

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026334.D
 Acq On : 26 Jun 2023 14:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Jun 27 01:47:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678867	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	610222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	289560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	260877	26.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.800%			
7) Chloroethane-d5	2.899	69	172558	24.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.440%			
11) 1,1-Dichloroethene-d2	4.027	65	116569	26.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.440%			
21) 2-Butanone-d5	7.075	46	128850	41.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.140%			
24) Chloroform-d	7.648	84	461789	24.006	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.040%			
26) 1,2-Dichloroethane-d4	8.306	65	253634	23.465	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.880%			
32) Benzene-d6	8.276	84	942766	24.960	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.840%			
36) 1,2-Dichloropropane-d6	9.276	67	298509	24.321	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.280%			
41) Toluene-d8	10.324	98	829913	25.102	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.400%			
43) trans-1,3-Dichloroprop...	10.580	79	114128	23.160	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.640%			
47) 2-Hexanone-d5	10.922	63	84415	44.784	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214194	22.167	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	241157	23.920	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	182924	22.416	ug/L	96
3) Chloromethane	2.228	50	313139	26.538	ug/L	98
5) Vinyl chloride	2.375	62	305048	24.864	ug/L	97
6) Bromomethane	2.789	94	152358	22.625	ug/L	92
8) Chloroethane	2.936	64	157026	23.869	ug/L	100
9) Trichlorofluoromethane	3.265	101	203905	23.562	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	230535	24.608	ug/L	96
12) 1,1-Dichloroethene	4.051	96	215125	24.508	ug/L	97
13) Acetone	4.118	43	89510	36.079	ug/L	95
14) Carbon disulfide	4.399	76	774735	24.977	ug/L	99
15) Methyl Acetate	4.667	43	126195	22.188	ug/L	100
16) Methylene chloride	4.923	84	267528	23.288	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	239110	24.784	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	369114	24.461	ug/L	99
19) 1,1-Dichloroethane	6.215	63	487538	24.129	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	252795	24.246	ug/L	98
22) 2-Butanone	7.173	43	160444	42.267	ug/L	99
23) Bromochloromethane	7.514	128	107275	23.988	ug/L	94
25) Chloroform	7.679	83	452519	24.165	ug/L	98

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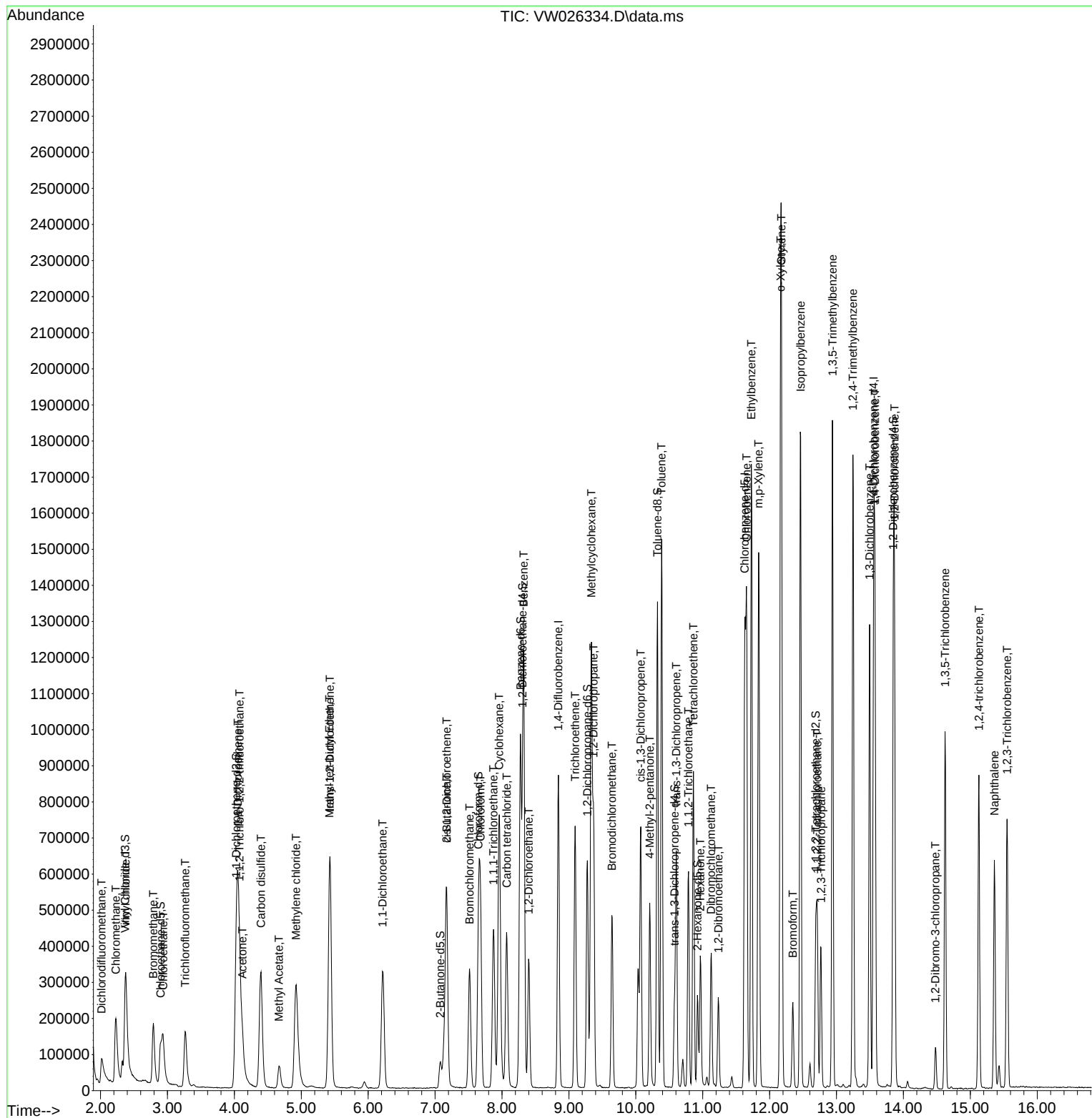
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319031	23.695	ug/L	99
29) Cyclohexane	7.959	56	459463	26.075	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	359660	24.364	ug/L	99
31) Carbon tetrachloride	8.069	117	324615	24.462	ug/L	98
33) Benzene	8.325	78	1032608	25.052	ug/L	100
34) Trichloroethene	9.093	95	258398	24.484	ug/L	99
35) Methylcyclohexane	9.337	83	459478	25.388	ug/L	99
37) 1,2-Dichloropropane	9.367	63	278901	24.218	ug/L	99
38) Bromodichloromethane	9.642	83	319345	24.147	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	408146	24.737	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	356148	47.913	ug/L	100
42) Toluene	10.385	91	1054476	25.501	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	347153	24.926	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	178929	23.205	ug/L	96
46) Tetrachloroethene	10.861	164	176150	23.691	ug/L	93
48) 2-Hexanone	10.965	43	243177	46.365	ug/L	99
49) Dibromochloromethane	11.123	129	187954	23.806	ug/L	100
50) 1,2-Dibromoethane	11.233	107	166705	23.549	ug/L	97
51) Chlorobenzene	11.653	112	647309	24.542	ug/L	96
52) Ethylbenzene	11.727	91	1183924	25.410	ug/L	99
53) m,p-Xylene	11.836	106	438321	25.795	ug/L	95
54) o-Xylene	12.166	106	415085	25.944	ug/L	89
55) Styrene	12.178	104	738161	26.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	224376	23.280	ug/L	98
59) Bromoform	12.348	173	100947	23.045	ug/L	99
60) Isopropylbenzene	12.464	105	1127369	25.905	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	163154	23.179	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	917220	27.188	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	917471	28.198	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	468355	25.126	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	471975	25.301	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	430612	25.938	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31946	19.692	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	283846	23.698	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	249243	25.427	ug/L	98
71) Naphthalene	15.360	128	497429	25.244	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	232827	25.441	ug/L	98

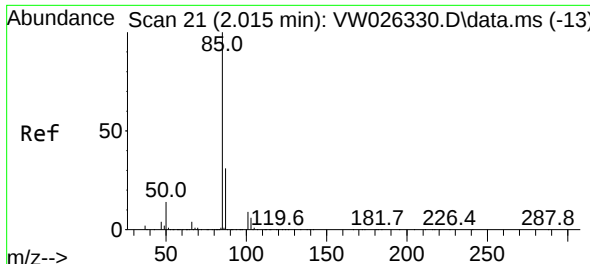
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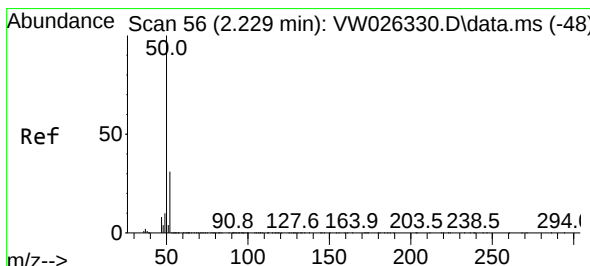
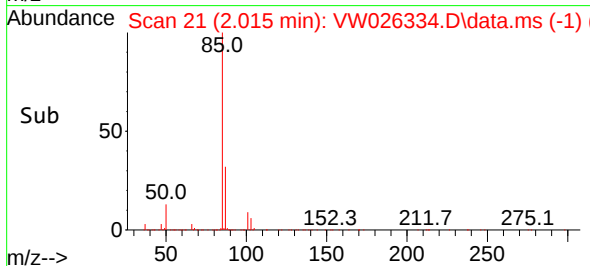
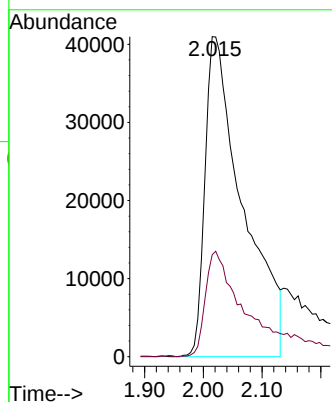
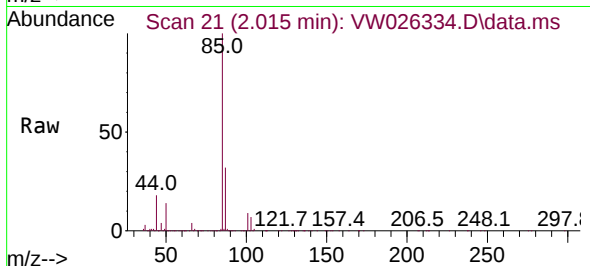




#2
 Dichlorodifluoromethane
 Concen: 22.416 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

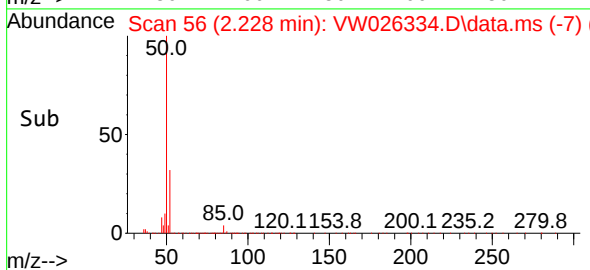
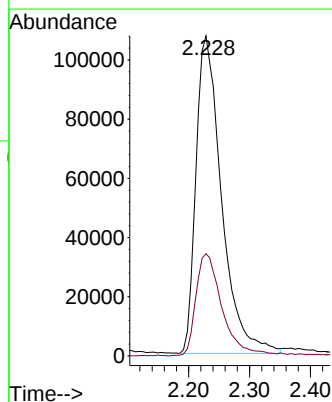
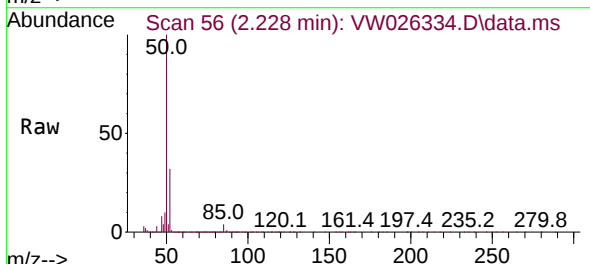
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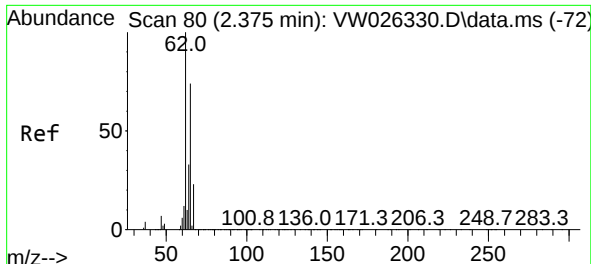
Tgt Ion: 85 Resp: 182924
 Ion Ratio Lower Upper
 85 100
 87 29.4 25.2 37.8



#3
 Chloromethane
 Concen: 26.538 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.001 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

Tgt Ion: 50 Resp: 313139
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.4 39.8

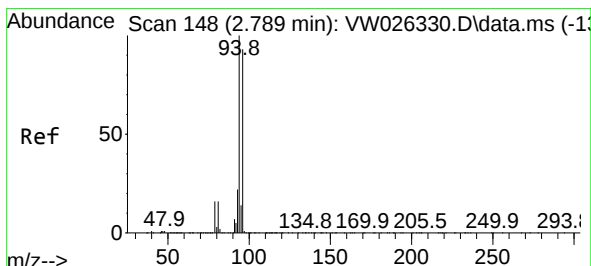
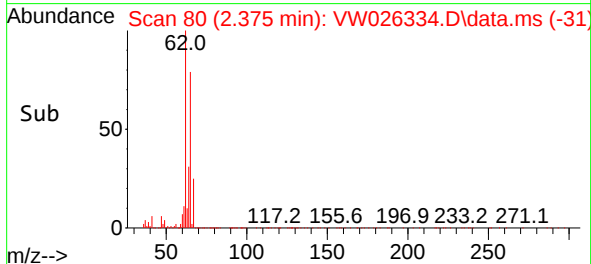
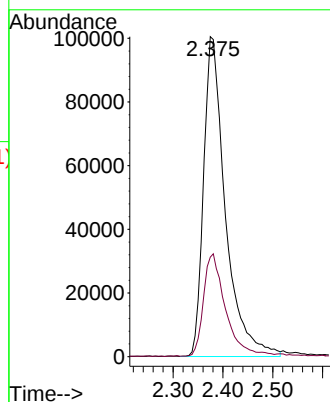
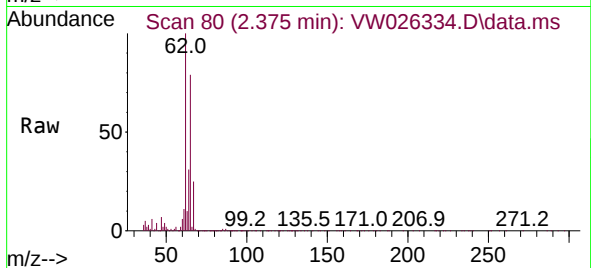




#5
 Vinyl chloride
 Concen: 24.864 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

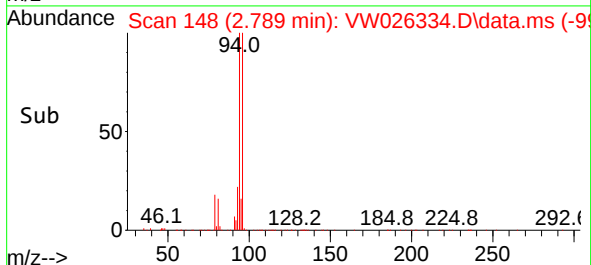
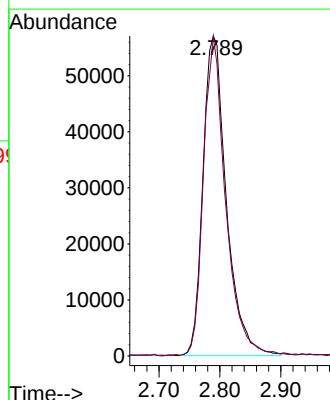
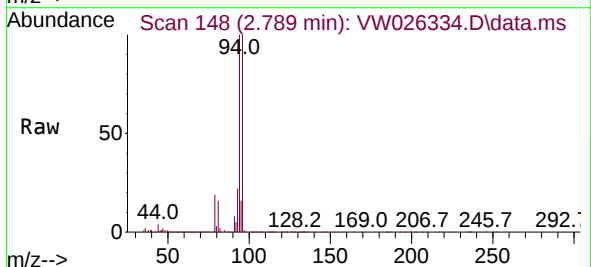
Instrument :
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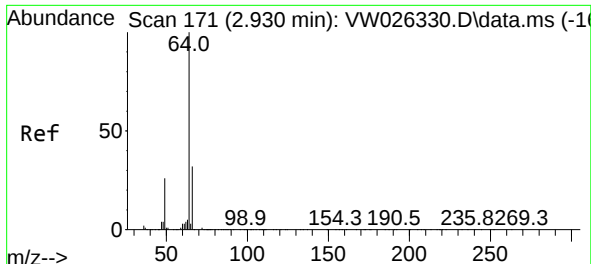
Tgt Ion: 62 Resp: 305048
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.0 42.8



#6
 Bromomethane
 Concen: 22.625 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

Tgt Ion: 94 Resp: 152358
 Ion Ratio Lower Upper
 94 100
 96 99.9 64.6 120.0





#8

Chloroethane

Concen: 23.869 ug/L

RT: 2.936 min Scan# 171

Delta R.T. 0.006 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

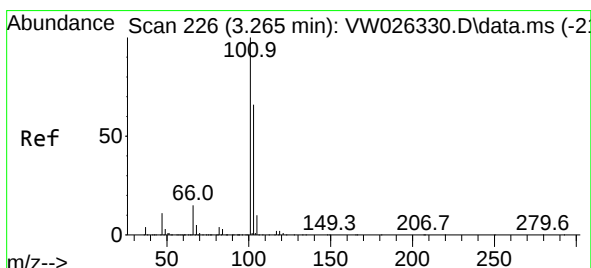
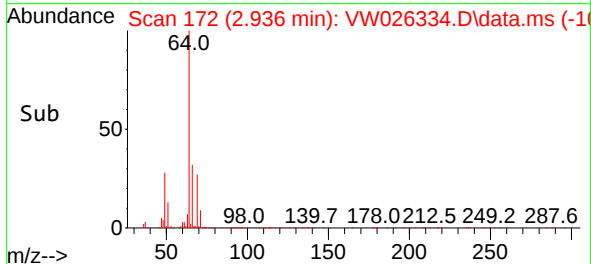
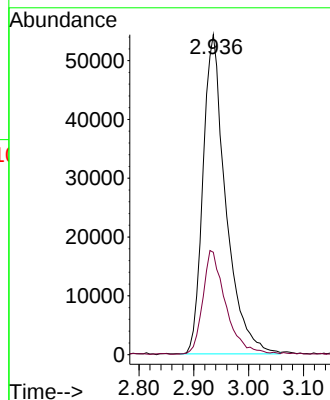
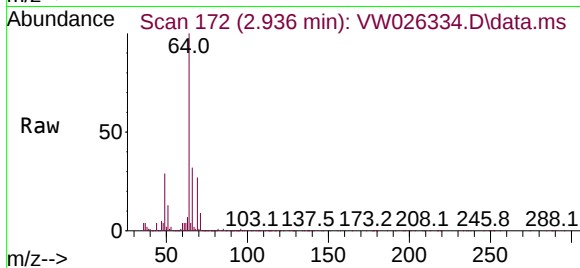
VSTD025534

Tgt Ion: 64 Resp: 157026

Ion Ratio Lower Upper

64 100

66 32.0 22.5 41.7



#9

Trichlorofluoromethane

Concen: 23.562 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.000 min

Lab File: VW026334.D

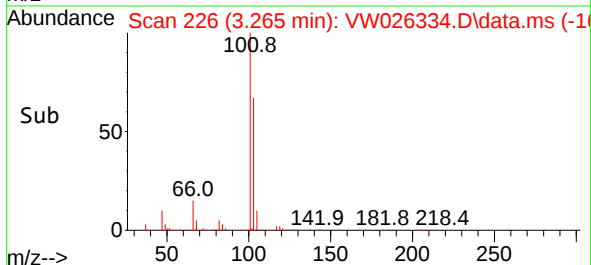
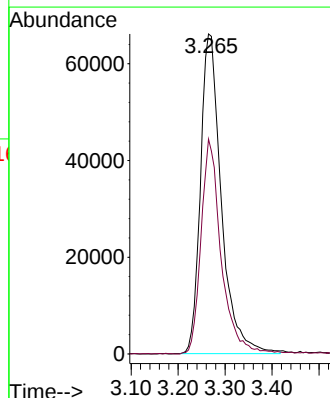
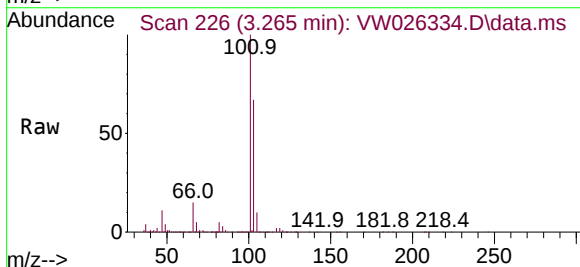
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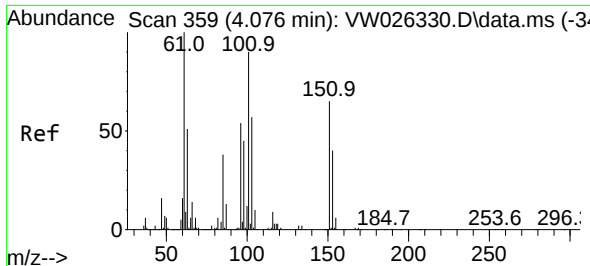
Tgt Ion:101 Resp: 203905

Ion Ratio Lower Upper

101 100

103 63.6 52.9 79.3

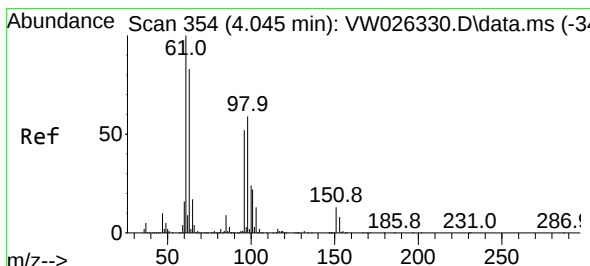
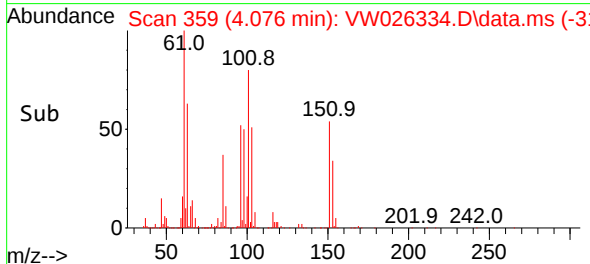
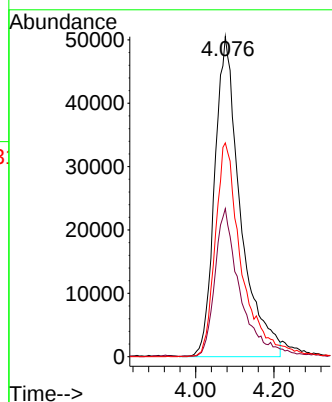
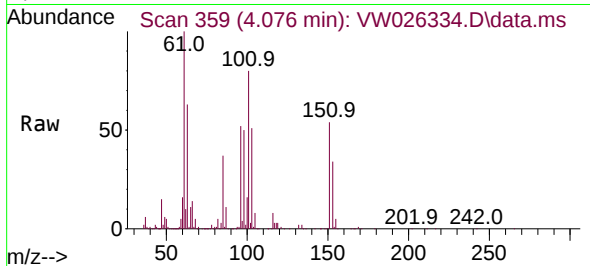




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.608 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

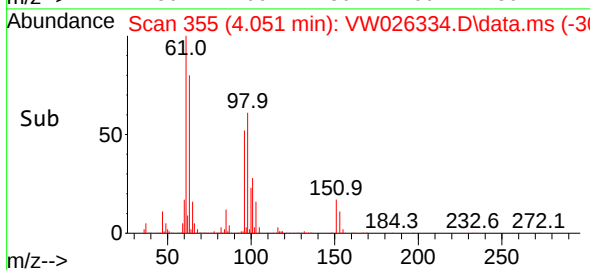
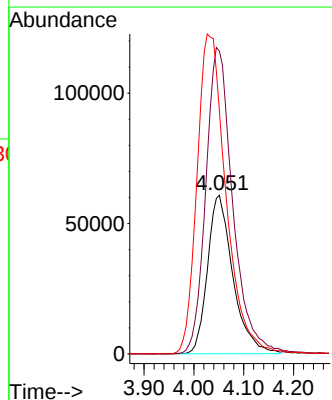
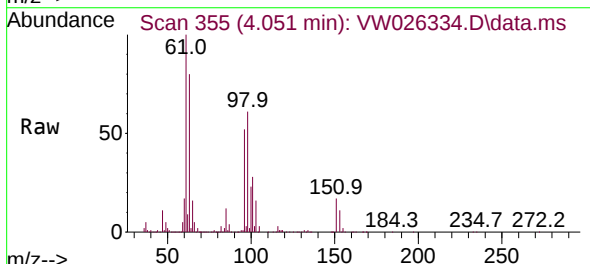
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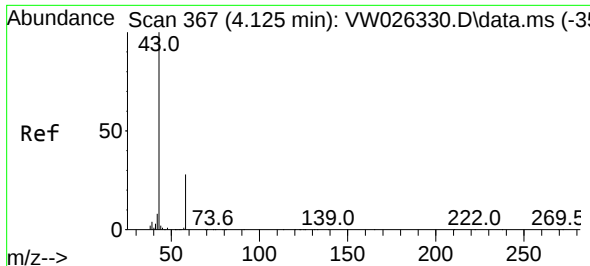
Tgt Ion:101 Resp: 230535
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.4 53.0
 151 66.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.508 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026334.D
 Acq: 26 Jun 2023 14:00

Tgt Ion: 96 Resp: 215125
 Ion Ratio Lower Upper
 96 100
 61 190.9 134.3 249.3
 63 153.3 112.3 208.5

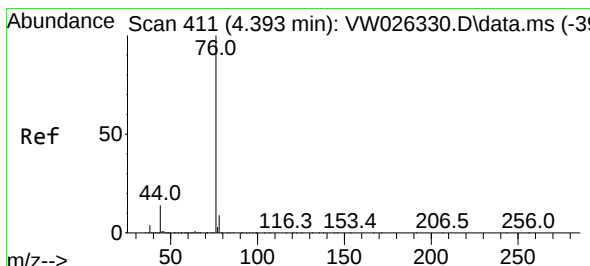
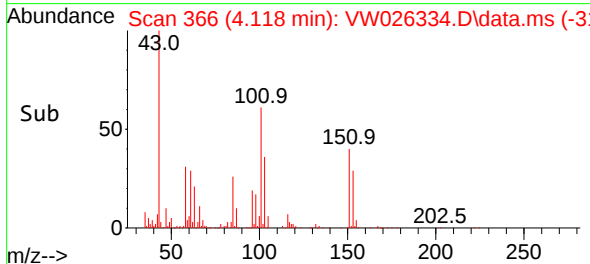
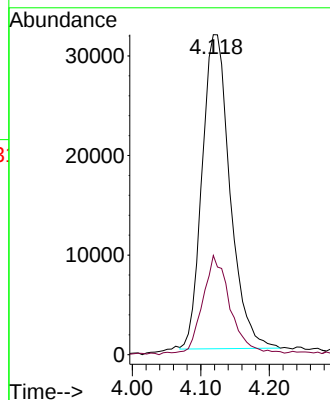
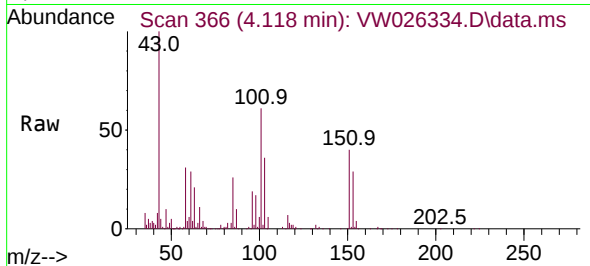




#13
Acetone
Concen: 36.079 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

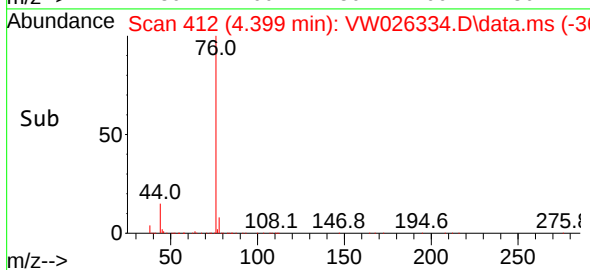
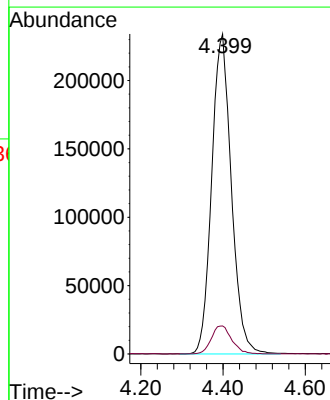
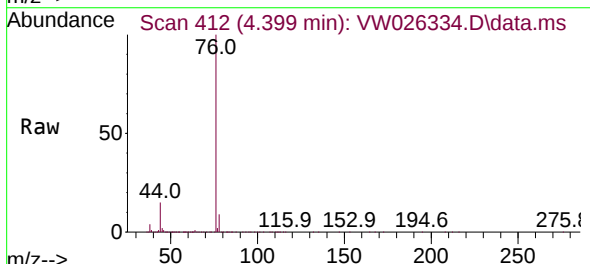
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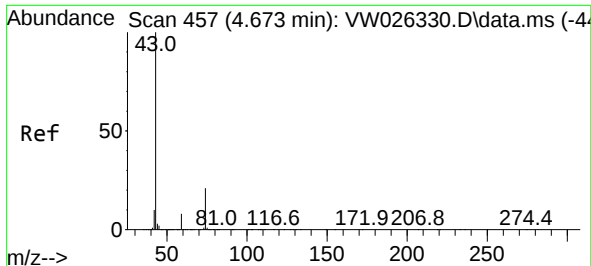
Tgt Ion: 43 Resp: 89510
Ion Ratio Lower Upper
43 100
58 30.3 0.0 55.8



#14
Carbon disulfide
Concen: 24.977 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 76 Resp: 774735
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

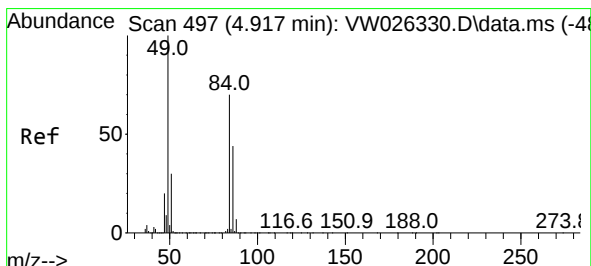
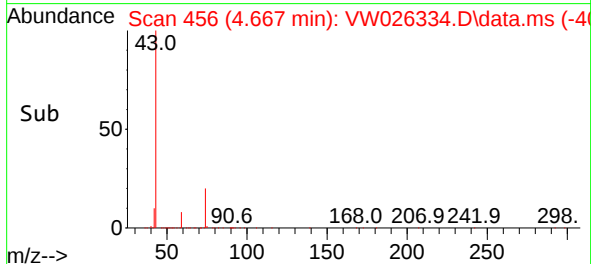
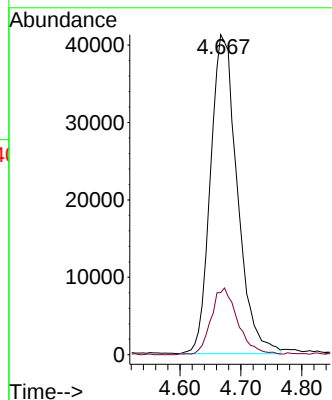
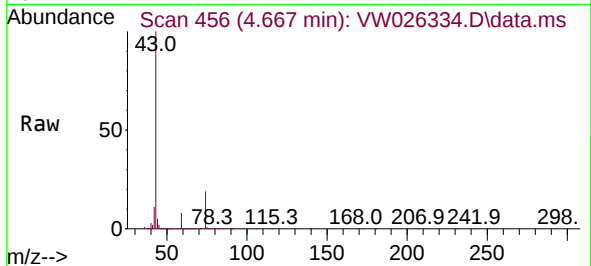




#15
Methyl Acetate
Concen: 22.188 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

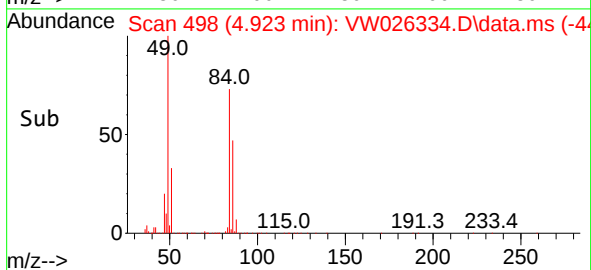
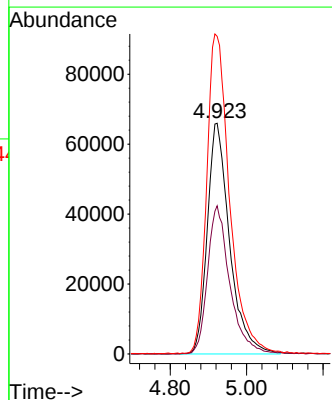
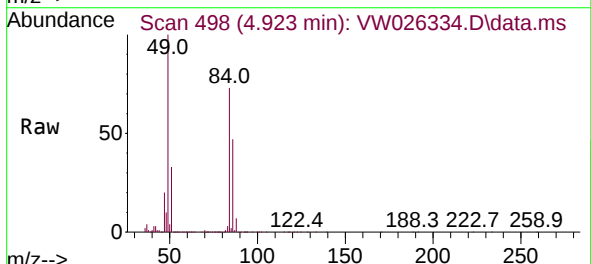
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

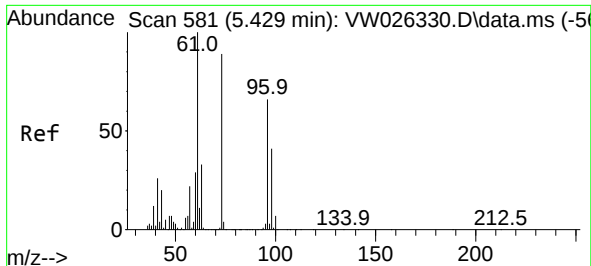
Tgt Ion: 43 Resp: 126195
Ion Ratio Lower Upper
43 100
74 20.3 16.3 24.5



#16
Methylene chloride
Concen: 23.288 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 84 Resp: 267528
Ion Ratio Lower Upper
84 100
86 64.2 43.9 81.5
49 137.7 100.4 186.4

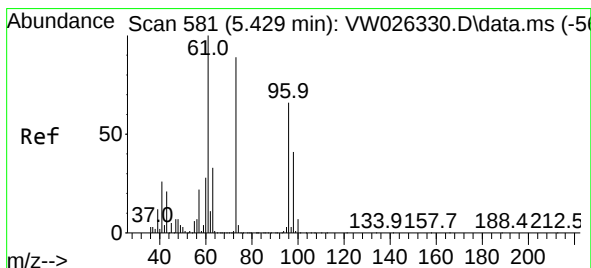
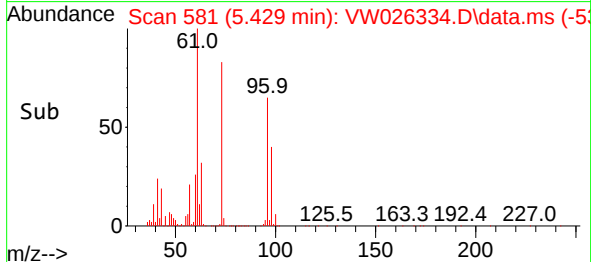
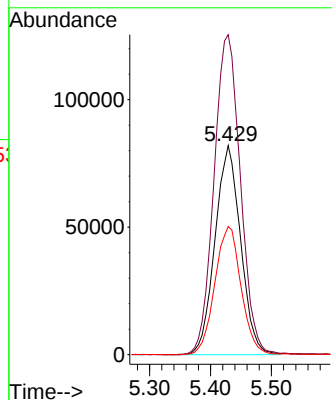
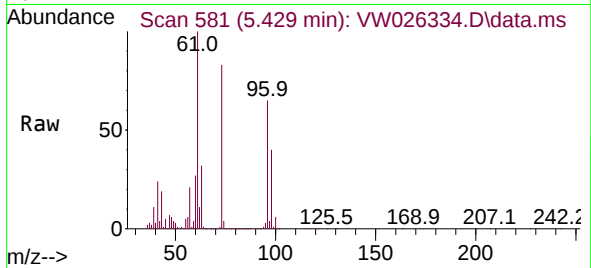




#17
trans-1,2-Dichloroethene
Concen: 24.784 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

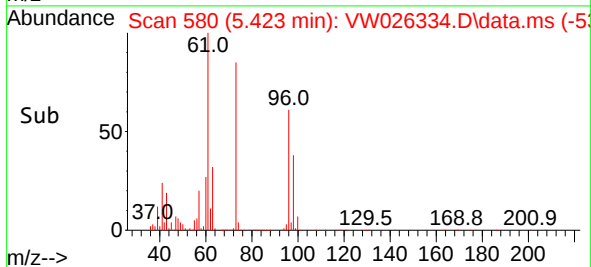
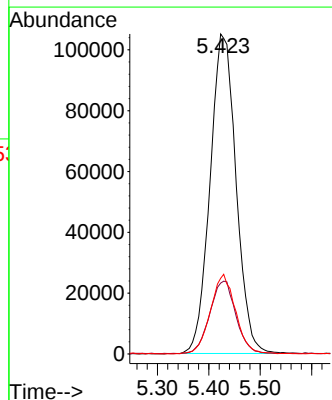
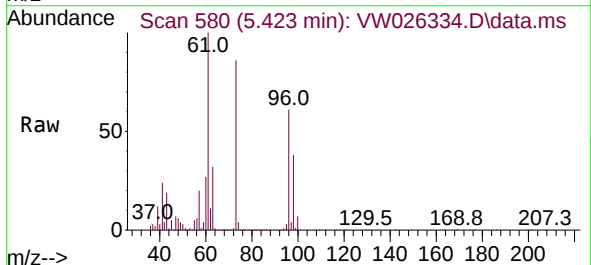
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

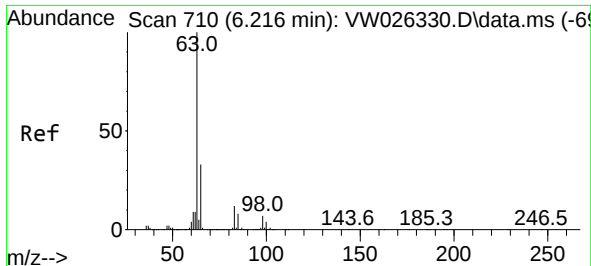
Tgt Ion: 96 Resp: 239110
Ion Ratio Lower Upper
96 100
61 153.1 106.1 197.1
98 61.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.461 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 73 Resp: 369114
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1
57 23.7 19.5 29.3





#19

1,1-Dichloroethane

Concen: 24.129 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

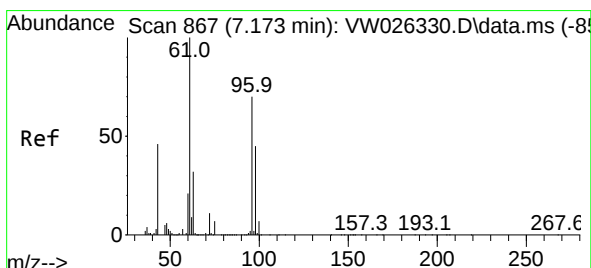
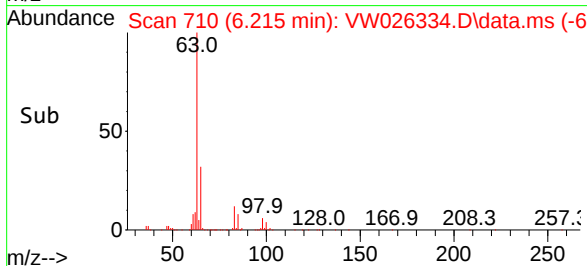
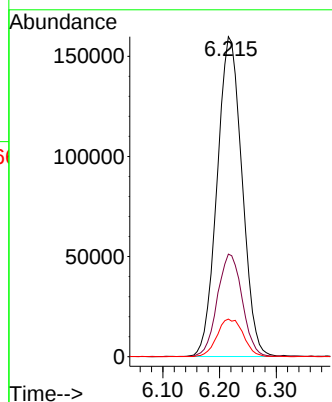
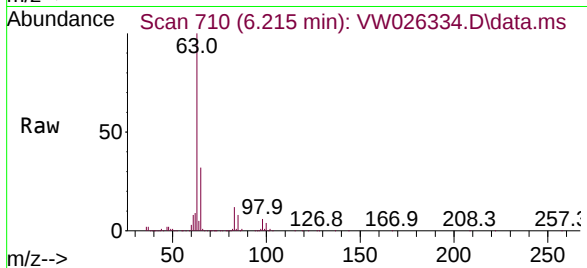
Tgt Ion: 63 Resp: 487538

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 11.7 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.246 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

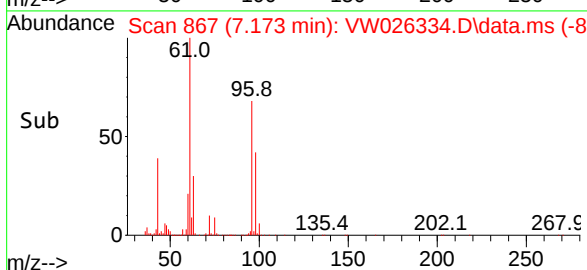
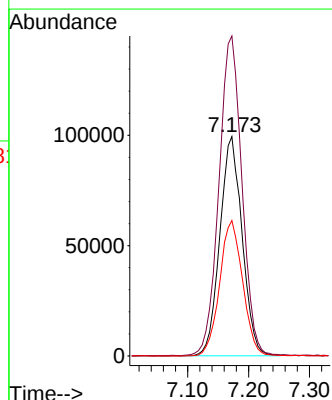
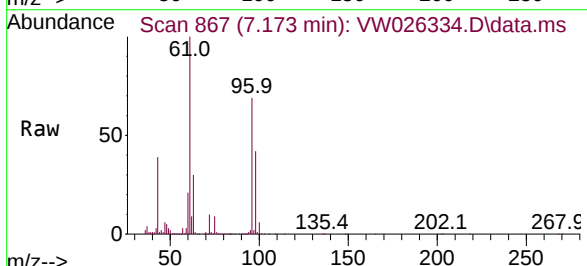
Tgt Ion: 96 Resp: 252795

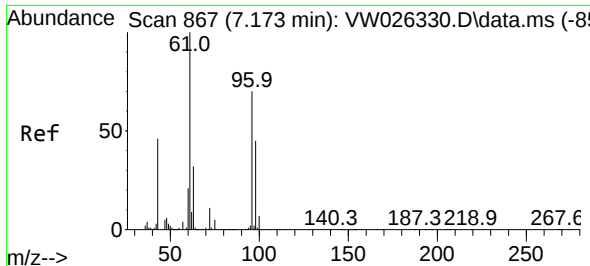
Ion Ratio Lower Upper

96 100

61 145.9 100.8 187.2

98 61.7 45.7 84.9

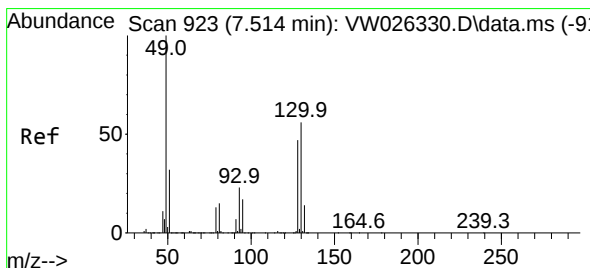
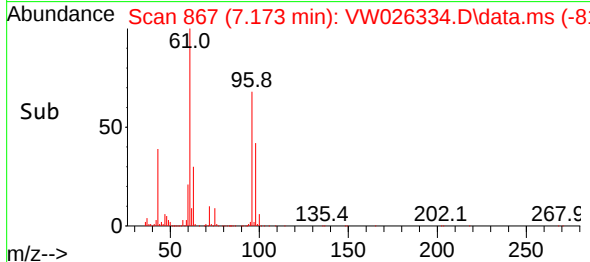
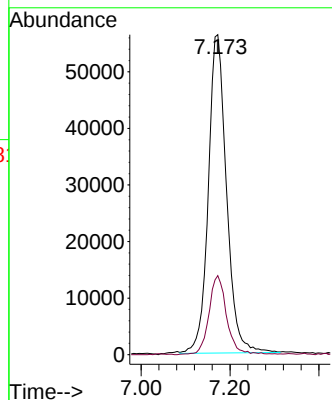
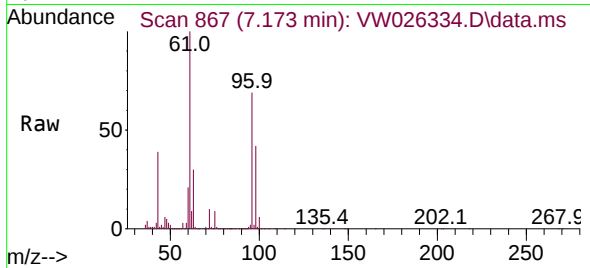




#22
2-Butanone
Concen: 42.267 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

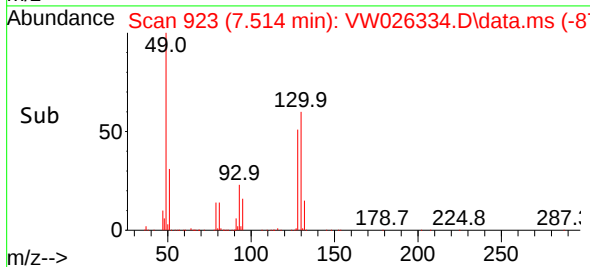
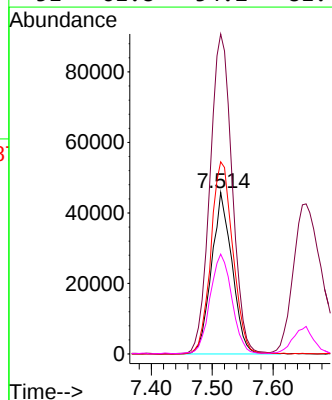
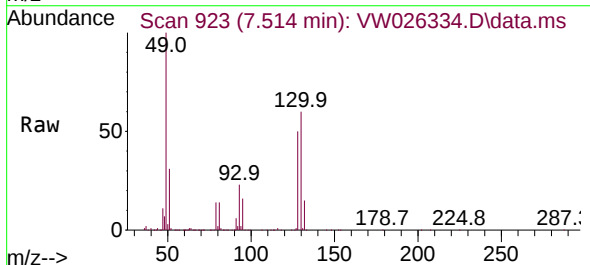
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

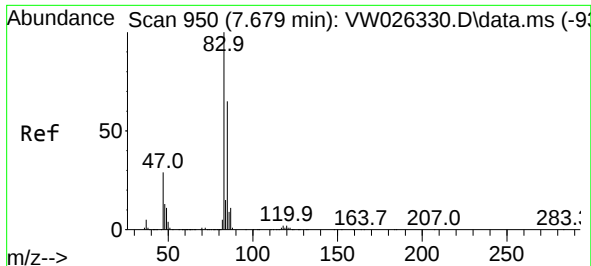
Tgt Ion: 43 Resp: 160444
Ion Ratio Lower Upper
43 100
72 23.8 11.8 35.3



#23
Bromochloromethane
Concen: 23.988 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 128 Resp: 107275
Ion Ratio Lower Upper
128 100
49 198.1 148.5 275.9
130 118.9 82.6 153.4
51 61.8 54.2 81.4

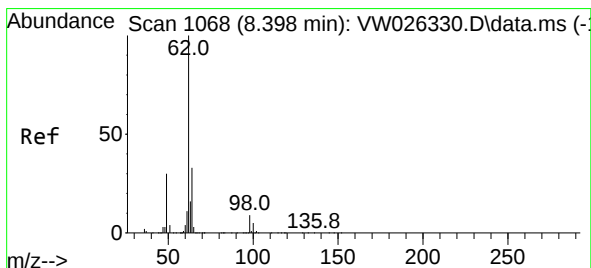
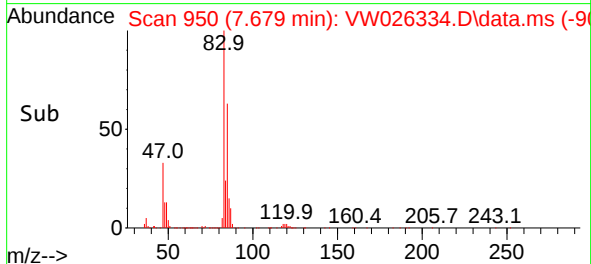
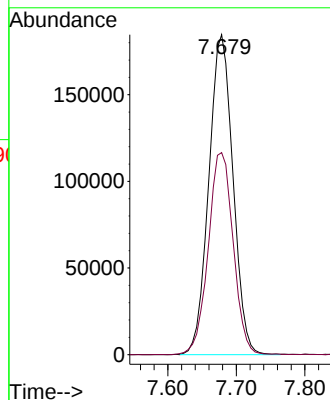
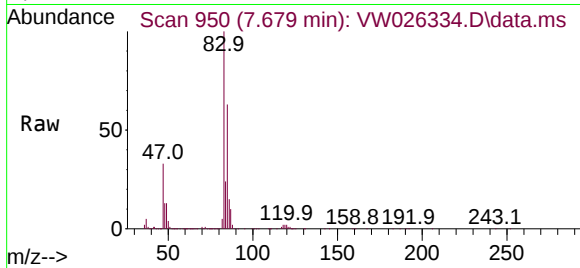




#25
Chloroform
Concen: 24.165 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

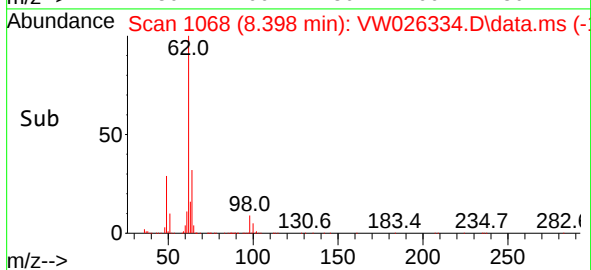
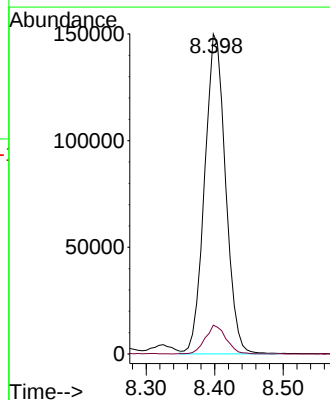
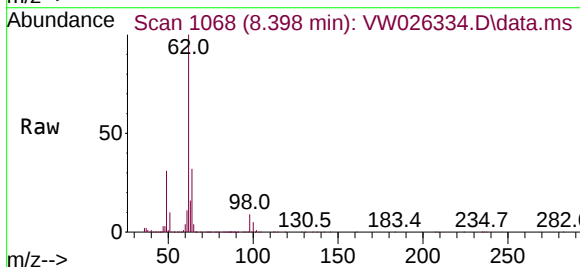
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

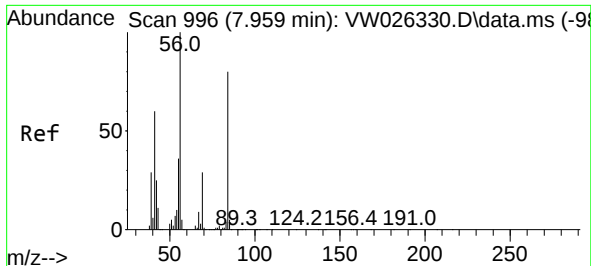
Tgt Ion: 83 Resp: 452519
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.695 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 62 Resp: 319031
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3

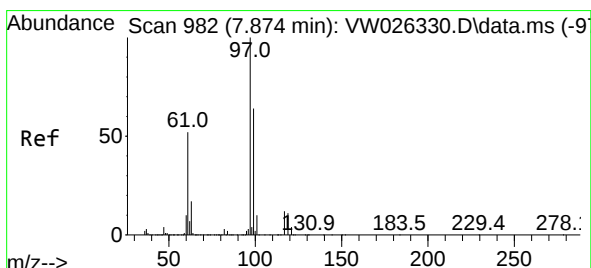
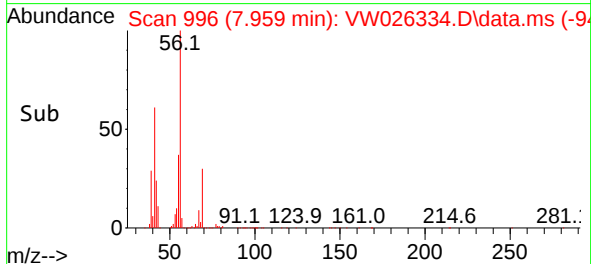
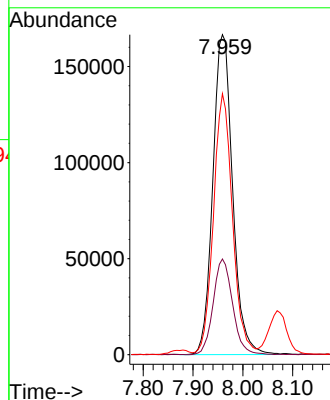
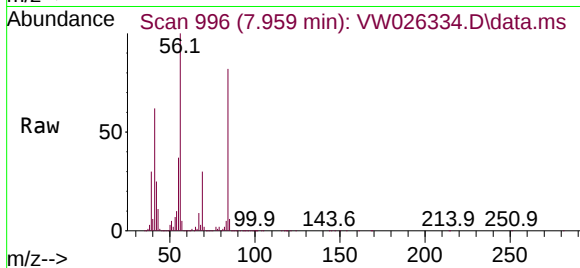




#29
Cyclohexane
Concen: 26.075 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

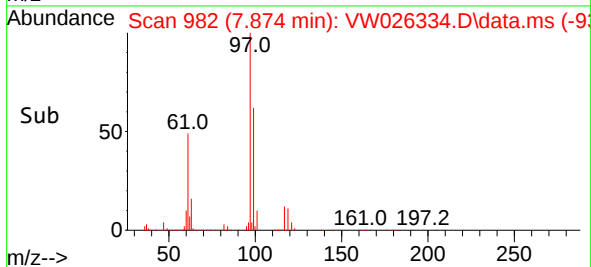
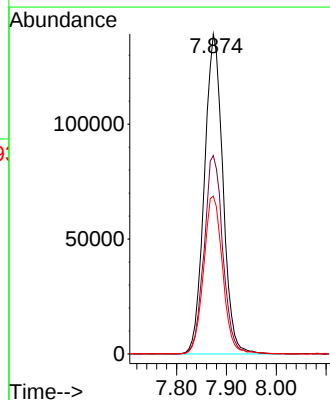
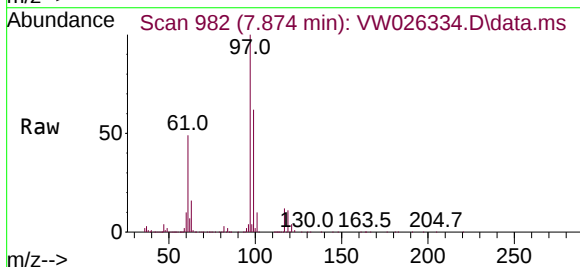
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

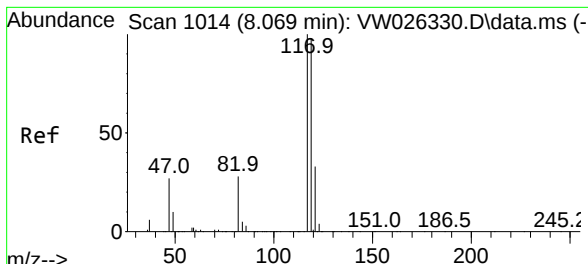
Tgt Ion: 56 Resp: 459463
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.4
84 78.1 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 24.364 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 97 Resp: 359660
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 50.7 41.4 62.2

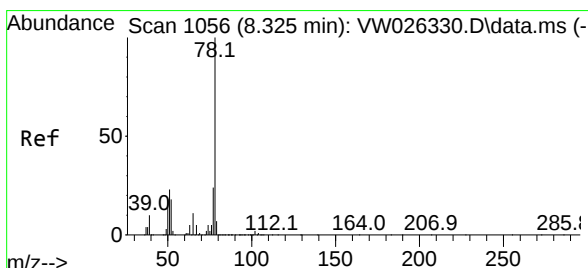
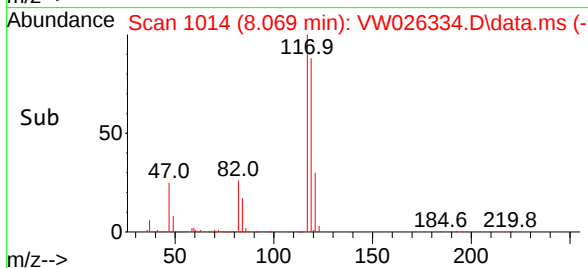
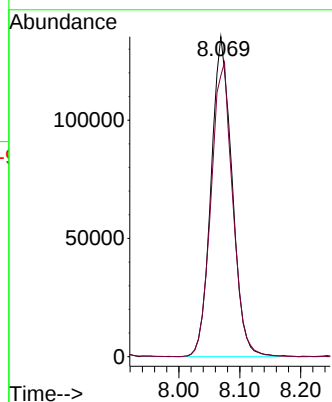
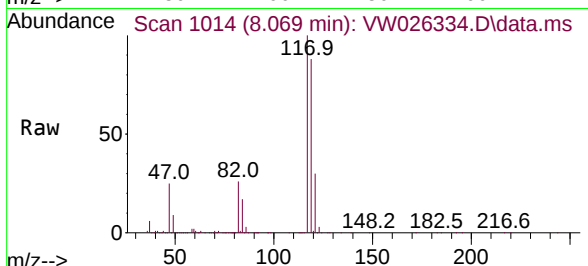




#31
Carbon tetrachloride
Concen: 24.462 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

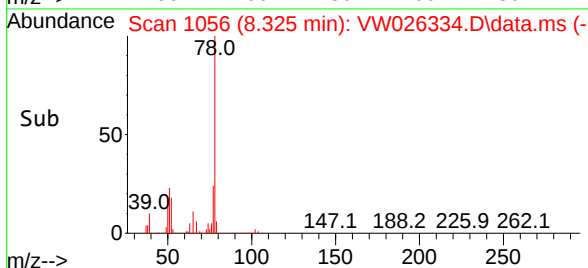
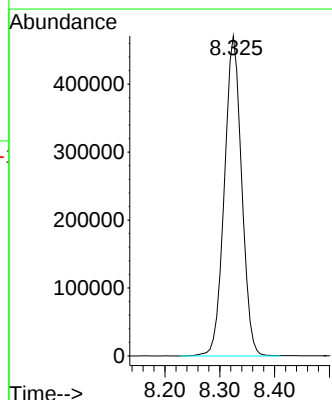
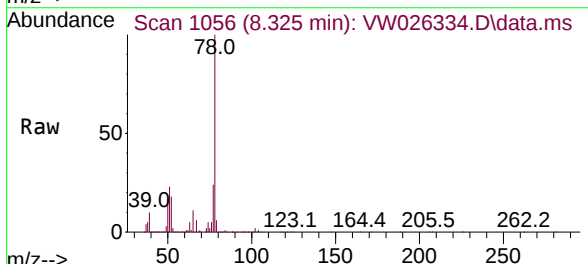
Instrument : MSVOA_W
ClientSampleId : VSTD025534

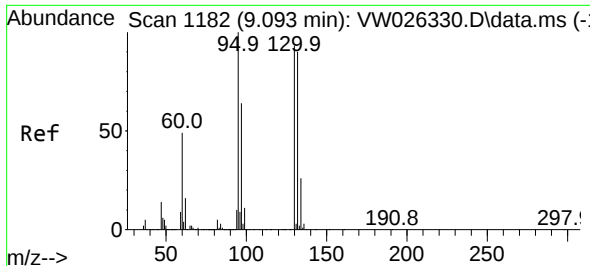
Tgt Ion:117 Resp: 324615
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5



#33
Benzene
Concen: 25.052 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 78 Resp: 1032608

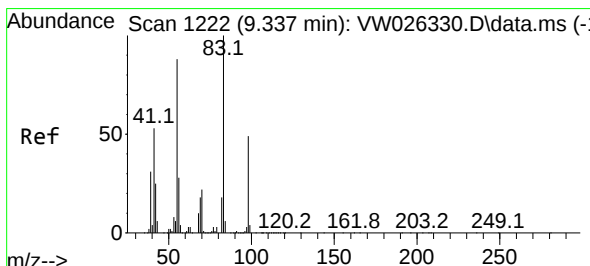
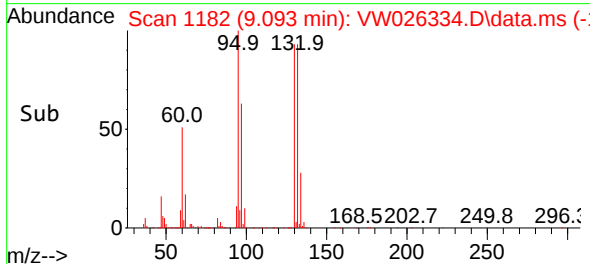
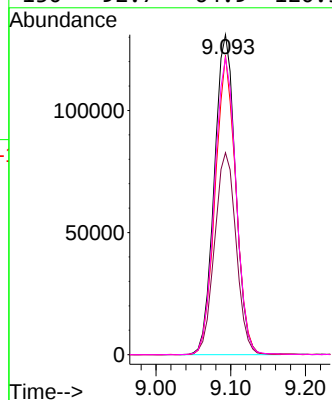
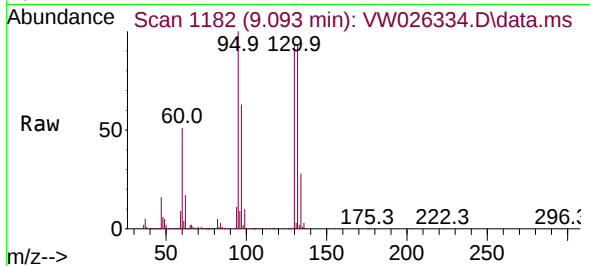




#34
Trichloroethene
Concen: 24.484 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

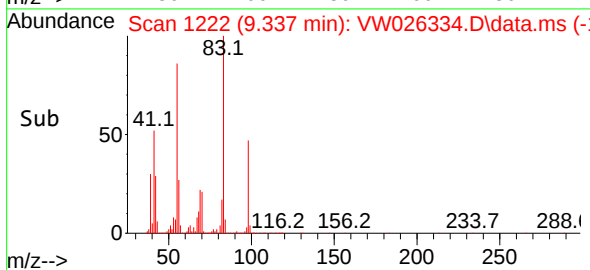
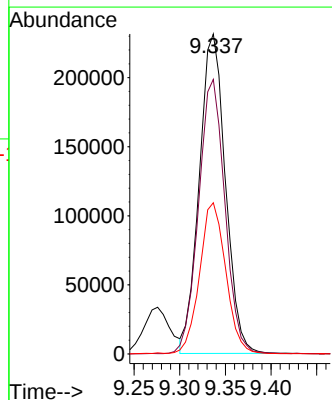
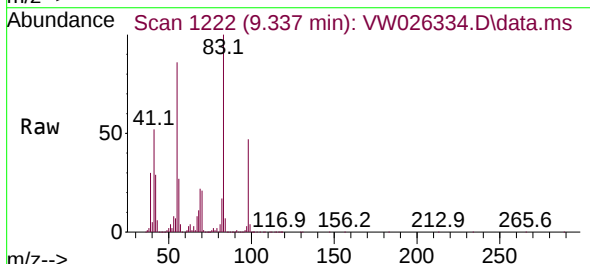
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

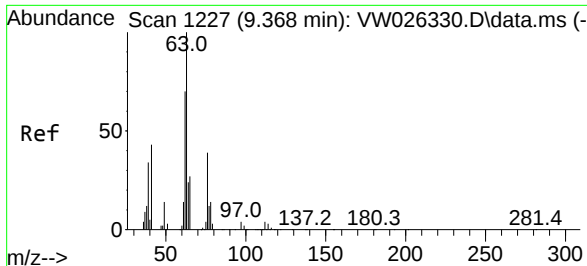
Tgt Ion: 95 Resp: 258398
Ion Ratio Lower Upper
95 100
97 63.1 44.5 82.7
132 93.5 63.3 117.5
130 92.7 64.9 120.5



#35
Methylcyclohexane
Concen: 25.388 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 83 Resp: 459478
Ion Ratio Lower Upper
83 100
55 86.8 68.8 103.2
98 47.6 37.8 56.6





#37

1,2-Dichloropropane

Concen: 24.218 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

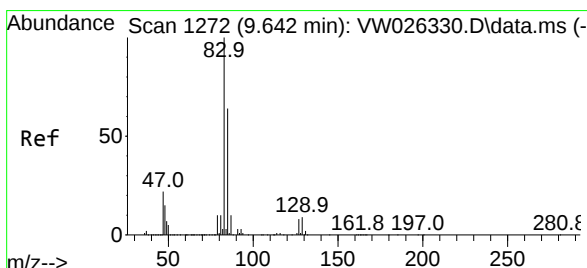
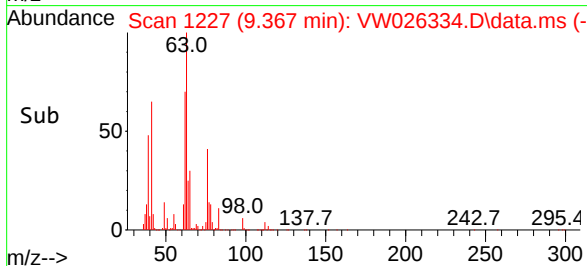
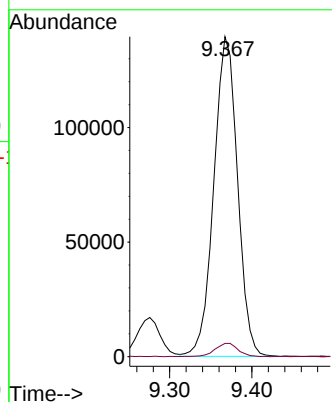
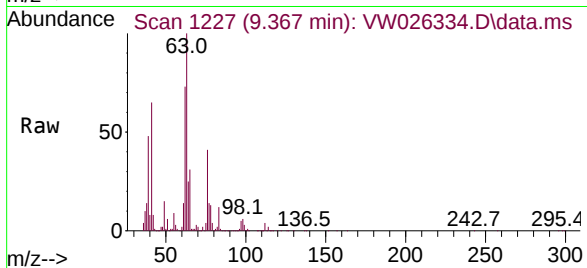
VSTD025534

Tgt Ion: 63 Resp: 278901

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 24.147 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

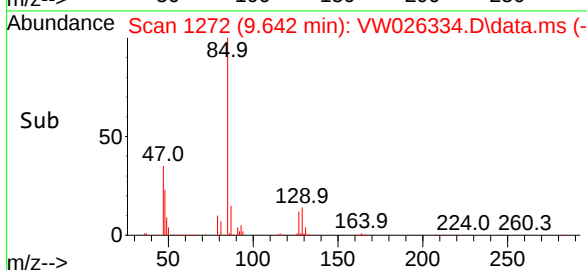
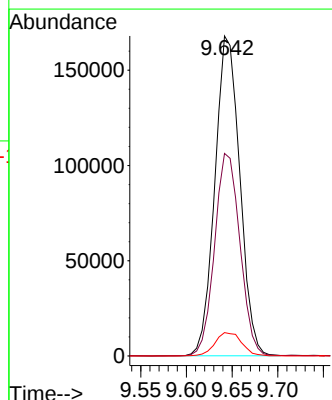
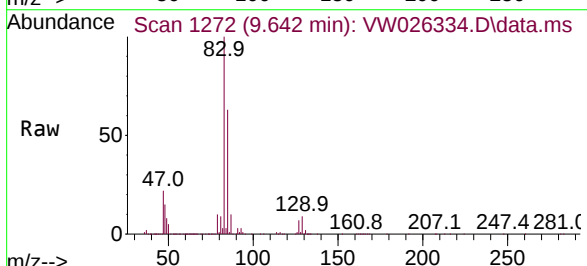
Tgt Ion: 83 Resp: 319345

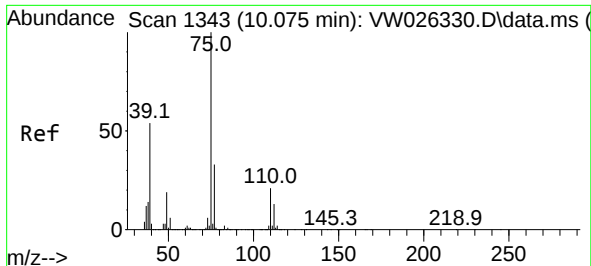
Ion Ratio Lower Upper

83 100

85 63.3 44.9 83.5

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.737 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

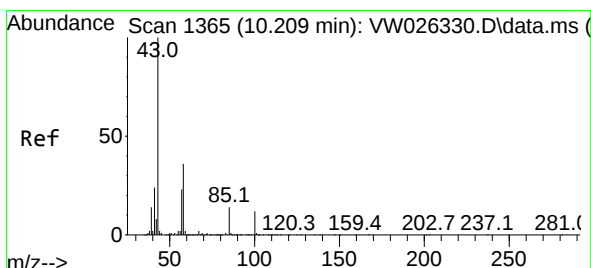
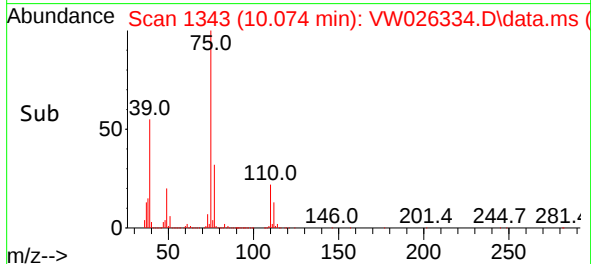
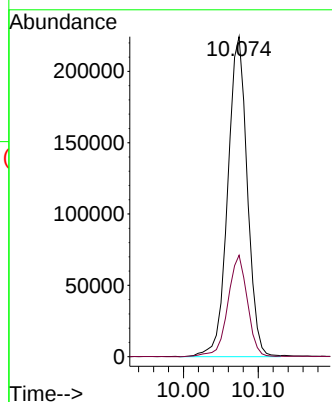
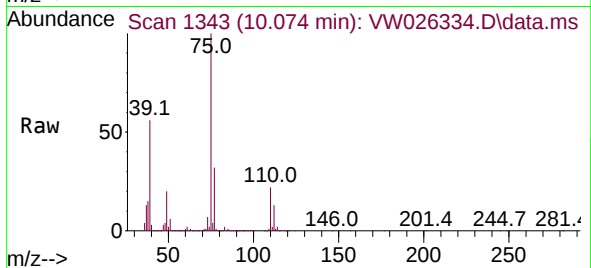
VSTD025534

Tgt Ion: 75 Resp: 408146

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.913 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

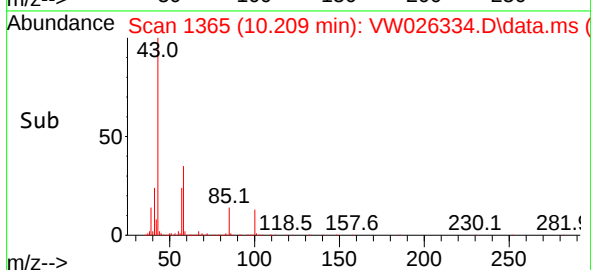
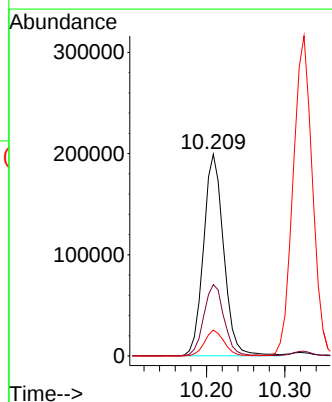
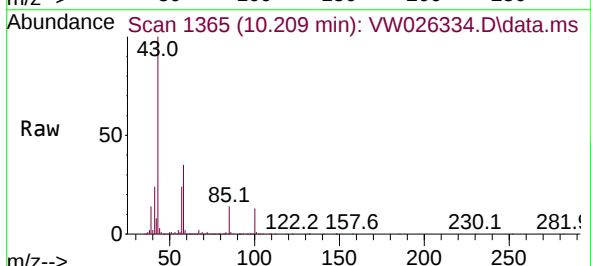
Tgt Ion: 43 Resp: 356148

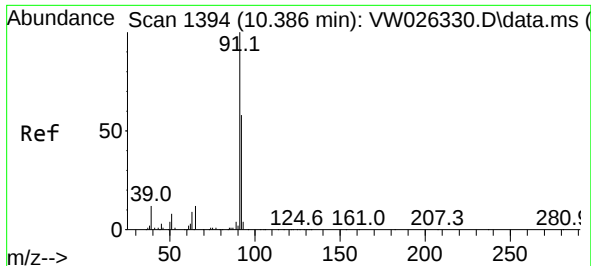
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

100 12.6 9.9 14.9

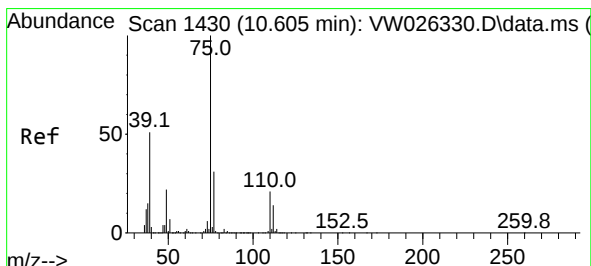
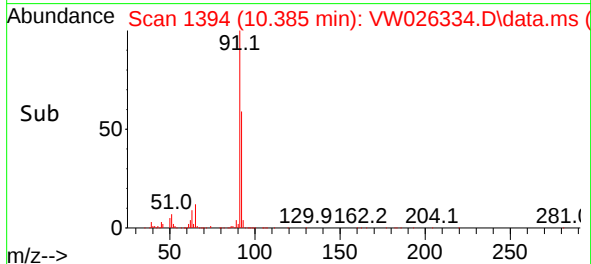
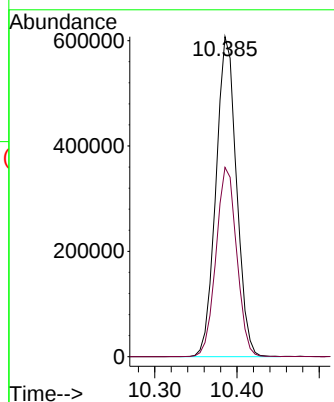
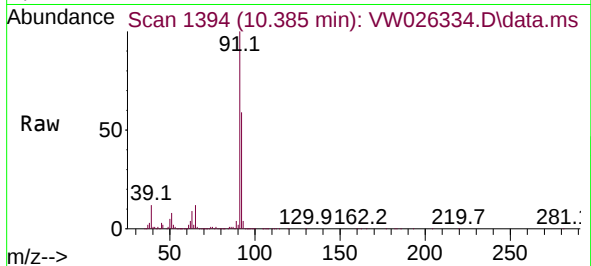




#42
Toluene
Concen: 25.501 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

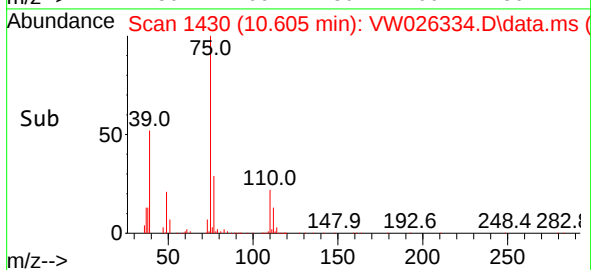
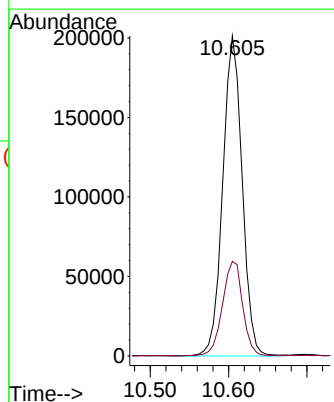
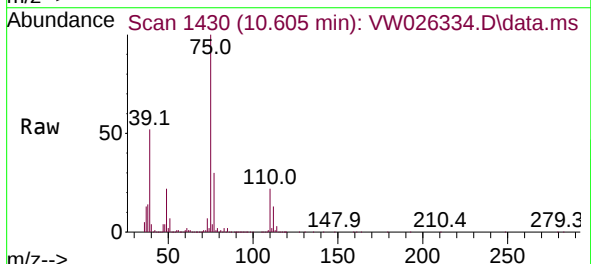
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

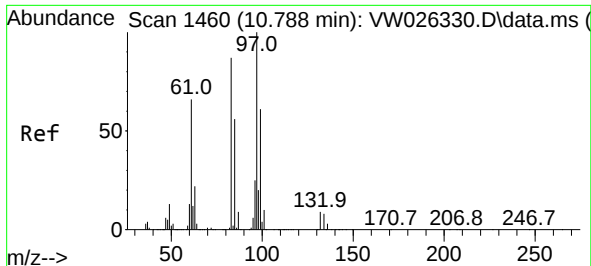
Tgt Ion: 91 Resp: 1054476
Ion Ratio Lower Upper
91 100
92 59.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.926 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 75 Resp: 347153
Ion Ratio Lower Upper
75 100
77 29.5 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.205 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion: 97 Resp: 178929

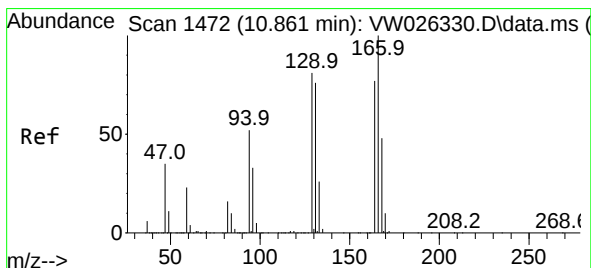
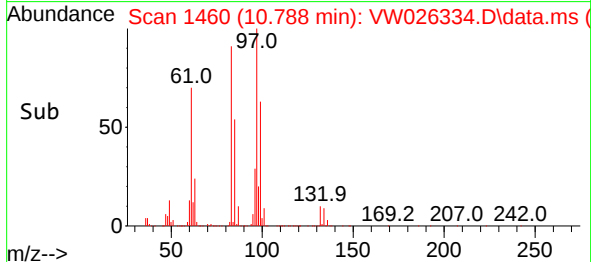
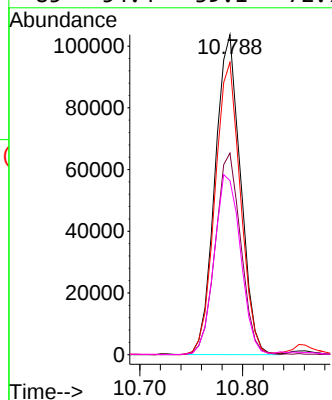
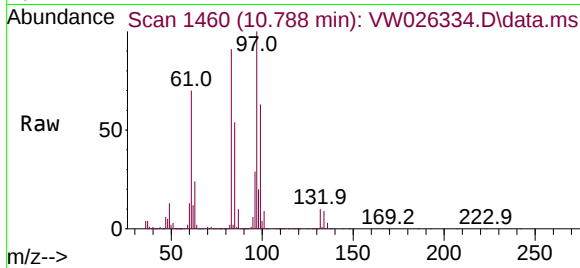
Ion Ratio Lower Upper

97 100

99 63.0 42.4 78.6

83 91.3 60.8 113.0

85 54.4 39.1 72.7



#46

Tetrachloroethene

Concen: 23.691 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Tgt Ion:164 Resp: 176150

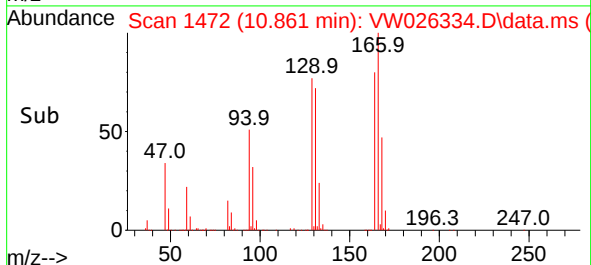
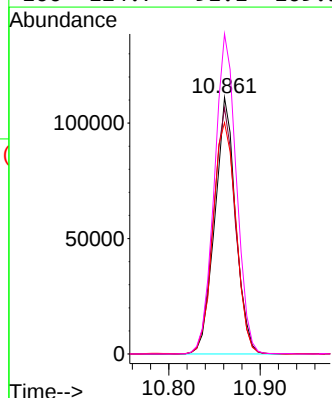
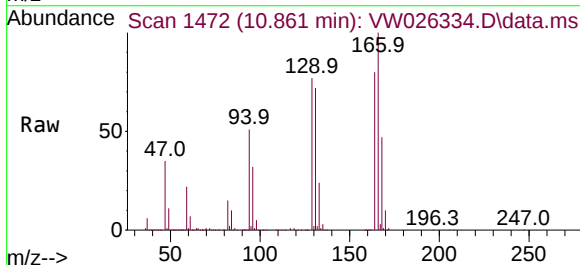
Ion Ratio Lower Upper

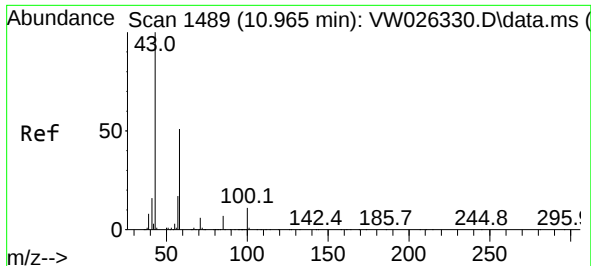
164 100

129 95.9 73.8 137.0

131 90.2 69.0 128.2

166 124.7 91.1 169.3

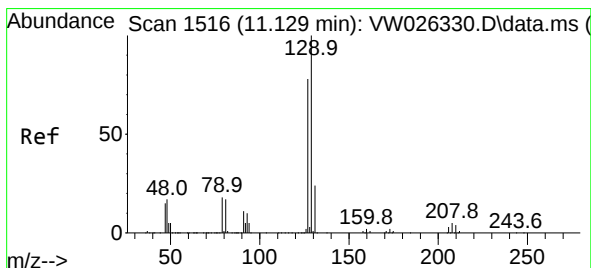
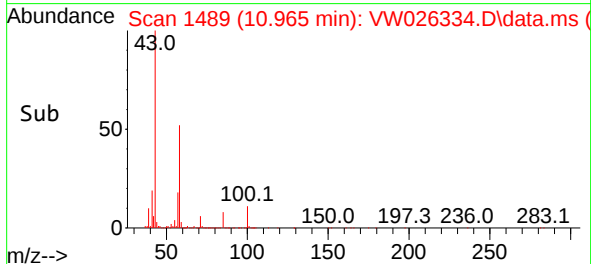
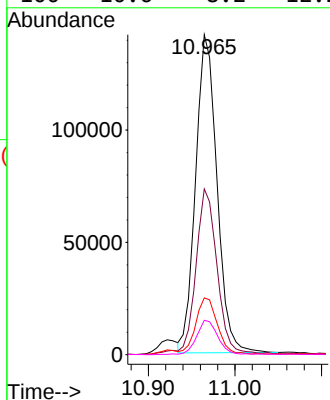
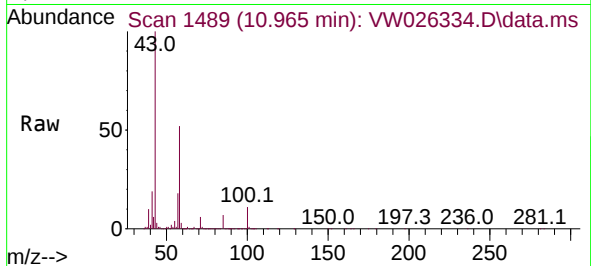




#48
2-Hexanone
Concen: 46.365 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

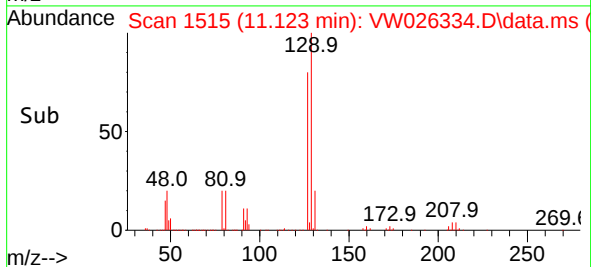
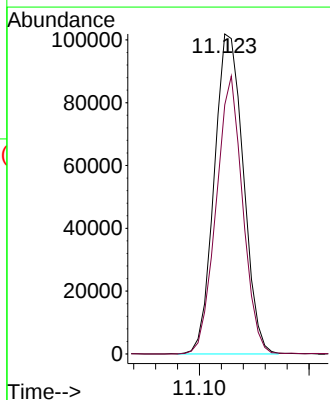
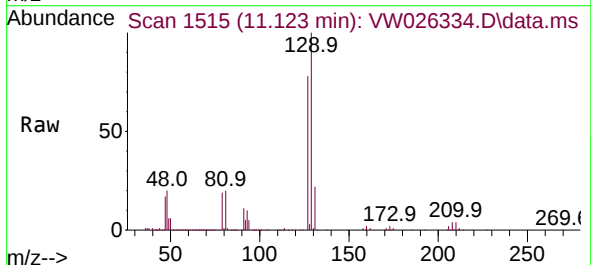
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

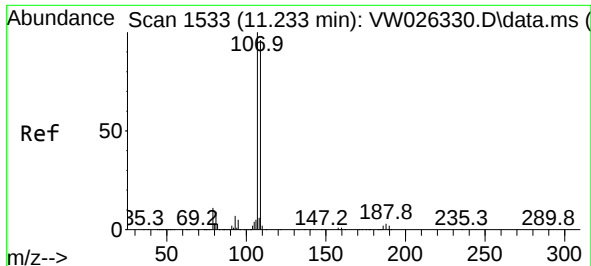
Tgt Ion:	43	Resp:	243177
Ion	Ratio	Lower	Upper
43	100		
58	50.9	40.1	60.1
57	17.6	13.4	20.0
100	10.6	8.2	12.2



#49
Dibromochloromethane
Concen: 23.806 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion:	129	Resp:	187954
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.4	101.0





#50

1,2-Dibromoethane

Concen: 23.549 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

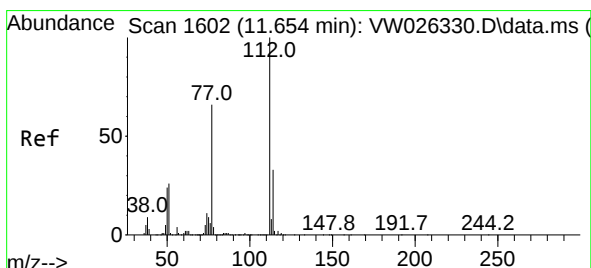
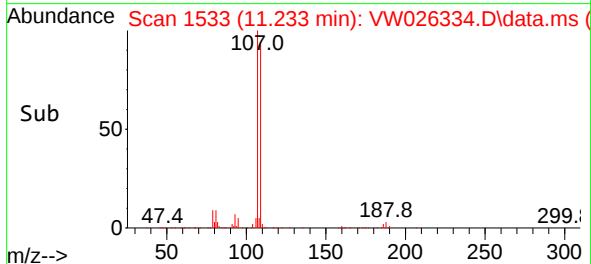
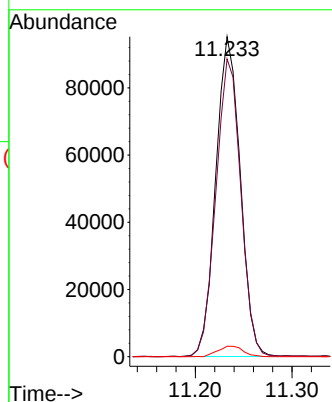
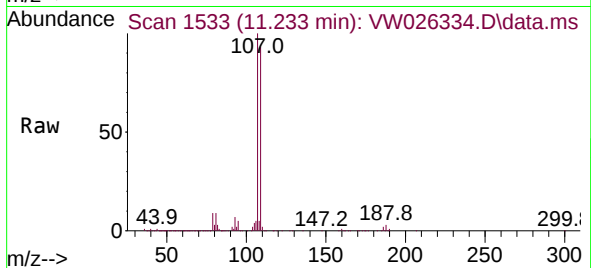
Tgt Ion:107 Resp: 166705

Ion Ratio Lower Upper

107 100

109 93.1 67.1 124.5

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 24.542 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

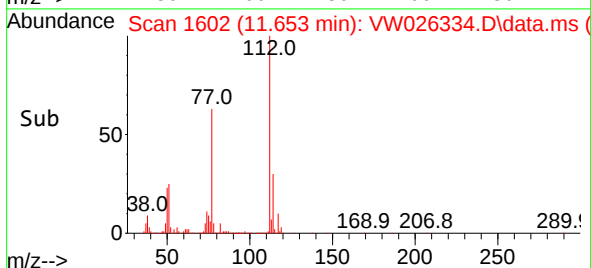
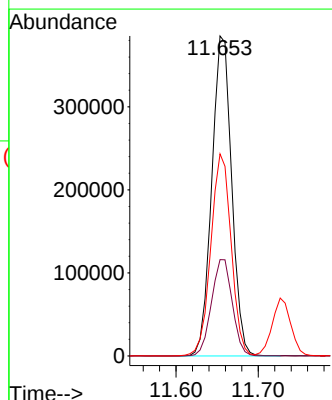
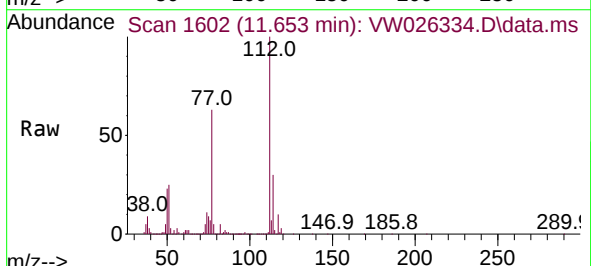
Tgt Ion:112 Resp: 647309

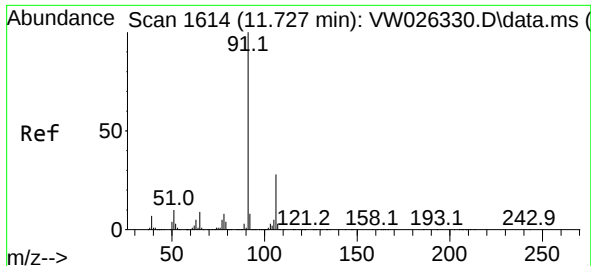
Ion Ratio Lower Upper

112 100

114 30.1 23.0 42.8

77 63.2 53.2 79.8

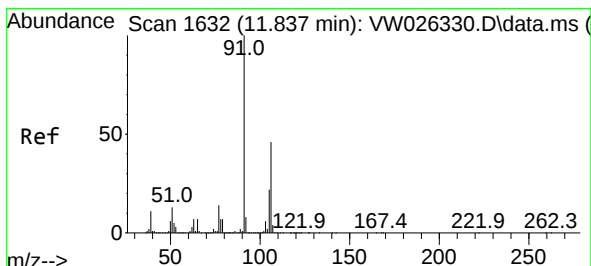
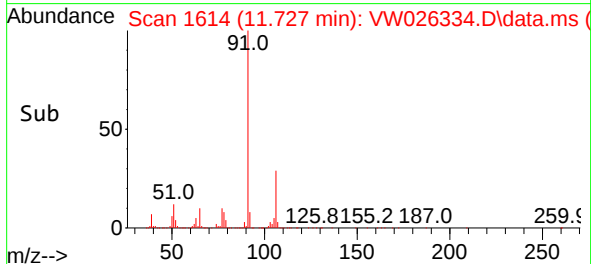
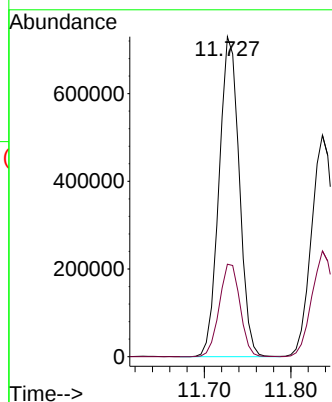
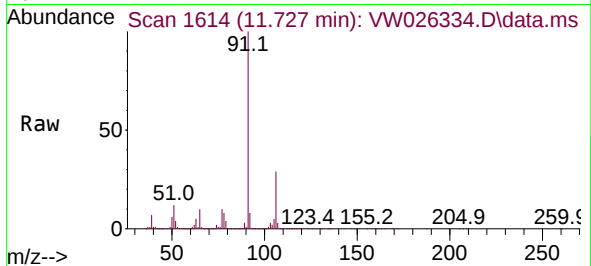




#52
Ethylbenzene
Concen: 25.410 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

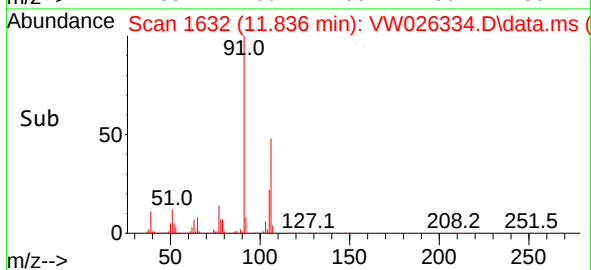
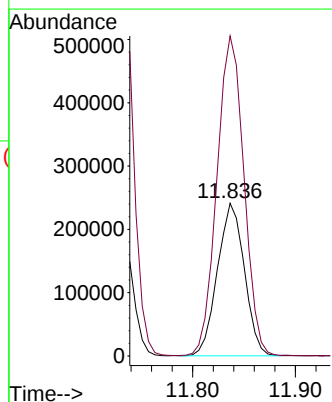
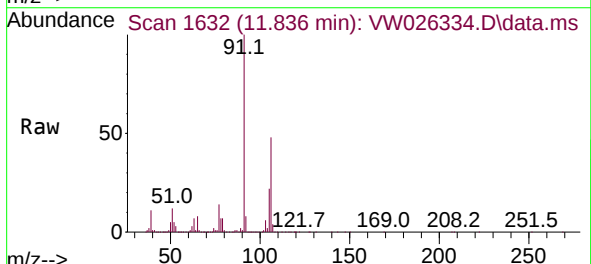
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

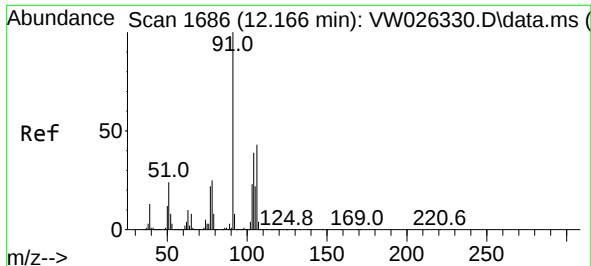
Tgt Ion: 91 Resp: 1183924
Ion Ratio Lower Upper
91 100
106 28.9 19.9 36.9



#53
m,p-Xylene
Concen: 25.795 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion: 106 Resp: 438321
Ion Ratio Lower Upper
106 100
91 209.6 152.1 282.5

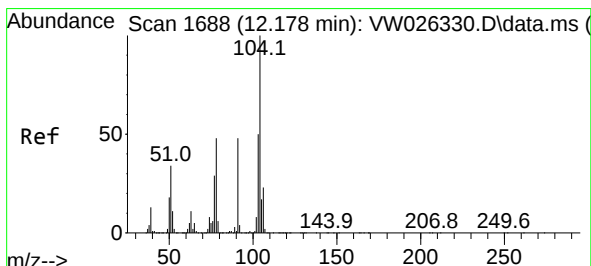
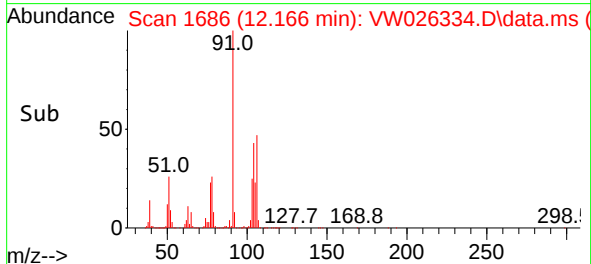
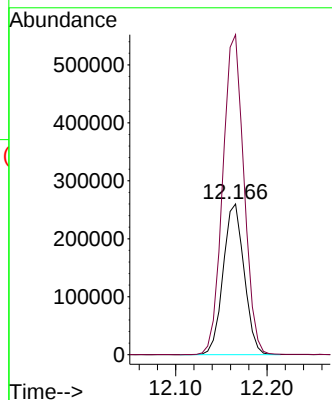
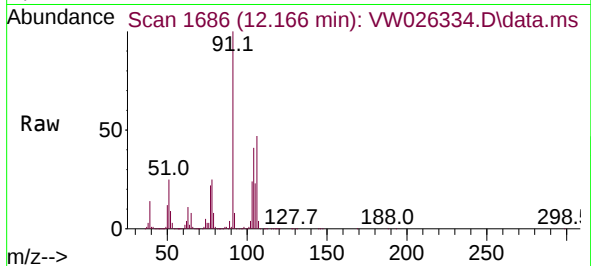




#54
o-Xylene
Concen: 25.944 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

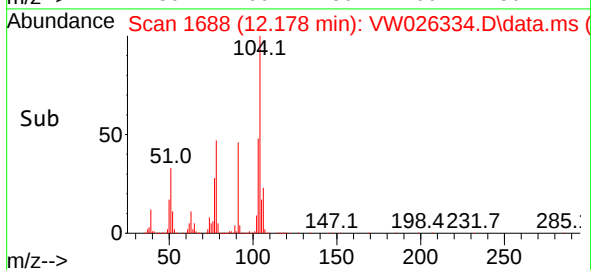
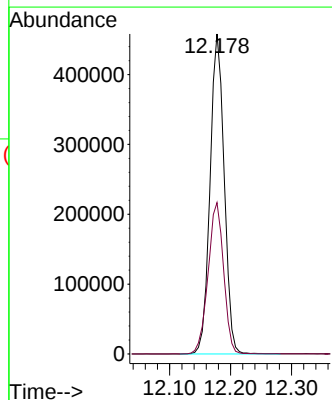
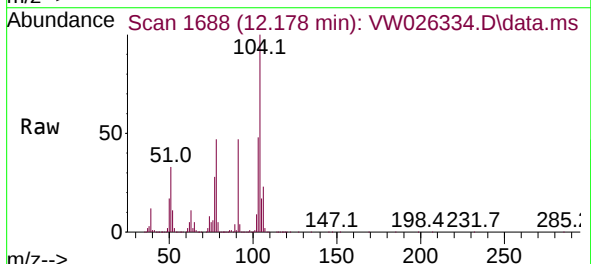
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

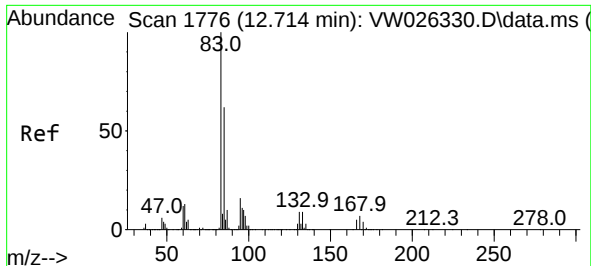
Tgt Ion:106 Resp: 415085
Ion Ratio Lower Upper
106 100
91 212.3 161.5 299.9



#55
Styrene
Concen: 26.453 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion:104 Resp: 738161
Ion Ratio Lower Upper
104 100
78 47.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.280 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

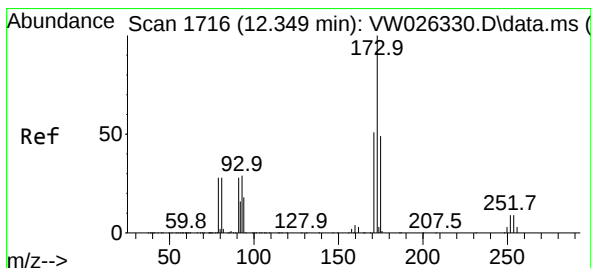
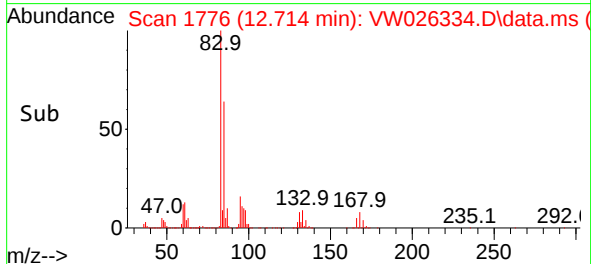
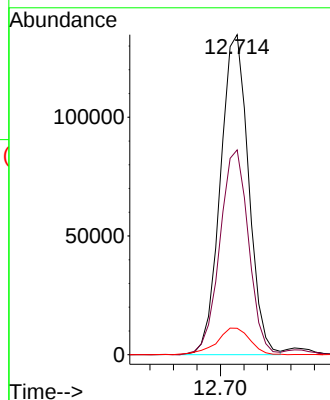
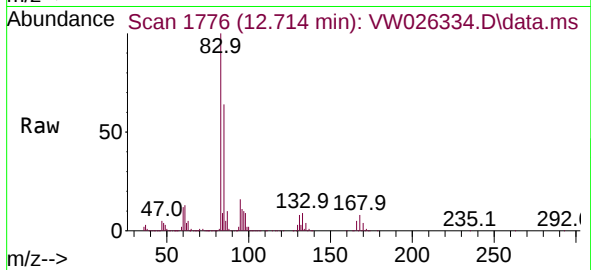
Tgt Ion: 83 Resp: 224376

Ion Ratio Lower Upper

83 100

85 64.0 43.7 81.1

131 8.2 7.4 11.0



#59

Bromoform

Concen: 23.045 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

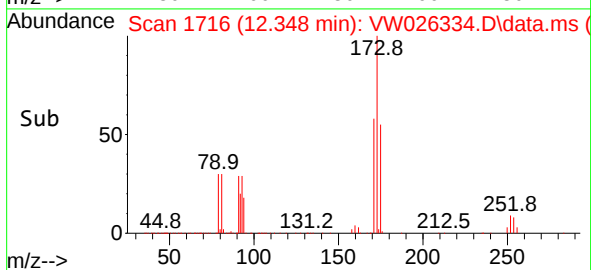
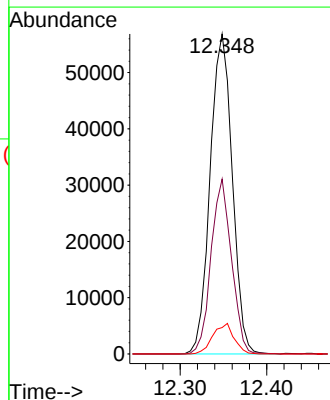
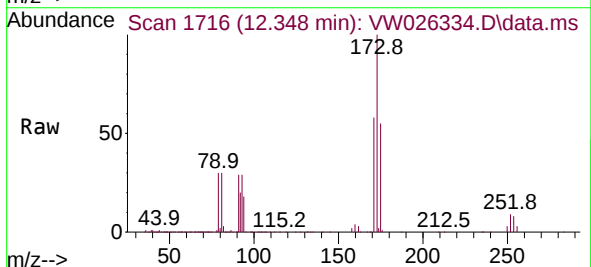
Tgt Ion: 173 Resp: 100947

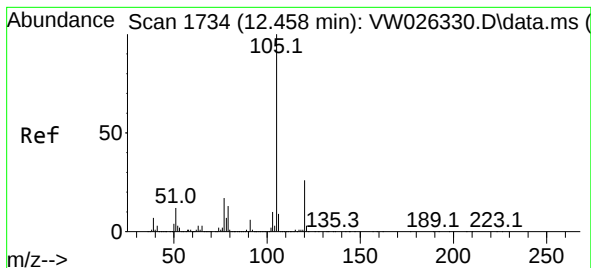
Ion Ratio Lower Upper

173 100

175 50.5 39.7 59.5

254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 25.905 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

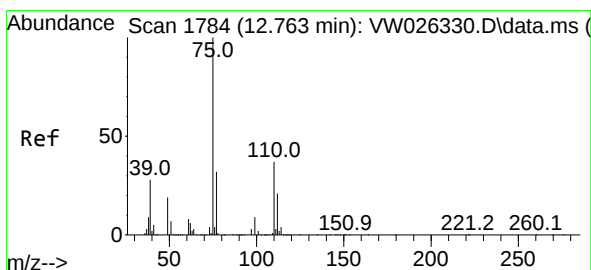
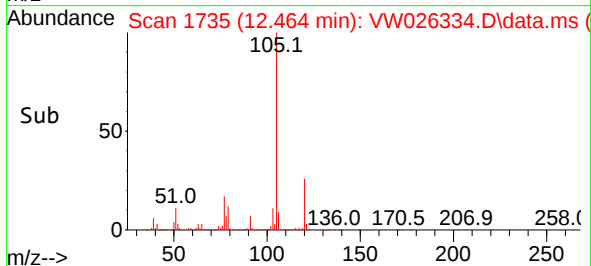
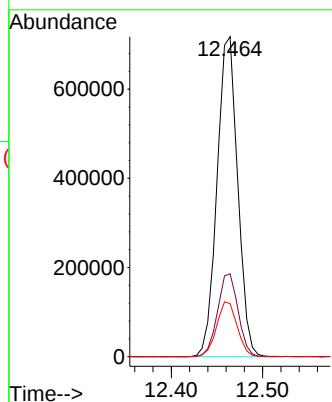
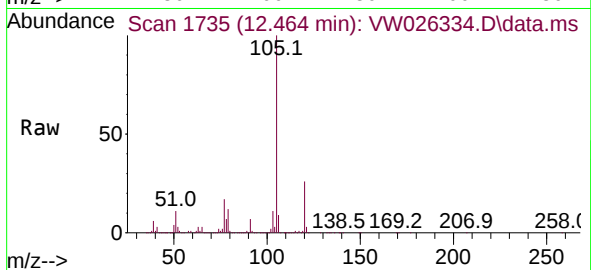
Tgt Ion:105 Resp: 1127369

Ion Ratio Lower Upper

105 100

120 25.9 20.4 30.6

77 17.2 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 23.179 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

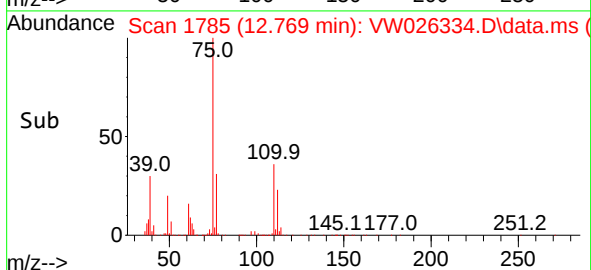
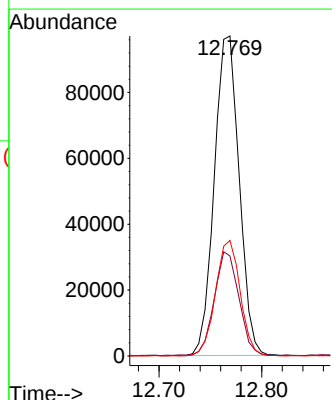
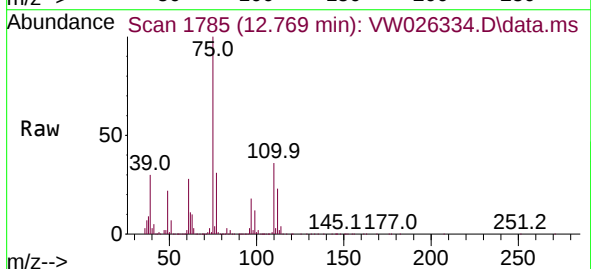
Tgt Ion: 75 Resp: 163154

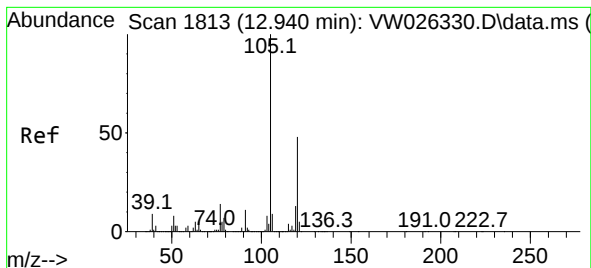
Ion Ratio Lower Upper

75 100

77 32.3 25.9 38.9

110 35.9 29.4 44.0

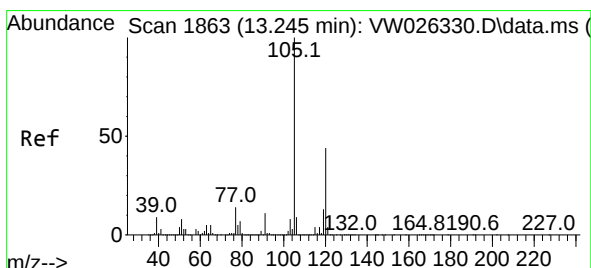
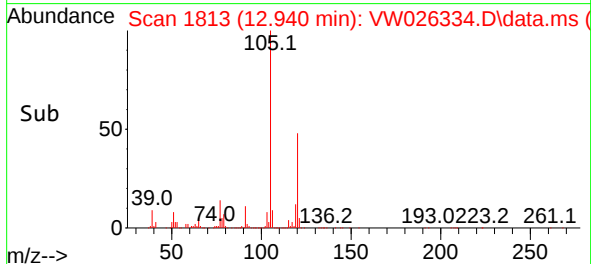
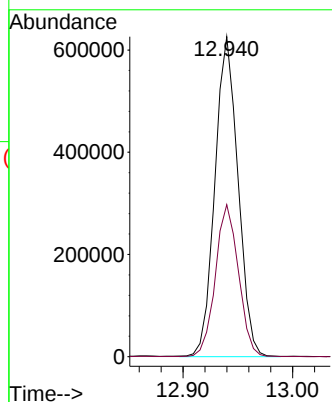
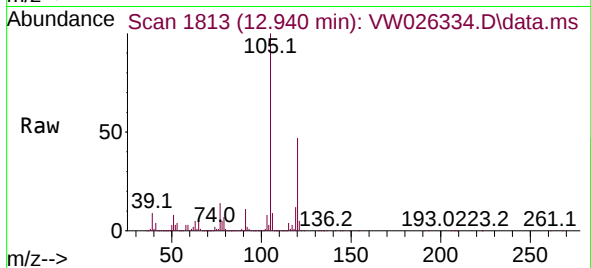




#62
1,3,5-Trimethylbenzene
Concen: 27.188 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

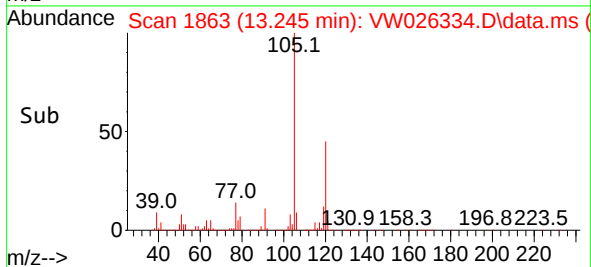
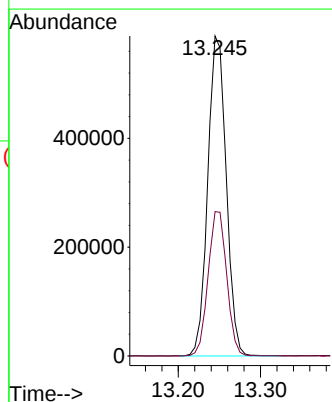
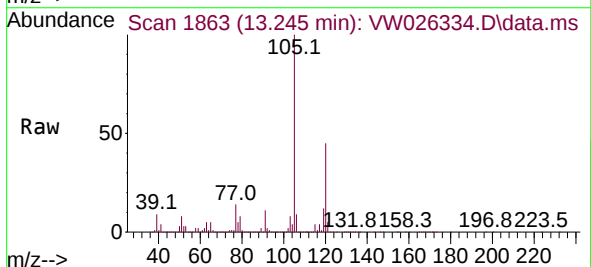
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

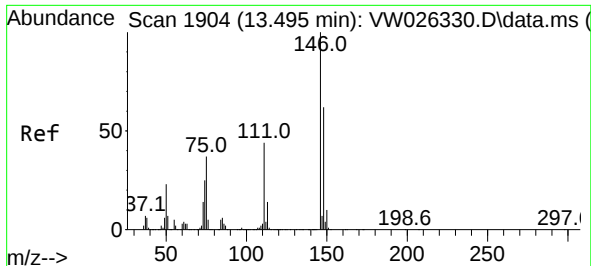
Tgt Ion:105 Resp: 917220
Ion Ratio Lower Upper
105 100
120 47.4 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.198 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion:105 Resp: 917471
Ion Ratio Lower Upper
105 100
120 45.5 35.0 52.6

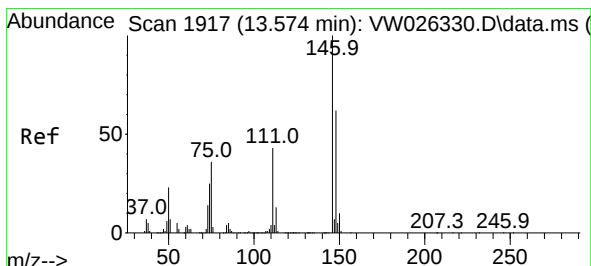
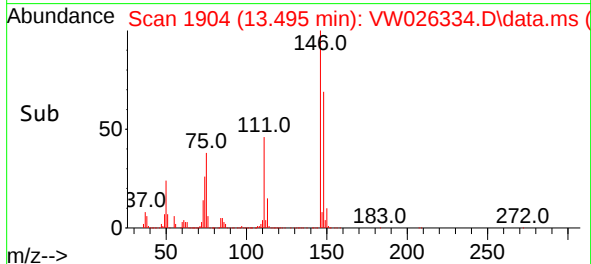
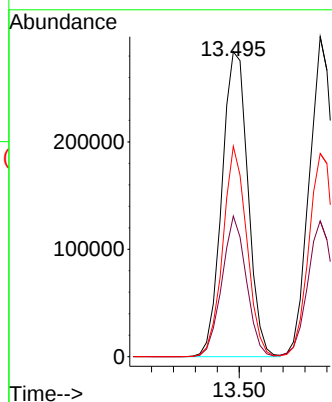
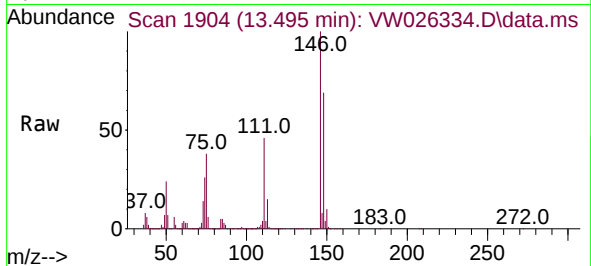




#64
1,3-Dichlorobenzene
Concen: 25.126 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

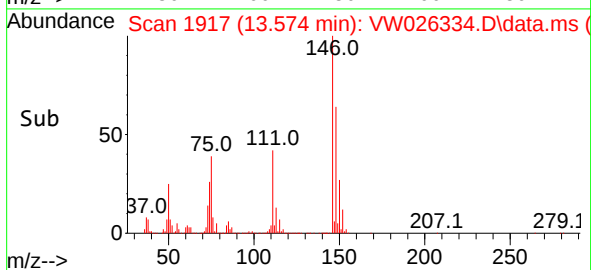
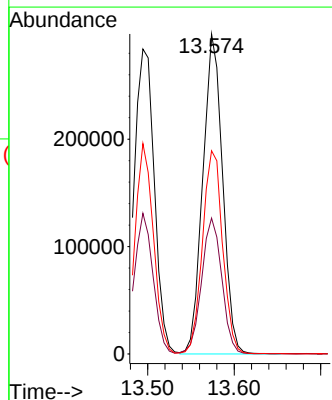
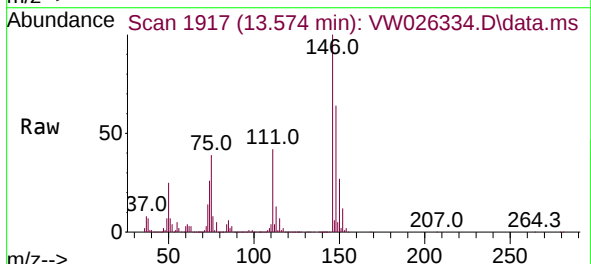
Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

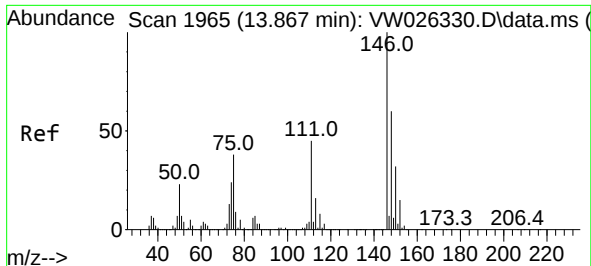
Tgt Ion:146 Resp: 468355
Ion Ratio Lower Upper
146 100
111 46.1 30.8 57.2
148 69.0 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 25.301 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion:146 Resp: 471975
Ion Ratio Lower Upper
146 100
111 42.4 30.0 55.8
148 63.5 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 25.938 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

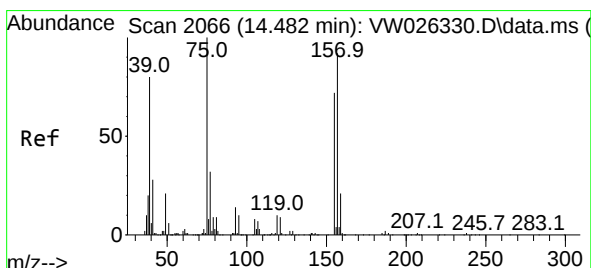
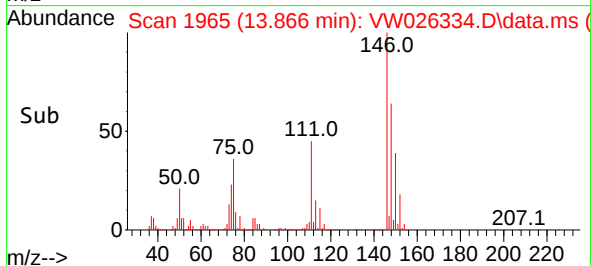
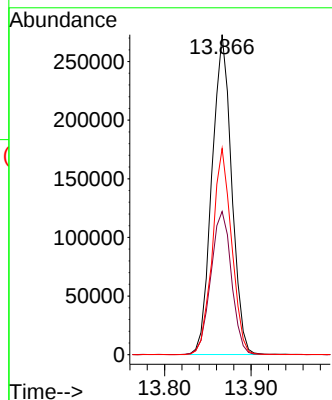
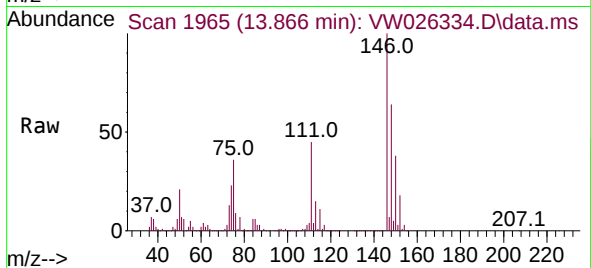
Tgt Ion:146 Resp: 430612

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 64.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.692 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

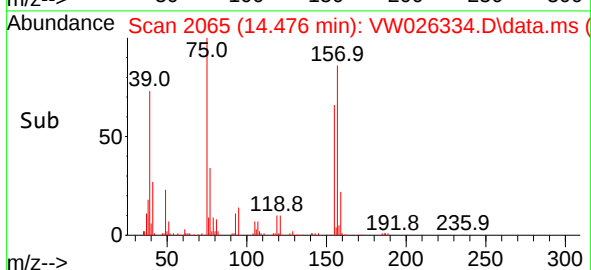
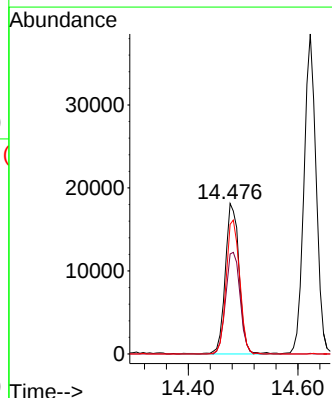
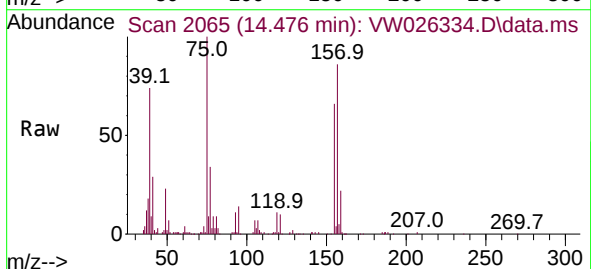
Tgt Ion: 75 Resp: 31946

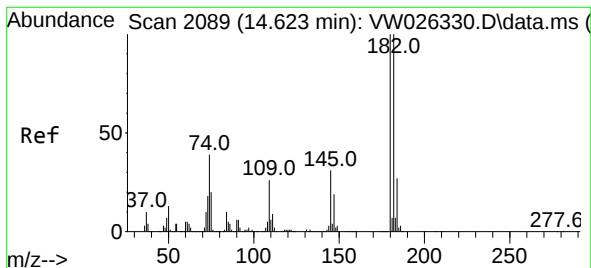
Ion Ratio Lower Upper

75 100

155 66.5 57.5 86.3

157 86.2 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 23.698 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025534

Tgt Ion:180 Resp: 283846

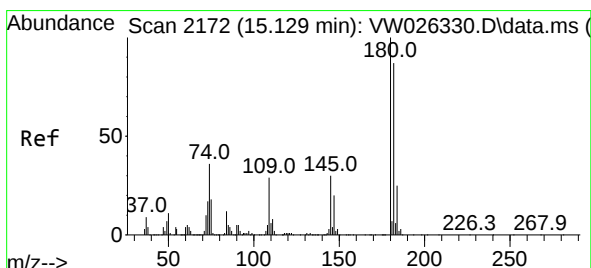
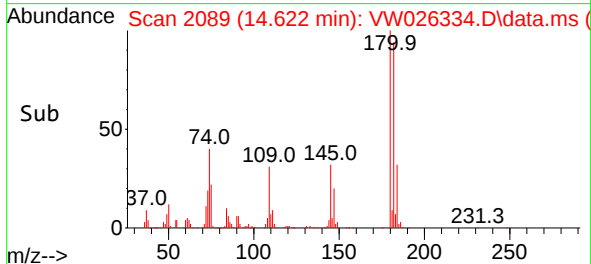
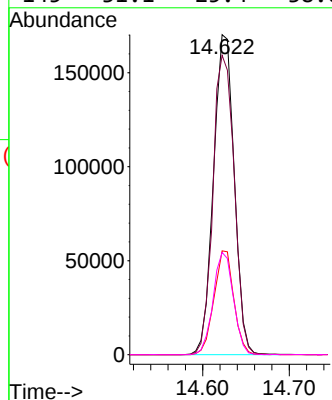
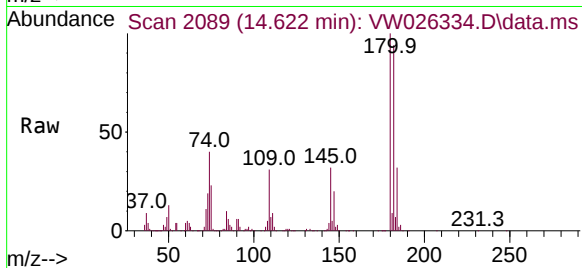
Ion Ratio Lower Upper

180 100

182 95.9 74.2 111.4

184 31.0 23.8 35.6

145 31.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.427 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026334.D

Acq: 26 Jun 2023 14:00

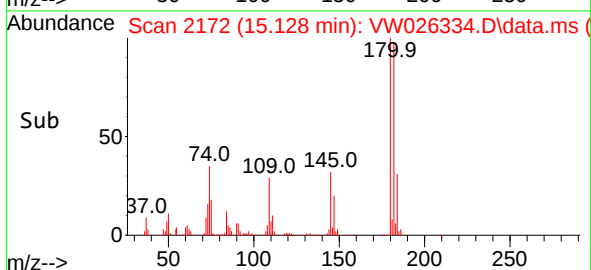
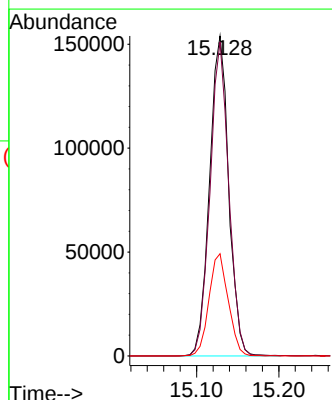
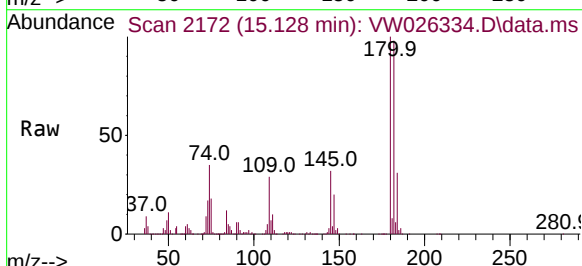
Tgt Ion:180 Resp: 249243

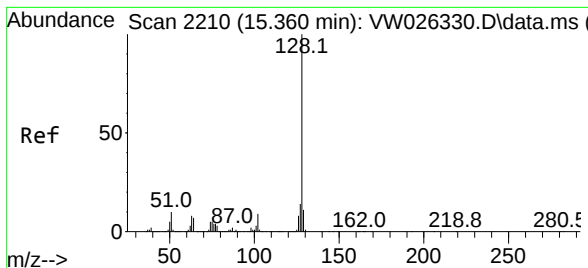
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 32.1 24.7 37.1

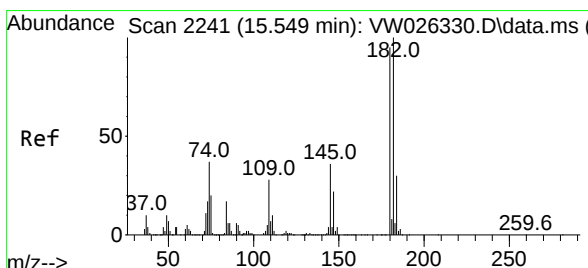
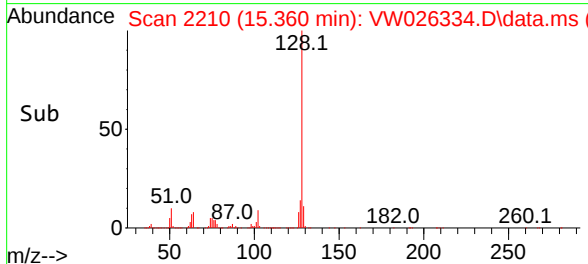
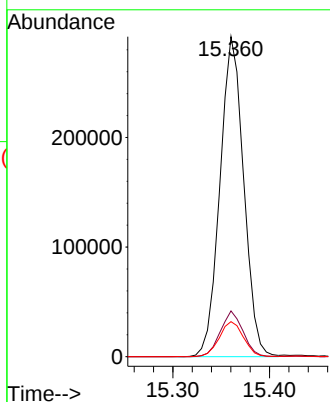
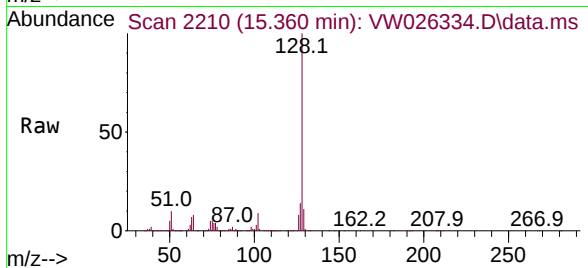




#71
Naphthalene
Concen: 25.244 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025534

Tgt Ion:128 Resp: 497429
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.441 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026334.D
Acq: 26 Jun 2023 14:00

Tgt Ion:180 Resp: 232827
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.6
145 33.8 28.5 42.7

