

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
 Data File : VW026171.D
 Acq On : 09 Jun 2023 15:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Jun 09 22:56:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 22:52:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	676441	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	325562	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	241488	22.169	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.680%		
7) Chloroethane-d5	2.893	69	216859	26.594	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.360%		
11) 1,1-Dichloroethene-d2	4.021	65	121214	22.567	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.280%		
21) 2-Butanone-d5	7.075	46	158359	49.933	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.860%		
24) Chloroform-d	7.648	84	533969	23.548	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	8.301	65	290924	23.463	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.840%		
32) Benzene-d6	8.270	84	1063422	23.363	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	9.270	67	332270	23.042	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.160%		
41) Toluene-d8	10.319	98	927377	22.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	10.575	79	125732	22.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.000%		
47) 2-Hexanone-d5	10.922	63	111560	49.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	242547	23.114	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.440%		
66) 1,2-Dichlorobenzene-d4	13.848	152	282777	22.693	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.021	85	186130	19.608	ug/L	95
3) Chloromethane	2.222	50	313773	25.780	ug/L	97
5) Vinyl chloride	2.375	62	324380	24.933	ug/L	99
6) Bromomethane	2.789	94	186041	26.231	ug/L	98
8) Chloroethane	2.936	64	196558	27.958	ug/L	97
9) Trichlorofluoromethane	3.265	101	186498	22.282	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	249711	23.644	ug/L	99
12) 1,1-Dichloroethene	4.045	96	232941	23.627	ug/L	87
13) Acetone	4.118	43	109311	44.545	ug/L	96
14) Carbon disulfide	4.387	76	771098	22.156	ug/L	100
15) Methyl Acetate	4.661	43	131807	23.932	ug/L	99
16) Methylene chloride	4.917	84	267431	21.639	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	259647	23.473	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	417480	23.947	ug/L	98
19) 1,1-Dichloroethane	6.216	63	542947	24.110	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	285134	24.335	ug/L	96
22) 2-Butanone	7.167	43	164190	46.904	ug/L	100
23) Bromochloromethane	7.514	128	117473	23.509	ug/L	98
25) Chloroform	7.679	83	508039	24.222	ug/L	96

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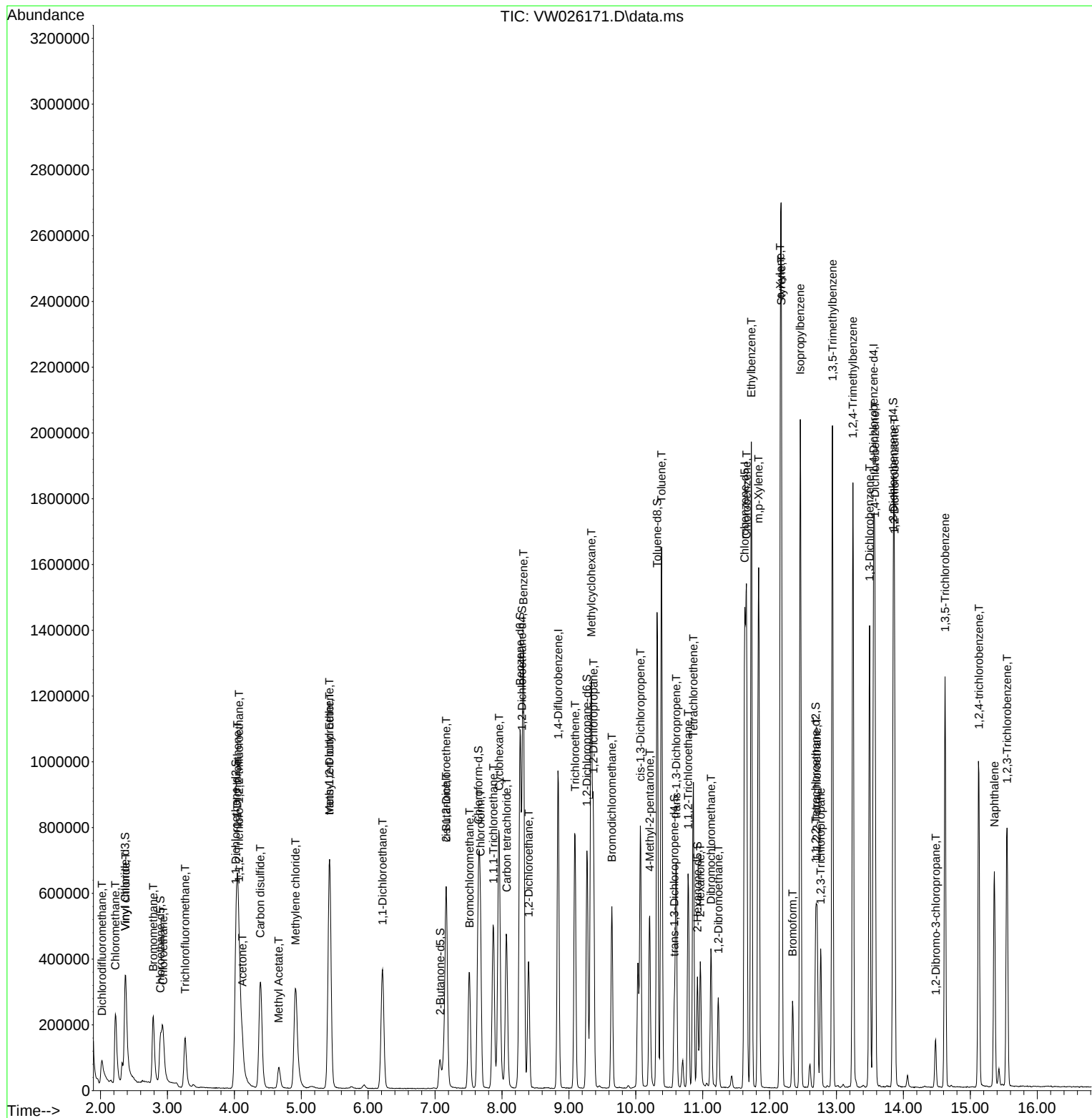
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	353509	24.437	ug/L	97
29) Cyclohexane	7.959	56	481949	23.078	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	407127	24.801	ug/L	100
31) Carbon tetrachloride	8.069	117	360257	24.050	ug/L	97
33) Benzene	8.319	78	1121816	24.209	ug/L	100
34) Trichloroethene	9.093	95	285968	24.101	ug/L	91
35) Methylcyclohexane	9.337	83	486230	23.158	ug/L	100
37) 1,2-Dichloropropane	9.367	63	304292	24.244	ug/L	100
38) Bromodichloromethane	9.642	83	355576	24.385	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	442697	24.002	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	370080	50.013	ug/L	99
42) Toluene	10.386	91	1165635	24.594	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	364932	23.750	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	197056	23.822	ug/L	98
46) Tetrachloroethene	10.861	164	195147	23.252	ug/L	92
48) 2-Hexanone	10.965	43	262306	50.275	ug/L	97
49) Dibromochloromethane	11.123	129	209993	24.213	ug/L	94
50) 1,2-Dibromoethane	11.233	107	183667	23.980	ug/L	99
51) Chlorobenzene	11.654	112	714866	24.070	ug/L	100
52) Ethylbenzene	11.727	91	1329493	24.866	ug/L	96
53) m,p-Xylene	11.837	106	479893	24.128	ug/L	99
54) o-Xylene	12.160	106	453212	24.142	ug/L	94
55) Styrene	12.178	104	788037	24.468	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	238660	23.840	ug/L	99
59) Bromoform	12.343	173	110479	22.594	ug/L	99
60) Isopropylbenzene	12.458	105	1265526	24.745	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	172092	23.598	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1032815	25.403	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	951448	25.551	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	520154	24.189	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	534566	24.692	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	468396	24.256	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	38815	22.973	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	320183	21.676	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	283406	23.251	ug/L	97
71) Naphthalene	15.360	128	529843	24.390	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	245059	23.005	ug/L	98

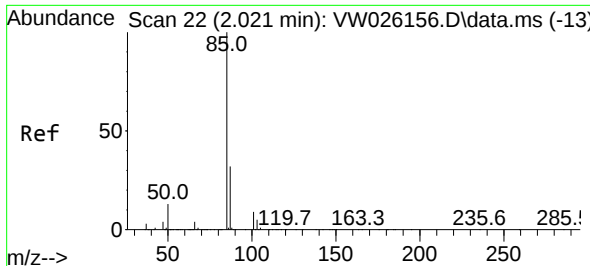
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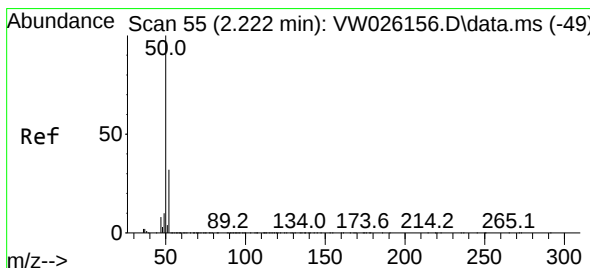
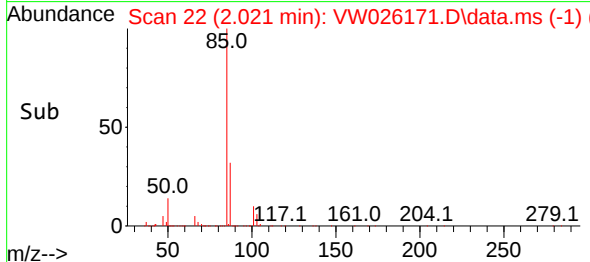
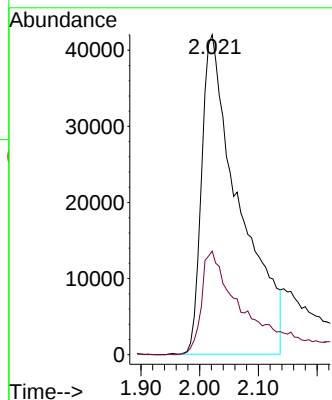
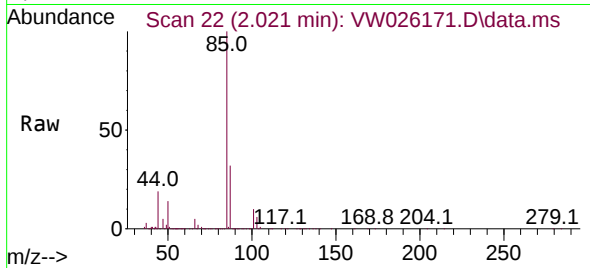




#2
Dichlorodifluoromethane
Concen: 19.608 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

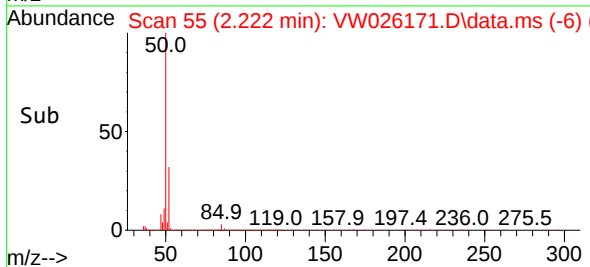
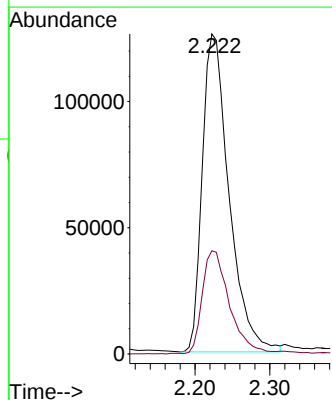
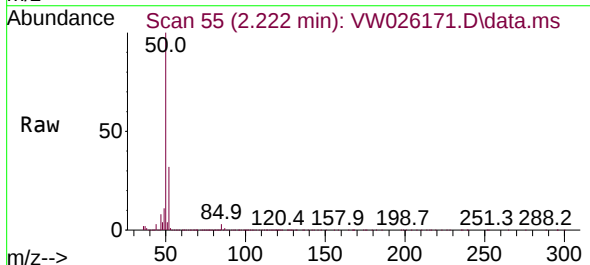
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

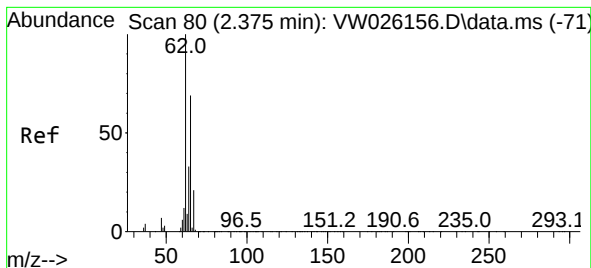
Tgt Ion: 85 Resp: 186130
Ion Ratio Lower Upper
85 100
87 25.1 22.2 33.2



#3
Chloromethane
Concen: 25.780 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 50 Resp: 313773
Ion Ratio Lower Upper
50 100
52 32.3 21.3 39.6





#5

Vinyl chloride

Concen: 24.933 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

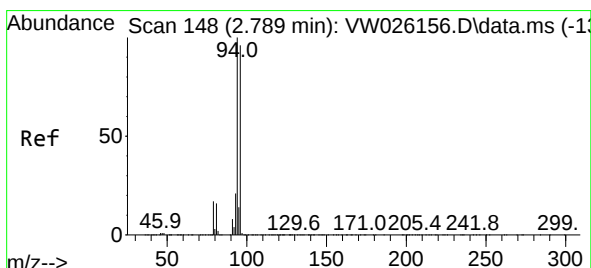
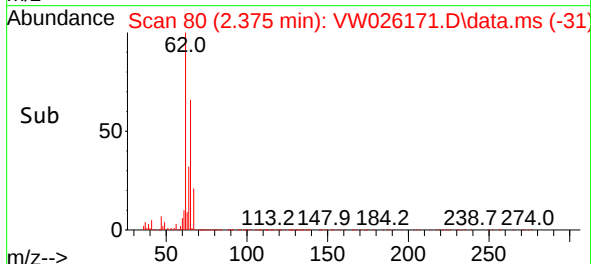
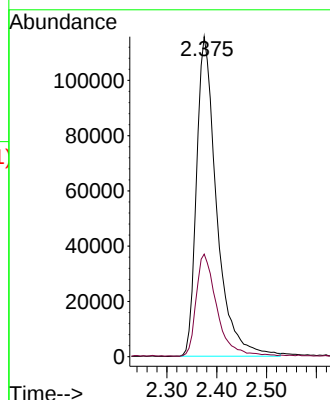
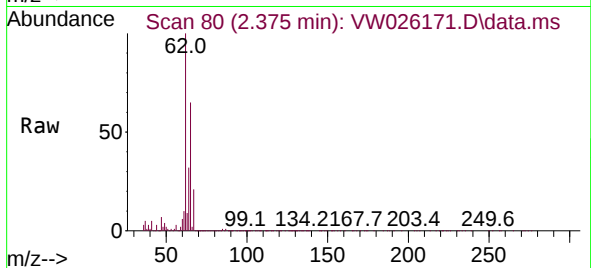
VSTD025514

Tgt Ion: 62 Resp: 324380

Ion Ratio Lower Upper

62 100

64 32.1 22.7 42.1



#6

Bromomethane

Concen: 26.231 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW026171.D

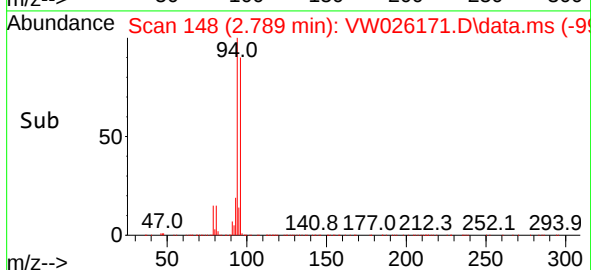
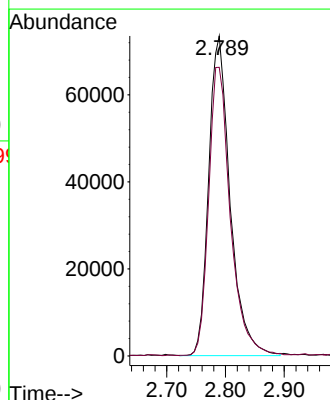
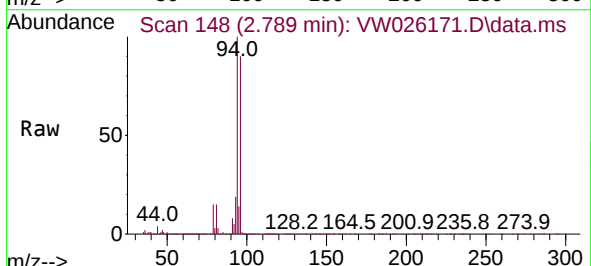
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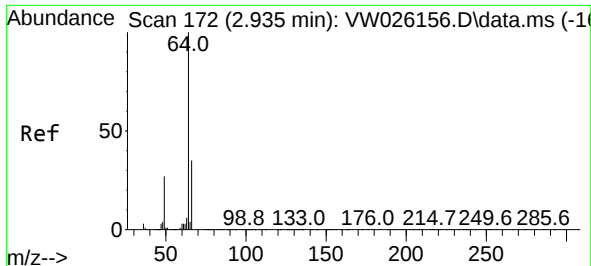
Tgt Ion: 94 Resp: 186041

Ion Ratio Lower Upper

94 100

96 90.2 64.2 119.2

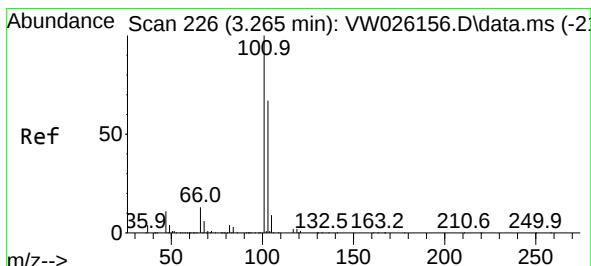
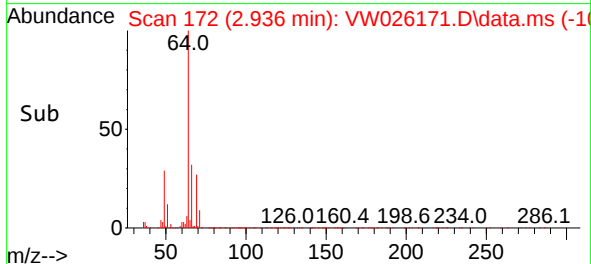
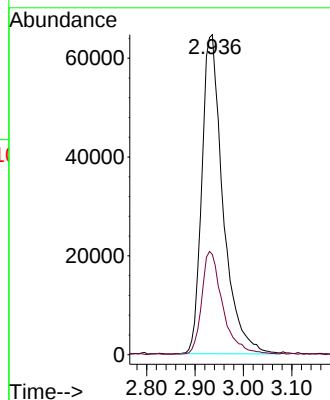
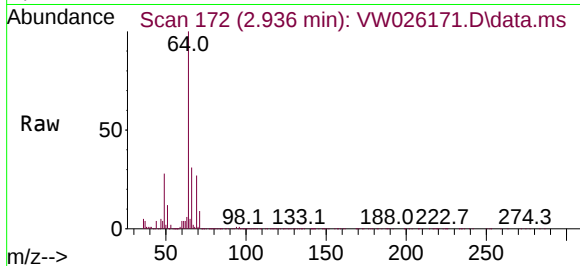




#8
Chloroethane
Concen: 27.958 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

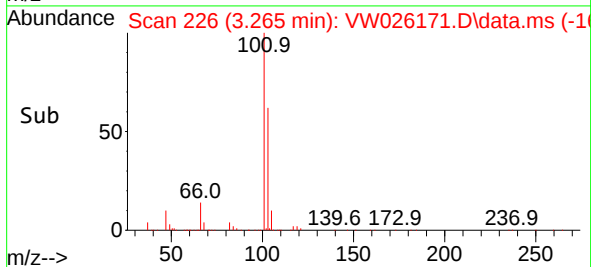
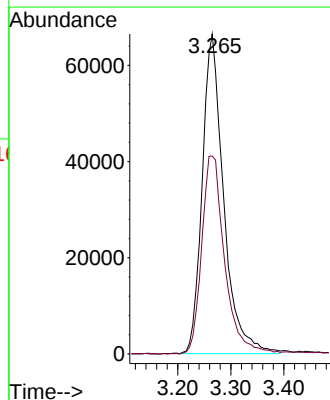
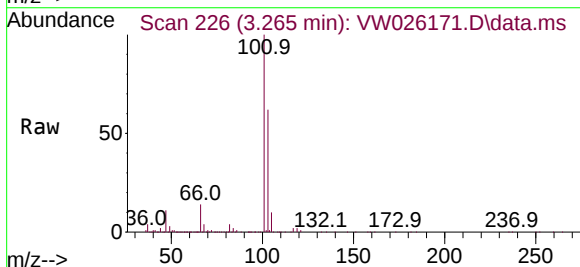
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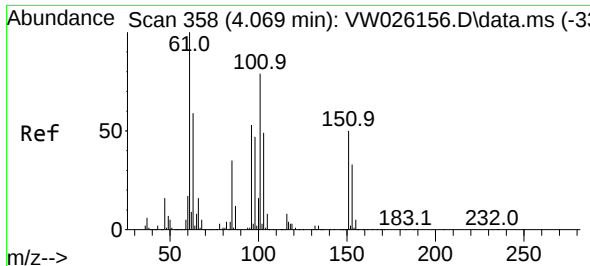
Tgt Ion: 64 Resp: 196558
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.282 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 101 Resp: 186498
Ion Ratio Lower Upper
101 100
103 66.3 51.6 77.4

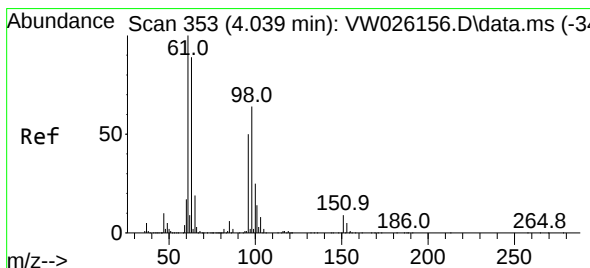
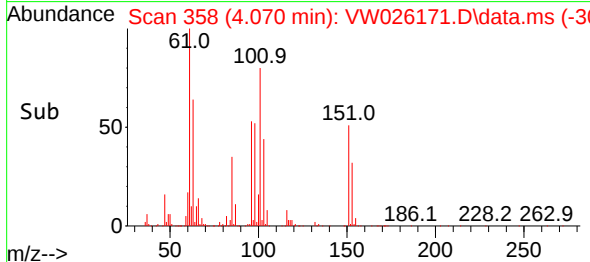
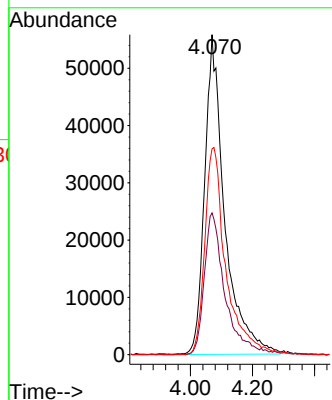
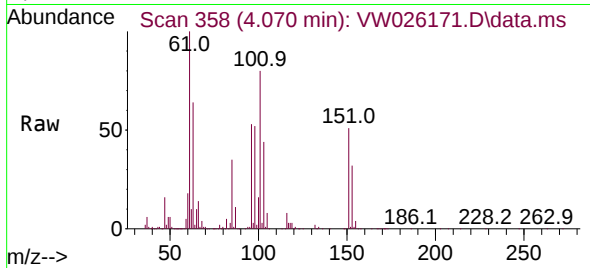




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.644 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026171.D
 Acq: 09 Jun 2023 15:43

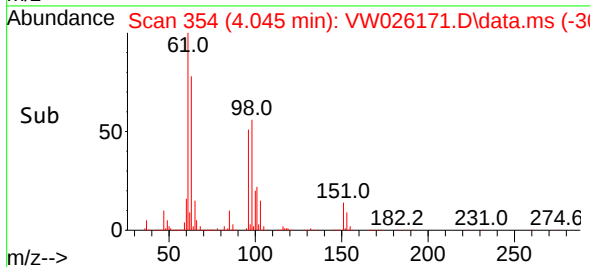
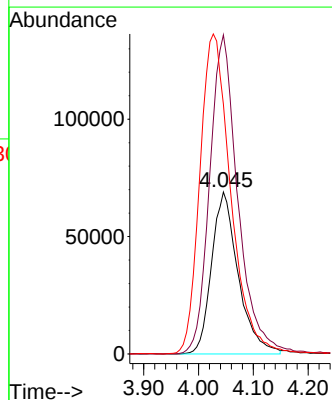
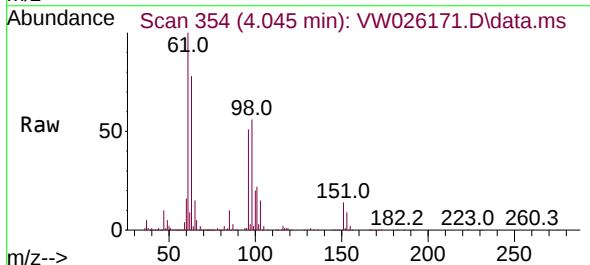
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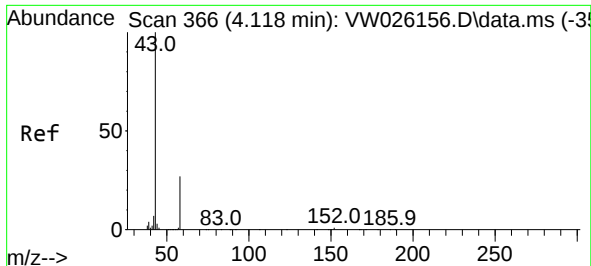
Tgt Ion:101 Resp: 249711
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 67.0 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 23.627 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026171.D
 Acq: 09 Jun 2023 15:43

Tgt Ion: 96 Resp: 232941
 Ion Ratio Lower Upper
 96 100
 61 197.1 140.6 261.0
 63 154.3 131.7 244.5

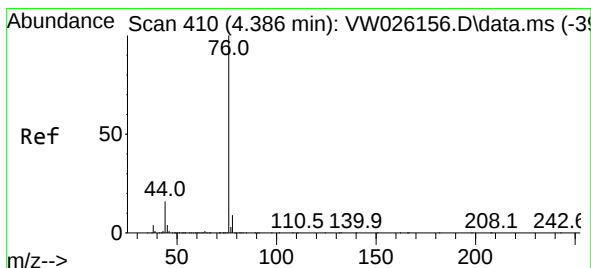
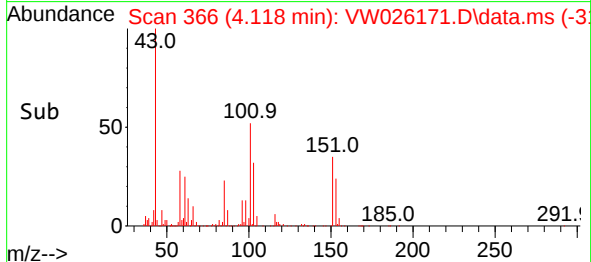
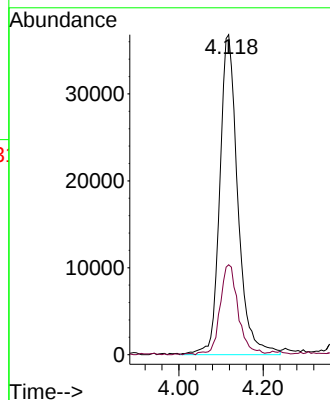
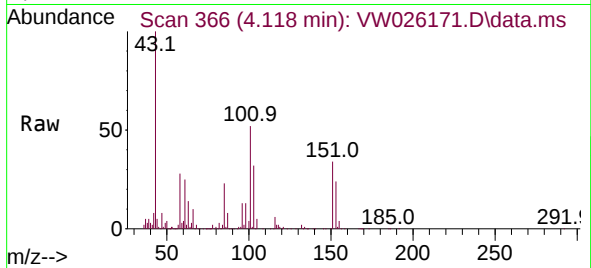




#13
Acetone
Concen: 44.545 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
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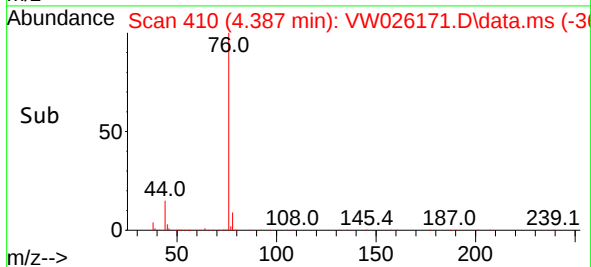
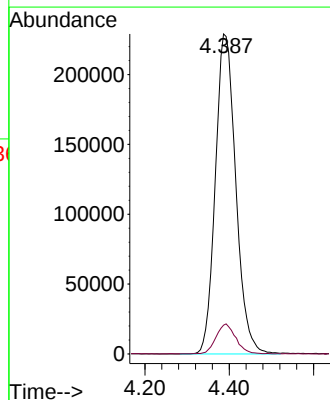
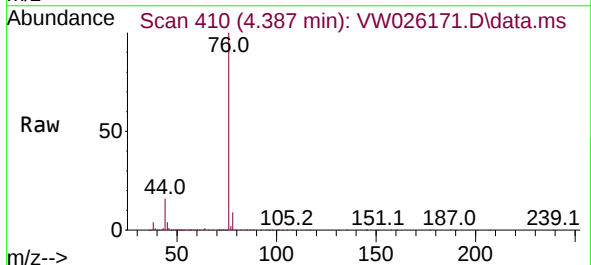
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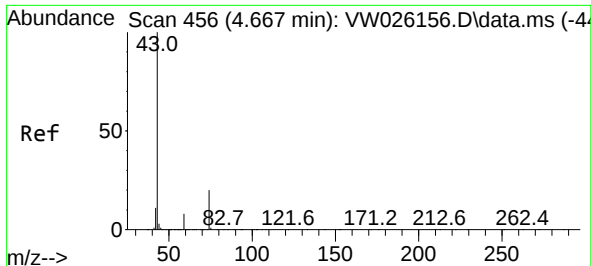
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Ion Ratio Lower Upper
43 100
58 26.8 0.0 58.2



#14
Carbon disulfide
Concen: 22.156 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026171.D
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Tgt Ion: 76 Resp: 771098
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

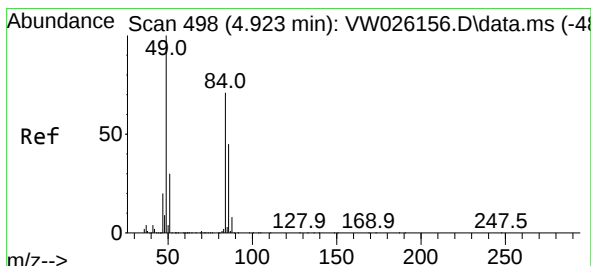
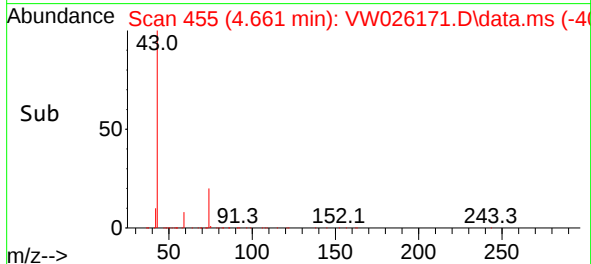
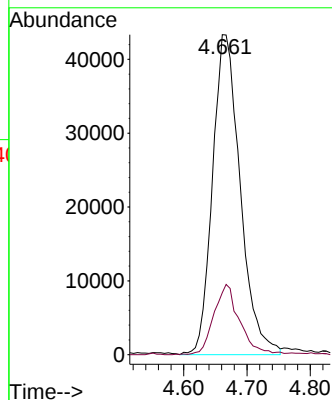
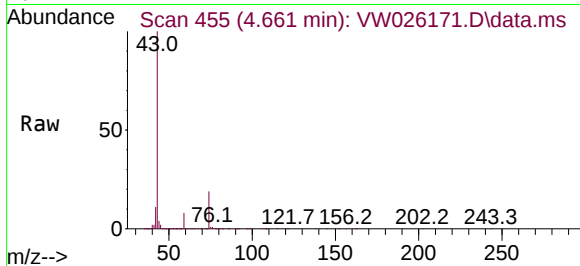




#15
Methyl Acetate
Concen: 23.932 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

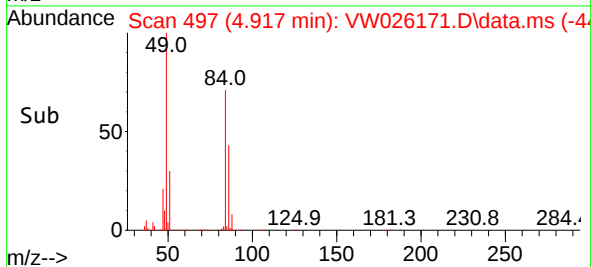
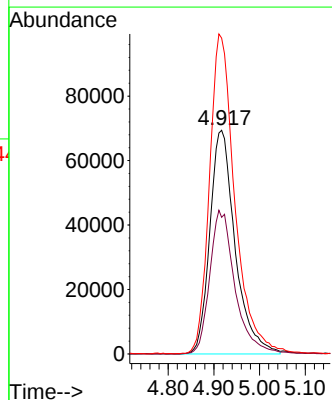
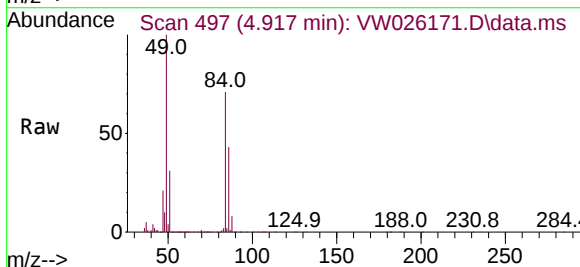
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

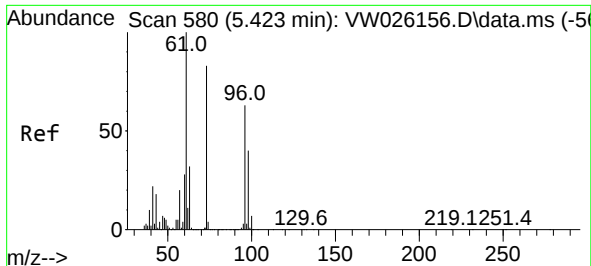
Tgt Ion: 43 Resp: 131807
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



#16
Methylene chloride
Concen: 21.639 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 84 Resp: 267431
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.0
49 141.1 98.8 183.6

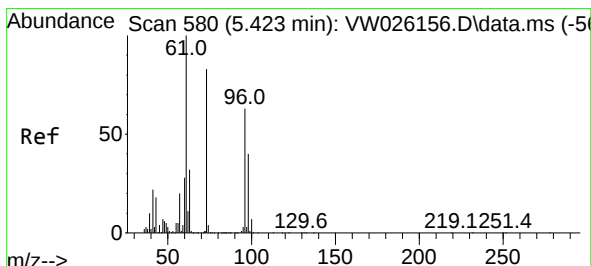
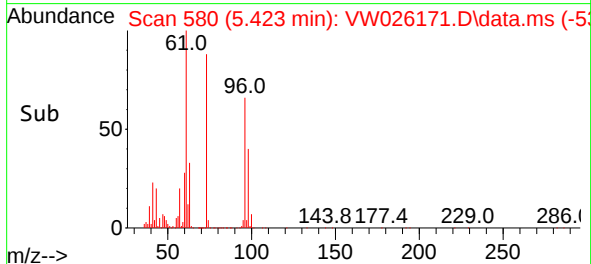
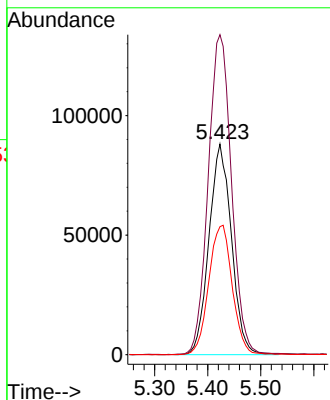
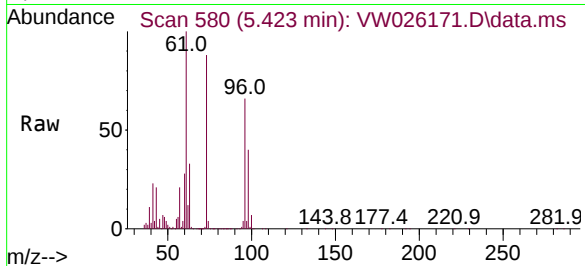




#17
trans-1,2-Dichloroethene
Concen: 23.473 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

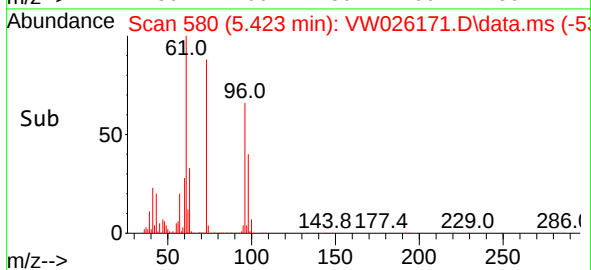
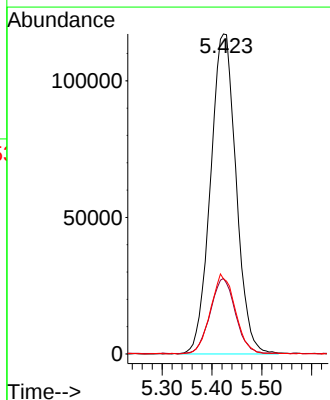
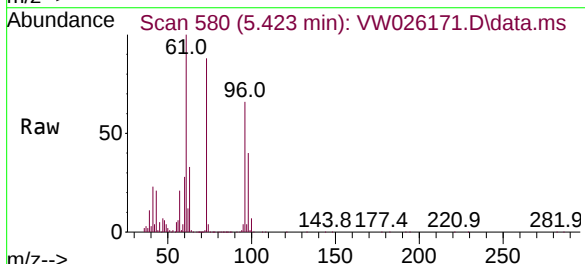
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

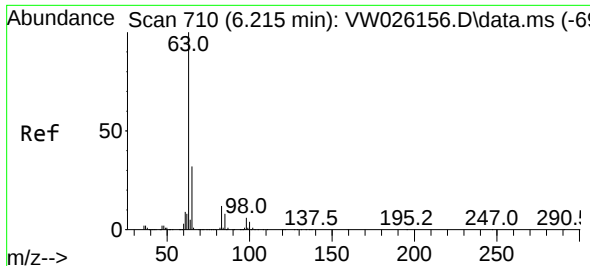
Tgt Ion: 96 Resp: 259647
Ion Ratio Lower Upper
96 100
61 152.0 113.0 209.8
98 60.8 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.947 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 73 Resp: 417480
Ion Ratio Lower Upper
73 100
43 23.0 17.8 26.6
57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.110 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

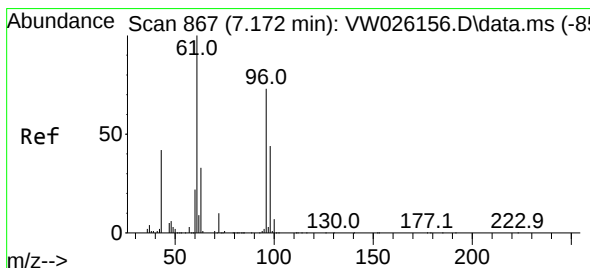
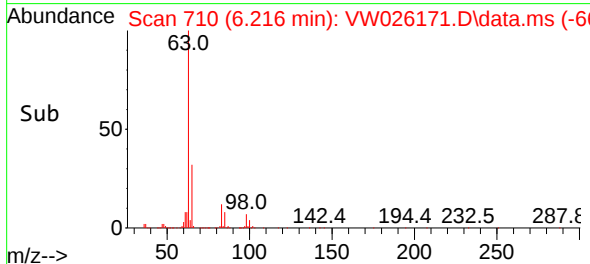
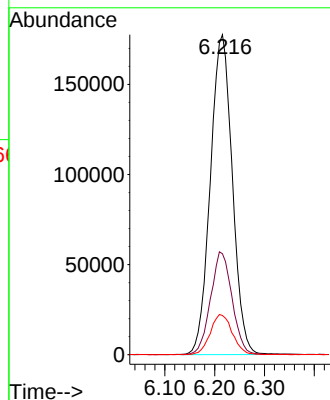
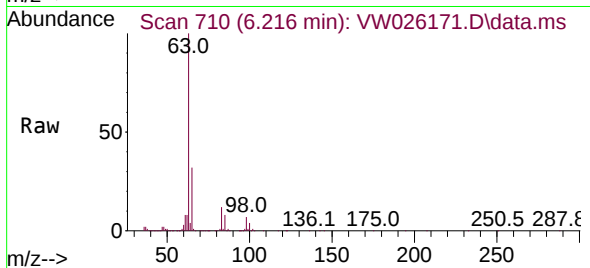
Tgt Ion: 63 Resp: 542947

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 12.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.335 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

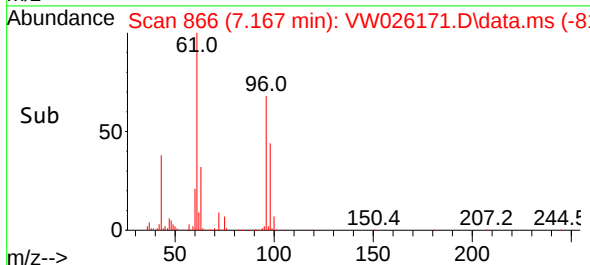
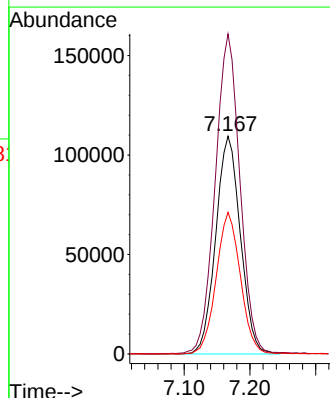
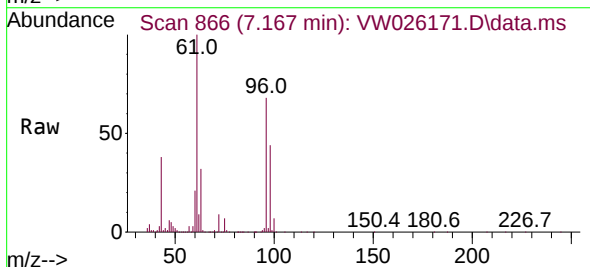
Tgt Ion: 96 Resp: 285134

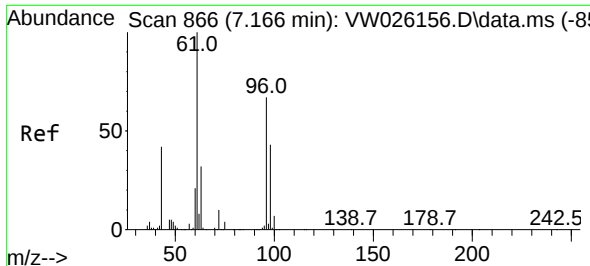
Ion Ratio Lower Upper

96 100

61 147.0 98.4 182.8

98 65.0 45.2 84.0

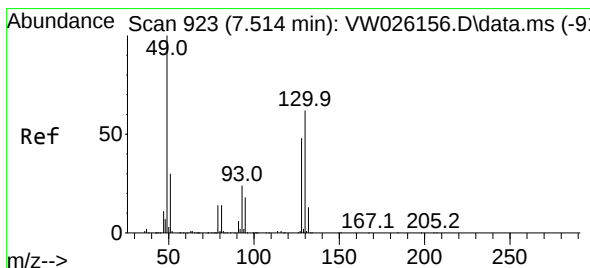
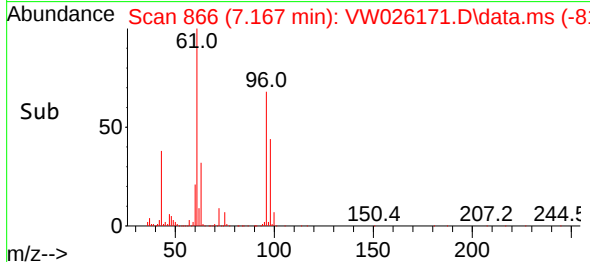
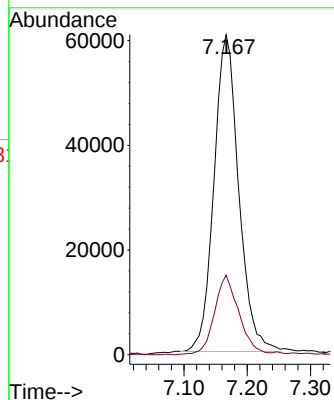
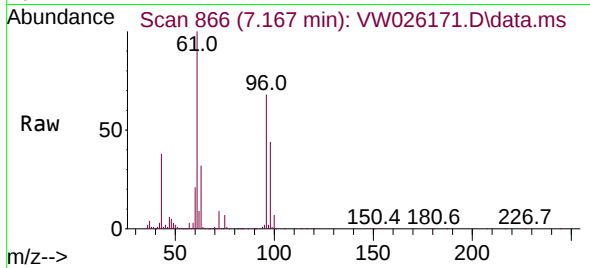




#22
2-Butanone
Concen: 46.904 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

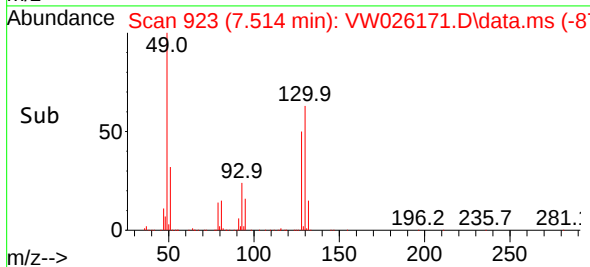
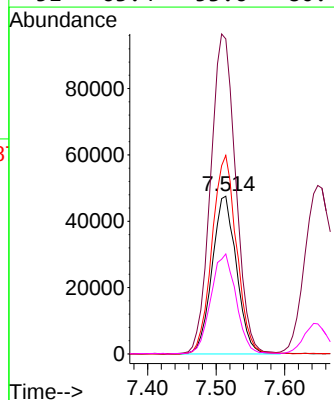
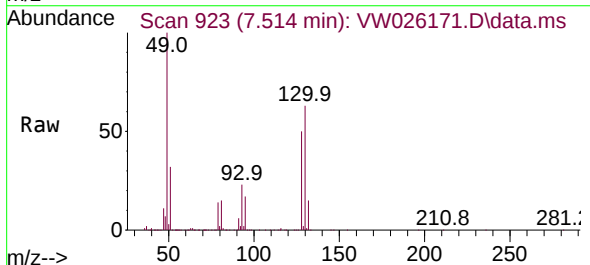
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

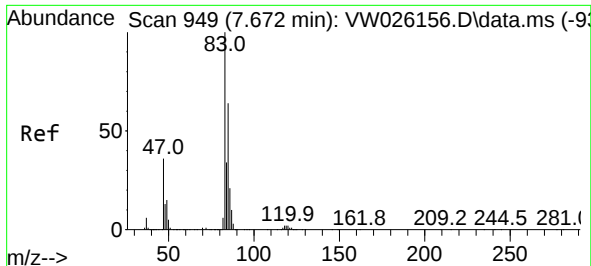
Tgt Ion: 43 Resp: 164190
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.4



#23
Bromochloromethane
Concen: 23.509 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 128 Resp: 117473
Ion Ratio Lower Upper
128 100
49 199.7 140.6 261.0
130 125.9 86.0 159.6
51 63.4 53.6 80.4

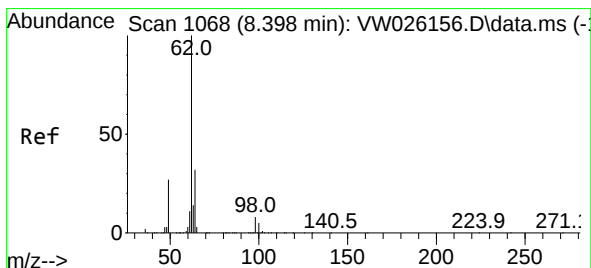
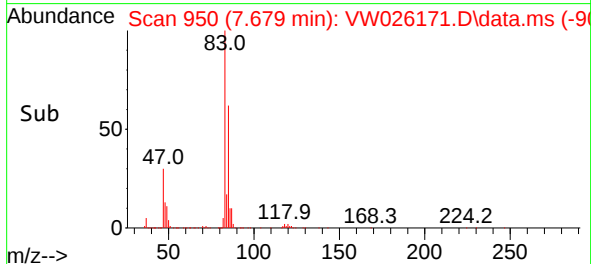
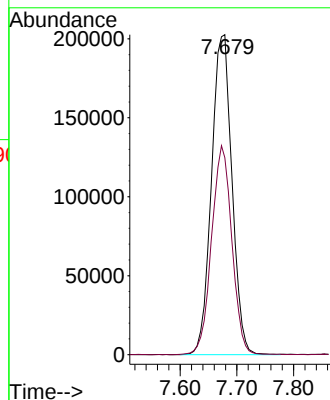
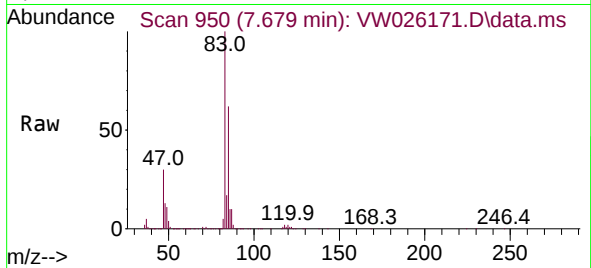




#25
Chloroform
Concen: 24.222 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

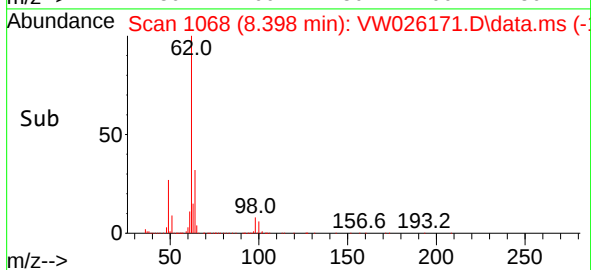
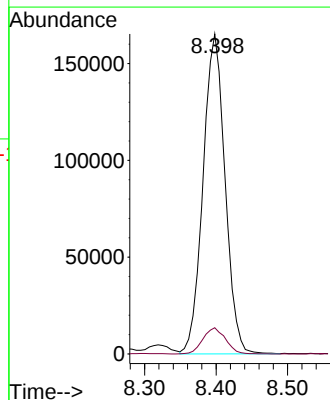
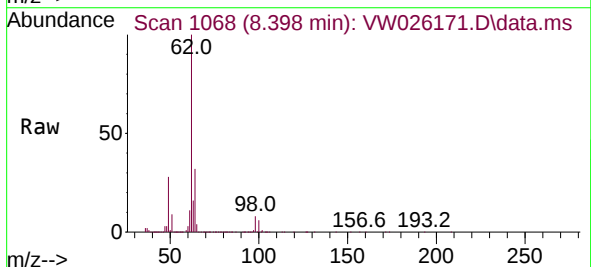
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

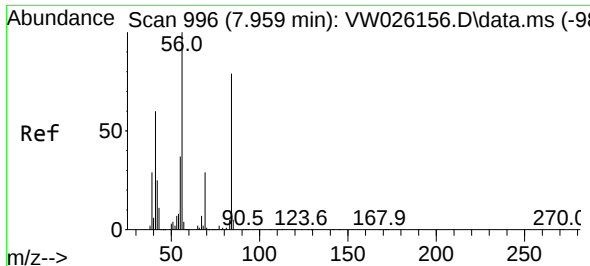
Tgt Ion: 83 Resp: 508039
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.437 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 62 Resp: 353509
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.2

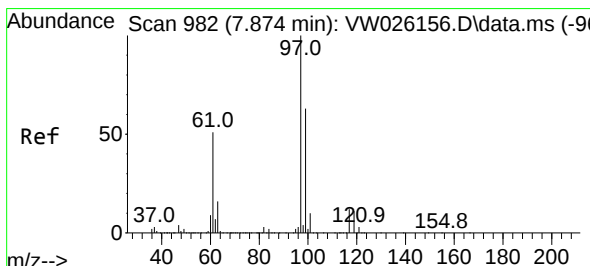
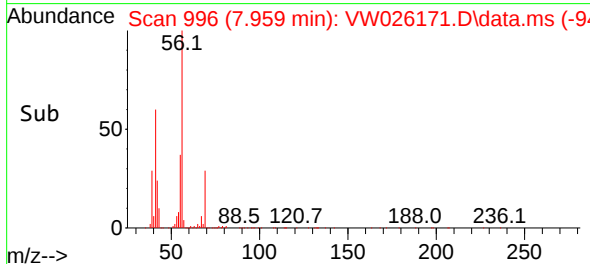
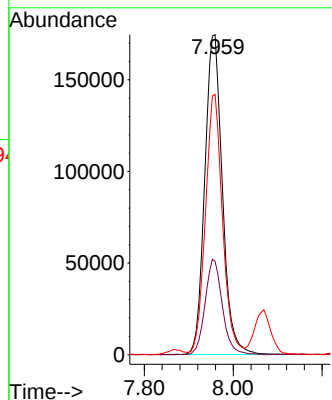
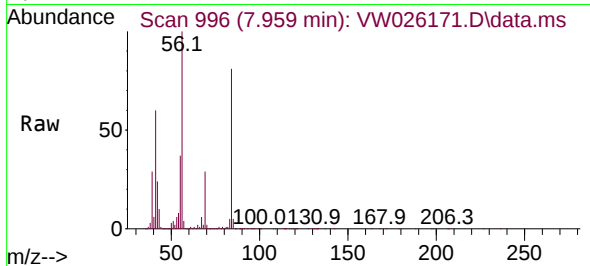




#29
Cyclohexane
Concen: 23.078 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

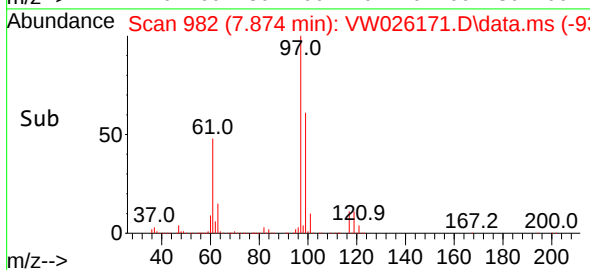
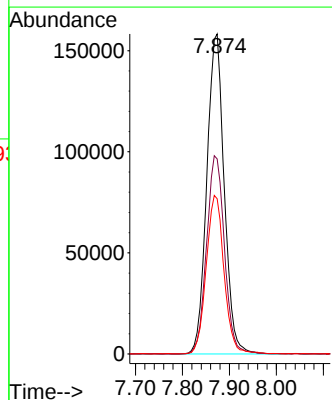
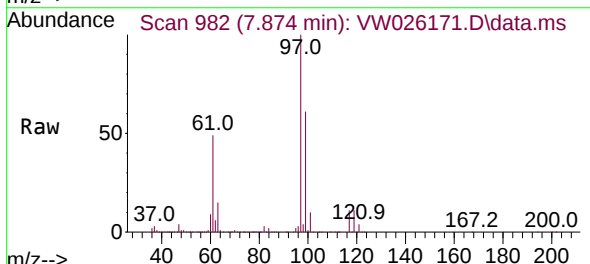
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

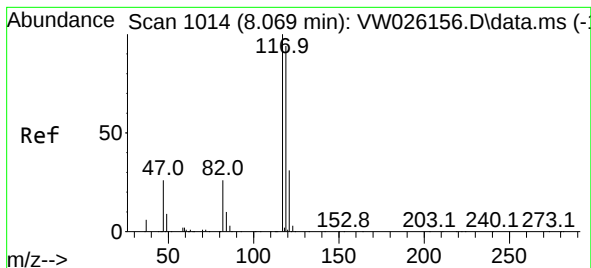
Tgt Ion: 56 Resp: 481949
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 79.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 24.801 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 97 Resp: 407127
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 50.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 24.050 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

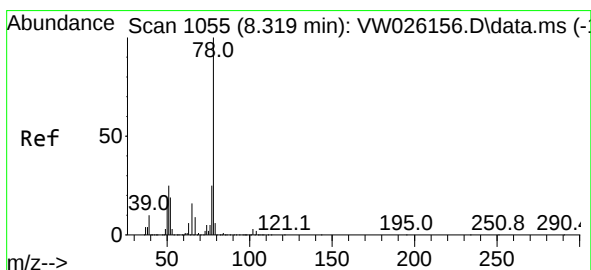
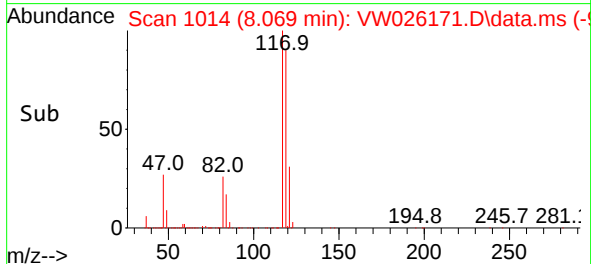
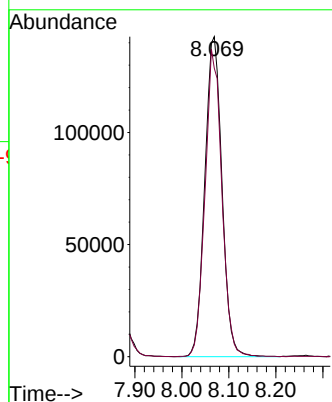
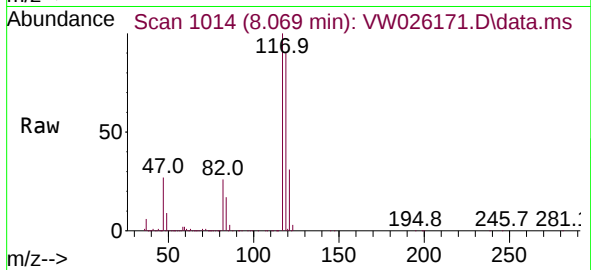
VSTD025514

Tgt Ion:117 Resp: 360257

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.2



#33

Benzene

Concen: 24.209 ug/L

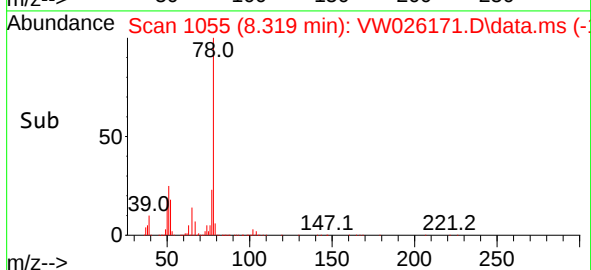
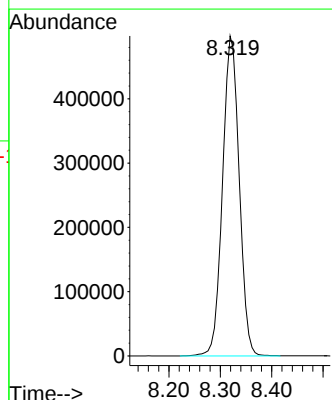
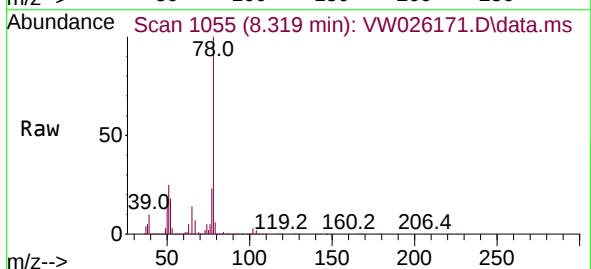
RT: 8.319 min Scan# 1055

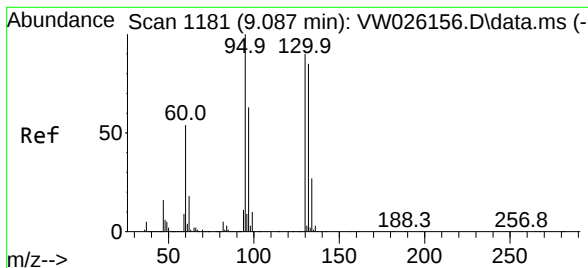
Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Tgt Ion: 78 Resp: 1121816





#34

Trichloroethene

Concen: 24.101 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

Tgt Ion: 95 Resp: 285968

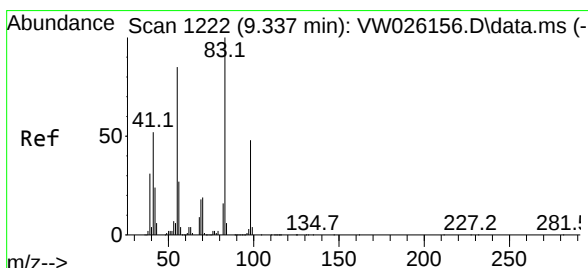
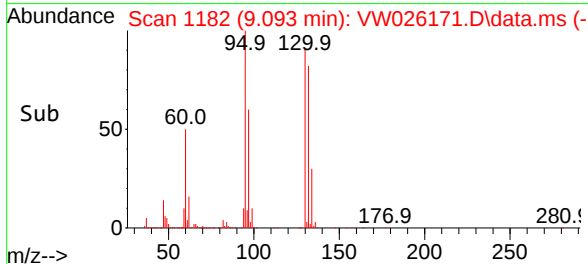
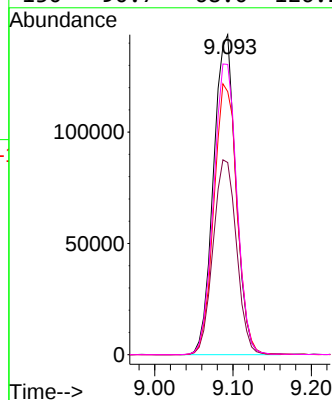
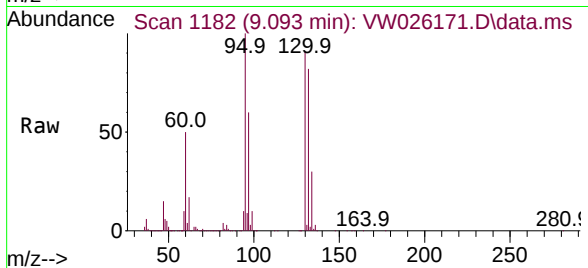
Ion Ratio Lower Upper

95 100

97 60.1 45.9 85.3

132 82.2 67.1 124.7

130 90.7 68.0 126.2



#35

Methylcyclohexane

Concen: 23.158 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

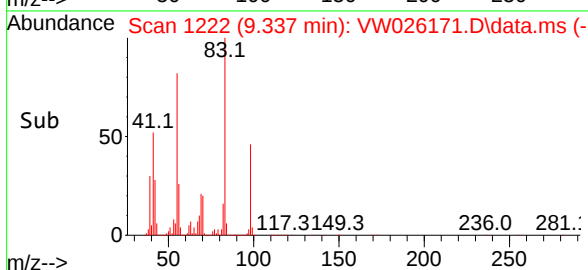
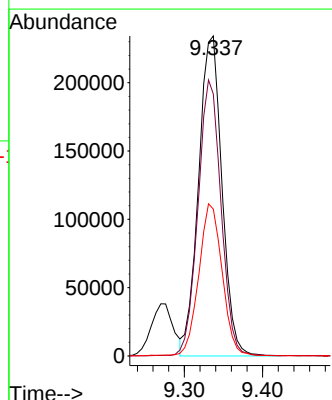
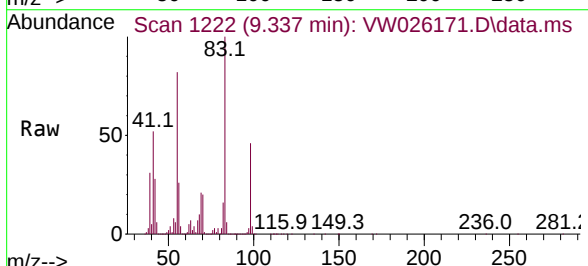
Tgt Ion: 83 Resp: 486230

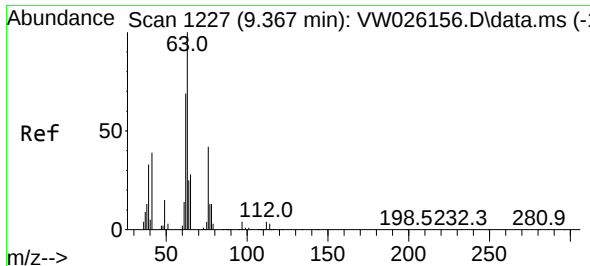
Ion Ratio Lower Upper

83 100

55 84.9 68.2 102.4

98 47.7 38.1 57.1

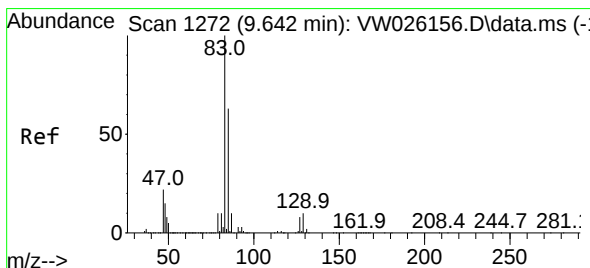
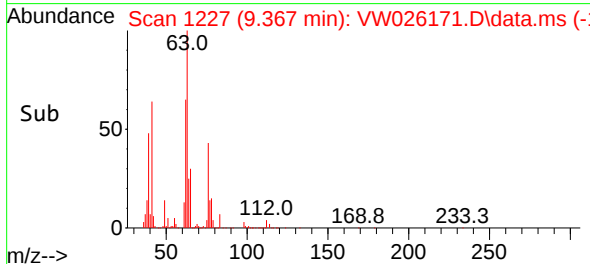
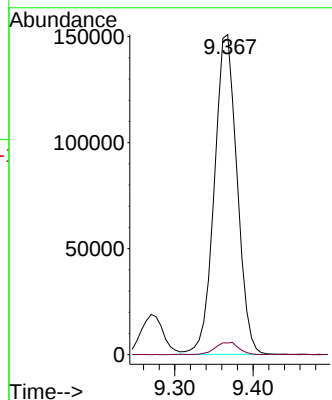
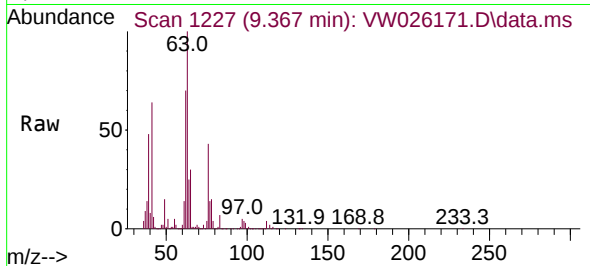




#37
1,2-Dichloropropane
Concen: 24.244 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

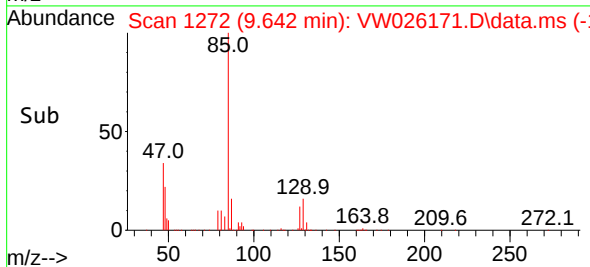
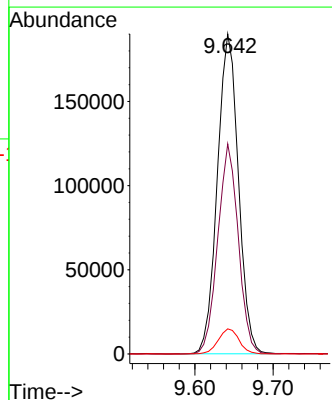
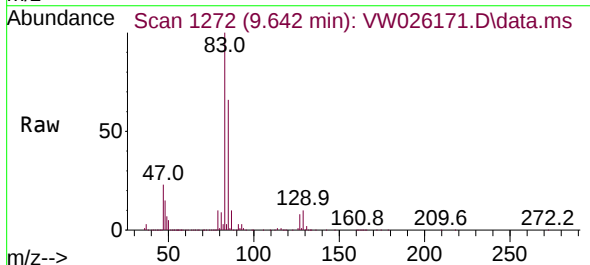
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

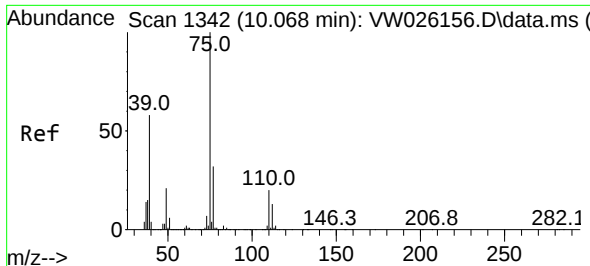
Tgt Ion: 63 Resp: 304292
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 24.385 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 83 Resp: 355576
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.0
127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.002 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

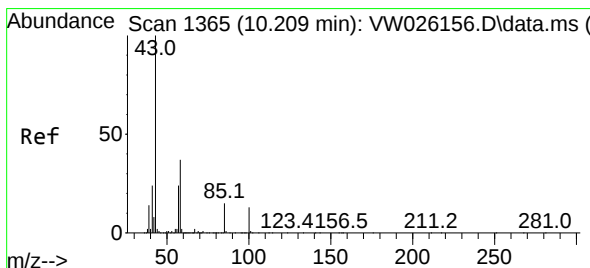
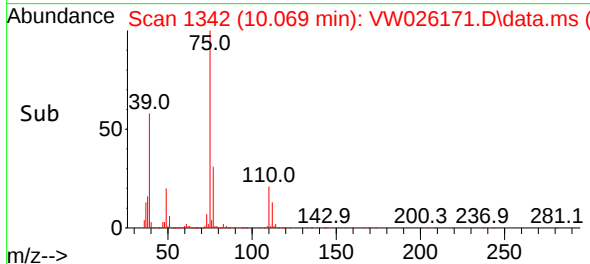
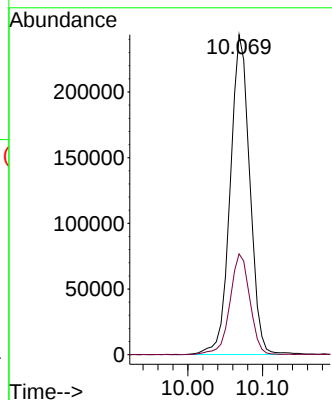
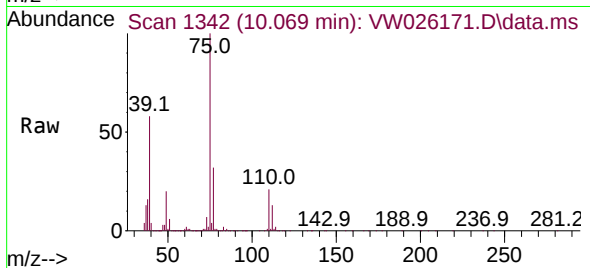
VSTD025514

Tgt Ion: 75 Resp: 442697

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 50.013 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

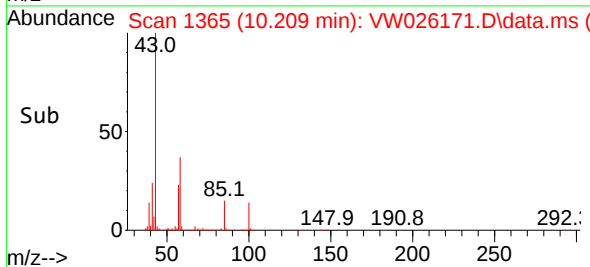
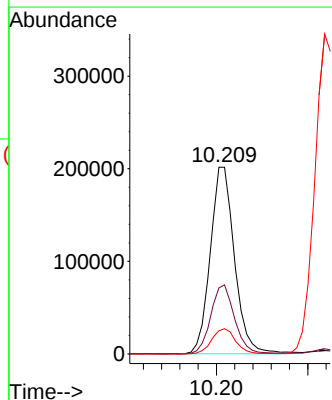
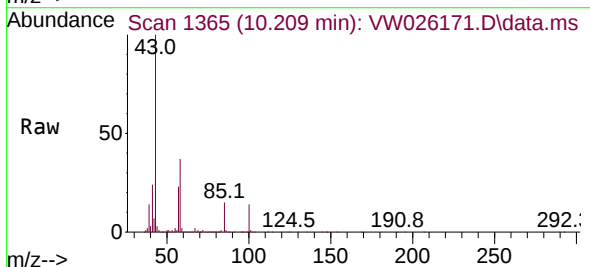
Tgt Ion: 43 Resp: 370080

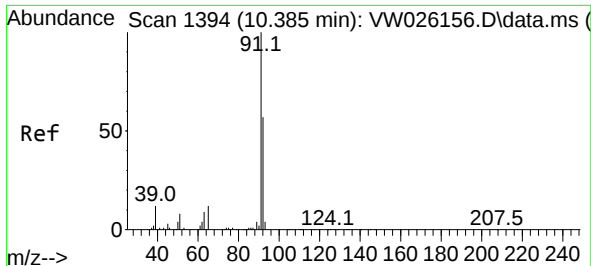
Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4

100 13.5 10.5 15.7

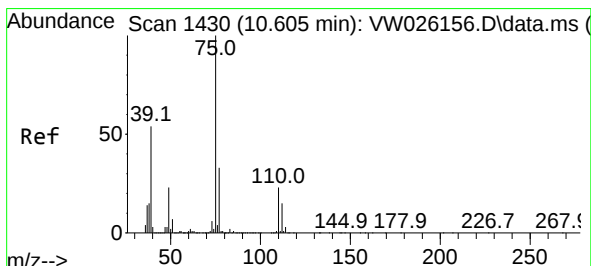
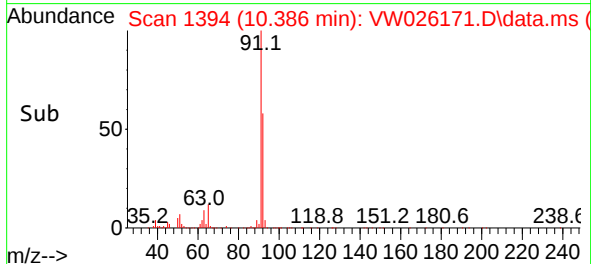
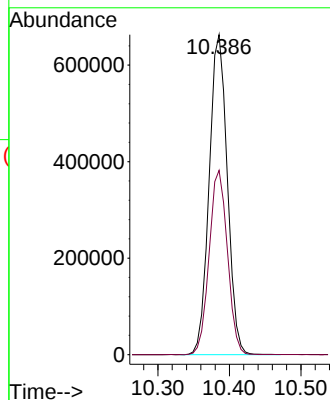
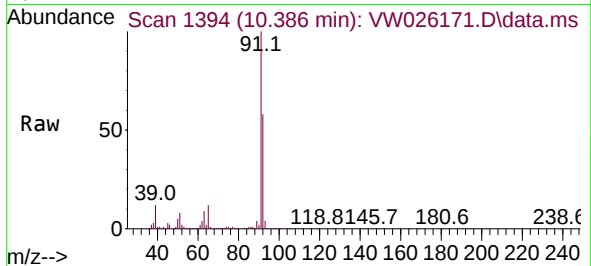




#42
Toluene
Concen: 24.594 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

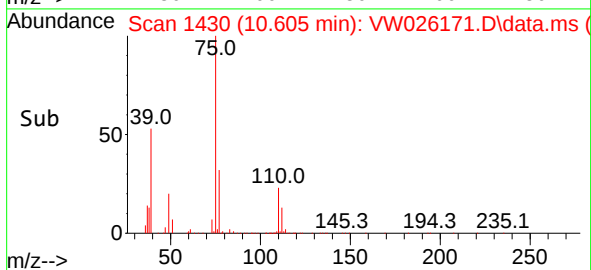
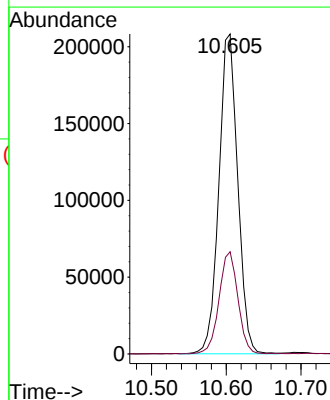
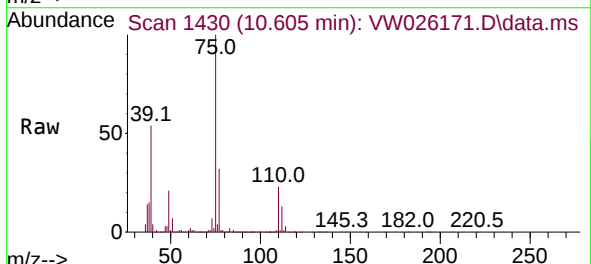
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

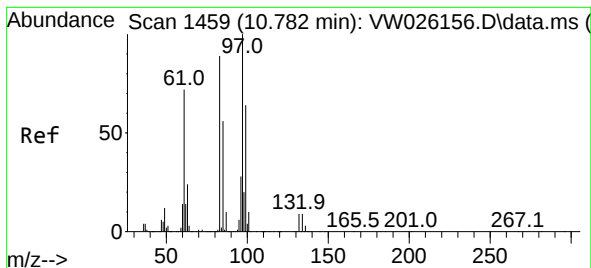
Tgt Ion: 91 Resp: 1165635
Ion Ratio Lower Upper
91 100
92 57.6 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 23.750 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 75 Resp: 364932
Ion Ratio Lower Upper
75 100
77 31.9 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 23.822 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

Tgt Ion: 97 Resp: 197056

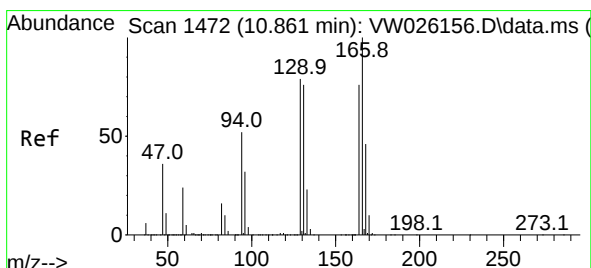
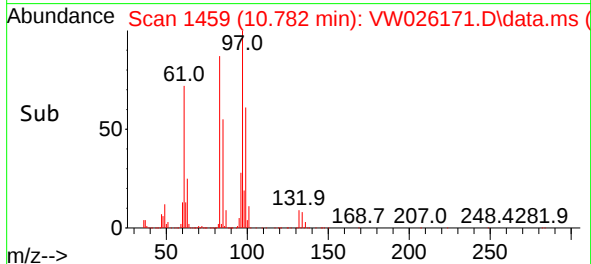
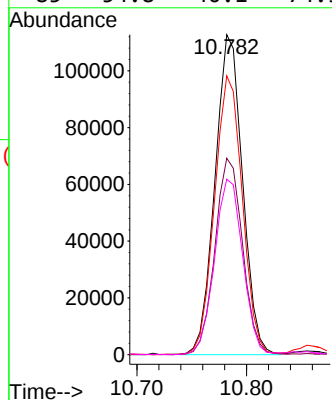
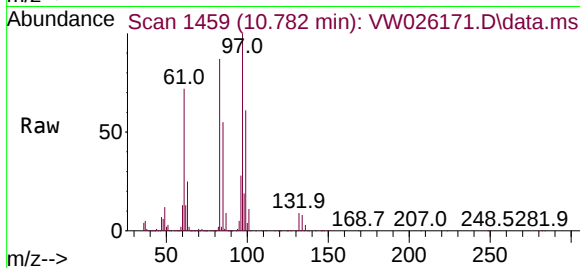
Ion Ratio Lower Upper

97 100

99 61.4 43.3 80.5

83 87.1 62.9 116.9

85 54.8 40.1 74.5



#46

Tetrachloroethene

Concen: 23.252 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Tgt Ion:164 Resp: 195147

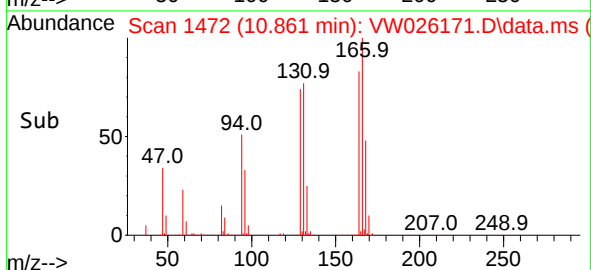
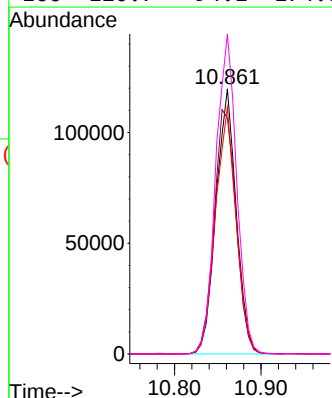
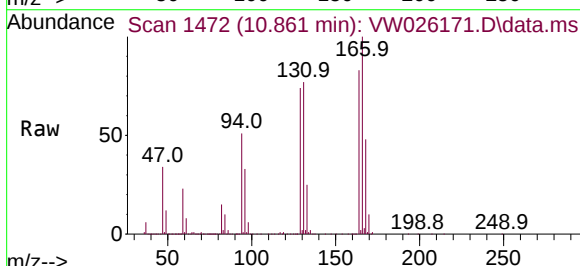
Ion Ratio Lower Upper

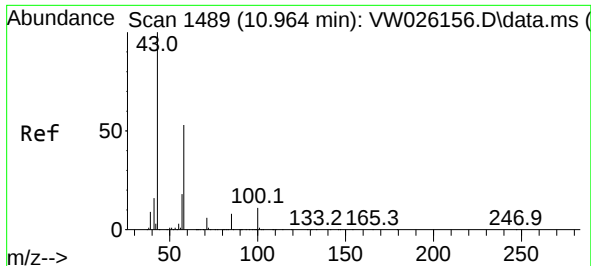
164 100

129 88.9 68.5 127.1

131 93.0 67.1 124.7

166 120.7 94.1 174.8

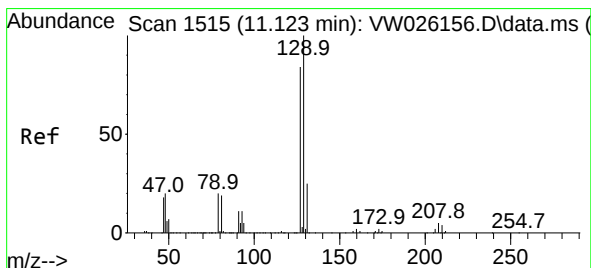
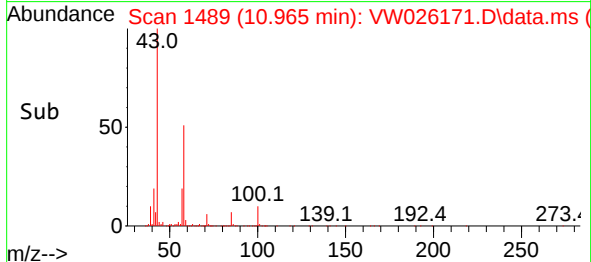
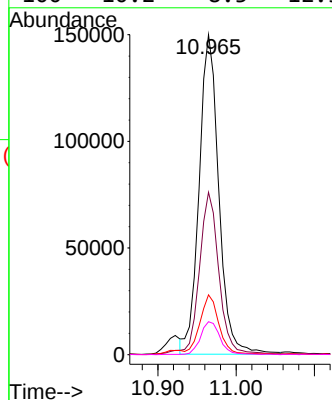
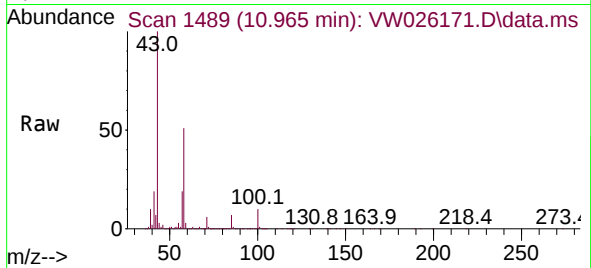




#48
2-Hexanone
Concen: 50.275 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

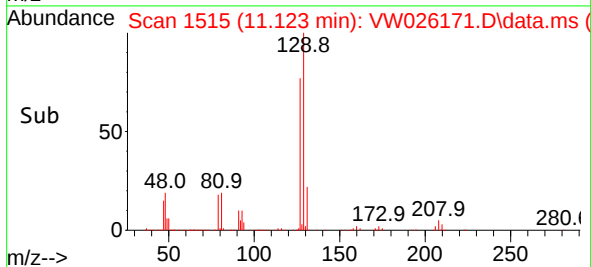
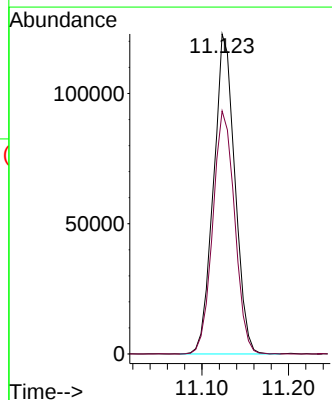
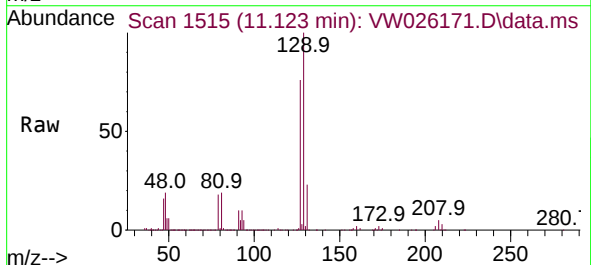
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

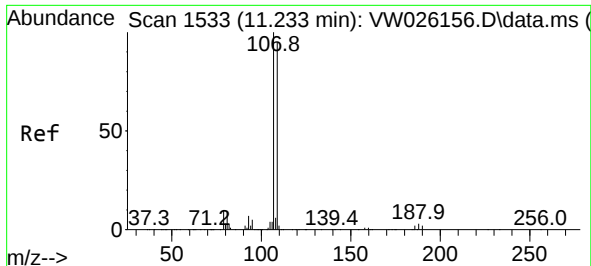
Tgt Ion: 43 Resp: 262306
Ion Ratio Lower Upper
43 100
58 49.1 42.2 63.2
57 17.9 14.2 21.2
100 10.2 8.3 12.5



#49
Dibromochloromethane
Concen: 24.213 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 129 Resp: 209993
Ion Ratio Lower Upper
129 100
127 75.9 56.9 105.7

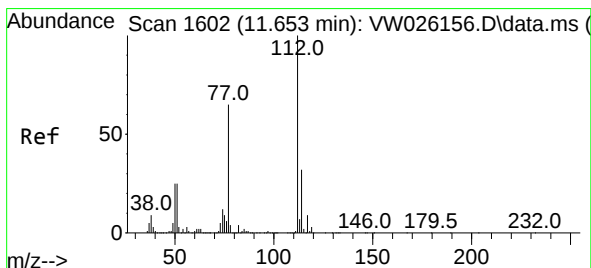
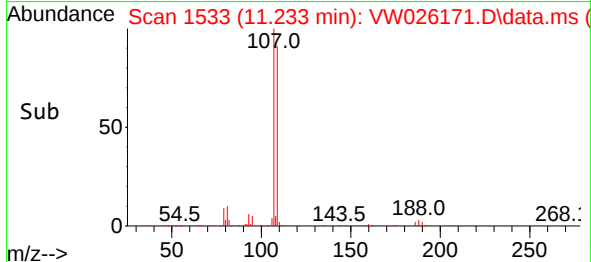
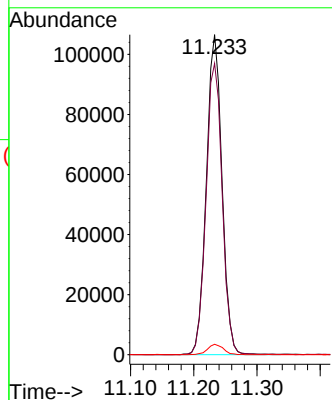
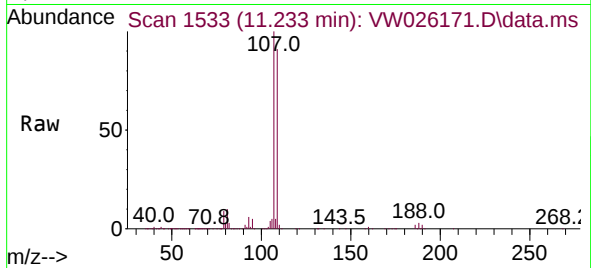




#50
1,2-Dibromoethane
Concen: 23.980 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

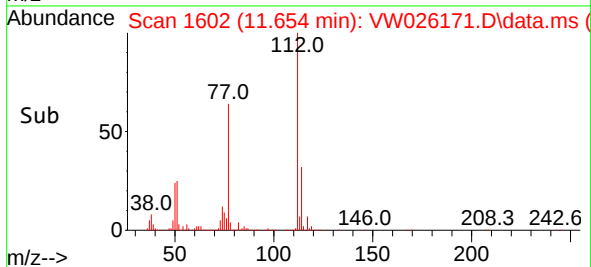
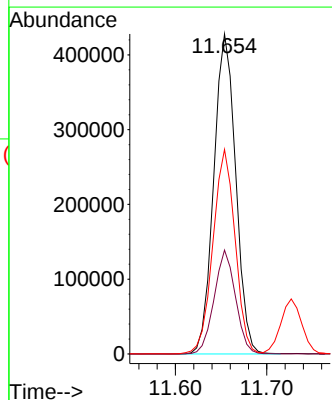
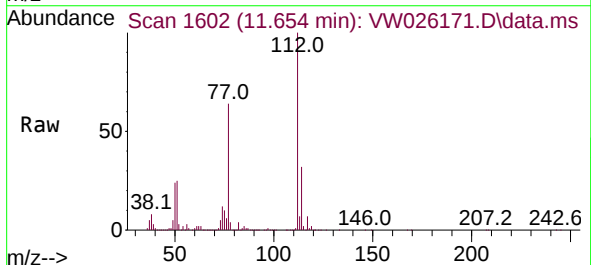
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

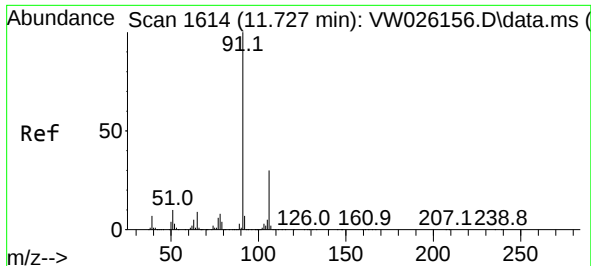
Tgt Ion:107 Resp: 183667
Ion Ratio Lower Upper
107 100
109 91.0 64.0 119.0
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 24.070 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion:112 Resp: 714866
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 63.9 50.9 76.3

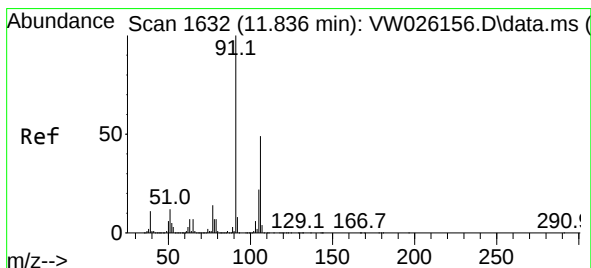
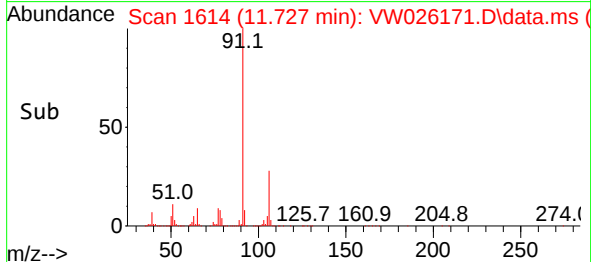
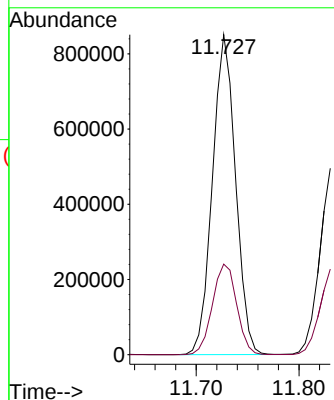
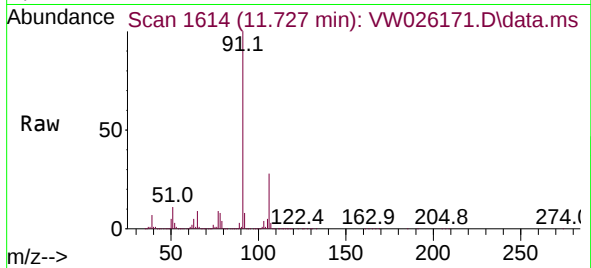




#52
Ethylbenzene
Concen: 24.866 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

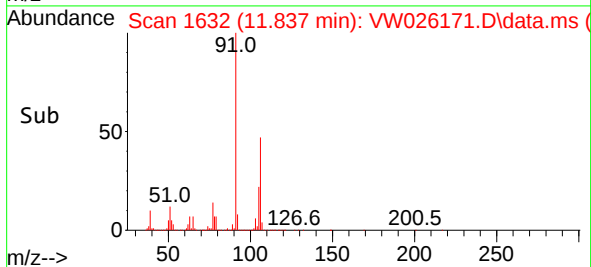
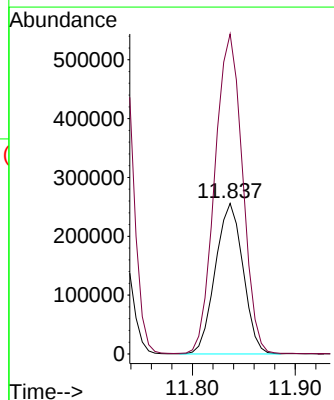
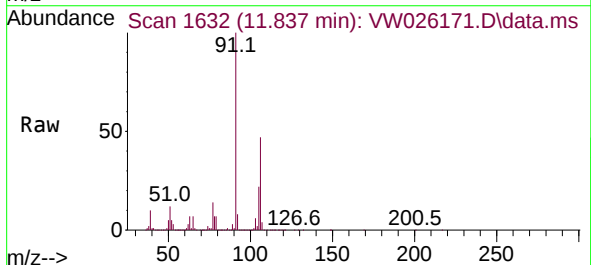
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

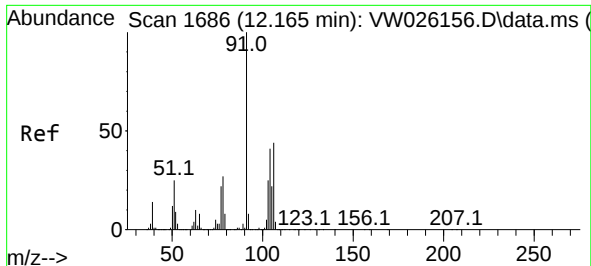
Tgt Ion: 91 Resp: 1329493
Ion Ratio Lower Upper
91 100
106 28.3 21.2 39.4



#53
m,p-Xylene
Concen: 24.128 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 106 Resp: 479893
Ion Ratio Lower Upper
106 100
91 212.5 149.5 277.7

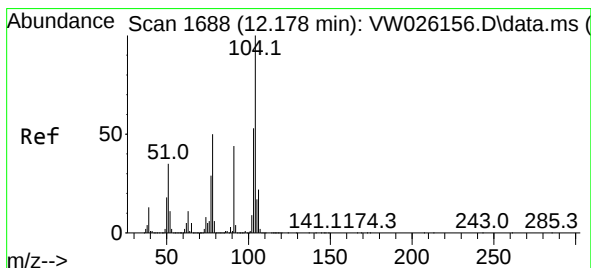
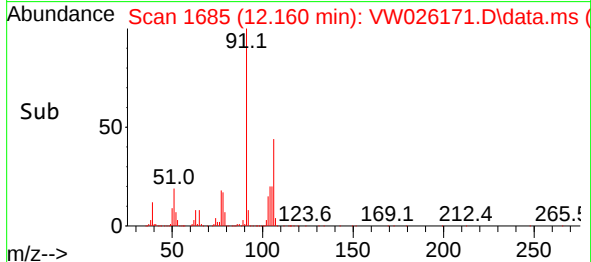
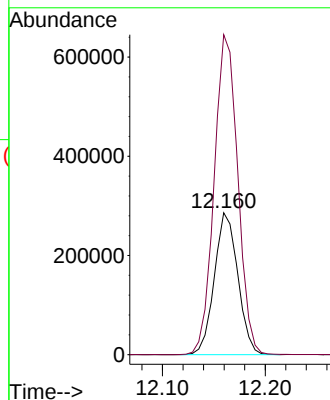
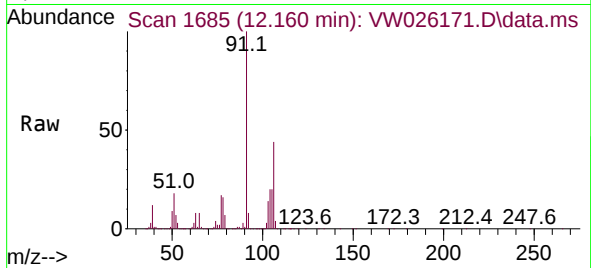




#54
o-Xylene
Concen: 24.142 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

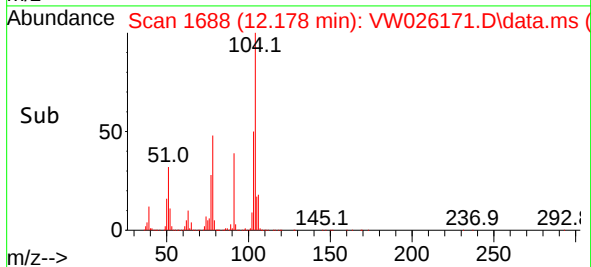
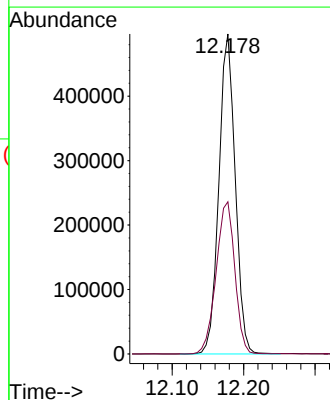
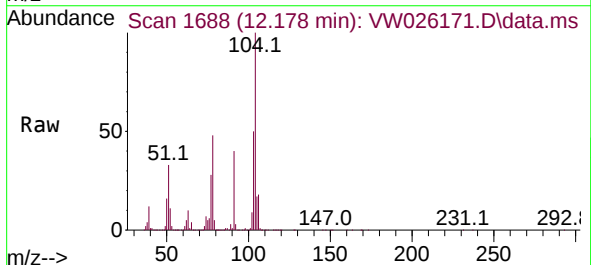
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

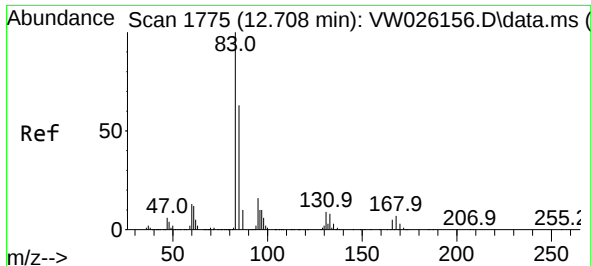
Tgt Ion:106 Resp: 453212
Ion Ratio Lower Upper
106 100
91 225.4 150.9 280.3



#55
Styrene
Concen: 24.468 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion:104 Resp: 788037
Ion Ratio Lower Upper
104 100
78 47.5 32.6 60.6

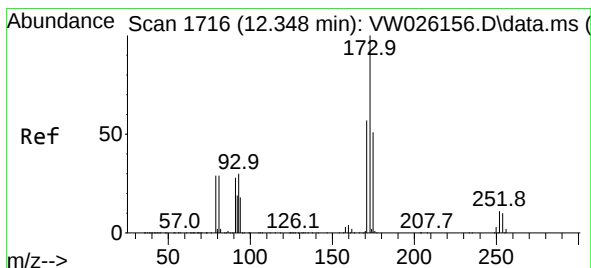
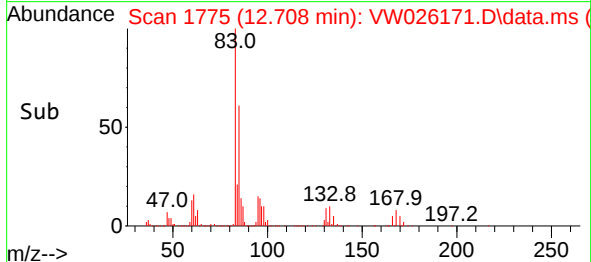
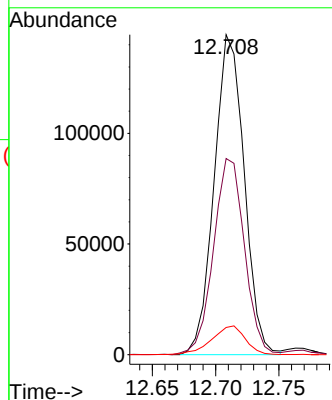
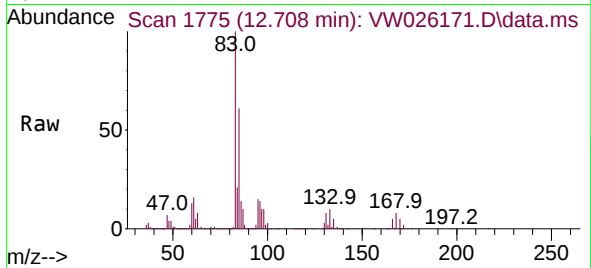




#57
1,1,2,2-Tetrachloroethane
Concen: 23.840 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

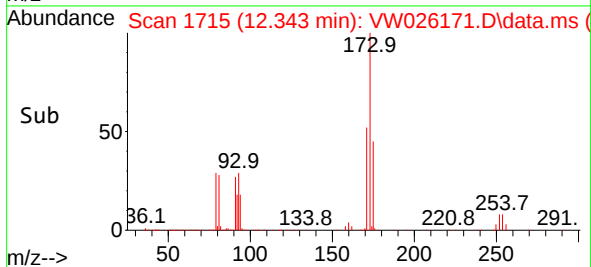
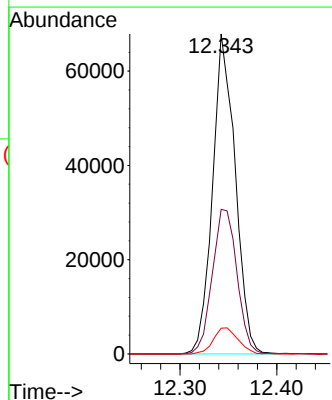
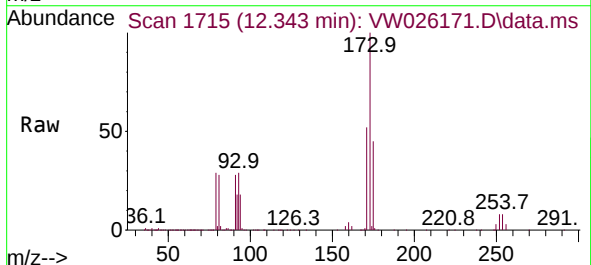
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

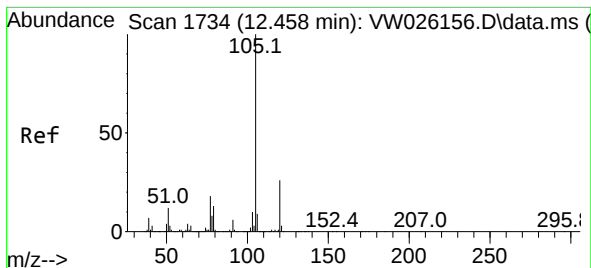
Tgt Ion: 83 Resp: 238660
Ion Ratio Lower Upper
83 100
85 61.3 42.6 79.0
131 8.5 7.2 10.8



#59
Bromoform
Concen: 22.594 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion: 173 Resp: 110479
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 8.9 7.4 11.0





#60

Isopropylbenzene

Concen: 24.745 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

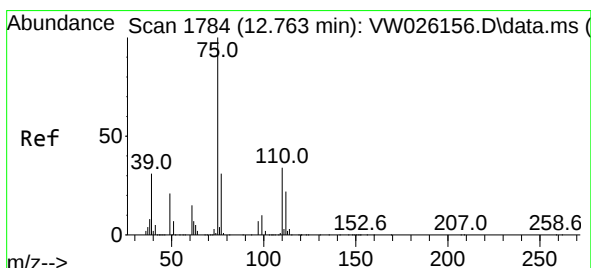
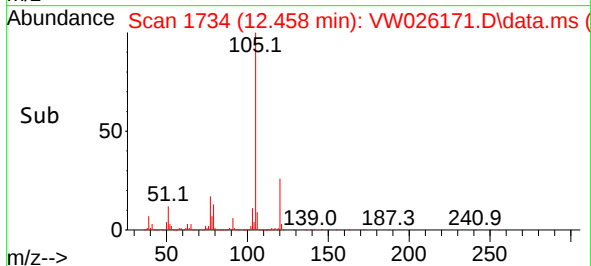
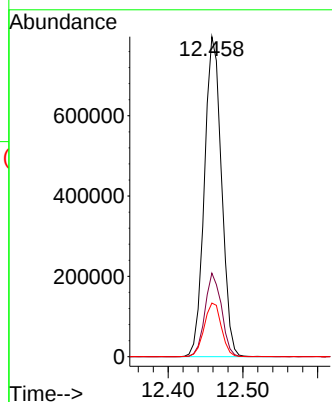
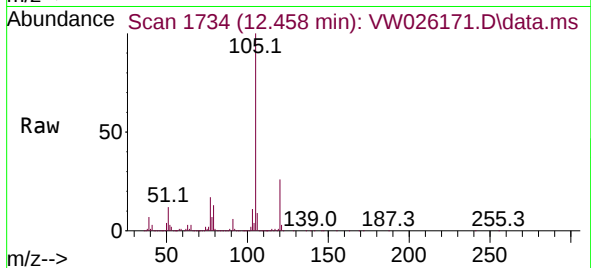
Tgt Ion:105 Resp: 1265526

Ion Ratio Lower Upper

105 100

120 25.3 19.8 29.8

77 16.9 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 23.598 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

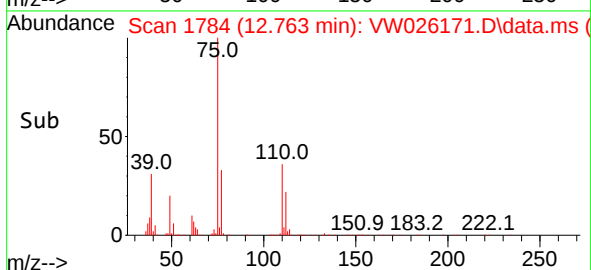
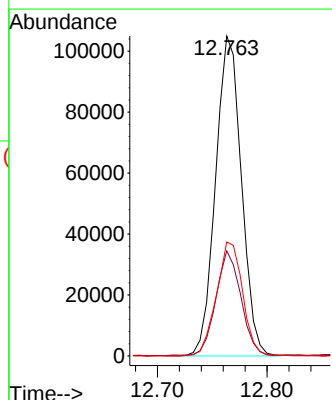
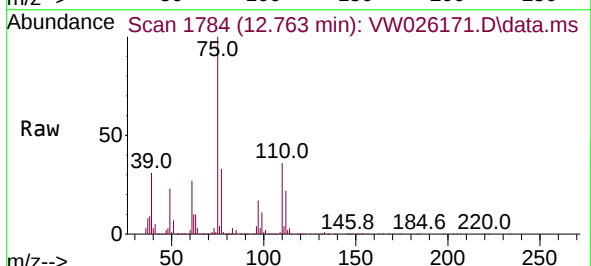
Tgt Ion: 75 Resp: 172092

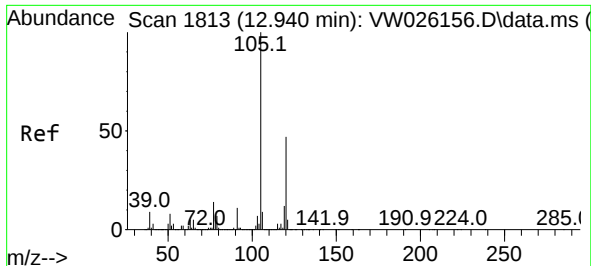
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.9 28.7 43.1

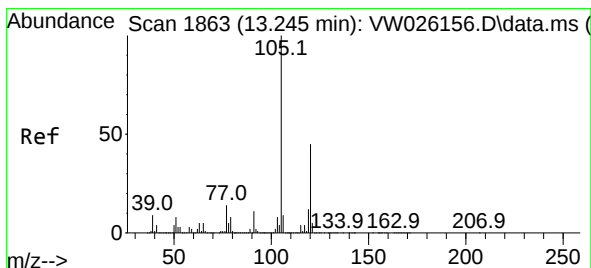
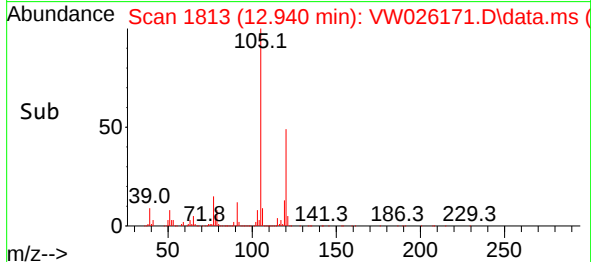
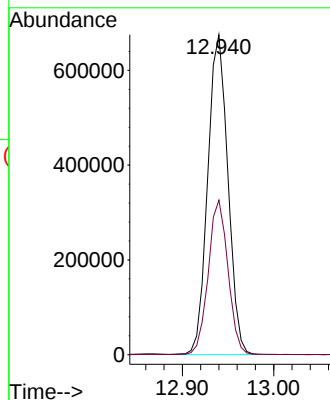
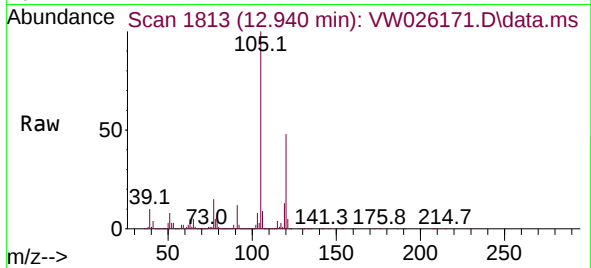




#62
1,3,5-Trimethylbenzene
Concen: 25.403 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

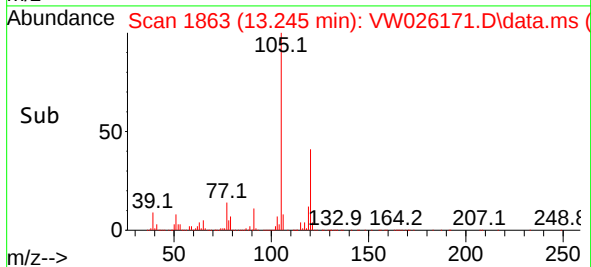
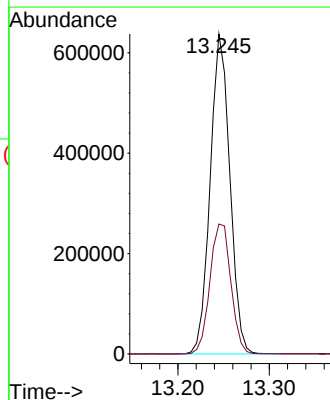
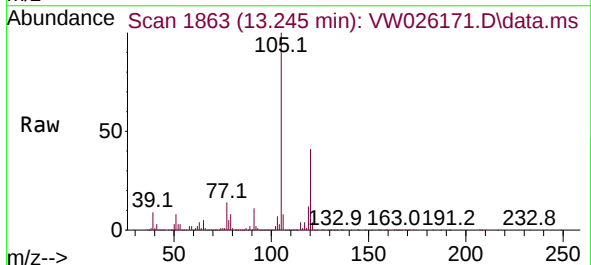
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

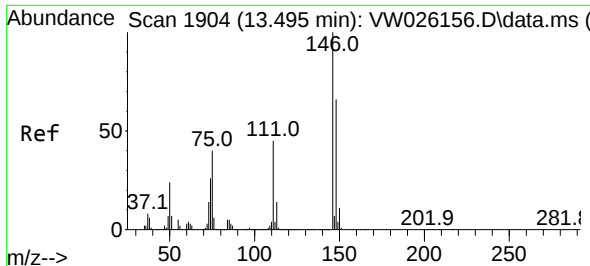
Tgt Ion:105 Resp: 1032815
Ion Ratio Lower Upper
105 100
120 47.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.551 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion:105 Resp: 951448
Ion Ratio Lower Upper
105 100
120 43.3 36.2 54.2

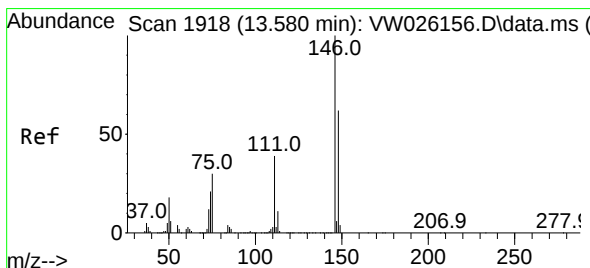
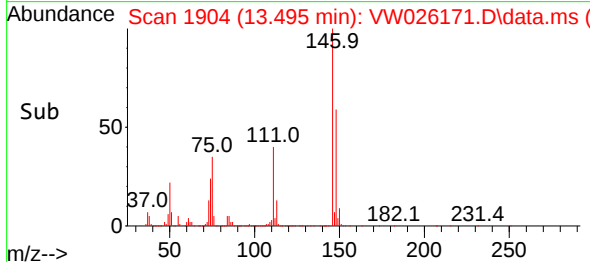
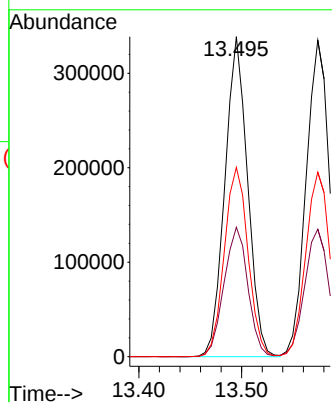
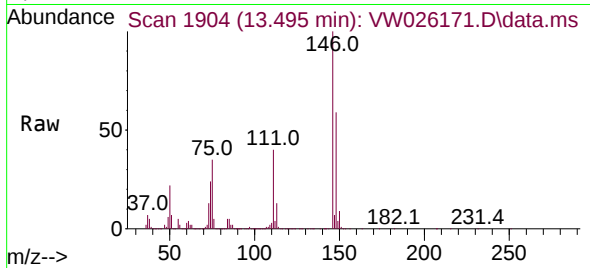




#64
1,3-Dichlorobenzene
Concen: 24.189 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

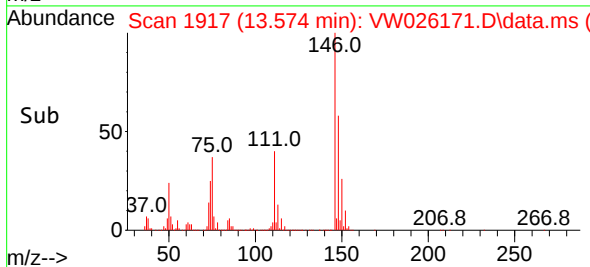
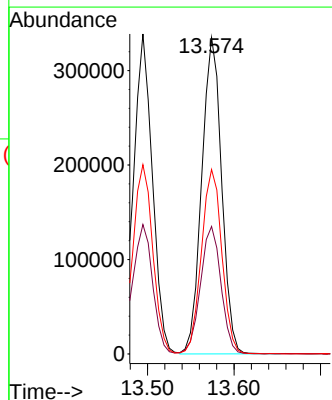
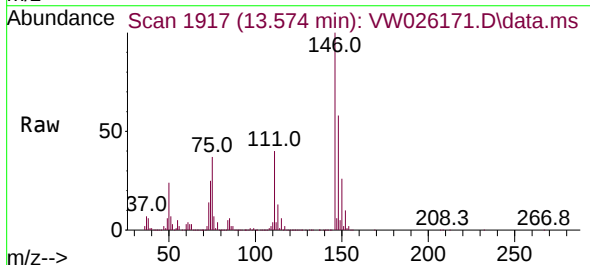
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

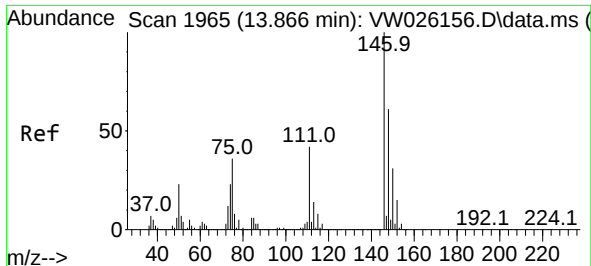
Tgt Ion:146 Resp: 520154
Ion Ratio Lower Upper
146 100
111 40.4 29.7 55.1
148 59.2 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 24.692 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW026171.D
Acq: 09 Jun 2023 15:43

Tgt Ion:146 Resp: 534566
Ion Ratio Lower Upper
146 100
111 40.3 29.2 54.2
148 58.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.256 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

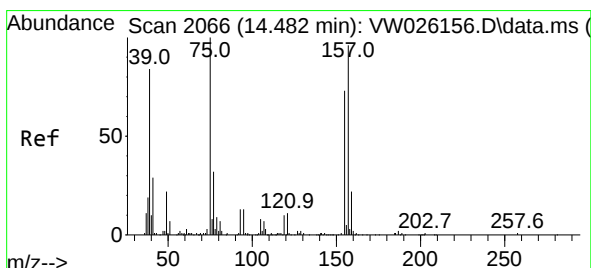
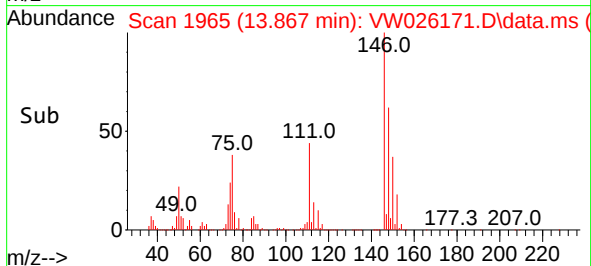
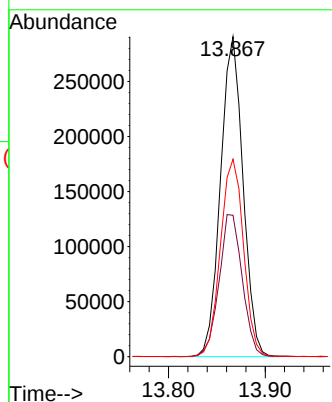
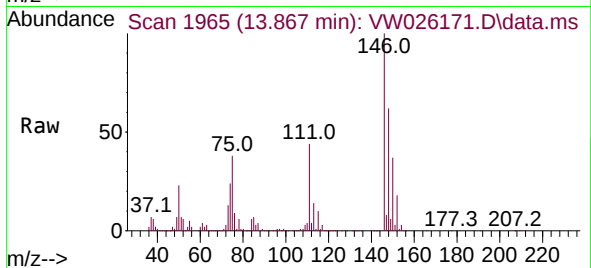
Tgt Ion:146 Resp: 468396

Ion Ratio Lower Upper

146 100

111 44.2 35.4 53.0

148 61.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.973 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

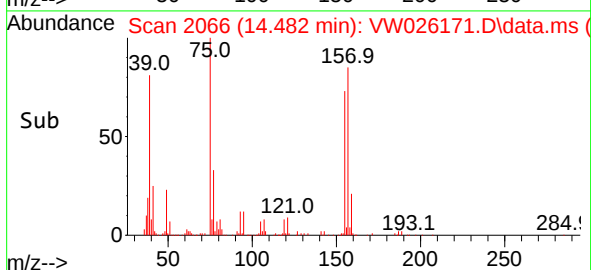
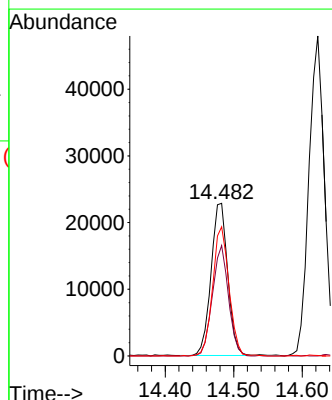
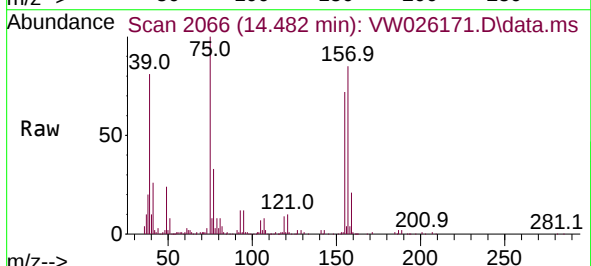
Tgt Ion: 75 Resp: 38815

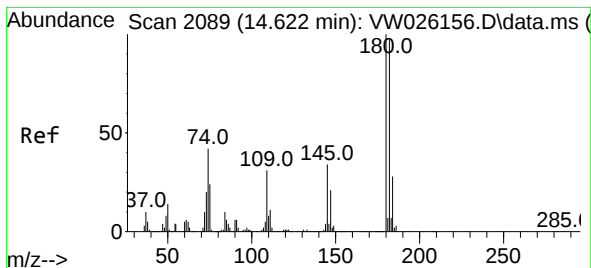
Ion Ratio Lower Upper

75 100

155 72.3 59.0 88.6

157 84.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 21.676 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

Tgt Ion:180 Resp: 320183

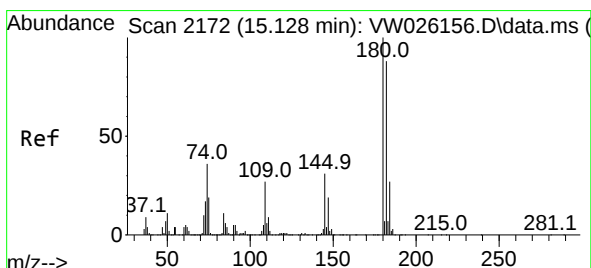
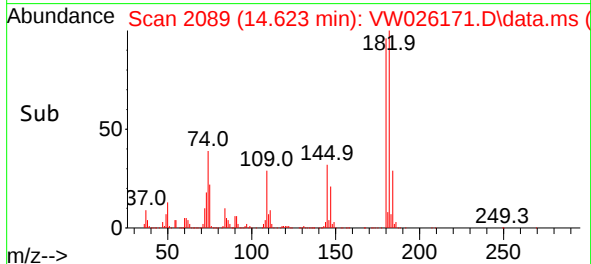
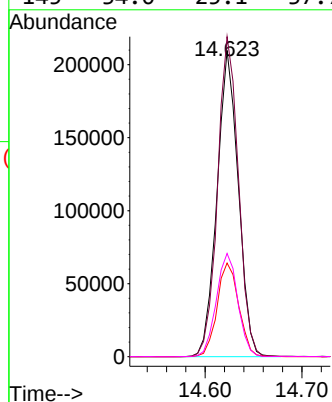
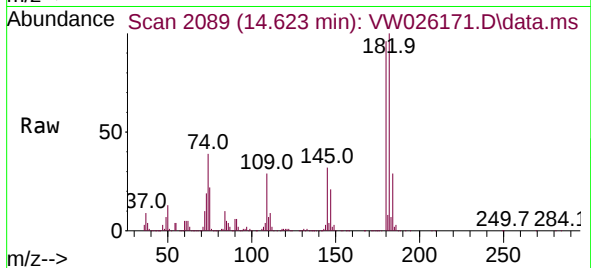
Ion Ratio Lower Upper

180 100

182 102.3 77.0 115.4

184 31.1 23.7 35.5

145 34.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 23.251 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

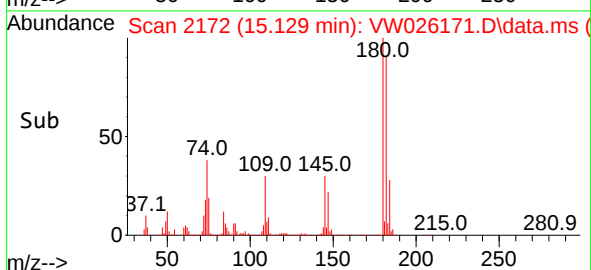
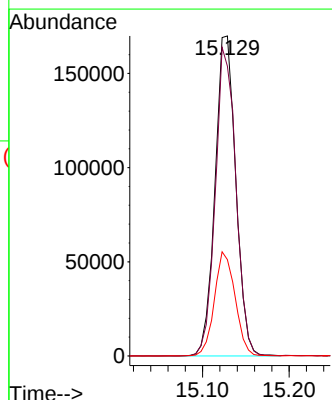
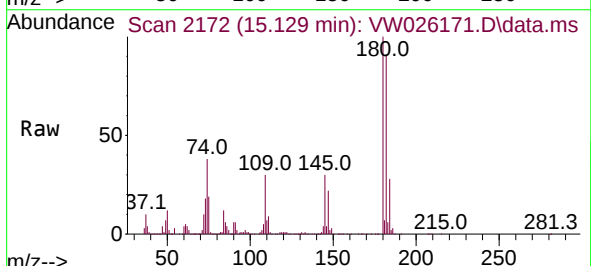
Tgt Ion:180 Resp: 283406

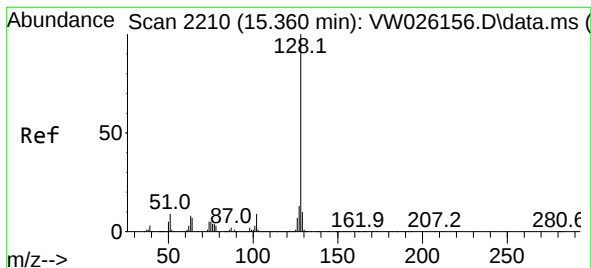
Ion Ratio Lower Upper

180 100

182 95.4 78.9 118.3

145 32.4 27.2 40.8





#71

Naphthalene

Concen: 24.390 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

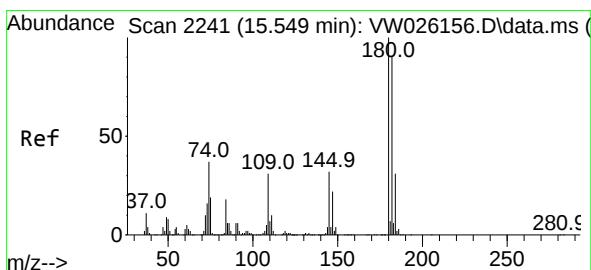
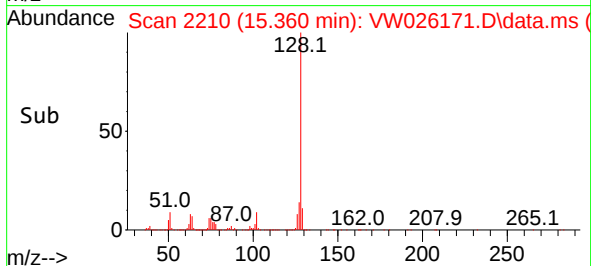
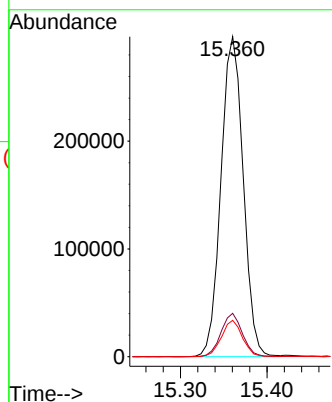
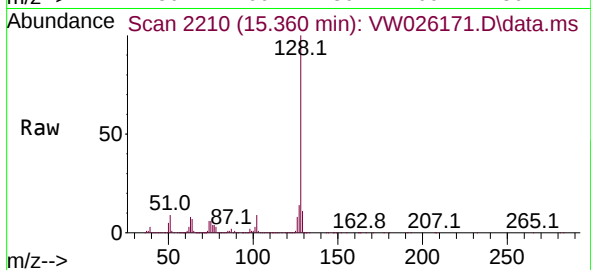
Tgt Ion:128 Resp: 529843

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.005 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026171.D

Acq: 09 Jun 2023 15:43

Tgt Ion:180 Resp: 245059

Ion Ratio Lower Upper

180 100

182 93.2 76.3 114.5

145 34.9 27.0 40.6

