

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030623\
 Data File : VW025374.D
 Acq On : 06 Mar 2023 10:02
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050434

Quant Time: Mar 07 04:52:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 04:37:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	905159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	785620	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	385051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	697387	46.333	ug/L	0.00
7) Chloroethane-d5	2.899	69	496164	45.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	63	1383162	47.583	ug/L	0.00
21) 2-Butanone-d5	7.075	46	316582	84.162	ug/L	0.00
24) Chloroform-d	7.648	84	1227758	47.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	625107	44.632	ug/L	0.00
32) Benzene-d6	8.276	84	2560050	47.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	788212	47.480	ug/L	0.00
41) Toluene-d8	10.325	98	2319580	49.009	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	320013	48.393	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	215230	90.130	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	533051	43.813	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	697124	48.685	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	534635	52.986	ug/L	100
3) Chloromethane	2.222	50	659779	53.629	ug/L	99
5) Vinyl chloride	2.375	62	705042	50.725	ug/L	99
6) Bromomethane	2.789	94	382421	51.607	ug/L	98
8) Chloroethane	2.936	64	402131	50.338	ug/L	99
9) Trichlorofluoromethane	3.271	101	611021	50.790	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	555260	47.594	ug/L	95
12) 1,1-Dichloroethene	4.045	96	568999	50.402	ug/L	90
13) Acetone	4.118	43	295118	83.103	ug/L	96
14) Carbon disulfide	4.387	76	1888105	53.800	ug/L	99
15) Methyl Acetate	4.667	43	271883	40.284	ug/L	99
16) Methylene chloride	4.917	84	573413	45.495	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	600989	50.791	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	834918	46.869	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1196866	48.845	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	647790	49.890	ug/L	98
22) 2-Butanone	7.167	43	383183	83.411	ug/L	99
23) Bromochloromethane	7.514	128	258058	46.342	ug/L	92
25) Chloroform	7.679	83	1096284	47.593	ug/L	96
27) 1,2-Dichloroethane	8.398	62	713251	46.399	ug/L	100
29) Cyclohexane	7.959	56	1195736	53.921	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	910681	48.763	ug/L	100
31) Carbon tetrachloride	8.069	117	820162	48.993	ug/L	99
33) Benzene	8.325	78	2515855	50.088	ug/L	100
34) Trichloroethene	9.093	95	659445	50.022	ug/L	98
35) Methylcyclohexane	9.337	83	1199840	52.358	ug/L	98
37) 1,2-Dichloropropane	9.367	63	663147	47.964	ug/L	100
38) Bromodichloromethane	9.642	83	770345	47.775	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	1025969	51.509	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	741015	89.173	ug/L	99
42) Toluene	10.386	91	2642720	50.958	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	832711	49.922	ug/L	99

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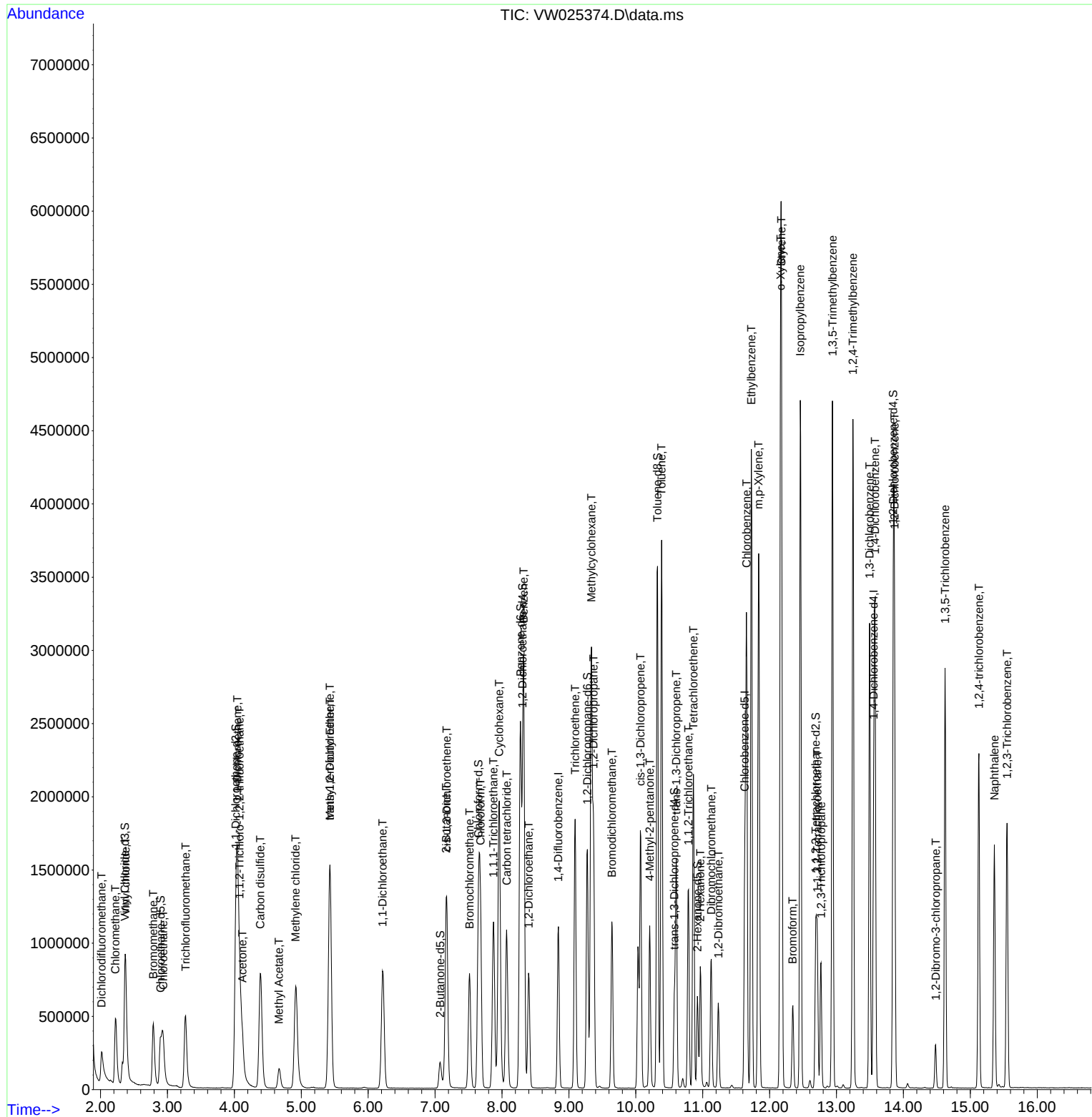
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	426081	45.889	ug/L	98
46) Tetrachloroethene	10.861	164	471311	50.246	ug/L	96
48) 2-Hexanone	10.965	43	526069	87.993	ug/L	97
49) Dibromochloromethane	11.129	129	465627	46.934	ug/L	98
50) 1,2-Dibromoethane	11.233	107	397450	46.244	ug/L	95
51) Chlorobenzene	11.654	112	1595614	48.478	ug/L	99
52) Ethylbenzene	11.727	91	3024038	51.127	ug/L	98
53) m,p-Xylene	11.837	106	1123710	51.510	ug/L	99
54) o-Xylene	12.166	106	1059261	51.600	ug/L	96
55) Styrene	12.178	104	1810107	51.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	497972	43.115	ug/L	99
59) Bromoform	12.343	173	253213	45.580	ug/L	99
60) Isopropylbenzene	12.458	105	3007559	52.396	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	366051	43.633	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2442149	53.720	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	2401968	53.634	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1202322	49.432	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	1152230	46.184	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	1048895	48.082	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	77529	39.919	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	794924	48.079	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	683926	49.890	ug/L	99
71) Naphthalene	15.360	128	1331999	49.224	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	576526	46.823	ug/L	99

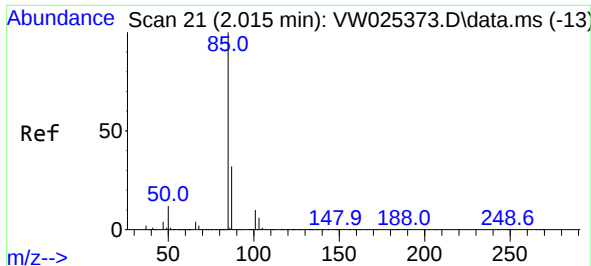
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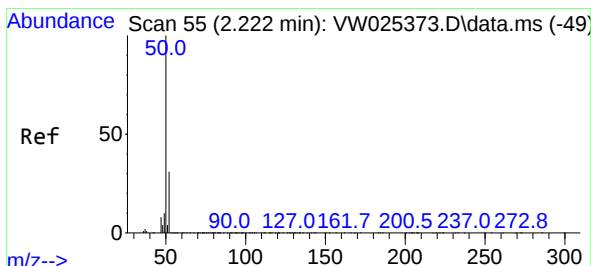
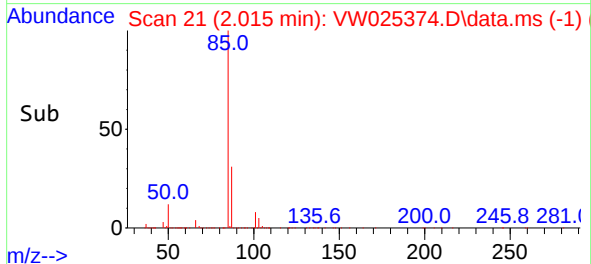
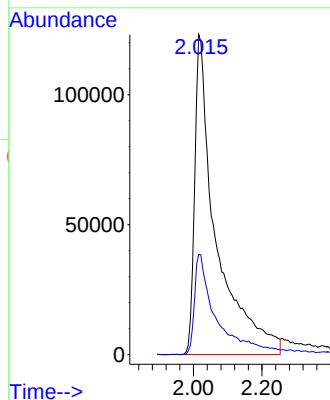
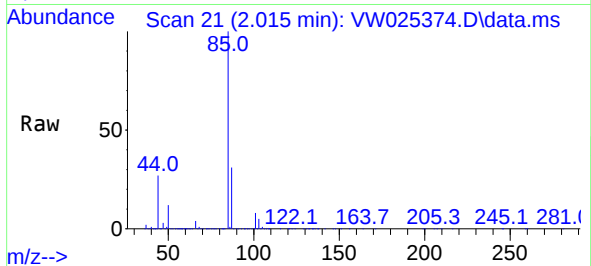




#2
 Dichlorodifluoromethane
 Concen: 52.986 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025374.D
 Acq: 06 Mar 2023 10:02

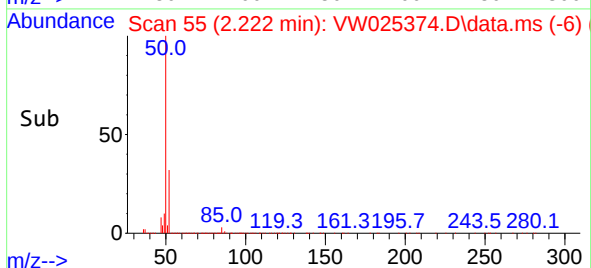
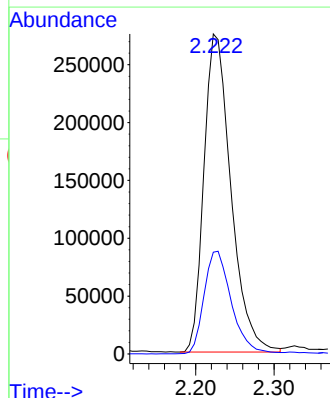
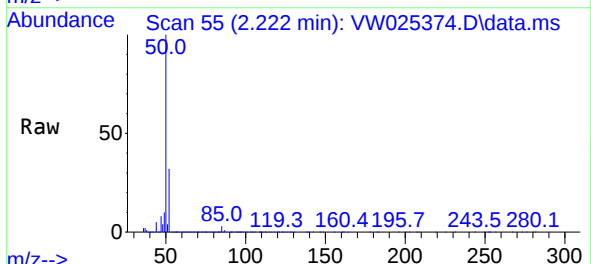
Instrument :
 MSVOA_W
 ClientSampleId :
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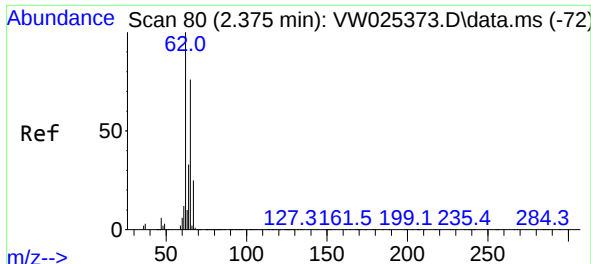
Tgt Ion: 85 Resp: 534635
 Ion Ratio Lower Upper
 85 100
 87 25.5 20.5 30.7



#3
 Chloromethane
 Concen: 53.629 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025374.D
 Acq: 06 Mar 2023 10:02

Tgt Ion: 50 Resp: 659779
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.9 40.7

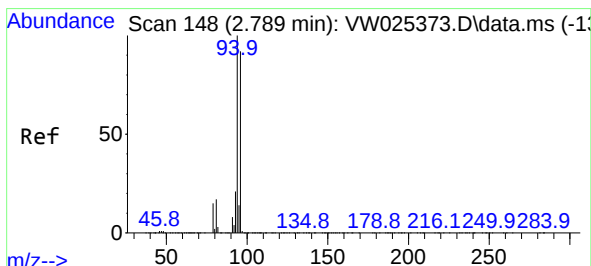
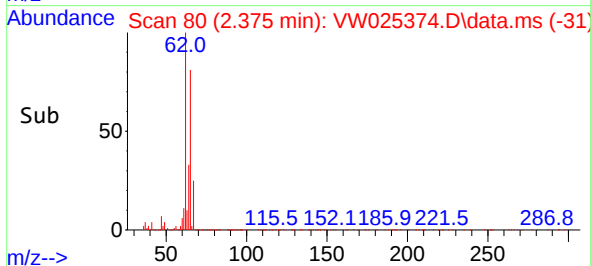
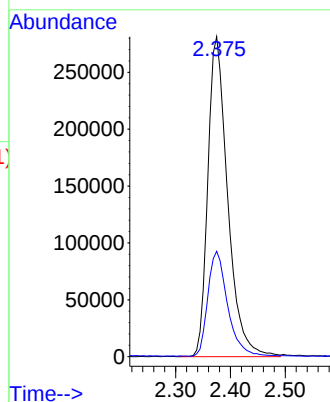
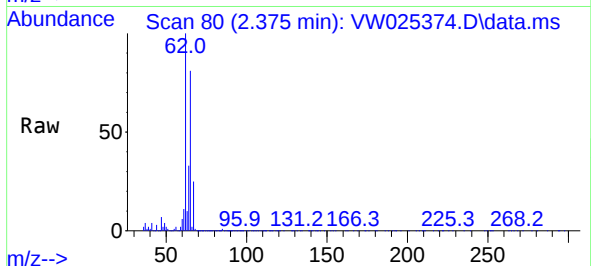




#5
 Vinyl chloride
 Concen: 50.725 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025374.D
 Acq: 06 Mar 2023 10:02

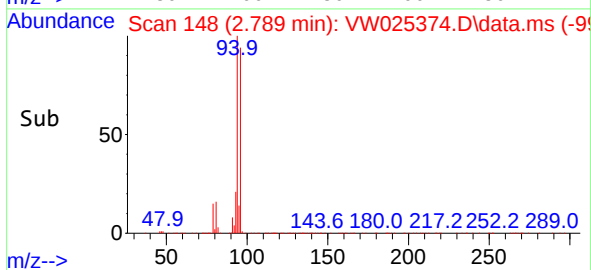
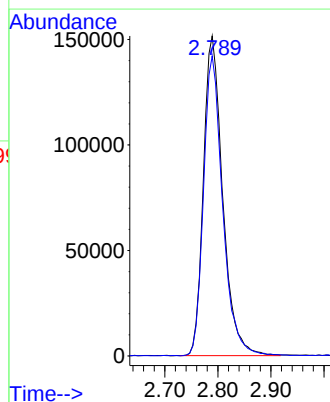
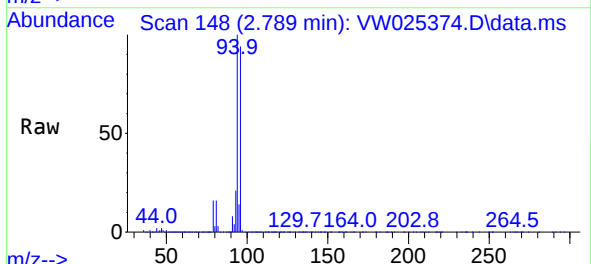
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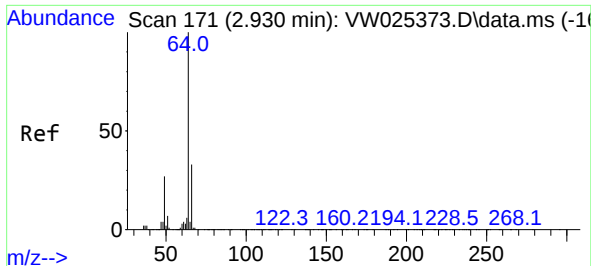
Tgt Ion: 62 Resp: 705042
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 51.607 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025374.D
 Acq: 06 Mar 2023 10:02

Tgt Ion: 94 Resp: 382421
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.5 119.9

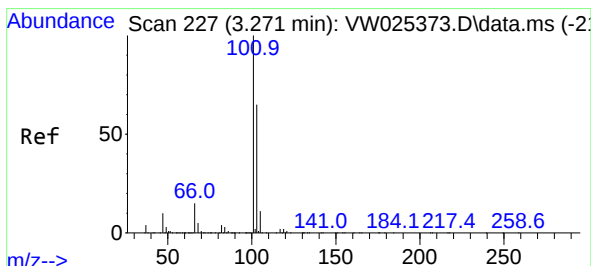
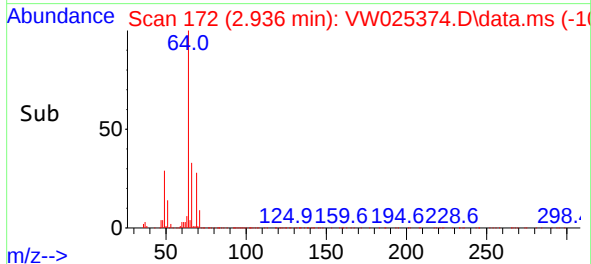
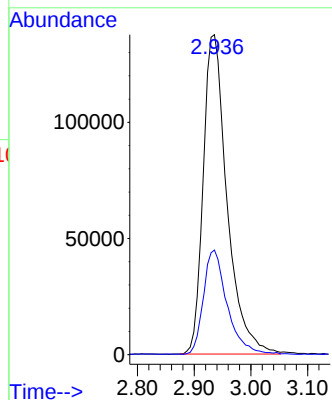
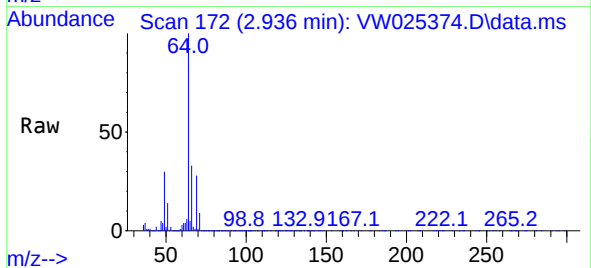




#8
Chloroethane
Concen: 50.338 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

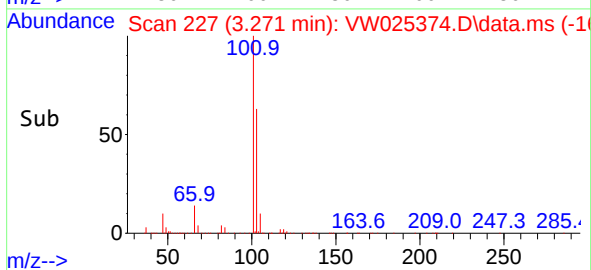
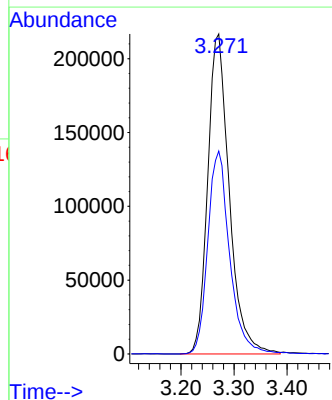
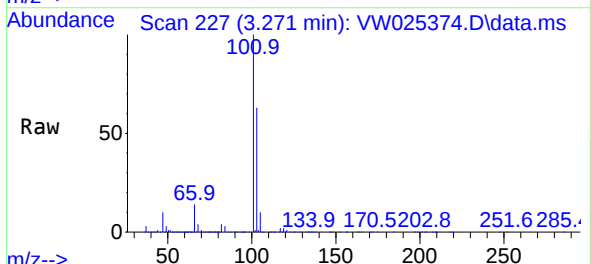
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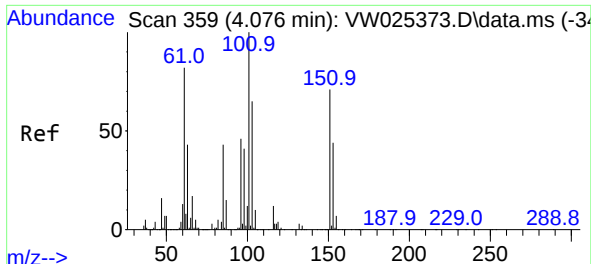
Tgt Ion: 64 Resp: 402131
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 50.790 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:101 Resp: 611021
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.594 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD050434

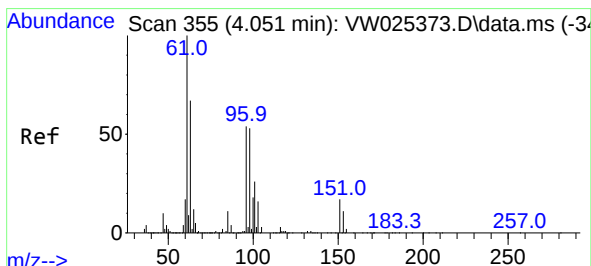
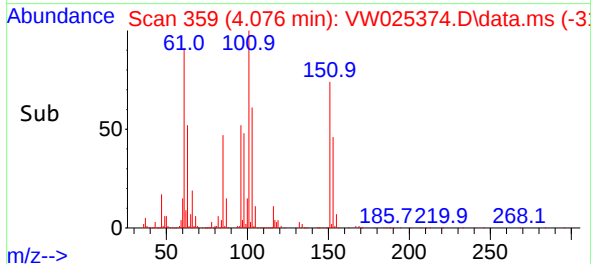
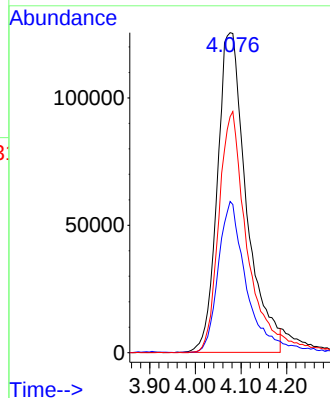
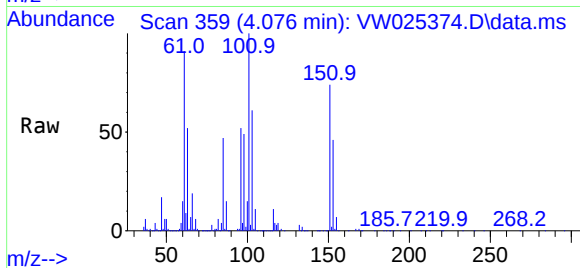
Tgt Ion:101 Resp: 555260

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.8

151 74.8 54.2 81.2



#12

1,1-Dichloroethene

Concen: 50.402 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

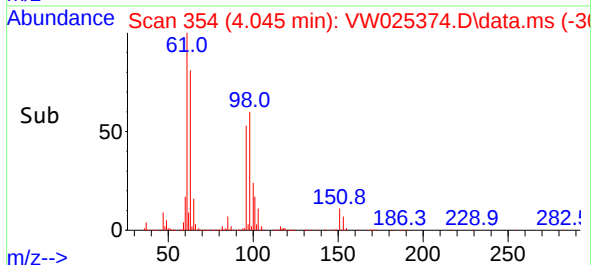
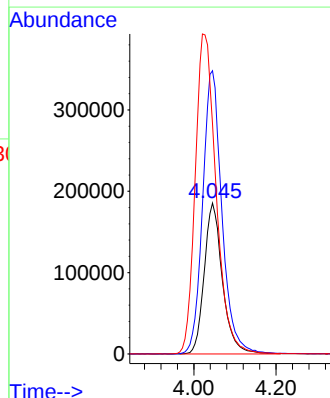
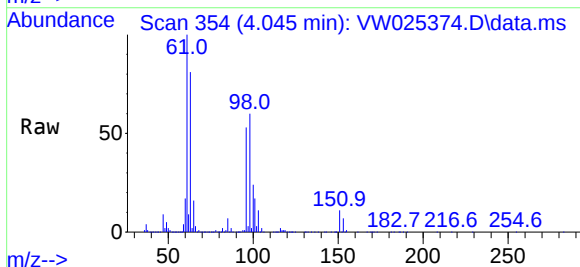
Tgt Ion: 96 Resp: 568999

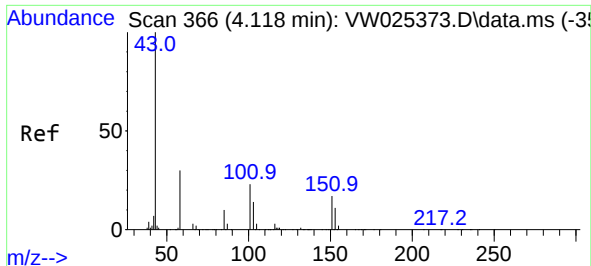
Ion Ratio Lower Upper

96 100

61 187.7 130.7 242.7

63 152.5 88.3 164.1

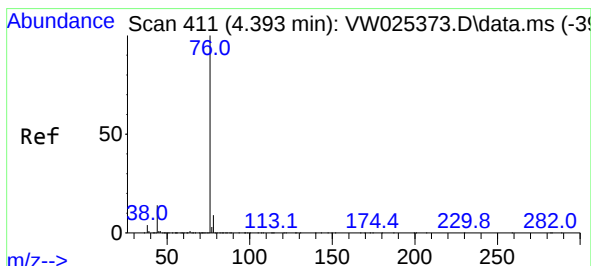
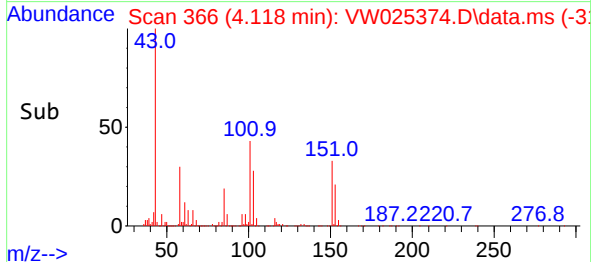
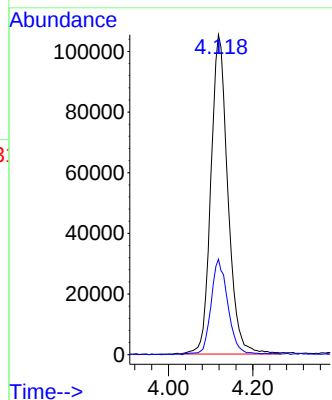
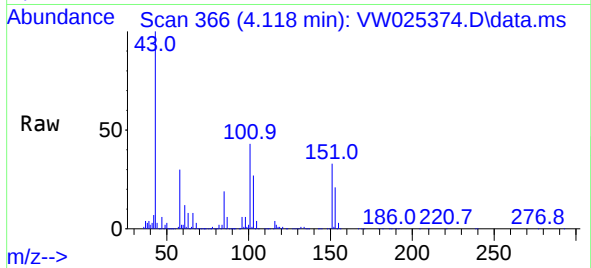




#13
Acetone
Concen: 83.103 ug/L
RT: 4.118 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

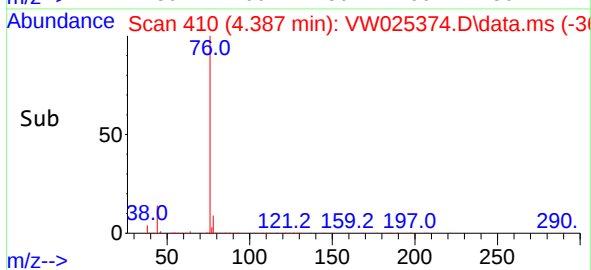
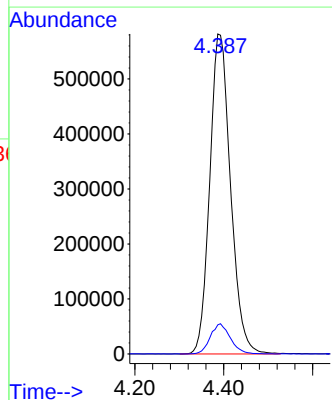
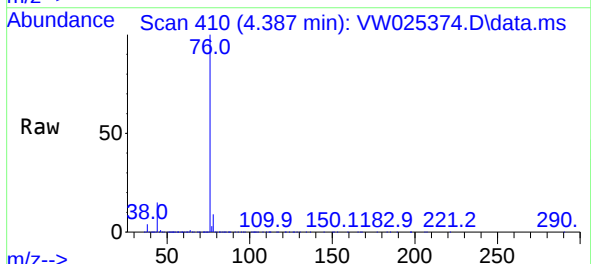
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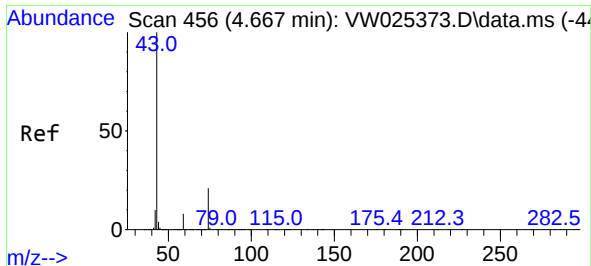
Tgt Ion: 43 Resp: 295118
Ion Ratio Lower Upper
43 100
58 27.8 0.0 60.0



#14
Carbon disulfide
Concen: 53.800 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 76 Resp: 1888105
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

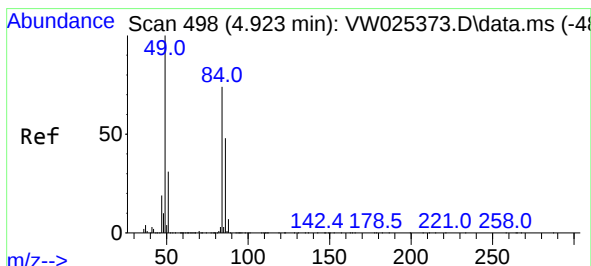
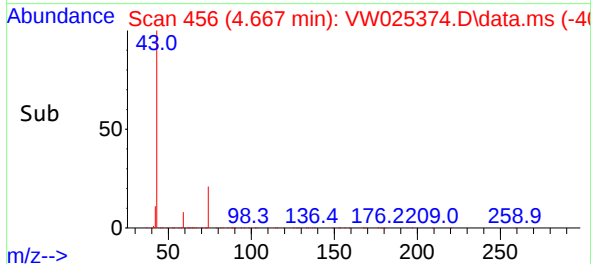
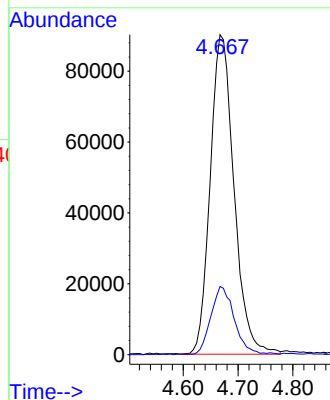
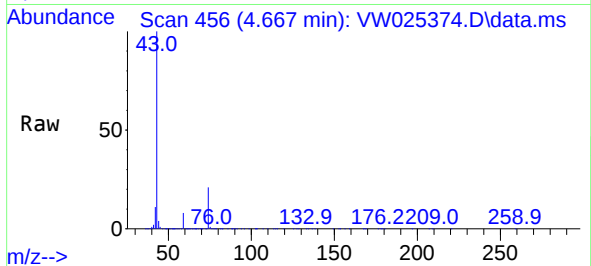




#15
Methyl Acetate
Concen: 40.284 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

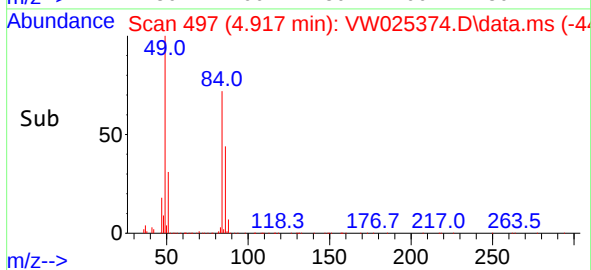
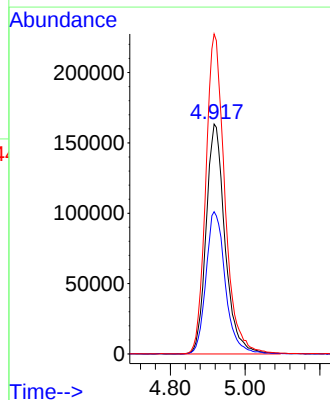
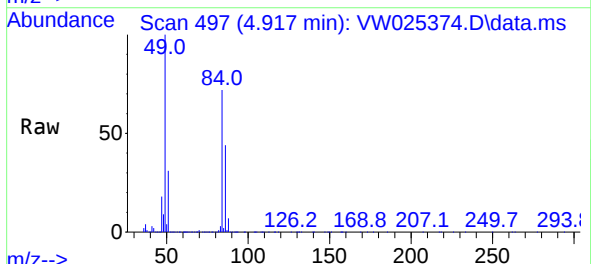
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

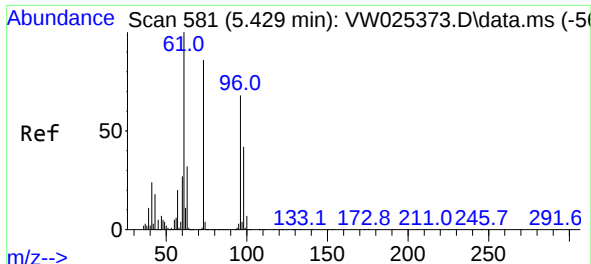
Tgt Ion: 43 Resp: 271883
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4



#16
Methylene chloride
Concen: 45.495 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 84 Resp: 573413
Ion Ratio Lower Upper
84 100
86 61.9 45.1 83.7
49 139.2 94.7 175.9

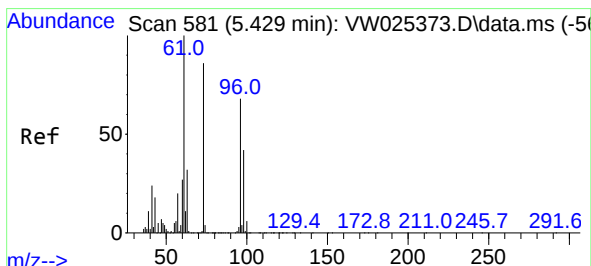
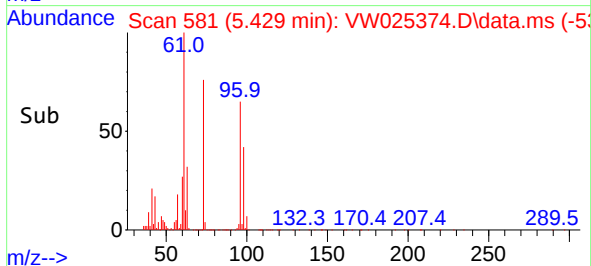
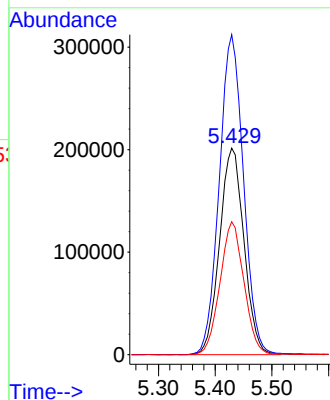
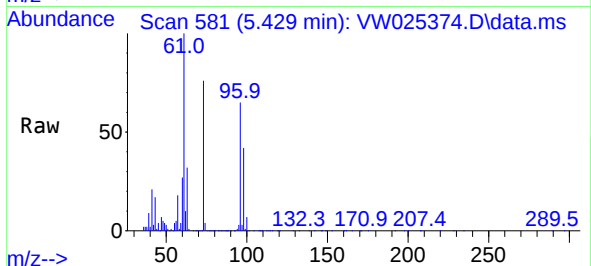




#17
trans-1,2-Dichloroethene
Concen: 50.791 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

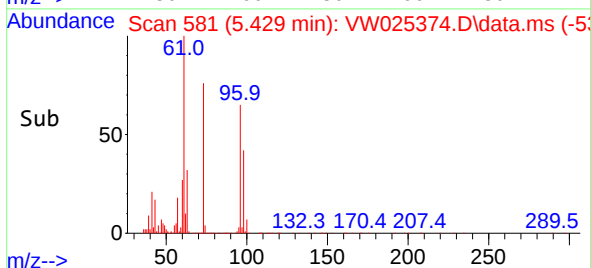
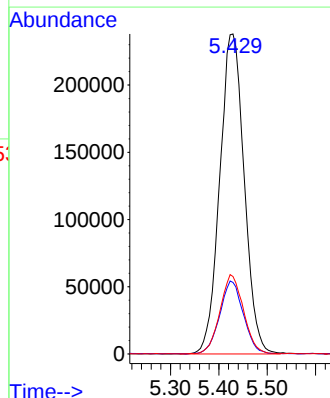
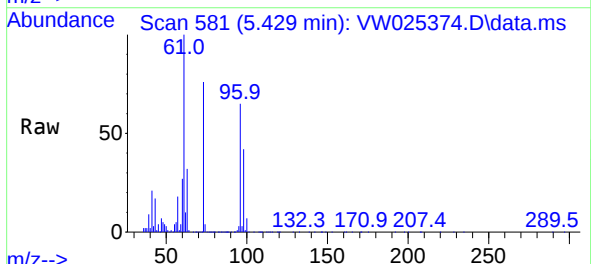
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

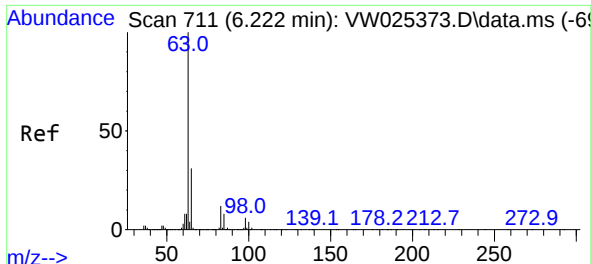
Tgt Ion: 96 Resp: 600989
Ion Ratio Lower Upper
96 100
61 154.9 103.0 191.4
98 64.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 46.869 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 73 Resp: 834918
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 23.6 18.6 28.0





#19

1,1-Dichloroethane

Concen: 48.845 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

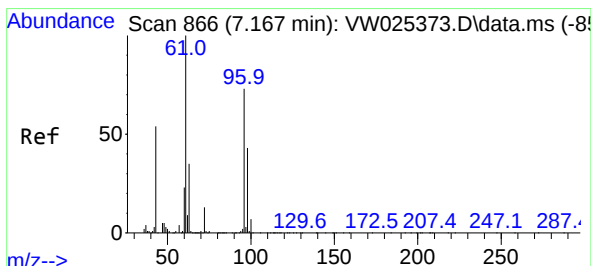
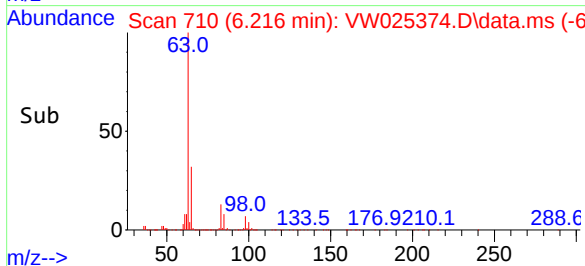
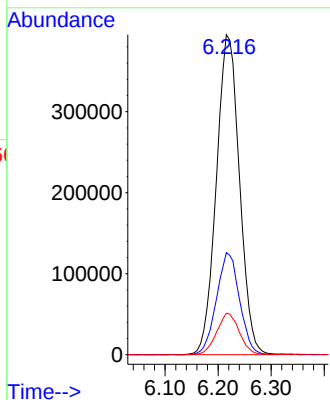
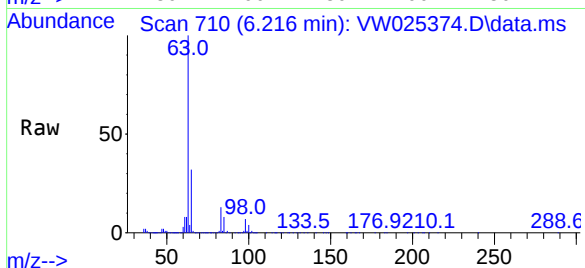
MSVOA_W

ClientSampleId :

VSTD050434

Tgt Ion: 63 Resp: 1196866

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.7	40.3
83	13.0	8.4	15.6



#20

cis-1,2-Dichloroethene

Concen: 49.890 ug/L

RT: 7.173 min Scan# 867

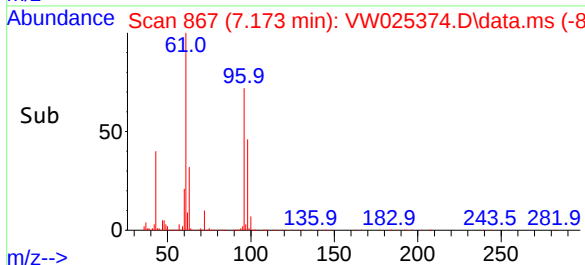
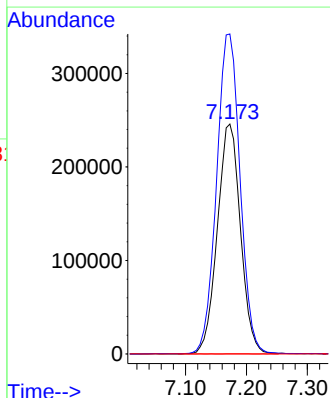
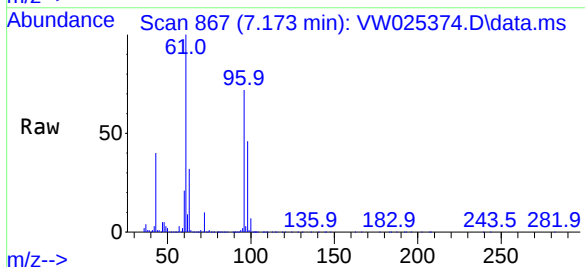
Delta R.T. 0.006 min

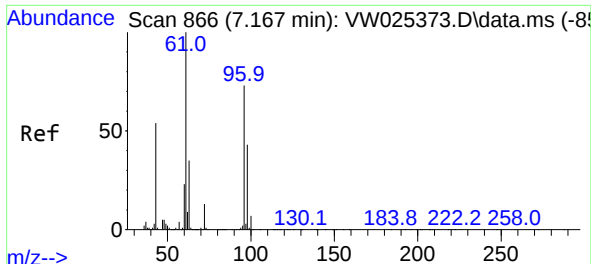
Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Tgt Ion: 96 Resp: 647790

Ion	Ratio	Lower	Upper
96	100		
61	139.2	95.5	177.4
68	0.1	0.1	0.1

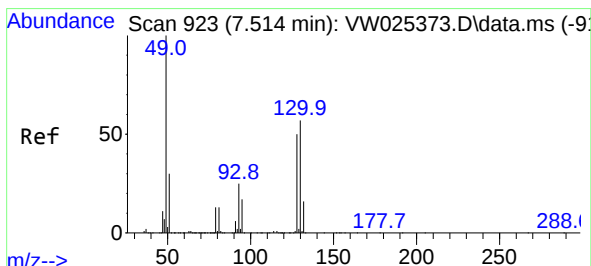
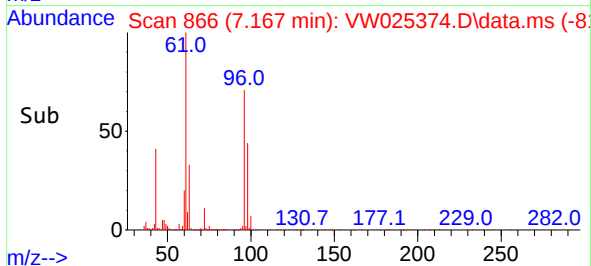
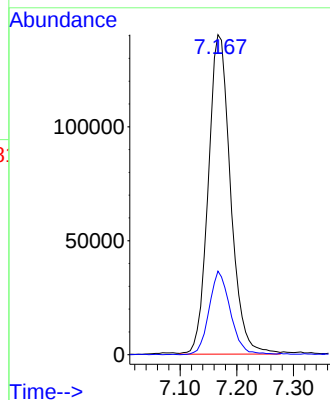
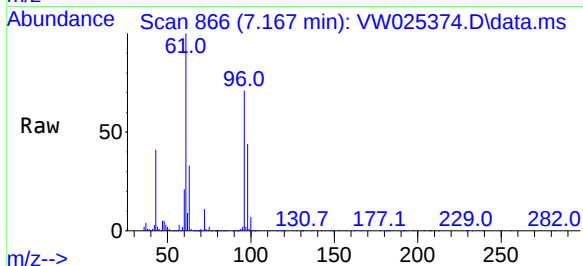




#22
2-Butanone
Concen: 83.411 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

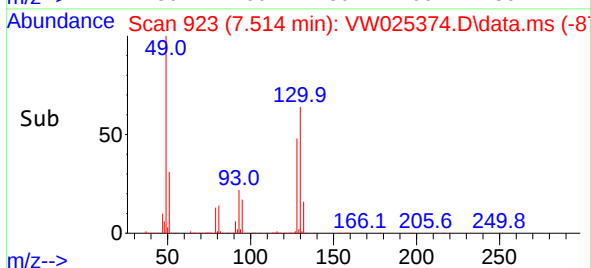
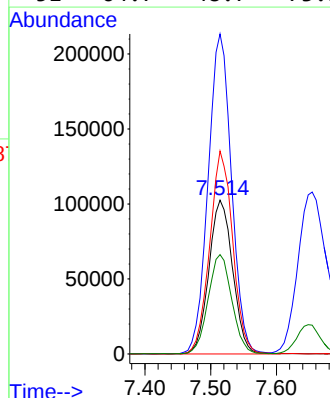
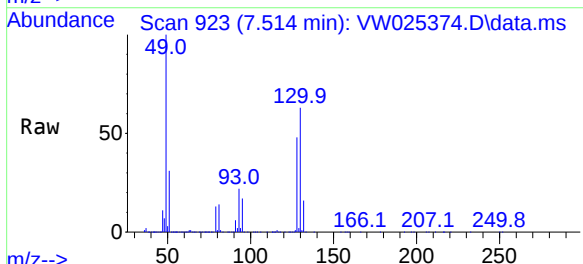
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

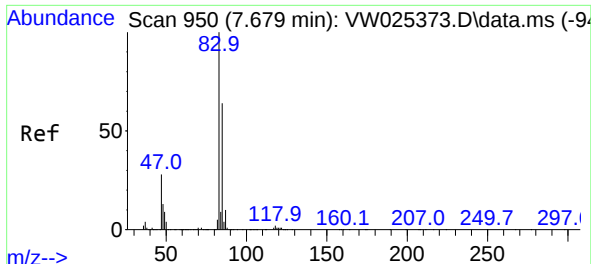
Tgt Ion: 43 Resp: 383183
Ion Ratio Lower Upper
43 100
72 24.7 12.0 36.1



#23
Bromochloromethane
Concen: 46.342 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 128 Resp: 258058
Ion Ratio Lower Upper
128 100
49 208.2 140.6 261.0
130 131.9 80.8 150.0
51 64.7 48.7 73.1

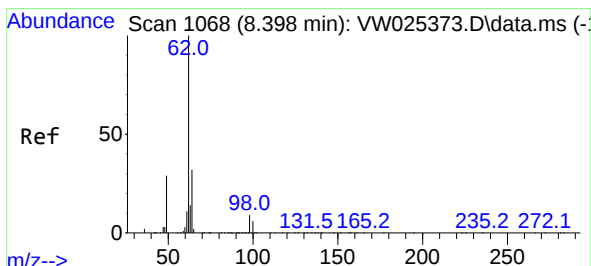
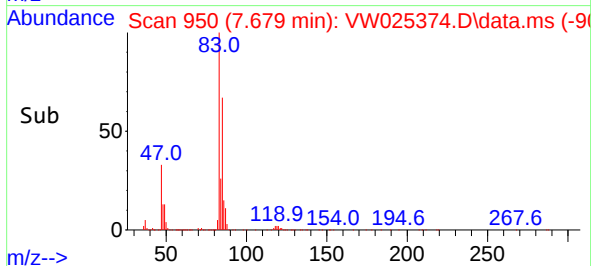
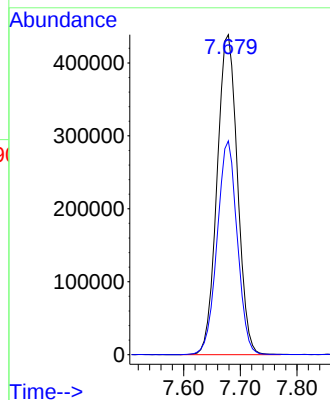
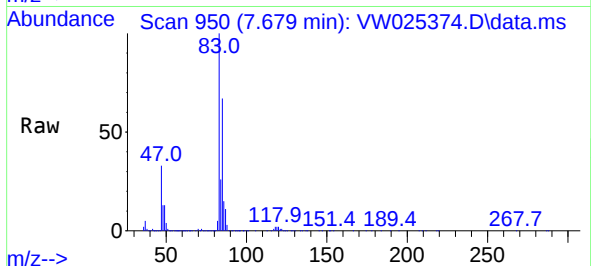




#25
Chloroform
Concen: 47.593 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

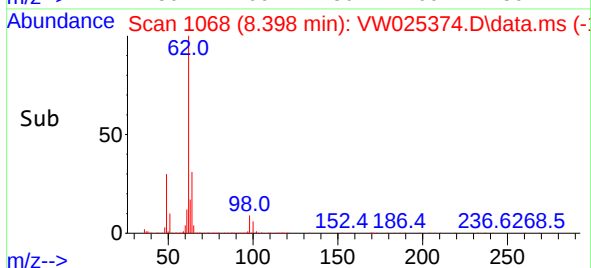
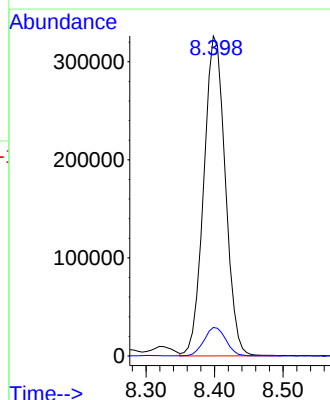
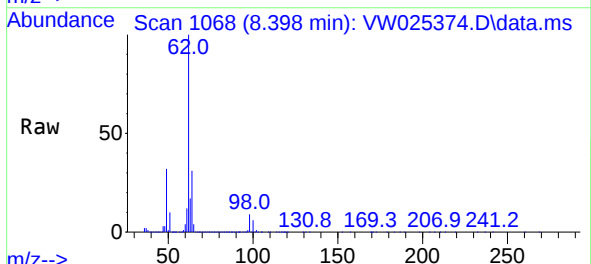
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

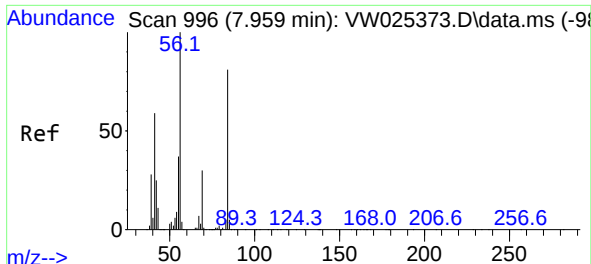
Tgt Ion: 83 Resp: 1096284
Ion Ratio Lower Upper
83 100
85 66.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 46.399 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 62 Resp: 713251
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

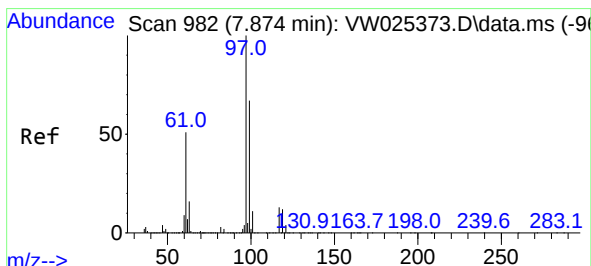
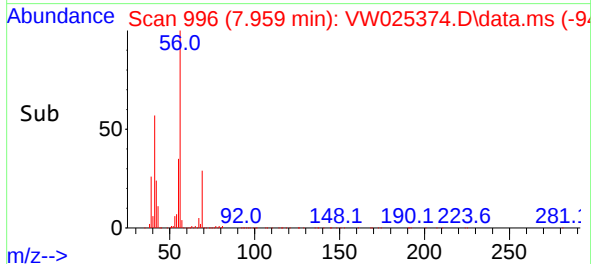
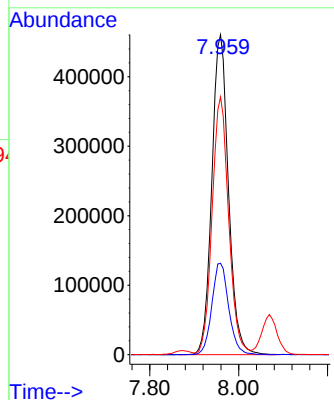
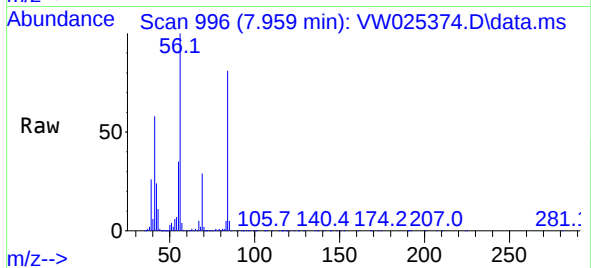




#29
Cyclohexane
Concen: 53.921 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

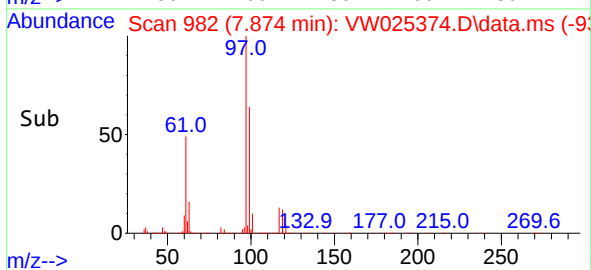
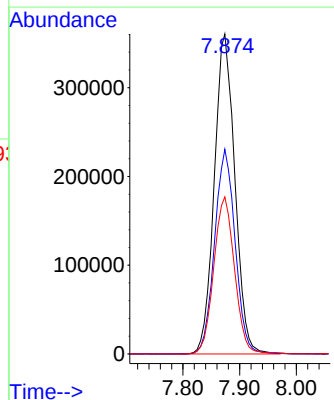
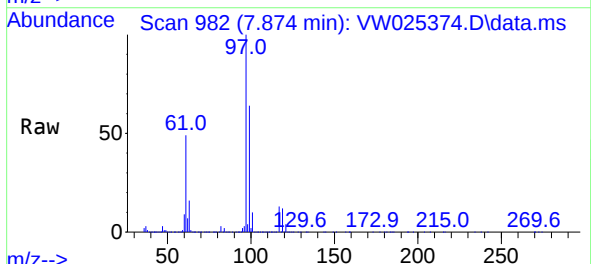
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

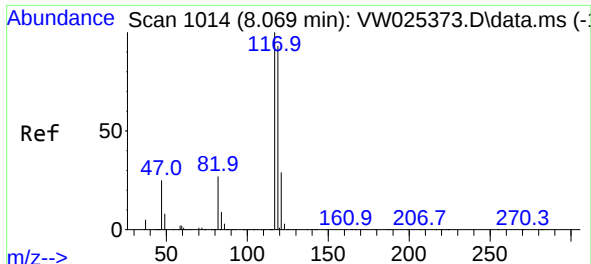
Tgt Ion: 56 Resp: 1195736
Ion Ratio Lower Upper
56 100
69 29.0 23.1 34.7
84 80.2 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 48.763 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 97 Resp: 910681
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 49.6 39.8 59.6

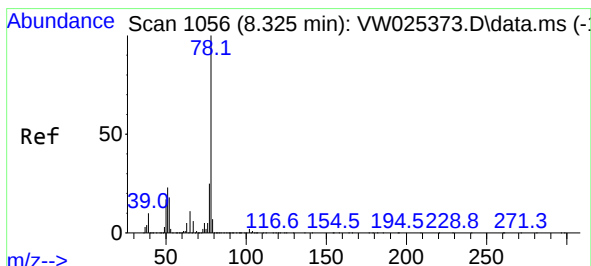
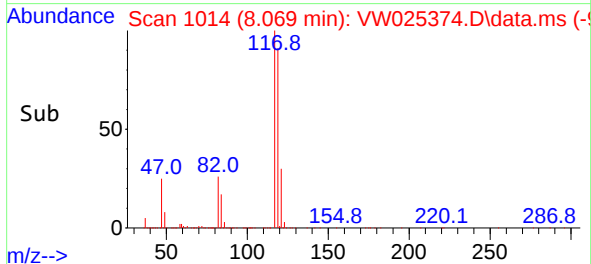
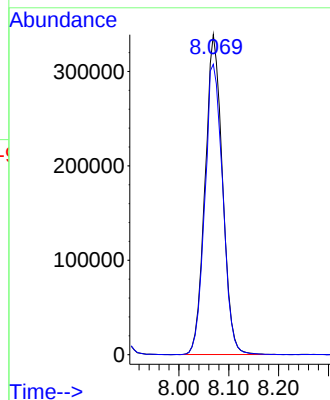
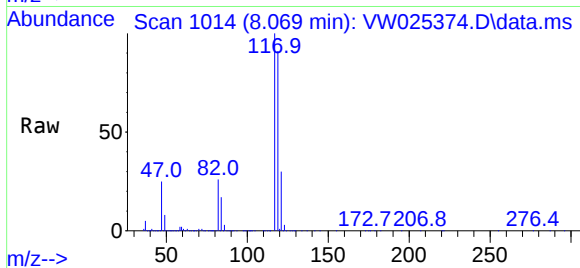




#31
Carbon tetrachloride
Concen: 48.993 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

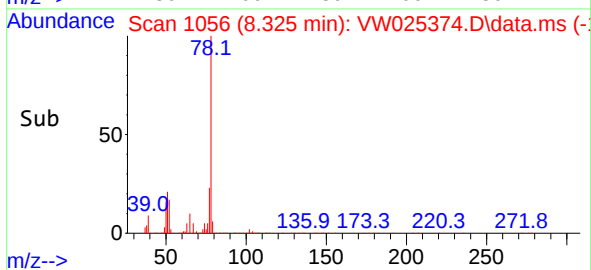
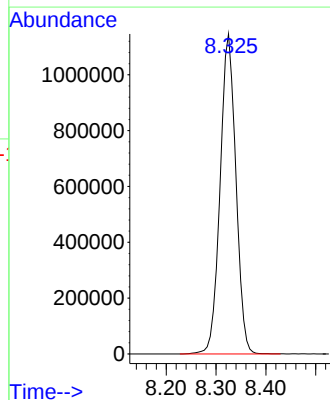
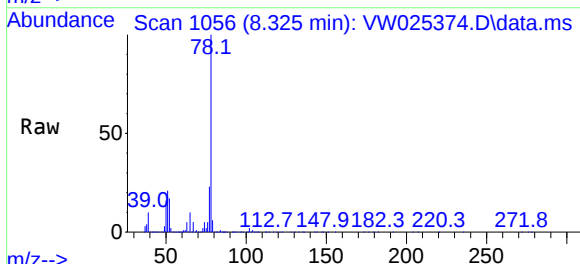
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

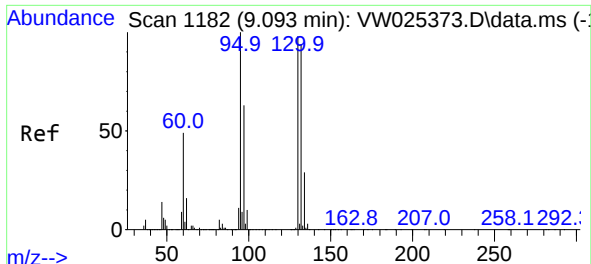
Tgt Ion:117 Resp: 820162
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6



#33
Benzene
Concen: 50.088 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 78 Resp: 2515855

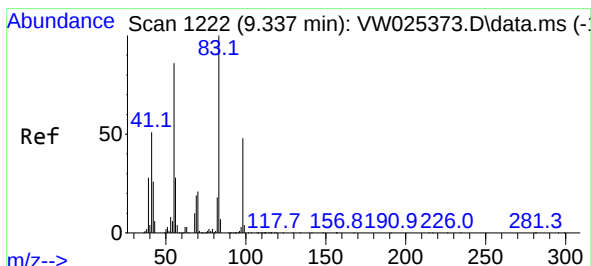
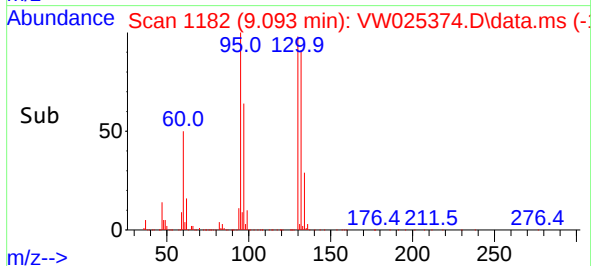
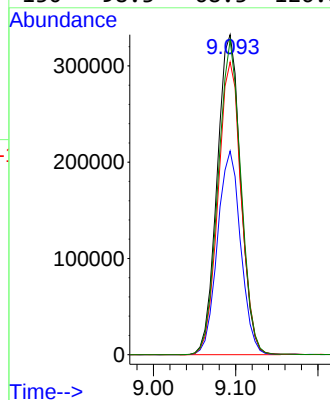
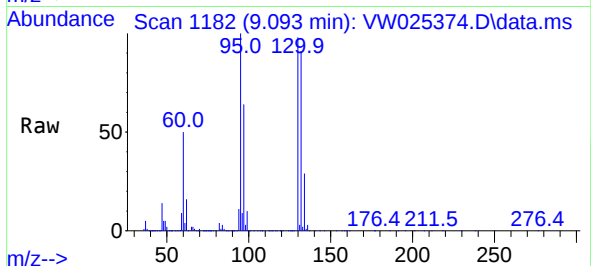




#34
Trichloroethene
Concen: 50.022 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

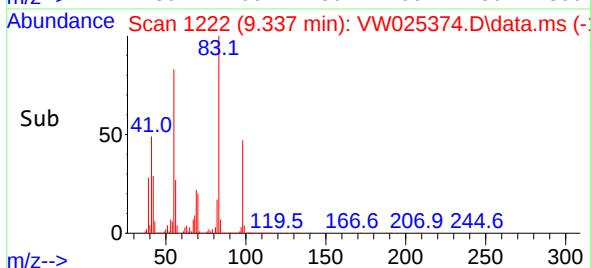
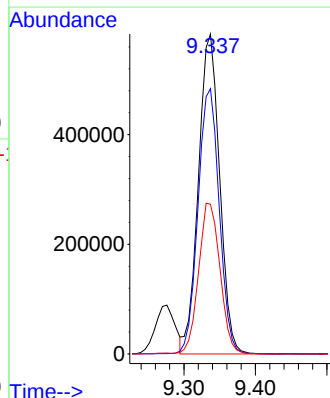
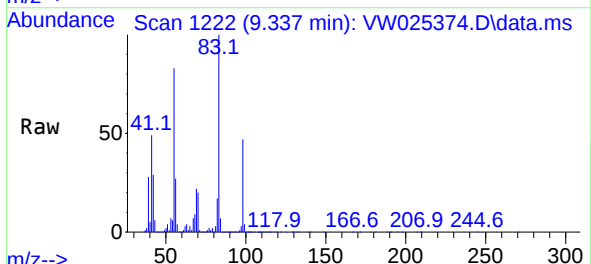
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

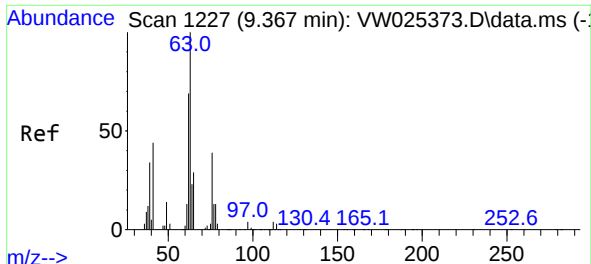
Tgt Ion: 95 Resp: 659445
Ion Ratio Lower Upper
95 100
97 63.6 43.8 81.4
132 91.5 65.9 122.3
130 98.3 68.3 126.8



#35
Methylcyclohexane
Concen: 52.358 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 83 Resp: 1199840
Ion Ratio Lower Upper
83 100
55 83.3 68.2 102.4
98 47.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 47.964 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

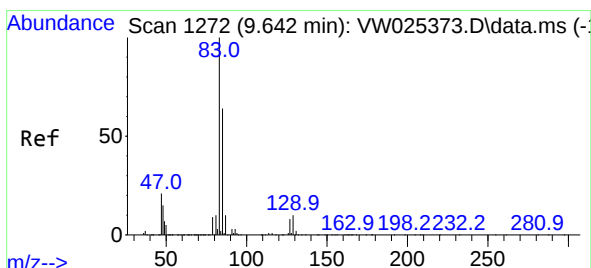
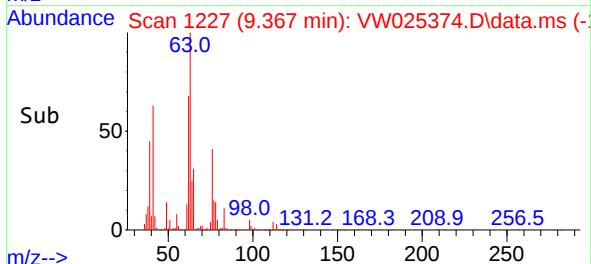
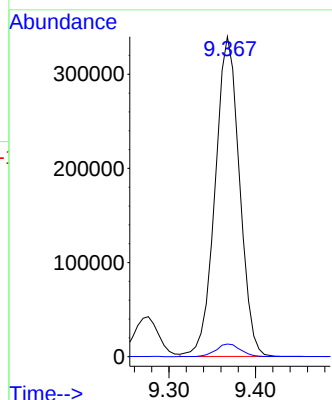
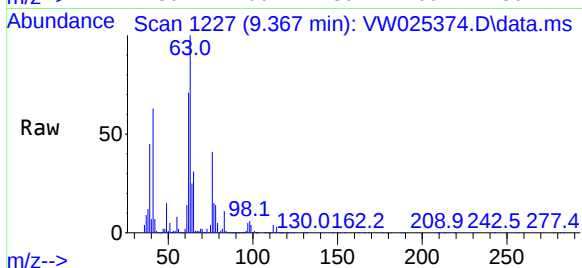
VSTD050434

Tgt Ion: 63 Resp: 663147

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 47.775 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

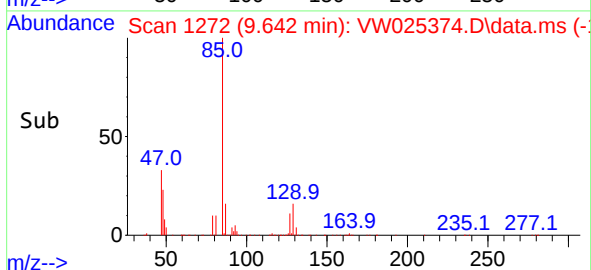
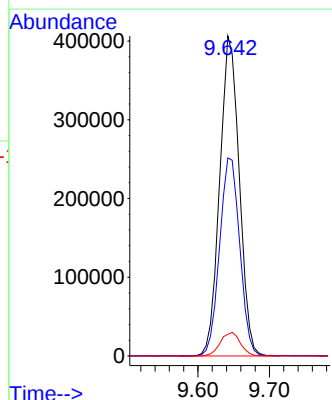
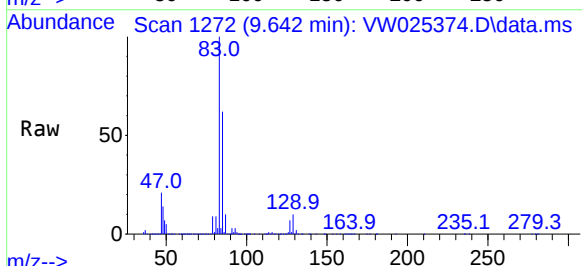
Tgt Ion: 83 Resp: 770345

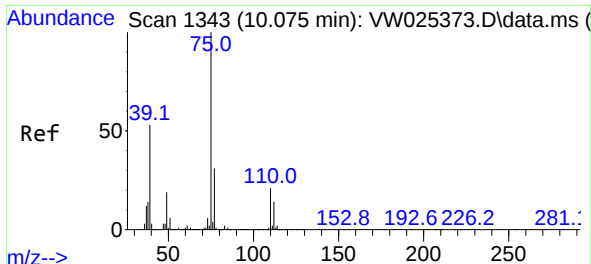
Ion Ratio Lower Upper

83 100

85 61.9 44.7 83.1

127 6.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 51.509 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

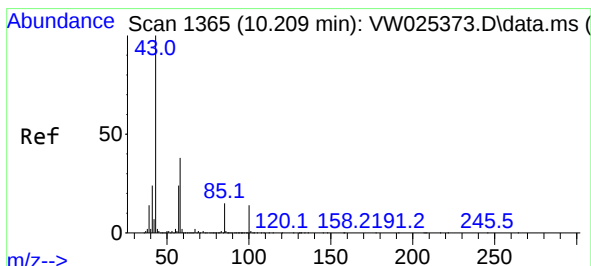
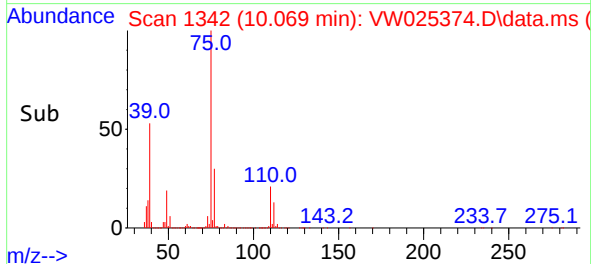
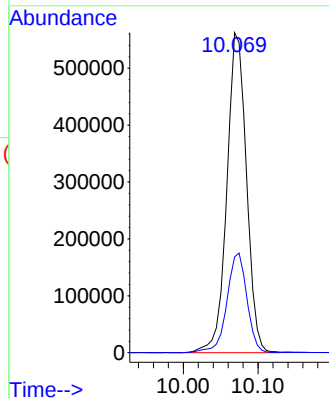
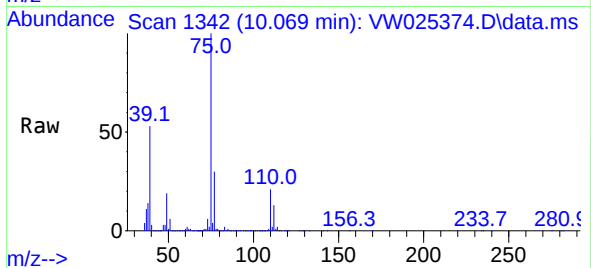
VSTD050434

Tgt Ion: 75 Resp: 1025969

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 89.173 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

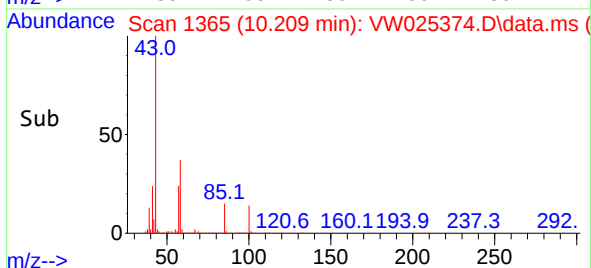
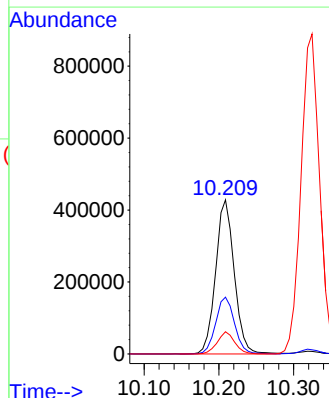
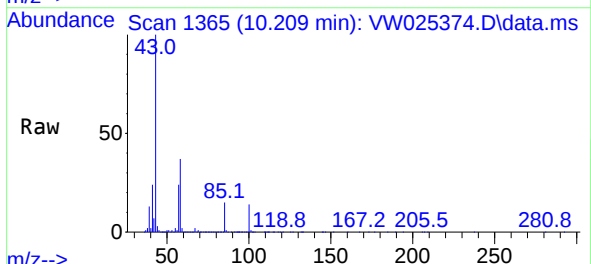
Tgt Ion: 43 Resp: 741015

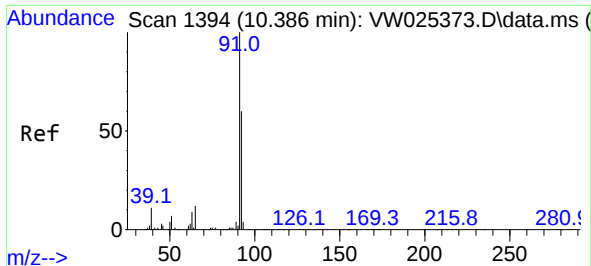
Ion Ratio Lower Upper

43 100

58 37.4 29.6 44.4

100 13.6 10.6 16.0

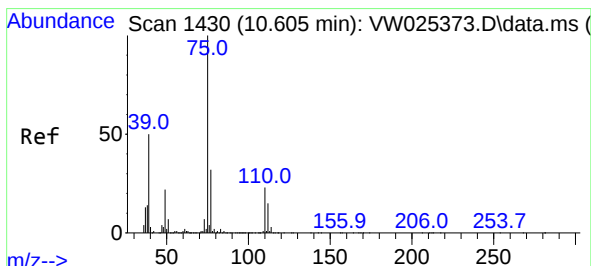
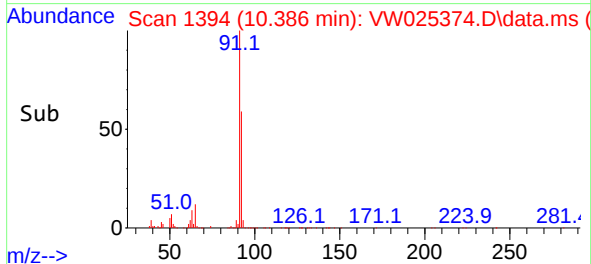
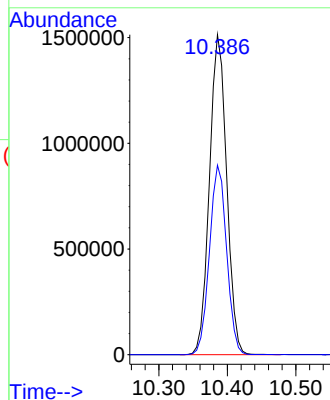
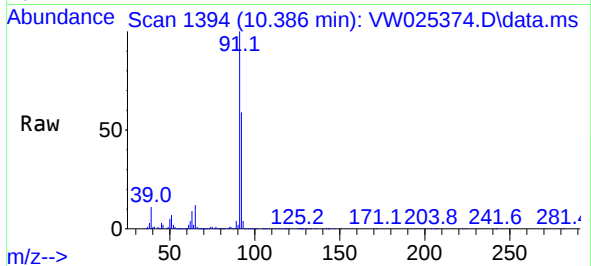




#42
Toluene
Concen: 50.958 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

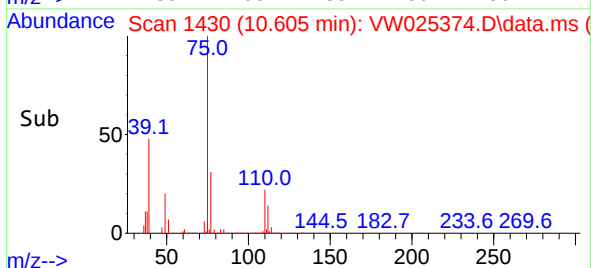
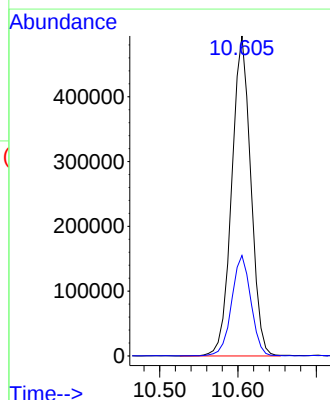
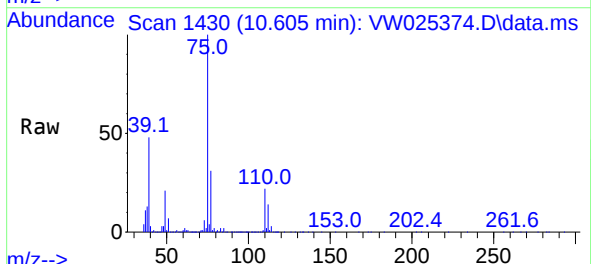
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

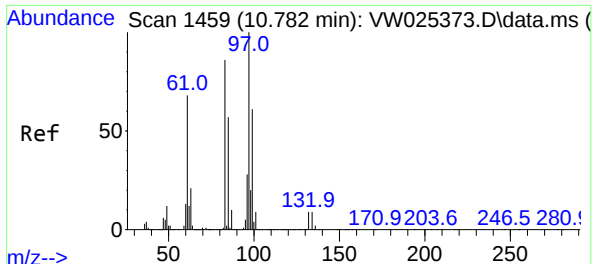
Tgt Ion: 91 Resp: 2642720
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 49.922 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 75 Resp: 832711
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.3



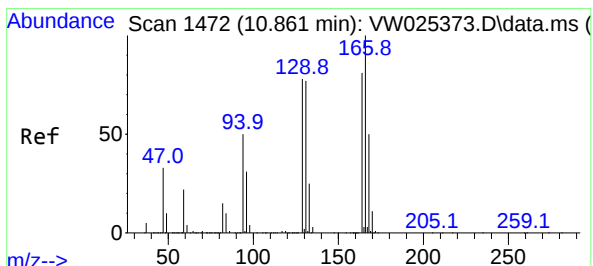
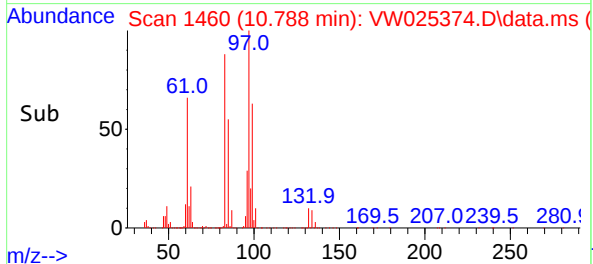
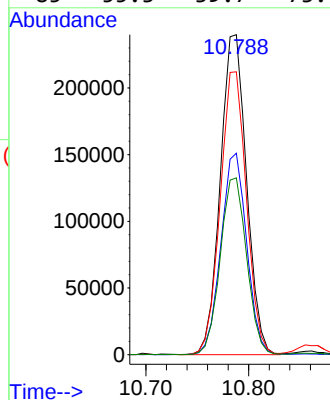
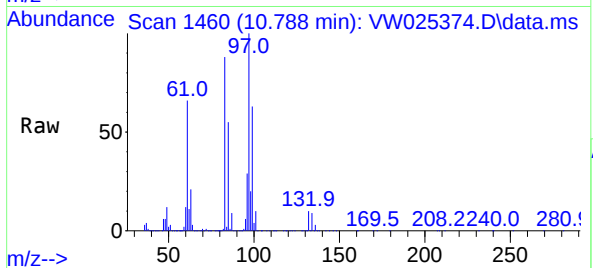


#45
1,1,2-Trichloroethane
Concen: 45.889 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

Tgt Ion: 97 Resp: 426081

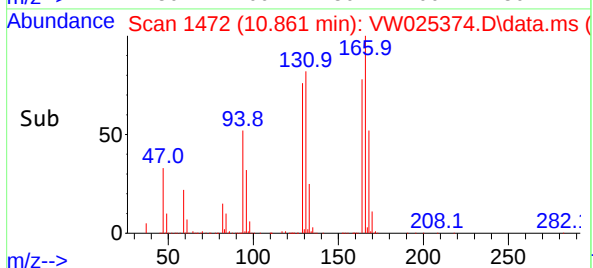
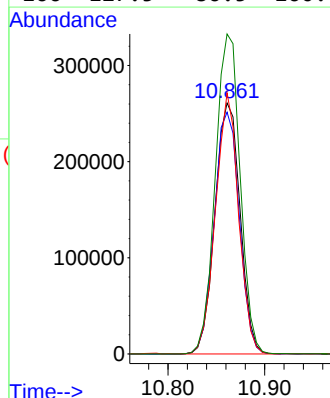
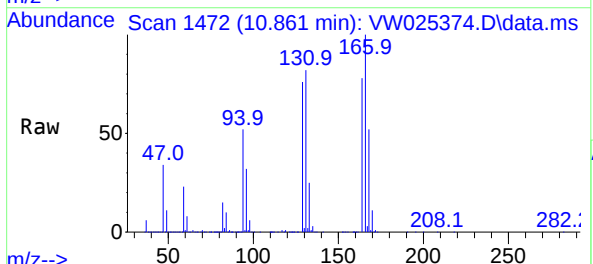
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.6	79.0
83	88.4	60.5	112.3
85	55.3	39.7	73.7

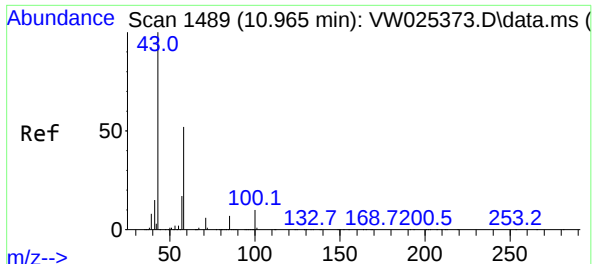


#46
Tetrachloroethene
Concen: 50.246 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 164 Resp: 471311

Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.7	125.7
131	103.9	67.0	124.4
166	127.5	86.5	160.7



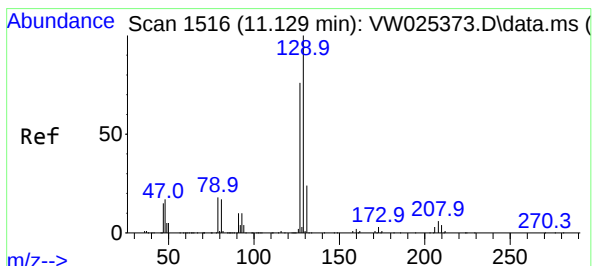
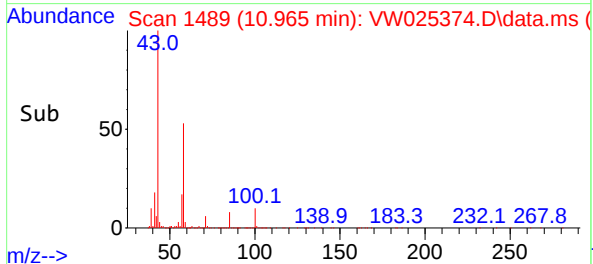
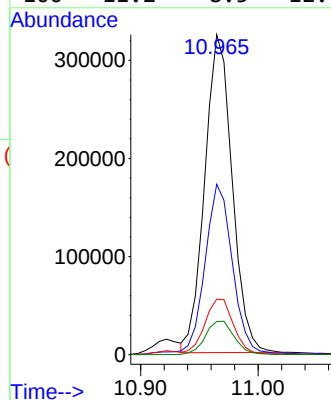
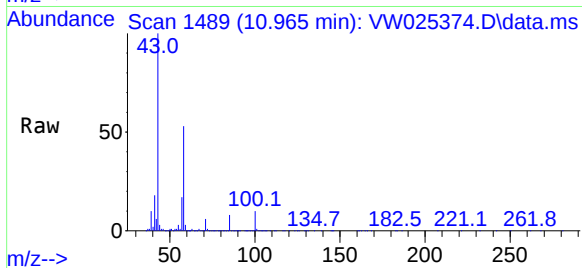


#48
2-Hexanone
Concen: 87.993 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

Tgt Ion: 43 Resp: 526069

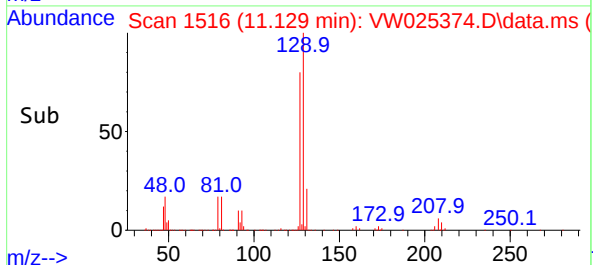
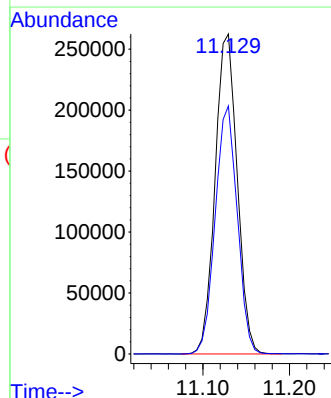
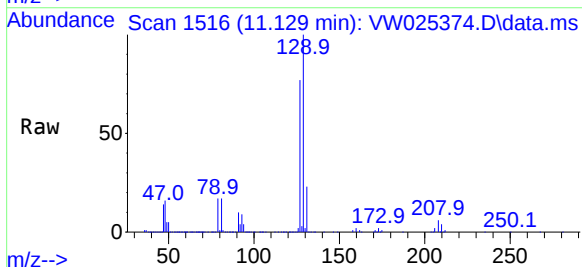
Ion	Ratio	Lower	Upper
43	100		
58	54.7	41.2	61.8
57	18.1	14.2	21.4
100	11.2	8.5	12.7

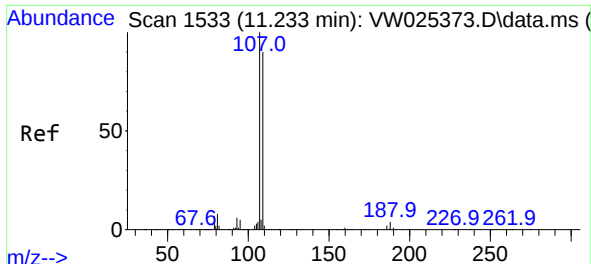


#49
Dibromochloromethane
Concen: 46.934 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 129 Resp: 465627

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 46.244 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD050434

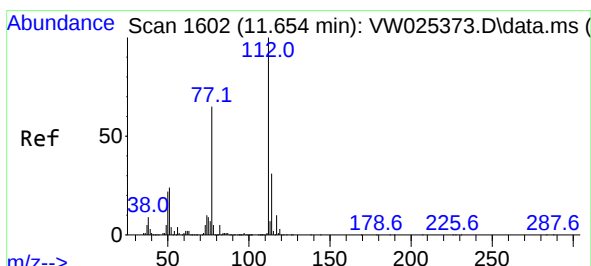
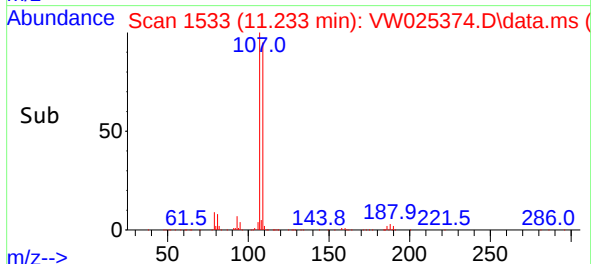
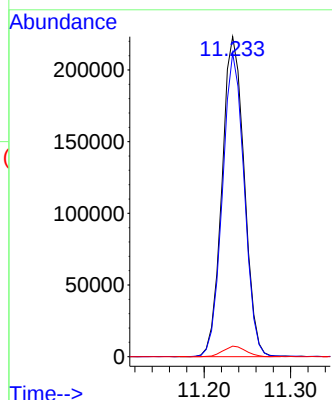
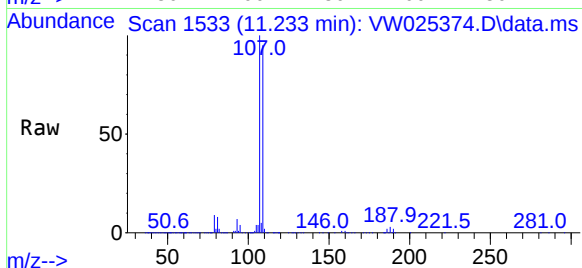
Tgt Ion:107 Resp: 397450

Ion Ratio Lower Upper

107 100

109 94.8 62.9 116.9

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 48.478 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

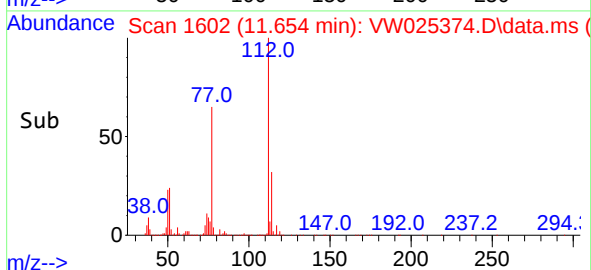
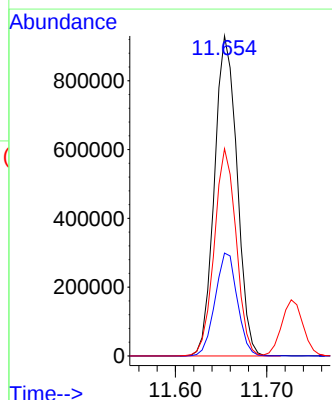
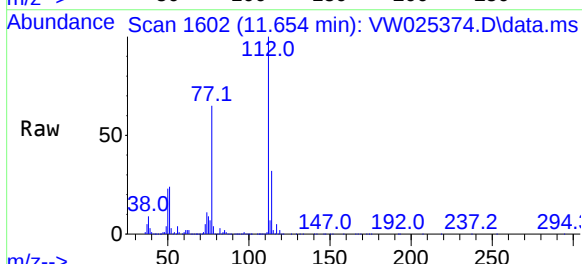
Tgt Ion:112 Resp: 1595614

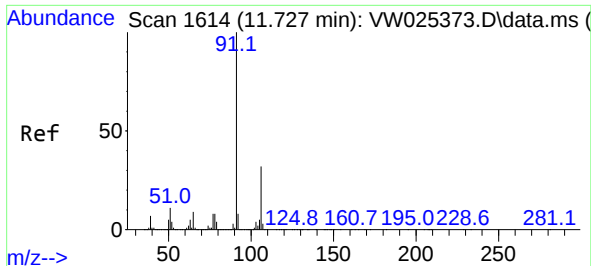
Ion Ratio Lower Upper

112 100

114 32.2 21.9 40.7

77 64.8 51.8 77.8





#52

Ethylbenzene

Concen: 51.127 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

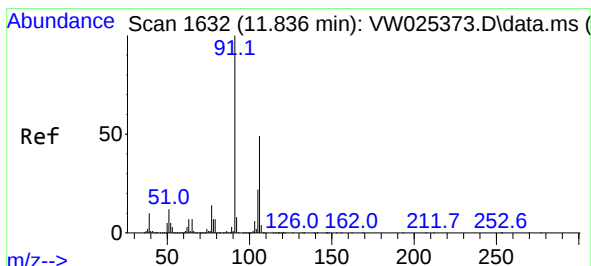
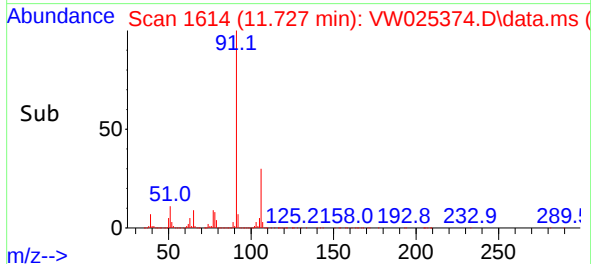
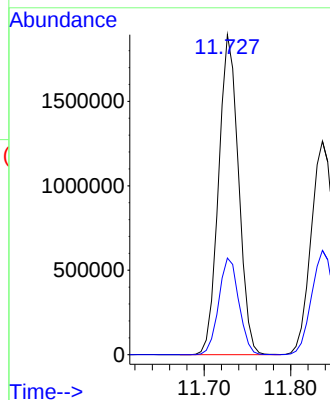
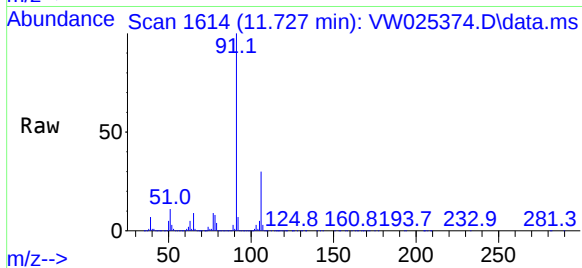
VSTD050434

Tgt Ion: 91 Resp: 3024038

Ion Ratio Lower Upper

91 100

106 30.2 22.0 41.0



#53

m,p-Xylene

Concen: 51.510 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.001 min

Lab File: VW025374.D

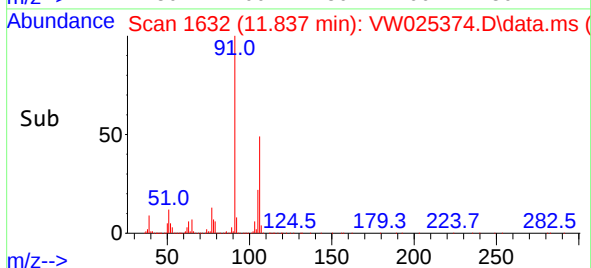
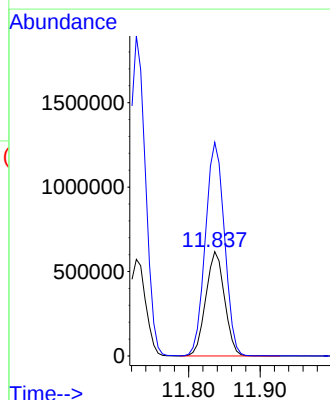
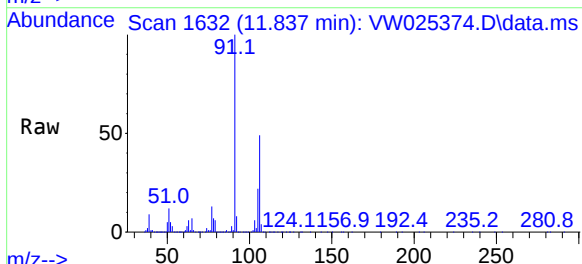
Acq: 06 Mar 2023 10:02

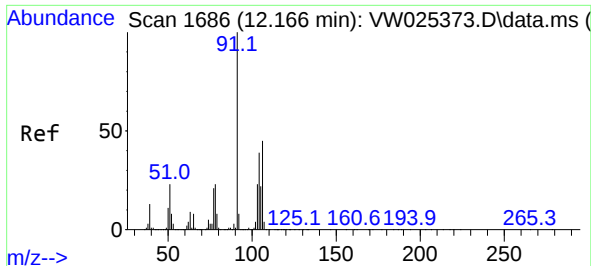
Tgt Ion:106 Resp: 1123710

Ion Ratio Lower Upper

106 100

91 204.9 144.2 267.8

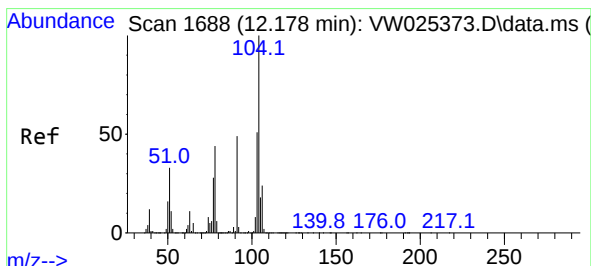
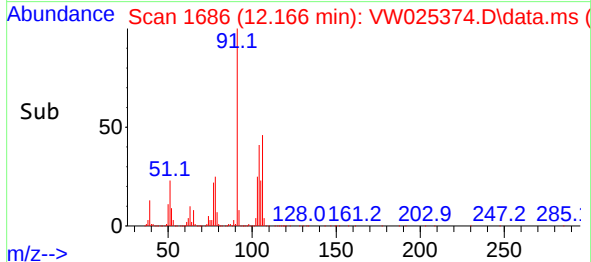
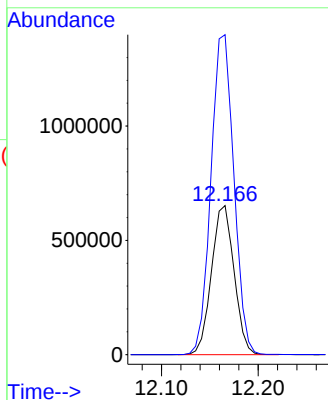
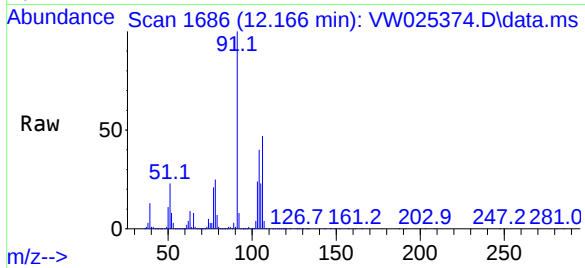




#54
o-Xylene
Concen: 51.600 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

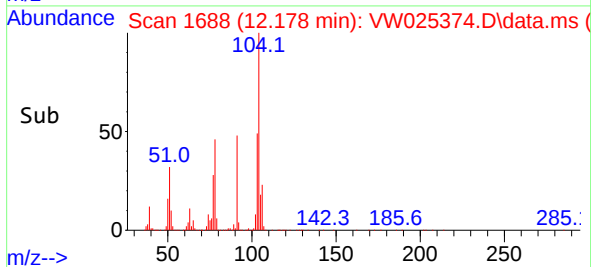
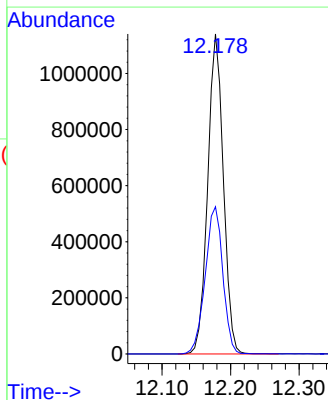
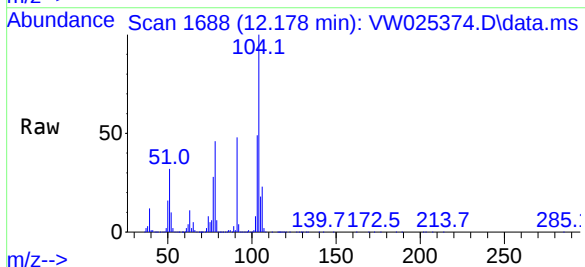
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

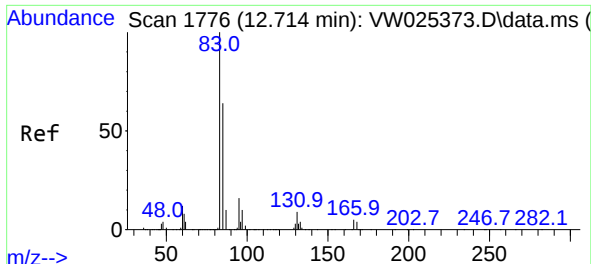
Tgt Ion:106 Resp: 1059261
Ion Ratio Lower Upper
106 100
91 214.5 154.6 287.2



#55
Styrene
Concen: 51.635 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:104 Resp: 1810107
Ion Ratio Lower Upper
104 100
78 46.0 31.1 57.9

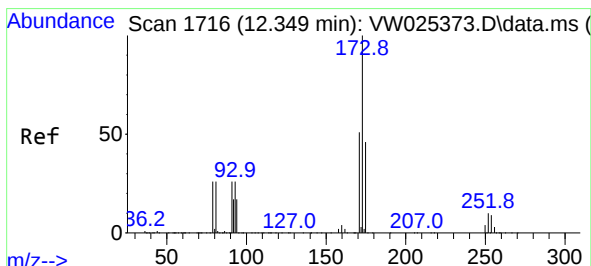
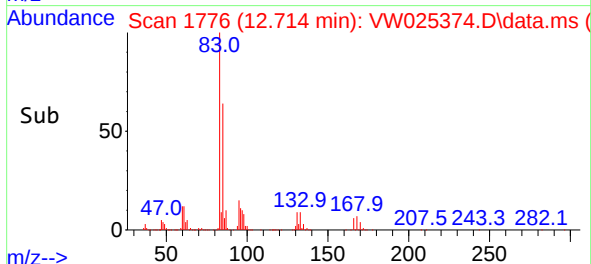
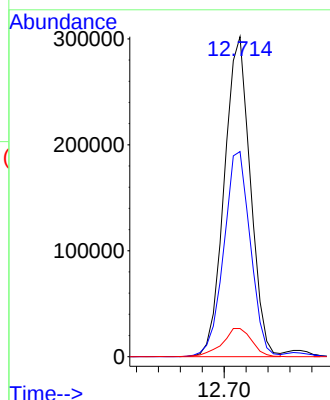
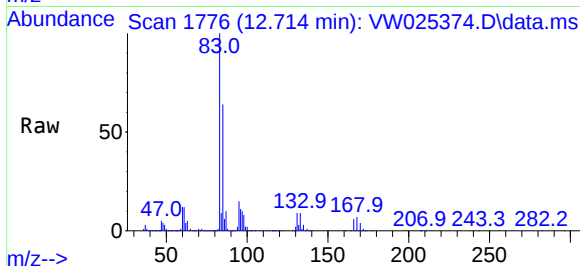




#57
1,1,2,2-Tetrachloroethane
Concen: 43.115 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

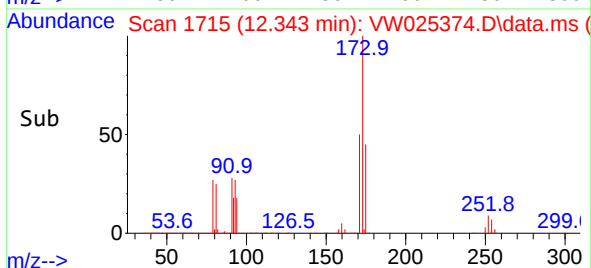
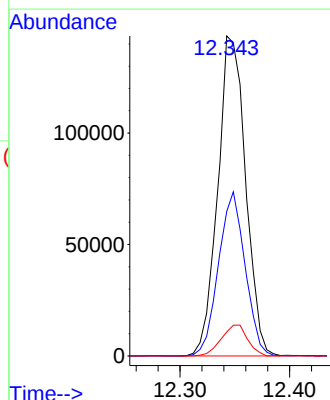
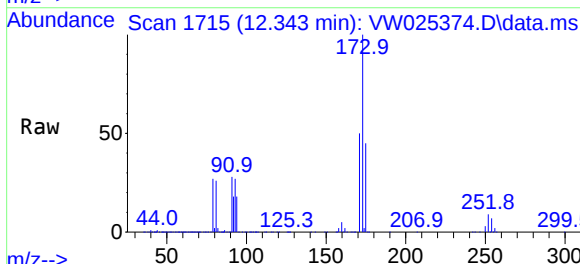
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

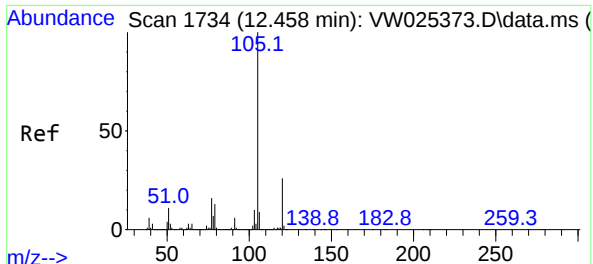
Tgt Ion: 83 Resp: 497972
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2
131 8.8 8.0 12.0



#59
Bromoform
Concen: 45.580 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 173 Resp: 253213
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 9.1 7.9 11.9

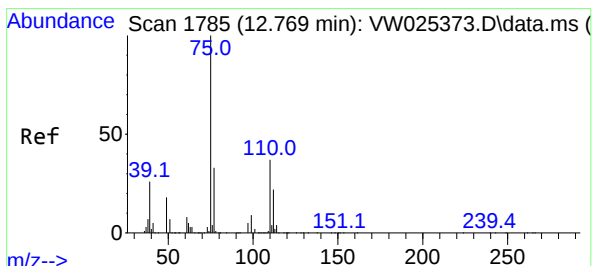
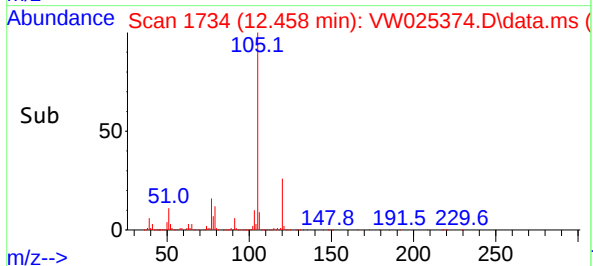
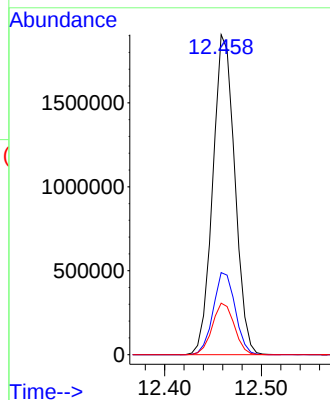
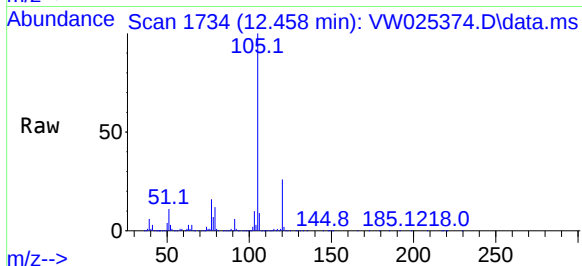




#60
Isopropylbenzene
Concen: 52.396 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

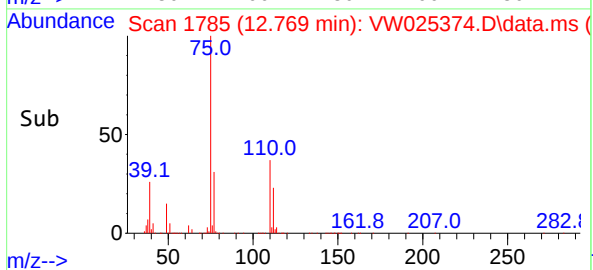
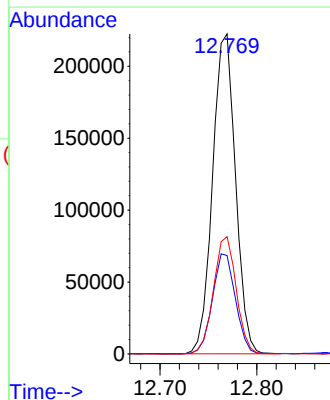
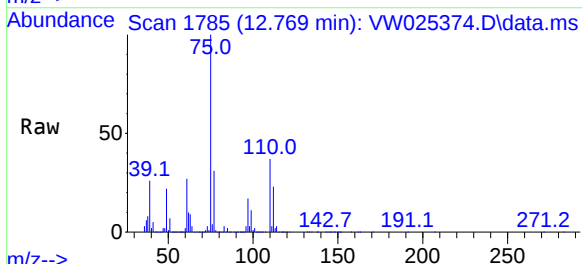
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

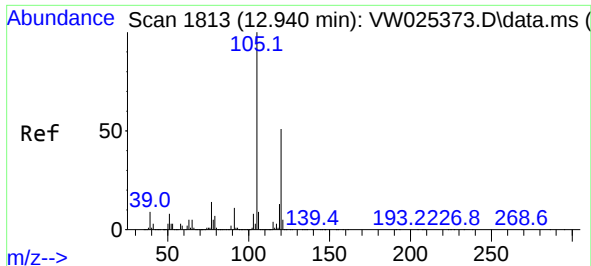
Tgt Ion:105 Resp: 3007559
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 43.633 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion: 75 Resp: 366051
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
110 36.4 28.9 43.3

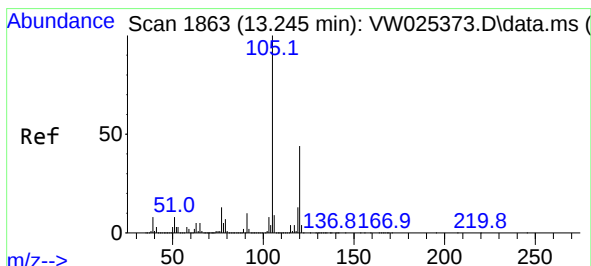
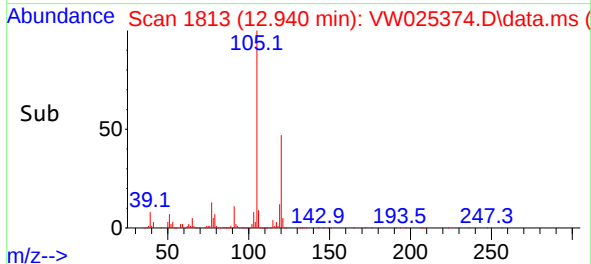
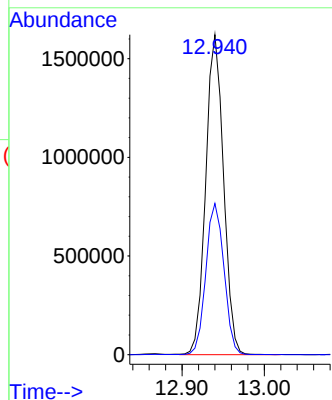
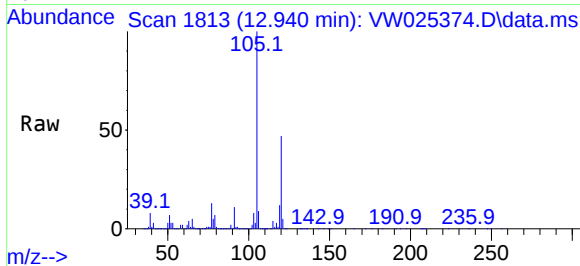




#62
1,3,5-Trimethylbenzene
Concen: 53.720 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

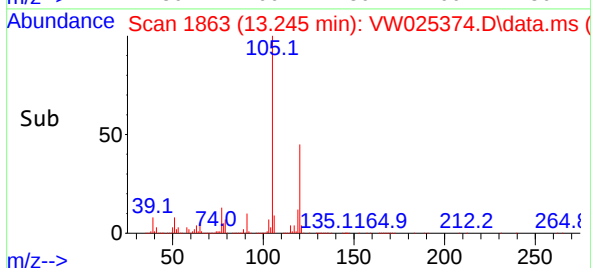
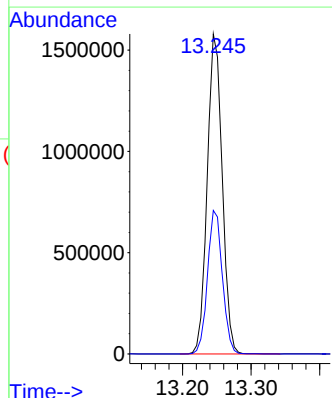
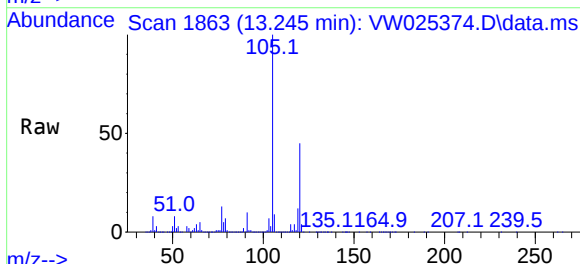
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

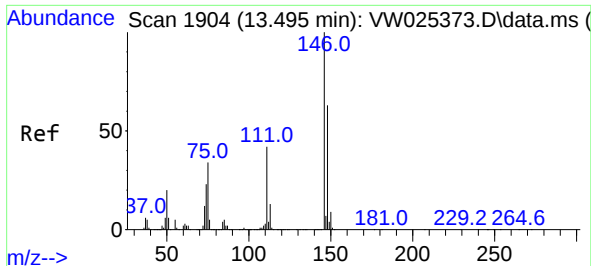
Tgt Ion:105 Resp: 2442149
Ion Ratio Lower Upper
105 100
120 48.0 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 53.634 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:105 Resp: 2401968
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0

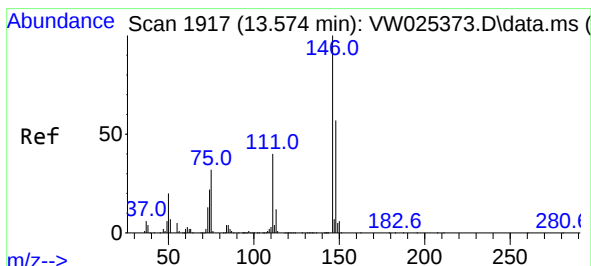
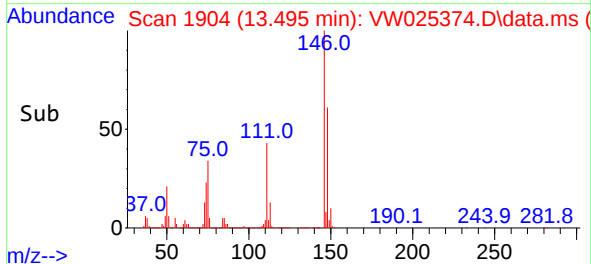
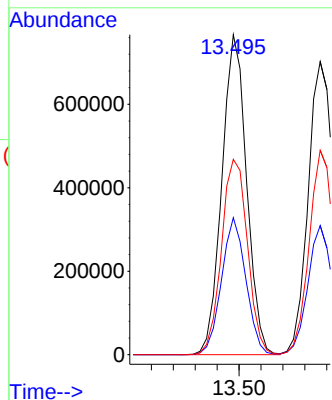
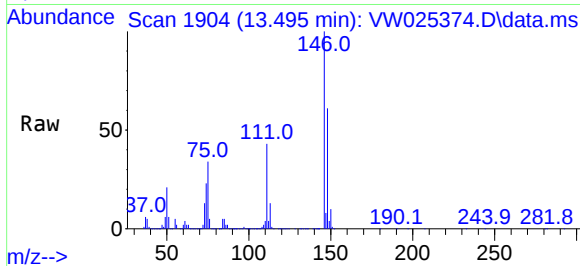




#64
1,3-Dichlorobenzene
Concen: 49.432 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

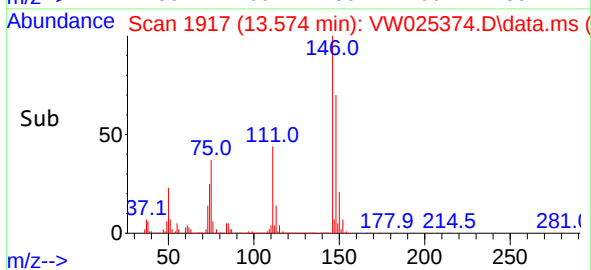
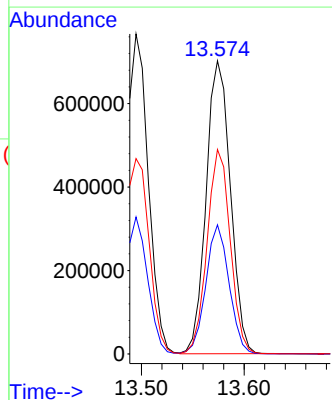
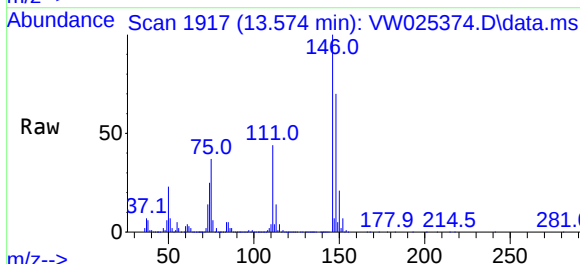
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

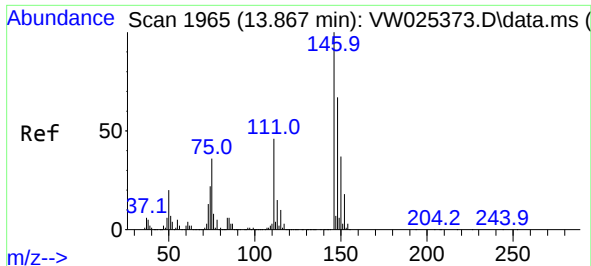
Tgt Ion:146 Resp: 1202322
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 61.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 46.184 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:146 Resp: 1152230
Ion Ratio Lower Upper
146 100
111 44.0 28.2 52.4
148 69.8 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 48.082 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD050434

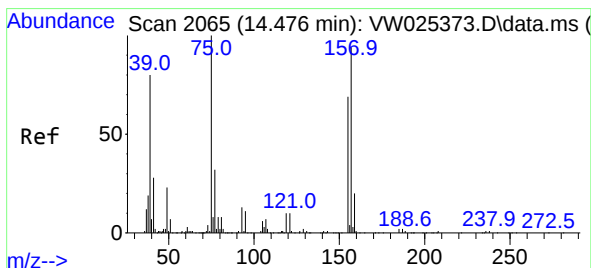
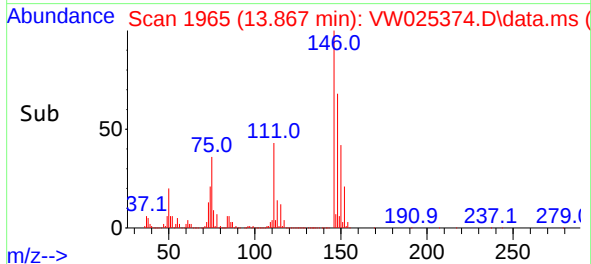
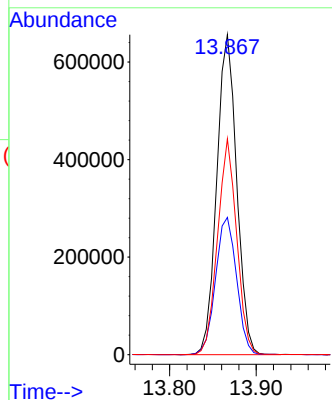
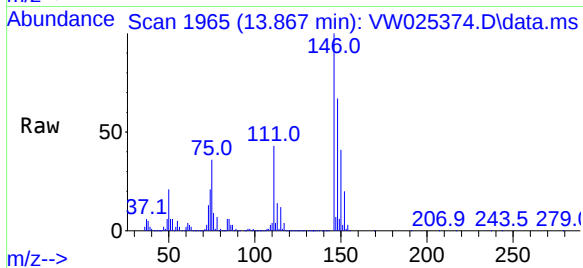
Tgt Ion:146 Resp: 1048895

Ion Ratio Lower Upper

146 100

111 42.9 36.6 54.8

148 67.5 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 39.919 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025374.D

Acq: 06 Mar 2023 10:02

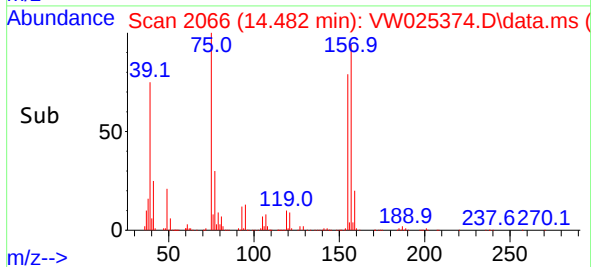
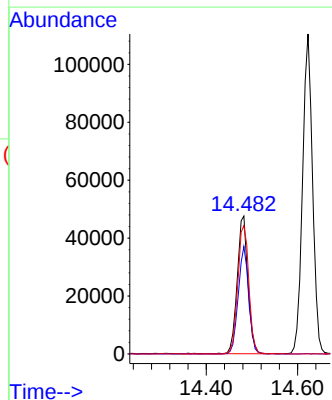
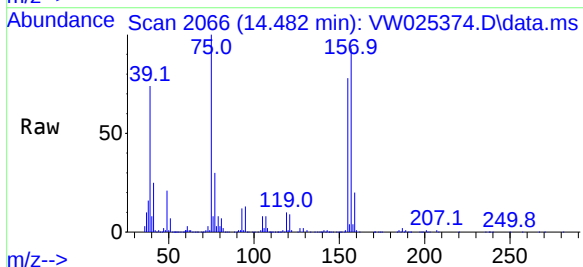
Tgt Ion: 75 Resp: 77529

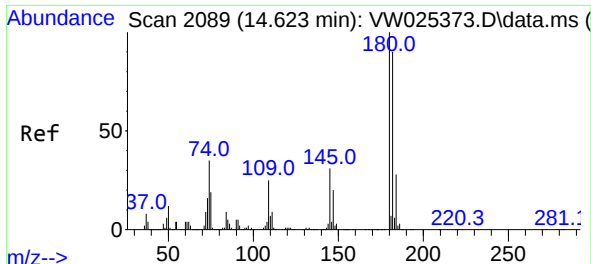
Ion Ratio Lower Upper

75 100

155 78.0 55.4 83.0

157 93.1 75.3 112.9

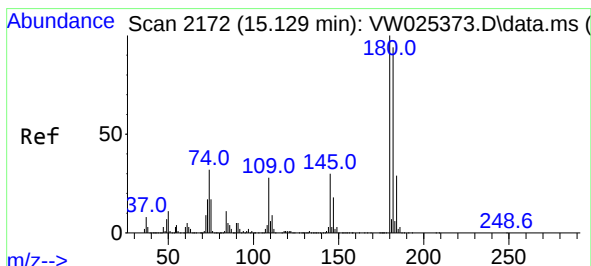
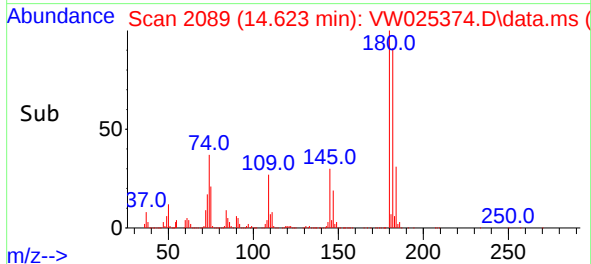
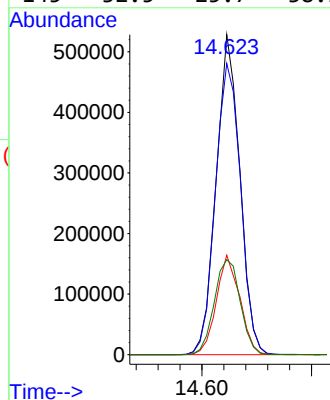
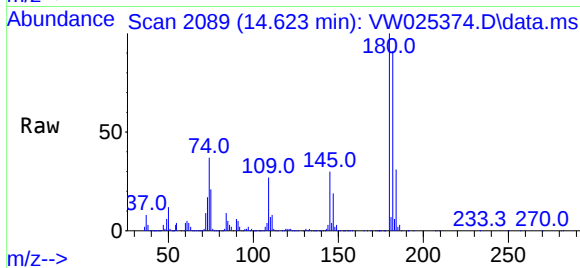




#69
1,3,5-Trichlorobenzene
Concen: 48.079 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

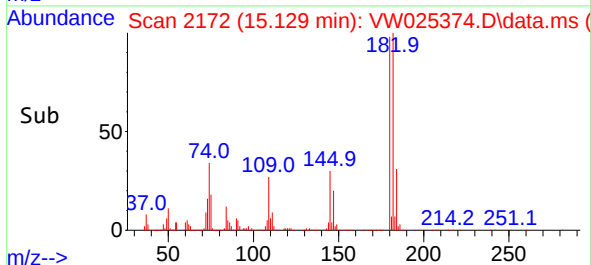
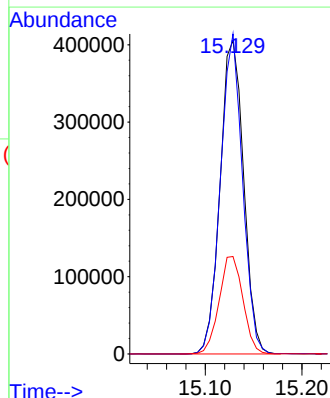
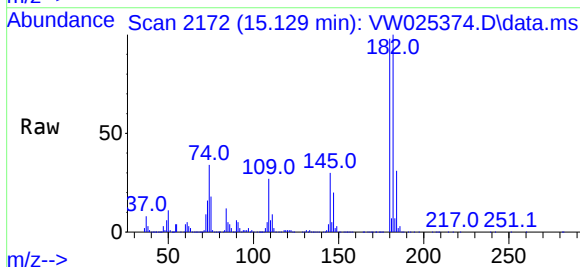
Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

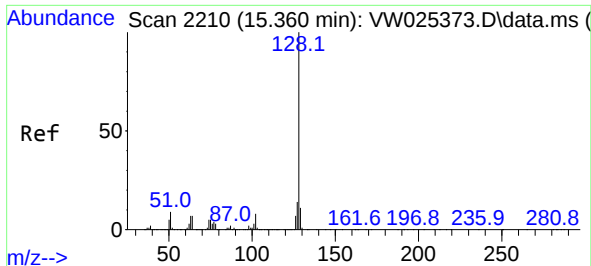
Tgt Ion:	180	Resp:	794924
Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.1	115.7
184	30.7	24.7	37.1
145	32.5	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 49.890 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:	180	Resp:	683926
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.5	113.3
145	31.6	25.2	37.8

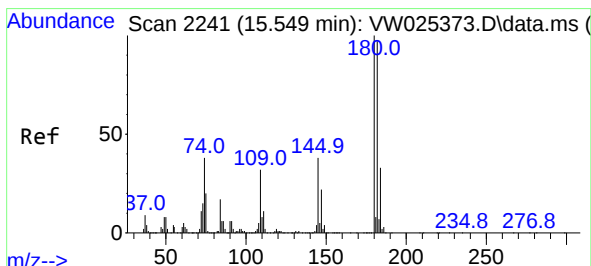
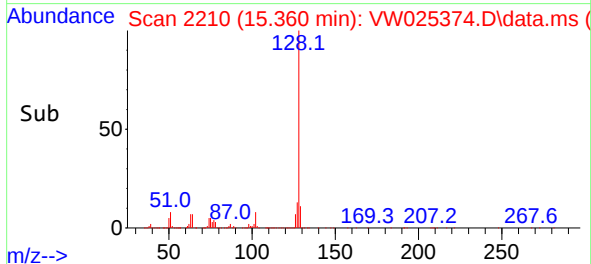
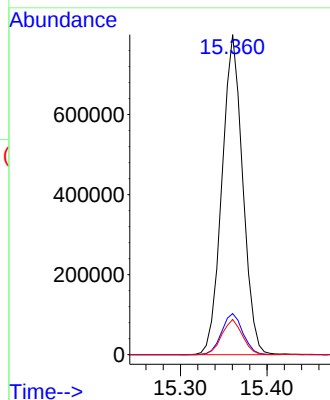
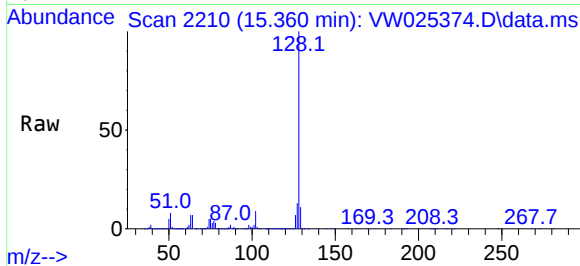




#71
Naphthalene
Concen: 49.224 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD050434

Tgt Ion:128 Resp: 1331999
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.823 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025374.D
Acq: 06 Mar 2023 10:02

Tgt Ion:180 Resp: 576526
Ion Ratio Lower Upper
180 100
182 96.9 76.6 114.8
145 34.5 27.7 41.5

