

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040723\
 Data File : VW025561.D
 Acq On : 07 Apr 2023 08:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Apr 07 23:04:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:07:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	791274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	693834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	335214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	246033	19.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.440%		
7) Chloroethane-d5	2.893	69	184757	20.153	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.600%		
11) 1,1-Dichloroethene-d2	4.027	63	544739	20.919	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.680%		
21) 2-Butanone-d5	7.069	46	132161	46.009	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.020%		
24) Chloroform-d	7.648	84	487716	21.952	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.800%		
26) 1,2-Dichloroethane-d4	8.301	65	252403	21.837	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.360%		
32) Benzene-d6	8.270	84	989859	22.033	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.120%		
36) 1,2-Dichloropropane-d6	9.270	67	307438	21.947	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.800%		
41) Toluene-d8	10.319	98	877998	22.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.480%		
43) trans-1,3-Dichloroprop...	10.575	79	114379	21.778	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.120%		
47) 2-Hexanone-d5	10.922	63	89779	46.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.780%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216614	22.910	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.640%		
66) 1,2-Dichlorobenzene-d4	13.848	152	267266	23.208	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	233355	21.089	ug/L	97
3) Chloromethane	2.222	50	305867	23.826	ug/L	98
5) Vinyl chloride	2.369	62	328741	23.165	ug/L	100
6) Bromomethane	2.789	94	172799	22.635	ug/L	97
8) Chloroethane	2.930	64	185651	23.358	ug/L	100
9) Trichlorofluoromethane	3.265	101	243557	22.277	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	280362	25.554	ug/L	99
12) 1,1-Dichloroethene	4.039	96	262327	23.887	ug/L	97
13) Acetone	4.112	43	133392	54.868	ug/L	100
14) Carbon disulfide	4.393	76	879762	22.706	ug/L	100
15) Methyl Acetate	4.667	43	129818	23.768	ug/L	98
16) Methylene chloride	4.911	84	282573	22.467	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	281068	24.073	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	382787	23.757	ug/L	99
19) 1,1-Dichloroethane	6.216	63	578039	24.780	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	297741	24.510	ug/L #	99
22) 2-Butanone	7.167	43	180540	52.238	ug/L	99
23) Bromochloromethane	7.514	128	121292	24.347	ug/L	98
25) Chloroform	7.673	83	527576	24.732	ug/L	97

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 Response via : Initial Calibration

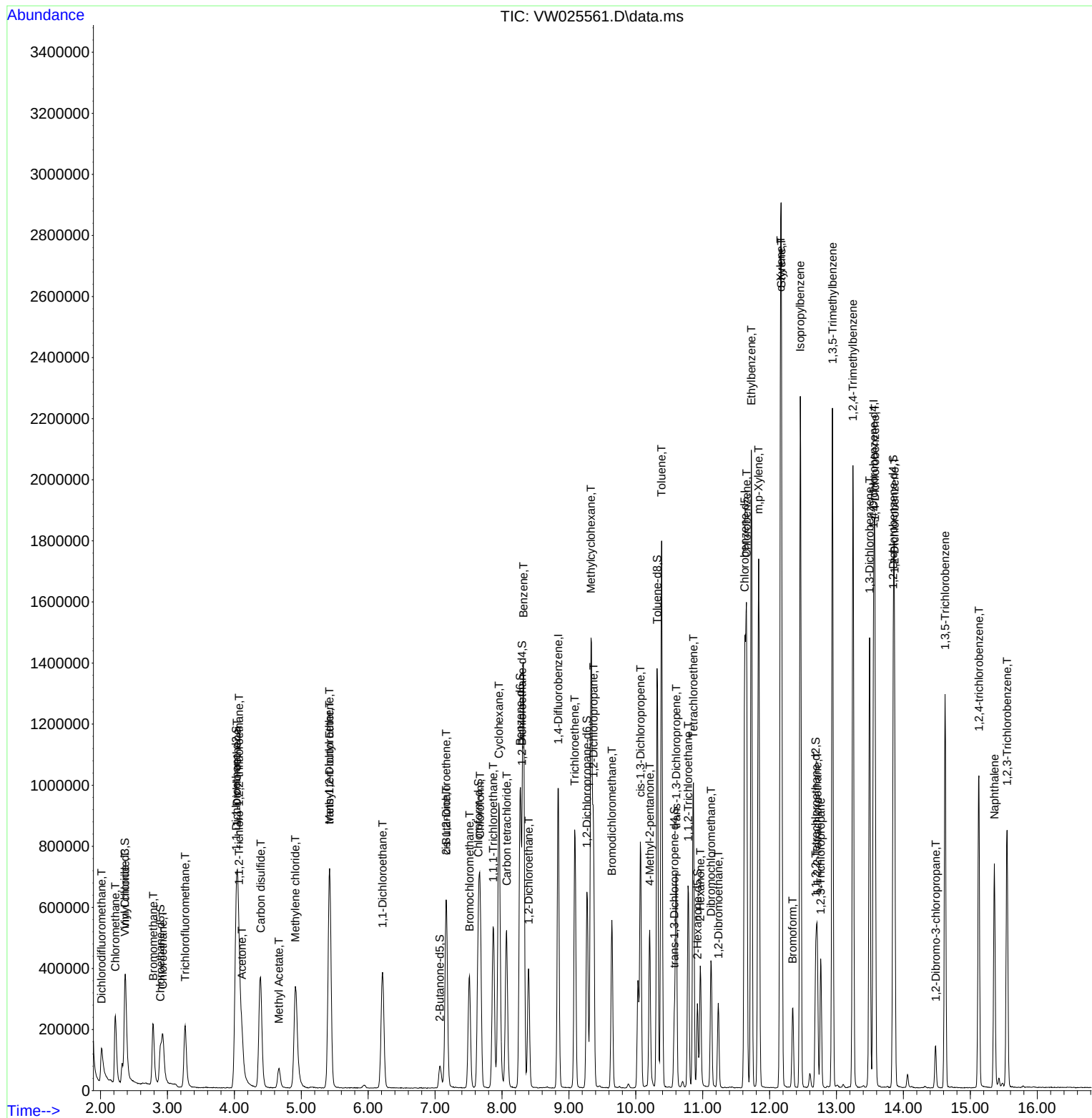
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	349586	24.421	ug/L	98
29) Cyclohexane	7.953	56	553108	24.630	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	423768	24.581	ug/L	98
31) Carbon tetrachloride	8.069	117	384212	24.678	ug/L	98
33) Benzene	8.319	78	1200858	24.866	ug/L	100
34) Trichloroethene	9.087	95	302051	24.045	ug/L	97
35) Methylcyclohexane	9.331	83	562220	24.786	ug/L	99
37) 1,2-Dichloropropane	9.367	63	320000	25.090	ug/L	100
38) Bromodichloromethane	9.642	83	359768	24.653	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	464905	25.411	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	364763	50.526	ug/L	100
42) Toluene	10.386	91	1235673	25.127	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	382441	25.350	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	200294	24.629	ug/L	97
46) Tetrachloroethene	10.861	164	207902	23.532	ug/L	93
48) 2-Hexanone	10.965	43	258451	51.814	ug/L	97
49) Dibromochloromethane	11.123	129	210625	24.599	ug/L	97
50) 1,2-Dibromoethane	11.233	107	184505	24.692	ug/L	98
51) Chlorobenzene	11.654	112	748743	24.709	ug/L	98
52) Ethylbenzene	11.727	91	1410697	25.350	ug/L	100
53) m,p-Xylene	11.837	106	517409	25.353	ug/L	97
54) o-Xylene	12.166	106	493627	25.856	ug/L	89
55) Styrene	12.178	104	834579	25.971	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	239134	24.549	ug/L	98
59) Bromoform	12.343	173	117735	25.631	ug/L	95
60) Isopropylbenzene	12.458	105	1397732	26.618	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	171908	24.744	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1122519	27.080	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1053000	26.382	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	561987	25.826	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	547039	24.616	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	491387	25.758	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	37592	24.666	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	362180	24.860	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	306368	25.887	ug/L	96
71) Naphthalene	15.360	128	575682	26.069	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	254356	24.582	ug/L	89

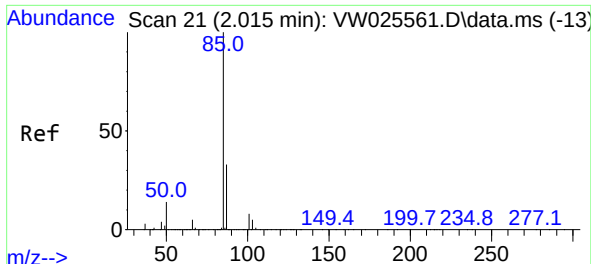
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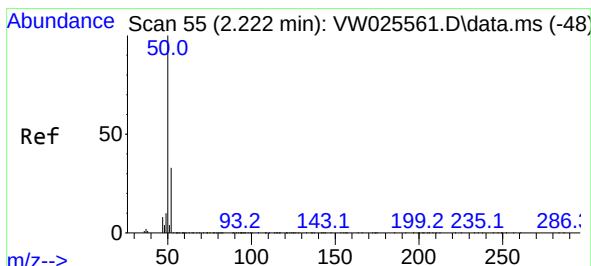
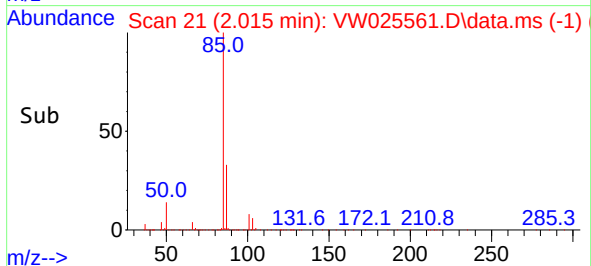
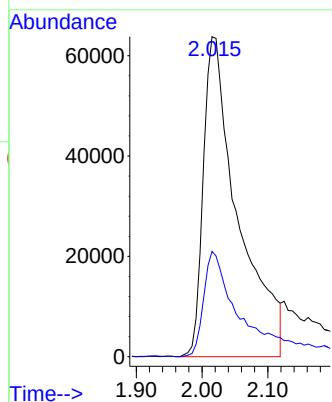
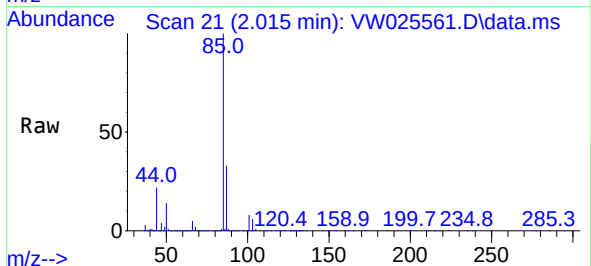




#2
Dichlorodifluoromethane
Concen: 21.089 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

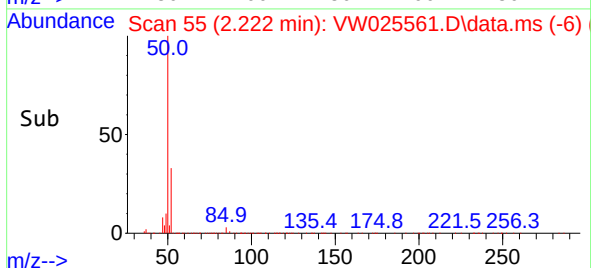
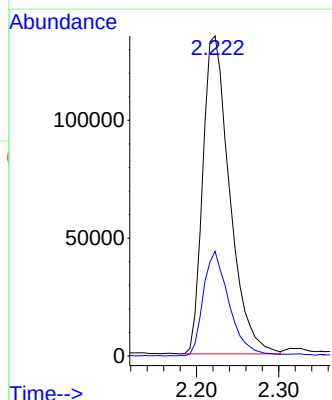
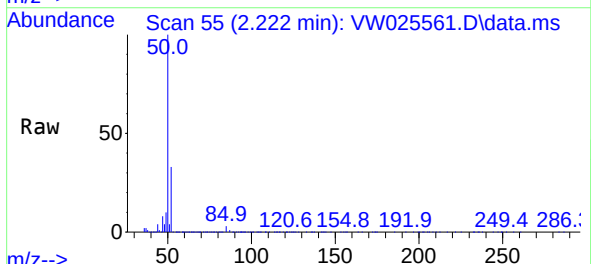
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MSVOA_W
ClientSampleId :
VSTD025565

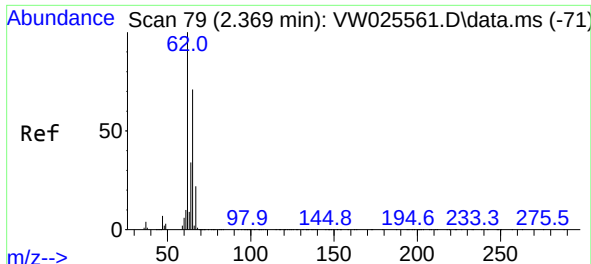
Tgt Ion: 85 Resp: 233355
Ion Ratio Lower Upper
85 100
87 29.2 24.6 37.0



#3
Chloromethane
Concen: 23.826 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.001 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 50 Resp: 305867
Ion Ratio Lower Upper
50 100
52 32.7 22.2 41.2

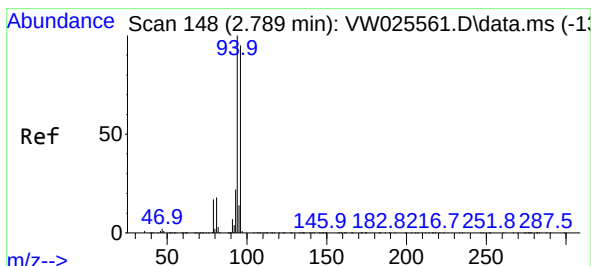
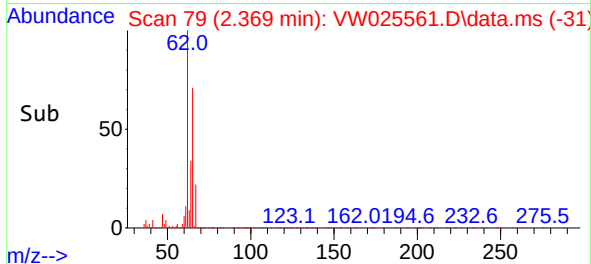
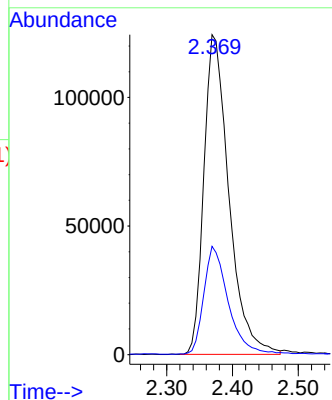
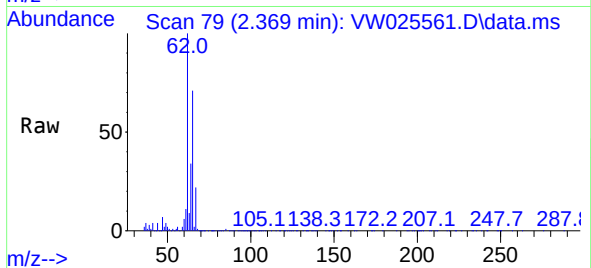




#5
 Vinyl chloride
 Concen: 23.165 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025561.D
 Acq: 07 Apr 2023 08:50

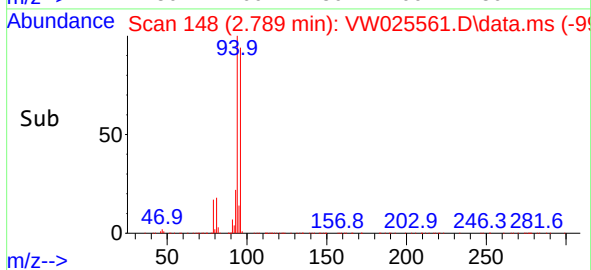
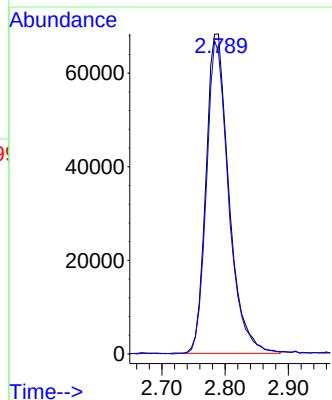
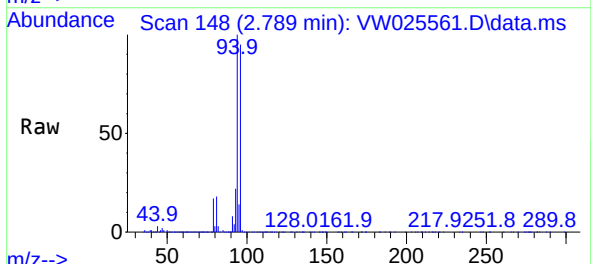
Instrument :
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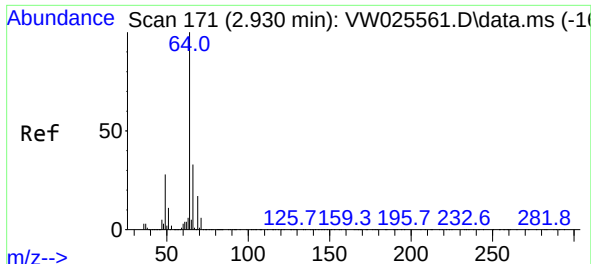
Tgt Ion: 62 Resp: 328741
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.9 44.3



#6
 Bromomethane
 Concen: 22.635 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025561.D
 Acq: 07 Apr 2023 08:50

Tgt Ion: 94 Resp: 172799
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.0 118.8

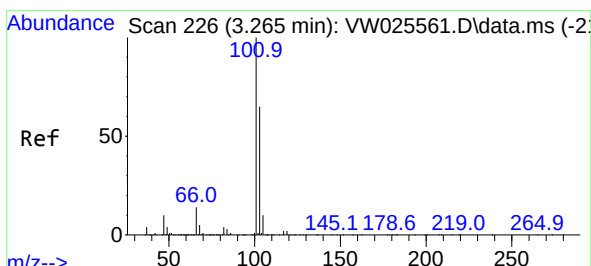
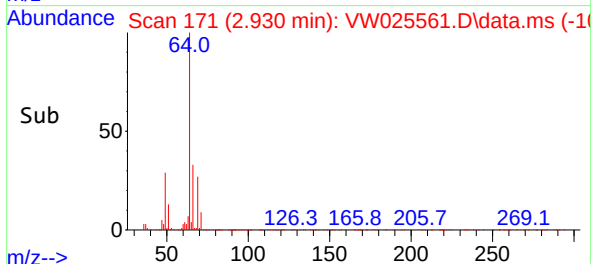
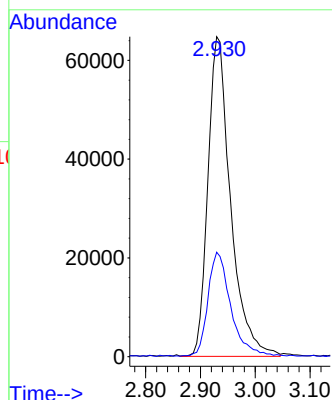
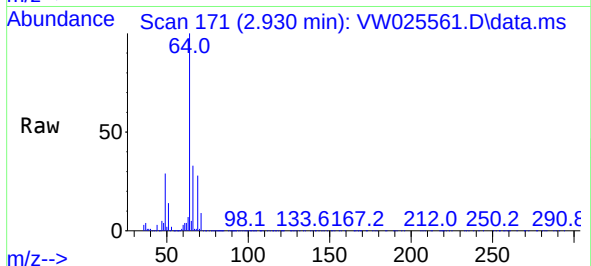




#8
Chloroethane
Concen: 23.358 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

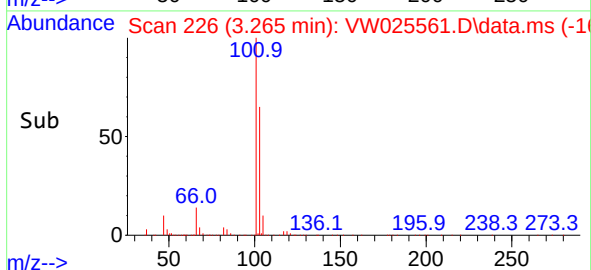
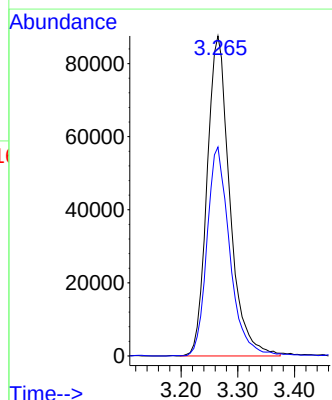
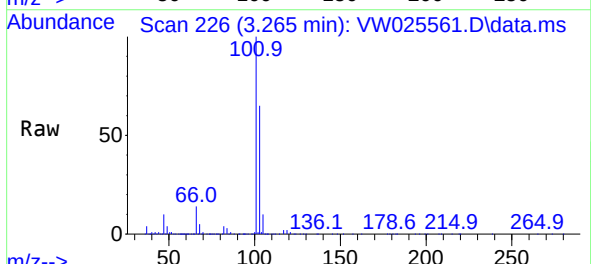
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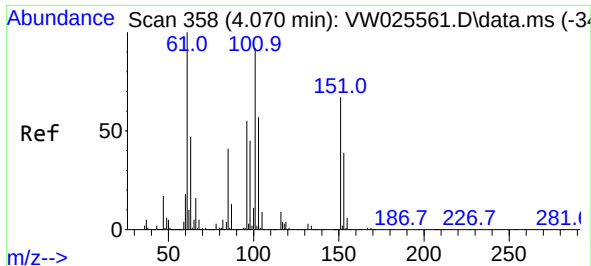
Tgt Ion: 64 Resp: 185651
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.277 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 101 Resp: 243557
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

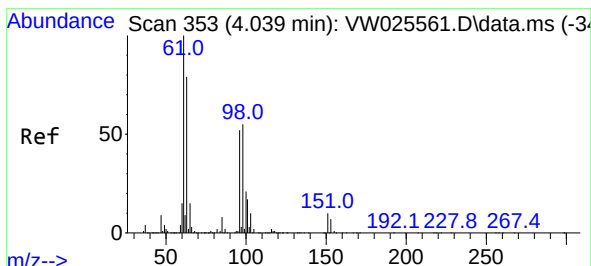
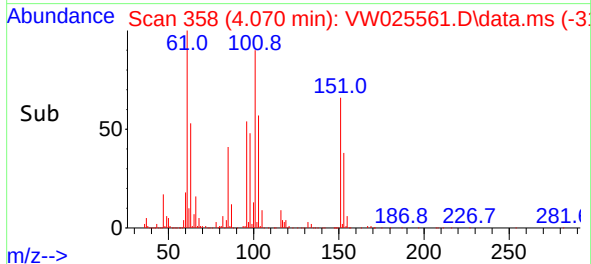
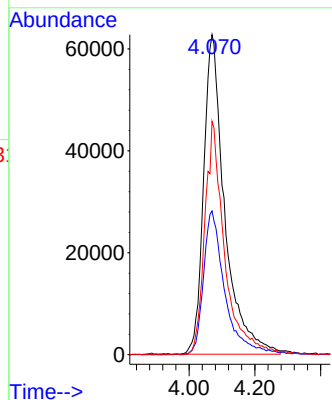
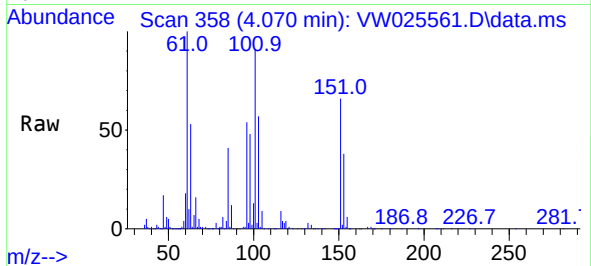




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.554 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW025561.D
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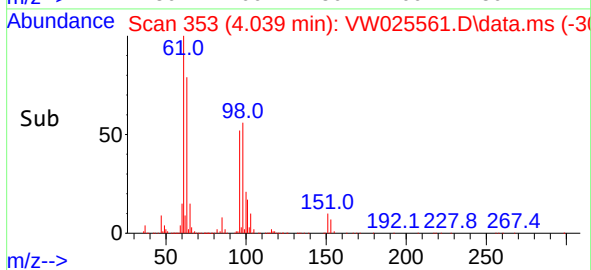
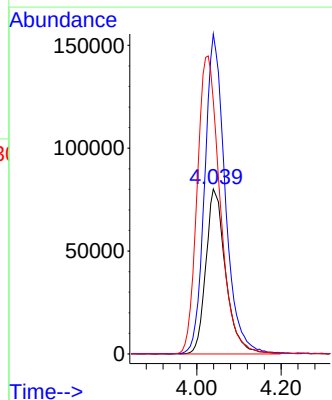
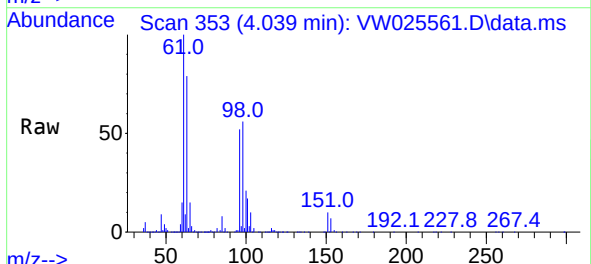
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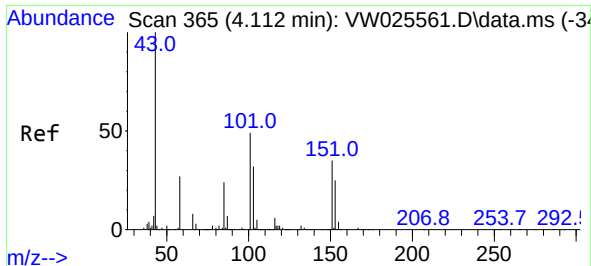
Tgt Ion:101 Resp: 280362
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.5 51.7
 151 67.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 23.887 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW025561.D
 Acq: 07 Apr 2023 08:50

Tgt Ion: 96 Resp: 262327
 Ion Ratio Lower Upper
 96 100
 61 193.9 132.7 246.4
 63 153.3 105.0 195.0

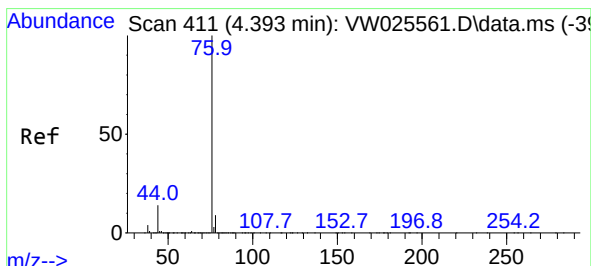
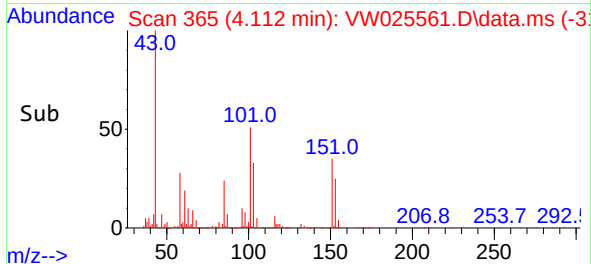
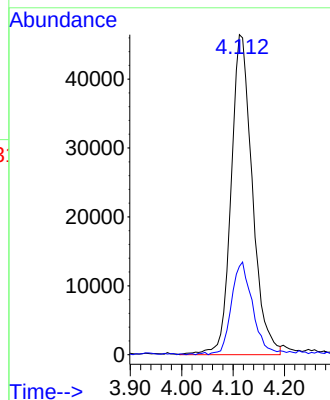
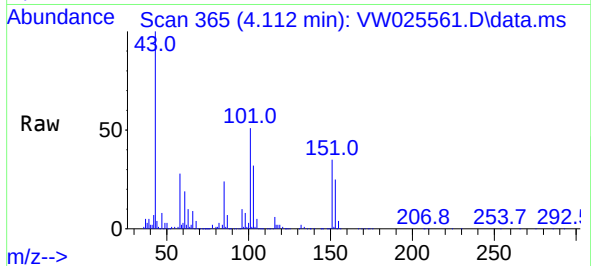




#13
Acetone
Concen: 54.868 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

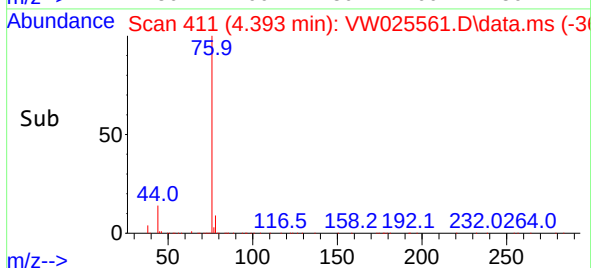
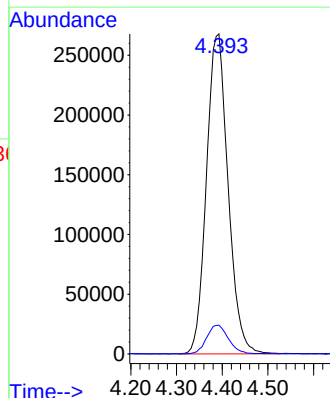
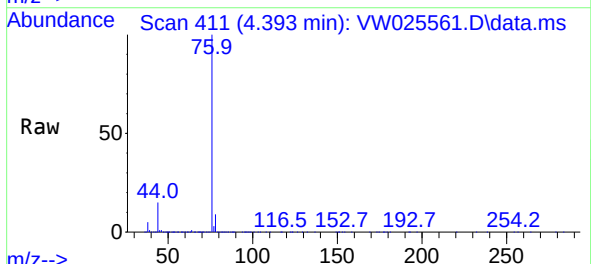
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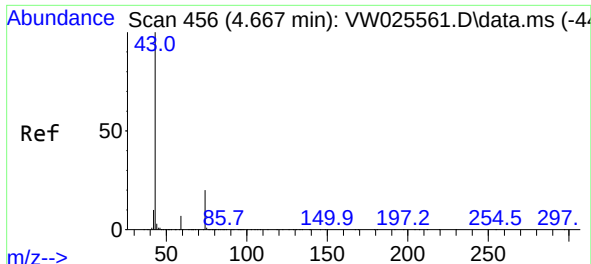
Tgt Ion: 43 Resp: 133392
Ion Ratio Lower Upper
43 100
58 28.6 0.0 57.4



#14
Carbon disulfide
Concen: 22.706 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 879762
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

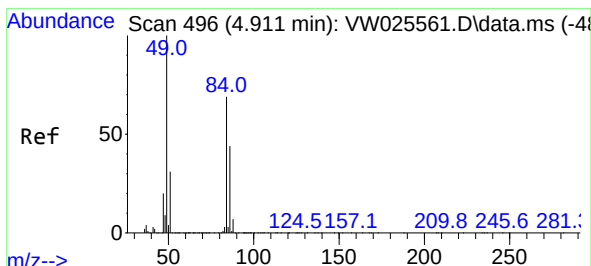
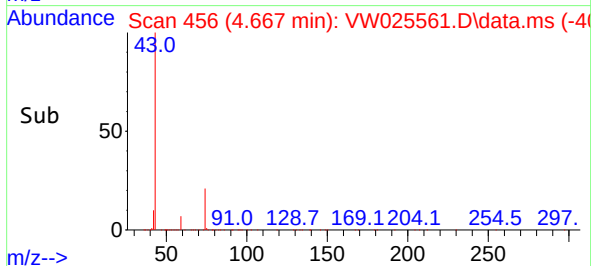
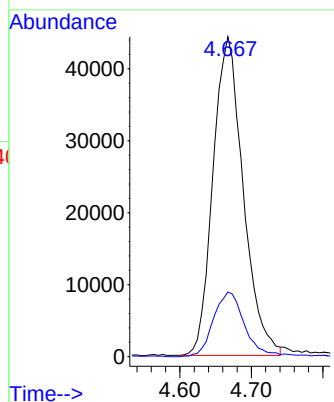
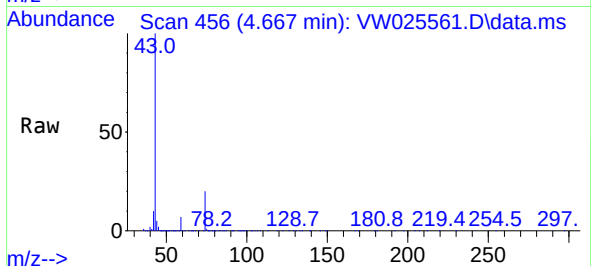




#15
Methyl Acetate
Concen: 23.768 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

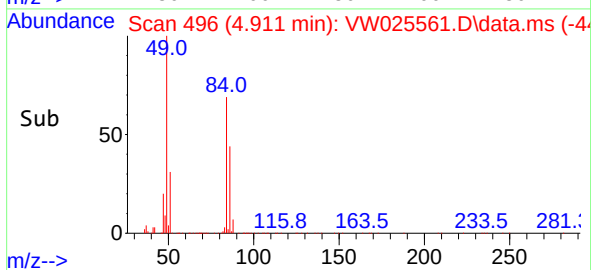
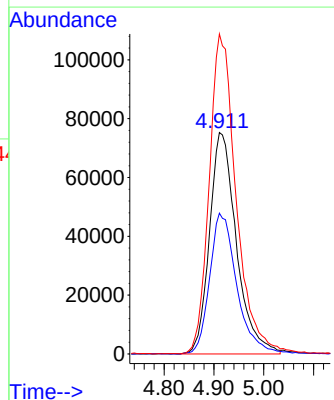
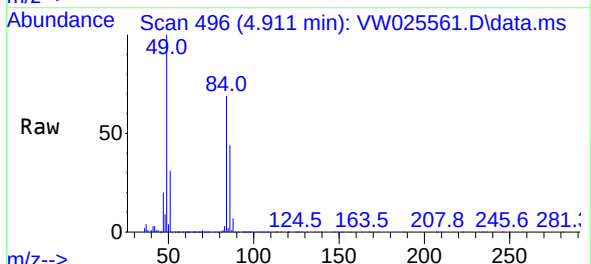
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

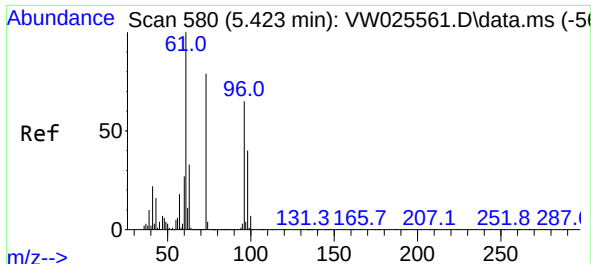
Tgt Ion: 43 Resp: 129818
Ion Ratio Lower Upper
43 100
74 20.5 17.0 25.4



#16
Methylene chloride
Concen: 22.467 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 84 Resp: 282573
Ion Ratio Lower Upper
84 100
86 63.5 44.9 83.3
49 144.5 101.4 188.4

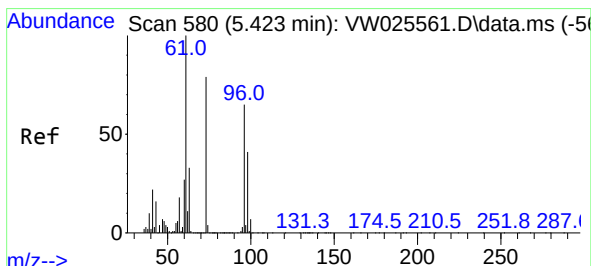
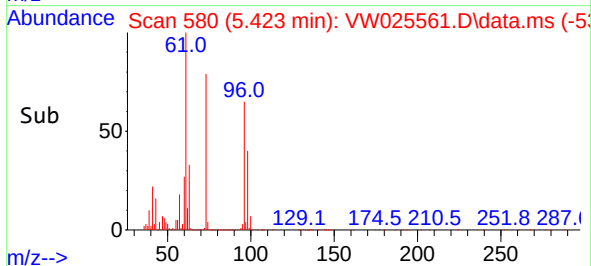
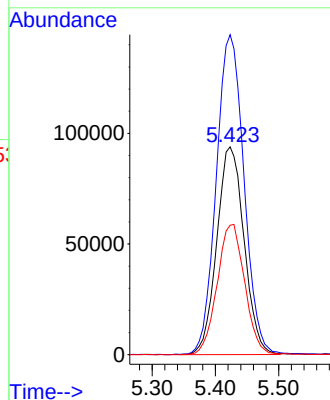
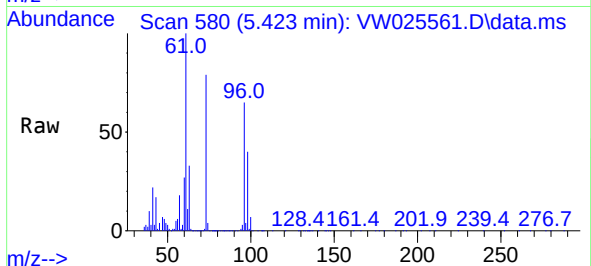




#17
trans-1,2-Dichloroethene
Concen: 24.073 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

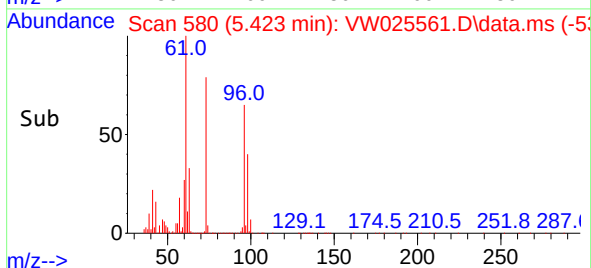
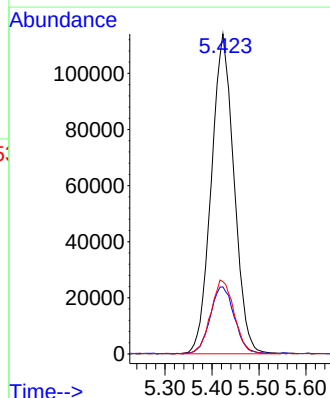
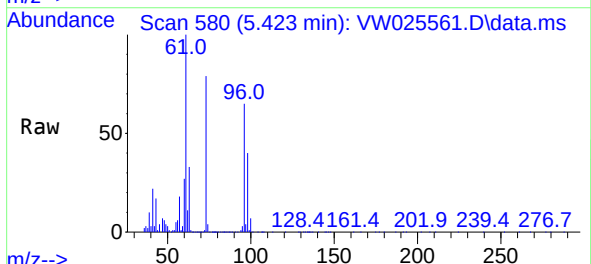
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

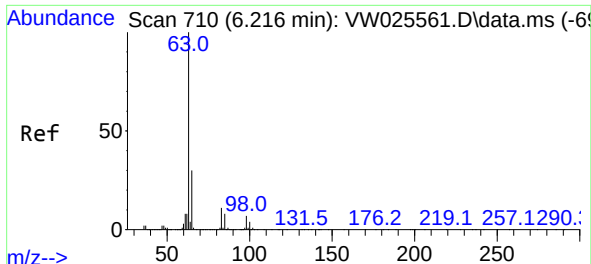
Tgt Ion: 96 Resp: 281068
Ion Ratio Lower Upper
96 100
61 153.9 113.3 210.3
98 62.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.757 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 73 Resp: 382787
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 23.6 19.0 28.6





#19

1,1-Dichloroethane

Concen: 24.780 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

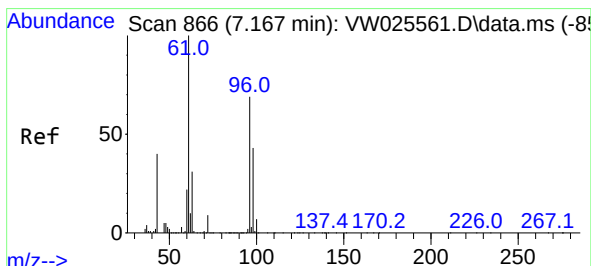
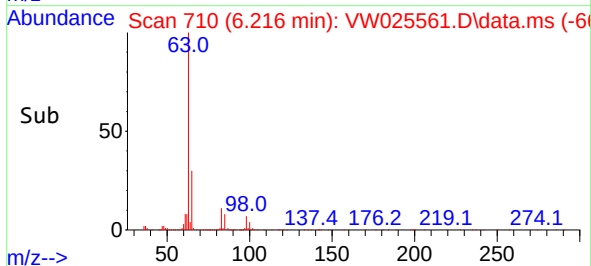
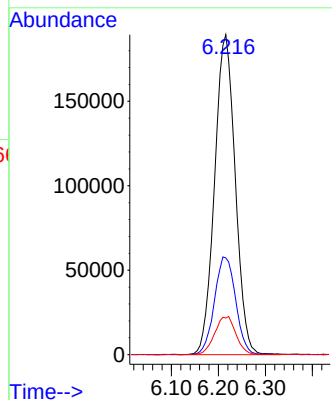
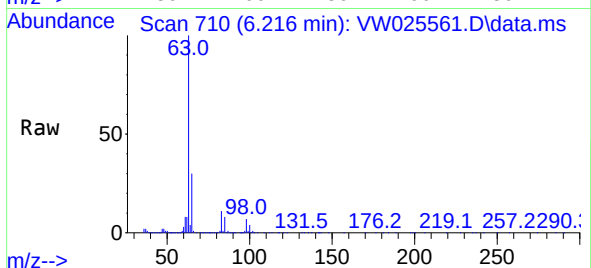
Tgt Ion: 63 Resp: 578039

Ion Ratio Lower Upper

63 100

65 30.3 21.9 40.7

83 11.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.510 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

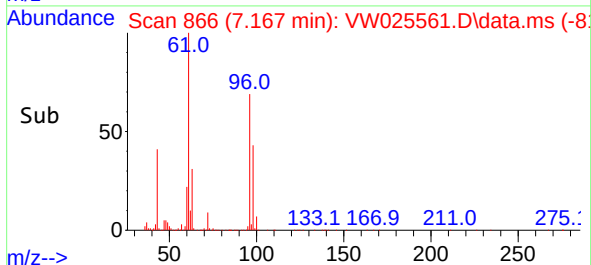
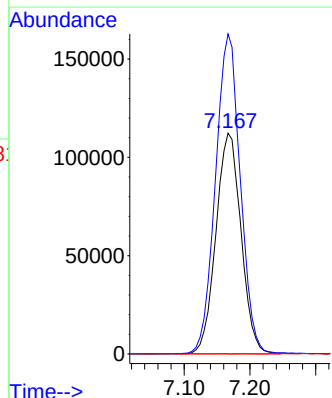
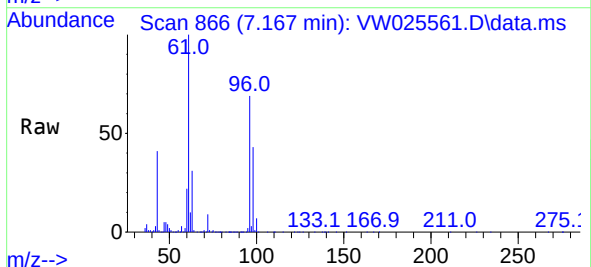
Tgt Ion: 96 Resp: 297741

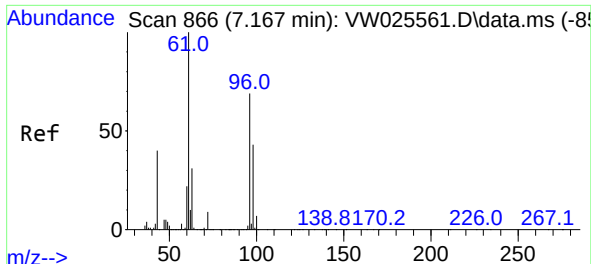
Ion Ratio Lower Upper

96 100

61 145.0 102.6 190.6

68 0.1 0.1 0.1#

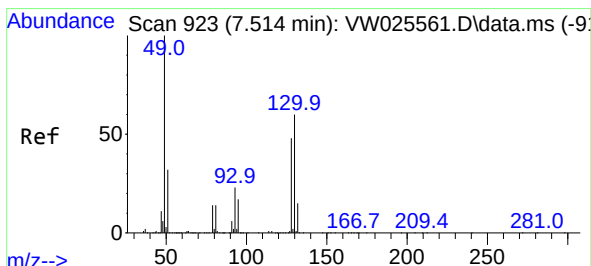
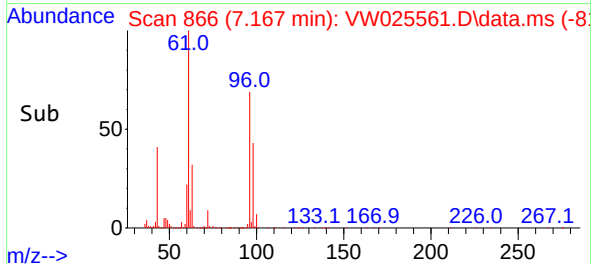
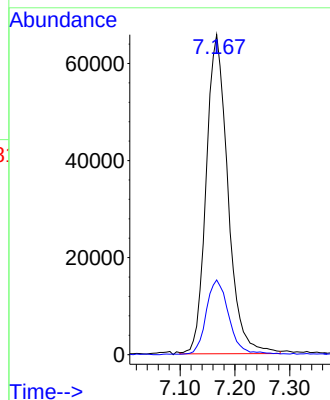
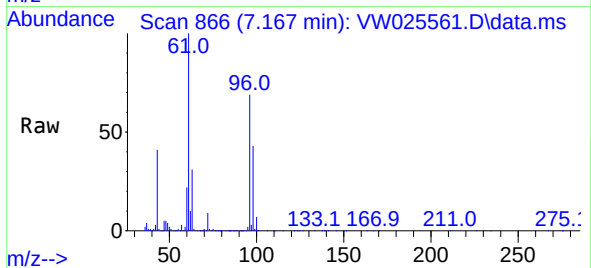




#22
2-Butanone
Concen: 52.238 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

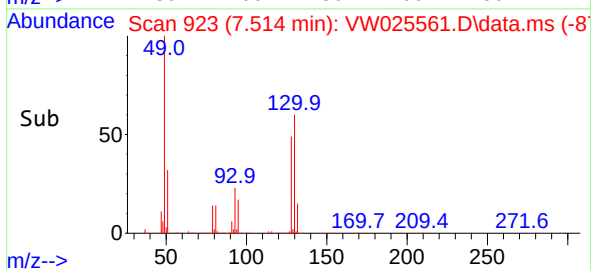
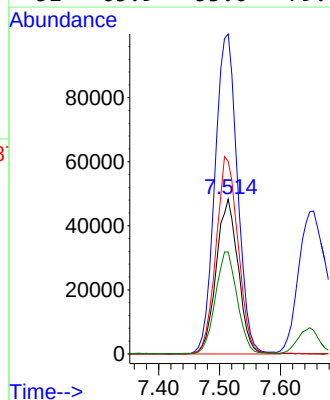
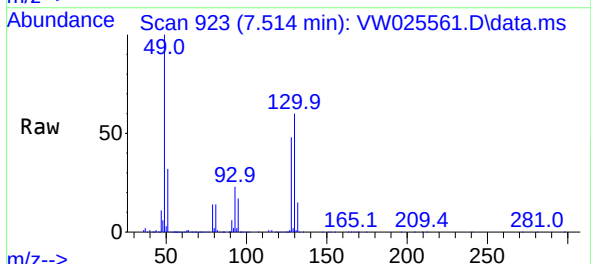
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

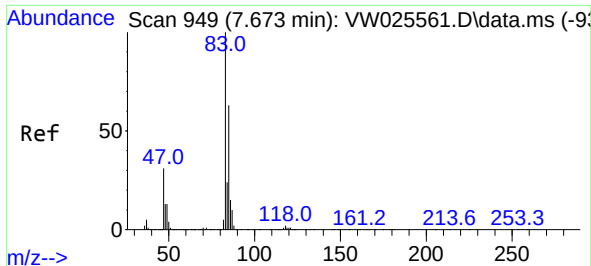
Tgt Ion: 43 Resp: 180540
Ion Ratio Lower Upper
43 100
72 23.6 12.0 36.0



#23
Bromochloromethane
Concen: 24.347 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 128 Resp: 121292
Ion Ratio Lower Upper
128 100
49 206.6 141.7 263.3
130 124.4 86.7 160.9
51 65.9 53.0 79.6

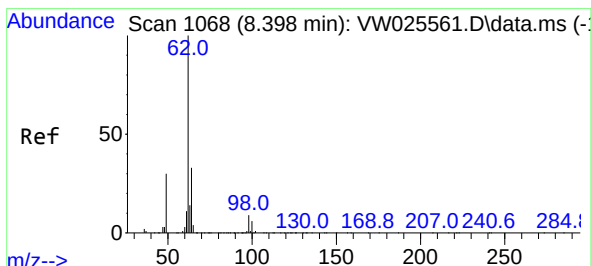
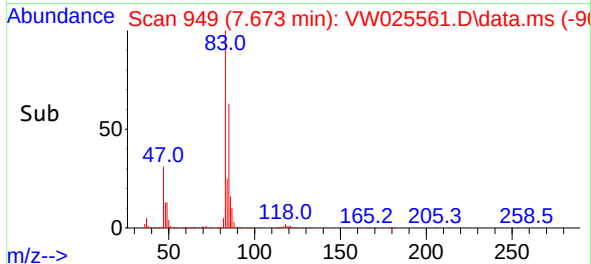
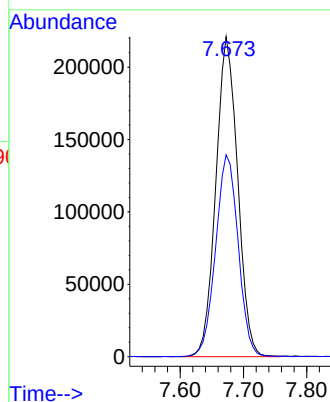
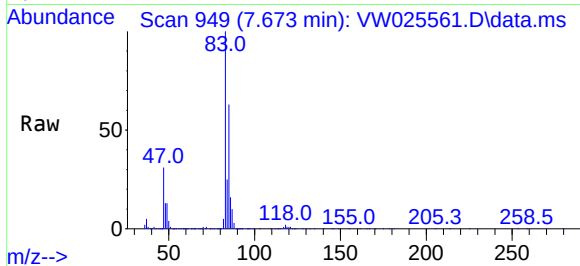




#25
Chloroform
Concen: 24.732 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

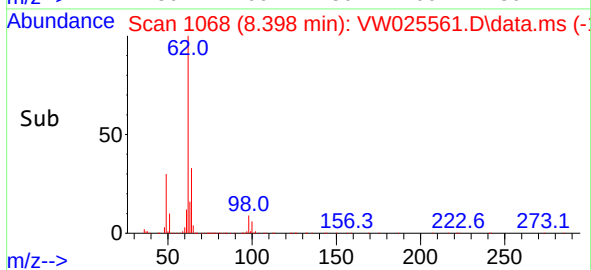
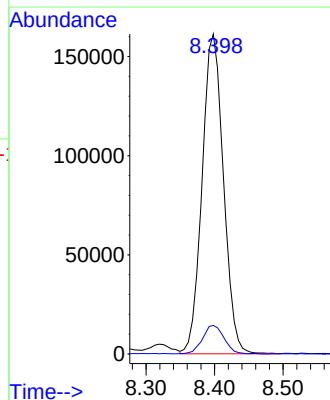
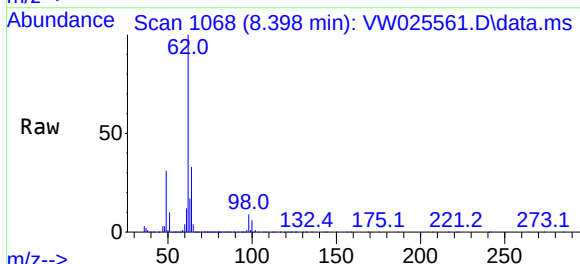
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

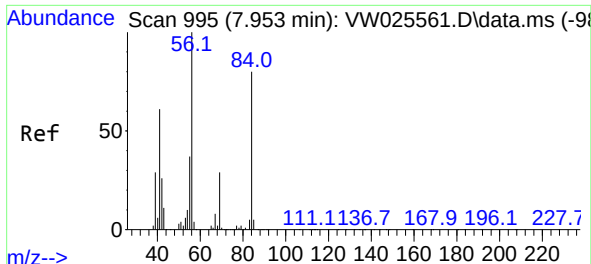
Tgt Ion: 83 Resp: 527576
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.421 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 62 Resp: 349586
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 24.630 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025561.D

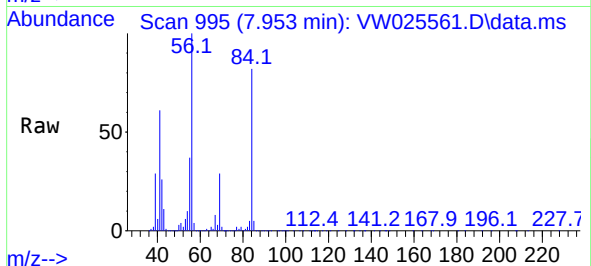
Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565



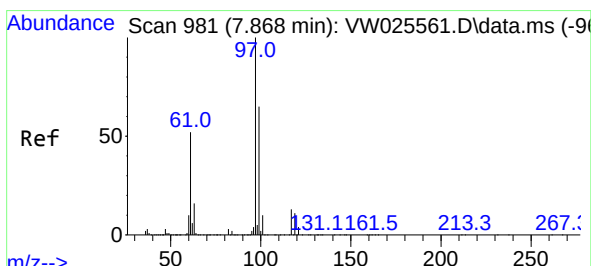
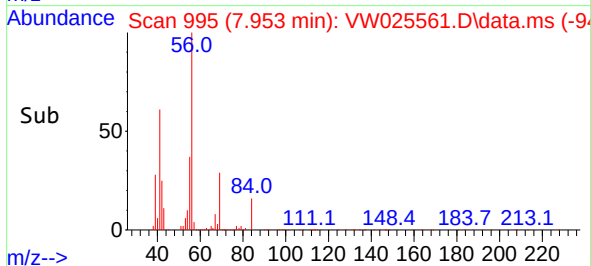
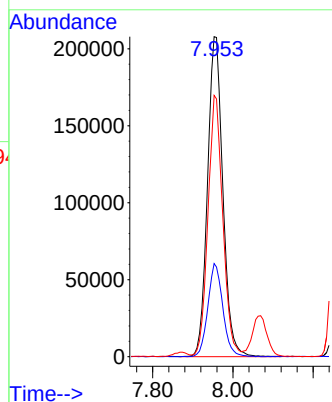
Tgt Ion: 56 Resp: 553108

Ion Ratio Lower Upper

56 100

69 28.3 22.7 34.1

84 78.6 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 24.581 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

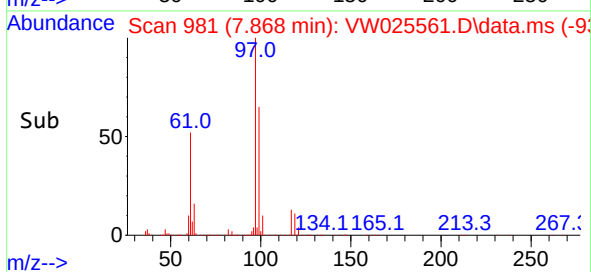
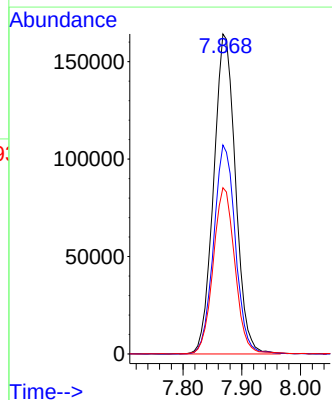
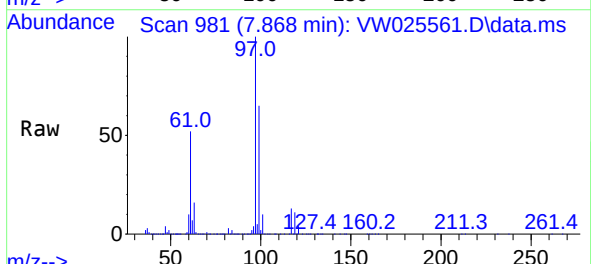
Tgt Ion: 97 Resp: 423768

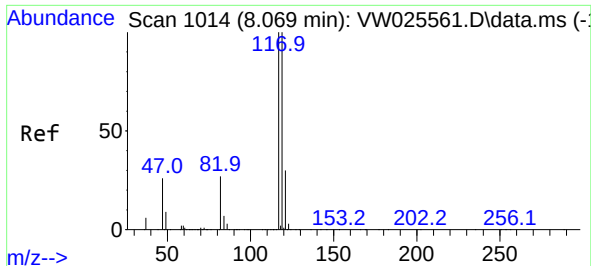
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 51.9 40.5 60.7

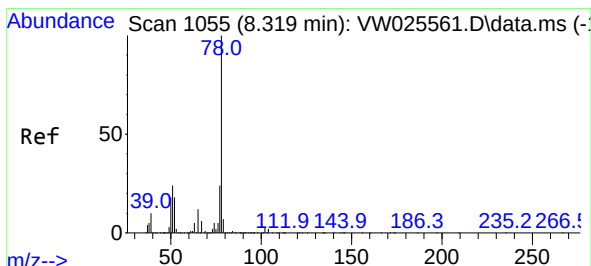
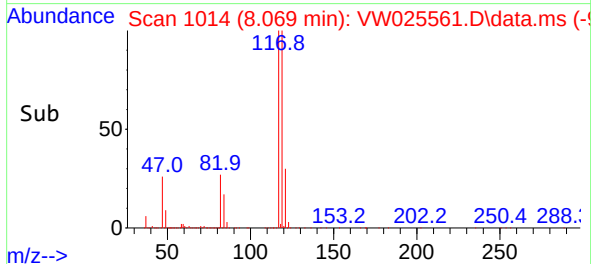
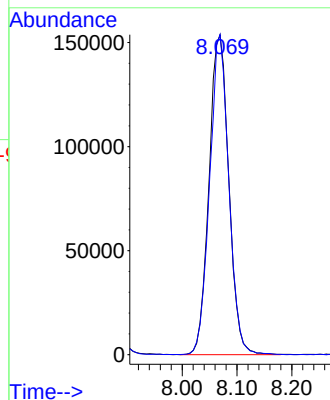
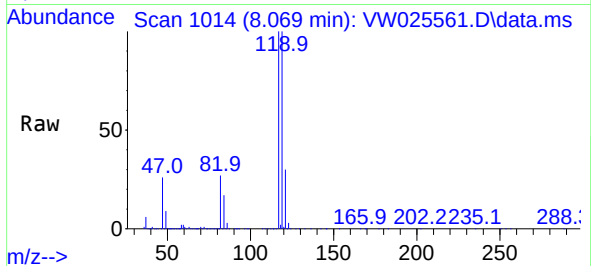




#31
Carbon tetrachloride
Concen: 24.678 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

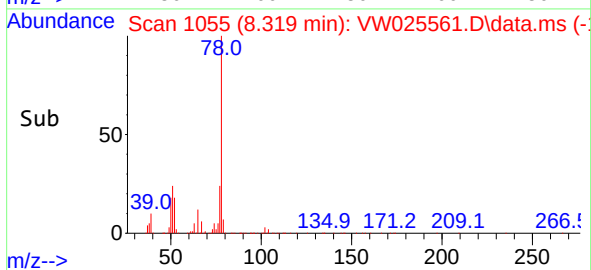
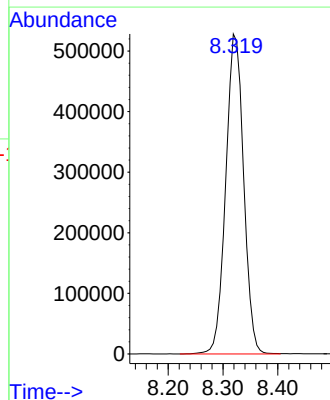
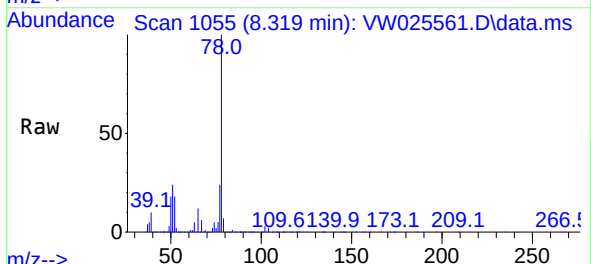
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

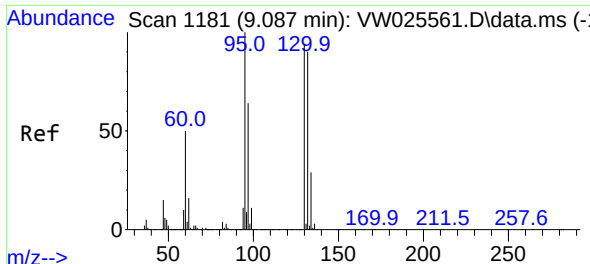
Tgt Ion:117 Resp: 384212
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5



#33
Benzene
Concen: 24.866 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 78 Resp: 1200858

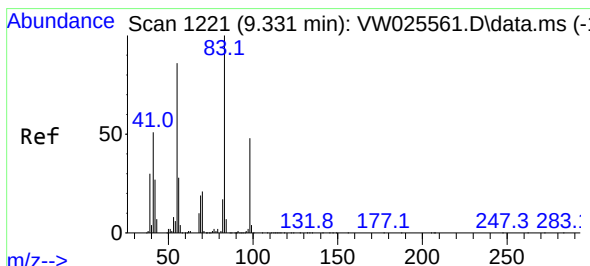
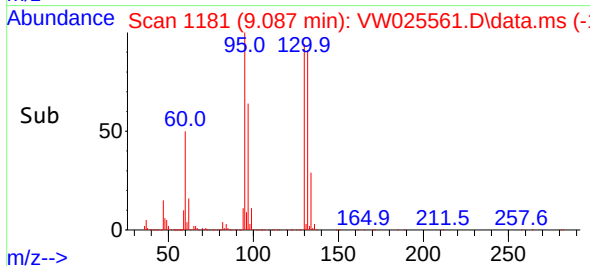
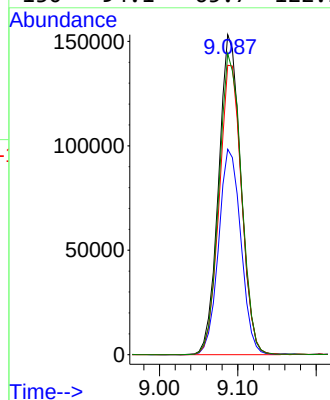
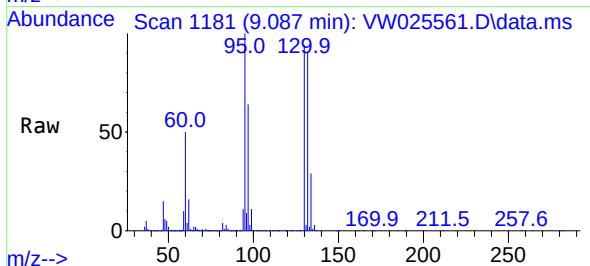




#34
Trichloroethene
Concen: 24.045 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

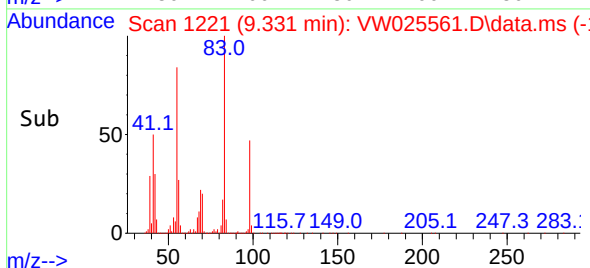
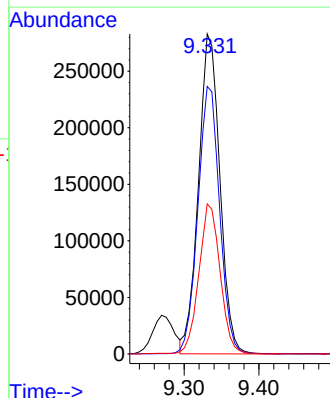
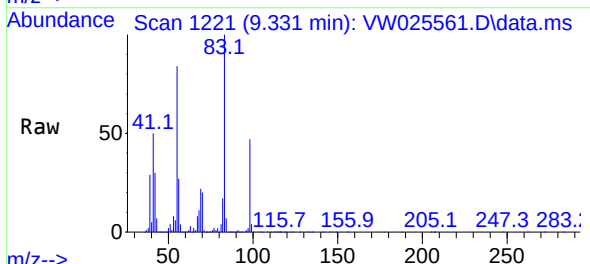
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

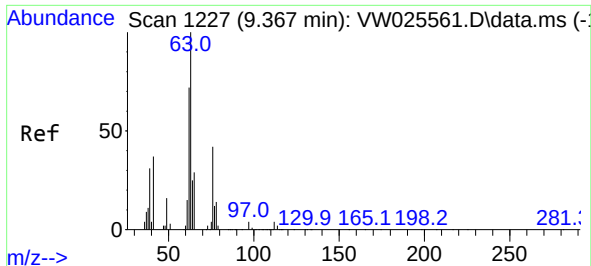
Tgt Ion: 95 Resp: 302051
Ion Ratio Lower Upper
95 100
97 64.2 42.5 78.9
132 90.5 59.8 111.1
130 94.1 65.7 122.1



#35
Methylcyclohexane
Concen: 24.786 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 83 Resp: 562220
Ion Ratio Lower Upper
83 100
55 84.8 68.7 103.1
98 46.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.090 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

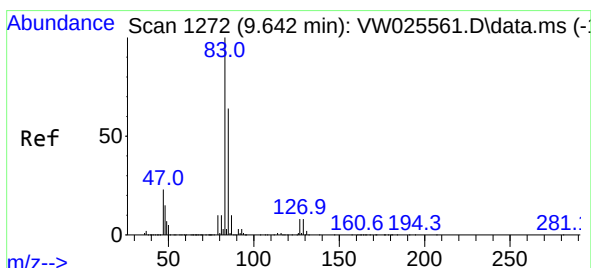
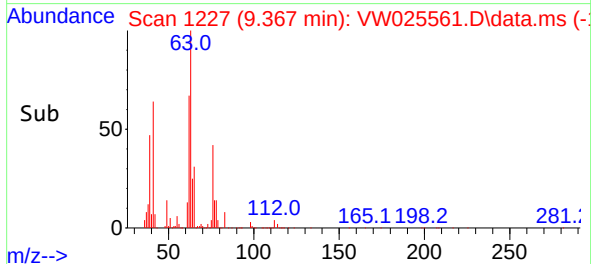
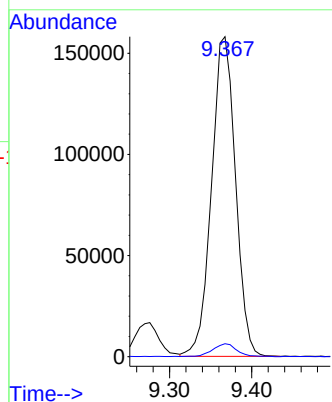
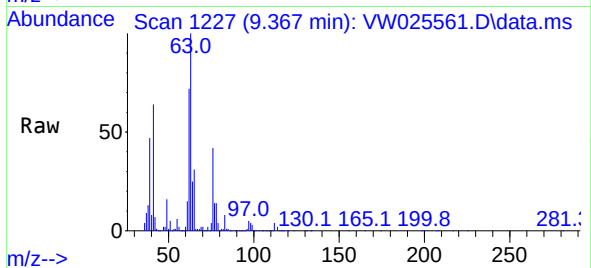
VSTD025565

Tgt Ion: 63 Resp: 320000

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 24.653 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

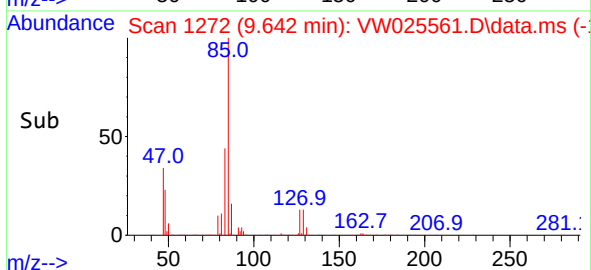
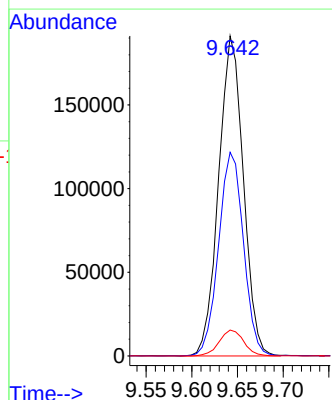
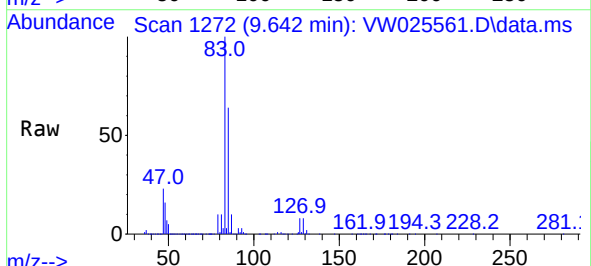
Tgt Ion: 83 Resp: 359768

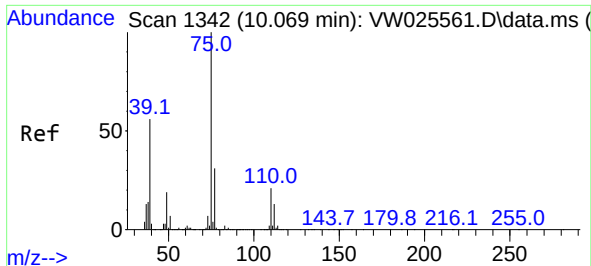
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 8.1 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.411 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

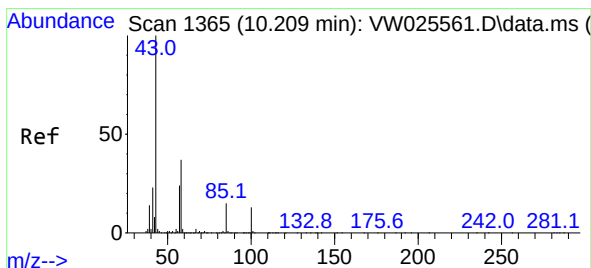
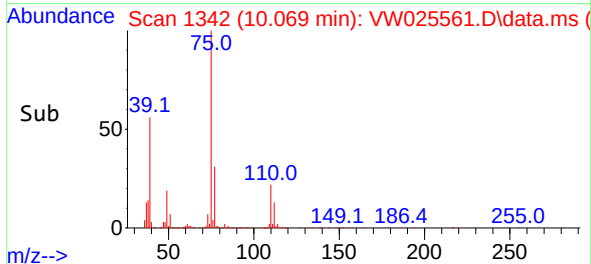
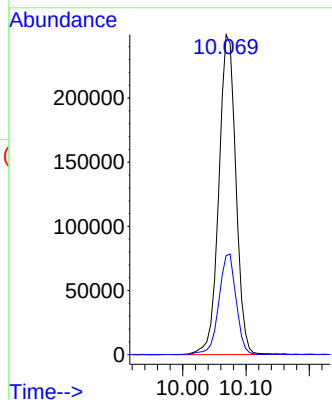
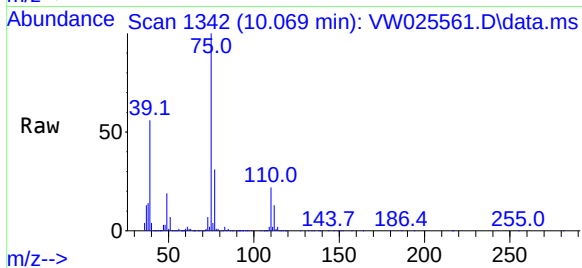
VSTD025565

Tgt Ion: 75 Resp: 464905

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 50.526 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

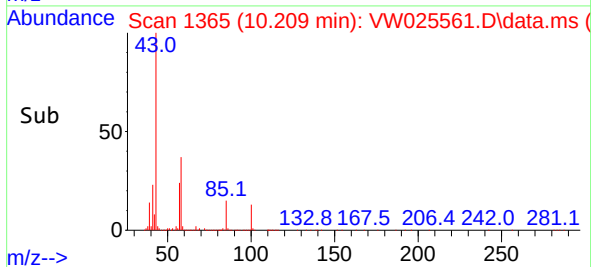
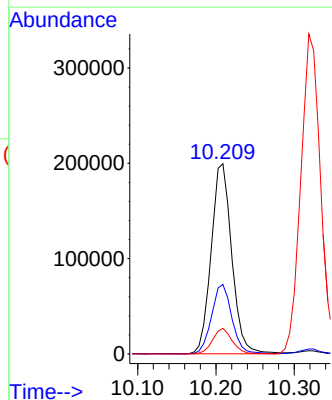
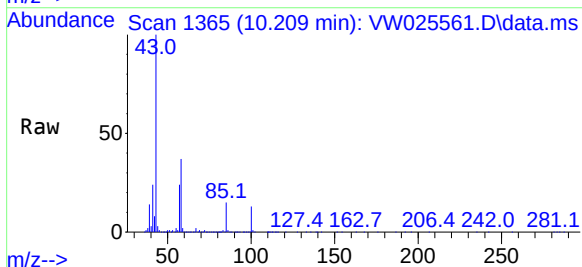
Tgt Ion: 43 Resp: 364763

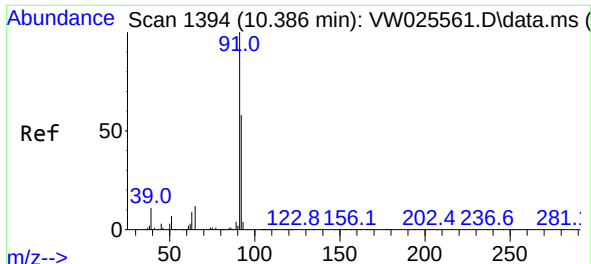
Ion Ratio Lower Upper

43 100

58 36.2 29.2 43.8

100 12.8 10.2 15.4

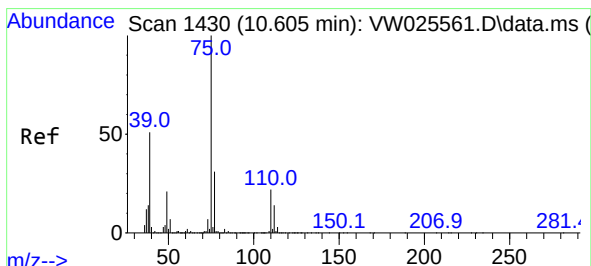
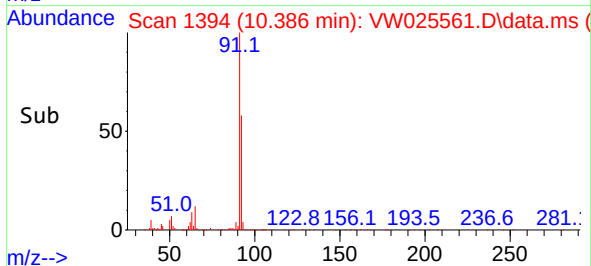
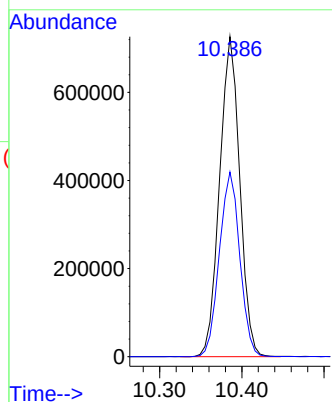
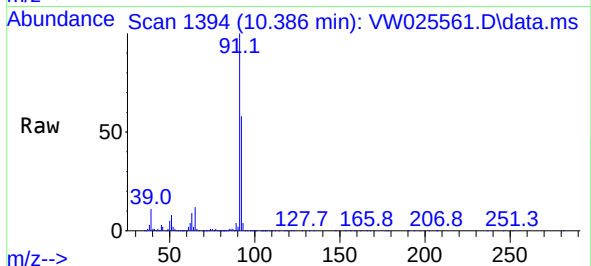




#42
Toluene
Concen: 25.127 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

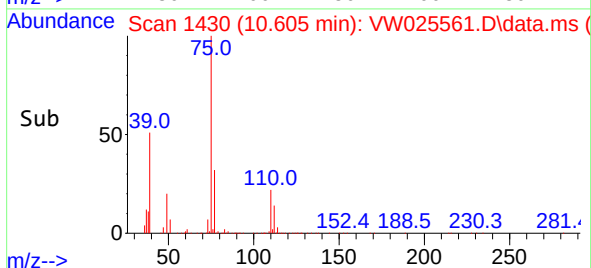
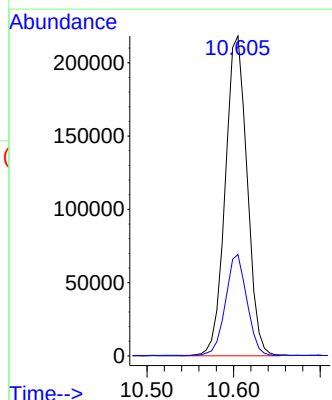
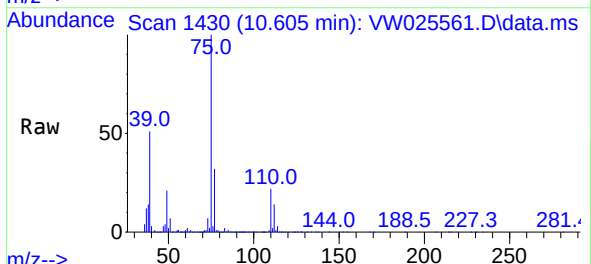
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

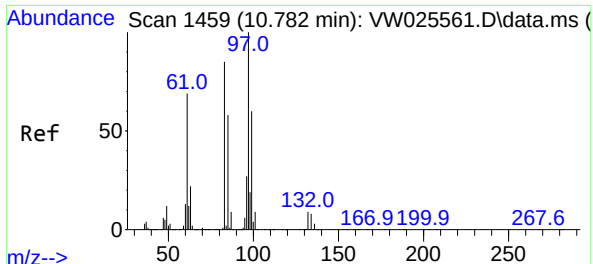
Tgt Ion: 91 Resp: 1235673
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.350 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 75 Resp: 382441
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9



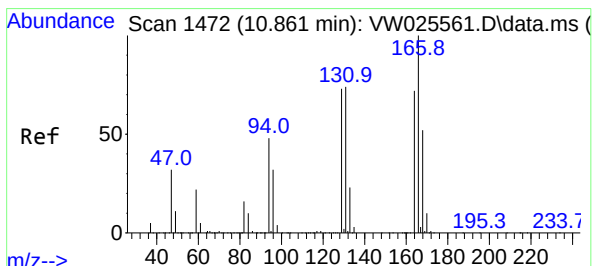
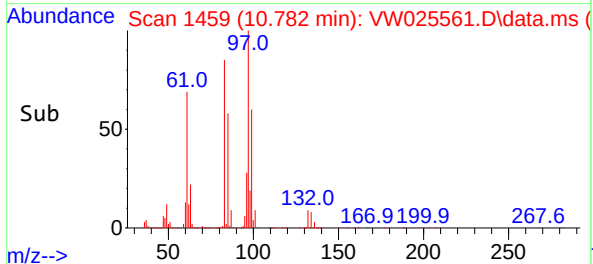
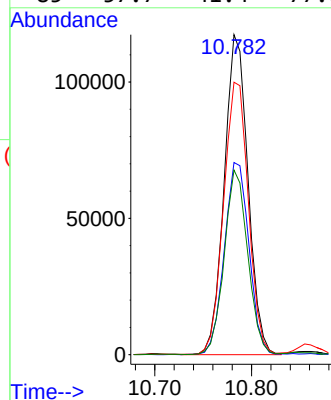
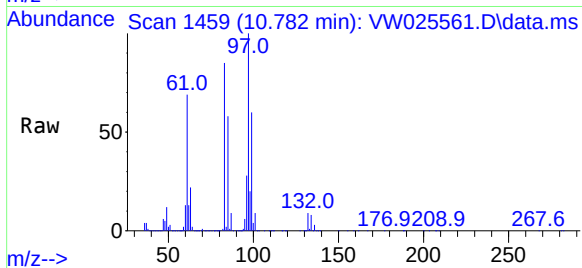


#45
1,1,2-Trichloroethane
Concen: 24.629 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion: 97 Resp: 200294

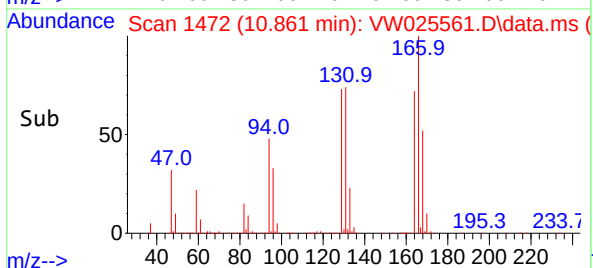
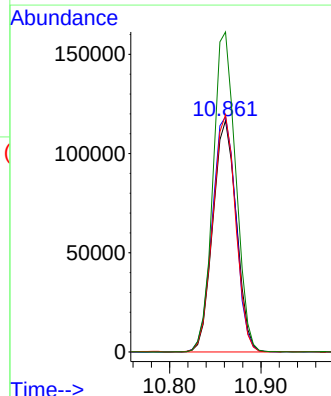
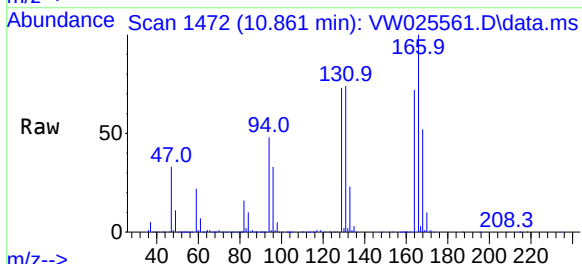
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.8	81.3
83	85.1	61.8	114.8
85	57.7	41.4	77.0

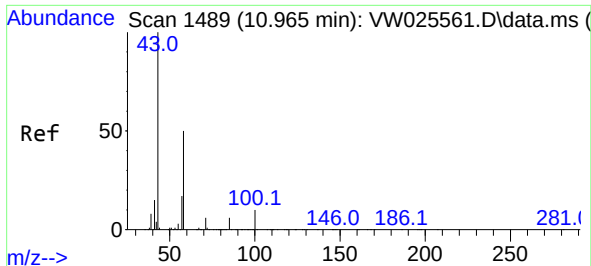


#46
Tetrachloroethene
Concen: 23.532 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 164 Resp: 207902

Ion	Ratio	Lower	Upper
164	100		
129	101.6	76.9	142.9
131	102.6	70.5	130.9
166	138.3	89.2	165.8



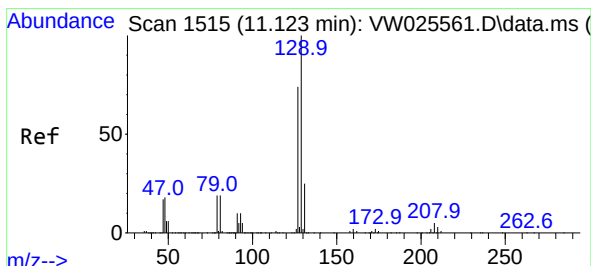
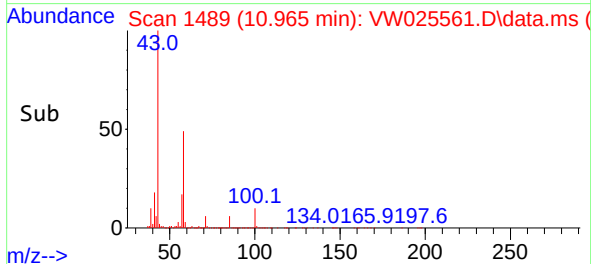
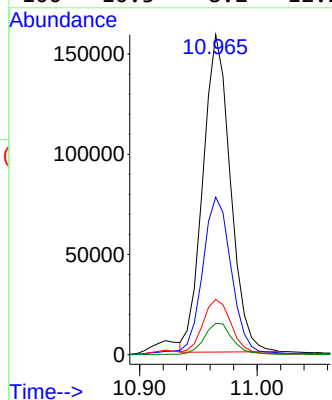
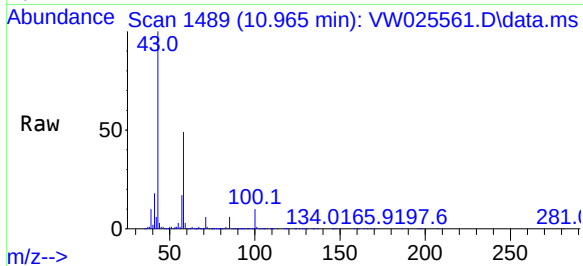


#48
2-Hexanone
Concen: 51.814 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion: 43 Resp: 258451

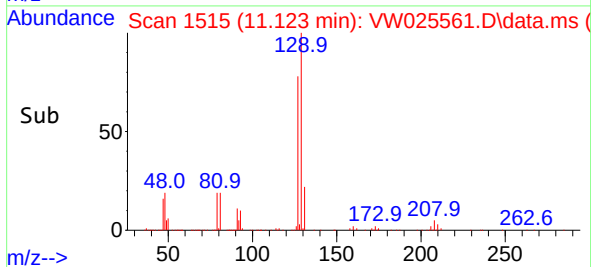
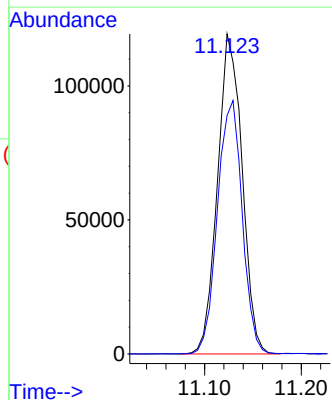
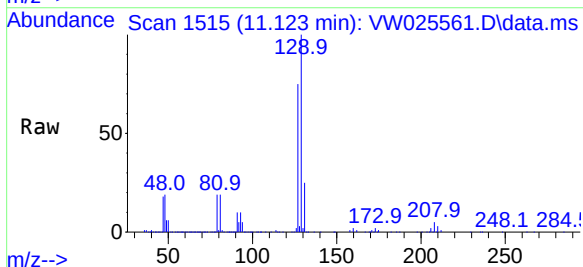
Ion	Ratio	Lower	Upper
43	100		
58	50.7	38.6	57.8
57	18.4	13.9	20.9
100	10.3	8.2	12.2

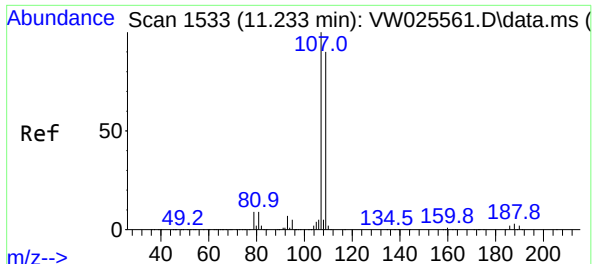


#49
Dibromochloromethane
Concen: 24.599 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 129 Resp: 210625

Ion	Ratio	Lower	Upper
129	100		
127	74.5	54.0	100.2



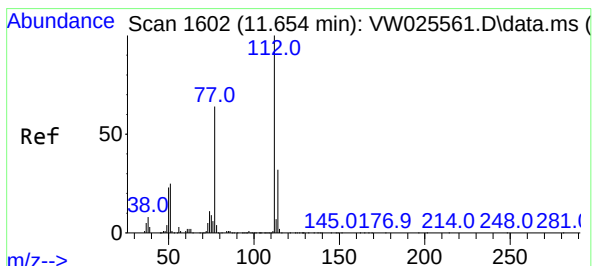
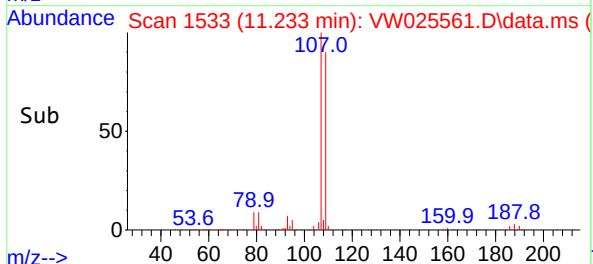
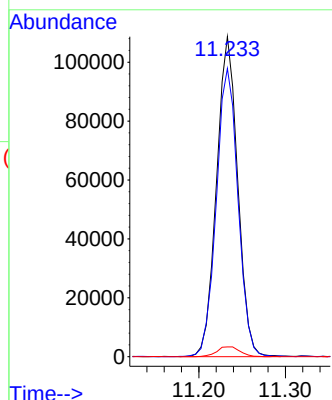
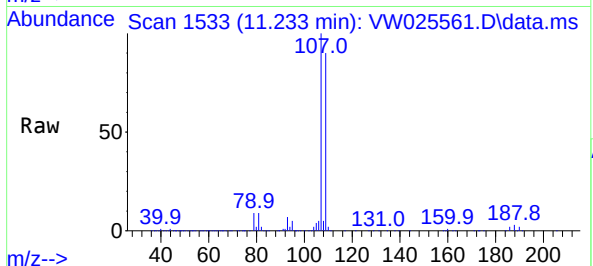


#50
1,2-Dibromoethane
Concen: 24.692 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion:107 Resp: 184505

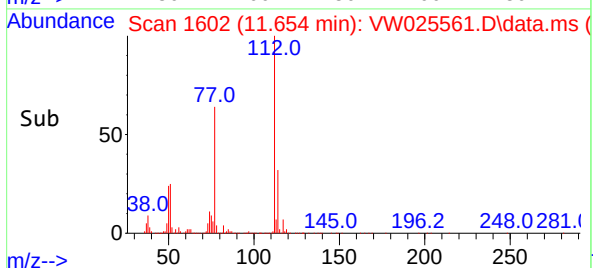
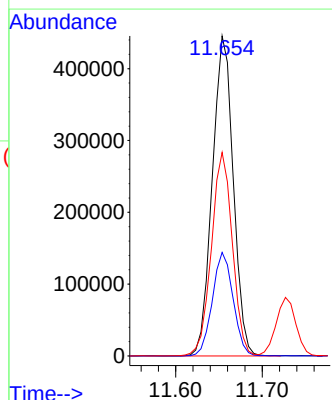
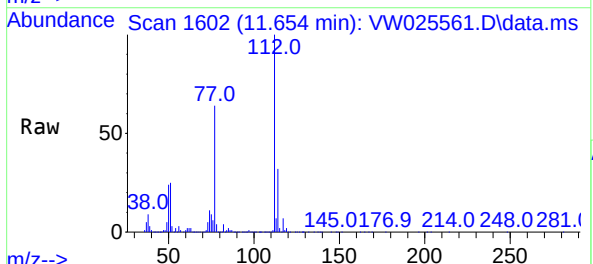
Ion	Ratio	Lower	Upper
107	100		
109	90.0	64.1	119.1
188	3.0	2.8	4.2

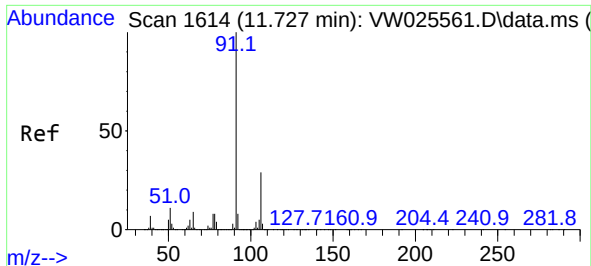


#51
Chlorobenzene
Concen: 24.709 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion:112 Resp: 748743

Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.6	40.2
77	63.6	50.2	75.2

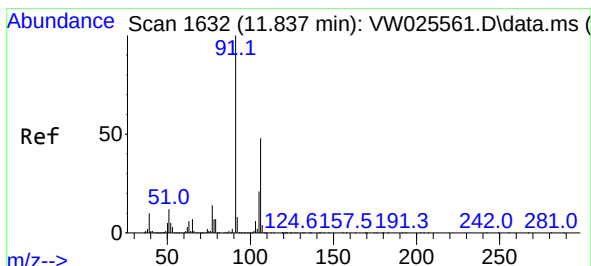
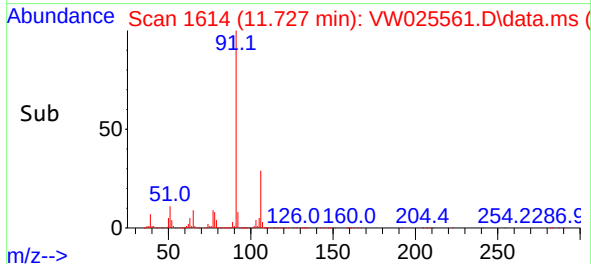
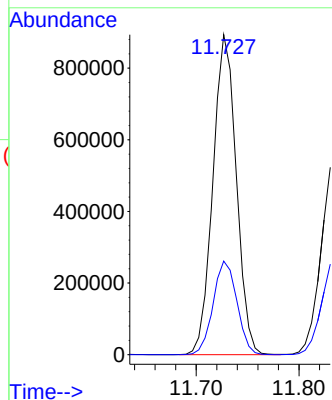
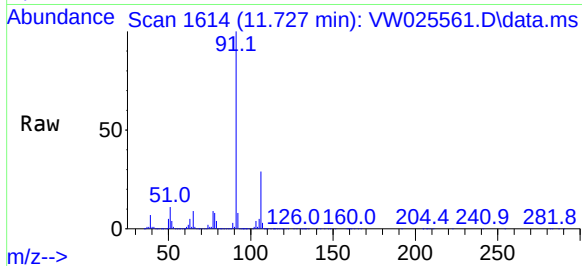




#52
Ethylbenzene
Concen: 25.350 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

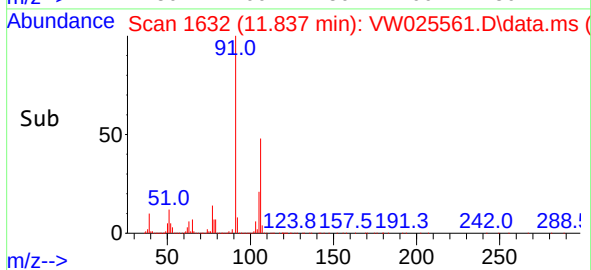
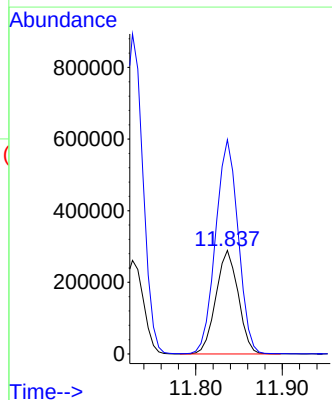
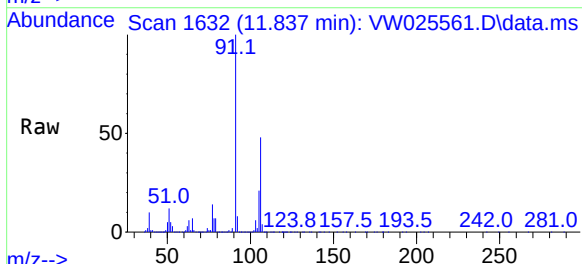
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

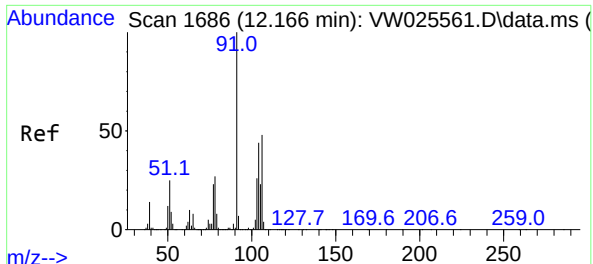
Tgt Ion: 91 Resp: 1410697
Ion Ratio Lower Upper
91 100
106 29.2 20.3 37.7



#53
m,p-Xylene
Concen: 25.353 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 106 Resp: 517409
Ion Ratio Lower Upper
106 100
91 207.0 148.0 274.8

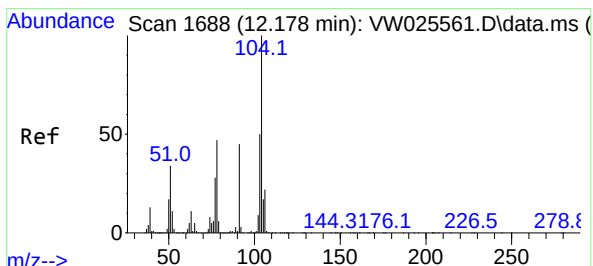
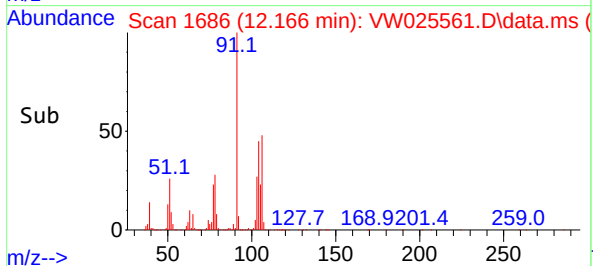
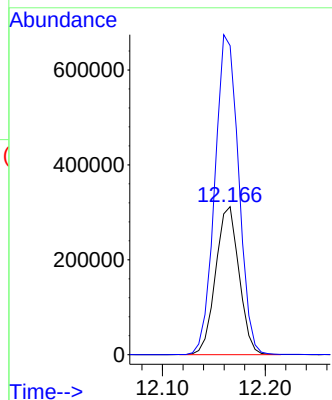
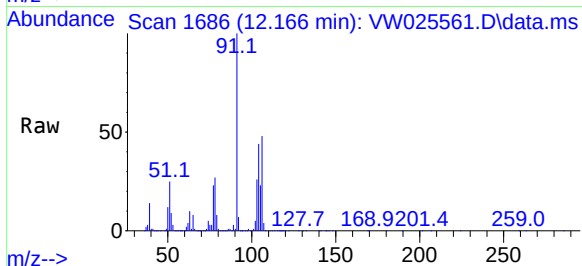




#54
o-Xylene
Concen: 25.856 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

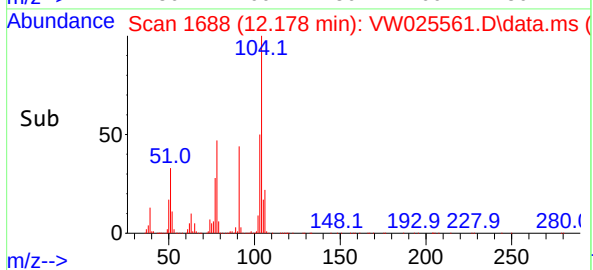
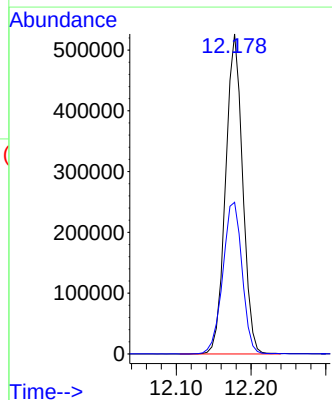
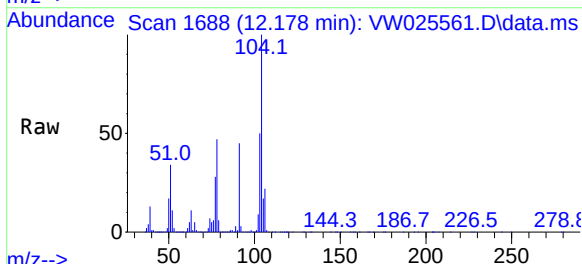
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

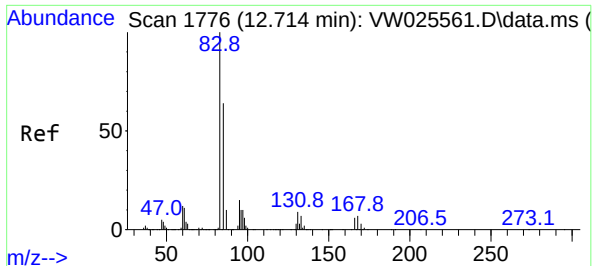
Tgt Ion:106 Resp: 493627
Ion Ratio Lower Upper
106 100
91 208.7 158.2 293.8



#55
Styrene
Concen: 25.971 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion:104 Resp: 834579
Ion Ratio Lower Upper
104 100
78 47.4 33.3 61.9

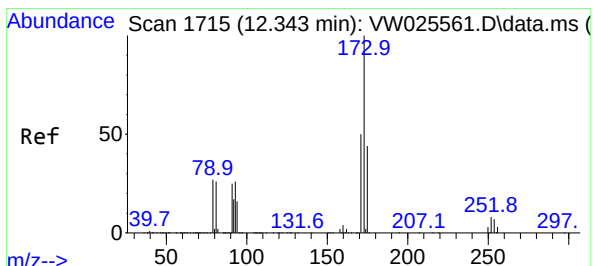
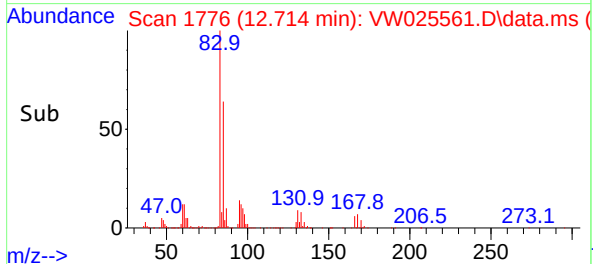
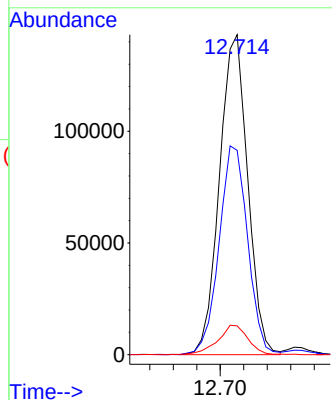
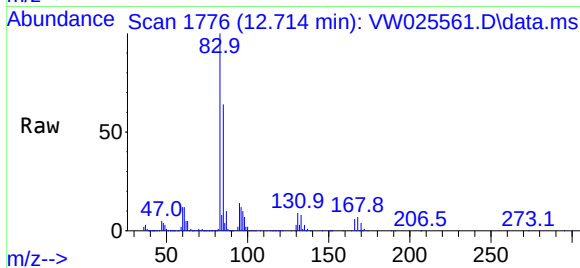




#57
1,1,2,2-Tetrachloroethane
Concen: 24.549 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

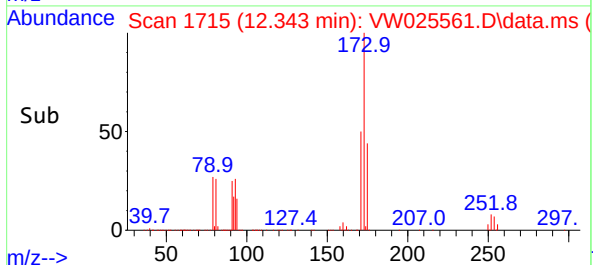
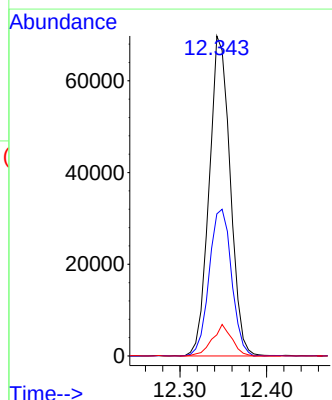
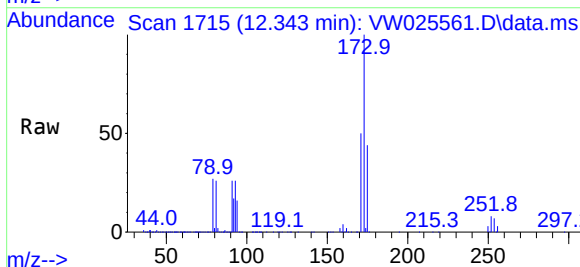
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

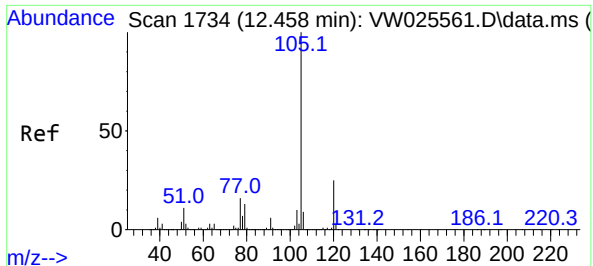
Tgt Ion: 83 Resp: 239134
Ion Ratio Lower Upper
83 100
85 63.9 43.5 80.7
131 9.0 7.0 10.4



#59
Bromoform
Concen: 25.631 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 173 Resp: 117735
Ion Ratio Lower Upper
173 100
175 48.8 36.1 54.1
254 9.2 7.0 10.6

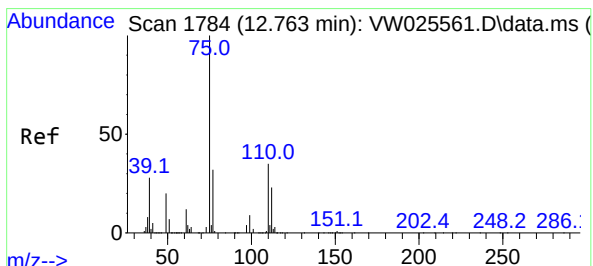
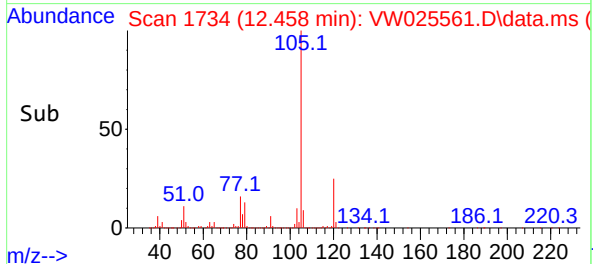
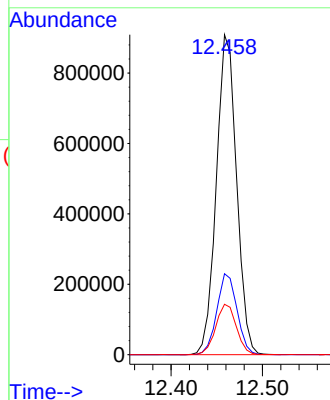
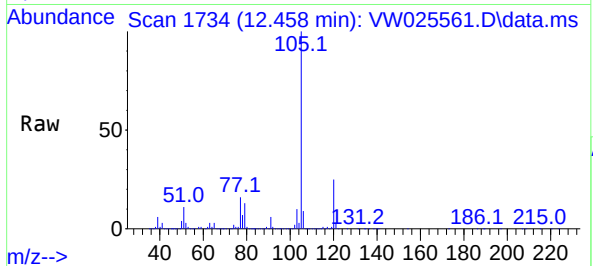




#60
Isopropylbenzene
Concen: 26.618 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

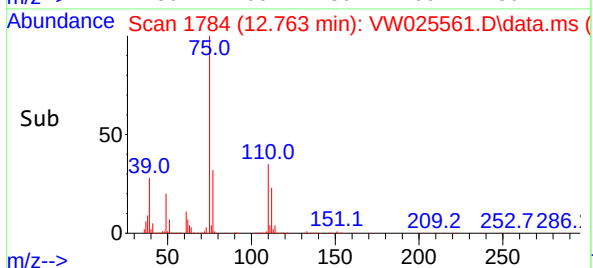
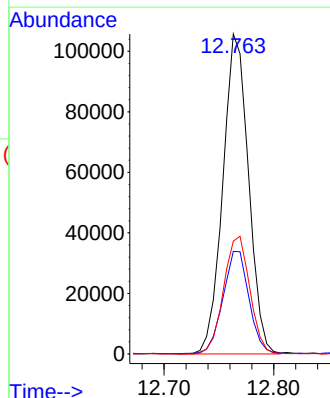
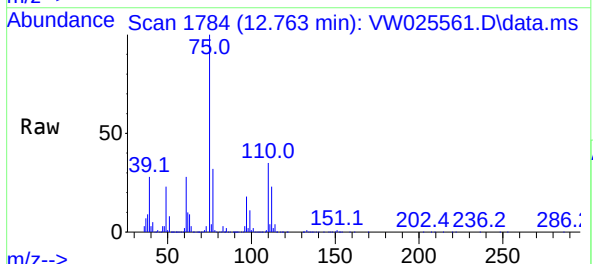
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

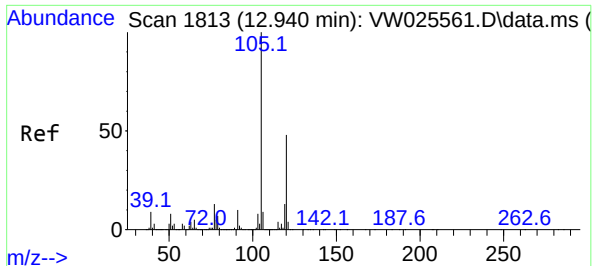
Tgt Ion:105 Resp: 1397732
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.744 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 75 Resp: 171908
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2
110 37.5 29.0 43.6





#62

1,3,5-Trimethylbenzene

Concen: 27.080 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

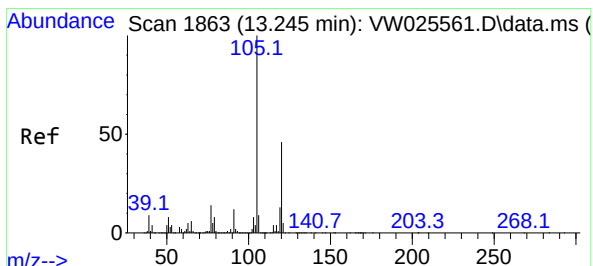
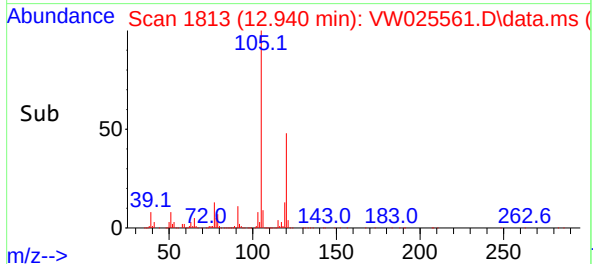
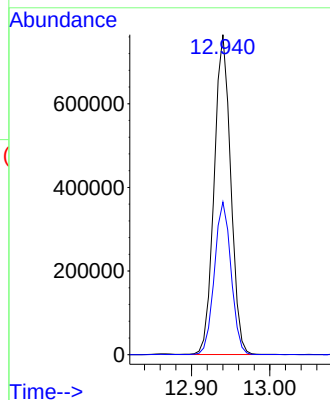
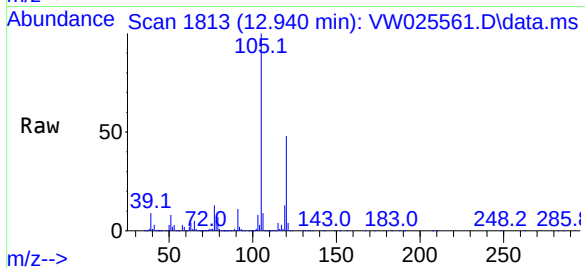
VSTD025565

Tgt Ion:105 Resp: 1122519

Ion Ratio Lower Upper

105 100

120 48.0 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.382 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025561.D

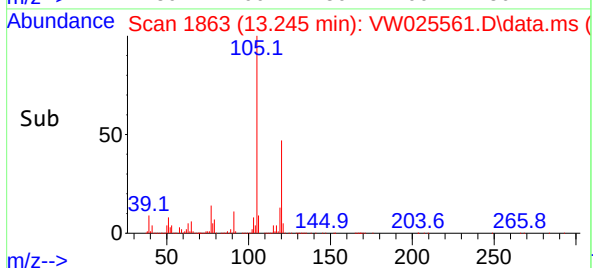
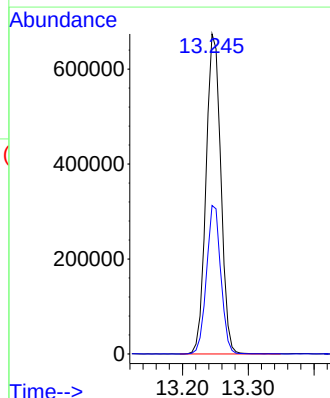
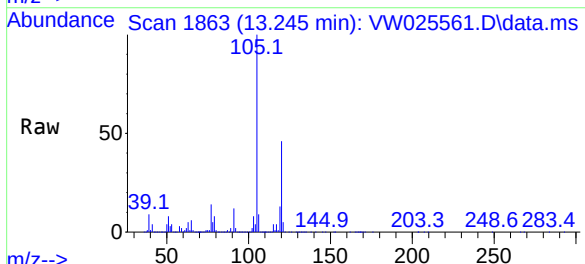
Acq: 07 Apr 2023 08:50

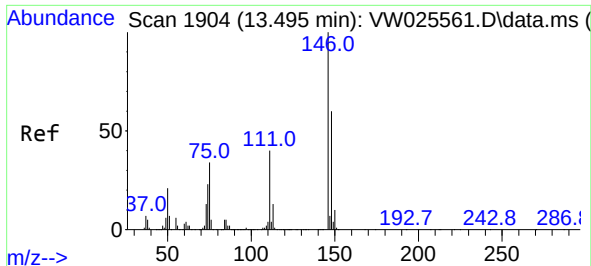
Tgt Ion:105 Resp: 1053000

Ion Ratio Lower Upper

105 100

120 45.1 34.8 52.2

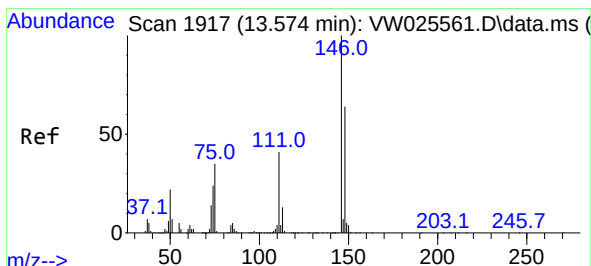
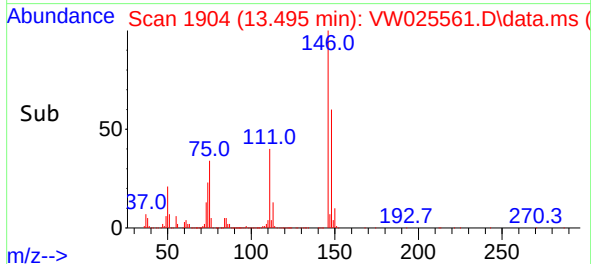
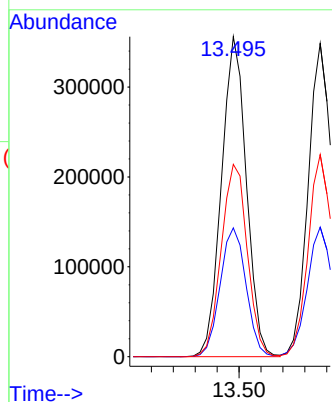
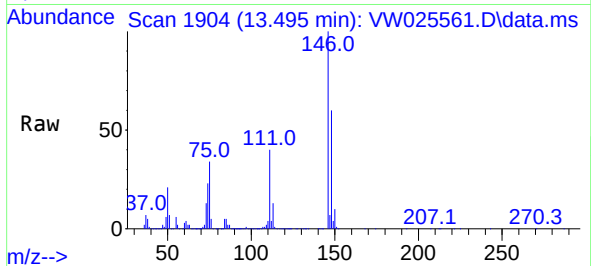




#64
1,3-Dichlorobenzene
Concen: 25.826 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

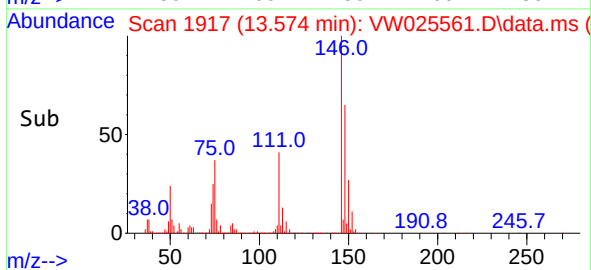
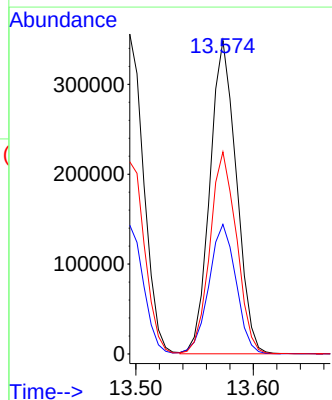
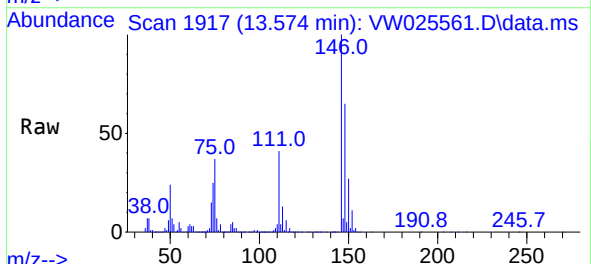
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

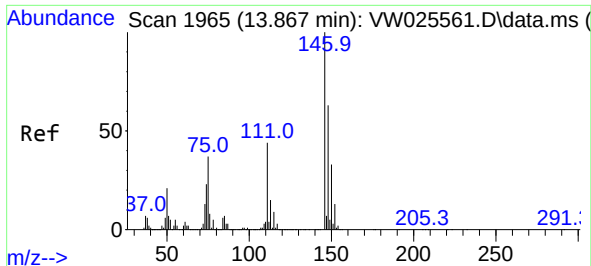
Tgt Ion:146 Resp: 561987
Ion Ratio Lower Upper
146 100
111 40.3 29.7 55.1
148 60.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.616 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion:146 Resp: 547039
Ion Ratio Lower Upper
146 100
111 41.4 30.4 56.5
148 64.5 48.6 90.3



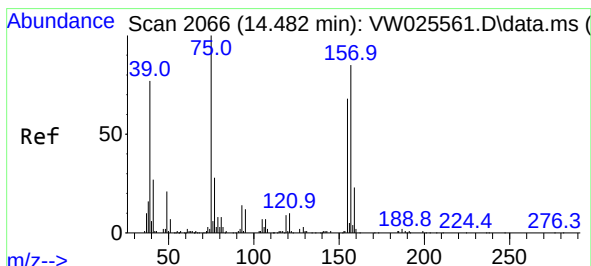
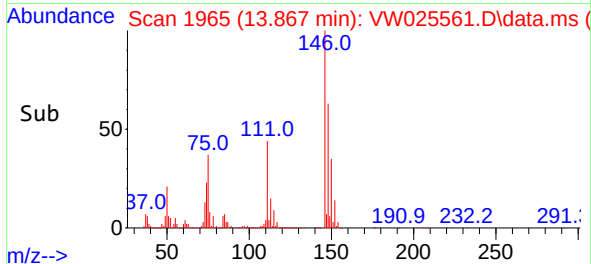
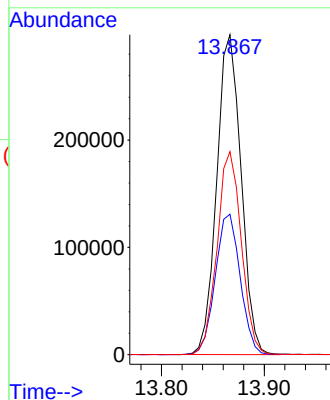
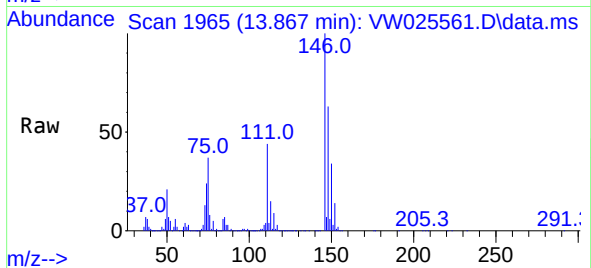


#67
1,2-Dichlorobenzene
Concen: 25.758 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion:146 Resp: 491387

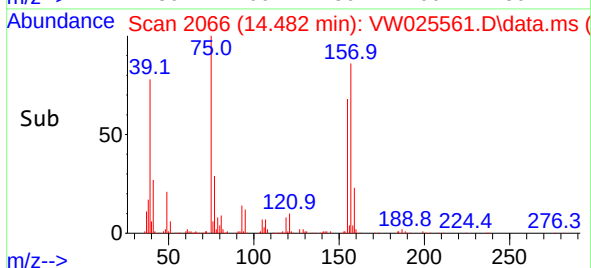
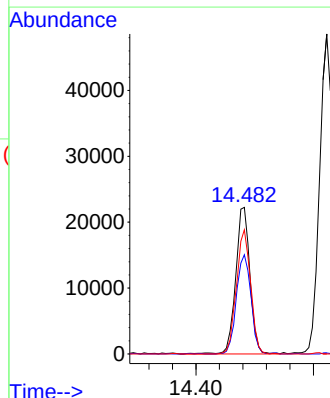
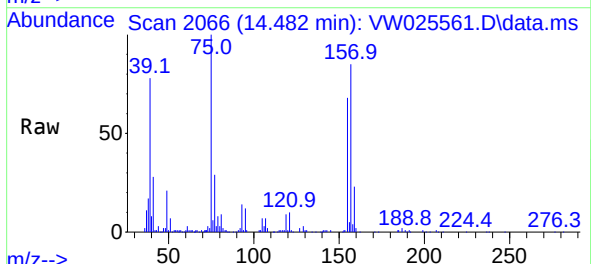
Ion	Ratio	Lower	Upper
146	100		
111	43.9	35.3	52.9
148	63.5	47.9	71.9

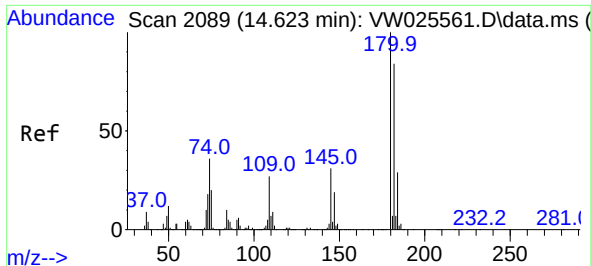


#68
1,2-Dibromo-3-chloropropane
Concen: 24.666 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion: 75 Resp: 37592

Ion	Ratio	Lower	Upper
75	100		
155	67.7	61.1	91.7
157	84.7	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 24.860 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025561.D

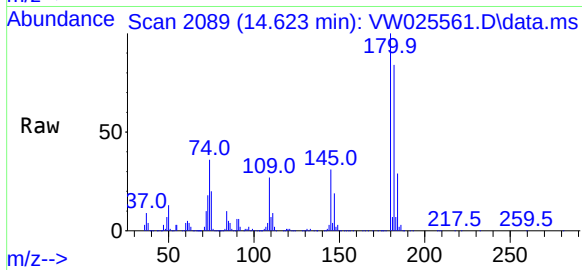
Acq: 07 Apr 2023 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565



Tgt Ion:180 Resp: 362180

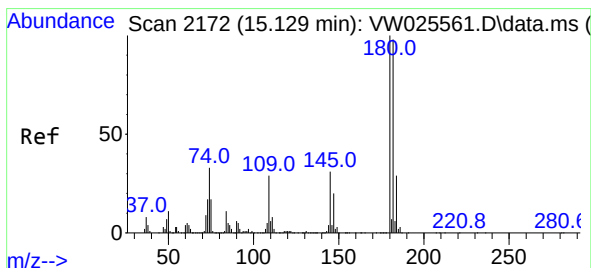
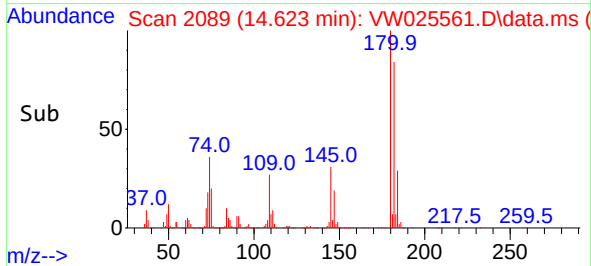
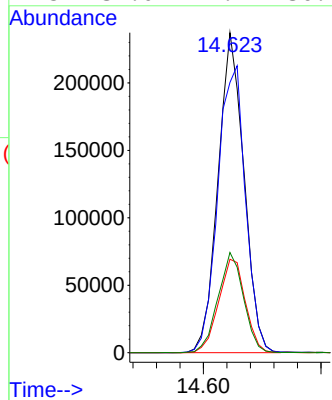
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

184 30.2 24.1 36.1

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 25.887 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025561.D

Acq: 07 Apr 2023 08:50

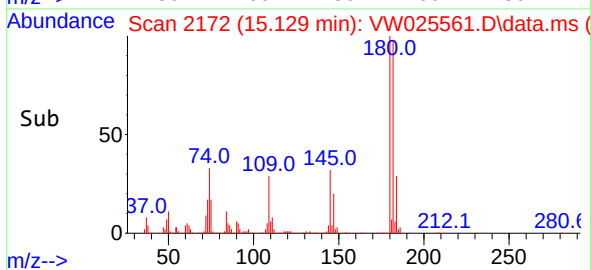
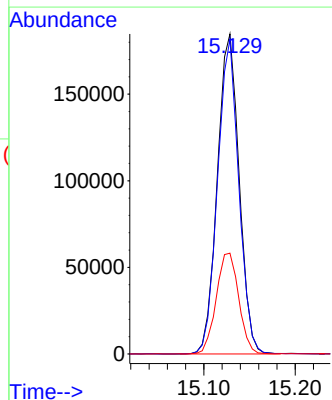
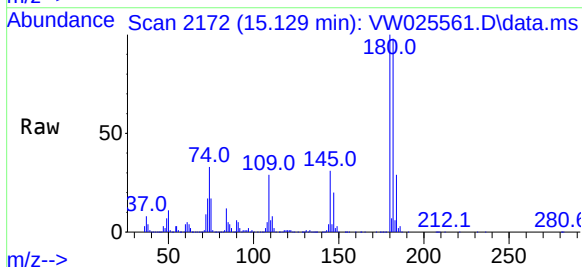
Tgt Ion:180 Resp: 306368

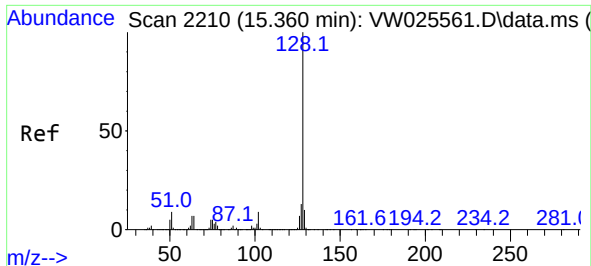
Ion Ratio Lower Upper

180 100

182 95.6 79.5 119.3

145 32.6 27.4 41.0



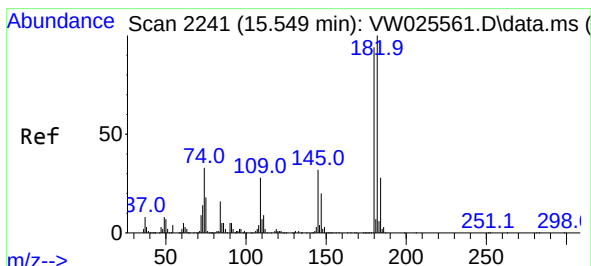
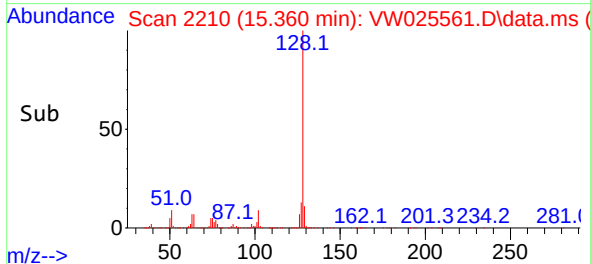
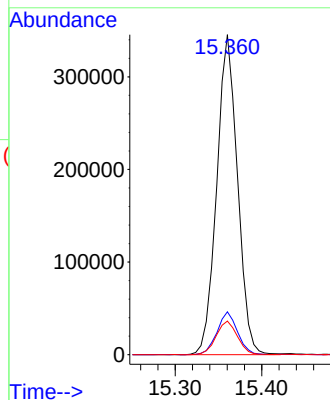
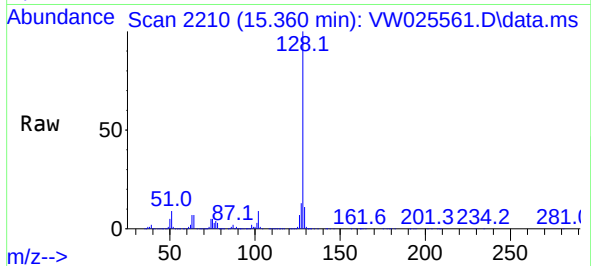


#71
Naphthalene
Concen: 26.069 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion:128 Resp: 575682

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.582 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025561.D
Acq: 07 Apr 2023 08:50

Tgt Ion:180 Resp: 254356

Ion	Ratio	Lower	Upper
180	100		
182	103.2	72.9	109.3
145	36.9	27.0	40.6

