

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025598.D
 Acq On : 20 Apr 2023 12:05
 Operator : SY/MD
 Sample : 02418-11MSDRE
 Misc : 4.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z5REMSD

Quant Time: Apr 21 01:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	438196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102310	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	246396	21.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.899	69	199370	24.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	4.027	63	522416	22.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.075	46	143938	56.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.500%
24) Chloroform-d	7.648	84	516273	26.086	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.307	65	268865	26.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.440%
32) Benzene-d6	8.270	84	967531	34.100	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.400%#
36) 1,2-Dichloropropane-d6	9.276	67	317201	35.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.400%#
41) Toluene-d8	10.319	98	717383	28.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.760%
43) trans-1,3-Dichloroprop...	10.575	79	94404	28.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.840%
47) 2-Hexanone-d5	10.922	63	93489	77.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170009	28.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	85342	24.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	225988	22.926	ug/L	94
3) Chloromethane	2.222	50	322129	28.168	ug/L	100
5) Vinyl chloride	2.375	62	324899	25.700	ug/L	98
6) Bromomethane	2.789	94	155304	22.837	ug/L	97
8) Chloroethane	2.936	64	193061	27.267	ug/L	99
9) Trichlorofluoromethane	3.265	101	254728	26.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	213766	21.872	ug/L	100
12) 1,1-Dichloroethene	4.045	96	240219	24.555	ug/L	94
13) Acetone	4.118	43	156906	72.450	ug/L	99
14) Carbon disulfide	4.393	76	643737	18.651	ug/L	100
15) Methyl Acetate	4.667	43	109035	22.409	ug/L	98
16) Methylene chloride	4.917	84	292004	26.062	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	241503	23.220	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	448078	31.217	ug/L	99
19) 1,1-Dichloroethane	6.216	63	578402	27.834	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	272293	25.162	ug/L #	98
22) 2-Butanone	7.167	43	223751	72.676	ug/L	96
23) Bromochloromethane	7.514	128	116614	26.277	ug/L	98
25) Chloroform	7.679	83	510347	26.856	ug/L	98

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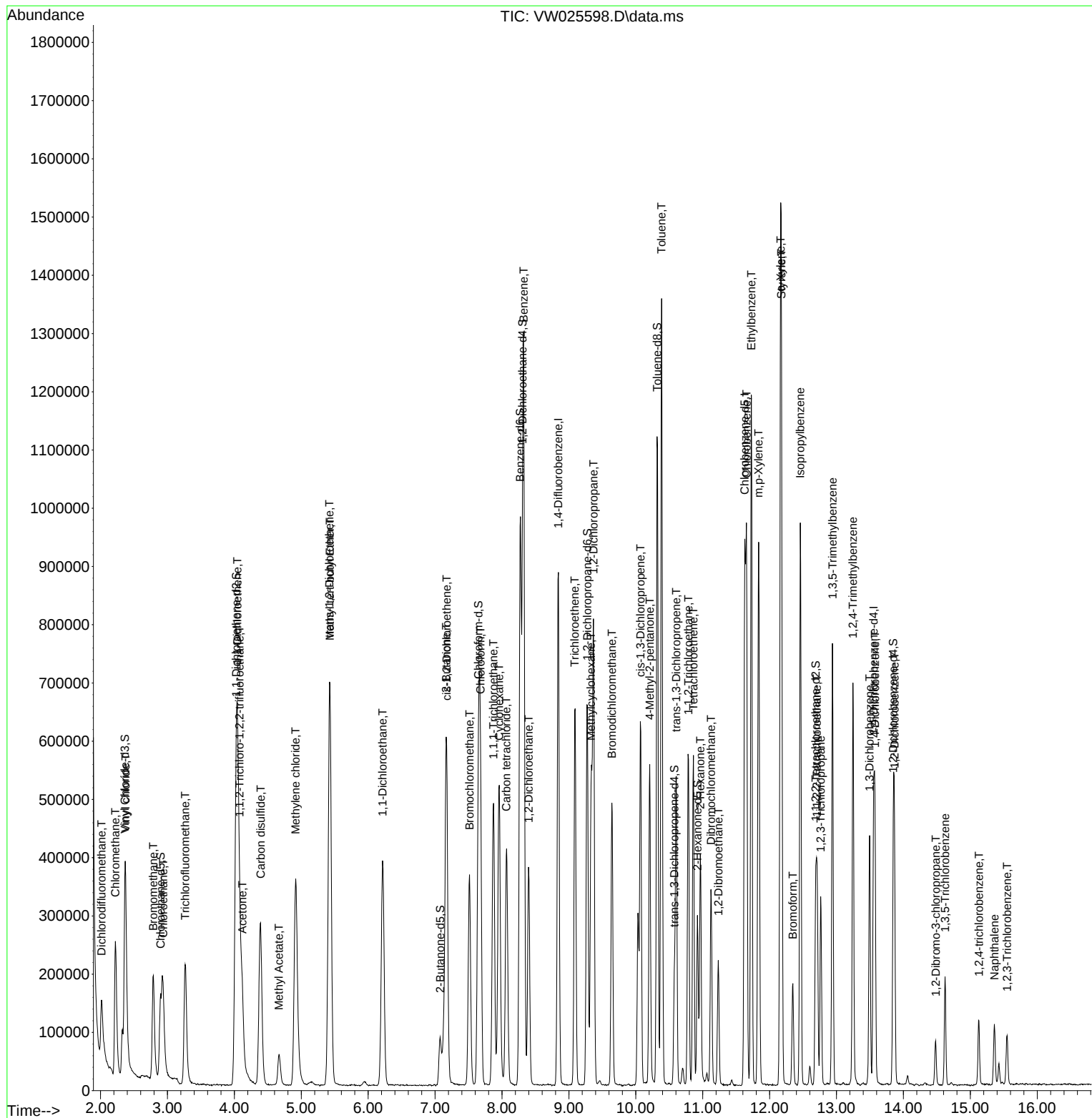
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	342255	26.840	ug/L	98
29) Cyclohexane	7.959	56	298067	21.016	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	389782	35.799	ug/L	100
31) Carbon tetrachloride	8.063	117	305897	31.110	ug/L	98
33) Benzene	8.325	78	1087473	35.655	ug/L	100
34) Trichloroethene	9.087	95	234391	29.545	ug/L	99
35) Methylcyclohexane	9.331	83	195445	13.643	ug/L	100
37) 1,2-Dichloropropane	9.367	63	299057	37.127	ug/L	99
38) Bromodichloromethane	9.642	83	326247	35.399	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	358211	31.002	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	385537	84.559	ug/L	99
42) Toluene	10.386	91	919552	29.608	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277194	29.093	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	177466	34.552	ug/L	97
46) Tetrachloroethene	10.861	164	120166	21.536	ug/L	91
48) 2-Hexanone	10.965	43	269502	85.550	ug/L	98
49) Dibromochloromethane	11.123	129	169751	31.391	ug/L	100
50) 1,2-Dibromoethane	11.233	107	144759	30.675	ug/L	96
51) Chlorobenzene	11.654	112	449255	23.474	ug/L	97
52) Ethylbenzene	11.727	91	793642	22.582	ug/L	97
53) m,p-Xylene	11.837	106	280227	21.742	ug/L	98
54) o-Xylene	12.166	106	272920	22.635	ug/L	96
55) Styrene	12.178	104	438668	21.615	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	164943	26.811	ug/L	96
59) Bromoform	12.349	173	76800	54.781	ug/L	98
60) Isopropylbenzene	12.458	105	591682	36.919	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	131692	62.106	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378143	29.889	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	356944	29.301	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162657	24.491	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	161017	23.739	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	139017	23.876	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	20510	44.093	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	52232	11.747	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	33442	9.258	ug/L	96
71) Naphthalene	15.360	128	83727	12.422	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	27354	8.661	ug/L	99

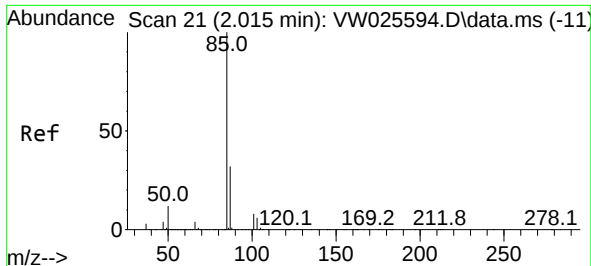
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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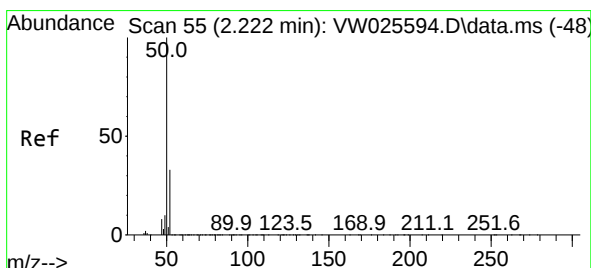
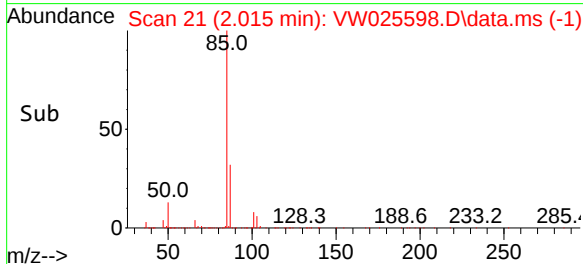
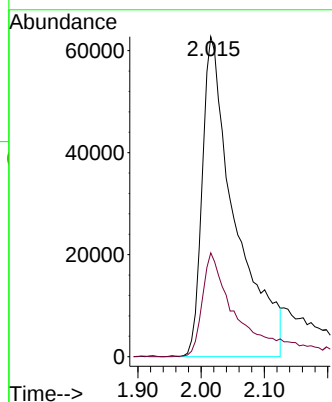
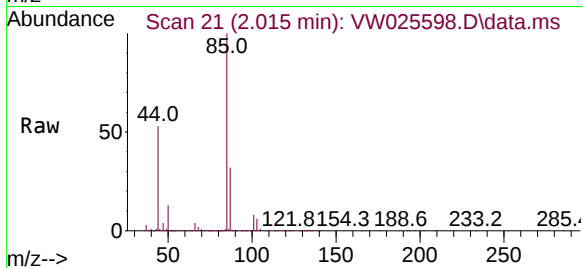




#2
Dichlorodifluoromethane
Concen: 22.926 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

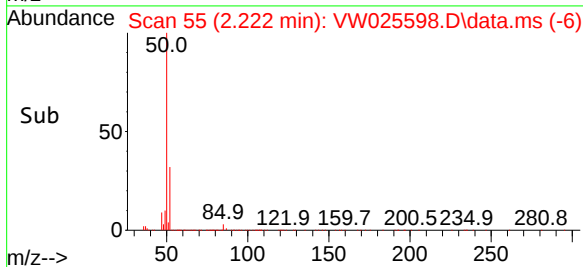
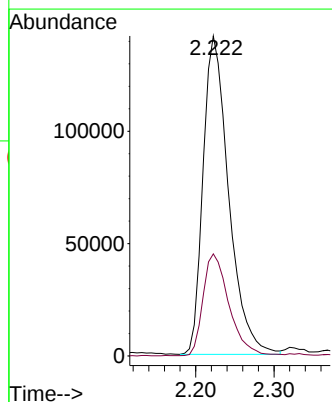
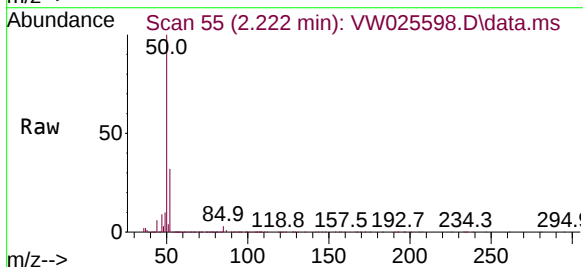
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MSVOA_W
ClientSampleId :
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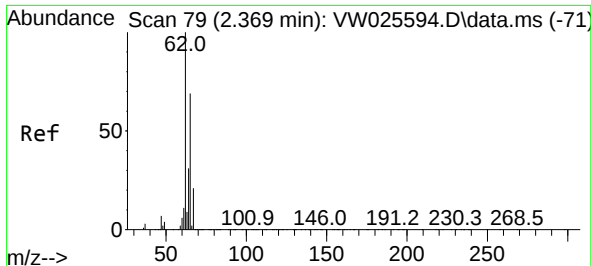
Tgt Ion: 85 Resp: 225988
Ion Ratio Lower Upper
85 100
87 34.1 24.6 37.0



#3
Chloromethane
Concen: 28.168 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 50 Resp: 322129
Ion Ratio Lower Upper
50 100
52 31.9 22.2 41.2

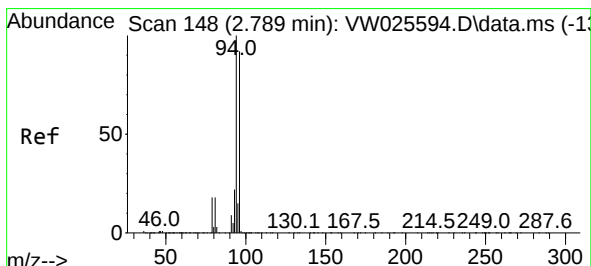
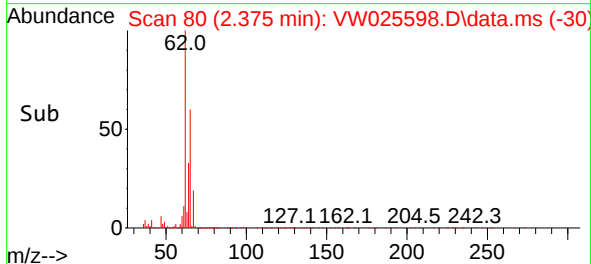
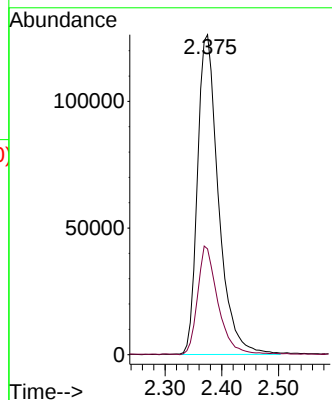
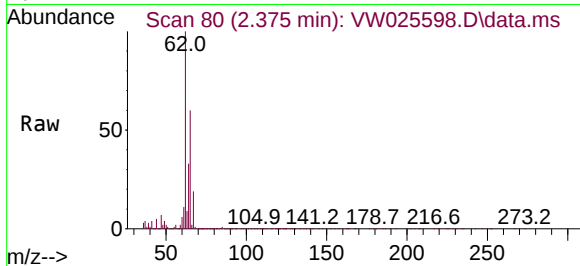




#5
 Vinyl chloride
 Concen: 25.700 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW025598.D
 Acq: 20 Apr 2023 12:05

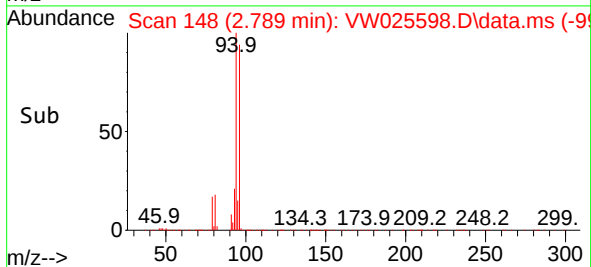
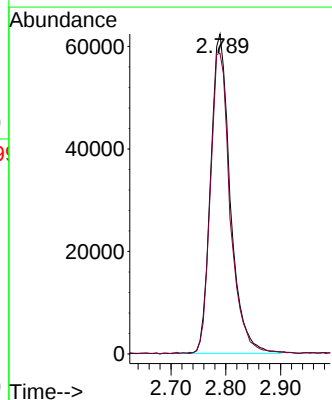
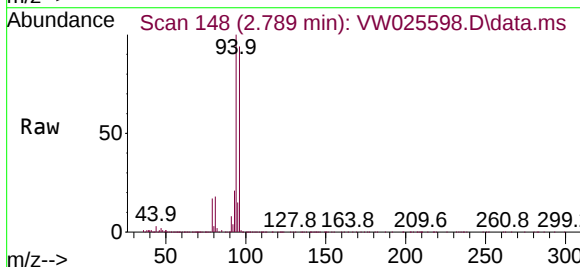
Instrument :
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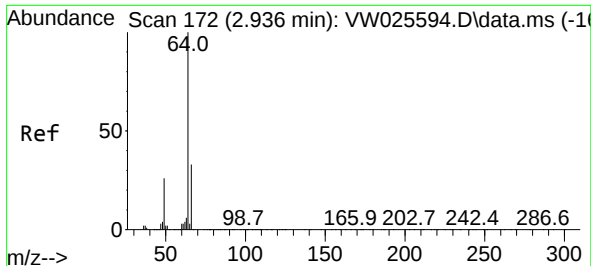
Tgt Ion: 62 Resp: 324899
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.9 44.3



#6
 Bromomethane
 Concen: 22.837 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025598.D
 Acq: 20 Apr 2023 12:05

Tgt Ion: 94 Resp: 155304
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.0 118.8

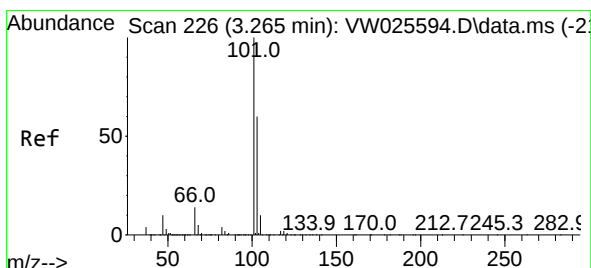
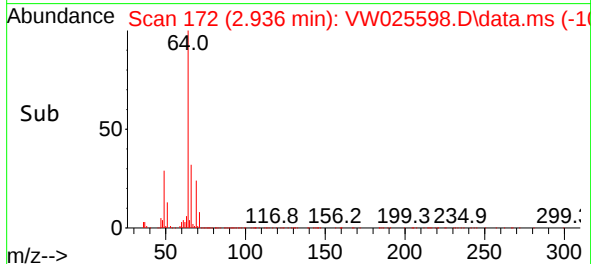
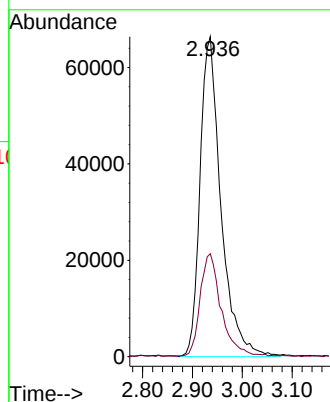
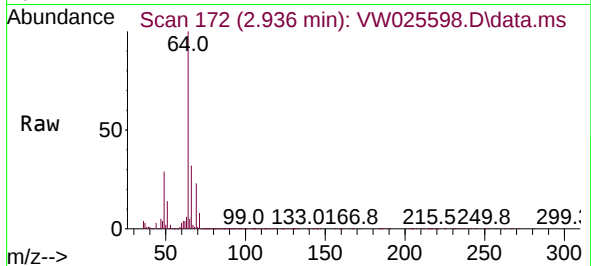




#8
Chloroethane
Concen: 27.267 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

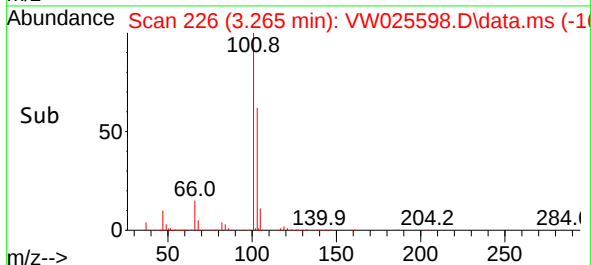
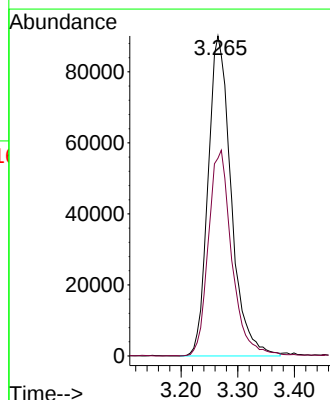
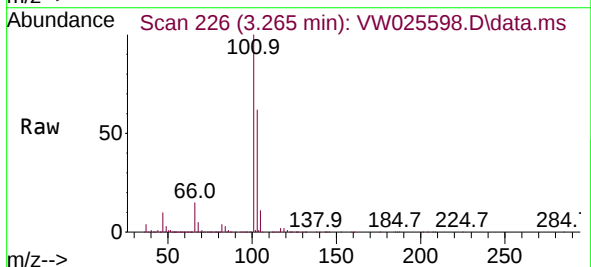
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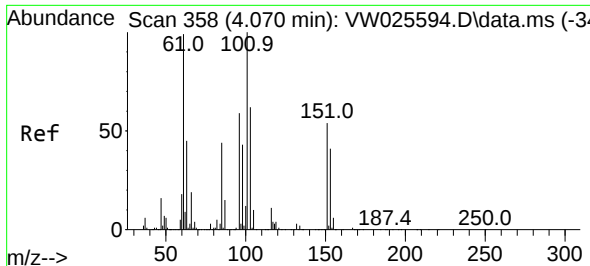
Tgt Ion: 64 Resp: 193061
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 26.154 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 101 Resp: 254728
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

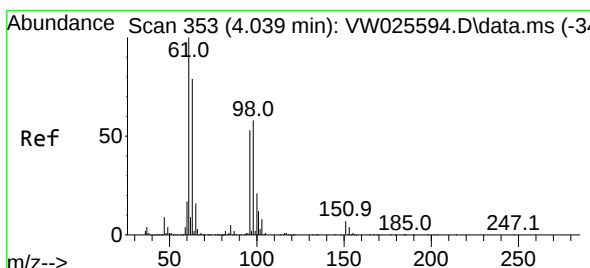
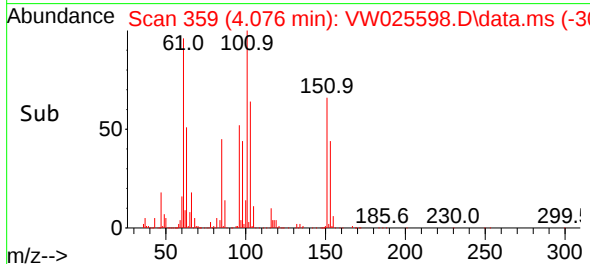
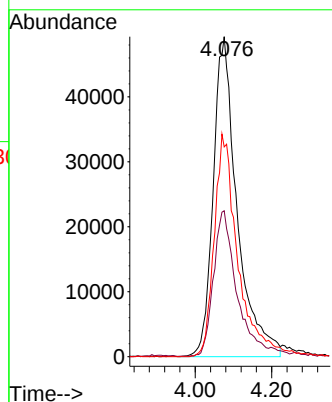
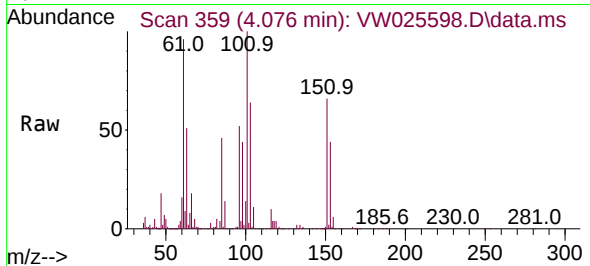




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.872 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW025598.D
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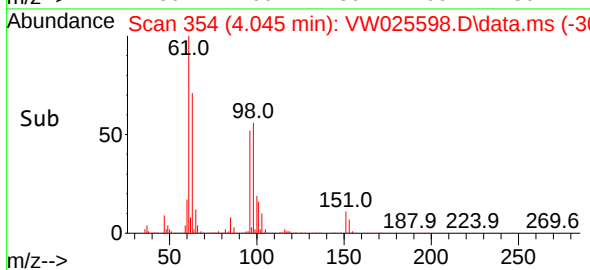
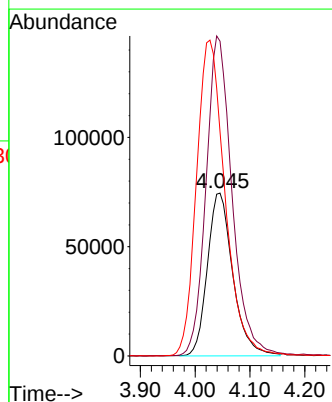
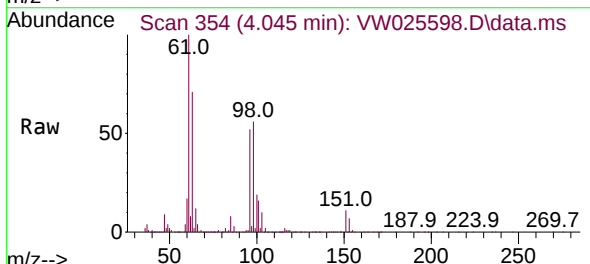
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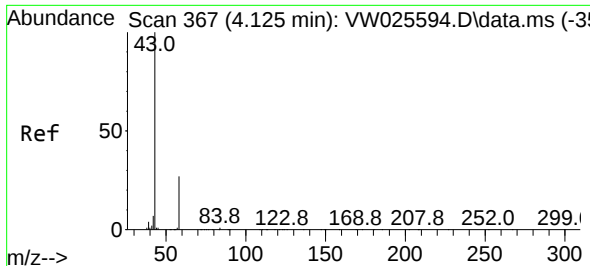
Tgt Ion:101 Resp: 213766
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 68.5 54.8 82.2



#12
1,1-Dichloroethene
Concen: 24.555 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 96 Resp: 240219
Ion Ratio Lower Upper
96 100
61 193.2 132.7 246.4
63 137.6 105.0 195.0

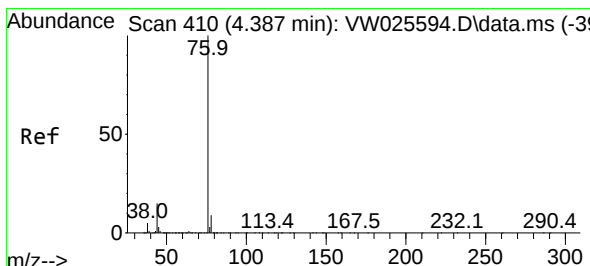
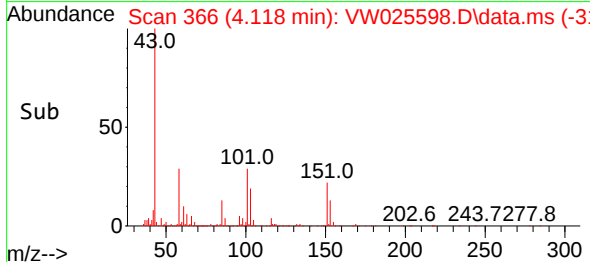
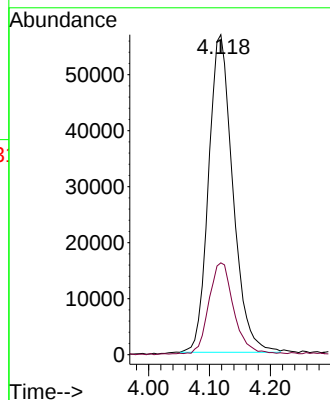
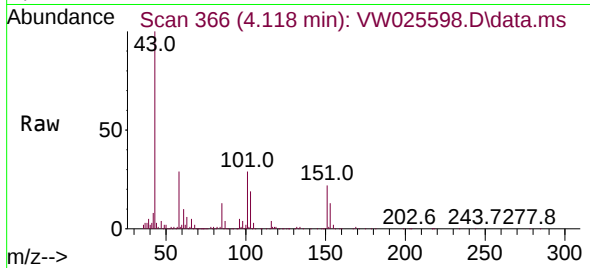




#13
Acetone
Concen: 72.450 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025598.D
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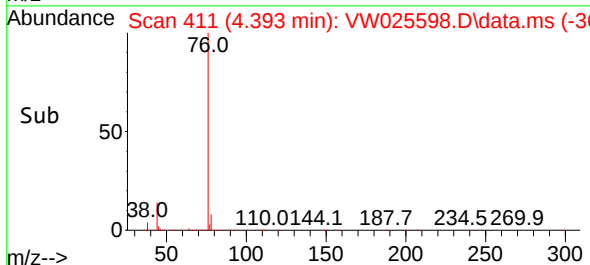
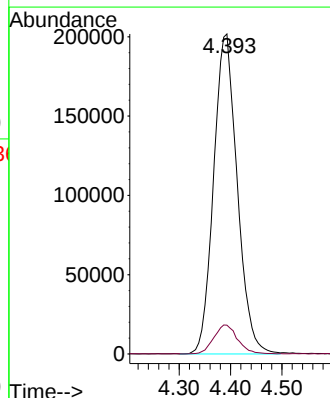
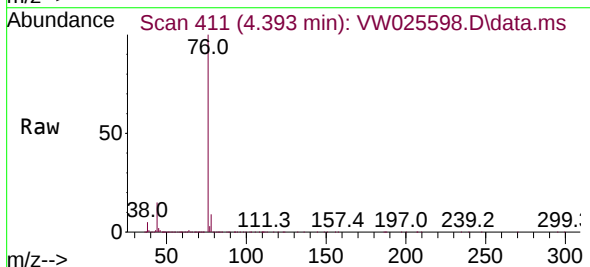
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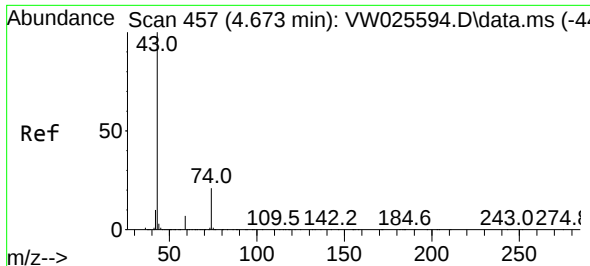
Tgt Ion: 43 Resp: 156906
Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.4



#14
Carbon disulfide
Concen: 18.651 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Acq: 20 Apr 2023 12:05

Tgt Ion: 76 Resp: 643737
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

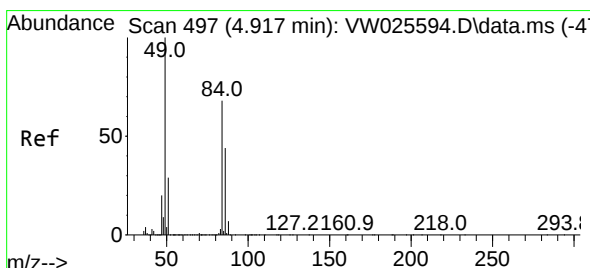
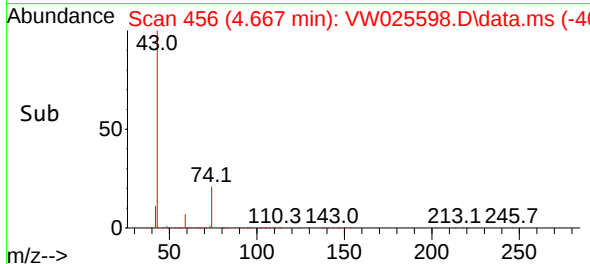
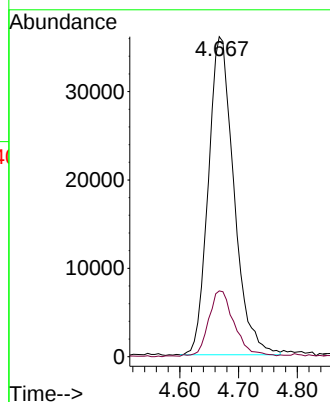
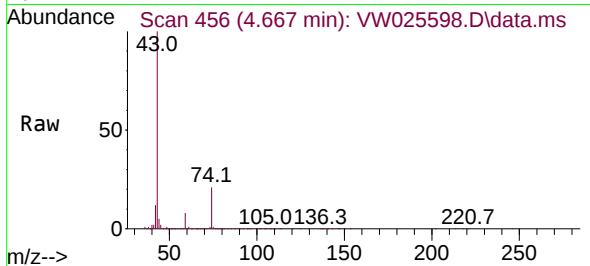




#15
Methyl Acetate
Concen: 22.409 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

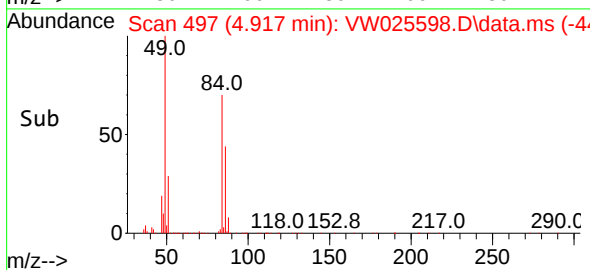
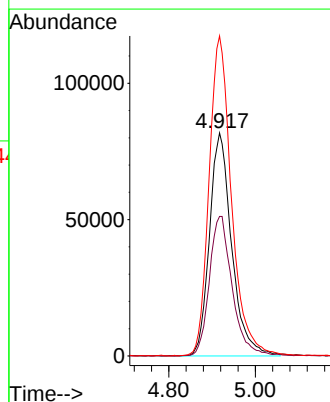
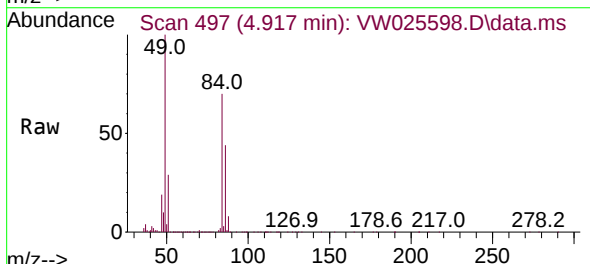
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

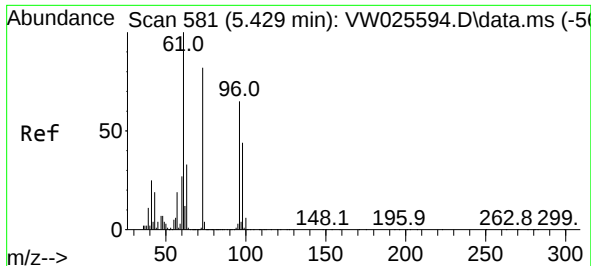
Tgt Ion: 43 Resp: 109035
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4



#16
Methylene chloride
Concen: 26.062 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 84 Resp: 292004
Ion Ratio Lower Upper
84 100
86 62.6 44.9 83.3
49 143.5 101.4 188.4

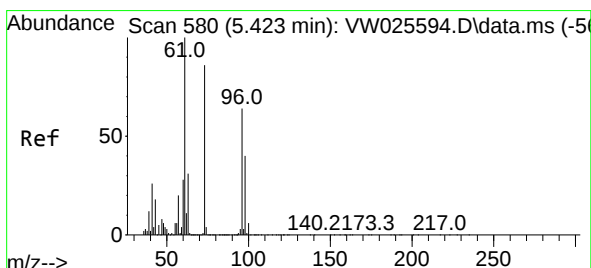
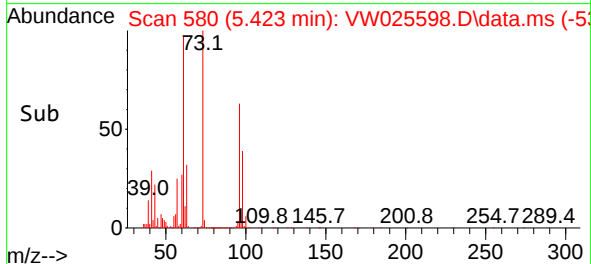
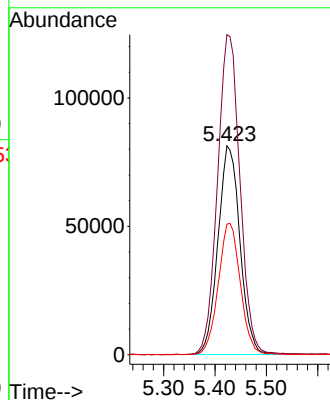
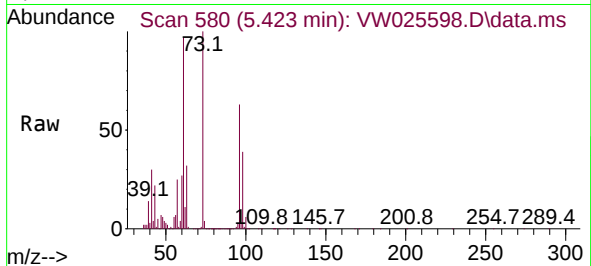




#17
trans-1,2-Dichloroethene
Concen: 23.220 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

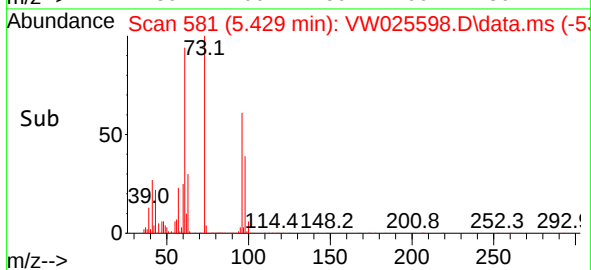
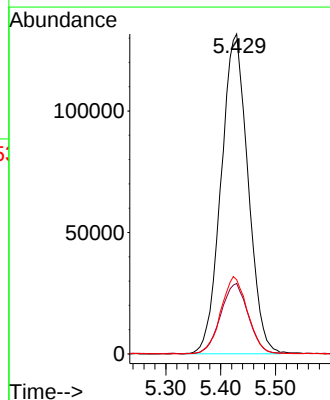
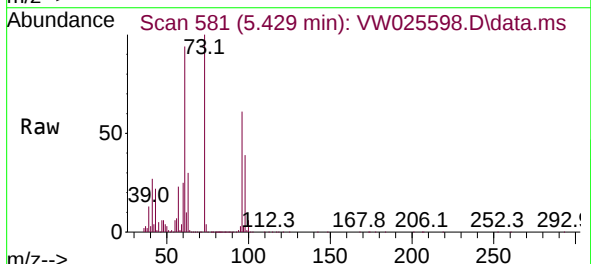
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

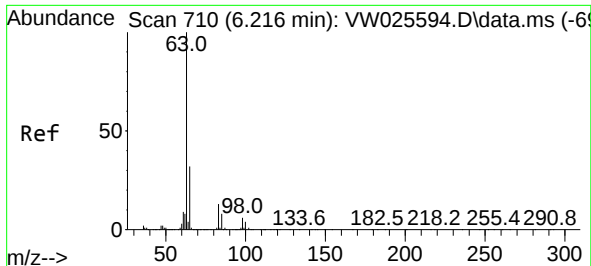
Tgt Ion: 96 Resp: 241503
Ion Ratio Lower Upper
96 100
61 153.2 113.3 210.3
98 62.5 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 31.217 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 73 Resp: 448078
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 23.8 19.0 28.6





#19

1,1-Dichloroethane

Concen: 27.834 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

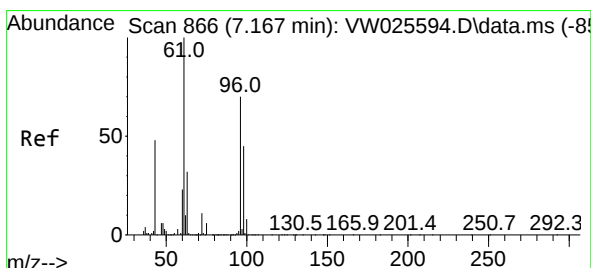
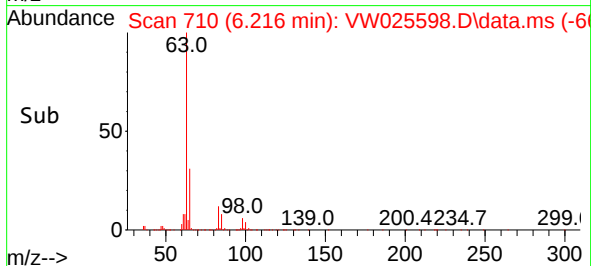
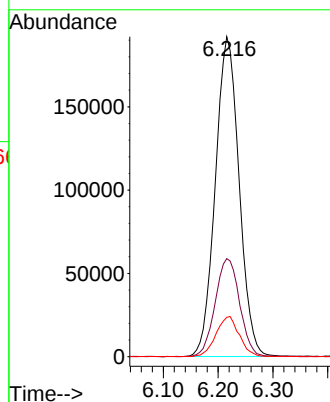
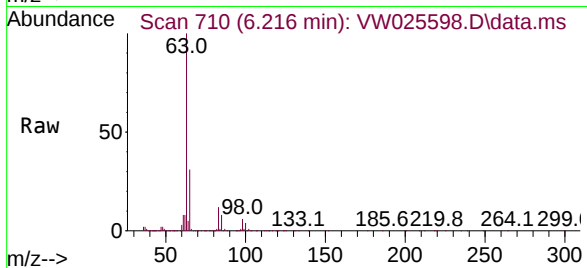
Tgt Ion: 63 Resp: 578402

Ion Ratio Lower Upper

63 100

65 30.7 21.9 40.7

83 12.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.162 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

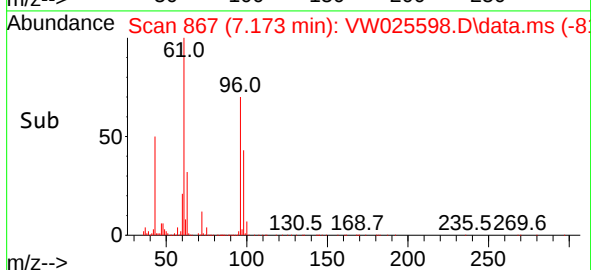
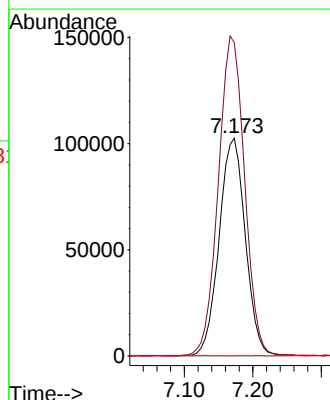
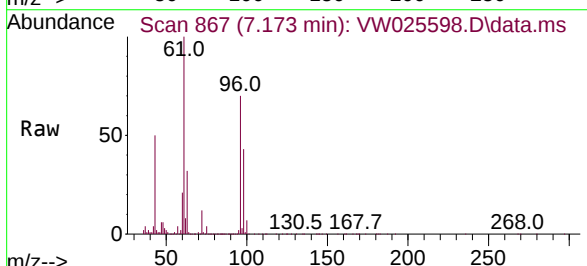
Tgt Ion: 96 Resp: 272293

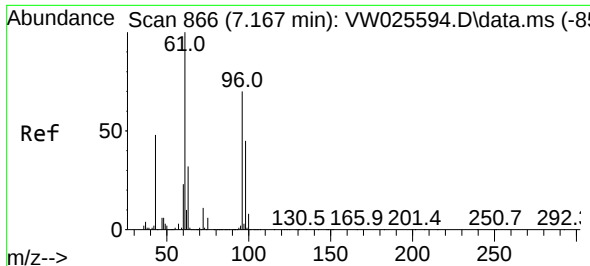
Ion Ratio Lower Upper

96 100

61 143.9 102.6 190.6

68 0.1 0.1 0.1#

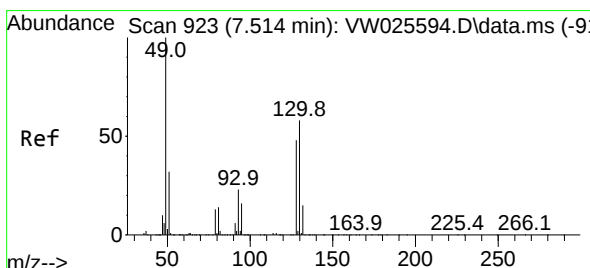
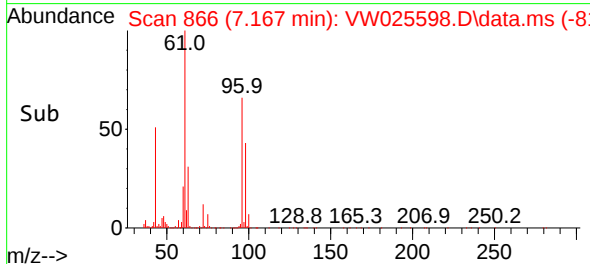
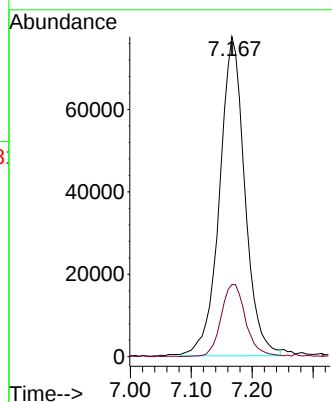
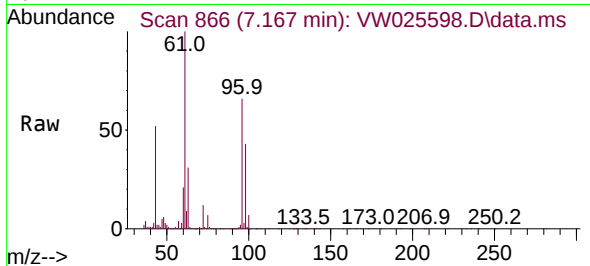




#22
2-Butanone
Concen: 72.676 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

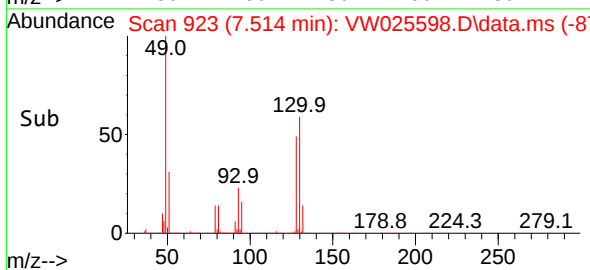
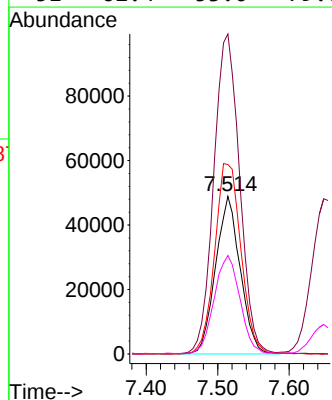
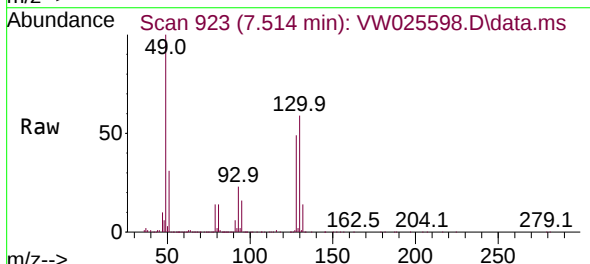
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

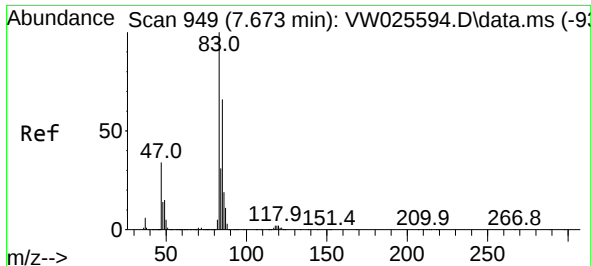
Tgt Ion: 43 Resp: 223751
Ion Ratio Lower Upper
43 100
72 22.0 12.0 36.0



#23
Bromochloromethane
Concen: 26.277 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 128 Resp: 116614
Ion Ratio Lower Upper
128 100
49 203.0 141.7 263.3
130 120.2 86.7 160.9
51 62.4 53.0 79.6

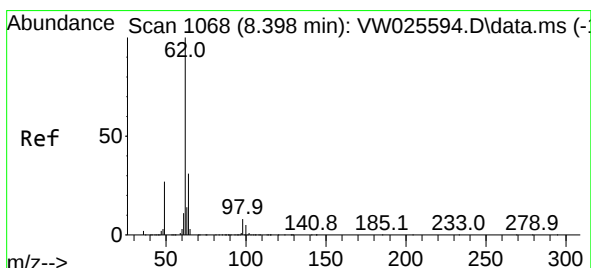
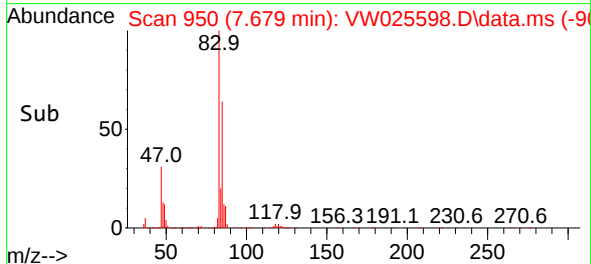
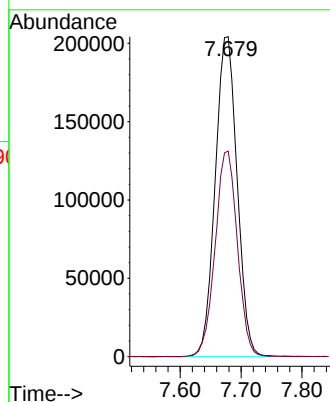
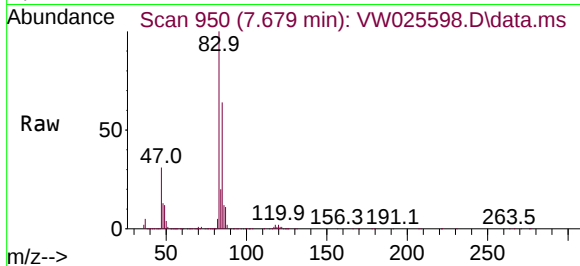




#25
Chloroform
Concen: 26.856 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

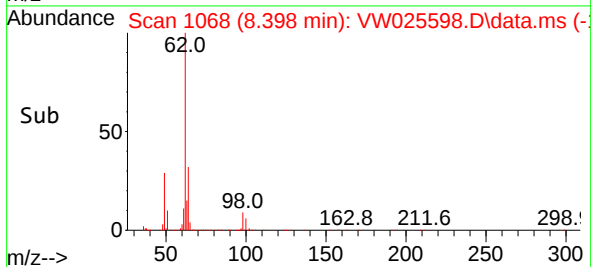
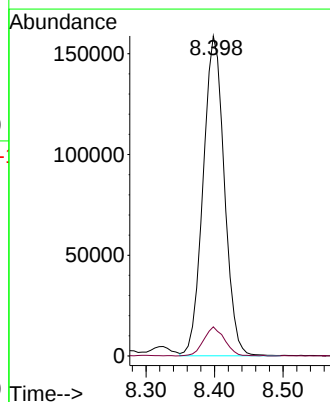
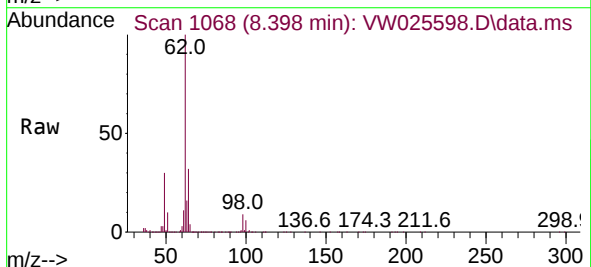
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

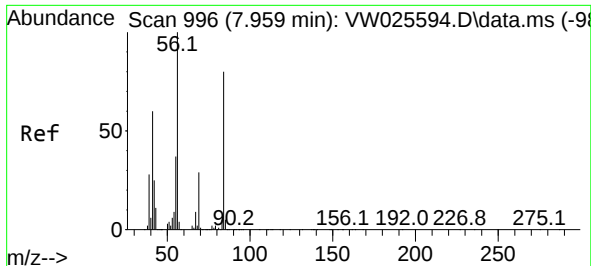
Tgt Ion: 83 Resp: 510347
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.840 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 62 Resp: 342255
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0





#29

Cyclohexane

Concen: 21.016 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

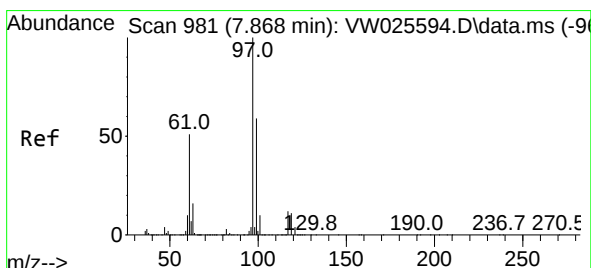
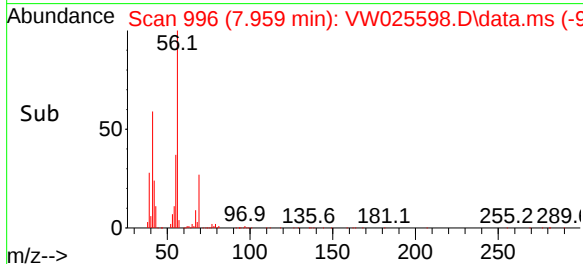
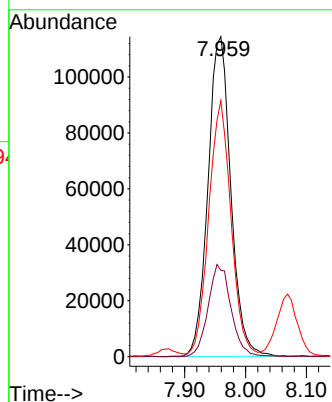
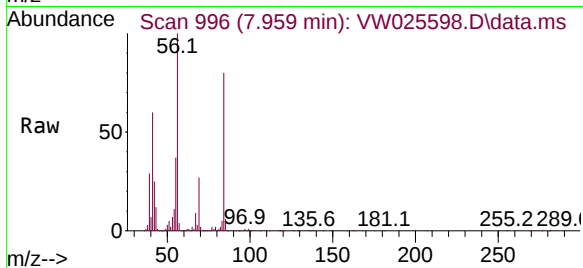
Tgt Ion: 56 Resp: 298067

Ion Ratio Lower Upper

56 100

69 29.1 22.7 34.1

84 78.2 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 35.799 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

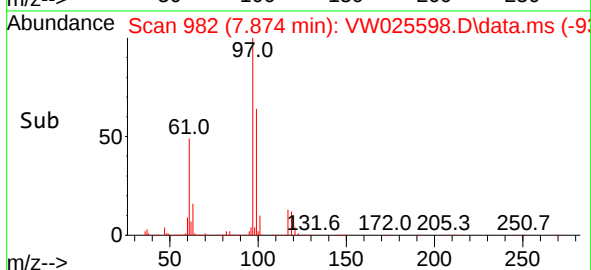
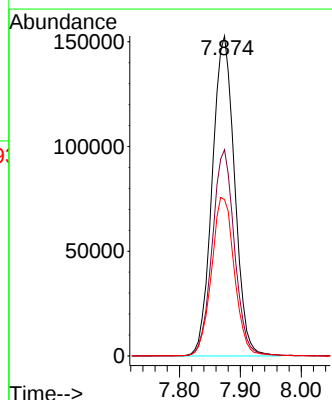
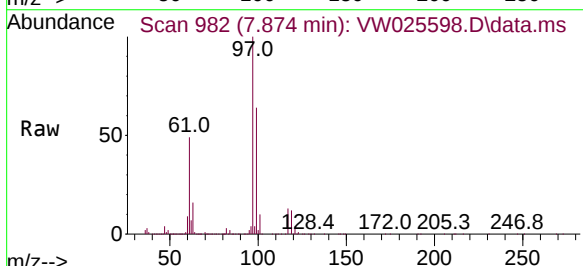
Tgt Ion: 97 Resp: 389782

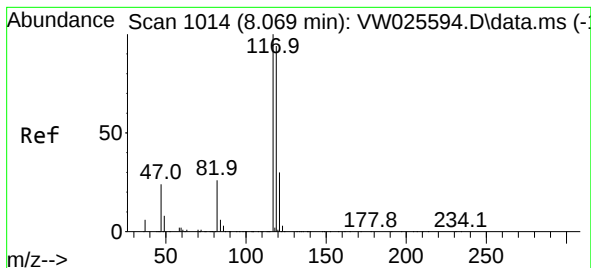
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 50.5 40.5 60.7





#31

Carbon tetrachloride

Concen: 31.110 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

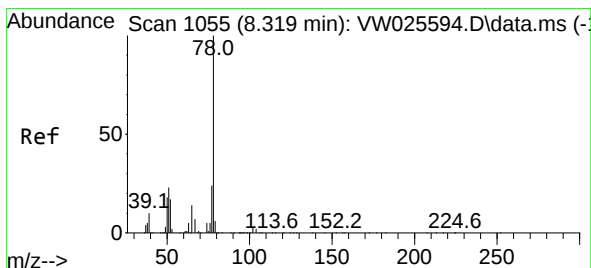
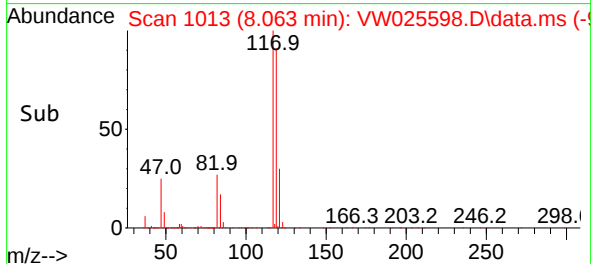
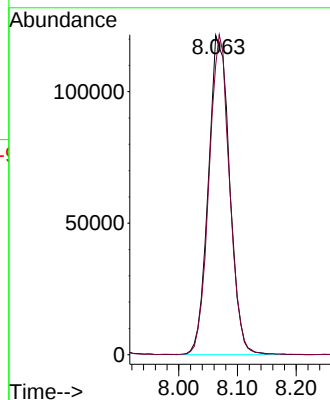
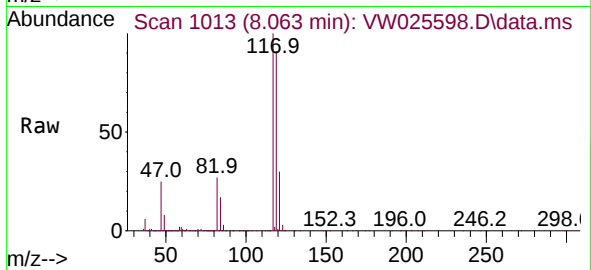
EW8Z5REMSD

Tgt Ion:117 Resp: 305897

Ion Ratio Lower Upper

117 100

119 96.5 75.7 113.5



#33

Benzene

Concen: 35.655 ug/L

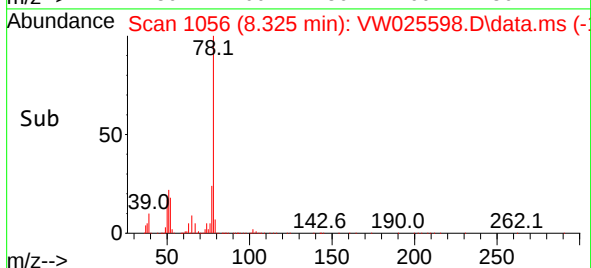
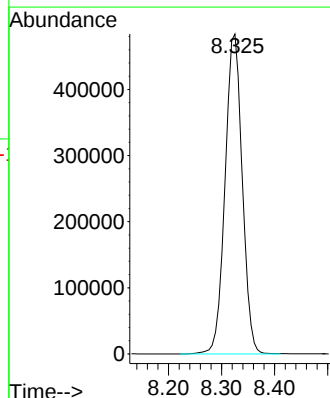
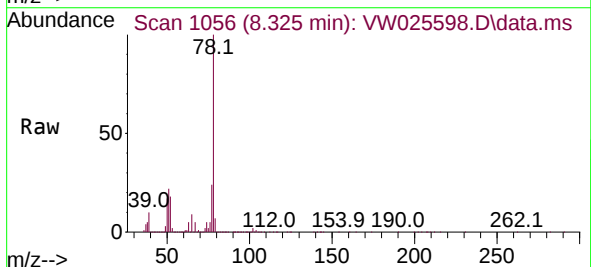
RT: 8.325 min Scan# 1056

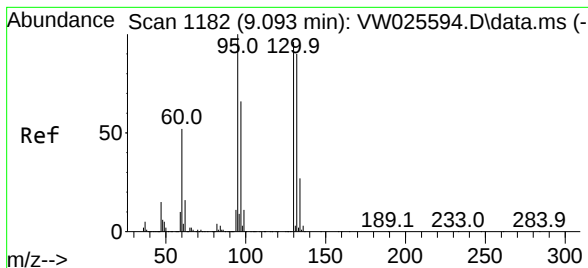
Delta R.T. 0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Tgt Ion: 78 Resp: 1087473





#34

Trichloroethene

Concen: 29.545 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

Tgt Ion: 95 Resp: 234391

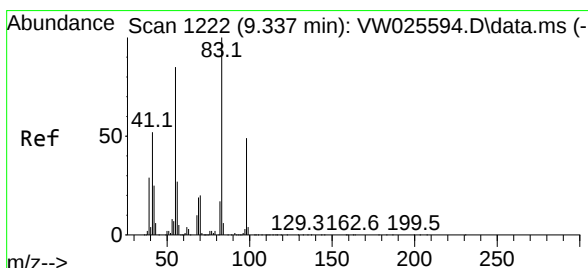
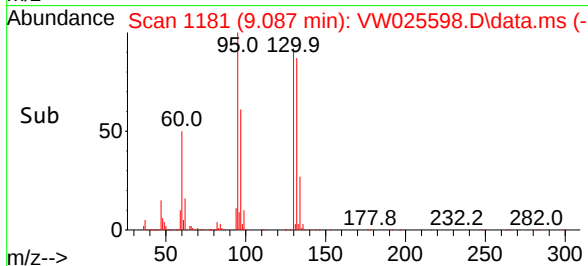
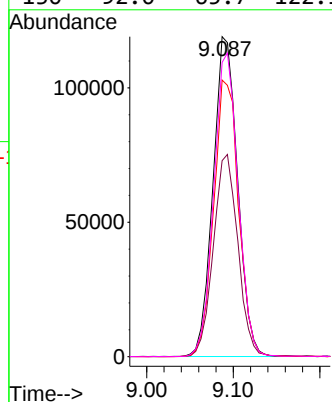
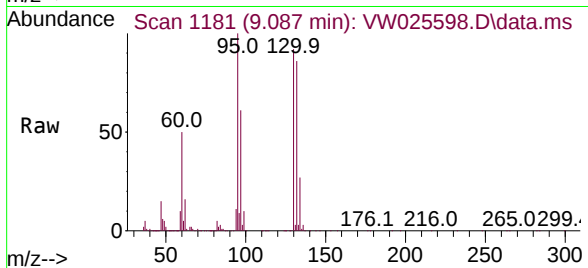
Ion Ratio Lower Upper

95 100

97 61.3 42.5 78.9

132 86.5 59.8 111.1

130 92.0 65.7 122.1



#35

Methylcyclohexane

Concen: 13.643 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

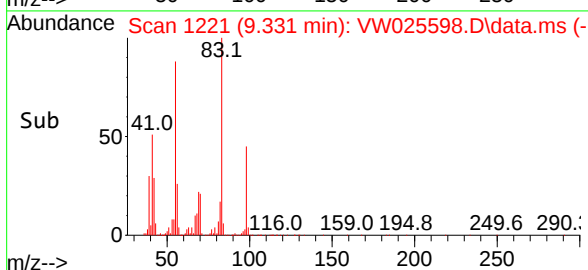
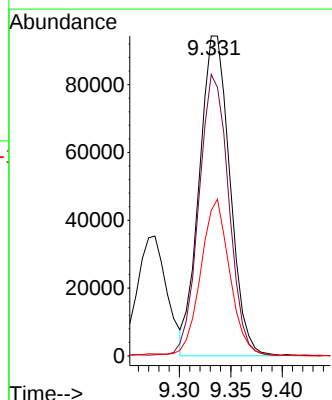
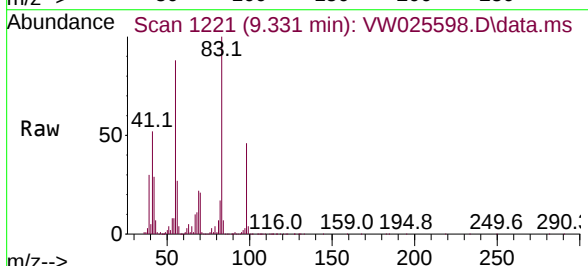
Tgt Ion: 83 Resp: 195445

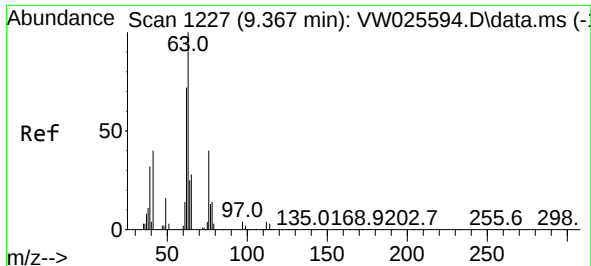
Ion Ratio Lower Upper

83 100

55 85.6 68.7 103.1

98 46.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 37.127 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

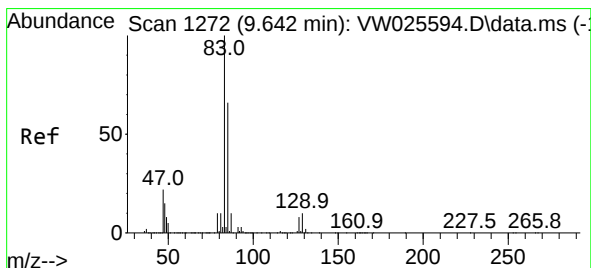
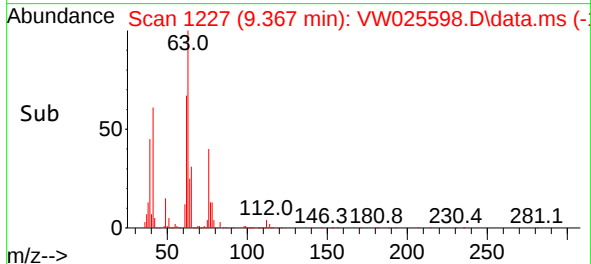
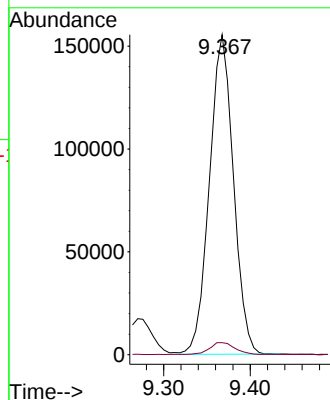
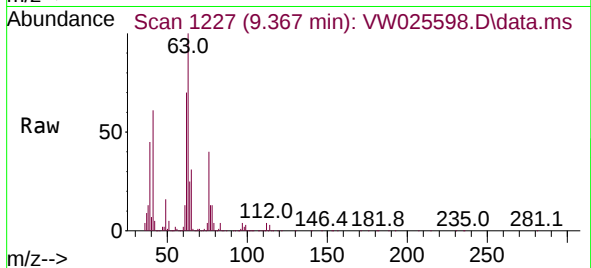
EW8Z5REMSD

Tgt Ion: 63 Resp: 299057

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.0



#38

Bromodichloromethane

Concen: 35.399 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

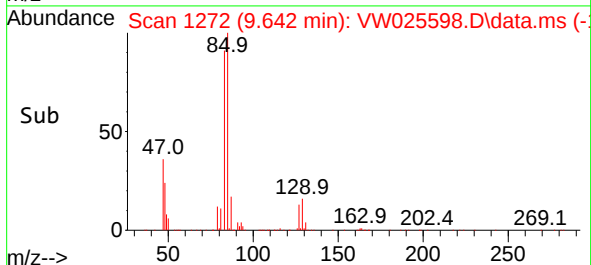
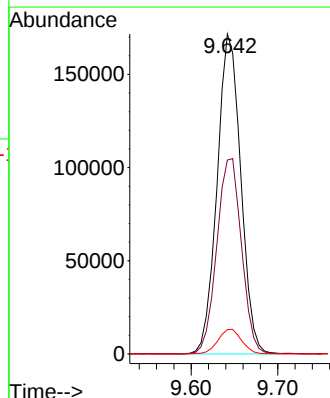
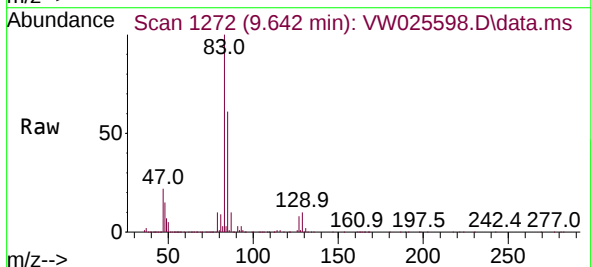
Tgt Ion: 83 Resp: 326247

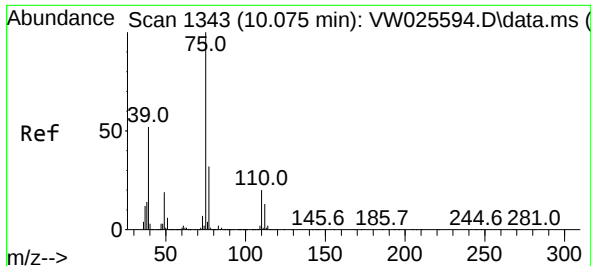
Ion Ratio Lower Upper

83 100

85 60.6 43.5 80.7

127 7.6 5.8 8.8

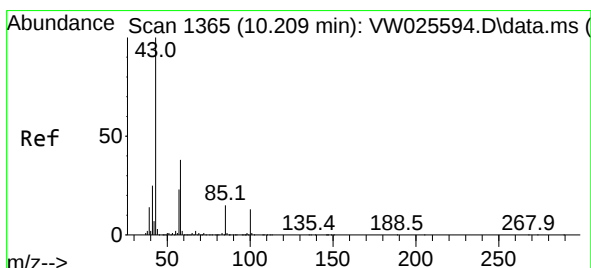
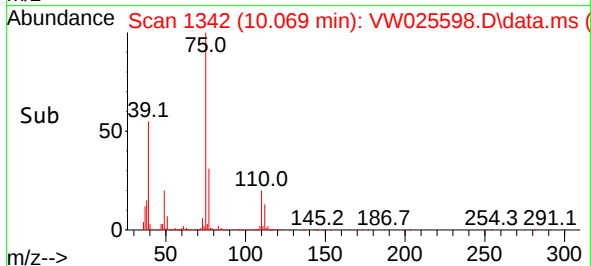
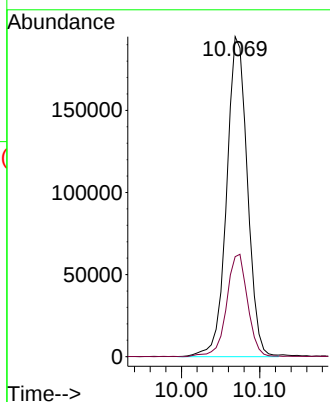
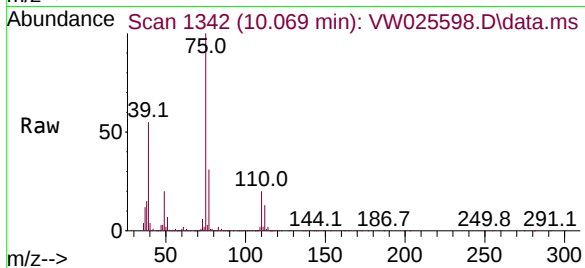




#39
cis-1,3-Dichloropropene
Concen: 31.002 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

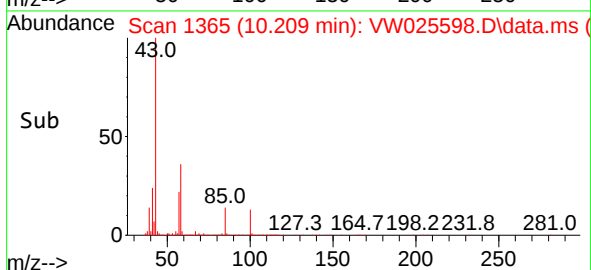
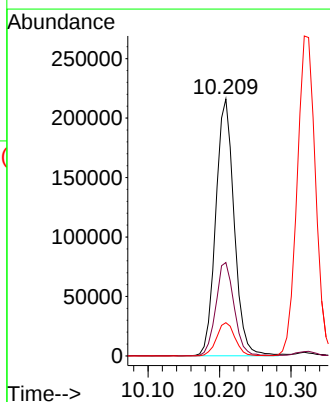
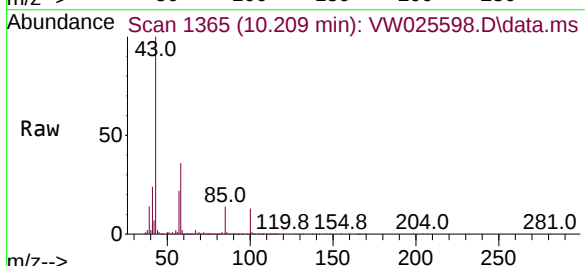
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

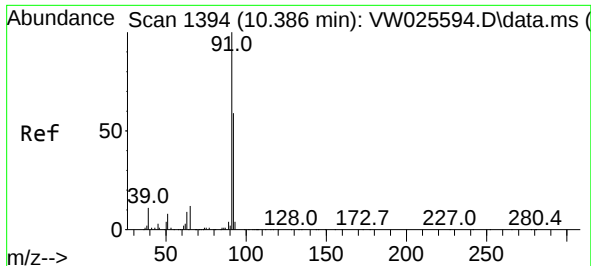
Tgt Ion: 75 Resp: 358211
Ion Ratio Lower Upper
75 100
77 31.2 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 84.559 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 43 Resp: 385537
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8
100 13.2 10.2 15.4

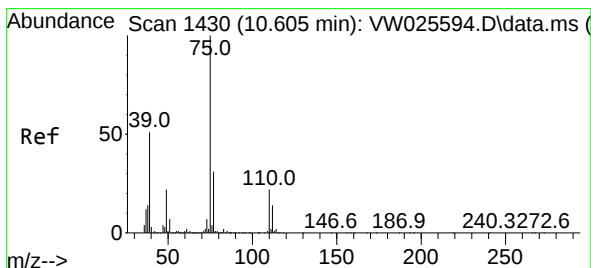
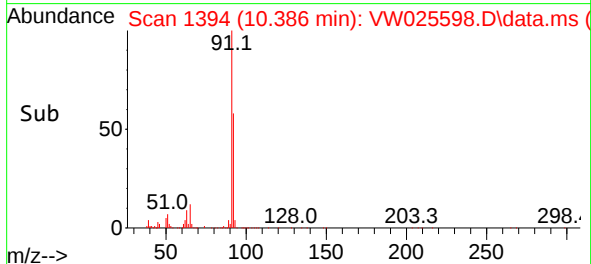
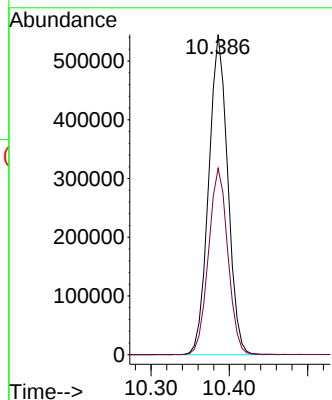
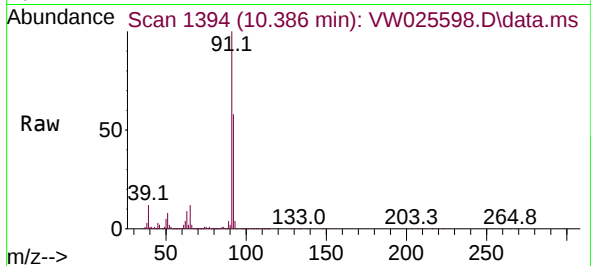




#42
Toluene
Concen: 29.608 ug/L
RT: 10.386 min Scan# 111
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

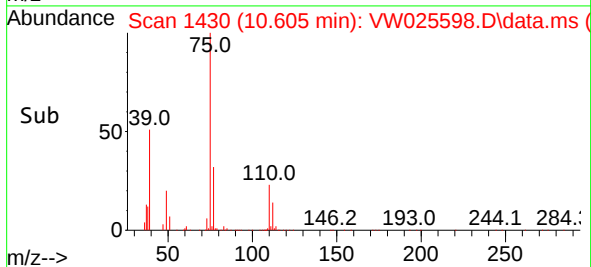
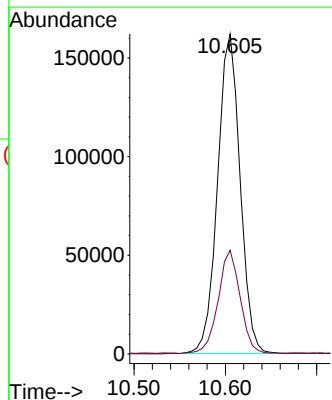
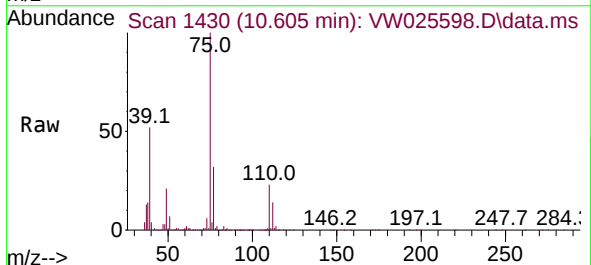
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

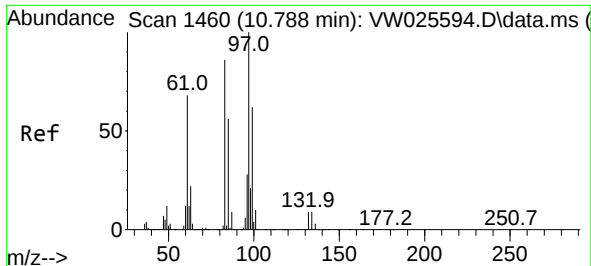
Tgt Ion: 91 Resp: 919552
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 29.093 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 75 Resp: 277194
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.9



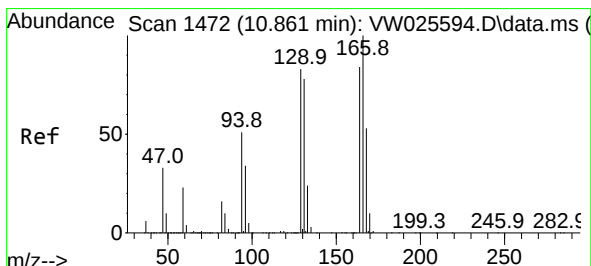
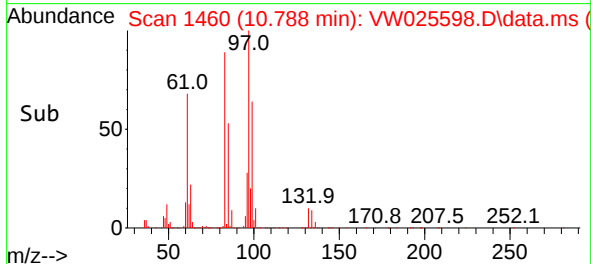
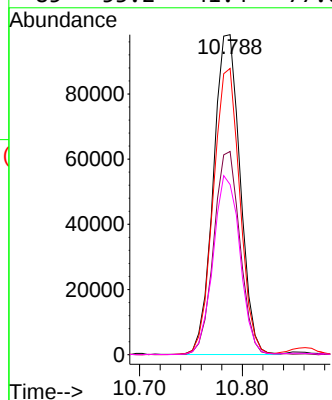
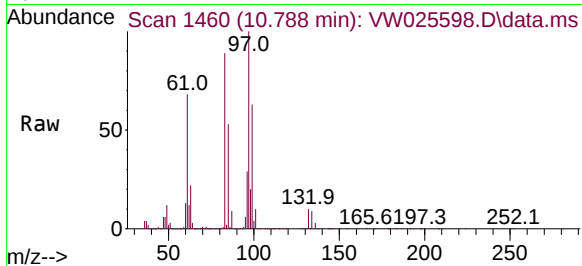


#45
1,1,2-Trichloroethane
Concen: 34.552 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

Tgt Ion: 97 Resp: 177466

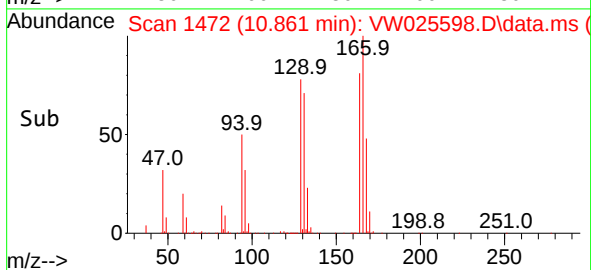
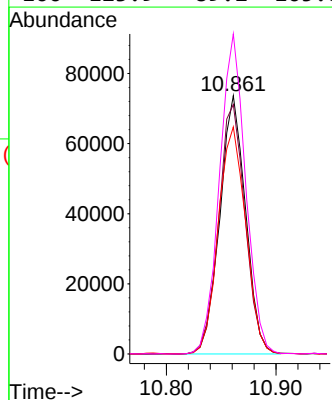
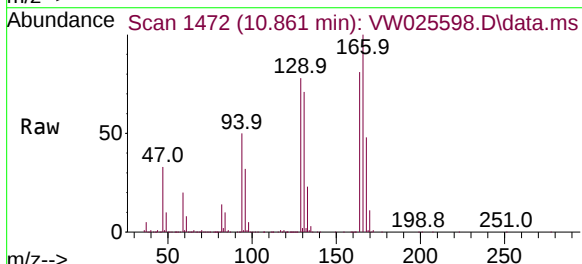
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.3
83	89.4	61.8	114.8
85	53.2	41.4	77.0

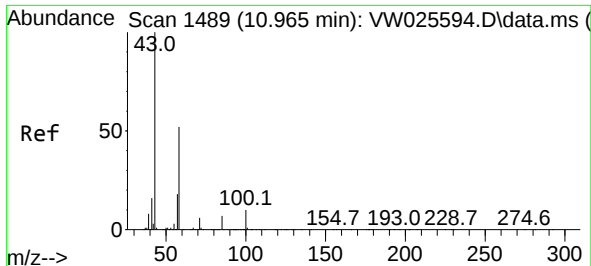


#46
Tetrachloroethene
Concen: 21.536 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 164 Resp: 120166

Ion	Ratio	Lower	Upper
164	100		
129	96.6	76.9	142.9
131	87.9	70.5	130.9
166	123.9	89.2	165.8



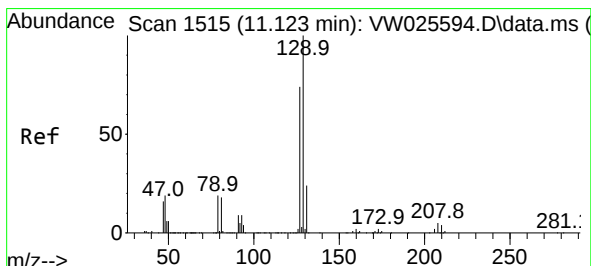
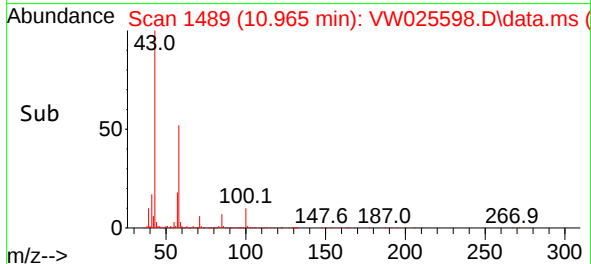
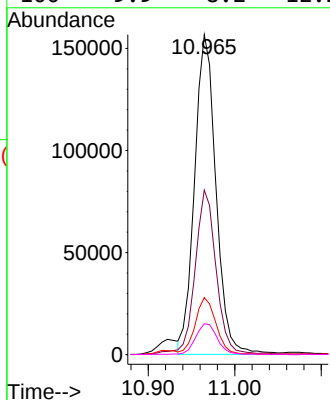
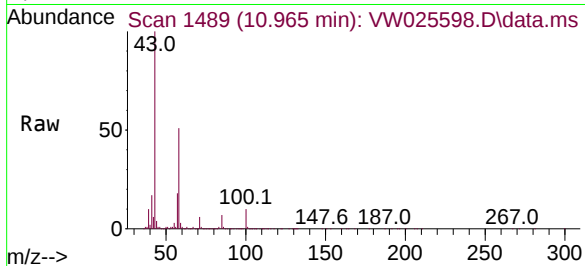


#48
2-Hexanone
Concen: 85.550 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

Tgt Ion: 43 Resp: 269502

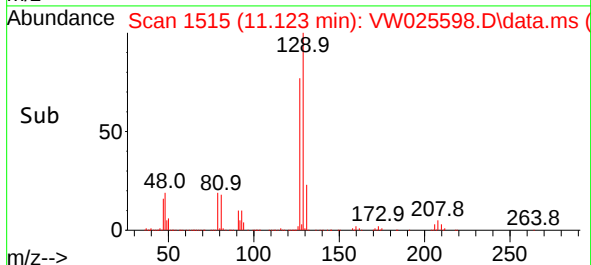
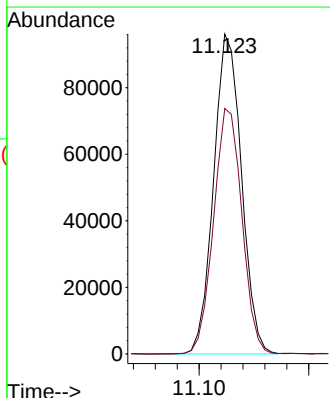
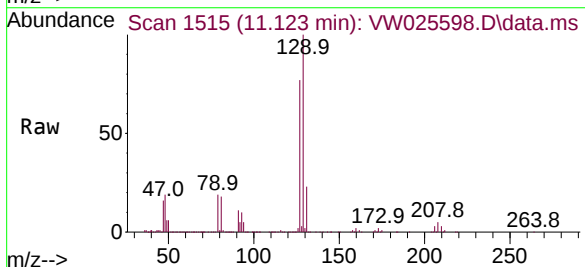
Ion	Ratio	Lower	Upper
43	100		
58	50.5	38.6	57.8
57	17.2	13.9	20.9
100	9.9	8.2	12.2

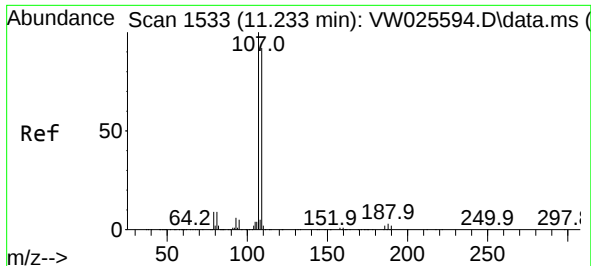


#49
Dibromochloromethane
Concen: 31.391 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 129 Resp: 169751

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.0	100.2

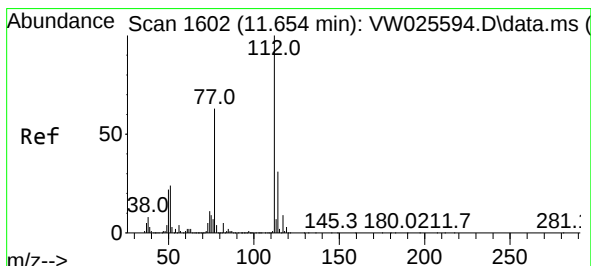
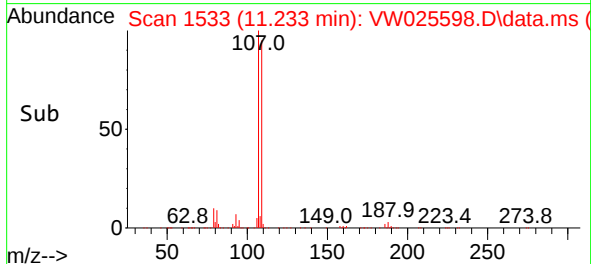
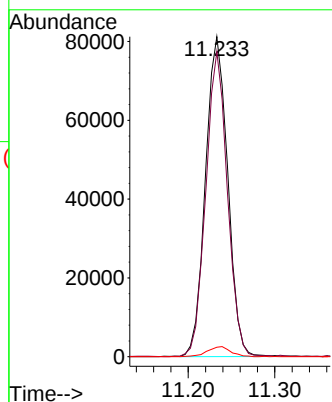
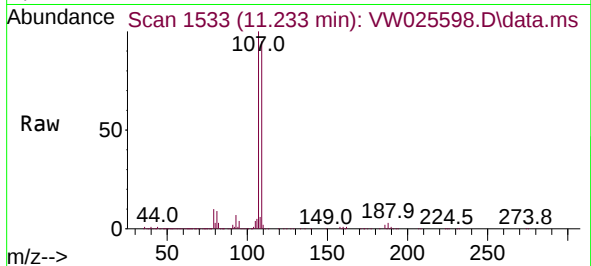




#50
1,2-Dibromoethane
Concen: 30.675 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

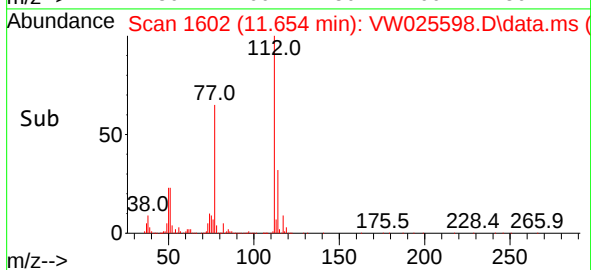
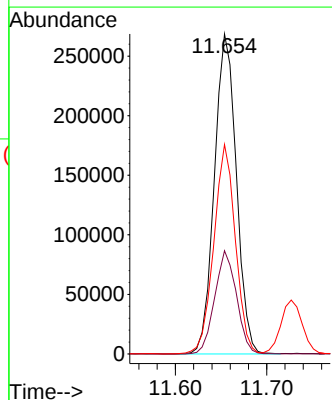
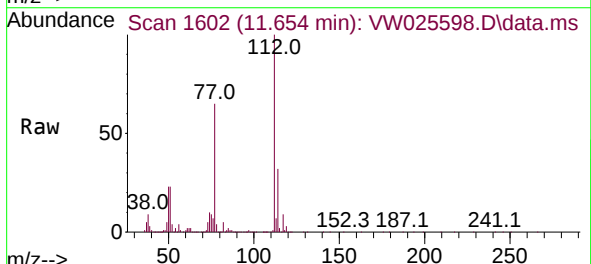
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

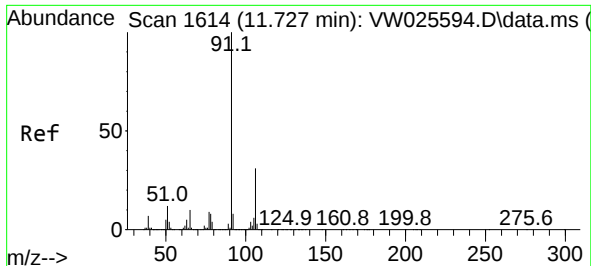
Tgt Ion:107 Resp: 144759
Ion Ratio Lower Upper
107 100
109 95.3 64.1 119.1
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 23.474 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion:112 Resp: 449255
Ion Ratio Lower Upper
112 100
114 32.2 21.6 40.2
77 65.5 50.2 75.2

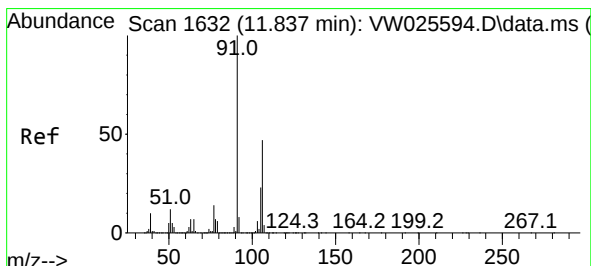
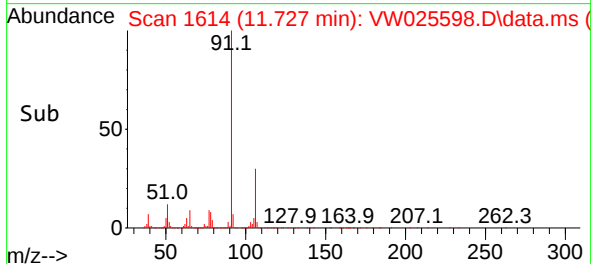
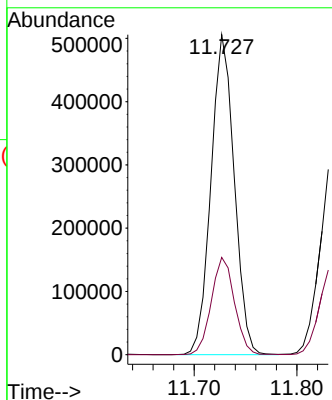
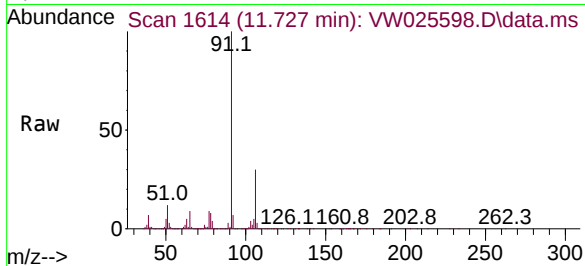




#52
Ethylbenzene
Concen: 22.582 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

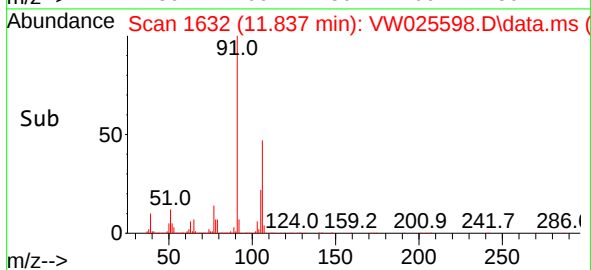
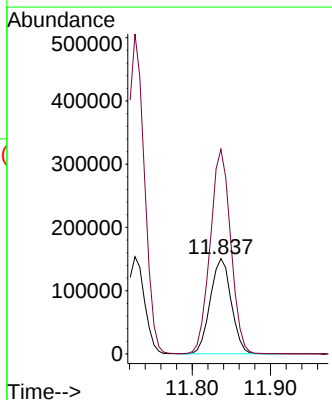
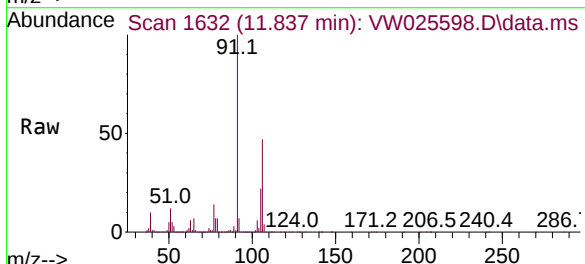
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

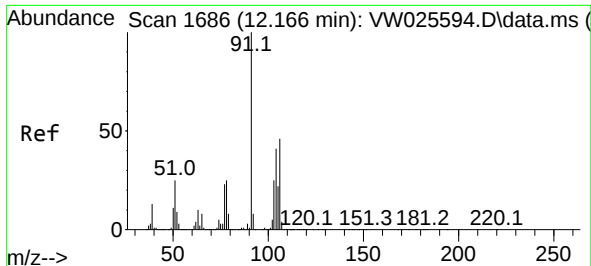
Tgt Ion: 91 Resp: 793642
Ion Ratio Lower Upper
91 100
106 30.4 20.3 37.7



#53
m,p-Xylene
Concen: 21.742 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion: 106 Resp: 280227
Ion Ratio Lower Upper
106 100
91 214.6 148.0 274.8

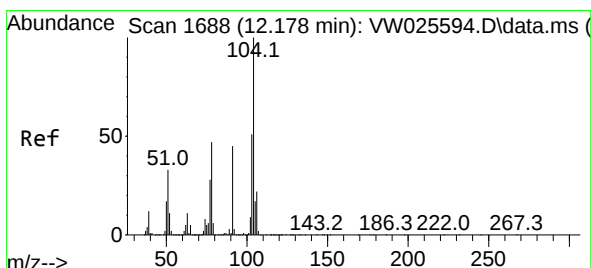
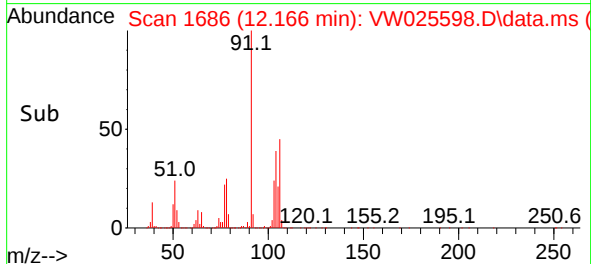
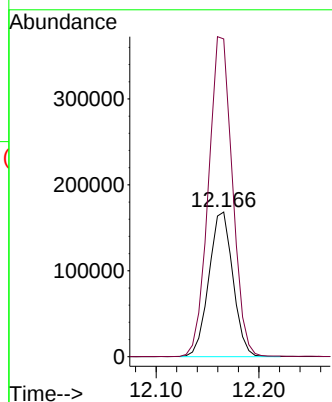
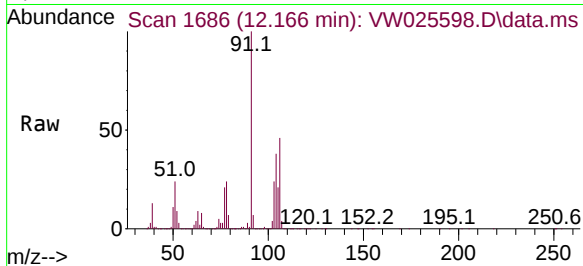




#54
o-Xylene
Concen: 22.635 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

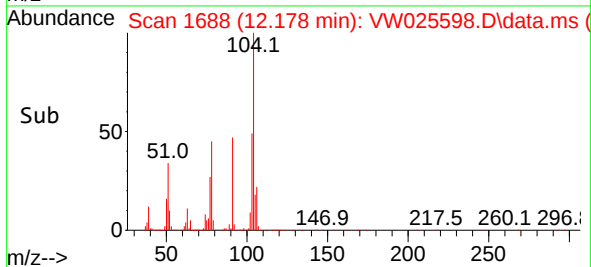
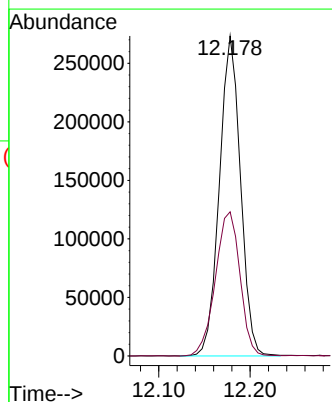
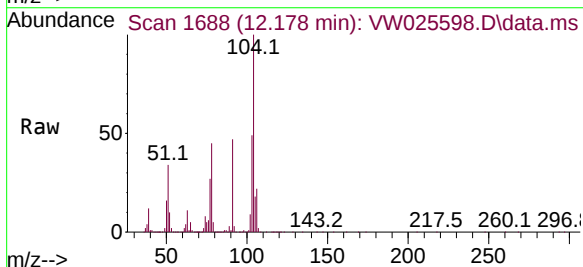
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

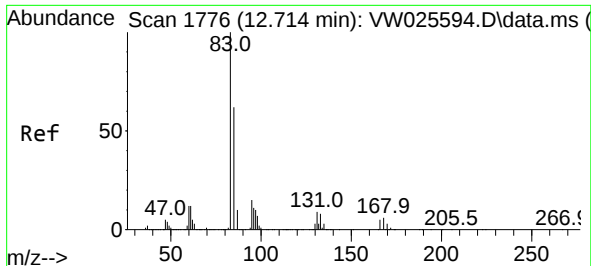
Tgt Ion:106 Resp: 272920
Ion Ratio Lower Upper
106 100
91 219.7 158.2 293.8



#55
Styrene
Concen: 21.615 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion:104 Resp: 438668
Ion Ratio Lower Upper
104 100
78 45.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.811 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

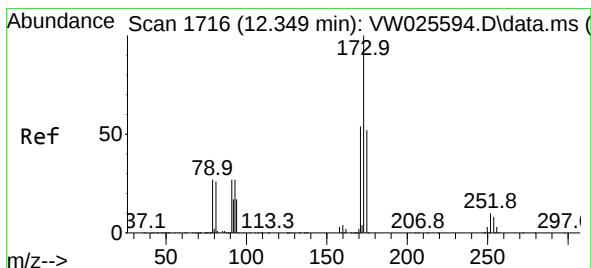
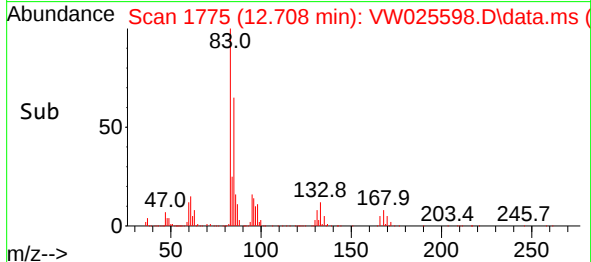
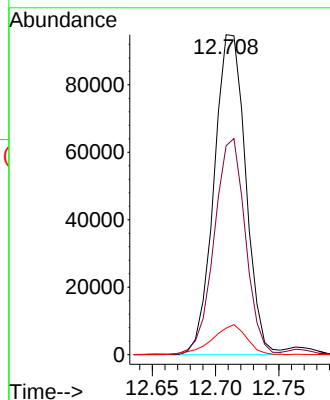
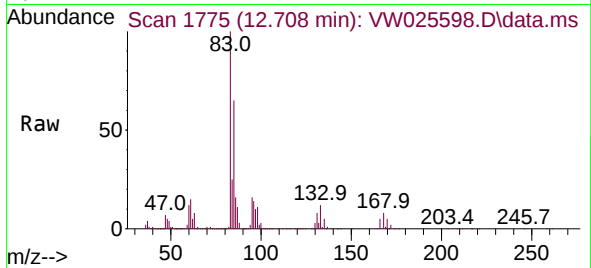
Tgt Ion: 83 Resp: 164943

Ion Ratio Lower Upper

83 100

85 65.3 43.5 80.7

131 8.3 7.0 10.4



#59

Bromoform

Concen: 54.781 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

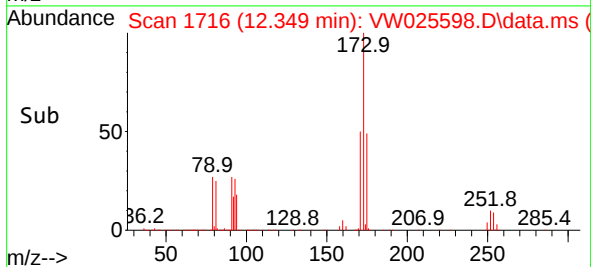
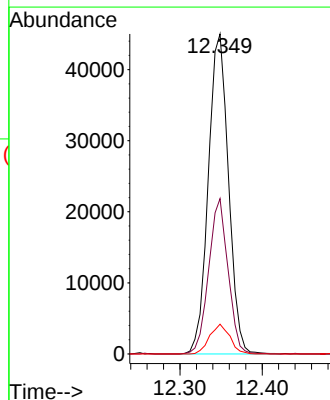
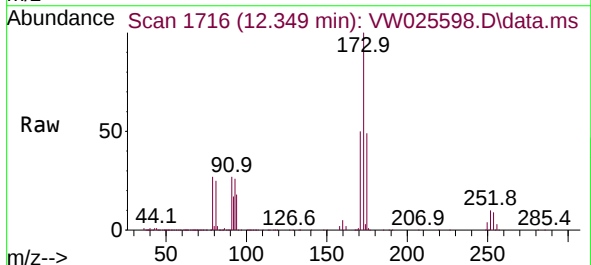
Tgt Ion:173 Resp: 76800

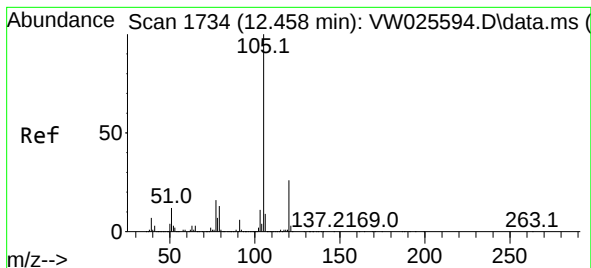
Ion Ratio Lower Upper

173 100

175 46.5 36.1 54.1

254 9.3 7.0 10.6





#60

Isopropylbenzene

Concen: 36.919 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

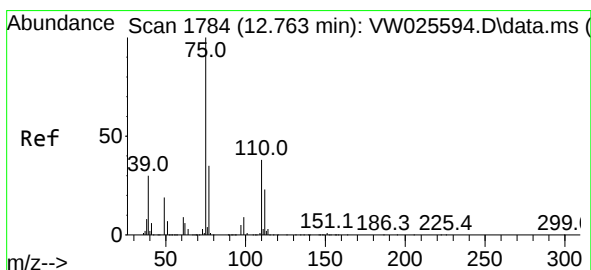
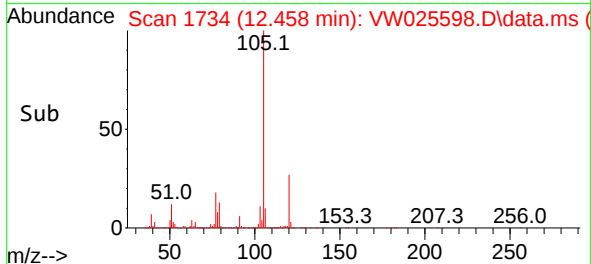
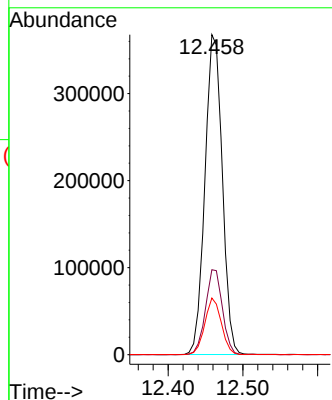
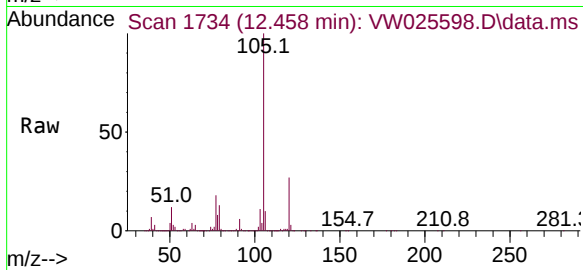
Tgt Ion:105 Resp: 591682

Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

77 16.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 62.106 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

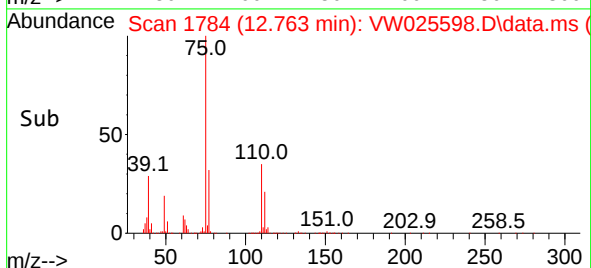
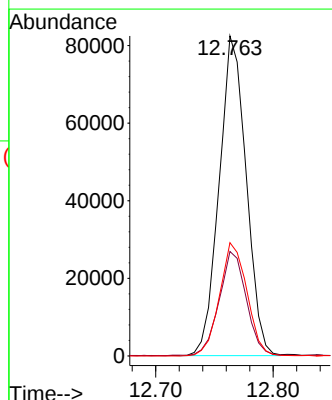
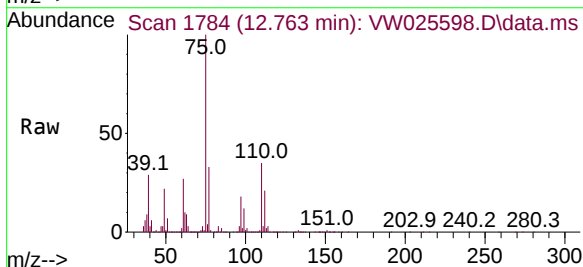
Tgt Ion: 75 Resp: 131692

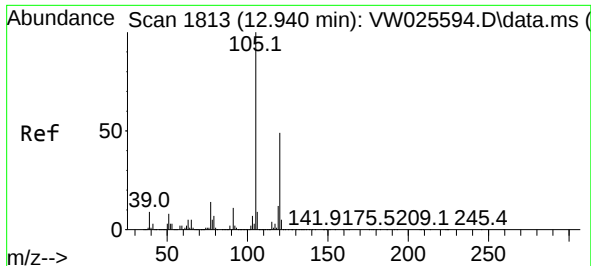
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2

110 36.0 29.0 43.6

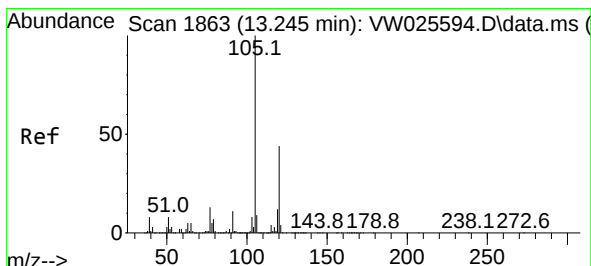
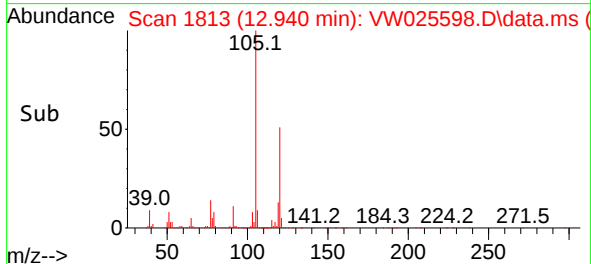
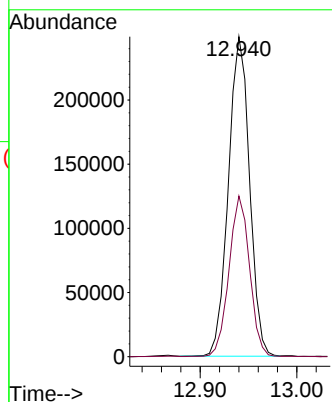
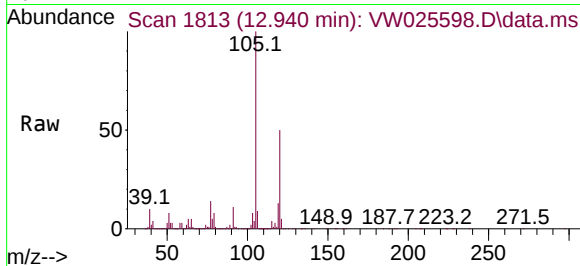




#62
1,3,5-Trimethylbenzene
Concen: 29.889 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

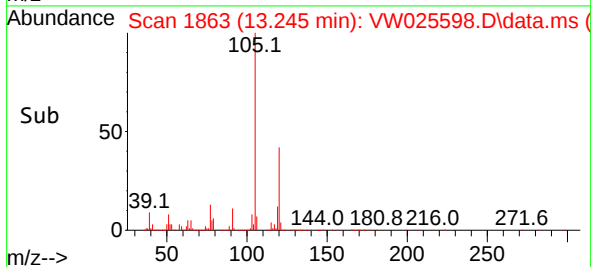
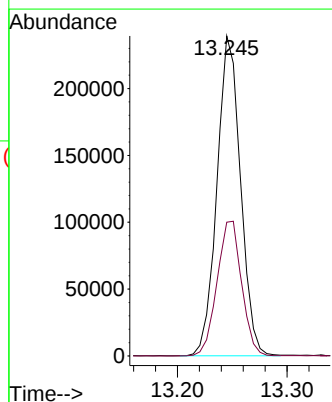
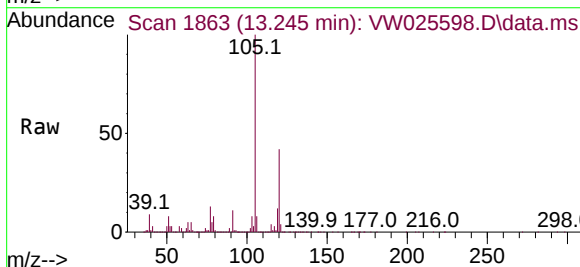
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

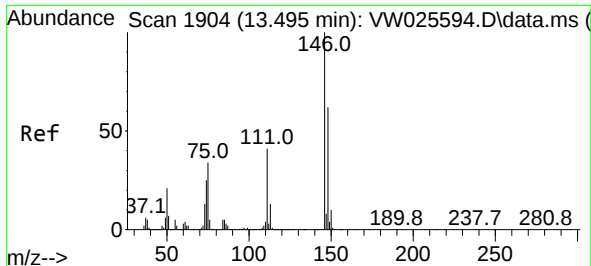
Tgt Ion:105 Resp: 378143
Ion Ratio Lower Upper
105 100
120 49.0 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 29.301 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion:105 Resp: 356944
Ion Ratio Lower Upper
105 100
120 44.1 34.8 52.2

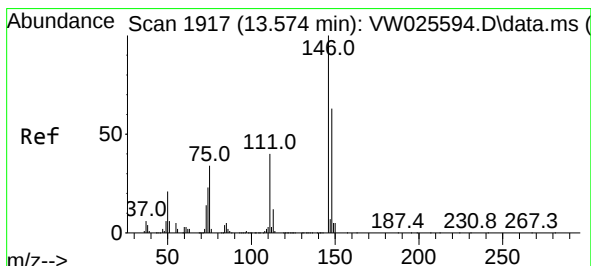
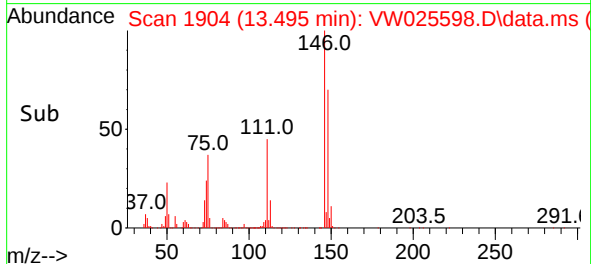
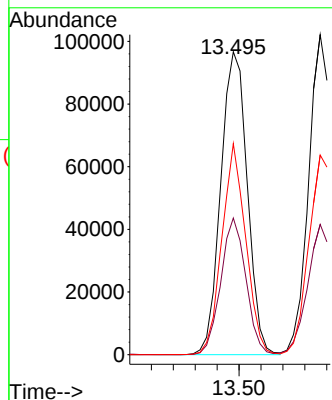
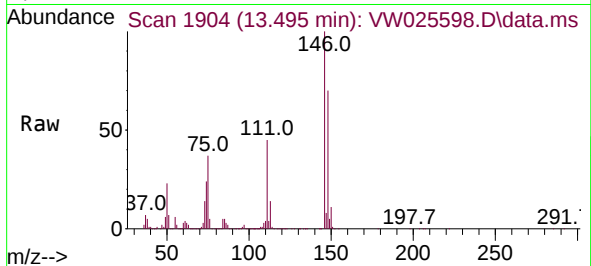




#64
1,3-Dichlorobenzene
Concen: 24.491 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

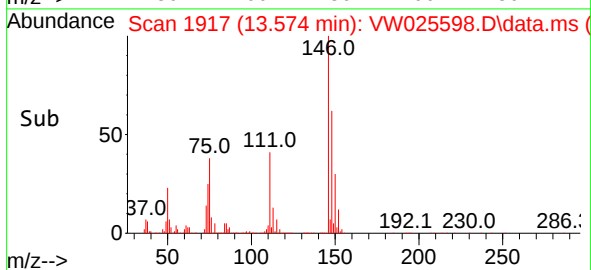
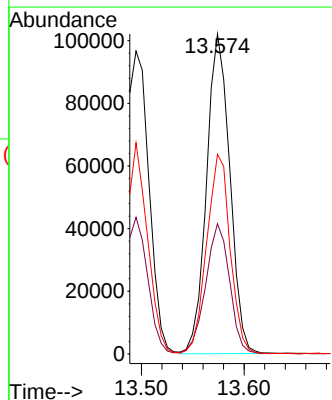
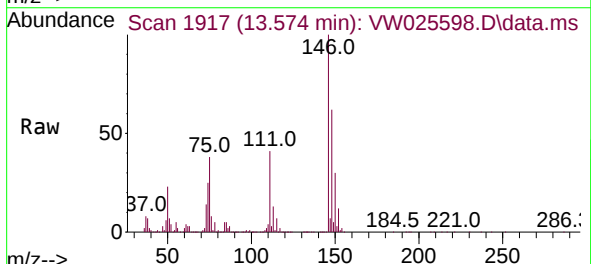
Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

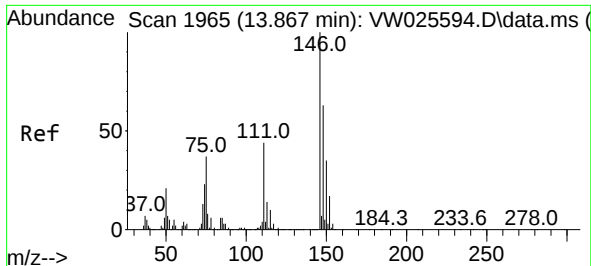
Tgt Ion:146 Resp: 162657
Ion Ratio Lower Upper
146 100
111 45.1 29.7 55.1
148 69.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 23.739 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion:146 Resp: 161017
Ion Ratio Lower Upper
146 100
111 40.7 30.4 56.5
148 62.4 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 23.876 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

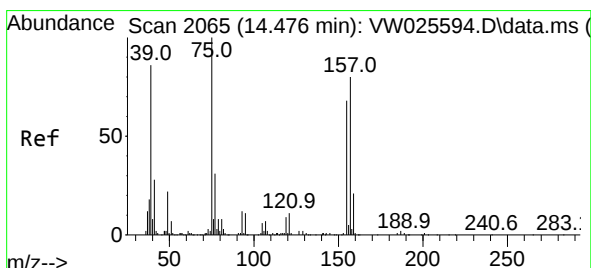
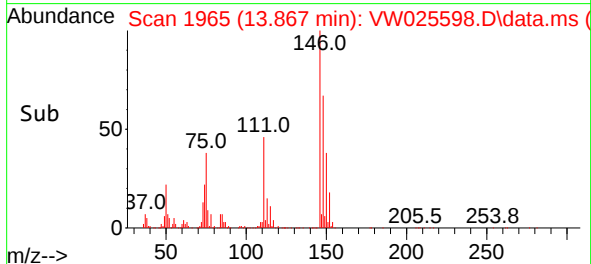
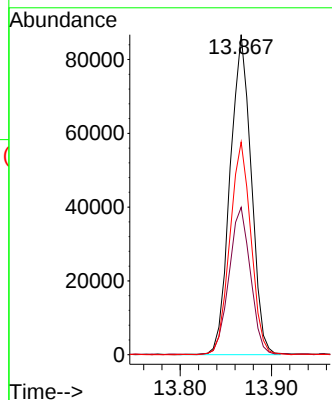
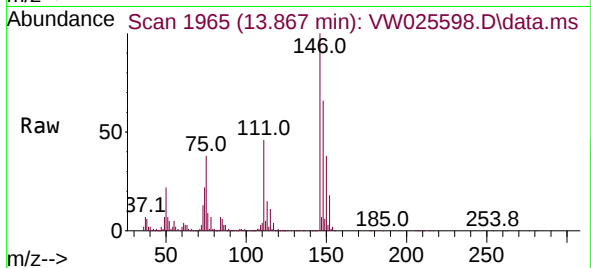
Tgt Ion:146 Resp: 139017

Ion Ratio Lower Upper

146 100

111 46.1 35.3 52.9

148 66.5 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 44.093 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

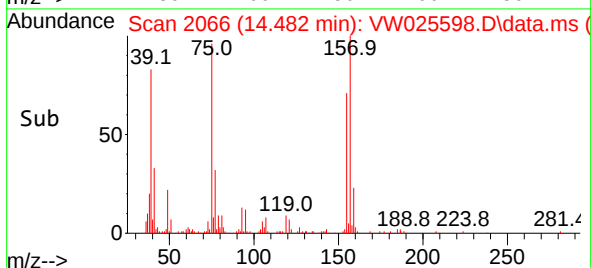
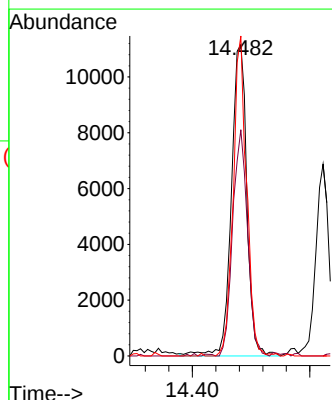
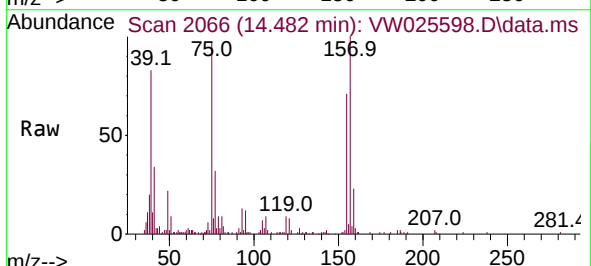
Tgt Ion: 75 Resp: 20510

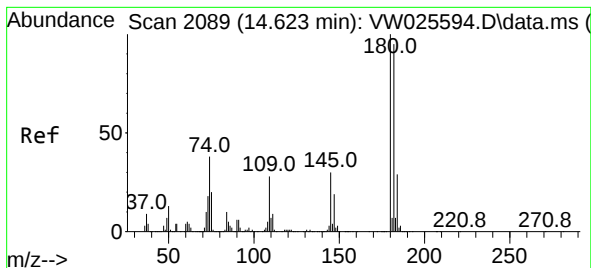
Ion Ratio Lower Upper

75 100

155 72.7 61.1 91.7

157 102.8 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 11.747 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EW8Z5REMSD

Tgt Ion:180 Resp: 52232

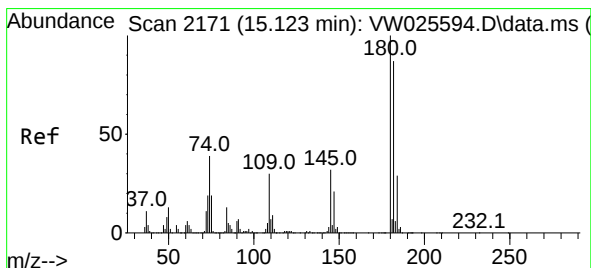
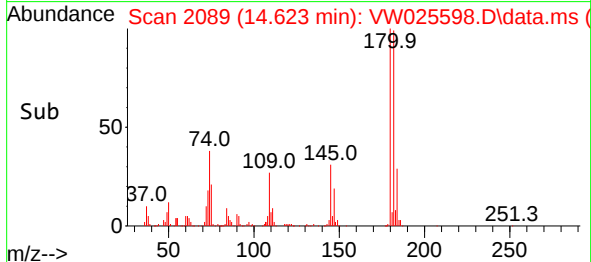
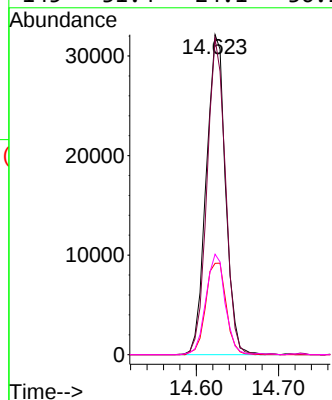
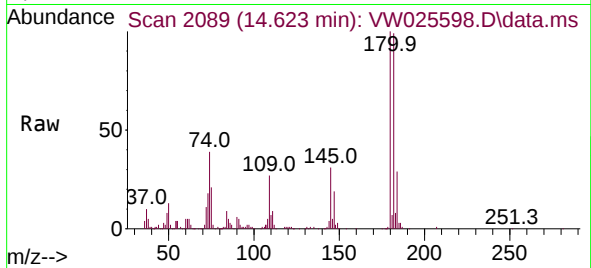
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

184 30.4 24.1 36.1

145 31.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 9.258 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW025598.D

Acq: 20 Apr 2023 12:05

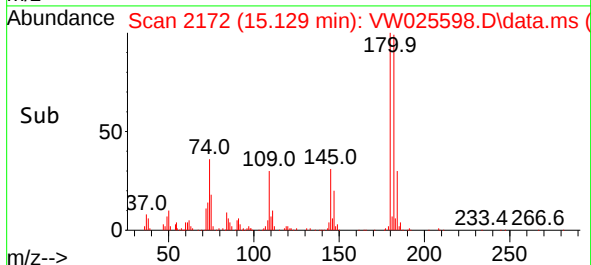
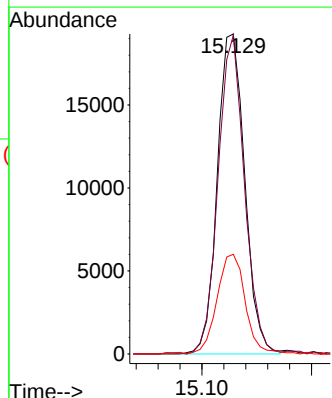
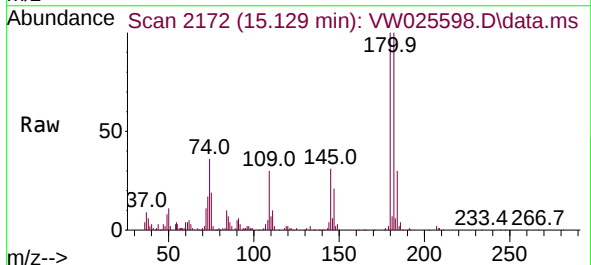
Tgt Ion:180 Resp: 33442

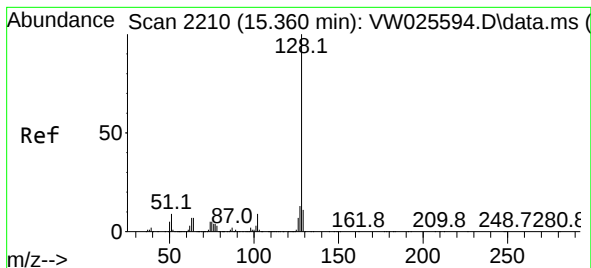
Ion Ratio Lower Upper

180 100

182 95.8 79.5 119.3

145 32.1 27.4 41.0

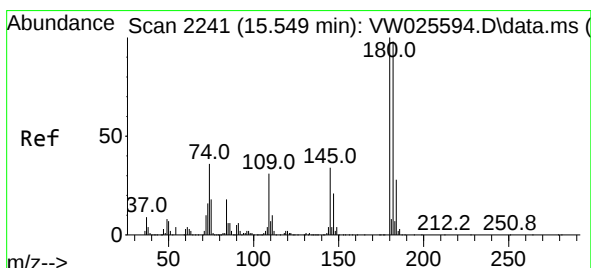
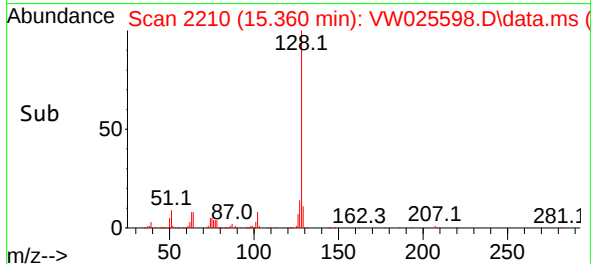
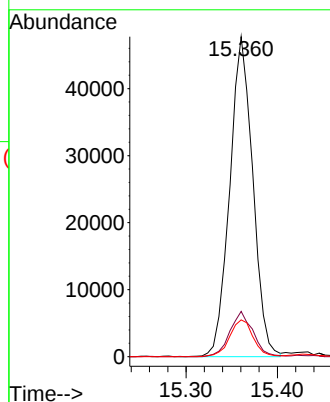
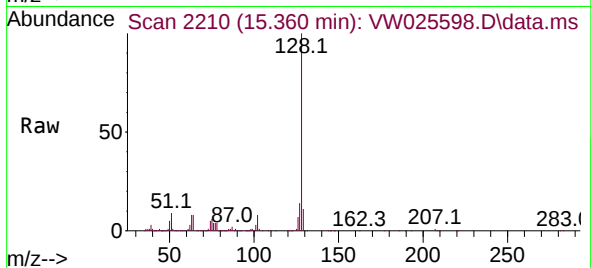




#71
Naphthalene
Concen: 12.422 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5REMSD

Tgt Ion:128 Resp: 83727
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 11.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.661 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025598.D
Acq: 20 Apr 2023 12:05

Tgt Ion:180 Resp: 27354
Ion Ratio Lower Upper
180 100
182 89.9 72.9 109.3
145 34.7 27.0 40.6

