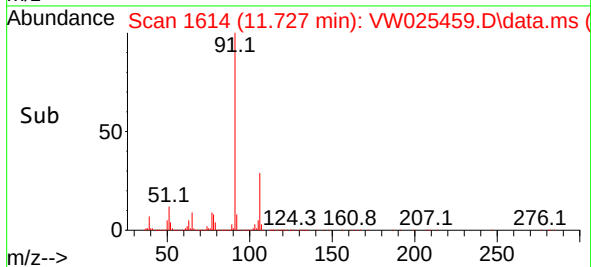
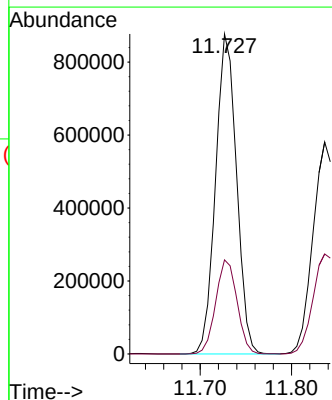
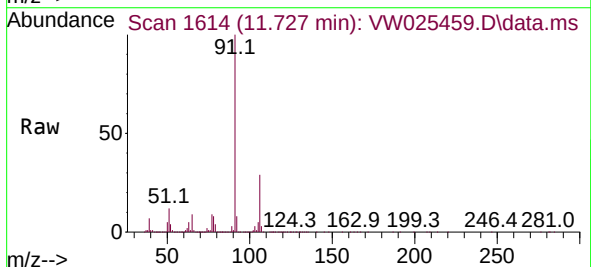
Acq: 21 Mar 2023 11:29

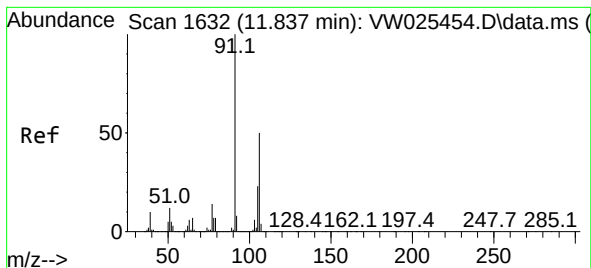
Tgt Ion: 91 Resp: 1397026

Ion Ratio Lower Upper

91 100

106 29.4 22.0 41.0





#53

m,p-Xylene

Concen: 22.017 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

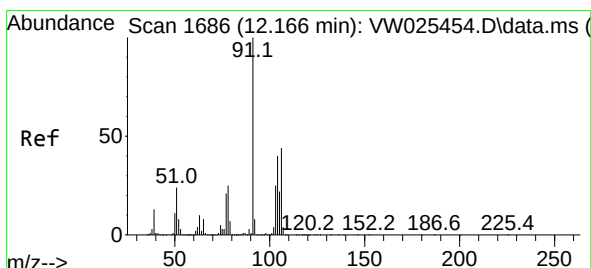
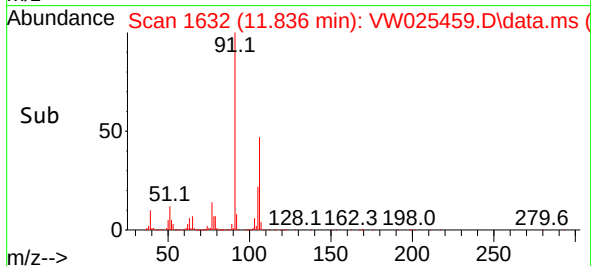
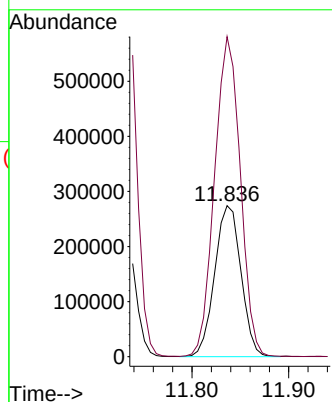
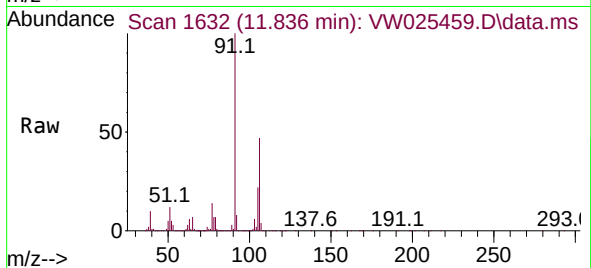
EYGC8MS

Tgt Ion:106 Resp: 517709

Ion Ratio Lower Upper

106 100

91 211.8 144.2 267.8



#54

o-Xylene

Concen: 22.189 ug/L

RT: 12.159 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW025459.D

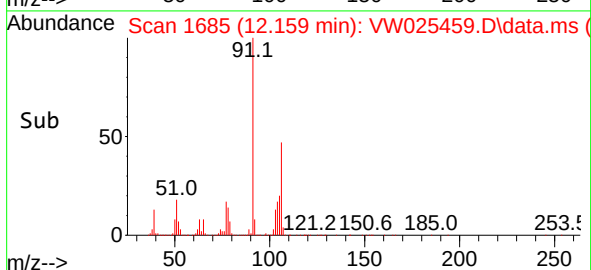
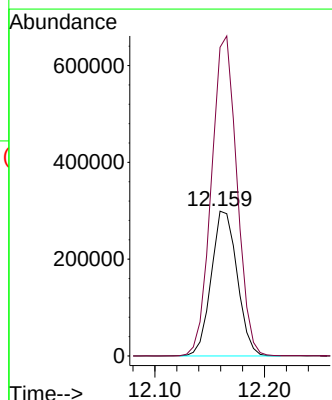
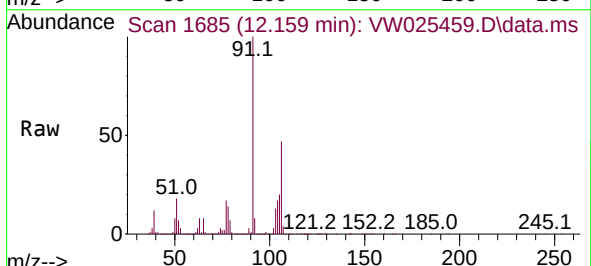
Acq: 21 Mar 2023 11:29

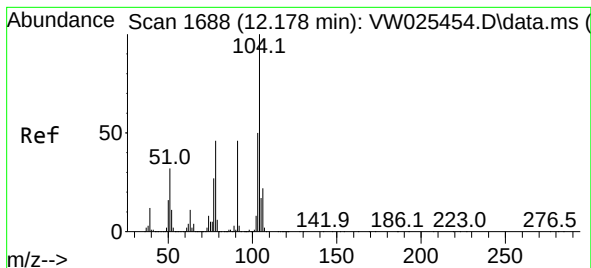
Tgt Ion:106 Resp: 490971

Ion Ratio Lower Upper

106 100

91 213.2 154.6 287.2





#55

Styrene

Concen: 20.955 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

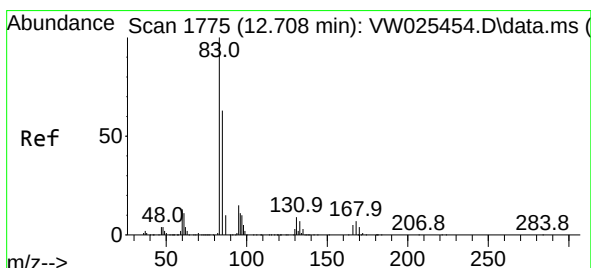
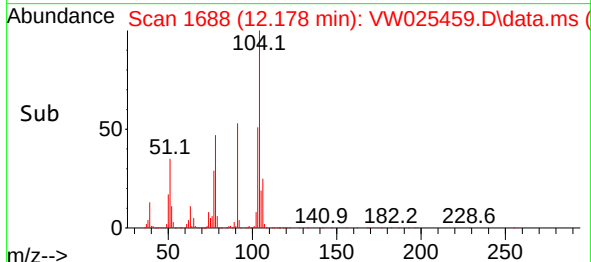
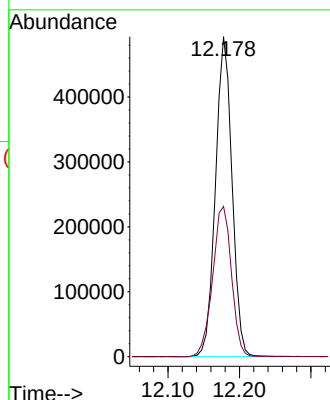
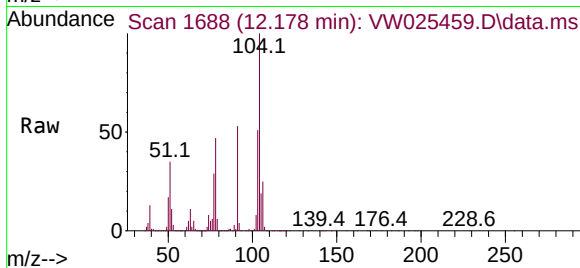
EYGC8MS

Tgt Ion:104 Resp: 791785

Ion Ratio Lower Upper

104 100

78 46.9 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 24.508 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

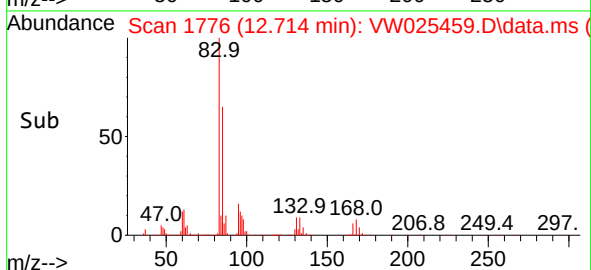
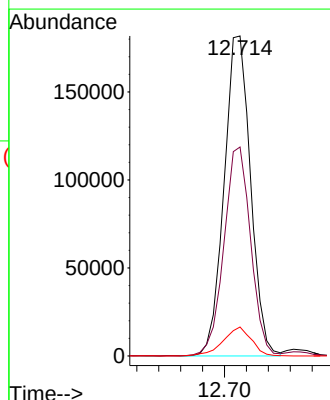
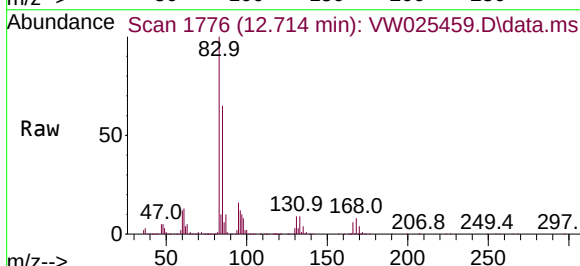
Tgt Ion: 83 Resp: 305105

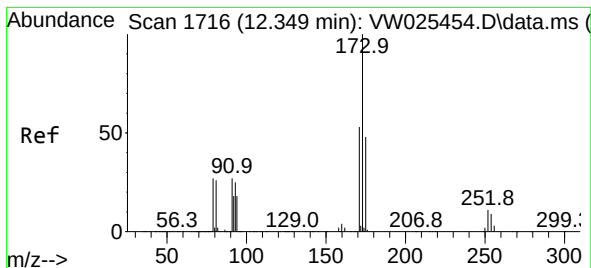
Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2

131 9.0 8.0 12.0





#59

Bromoform

Concen: 23.210 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

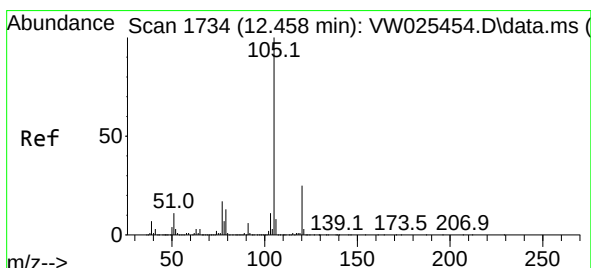
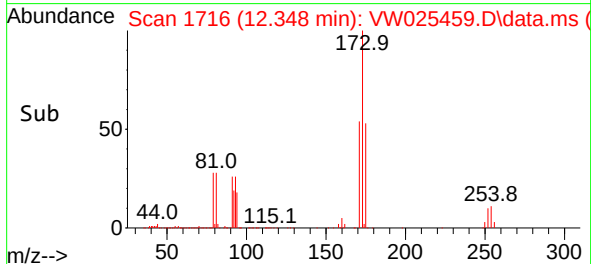
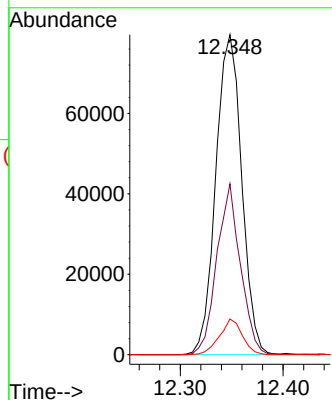
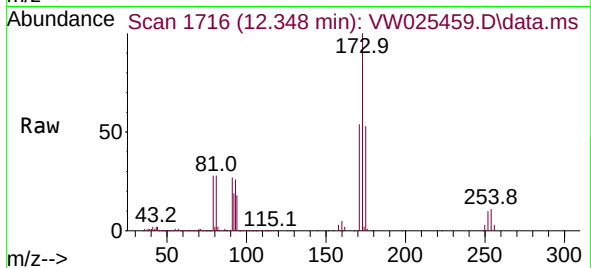
Tgt Ion:173 Resp: 139263

Ion Ratio Lower Upper

173 100

175 48.7 38.6 57.8

254 9.8 7.9 11.9



#60

Isopropylbenzene

Concen: 22.101 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

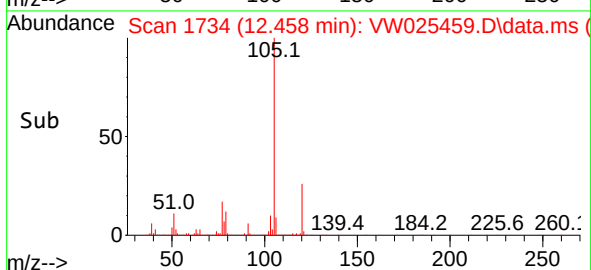
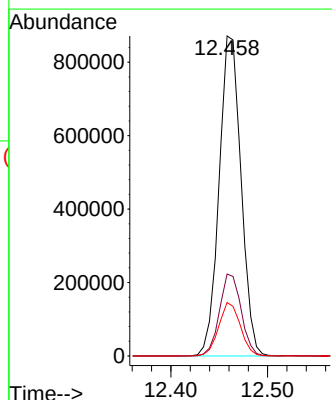
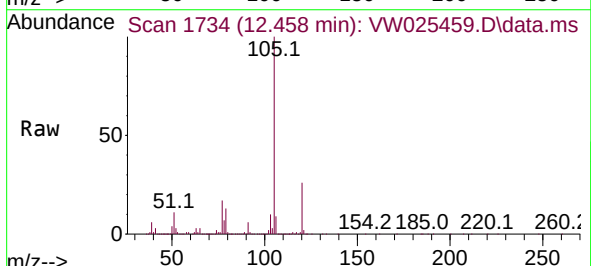
Tgt Ion:105 Resp: 1370174

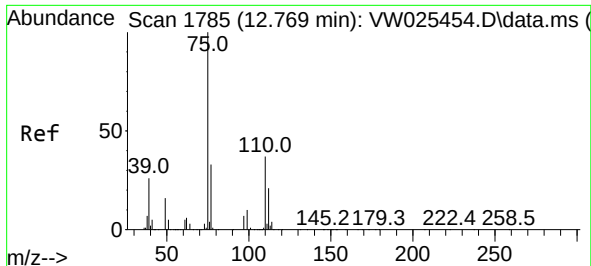
Ion Ratio Lower Upper

105 100

120 25.3 20.9 31.3

77 16.4 13.1 19.7





#61

1,2,3-Trichloropropane

Concen: 24.743 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

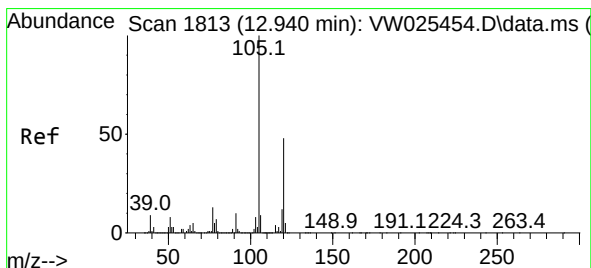
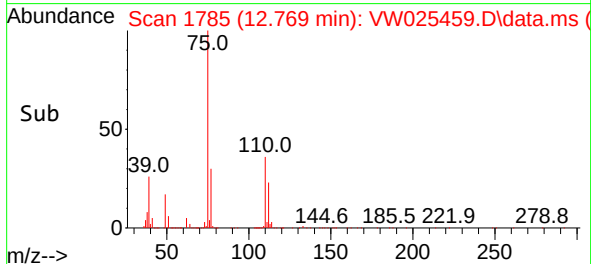
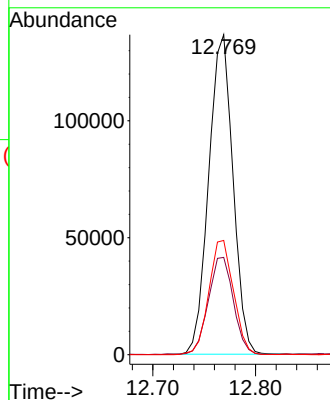
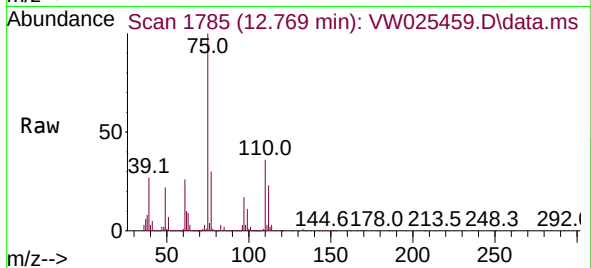
Tgt Ion: 75 Resp: 224190

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

110 36.4 28.9 43.3



#62

1,3,5-Trimethylbenzene

Concen: 22.636 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025459.D

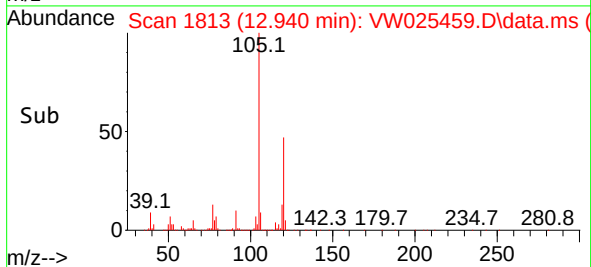
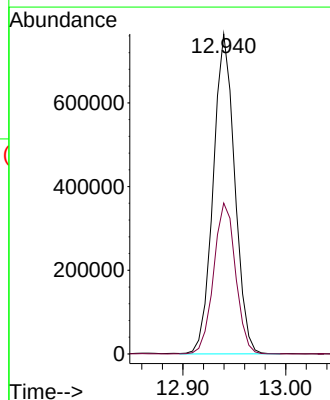
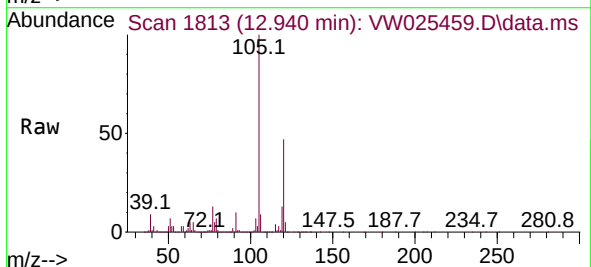
Acq: 21 Mar 2023 11:29

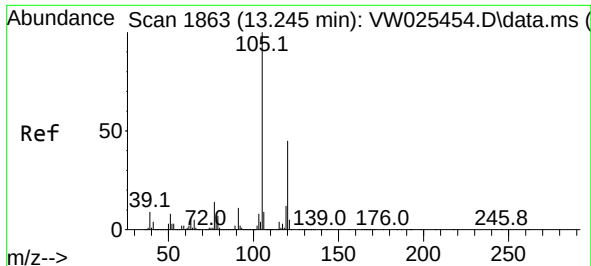
Tgt Ion: 105 Resp: 1111437

Ion Ratio Lower Upper

105 100

120 48.1 39.3 58.9





#63

1,2,4-Trimethylbenzene

Concen: 22.872 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

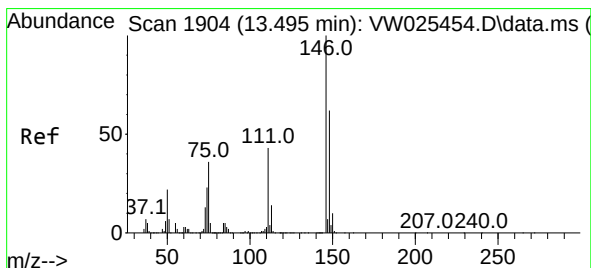
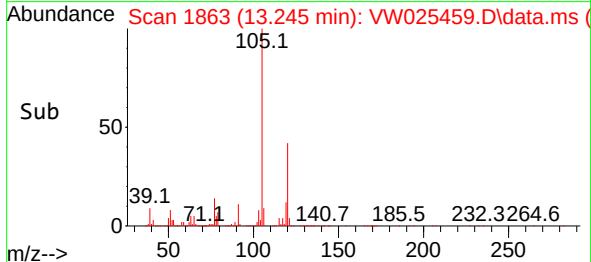
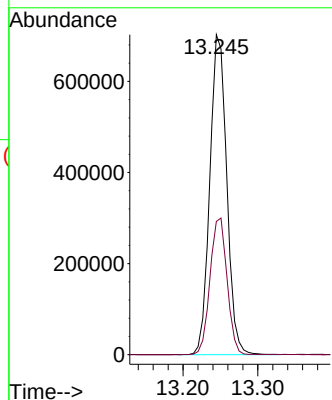
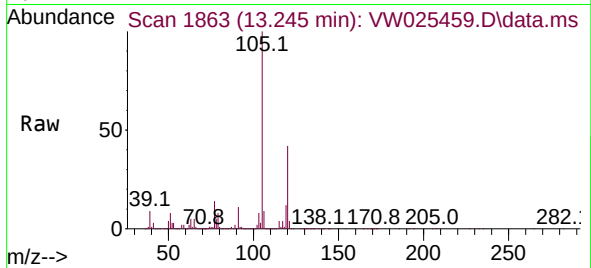
EYGC8MS

Tgt Ion:105 Resp: 1106310

Ion Ratio Lower Upper

105 100

120 43.0 36.0 54.0



#64

1,3-Dichlorobenzene

Concen: 20.554 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

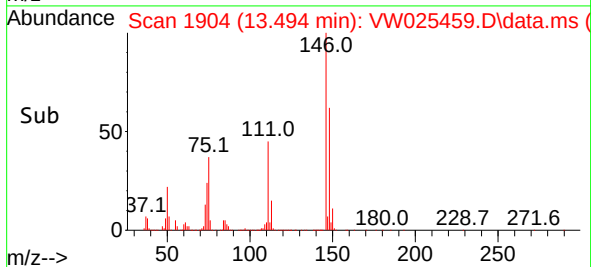
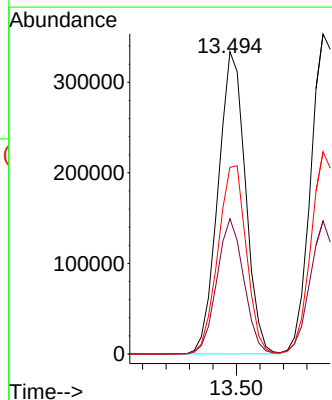
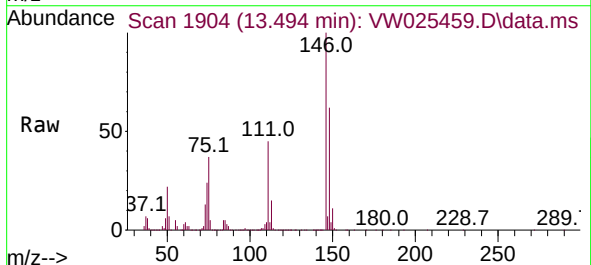
Tgt Ion:146 Resp: 539947

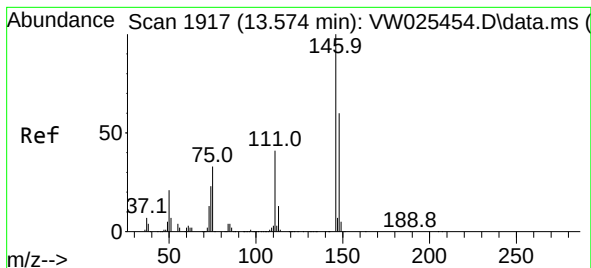
Ion Ratio Lower Upper

146 100

111 44.7 29.7 55.1

148 61.8 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 21.105 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

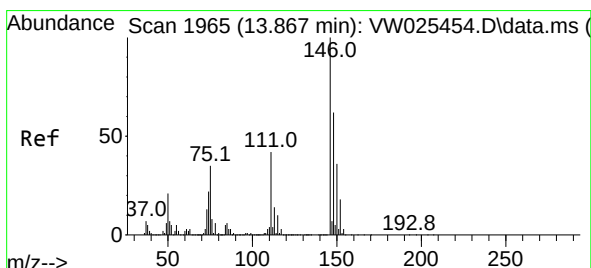
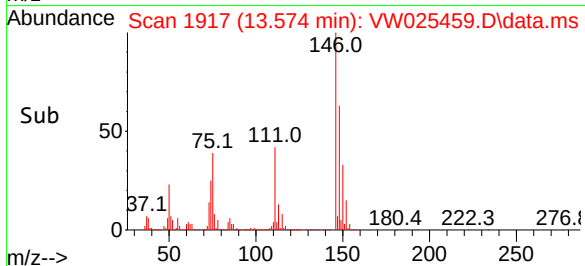
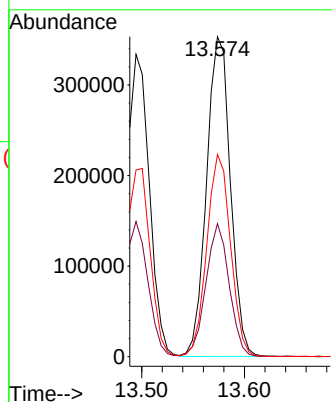
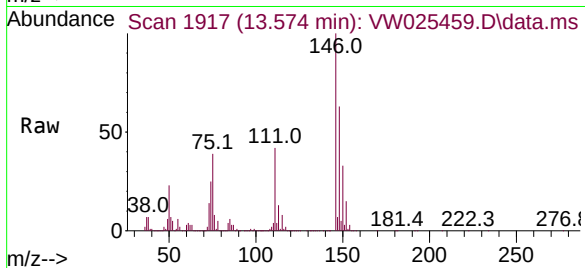
Tgt Ion:146 Resp: 568696

Ion Ratio Lower Upper

146 100

111 41.6 28.2 52.4

148 63.2 39.8 73.8



#67

1,2-Dichlorobenzene

Concen: 21.157 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

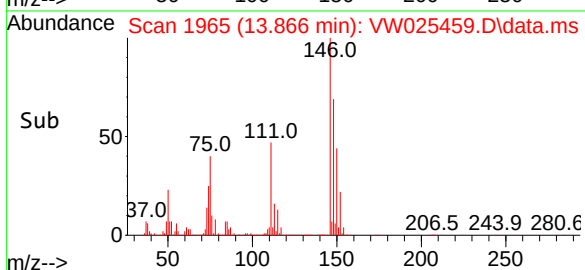
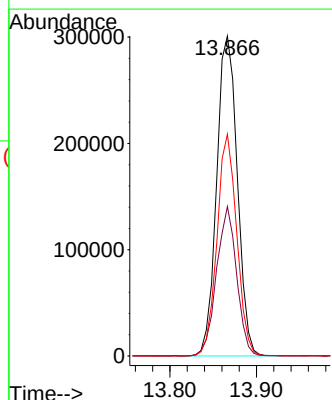
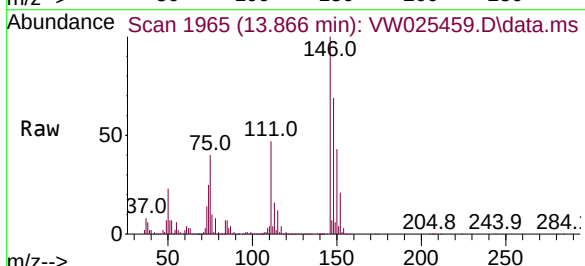
Tgt Ion:146 Resp: 498478

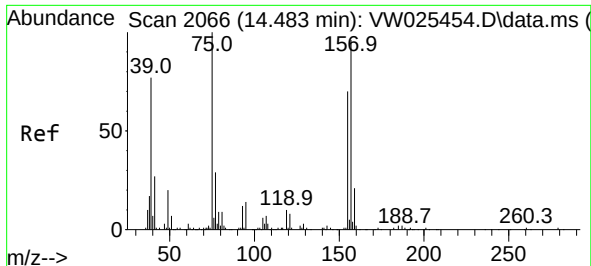
Ion Ratio Lower Upper

146 100

111 46.7 36.6 54.8

148 69.3 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 24.003 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

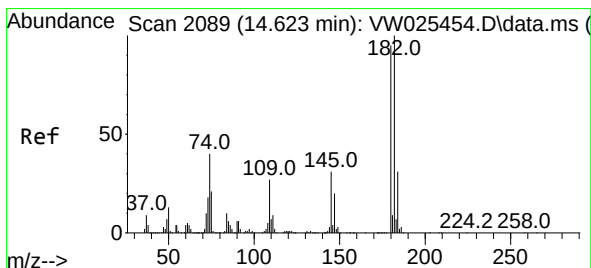
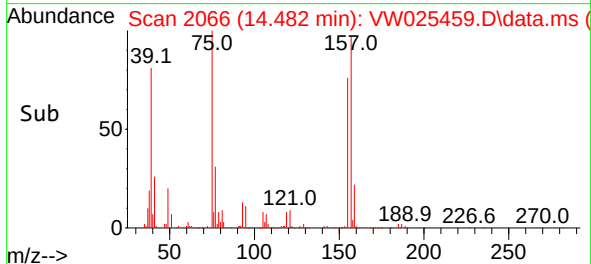
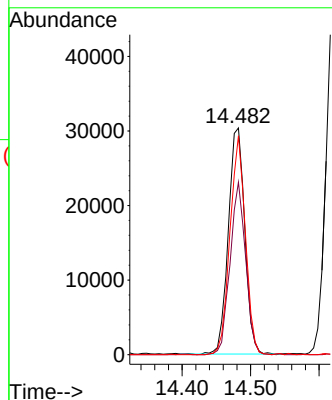
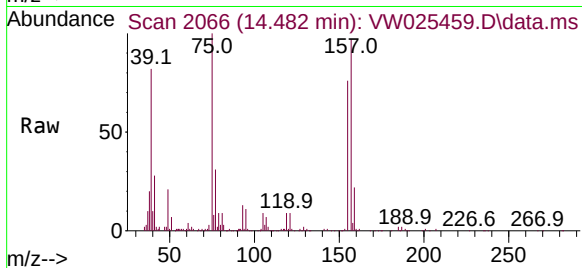
Tgt Ion: 75 Resp: 50349

Ion Ratio Lower Upper

75 100

155 76.1 55.4 83.0

157 96.6 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 18.796 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Tgt Ion:180 Resp: 335654

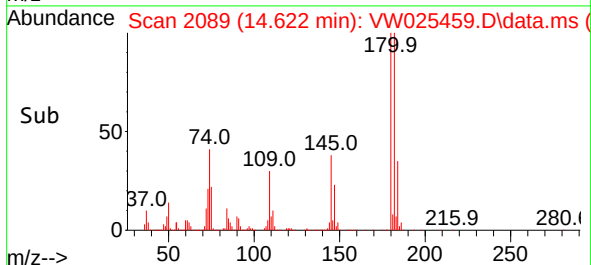
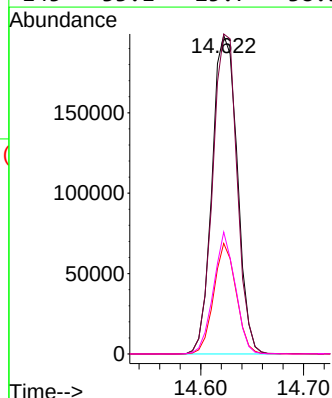
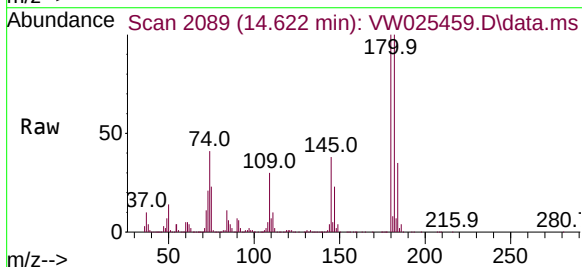
Ion Ratio Lower Upper

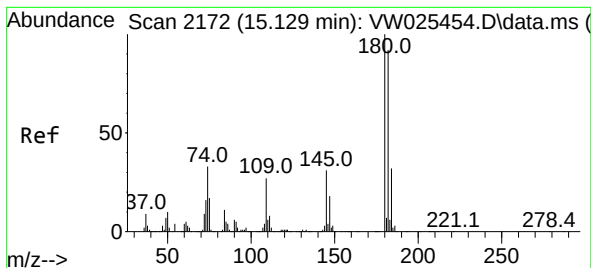
180 100

182 97.4 77.1 115.7

184 31.0 24.7 37.1

145 33.1 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 19.013 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_W

ClientSampleId :

EYGC8MS

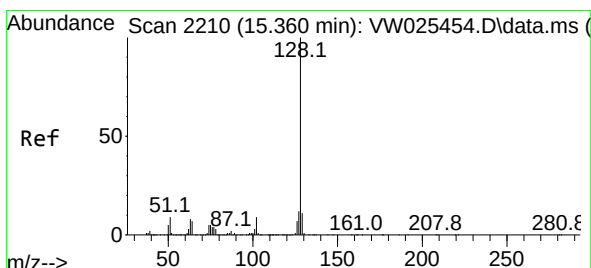
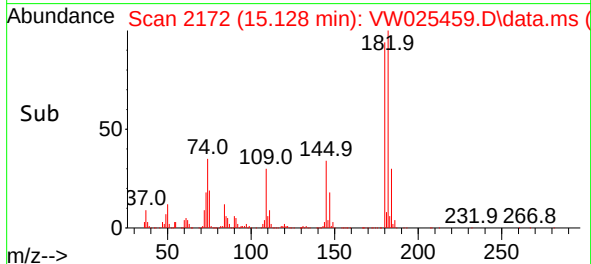
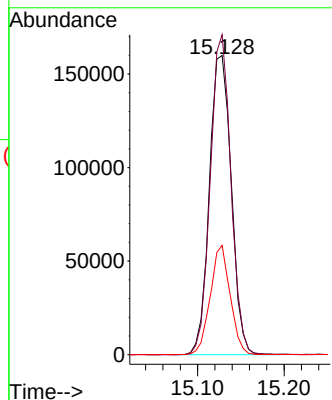
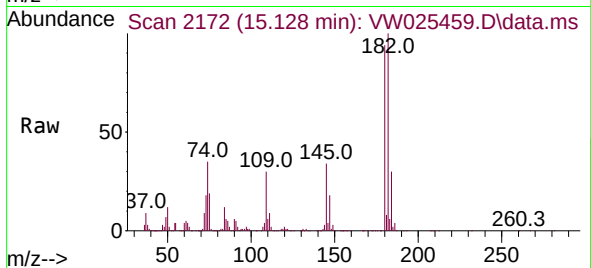
Tgt Ion:180 Resp: 281500

Ion Ratio Lower Upper

180 100

182 100.2 75.5 113.3

145 33.2 25.2 37.8



#71

Naphthalene

Concen: 20.655 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025459.D

Acq: 21 Mar 2023 11:29

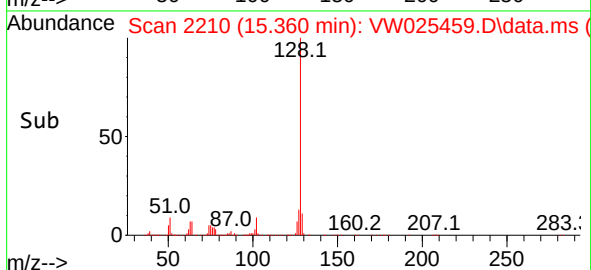
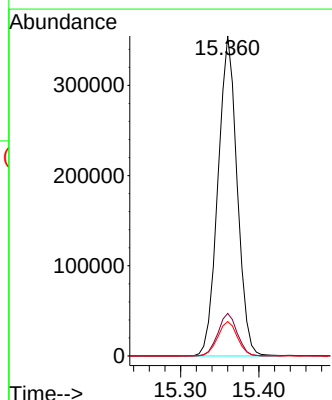
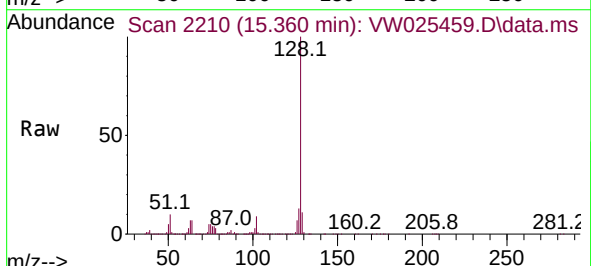
Tgt Ion:128 Resp: 603654

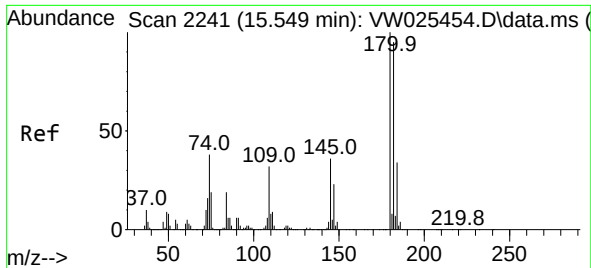
Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.1 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 19.065 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025459.D
 Acq: 21 Mar 2023 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGC8MS

Tgt Ion:180 Resp: 253531
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 145 35.3 27.7 41.5

