

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026673.D
 Acq On : 10 Aug 2023 11:32
 Operator : SY/MD
 Sample : VSTD05023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050423

Quant Time: Aug 11 01:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	496591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	472869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	405581	49.683	ug/L	0.00
7) Chloroethane-d5	2.893	69	304462	50.771	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	201681	50.232	ug/L	0.00
21) 2-Butanone-d5	7.081	46	234458	100.503	ug/L	0.00
24) Chloroform-d	7.648	84	837953	50.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	462248	50.257	ug/L	0.00
32) Benzene-d6	8.276	84	1709022	52.440	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	527730	51.986	ug/L	0.00
41) Toluene-d8	10.319	98	1504719	53.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	227882	54.369	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	126917	118.983	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	426164	53.159	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	482417	51.311	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	361709	52.894	ug/L	97
3) Chloromethane	2.229	50	481612	52.166	ug/L	99
5) Vinyl chloride	2.375	62	465752	52.771	ug/L	99
6) Bromomethane	2.789	94	258512	50.200	ug/L	98
8) Chloroethane	2.936	64	274467	51.901	ug/L	98
9) Trichlorofluoromethane	3.259	101	400961	55.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	395502	51.057	ug/L	95
12) 1,1-Dichloroethene	4.051	96	392762	53.510	ug/L	96
13) Acetone	4.125	43	183917	79.584	ug/L	97
14) Carbon disulfide	4.393	76	1380785	52.290	ug/L	99
15) Methyl Acetate	4.673	43	245954	52.631	ug/L	99
16) Methylene chloride	4.923	84	437227	45.516	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	428073	52.263	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	680061	54.874	ug/L	99
19) 1,1-Dichloroethane	6.222	63	866836	51.421	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	464418	52.752	ug/L	100
22) 2-Butanone	7.173	43	331108	96.307	ug/L	98
23) Bromochloromethane	7.514	128	193310	50.831	ug/L	94
25) Chloroform	7.679	83	798941	49.057	ug/L	97
27) 1,2-Dichloroethane	8.398	62	575452	50.650	ug/L	100
29) Cyclohexane	7.959	56	847872	57.980	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	647272	52.448	ug/L	100
31) Carbon tetrachloride	8.069	117	599145	53.098	ug/L	96
33) Benzene	8.325	78	1822631	52.929	ug/L	100
34) Trichloroethene	9.093	95	463622	52.862	ug/L	97
35) Methylcyclohexane	9.337	83	855775	57.037	ug/L	100
37) 1,2-Dichloropropane	9.368	63	492372	52.201	ug/L	100
38) Bromodichloromethane	9.642	83	584860	52.857	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	779348	57.435	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	689887	112.444	ug/L	98
42) Toluene	10.386	91	1905599	54.704	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	650674	55.712	ug/L	98

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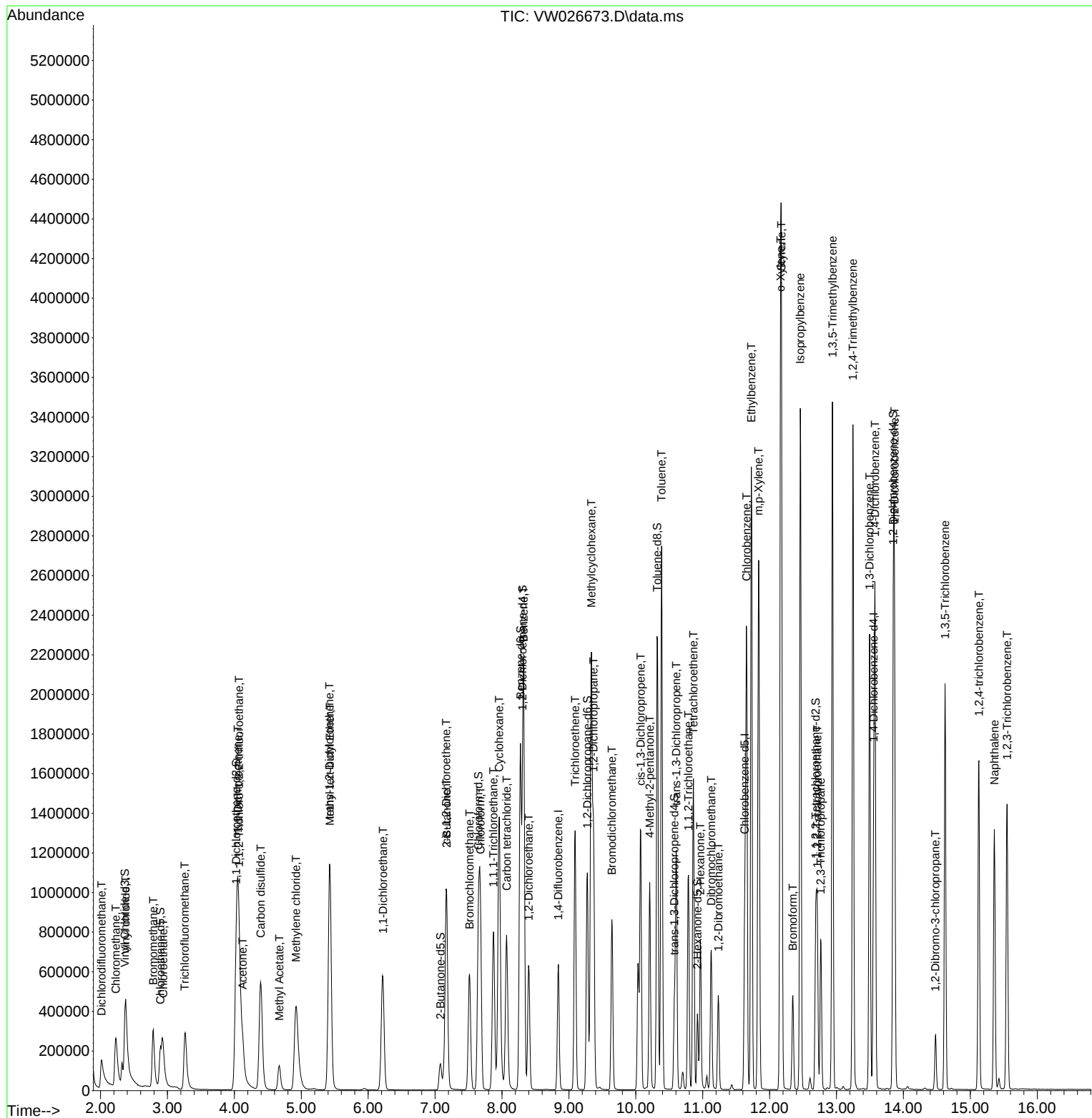
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	342670	53.121	ug/L	98
46) Tetrachloroethene	10.861	164	331282	51.993	ug/L	90
48) 2-Hexanone	10.965	43	481561	115.350	ug/L	99
49) Dibromochloromethane	11.129	129	366691	54.350	ug/L	98
50) 1,2-Dibromoethane	11.233	107	323034	53.370	ug/L	92
51) Chlorobenzene	11.654	112	1136652	51.657	ug/L	95
52) Ethylbenzene	11.727	91	2185067	55.936	ug/L	99
53) m,p-Xylene	11.837	106	821695	56.779	ug/L	91
54) o-Xylene	12.166	106	757471	56.082	ug/L	94
55) Styrene	12.178	104	1321115	56.255	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	434840	53.226	ug/L	99
59) Bromoform	12.349	173	215537	52.381	ug/L	98
60) Isopropylbenzene	12.458	105	2152626	55.120	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	320399	50.285	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1730806	56.071	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1709723	56.522	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	881499	51.901	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	892599	50.359	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	790337	51.172	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	76802	50.397	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	580718	50.609	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	493271	50.702	ug/L	94
71) Naphthalene	15.360	128	1052953	56.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	452898	51.613	ug/L	99

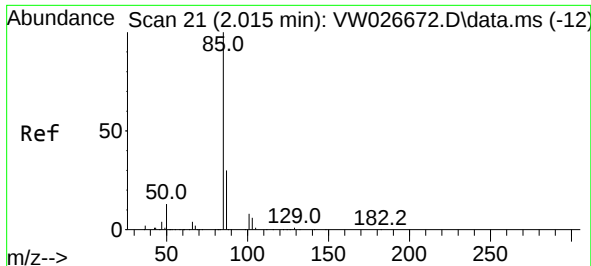
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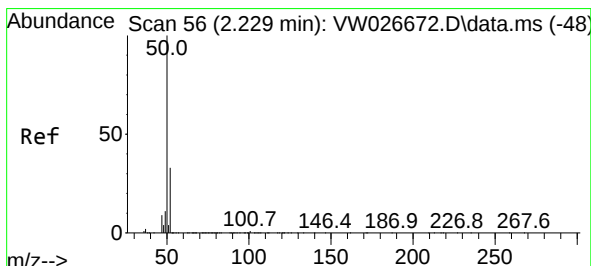
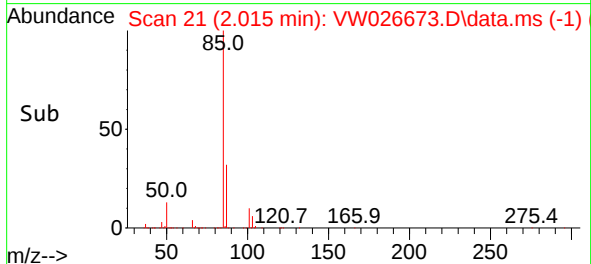
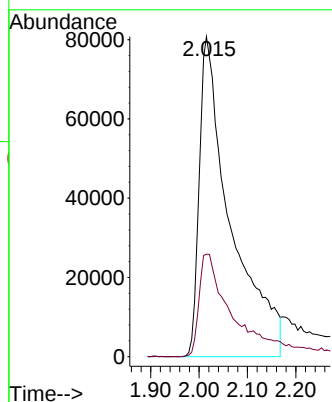
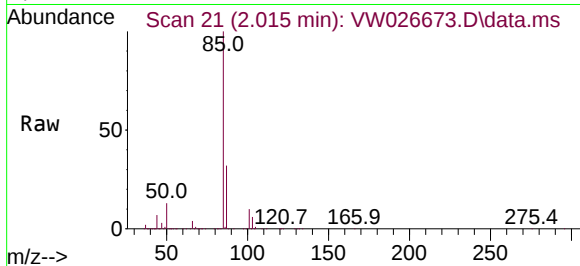




#2
 Dichlorodifluoromethane
 Concen: 52.894 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

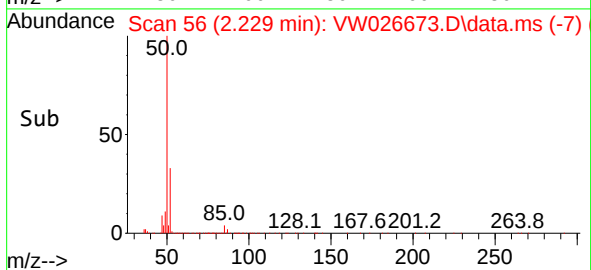
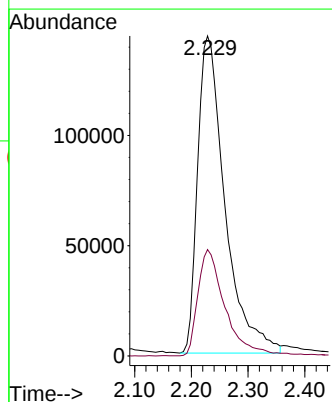
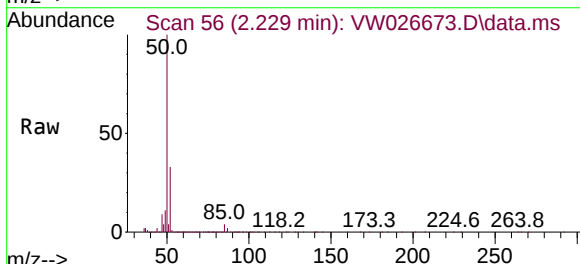
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 ClientSampleId :
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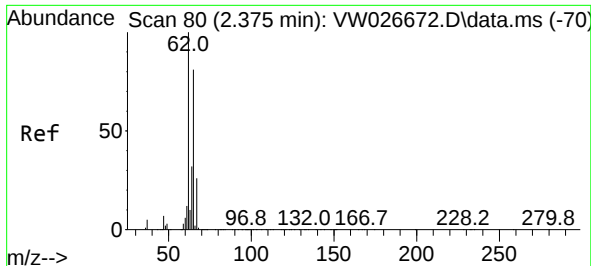
Tgt Ion: 85 Resp: 361709
 Ion Ratio Lower Upper
 85 100
 87 26.1 19.5 29.3



#3
 Chloromethane
 Concen: 52.166 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

Tgt Ion: 50 Resp: 481612
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8

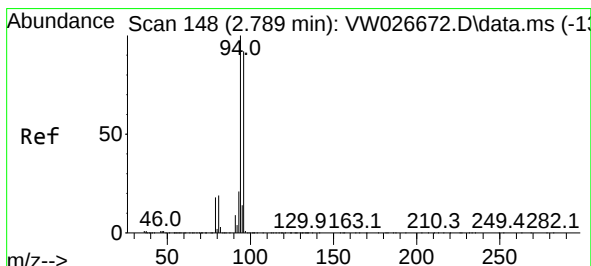
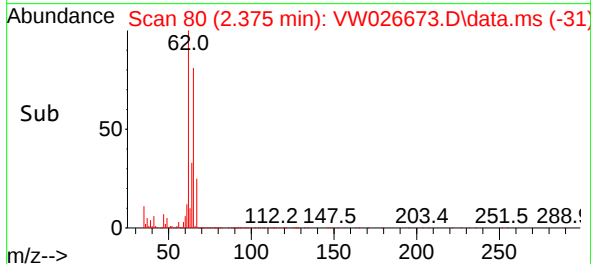
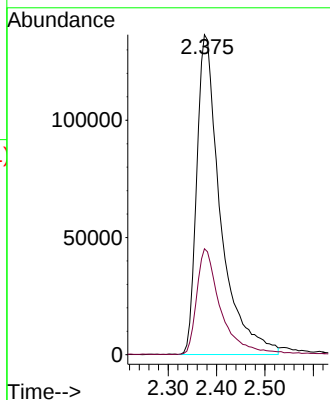
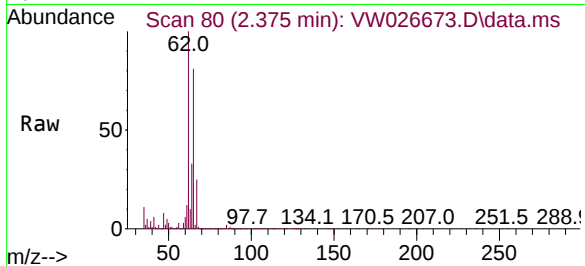




#5
 Vinyl chloride
 Concen: 52.771 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

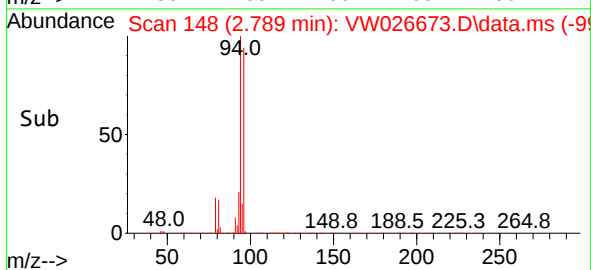
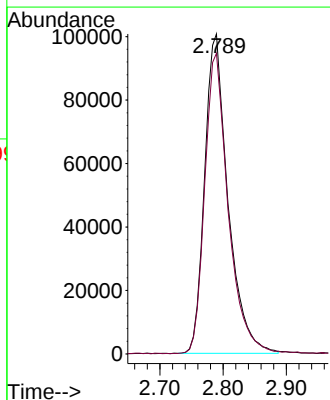
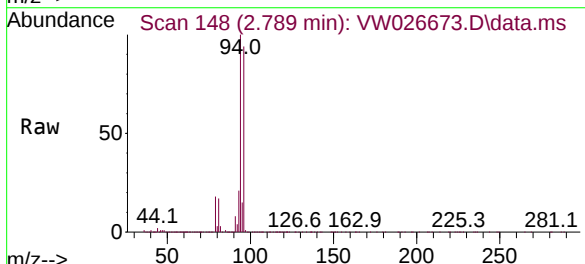
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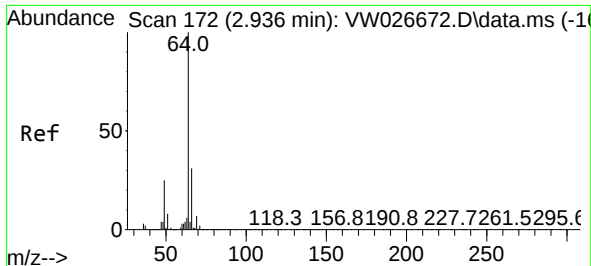
Tgt Ion: 62 Resp: 465752
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 50.200 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

Tgt Ion: 94 Resp: 258512
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.8 120.3

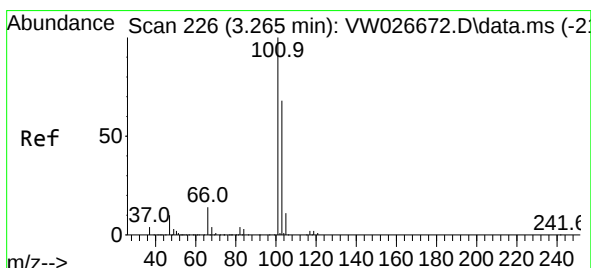
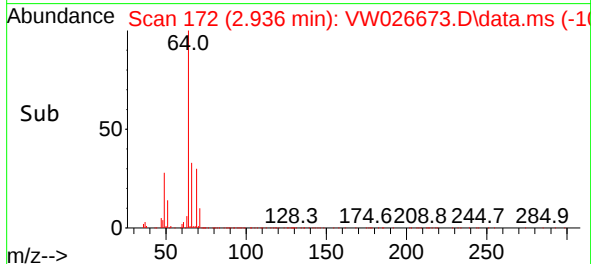
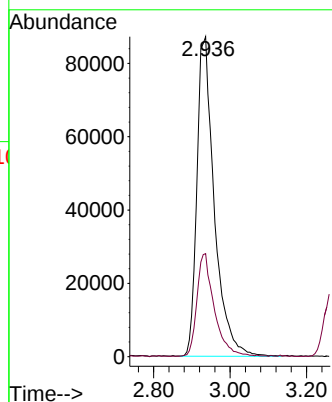
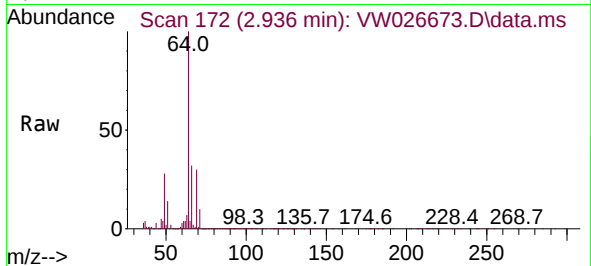




#8
Chloroethane
Concen: 51.901 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

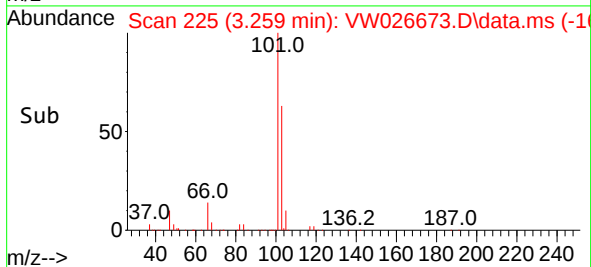
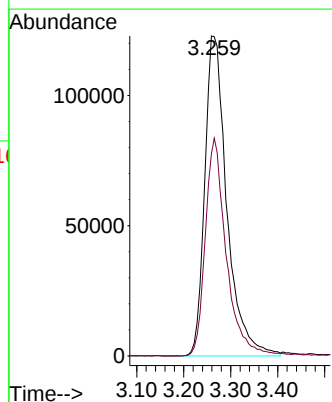
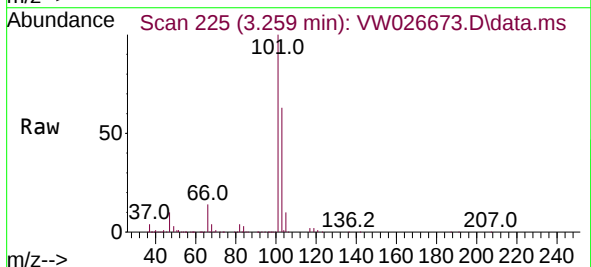
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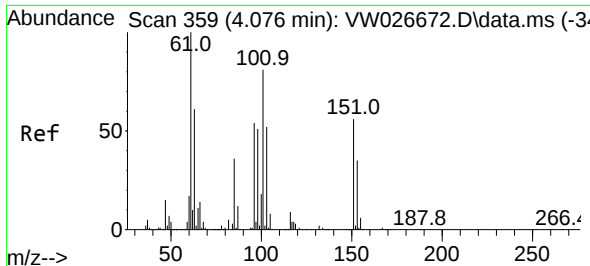
Tgt Ion: 64 Resp: 274467
Ion Ratio Lower Upper
64 100
66 32.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 55.358 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 101 Resp: 400961
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

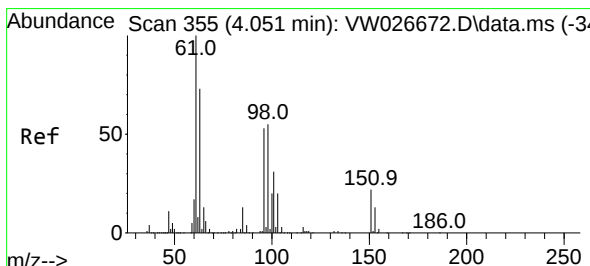
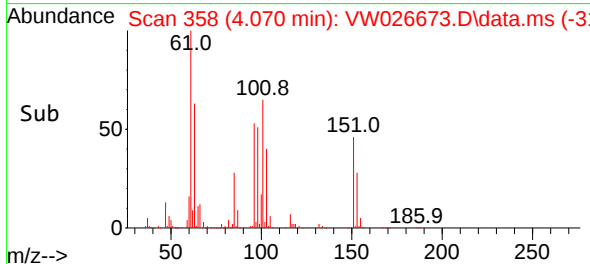
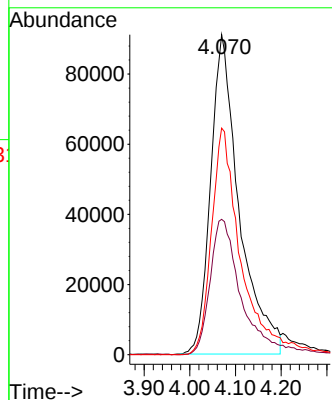
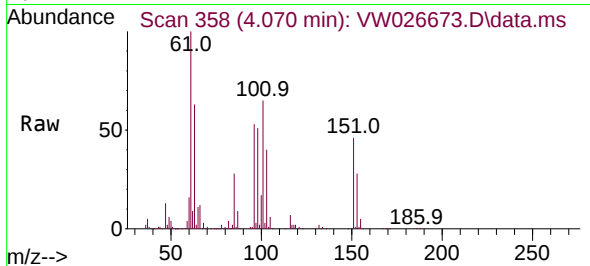




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.057 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

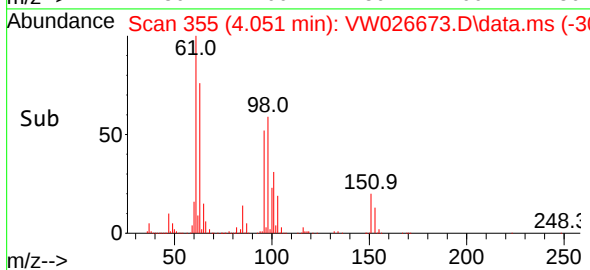
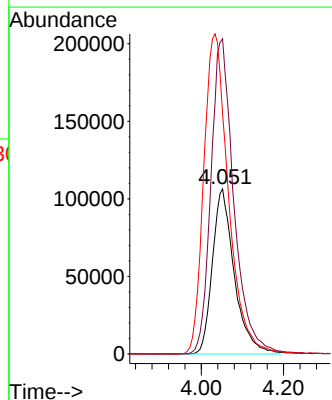
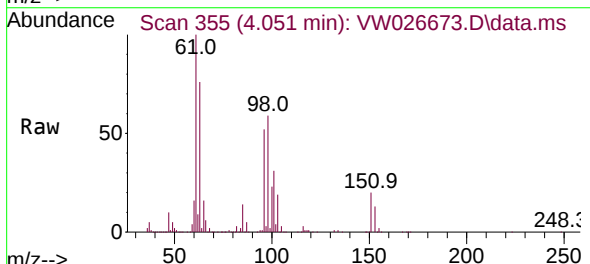
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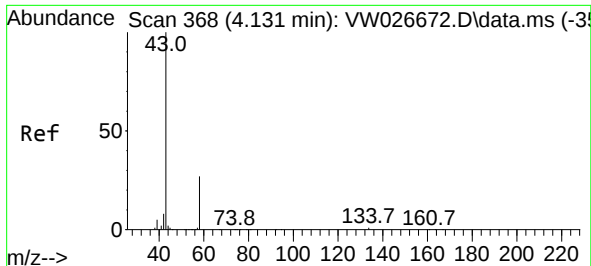
Tgt Ion:101 Resp: 395502
 Ion Ratio Lower Upper
 101 100
 85 45.3 32.8 49.2
 151 70.5 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 53.510 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

Tgt Ion: 96 Resp: 392762
 Ion Ratio Lower Upper
 96 100
 61 191.1 133.2 247.4
 63 145.6 109.0 202.4

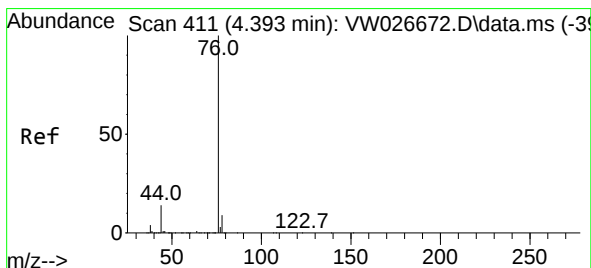
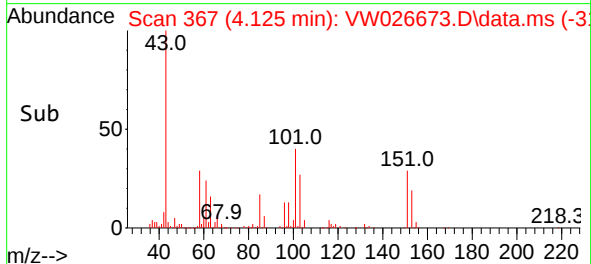
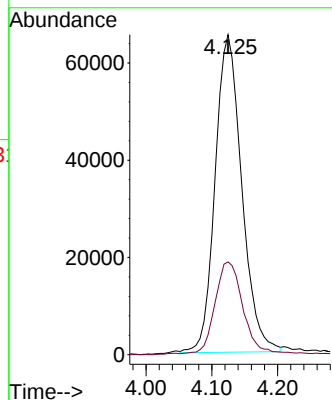
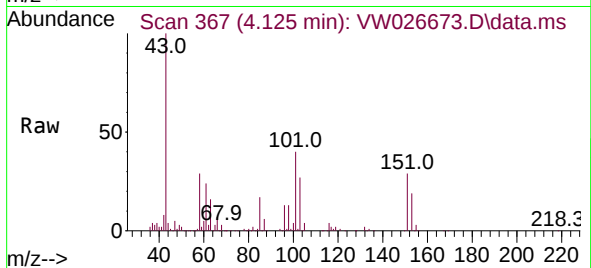




#13
Acetone
Concen: 79.584 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

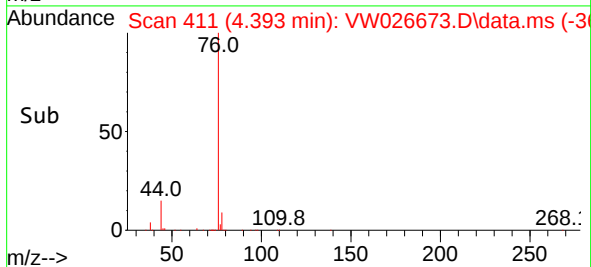
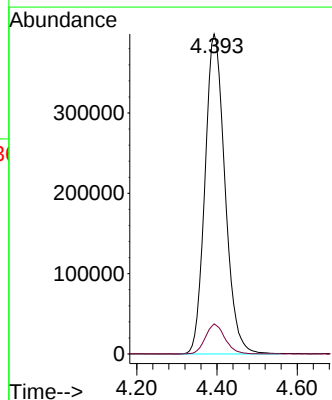
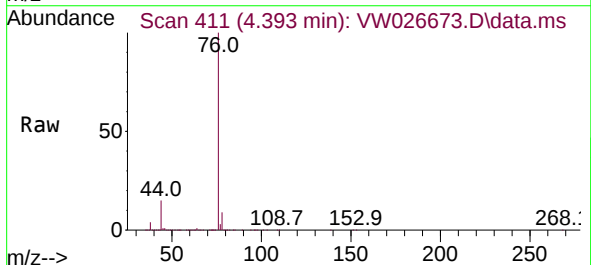
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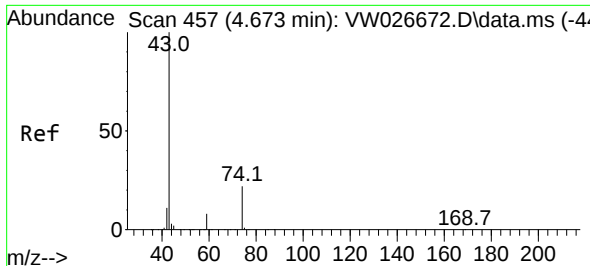
Tgt Ion: 43 Resp: 183917
Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.4



#14
Carbon disulfide
Concen: 52.290 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 1380785
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

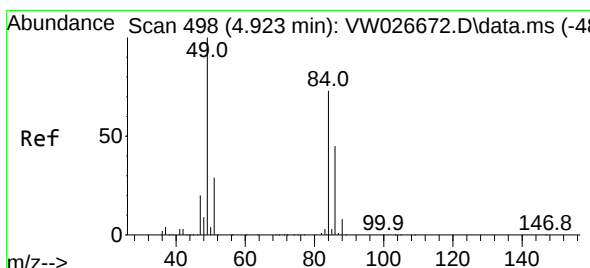
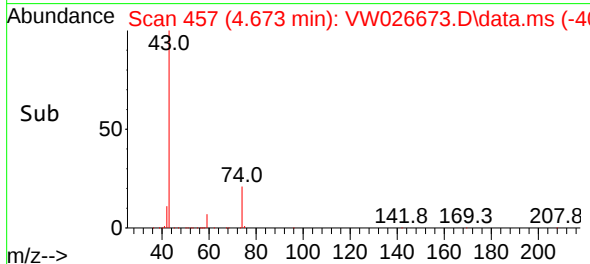
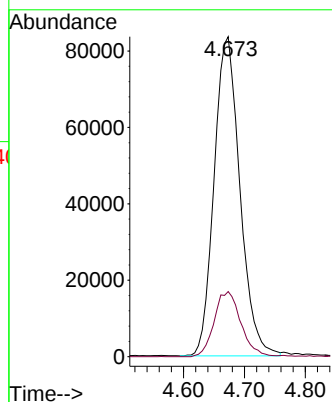
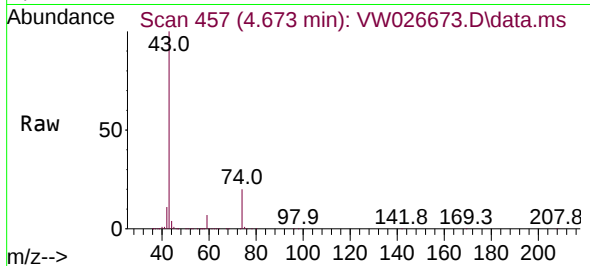




#15
Methyl Acetate
Concen: 52.631 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

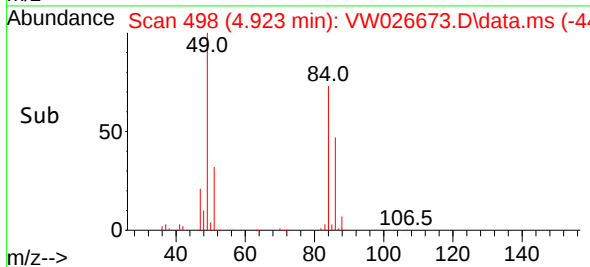
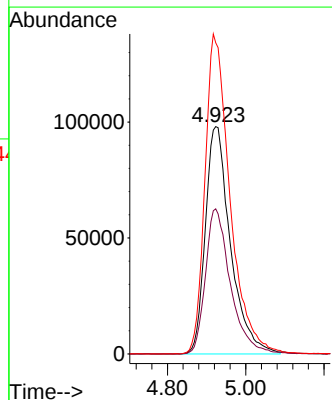
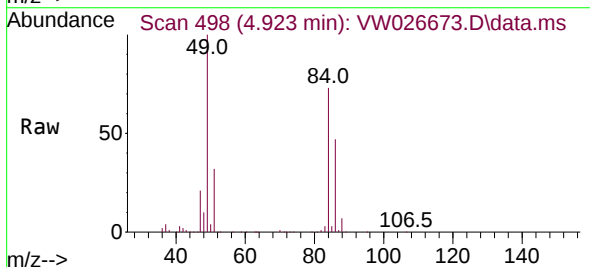
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

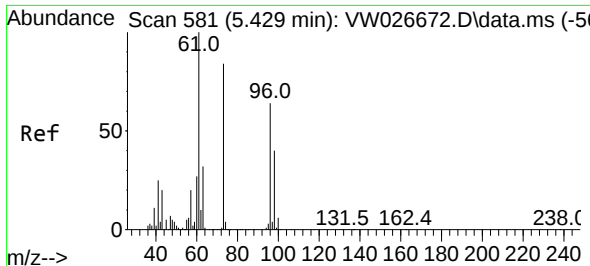
Tgt Ion: 43 Resp: 245954
Ion Ratio Lower Upper
43 100
74 21.1 16.4 24.6



#16
Methylene chloride
Concen: 45.516 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 84 Resp: 437227
Ion Ratio Lower Upper
84 100
86 63.9 43.5 80.9
49 136.9 96.0 178.2

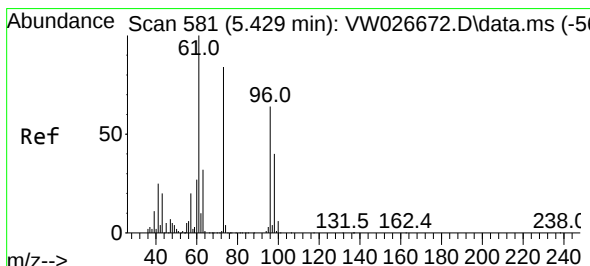
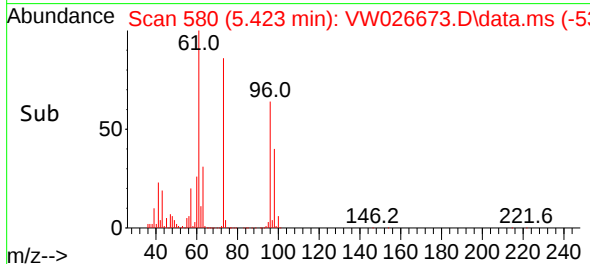
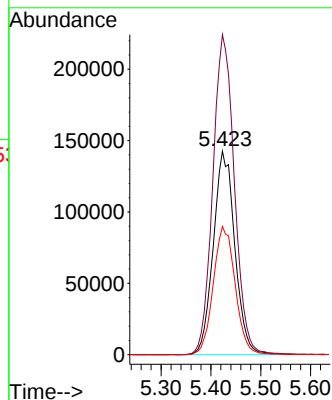
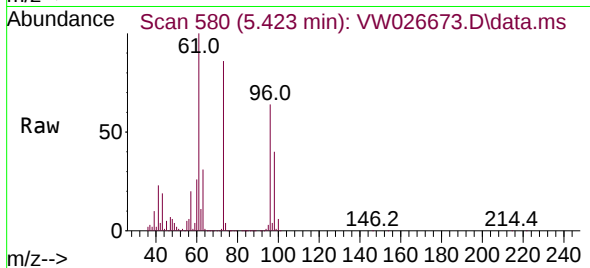




#17
trans-1,2-Dichloroethene
Concen: 52.263 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

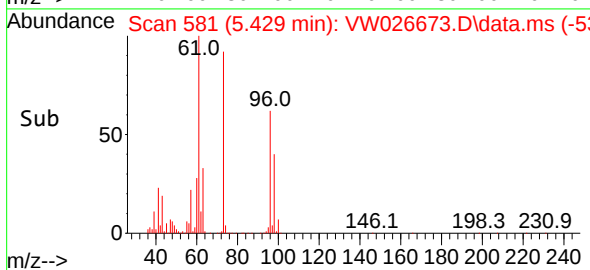
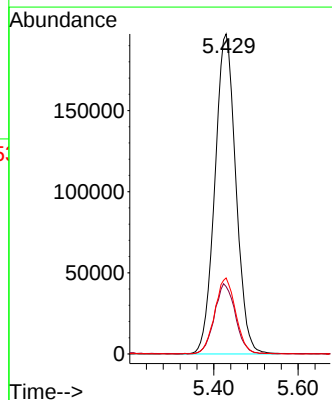
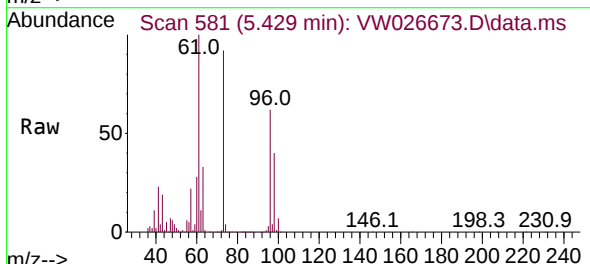
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

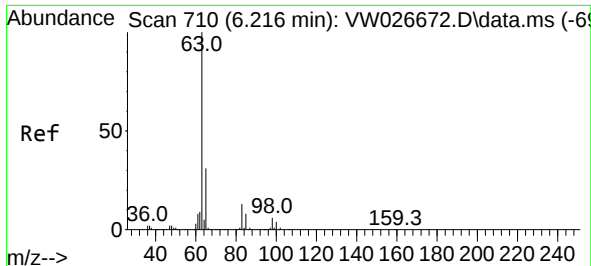
Tgt Ion: 96 Resp: 428073
Ion Ratio Lower Upper
96 100
61 157.3 109.4 203.2
98 63.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 54.874 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 73 Resp: 680061
Ion Ratio Lower Upper
73 100
43 22.0 18.0 27.0
57 23.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 51.421 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

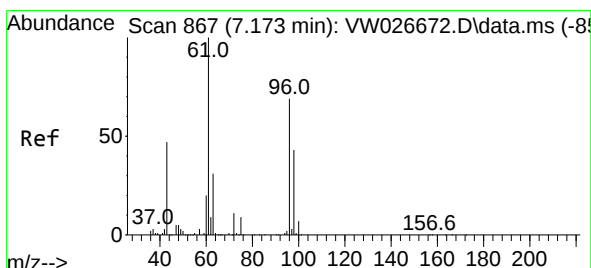
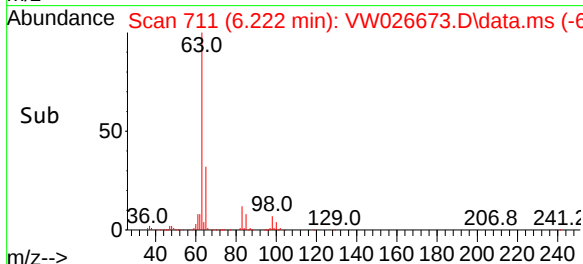
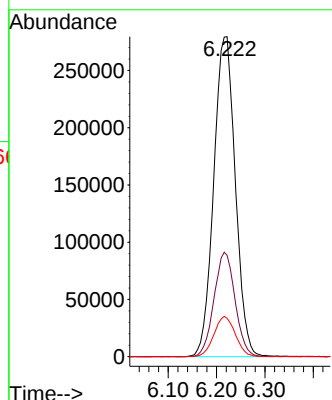
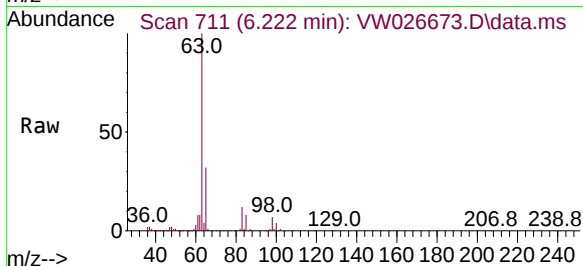
Tgt Ion: 63 Resp: 866836

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 12.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 52.752 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

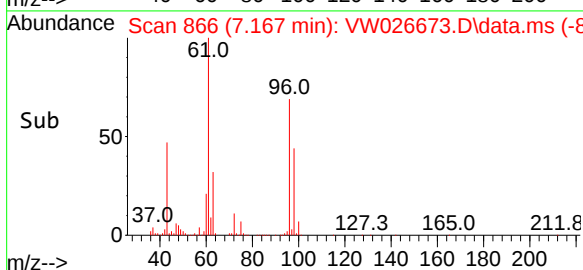
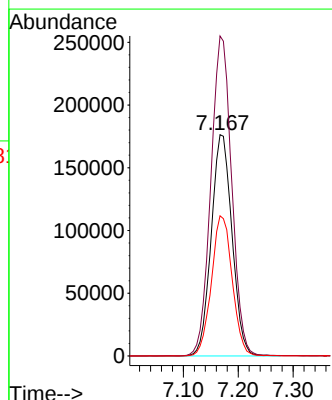
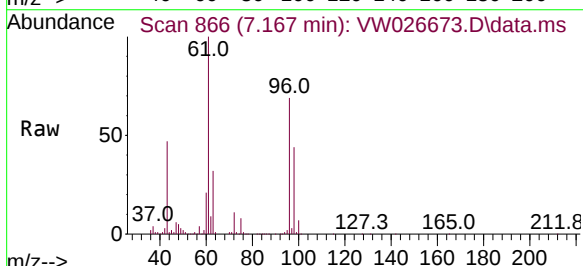
Tgt Ion: 96 Resp: 464418

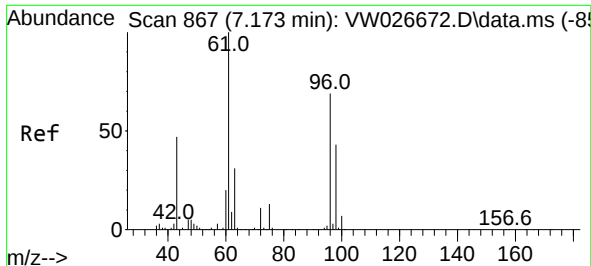
Ion Ratio Lower Upper

96 100

61 144.6 101.2 188.0

98 63.3 43.8 81.3

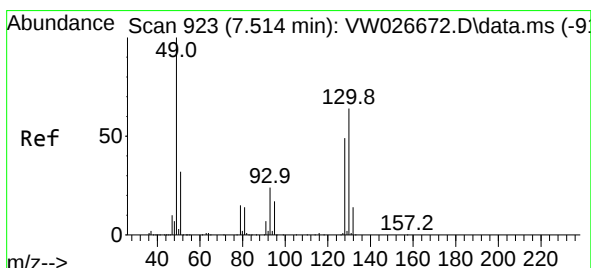
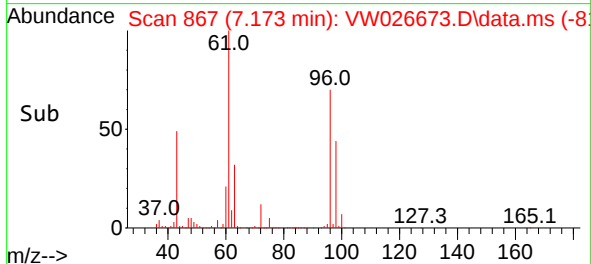
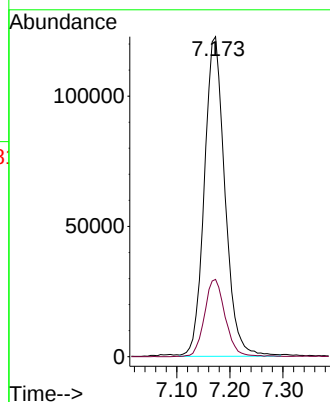
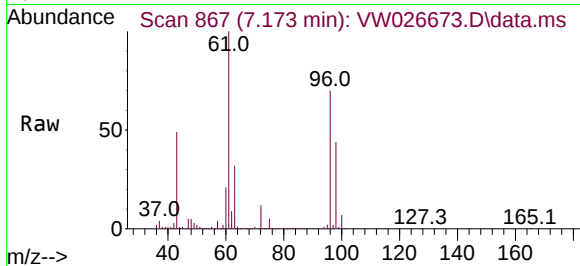




#22
2-Butanone
Concen: 96.307 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

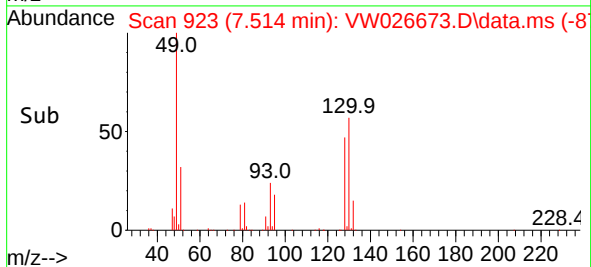
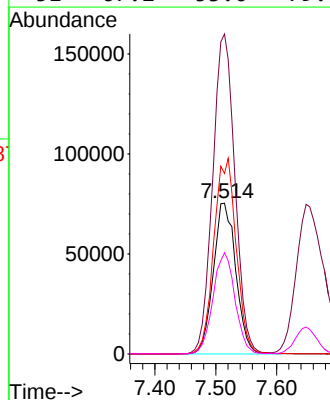
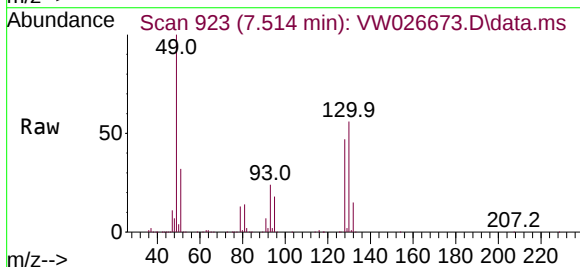
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

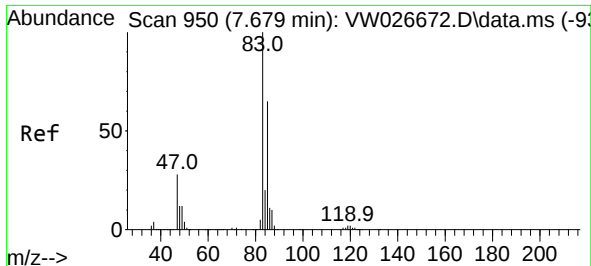
Tgt Ion: 43 Resp: 331108
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 50.831 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 128 Resp: 193310
Ion Ratio Lower Upper
128 100
49 212.2 143.1 265.7
130 119.7 91.8 170.4
51 67.2 53.0 79.4

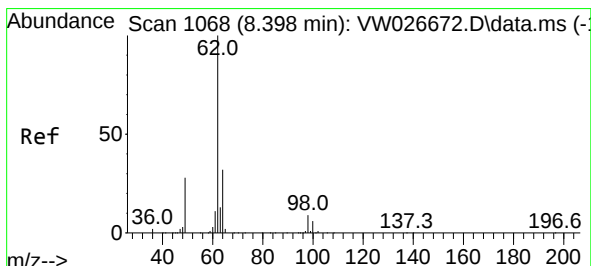
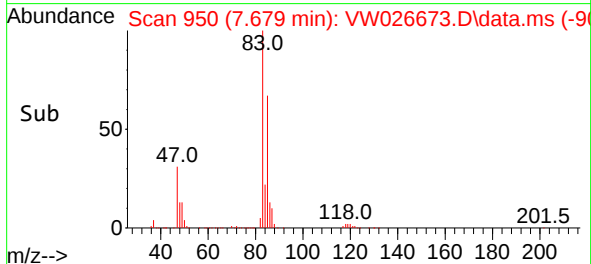
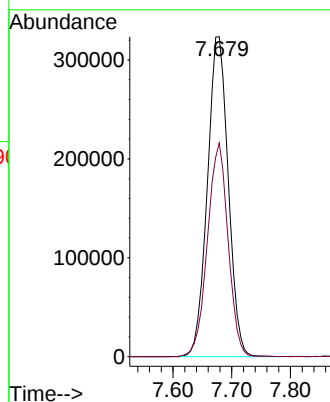
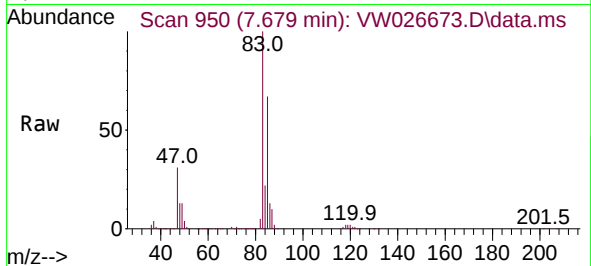




#25
Chloroform
Concen: 49.057 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

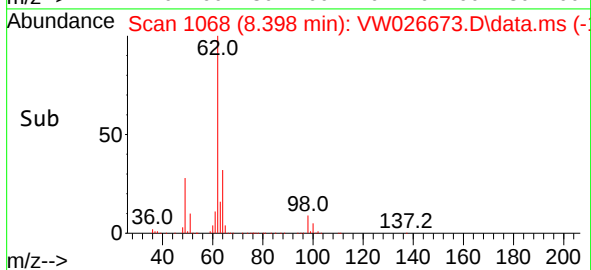
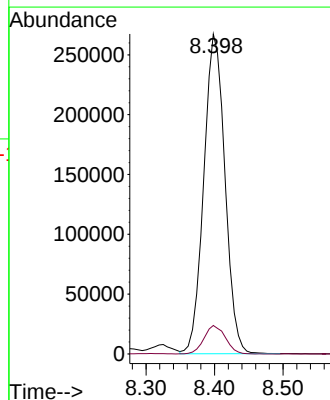
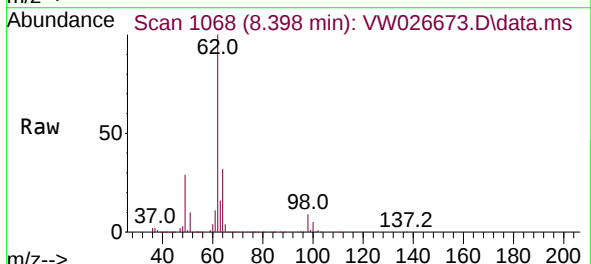
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

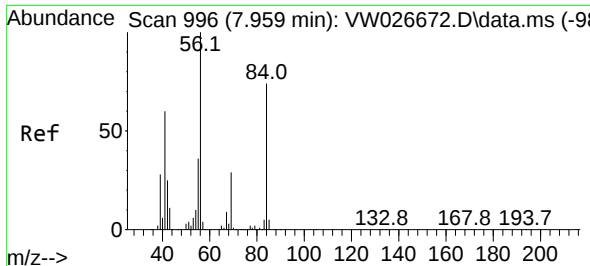
Tgt Ion: 83 Resp: 798941
Ion Ratio Lower Upper
83 100
85 66.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 50.650 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

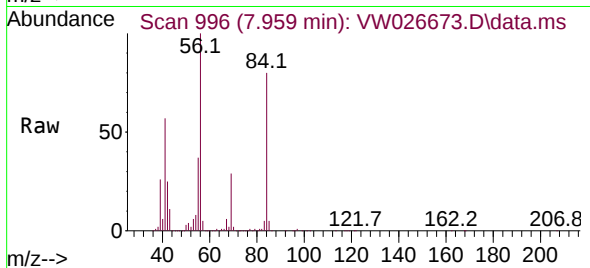
Tgt Ion: 62 Resp: 575452
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7



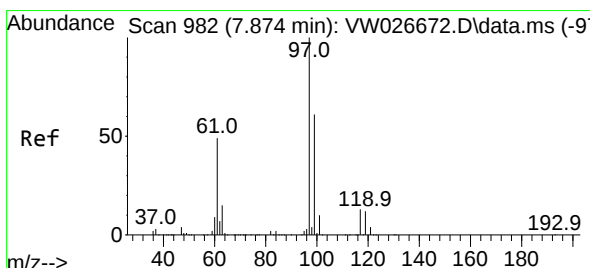
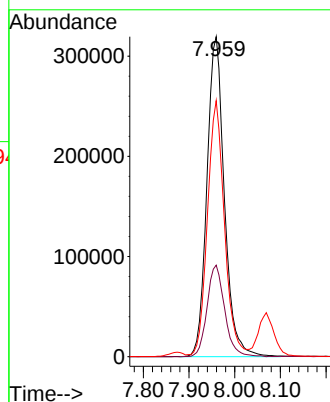
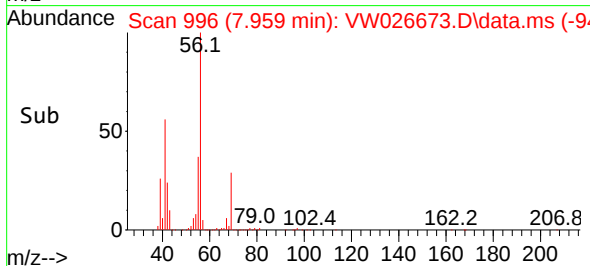


#29
Cyclohexane
Concen: 57.980 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

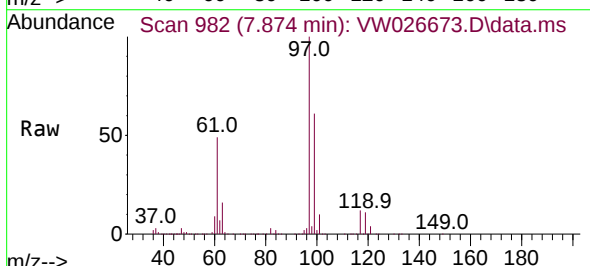
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423



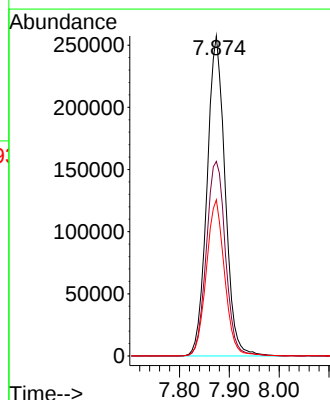
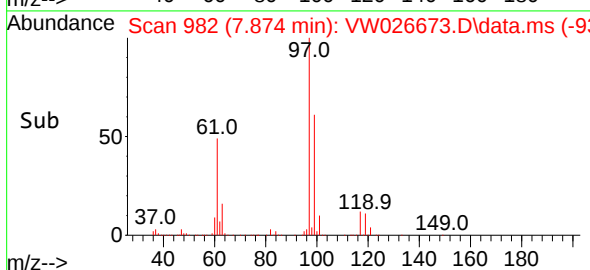
Tgt Ion:	56	Resp:	847872
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	77.9	62.7	94.1

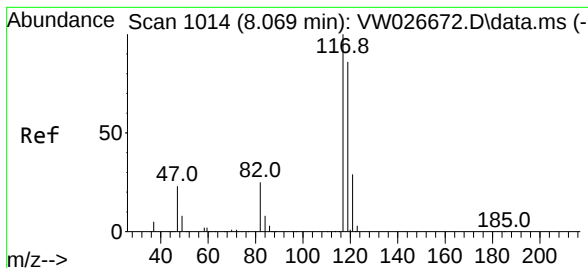


#30
1,1,1-Trichloroethane
Concen: 52.448 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32



Tgt Ion:	97	Resp:	647272
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.2	76.8
61	49.4	39.2	58.8

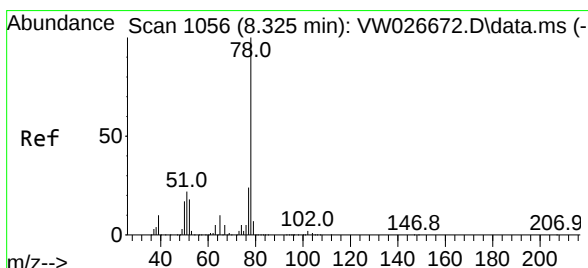
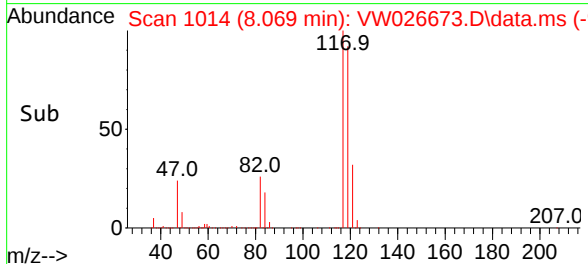
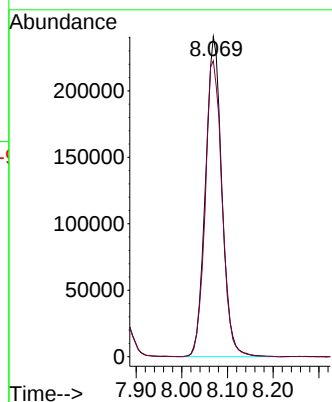
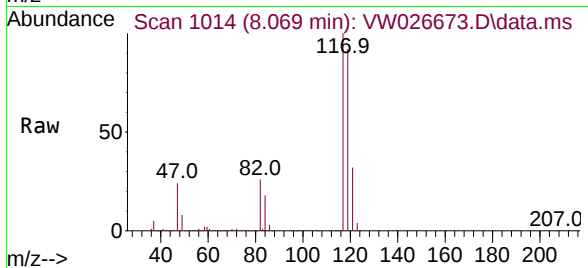




#31
Carbon tetrachloride
Concen: 53.098 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

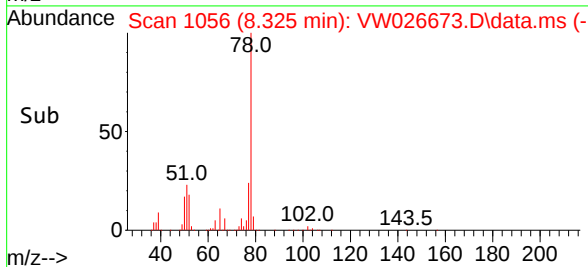
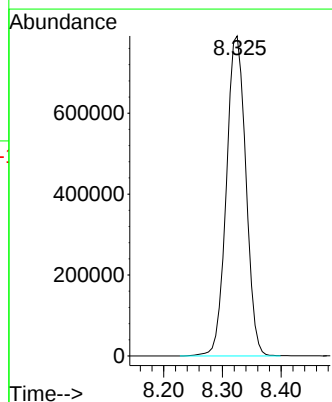
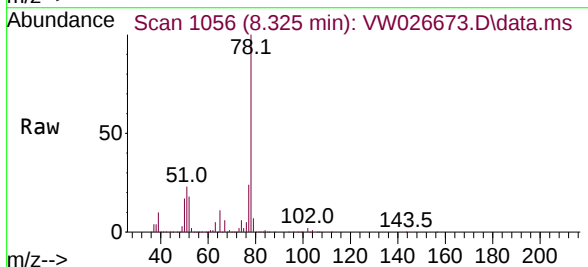
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

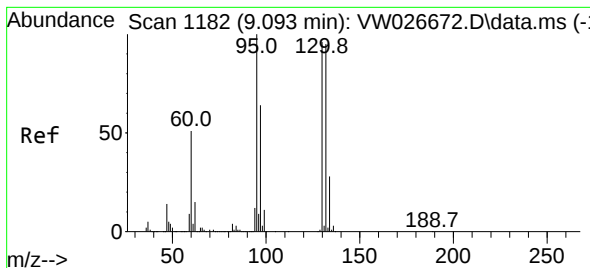
Tgt Ion:117 Resp: 599145
Ion Ratio Lower Upper
117 100
119 95.1 73.0 109.4



#33
Benzene
Concen: 52.929 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 78 Resp: 1822631





#34

Trichloroethene

Concen: 52.862 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

Tgt Ion: 95 Resp: 463622

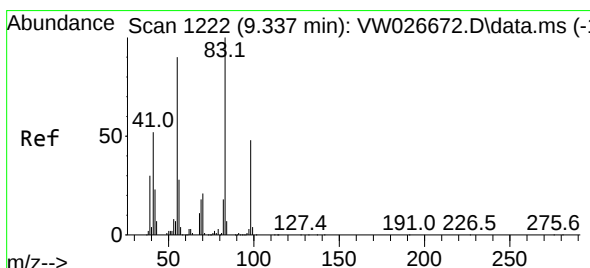
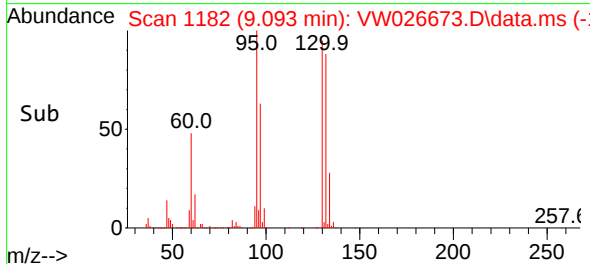
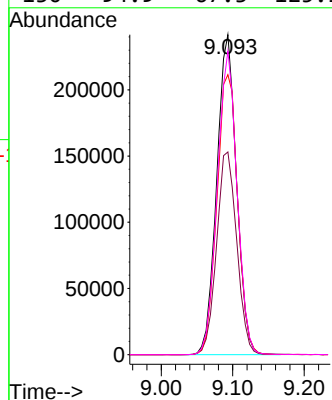
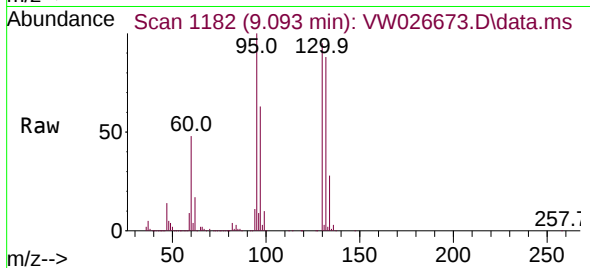
Ion Ratio Lower Upper

95 100

97 63.3 44.6 82.8

132 87.5 66.4 123.2

130 94.9 67.3 125.1



#35

Methylcyclohexane

Concen: 57.037 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

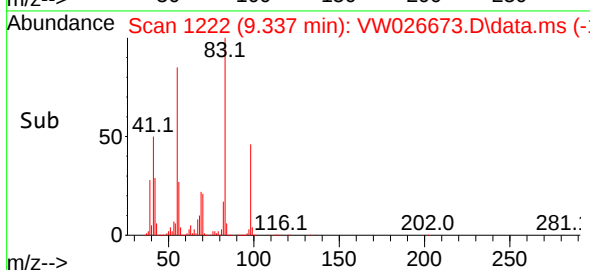
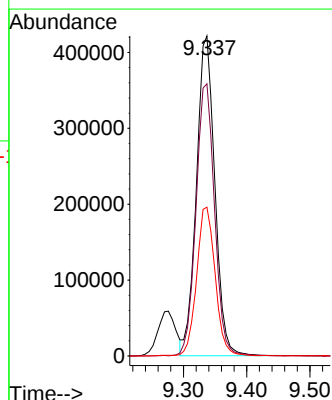
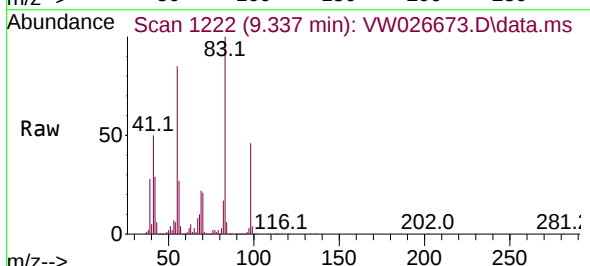
Tgt Ion: 83 Resp: 855775

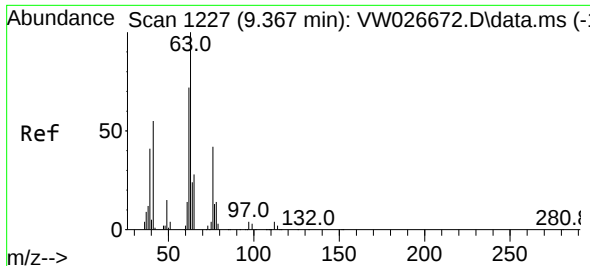
Ion Ratio Lower Upper

83 100

55 86.0 69.3 103.9

98 46.8 37.4 56.0





#37

1,2-Dichloropropane

Concen: 52.201 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

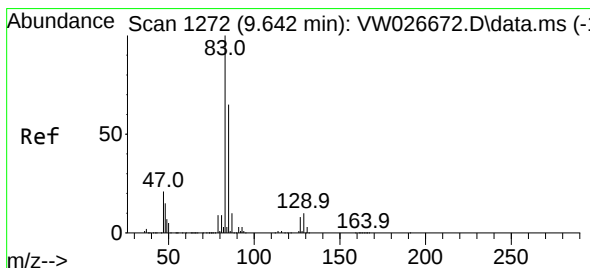
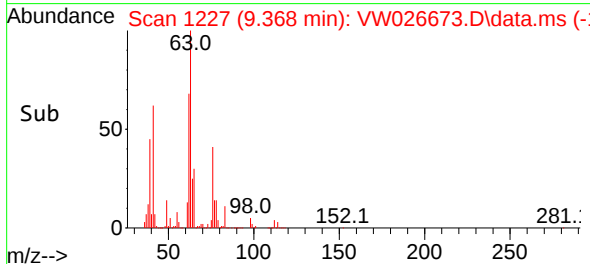
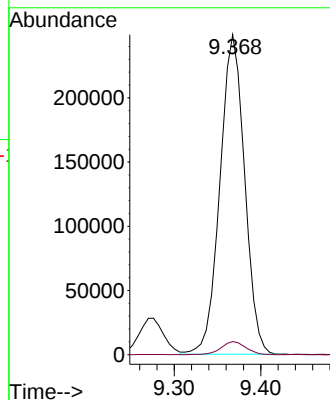
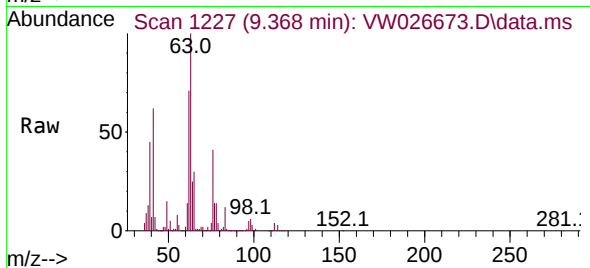
VSTD050423

Tgt Ion: 63 Resp: 492372

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 52.857 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

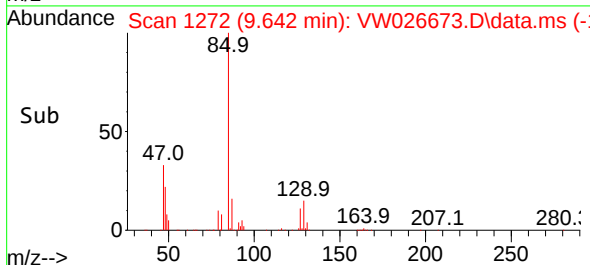
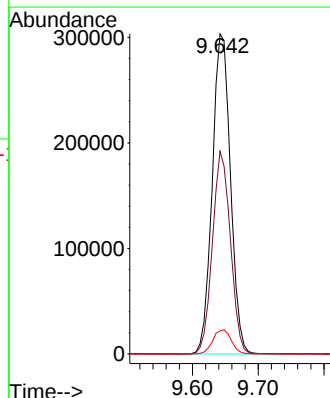
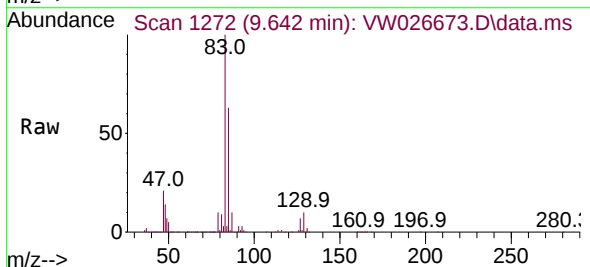
Tgt Ion: 83 Resp: 584860

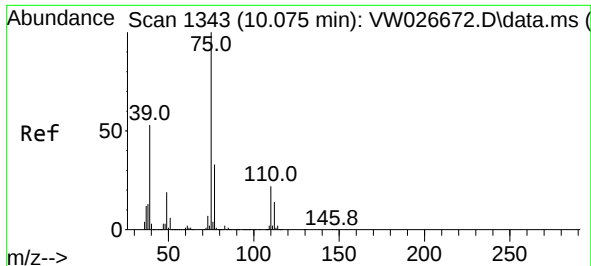
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.2

127 7.2 6.2 9.2

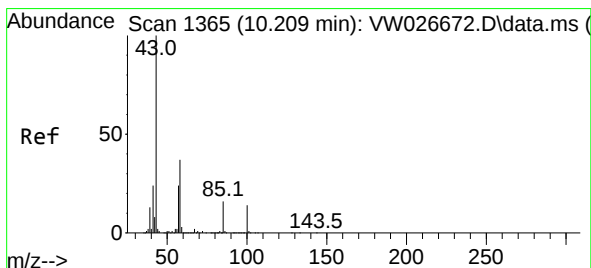
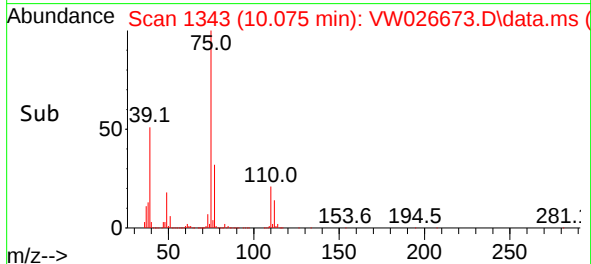
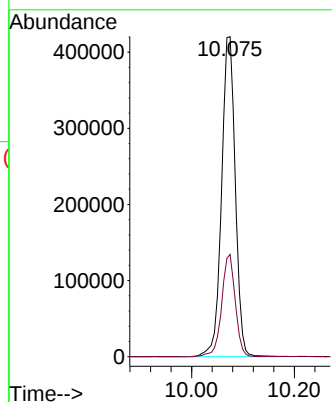
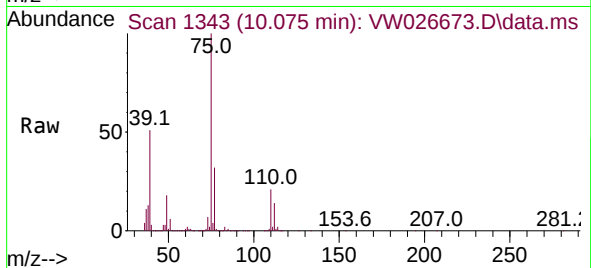




#39
 cis-1,3-Dichloropropene
 Concen: 57.435 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

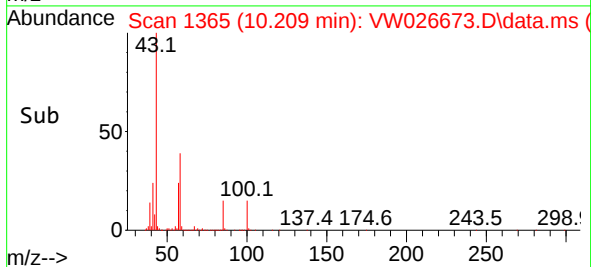
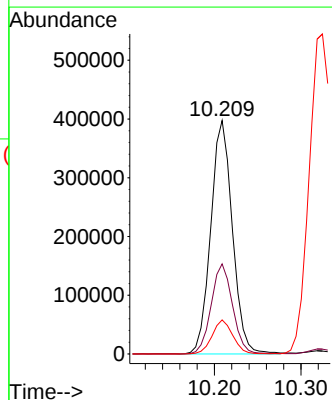
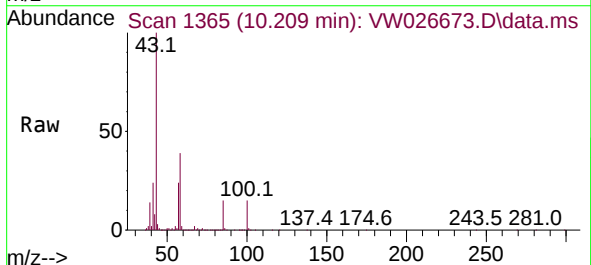
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050423

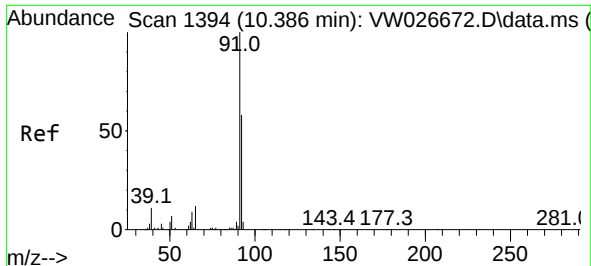
Tgt Ion: 75 Resp: 779348
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 112.444 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026673.D
 Acq: 10 Aug 2023 11:32

Tgt Ion: 43 Resp: 689887
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.2 43.8
 100 14.0 10.7 16.1

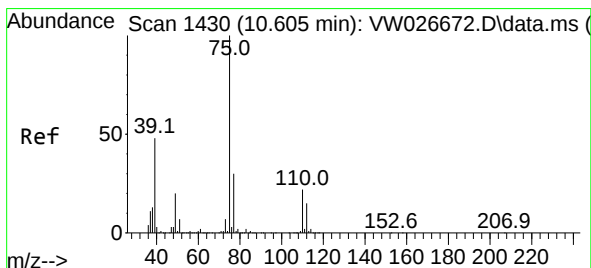
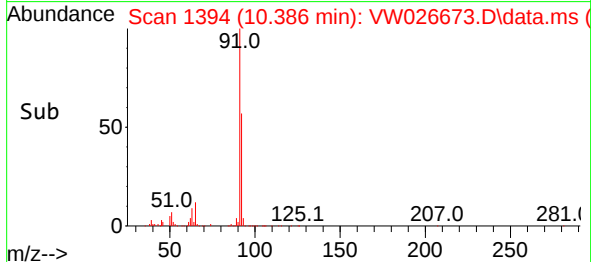
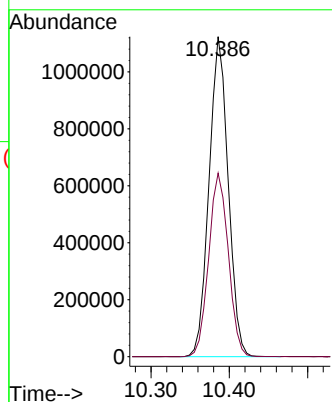
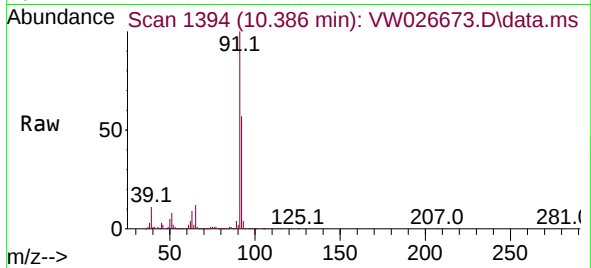




#42
Toluene
Concen: 54.704 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

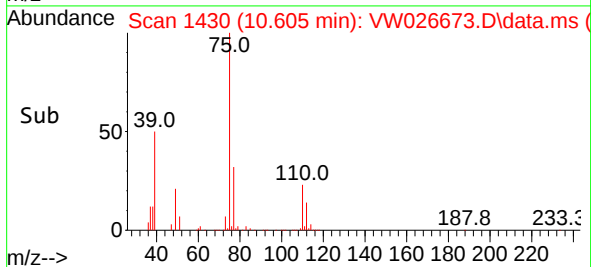
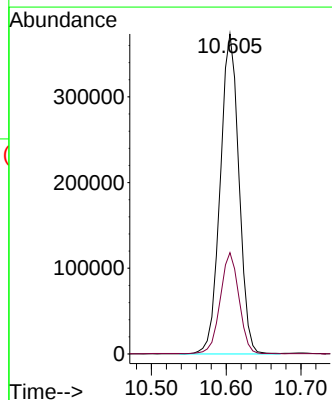
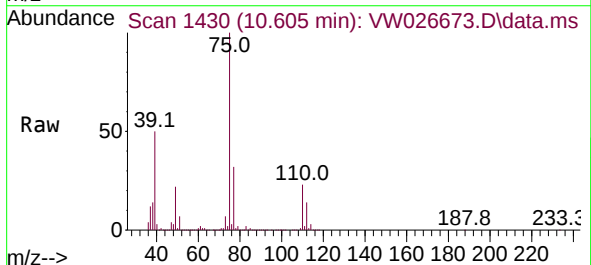
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

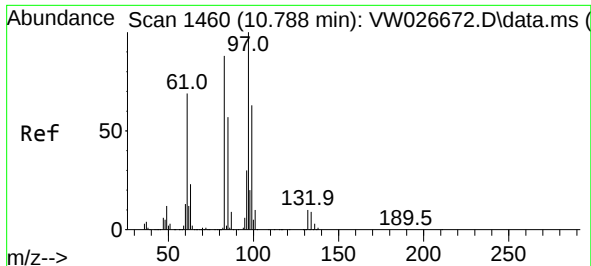
Tgt Ion: 91 Resp: 1905599
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 55.712 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 75 Resp: 650674
Ion Ratio Lower Upper
75 100
77 31.6 21.2 39.4



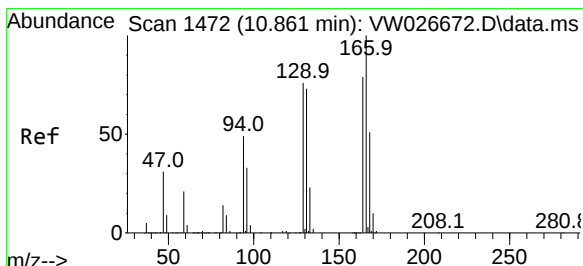
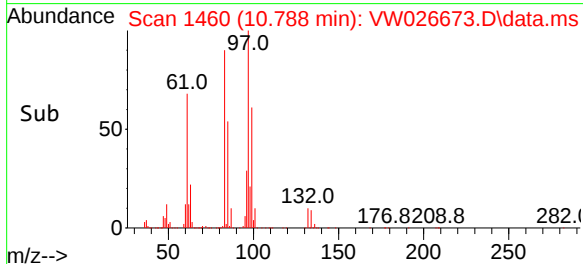
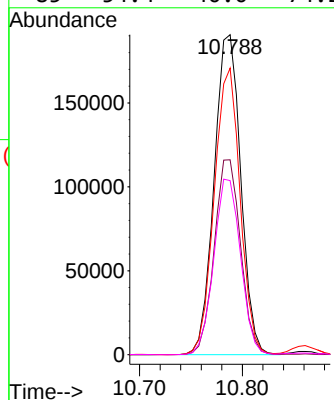
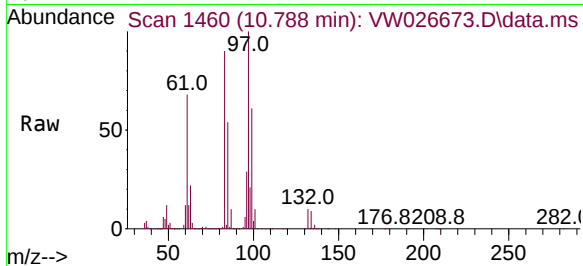


#45
1,1,2-Trichloroethane
Concen: 53.121 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

Tgt Ion: 97 Resp: 342670

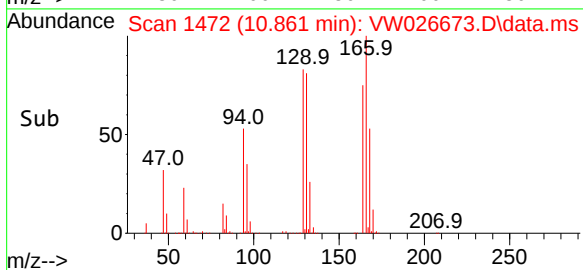
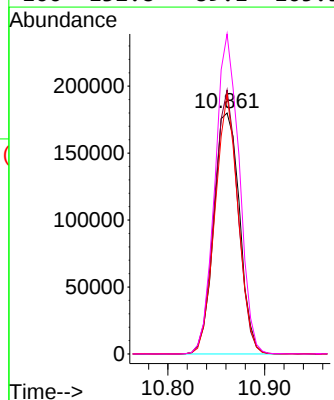
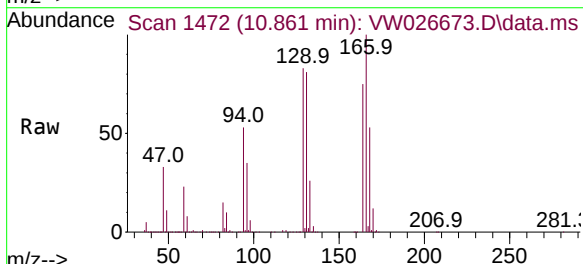
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.2	82.0
83	89.6	61.9	114.9
85	54.4	40.0	74.2

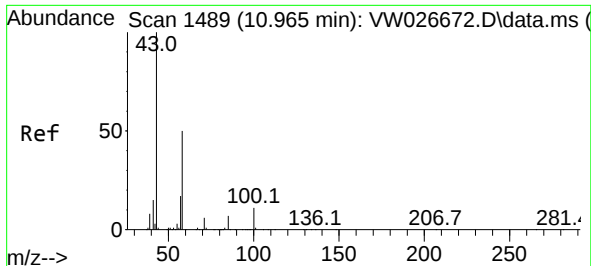


#46
Tetrachloroethene
Concen: 51.993 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 164 Resp: 331282

Ion	Ratio	Lower	Upper
164	100		
129	109.6	68.1	126.5
131	107.8	65.5	121.7
166	132.8	89.1	165.5

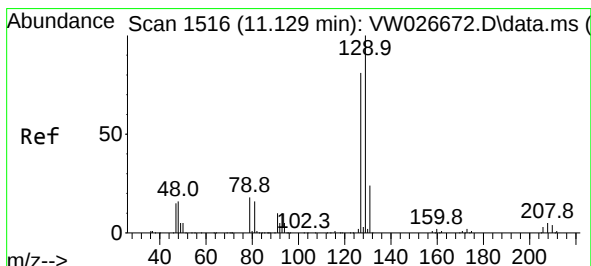
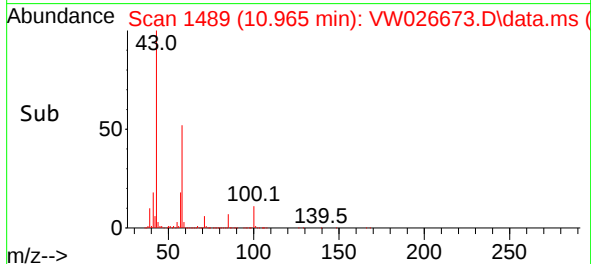
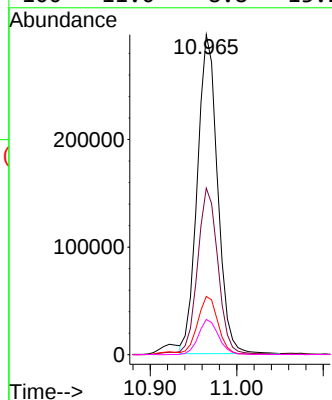
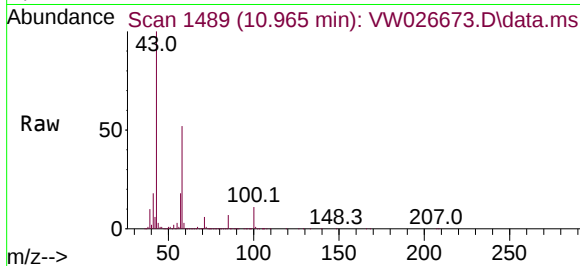




#48
2-Hexanone
Concen: 115.350 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

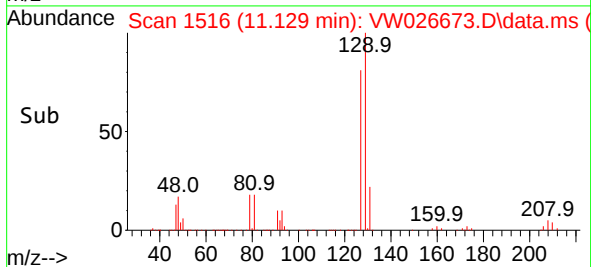
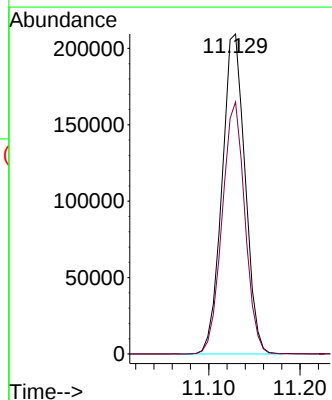
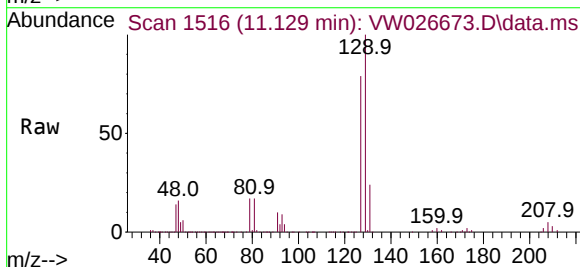
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

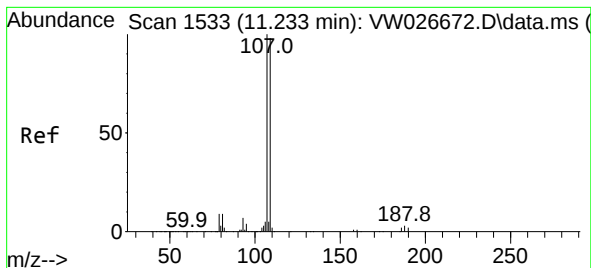
Tgt Ion: 43 Resp: 481561
Ion Ratio Lower Upper
43 100
58 52.6 41.1 61.7
57 18.2 14.3 21.5
100 11.0 8.8 13.2



#49
Dibromochloromethane
Concen: 54.350 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 129 Resp: 366691
Ion Ratio Lower Upper
129 100
127 78.7 56.6 105.2





#50

1,2-Dibromoethane

Concen: 53.370 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

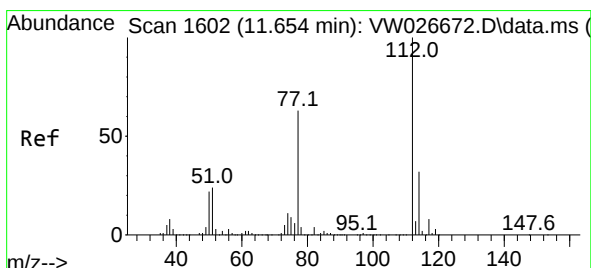
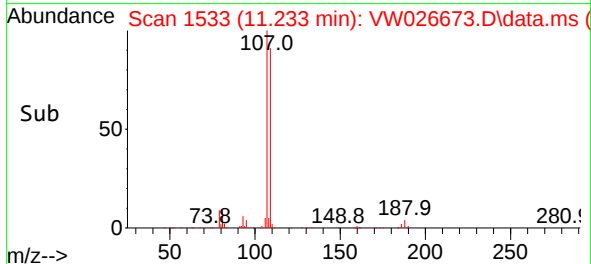
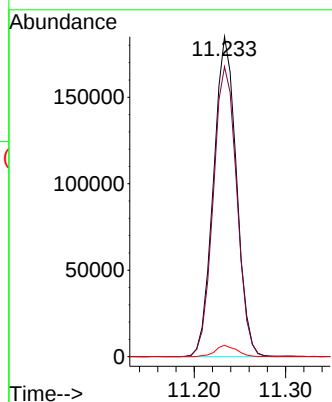
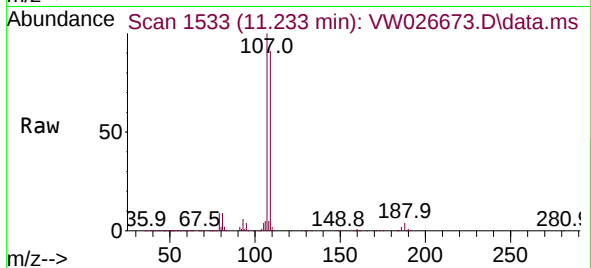
Tgt Ion:107 Resp: 323034

Ion Ratio Lower Upper

107 100

109 90.6 68.8 127.8

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 51.657 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

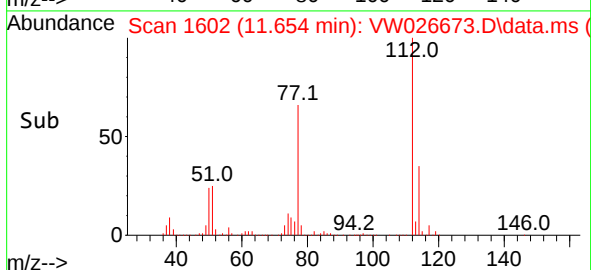
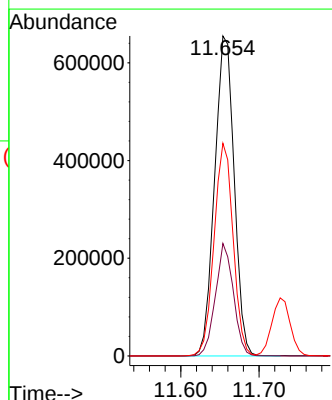
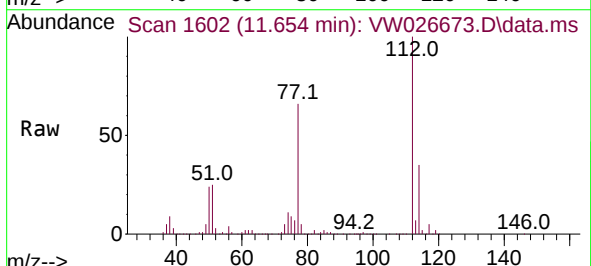
Tgt Ion:112 Resp: 1136652

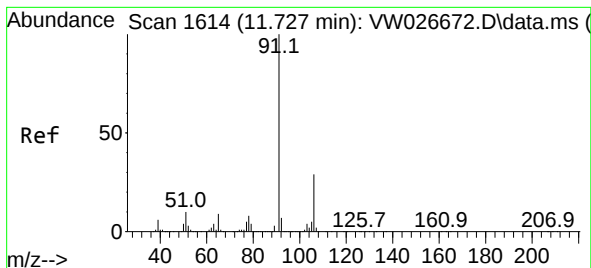
Ion Ratio Lower Upper

112 100

114 35.1 22.4 41.6

77 66.4 50.2 75.2

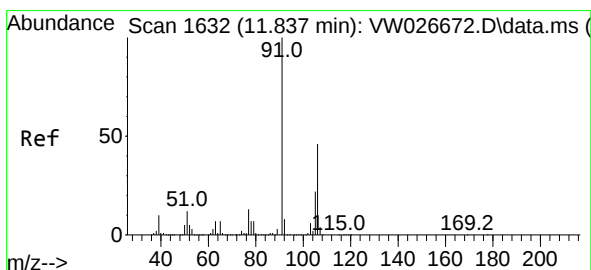
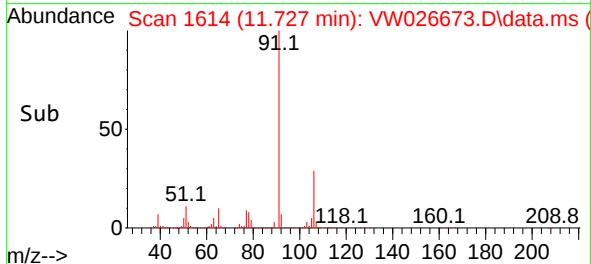
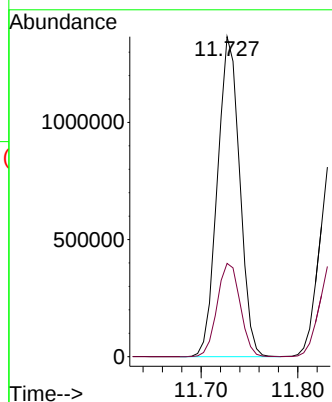
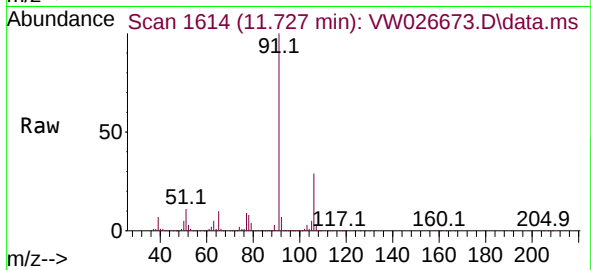




#52
Ethylbenzene
Concen: 55.936 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

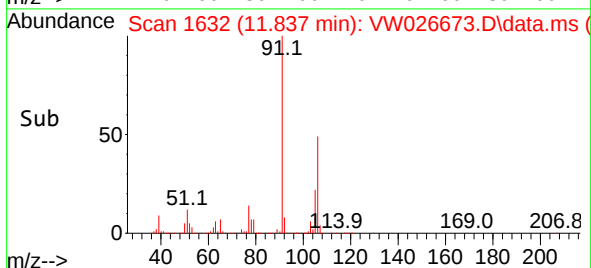
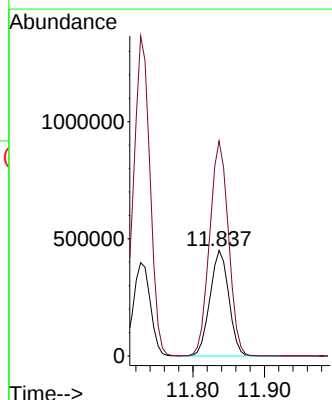
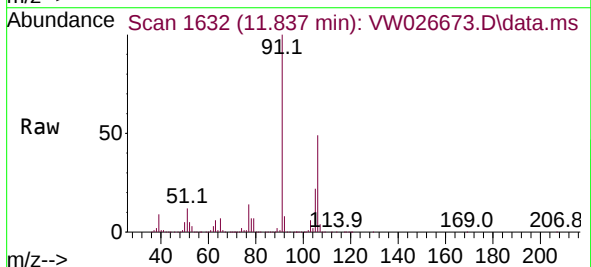
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

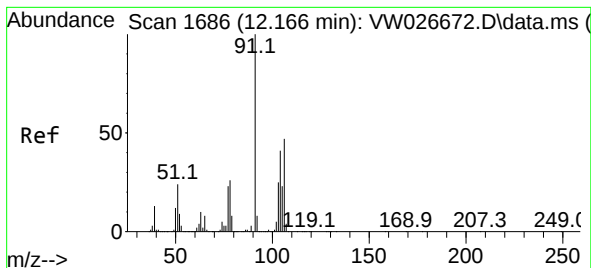
Tgt Ion: 91 Resp: 2185067
Ion Ratio Lower Upper
91 100
106 29.2 20.2 37.6



#53
m,p-Xylene
Concen: 56.779 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion: 106 Resp: 821695
Ion Ratio Lower Upper
106 100
91 203.9 152.9 284.1





#54

o-Xylene

Concen: 56.082 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

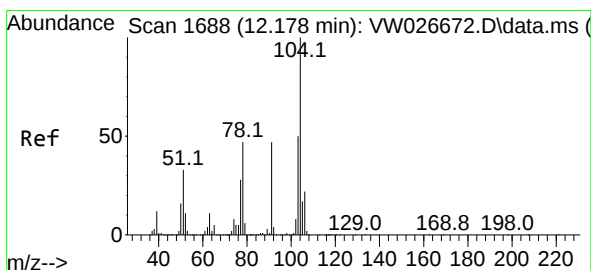
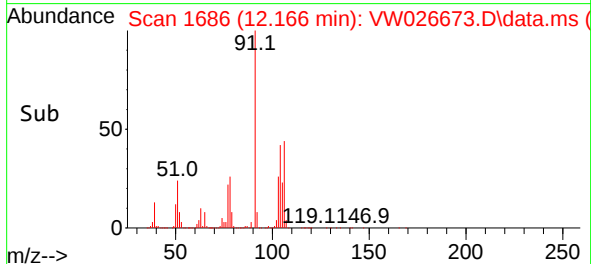
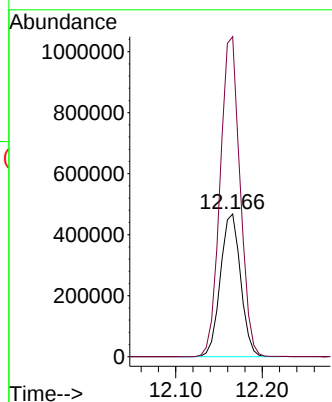
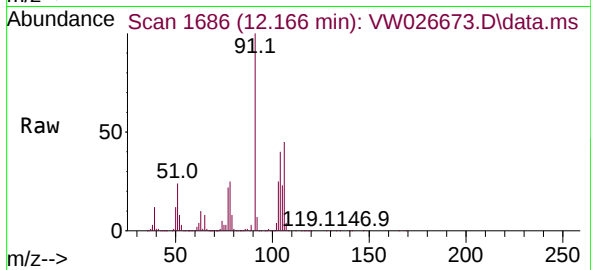
VSTD050423

Tgt Ion:106 Resp: 757471

Ion Ratio Lower Upper

106 100

91 224.1 149.9 278.3



#55

Styrene

Concen: 56.255 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026673.D

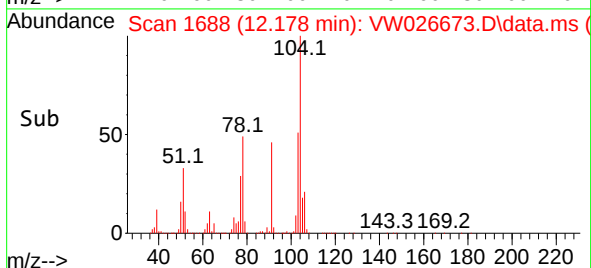
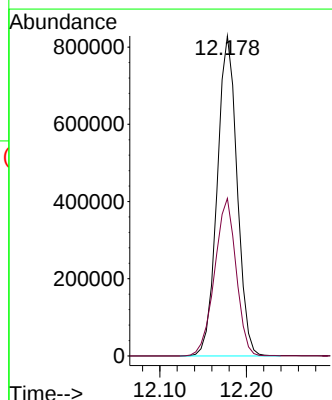
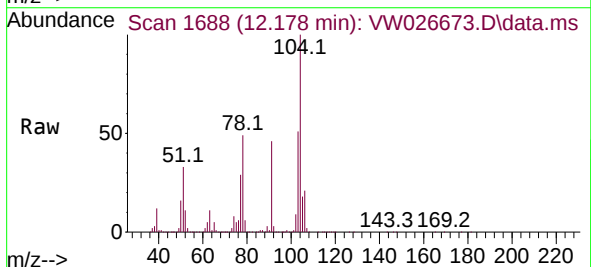
Acq: 10 Aug 2023 11:32

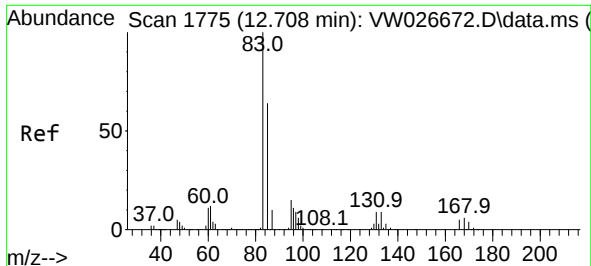
Tgt Ion:104 Resp: 1321115

Ion Ratio Lower Upper

104 100

78 49.2 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 53.226 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

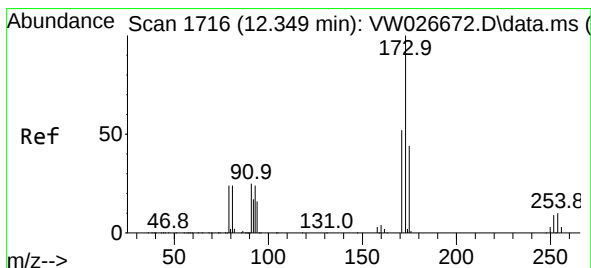
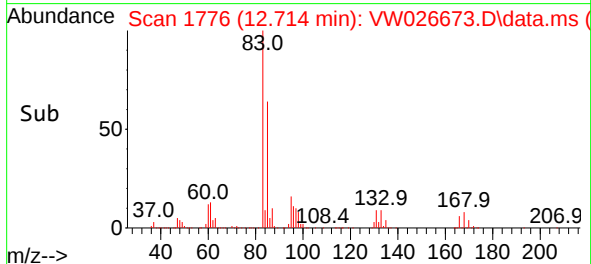
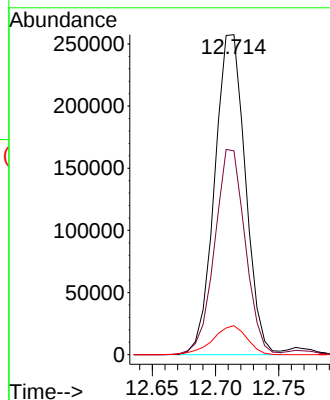
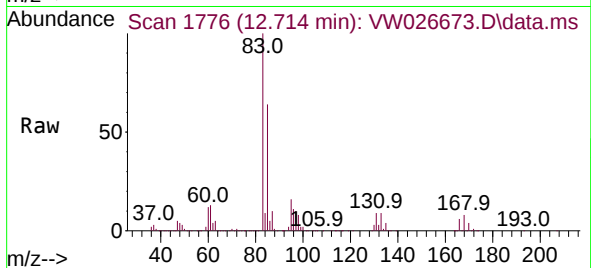
Tgt Ion: 83 Resp: 434840

Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.3

131 9.1 7.4 11.0



#59

Bromoform

Concen: 52.381 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

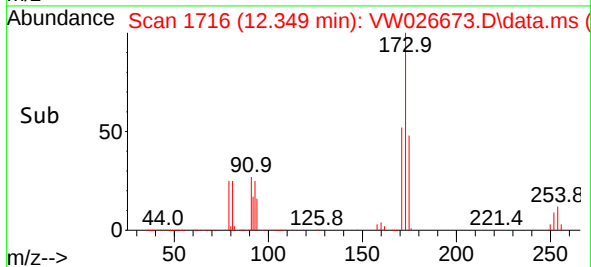
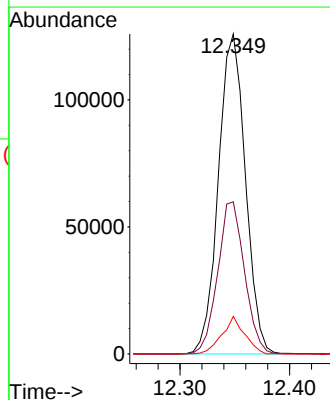
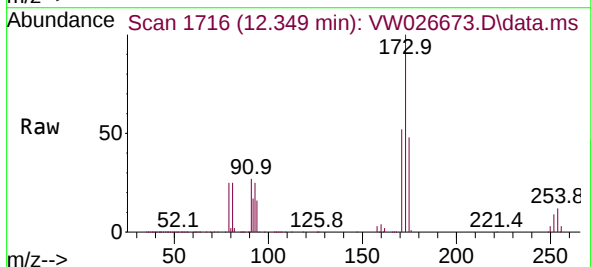
Tgt Ion:173 Resp: 215537

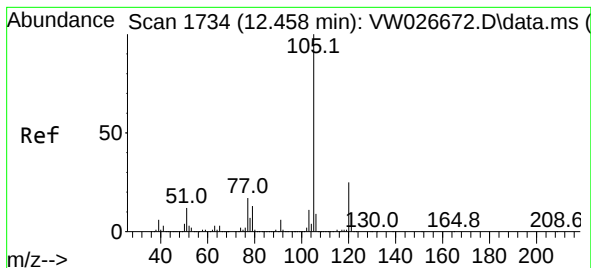
Ion Ratio Lower Upper

173 100

175 47.3 36.6 55.0

254 9.9 7.8 11.6





#60

Isopropylbenzene

Concen: 55.120 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

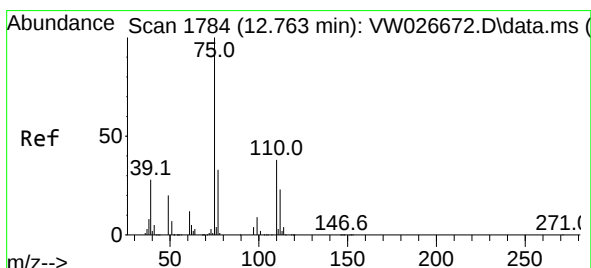
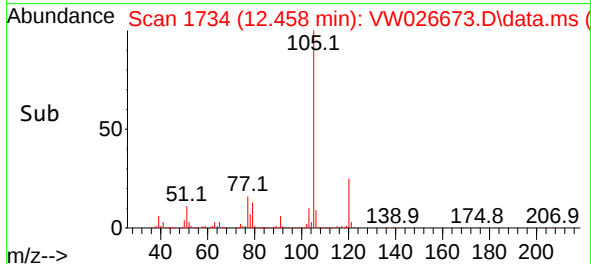
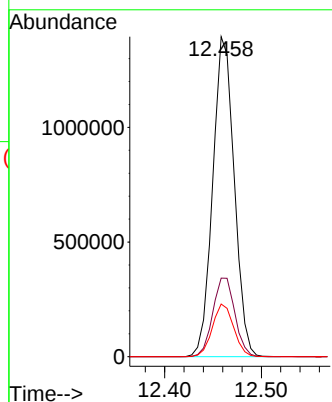
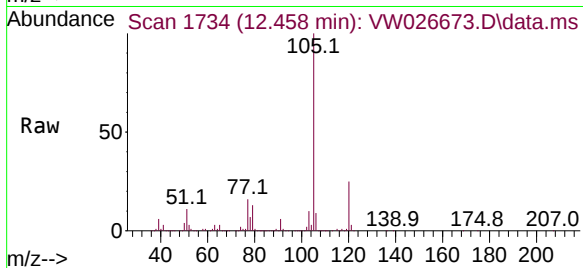
Tgt Ion:105 Resp: 2152626

Ion Ratio Lower Upper

105 100

120 25.3 21.0 31.6

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 50.285 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

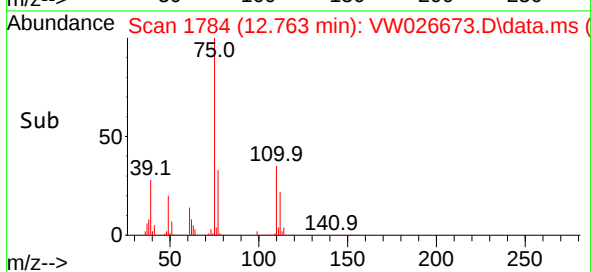
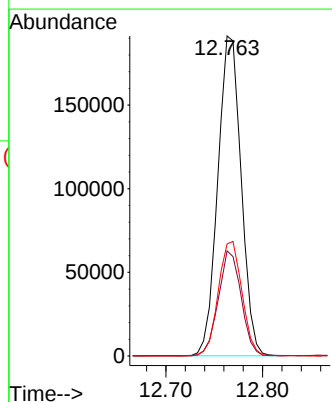
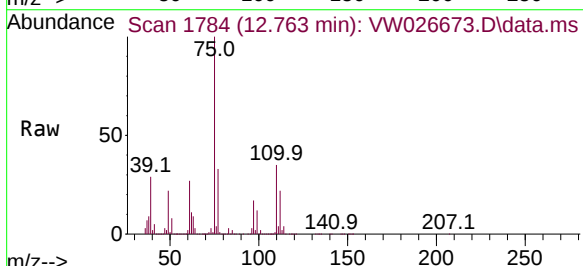
Tgt Ion: 75 Resp: 320399

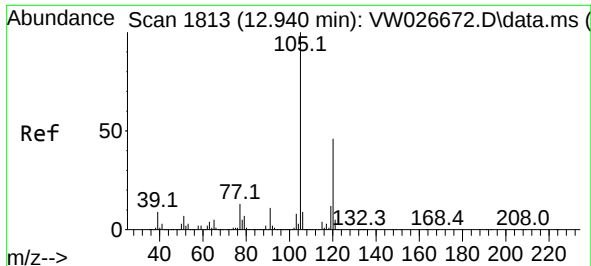
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

110 36.2 29.9 44.9

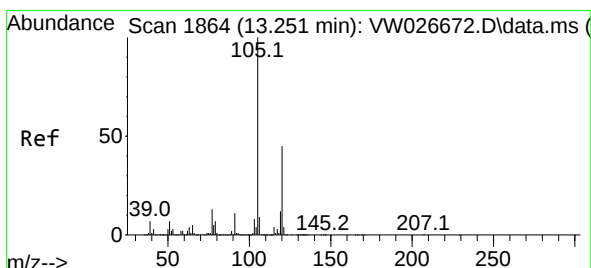
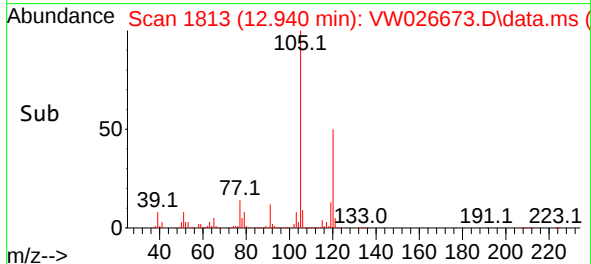
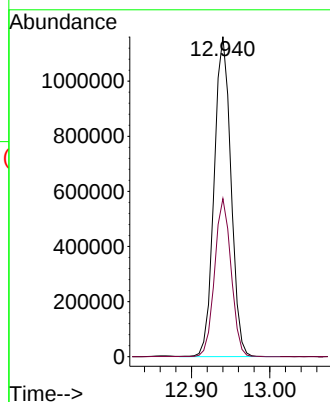
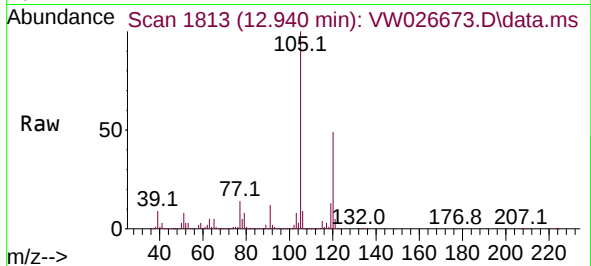




#62
1,3,5-Trimethylbenzene
Concen: 56.071 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

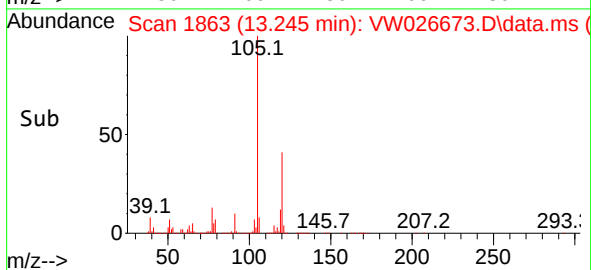
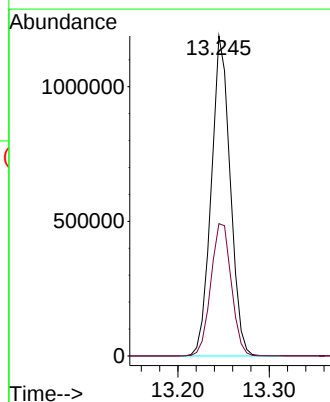
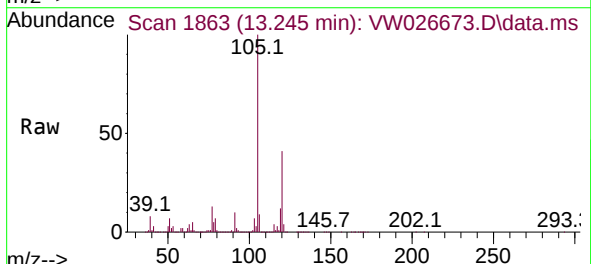
Instrument :
MSVOA_W
ClientSampleId :
VSTD050423

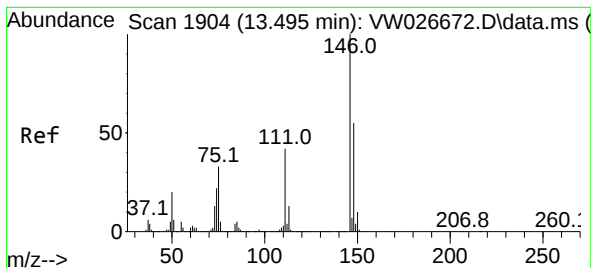
Tgt Ion:105 Resp: 1730806
Ion Ratio Lower Upper
105 100
120 48.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 56.522 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026673.D
Acq: 10 Aug 2023 11:32

Tgt Ion:105 Resp: 1709723
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 51.901 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

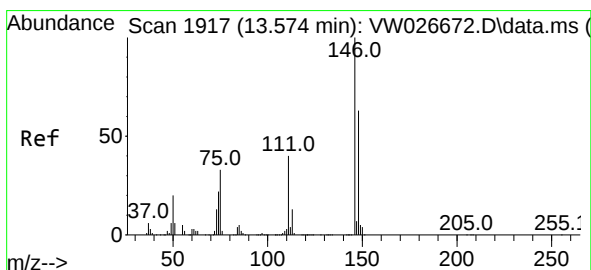
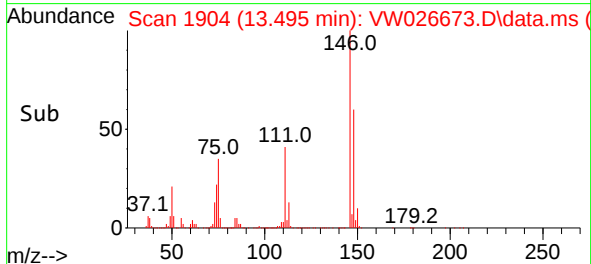
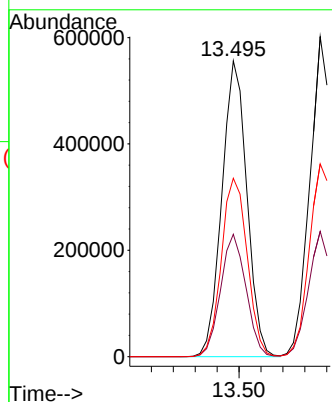
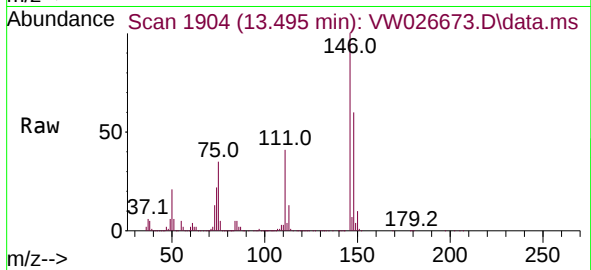
Tgt Ion:146 Resp: 881499

Ion Ratio Lower Upper

146 100

111 41.4 29.1 54.1

148 60.3 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 50.359 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

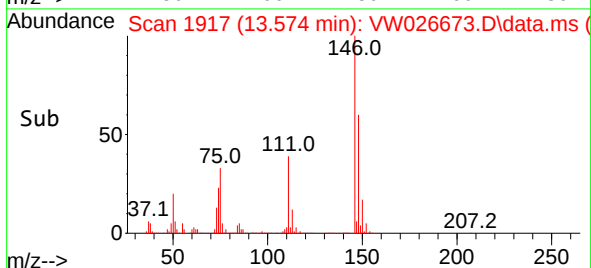
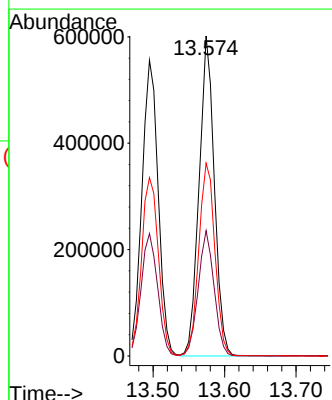
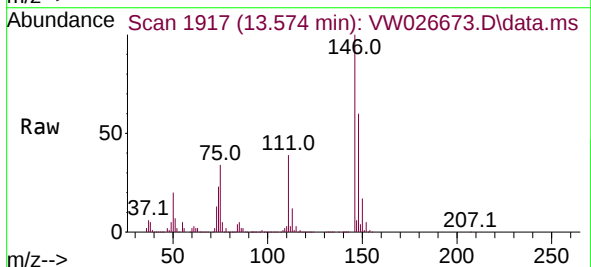
Tgt Ion:146 Resp: 892599

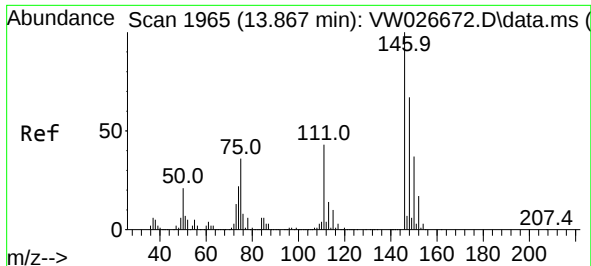
Ion Ratio Lower Upper

146 100

111 39.2 28.3 52.7

148 60.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 51.172 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

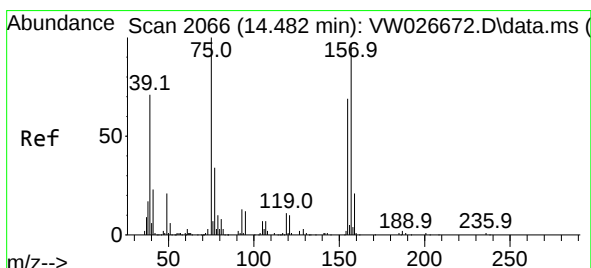
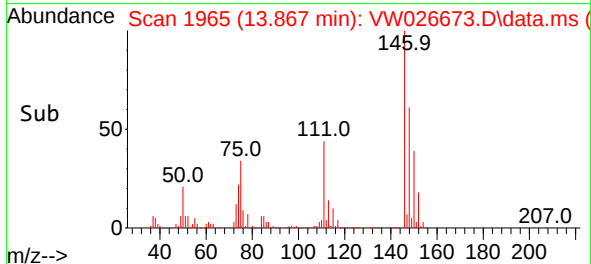
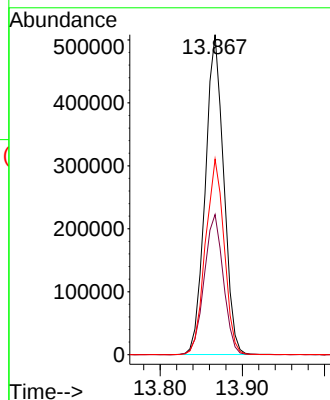
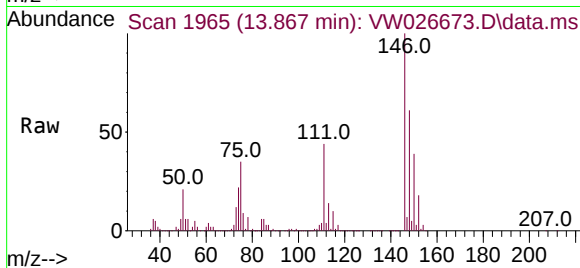
Tgt Ion:146 Resp: 790337

Ion Ratio Lower Upper

146 100

111 43.8 34.6 52.0

148 61.1 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.397 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

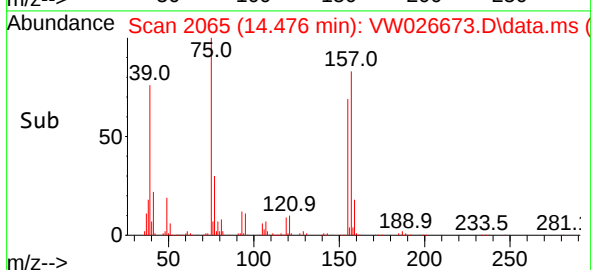
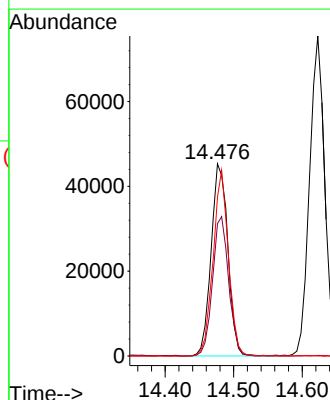
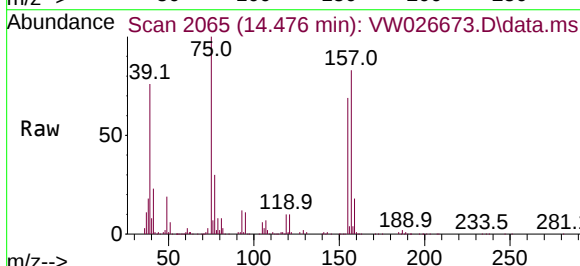
Tgt Ion: 75 Resp: 76802

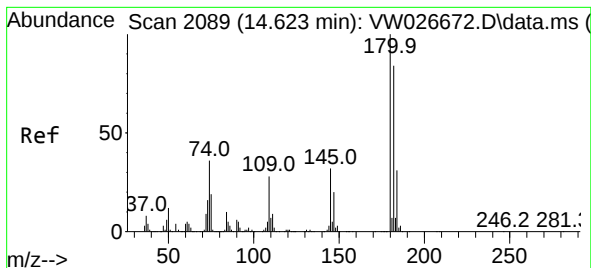
Ion Ratio Lower Upper

75 100

155 68.9 55.0 82.6

157 82.7 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 50.609 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026673.D

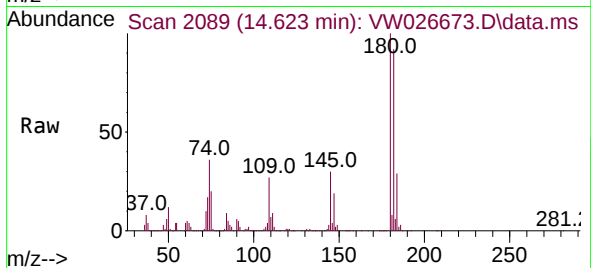
Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423



Tgt Ion:180 Resp: 580718

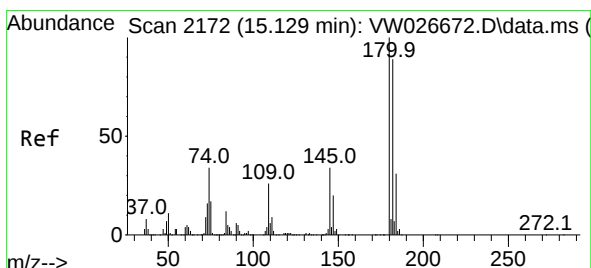
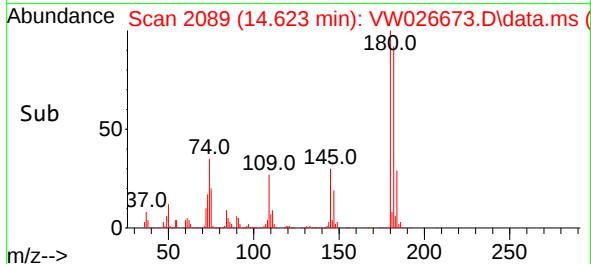
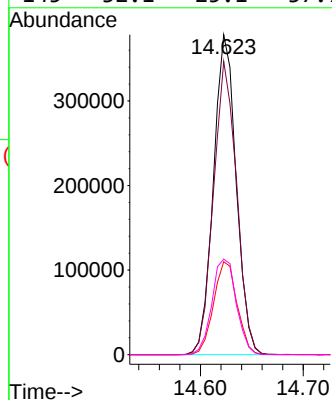
Ion Ratio Lower Upper

180 100

182 93.4 75.2 112.8

184 30.2 23.8 35.8

145 32.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 50.702 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

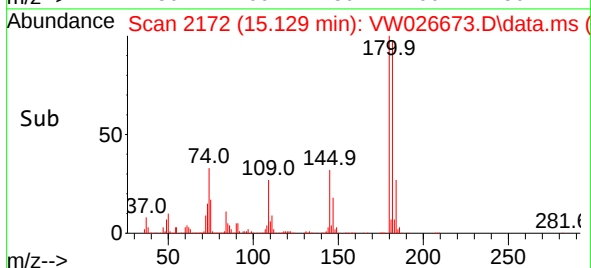
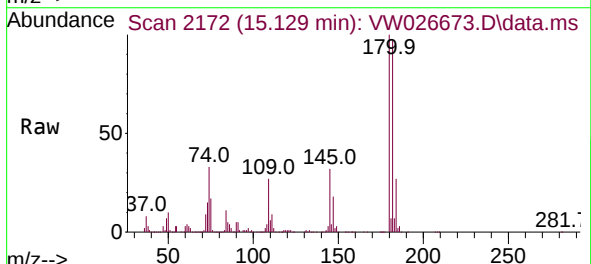
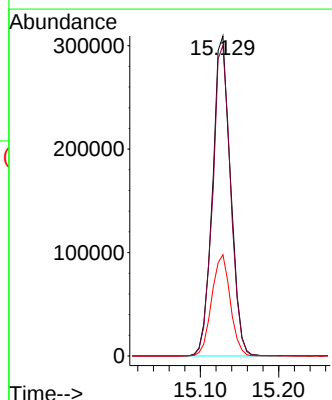
Tgt Ion:180 Resp: 493271

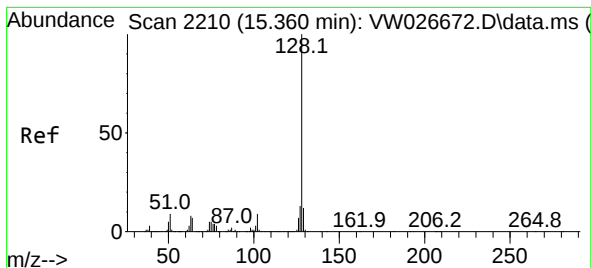
Ion Ratio Lower Upper

180 100

182 97.1 72.5 108.7

145 32.6 24.7 37.1





#71

Naphthalene

Concen: 56.739 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD050423

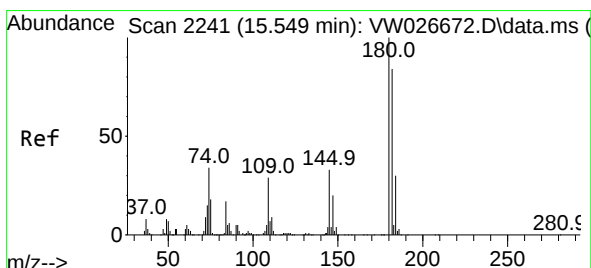
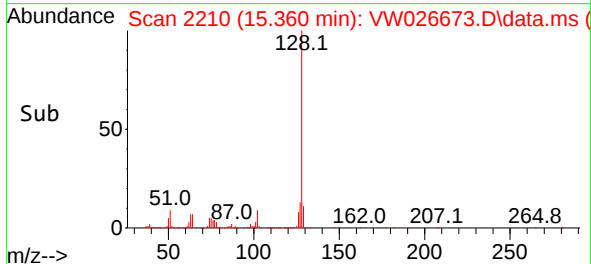
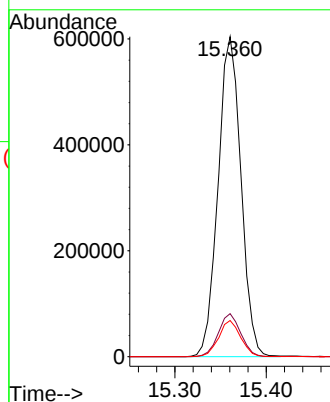
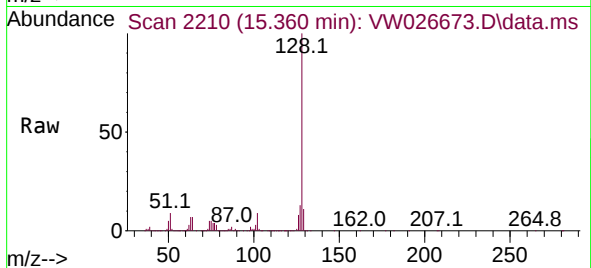
Tgt Ion:128 Resp: 1052953

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 51.613 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026673.D

Acq: 10 Aug 2023 11:32

Tgt Ion:180 Resp: 452898

Ion Ratio Lower Upper

180 100

182 93.8 74.6 112.0

145 34.6 27.0 40.6

