

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025548.D
 Acq On : 03 Apr 2023 10:30
 Operator : SY/MD
 Sample : VSTD050440
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050440

Quant Time: Apr 04 02:51:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 03 11:21:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	764439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	683500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	333994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	616164	49.498	ug/L	0.00
7) Chloroethane-d5	2.899	69	442057	50.270	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	1279245	50.851	ug/L	0.00
21) 2-Butanone-d5	7.075	46	293108	105.229	ug/L	0.00
24) Chloroform-d	7.648	84	1074798	50.075	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	550902	49.336	ug/L	0.00
32) Benzene-d6	8.276	84	2228736	50.358	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	690233	50.018	ug/L	0.00
41) Toluene-d8	10.319	98	2018789	52.207	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	274138	52.987	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	211238	111.991	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	465966	50.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	576193	50.216	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	581210	62.843	ug/L	97
3) Chloromethane	2.223	50	697484	56.238	ug/L	100
5) Vinyl chloride	2.375	62	732200	53.405	ug/L	97
6) Bromomethane	2.789	94	387314	52.515	ug/L	98
8) Chloroethane	2.936	64	403014	52.485	ug/L	99
9) Trichlorofluoromethane	3.271	101	595451	56.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	568662	53.651	ug/L	99
12) 1,1-Dichloroethene	4.045	96	558264	52.777	ug/L	96
13) Acetone	4.119	43	239229	101.482	ug/L	99
14) Carbon disulfide	4.393	76	1983264	52.984	ug/L	99
15) Methyl Acetate	4.667	43	275830	52.273	ug/L	98
16) Methylene chloride	4.917	84	560876	46.159	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	585210	51.883	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	818132	52.563	ug/L	100
19) 1,1-Dichloroethane	6.216	63	1166270	51.751	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	626639	53.395	ug/L	97
22) 2-Butanone	7.167	43	358528	107.379	ug/L	99
23) Bromochloromethane	7.514	128	245769	51.065	ug/L	88
25) Chloroform	7.679	83	1054246	51.156	ug/L	99
27) 1,2-Dichloroethane	8.398	62	712254	51.503	ug/L	97
29) Cyclohexane	7.959	56	1213838	54.869	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	871730	51.329	ug/L	100
31) Carbon tetrachloride	8.069	117	783465	51.087	ug/L	97
33) Benzene	8.325	78	2441280	51.315	ug/L	100
34) Trichloroethene	9.093	95	622652	50.317	ug/L	92
35) Methylcyclohexane	9.337	83	1189219	53.220	ug/L	99
37) 1,2-Dichloropropane	9.368	63	643588	51.223	ug/L	99
38) Bromodichloromethane	9.642	83	740170	51.488	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	978281	54.280	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	761035	107.011	ug/L	100
42) Toluene	10.386	91	2529794	52.221	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	808667	54.413	ug/L	98

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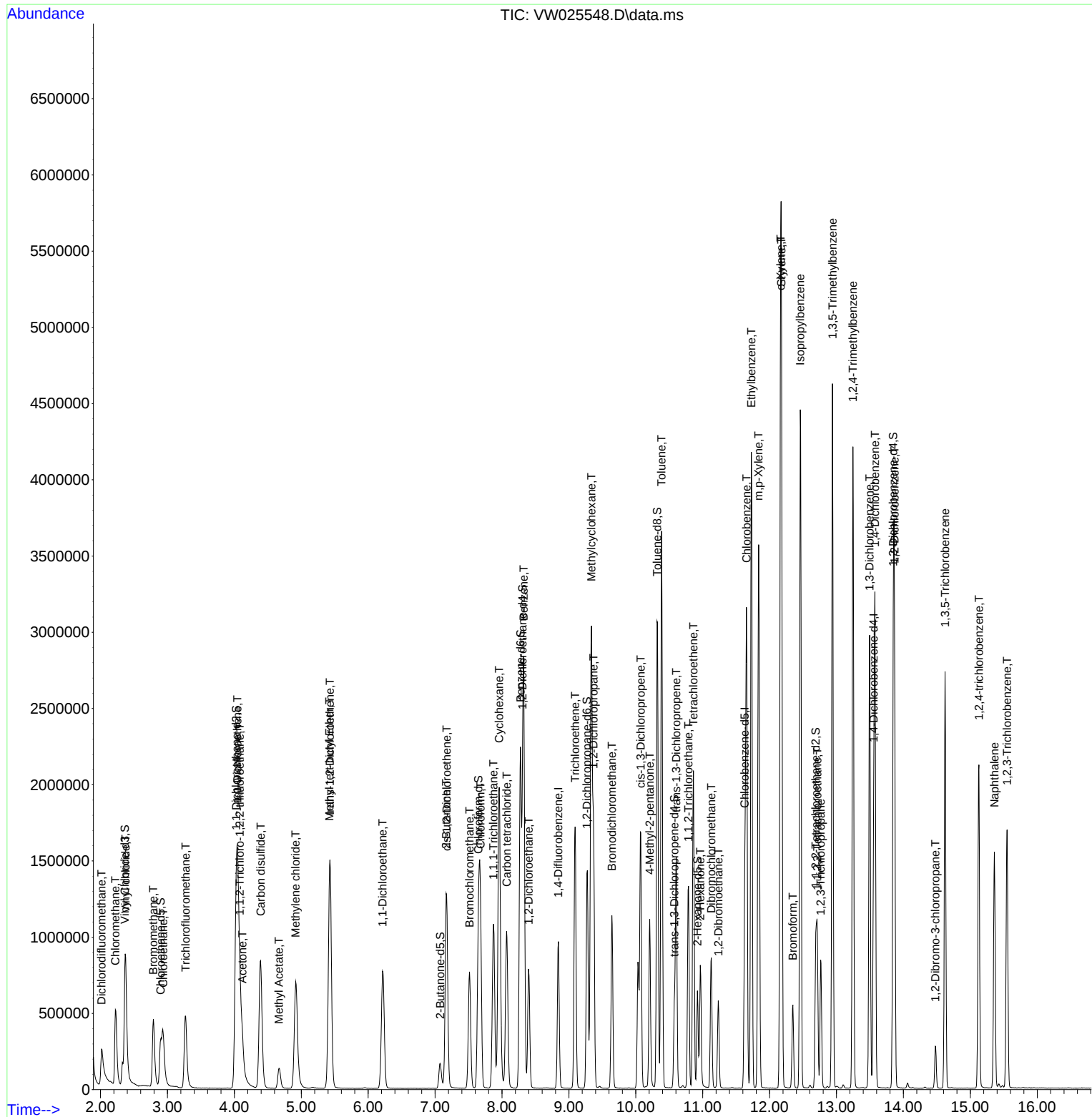
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	408557	50.996	ug/L	98
46) Tetrachloroethene	10.861	164	439705	50.522	ug/L	95
48) 2-Hexanone	10.965	43	540996	110.098	ug/L	97
49) Dibromochloromethane	11.129	129	435337	51.610	ug/L	98
50) 1,2-Dibromoethane	11.233	107	388940	52.838	ug/L	100
51) Chlorobenzene	11.654	112	1516560	50.803	ug/L	97
52) Ethylbenzene	11.727	91	2893065	52.774	ug/L	99
53) m,p-Xylene	11.837	106	1065872	53.018	ug/L	100
54) o-Xylene	12.166	106	1013005	53.862	ug/L	93
55) Styrene	12.178	104	1704690	53.850	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	486781	50.727	ug/L	100
59) Bromoform	12.349	173	242653	53.019	ug/L	97
60) Isopropylbenzene	12.458	105	2838103	54.246	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	351799	50.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2344935	56.777	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	2204198	55.425	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1120427	51.677	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	1119762	50.571	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	995275	52.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	74181	48.851	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	758950	52.284	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	621308	52.690	ug/L	97
71) Naphthalene	15.360	128	1252075	56.905	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	535253	51.917	ug/L	98

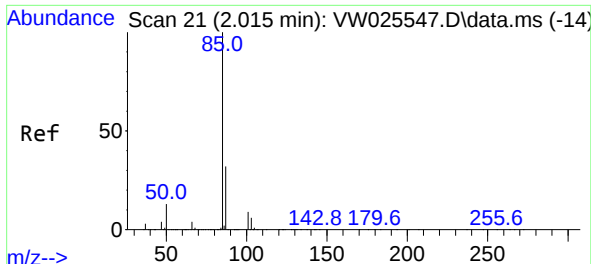
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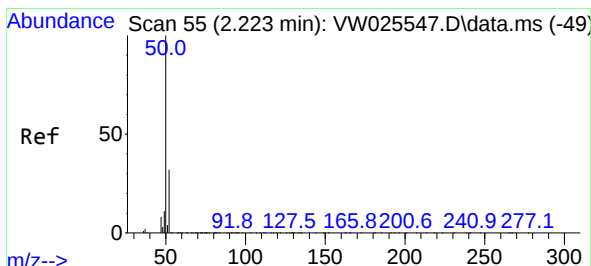
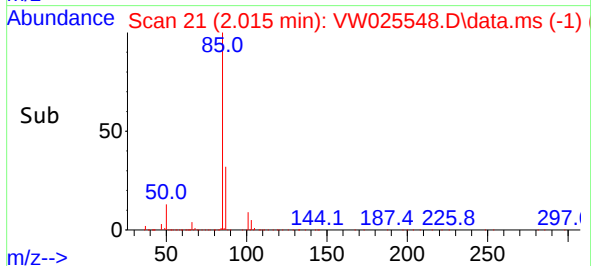
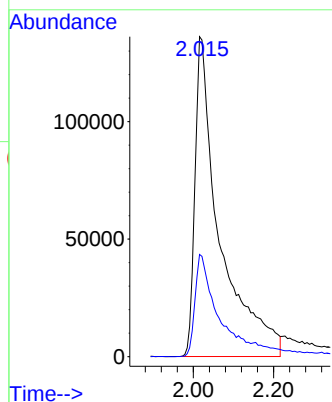
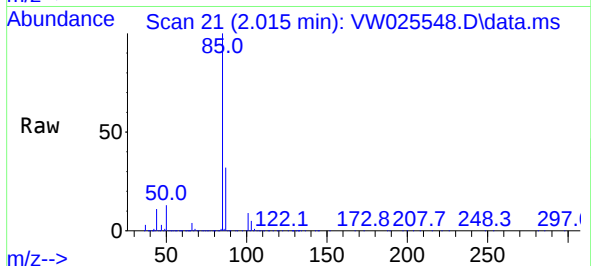




#2
 Dichlorodifluoromethane
 Concen: 62.843 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

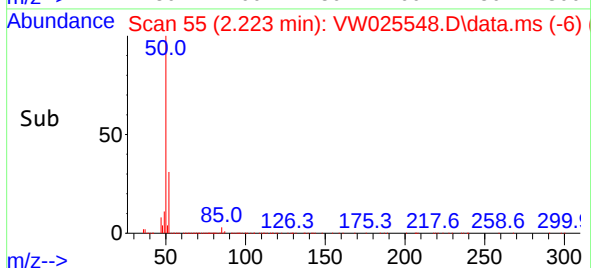
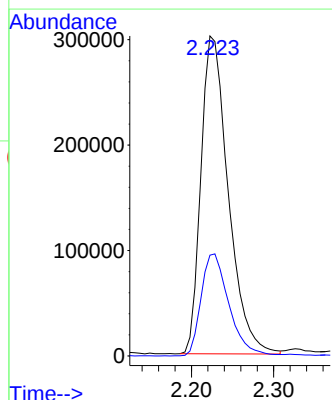
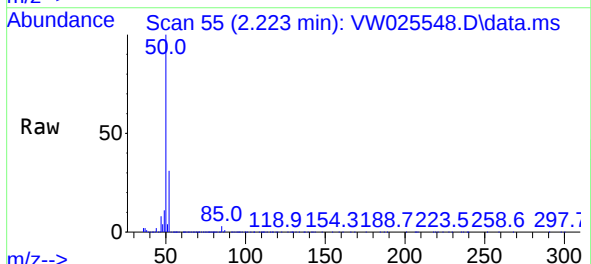
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050440

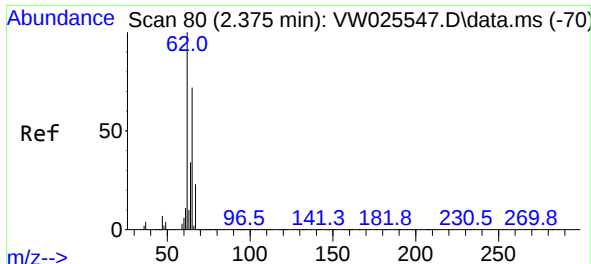
Tgt Ion: 85 Resp: 581210
 Ion Ratio Lower Upper
 85 100
 87 29.0 24.6 37.0



#3
 Chloromethane
 Concen: 56.238 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

Tgt Ion: 50 Resp: 697484
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.2 41.2

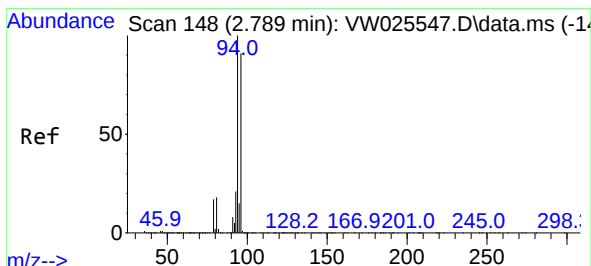
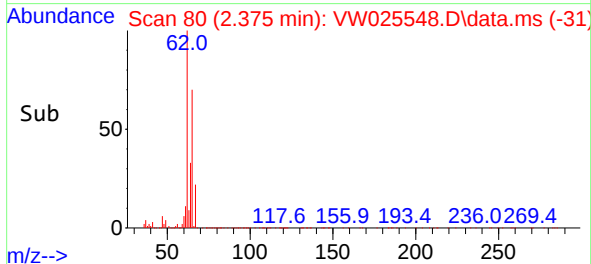
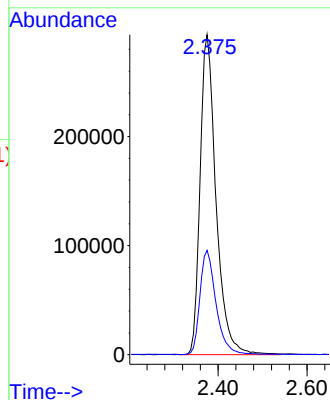
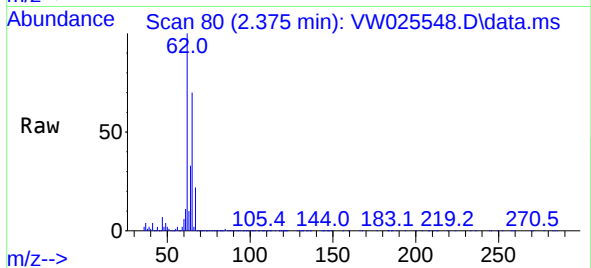




#5
 Vinyl chloride
 Concen: 53.405 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

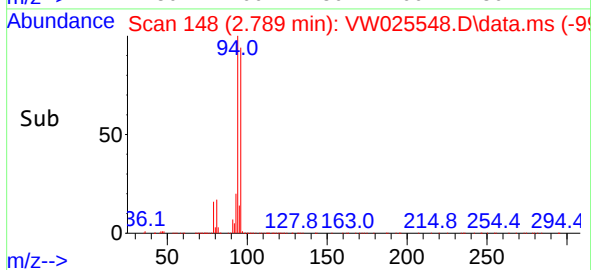
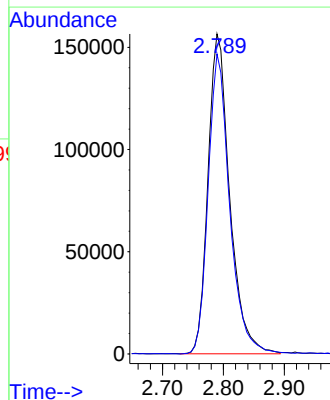
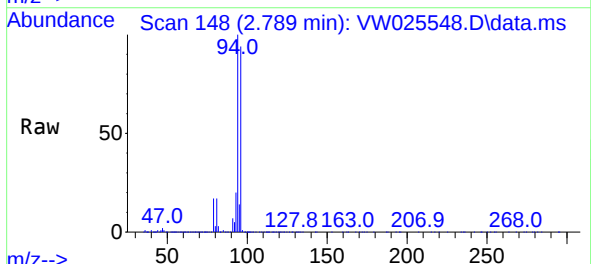
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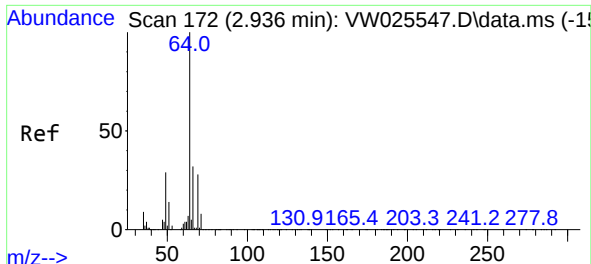
Tgt Ion: 62 Resp: 732200
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.9 44.3



#6
 Bromomethane
 Concen: 52.515 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

Tgt Ion: 94 Resp: 387314
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.0 118.8

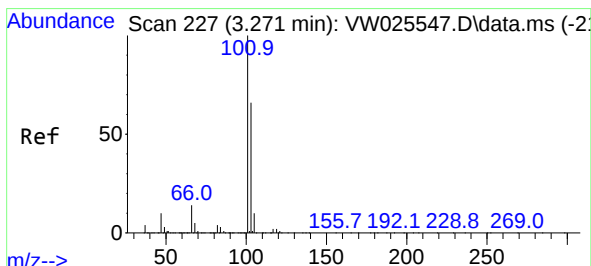
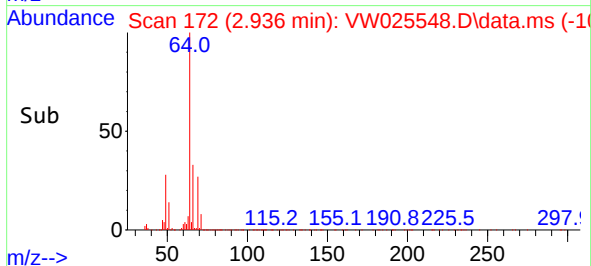
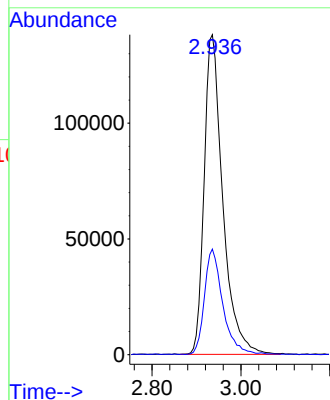
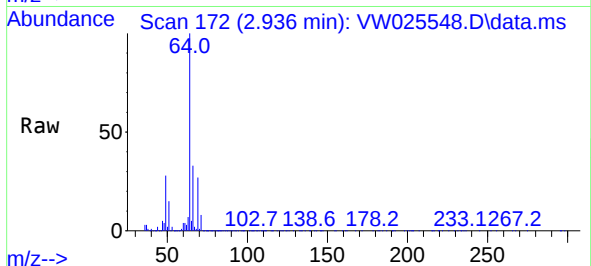




#8
Chloroethane
Concen: 52.485 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

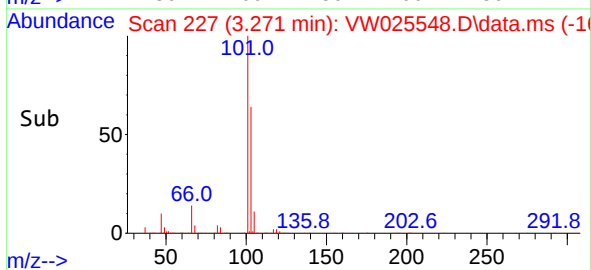
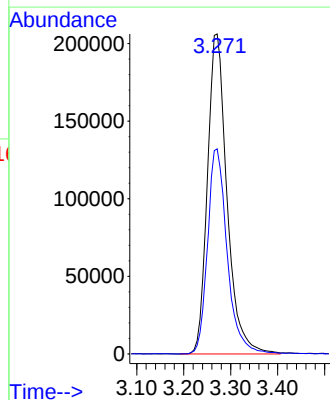
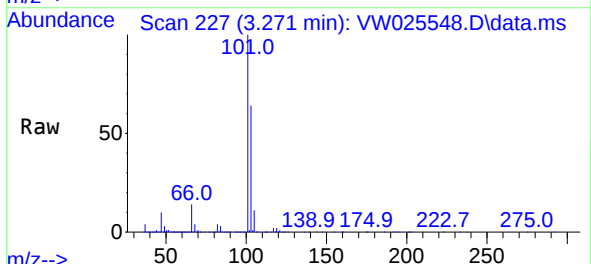
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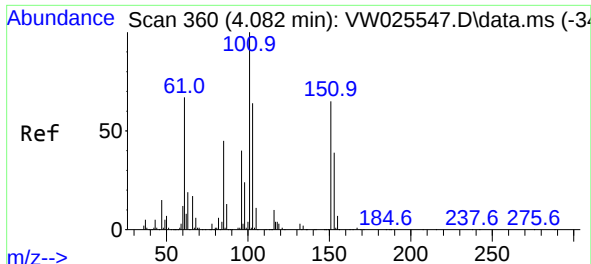
Tgt Ion: 64 Resp: 403014
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 56.375 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:101 Resp: 595451
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

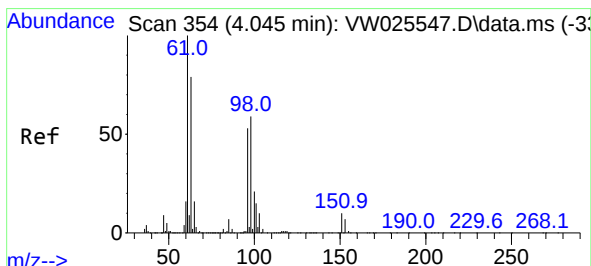
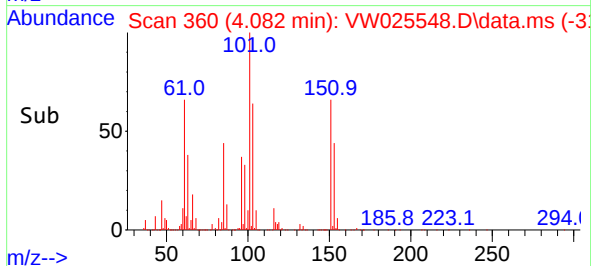
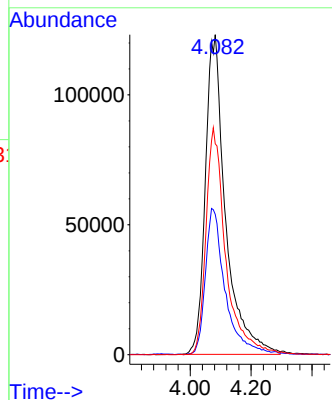
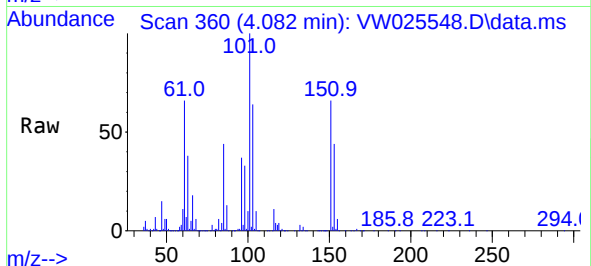




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.651 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

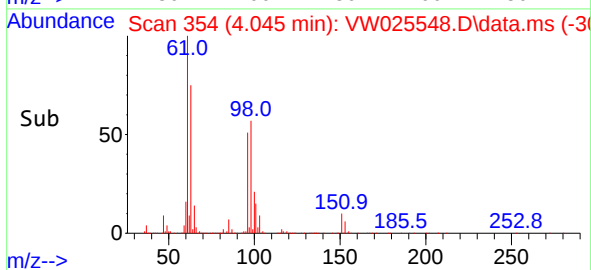
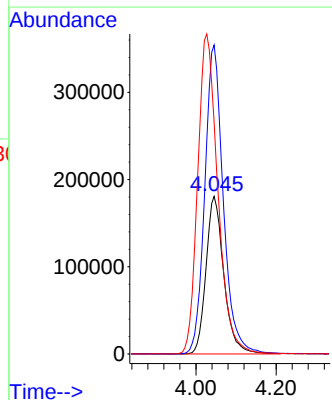
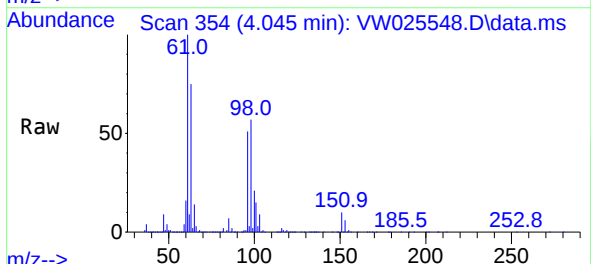
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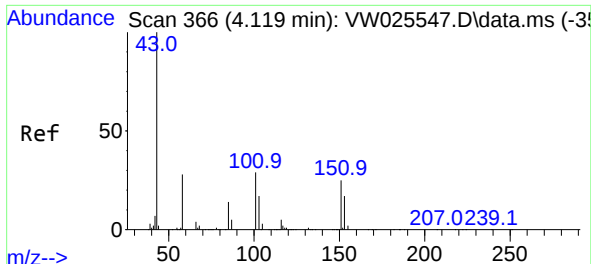
Tgt Ion:101 Resp: 568662
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.5 51.7
 151 68.3 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 52.777 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025548.D
 Acq: 03 Apr 2023 10:30

Tgt Ion: 96 Resp: 558264
 Ion Ratio Lower Upper
 96 100
 61 195.9 132.7 246.4
 63 146.9 105.0 195.0

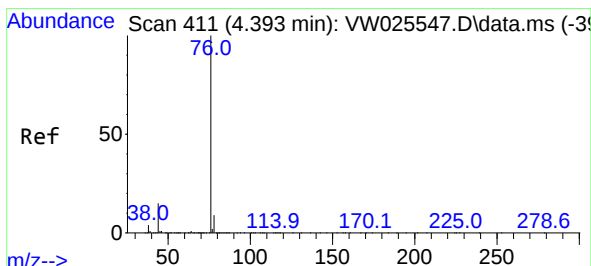
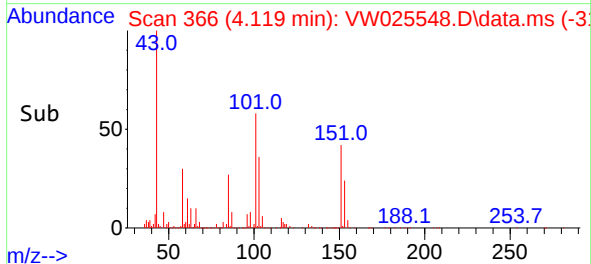
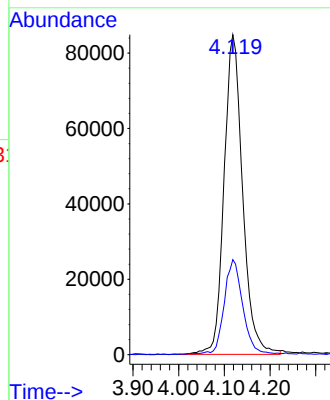
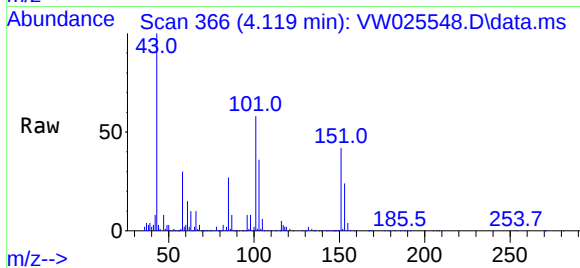




#13
Acetone
Concen: 101.482 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

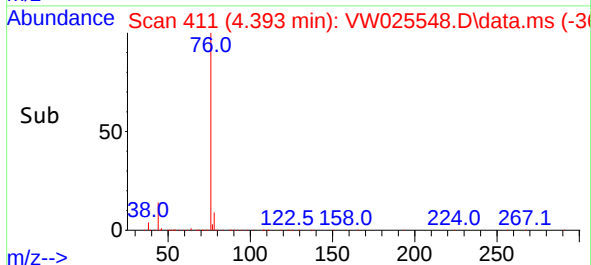
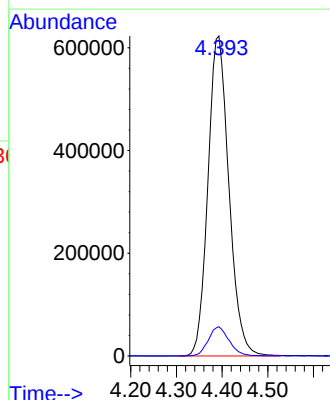
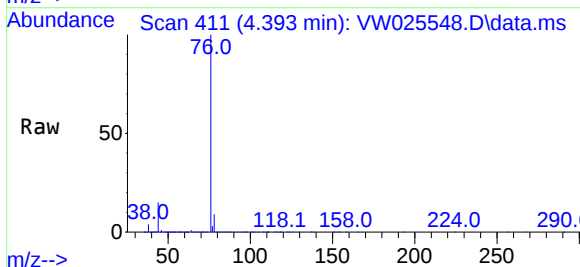
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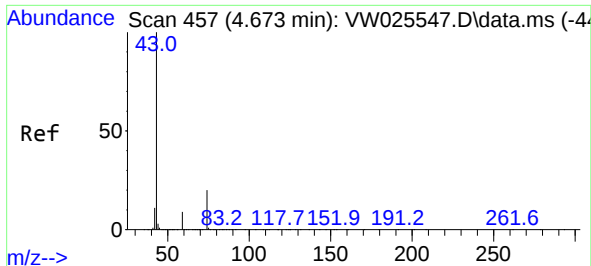
Tgt Ion: 43 Resp: 239229
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.4



#14
Carbon disulfide
Concen: 52.984 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 1983264
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

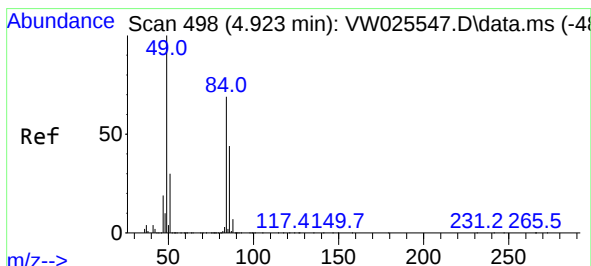
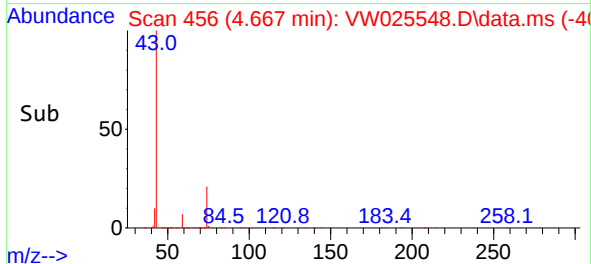
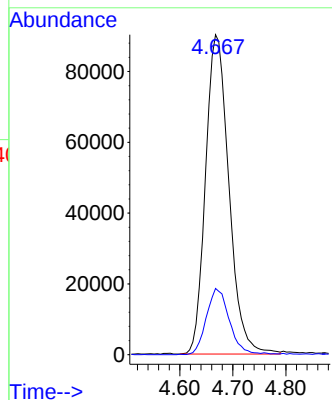
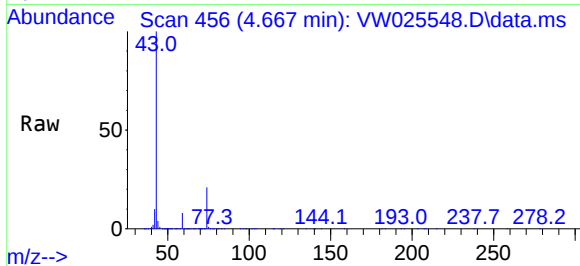




#15
Methyl Acetate
Concen: 52.273 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

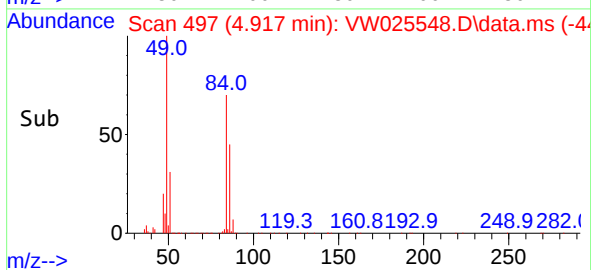
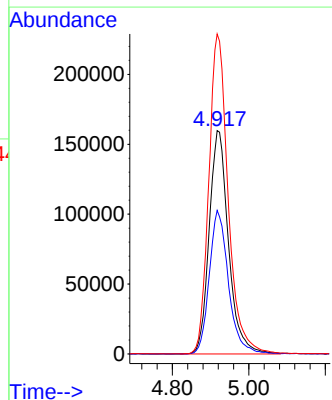
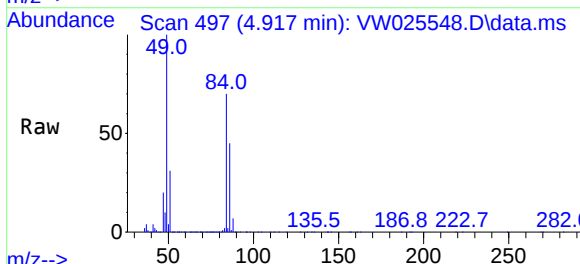
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

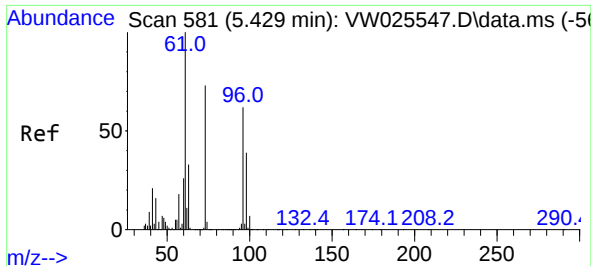
Tgt Ion: 43 Resp: 275830
Ion Ratio Lower Upper
43 100
74 20.2 17.0 25.4



#16
Methylene chloride
Concen: 46.159 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 84 Resp: 560876
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.3
49 143.3 101.4 188.4

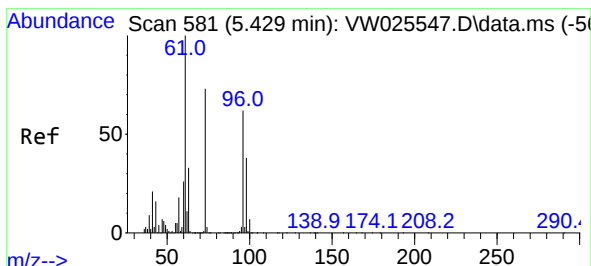
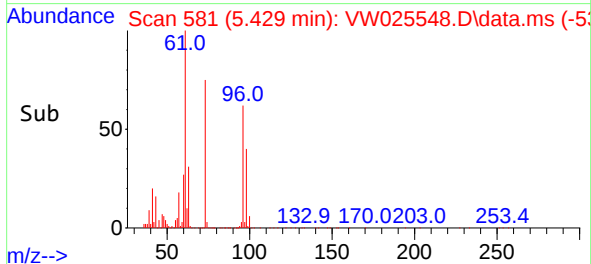
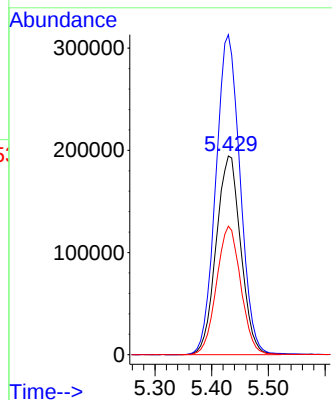
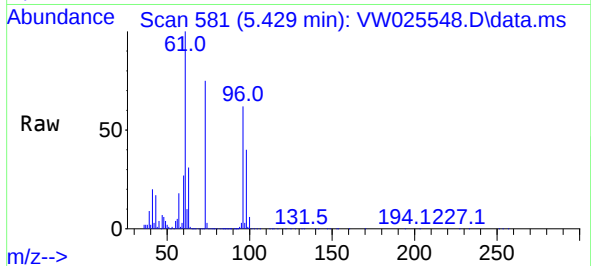




#17
trans-1,2-Dichloroethene
Concen: 51.883 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

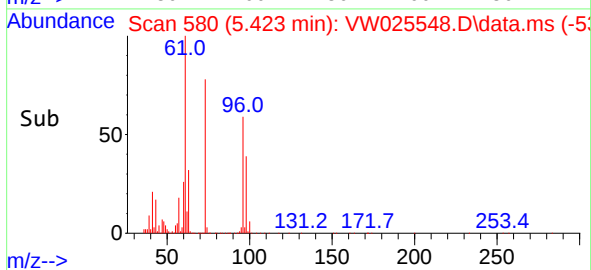
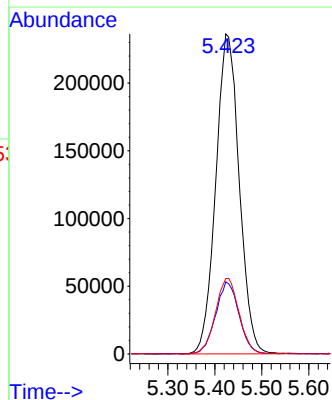
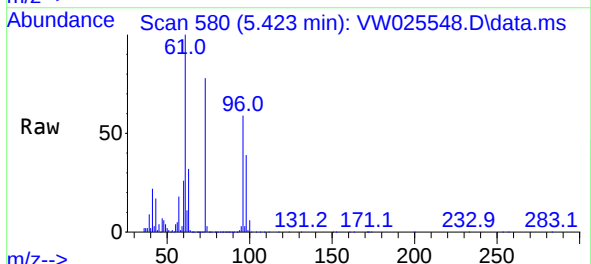
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

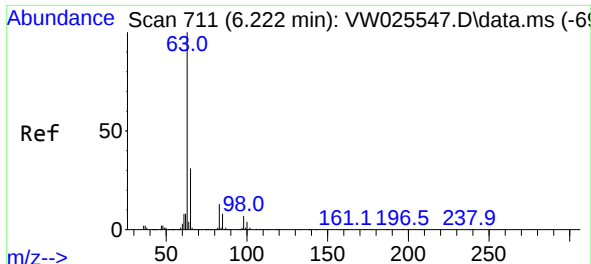
Tgt Ion: 96 Resp: 585210
Ion Ratio Lower Upper
96 100
61 161.0 113.3 210.3
98 64.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 52.563 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 73 Resp: 818132
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.7 19.0 28.6





#19

1,1-Dichloroethane

Concen: 51.751 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Instrument :

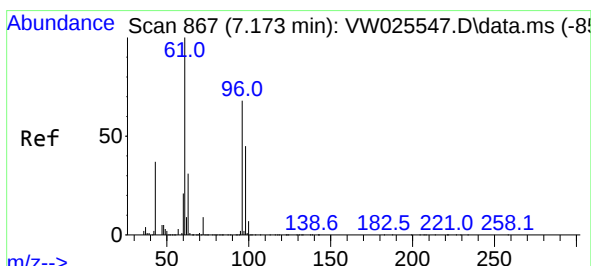
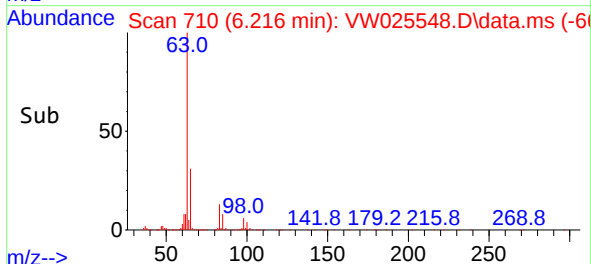
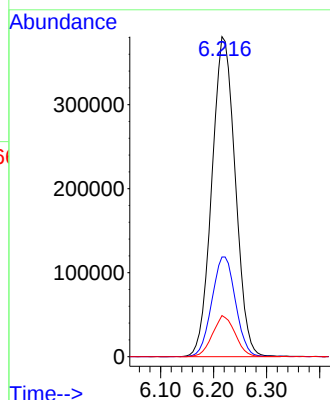
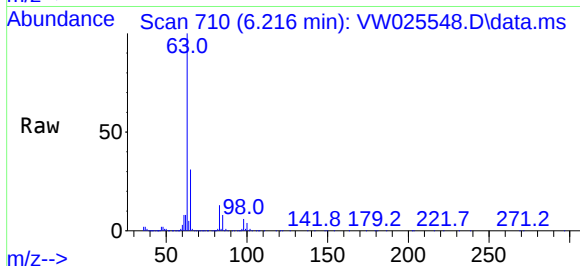
MSVOA_W

ClientSampleId :

VSTD050440

Tgt Ion: 63 Resp: 1166270

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.9	40.7
83	12.9	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 53.395 ug/L

RT: 7.173 min Scan# 867

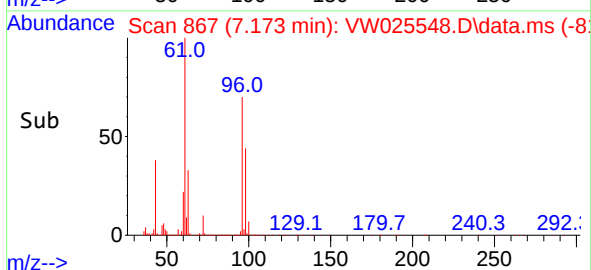
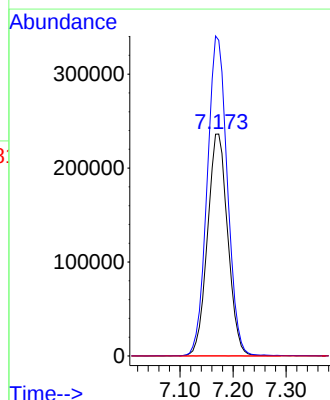
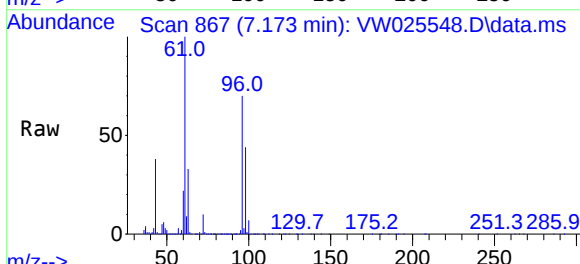
Delta R.T. -0.000 min

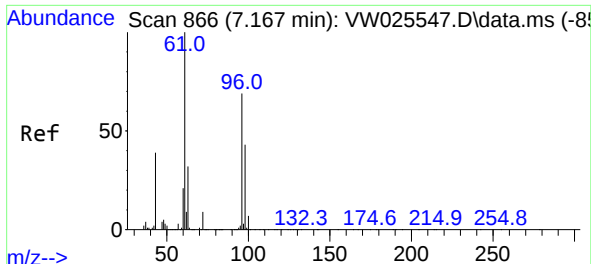
Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Tgt Ion: 96 Resp: 626639

Ion	Ratio	Lower	Upper
96	100		
61	142.2	102.6	190.6
68	0.1	0.1	0.1

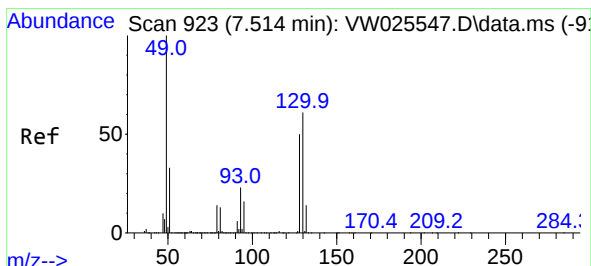
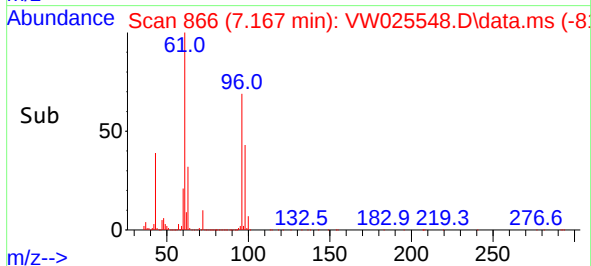
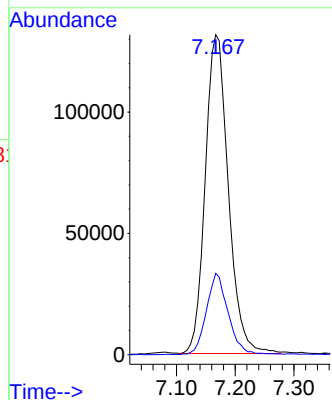
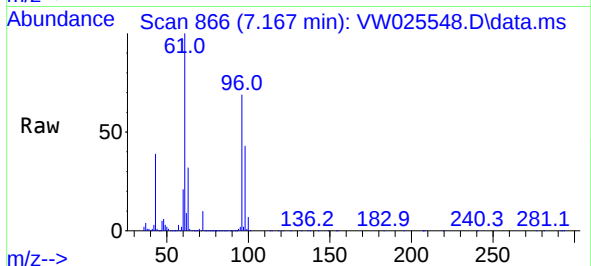




#22
2-Butanone
Concen: 107.379 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

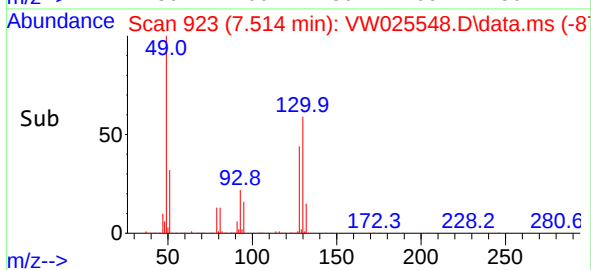
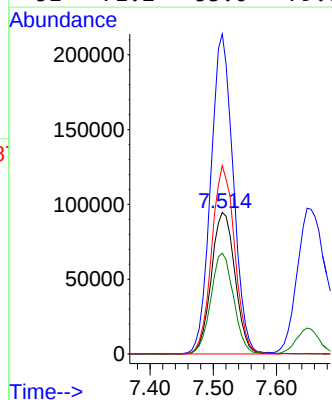
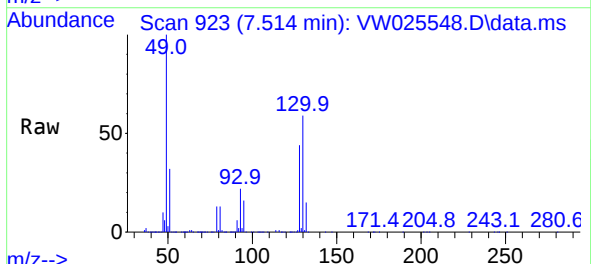
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

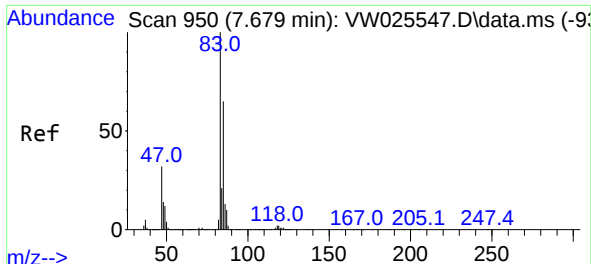
Tgt Ion: 43 Resp: 358528
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.0



#23
Bromochloromethane
Concen: 51.065 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 128 Resp: 245769
Ion Ratio Lower Upper
128 100
49 226.1 141.7 263.3
130 133.2 86.7 160.9
51 71.2 53.0 79.6

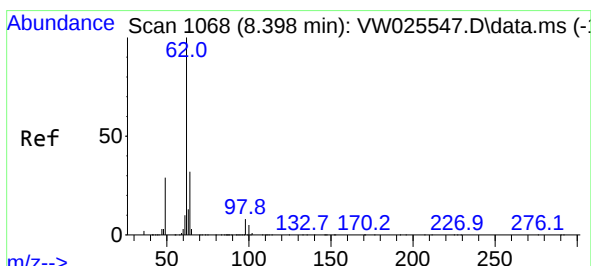
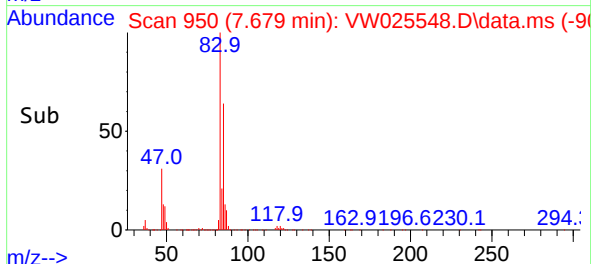
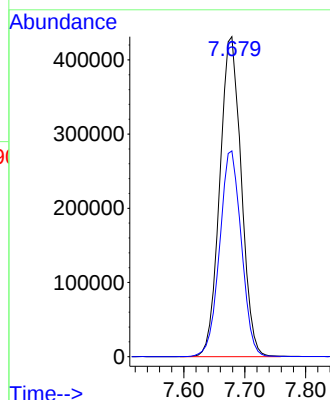
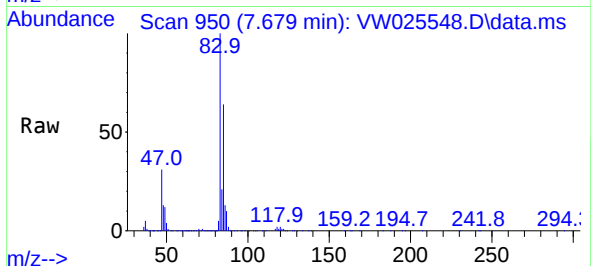




#25
Chloroform
Concen: 51.156 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

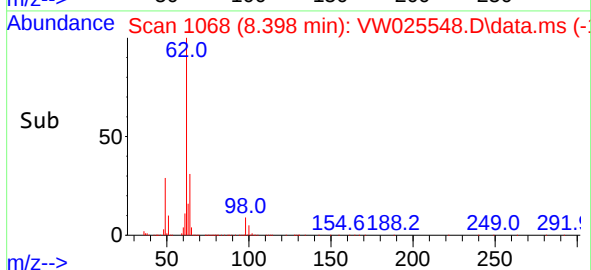
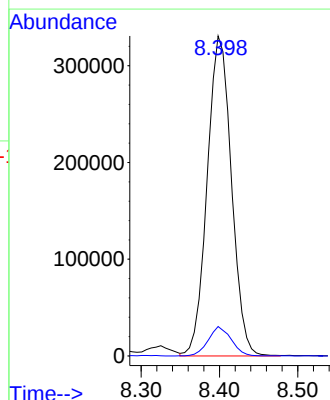
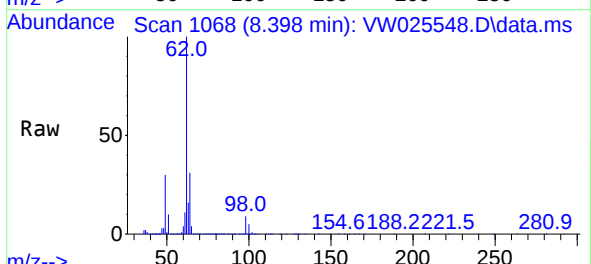
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

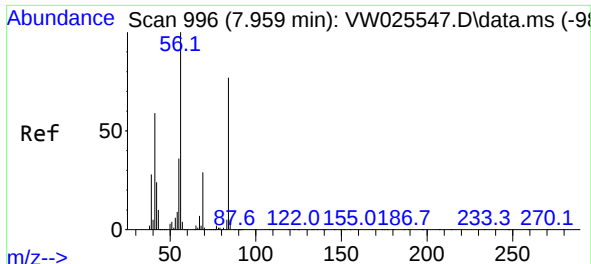
Tgt Ion: 83 Resp: 1054246
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 51.503 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 62 Resp: 712254
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0

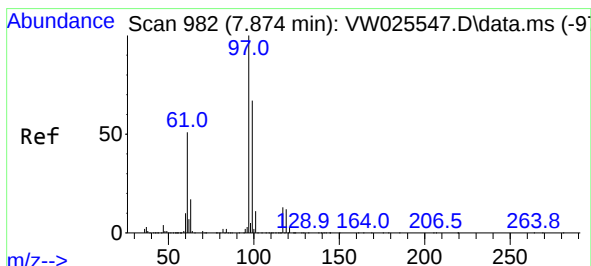
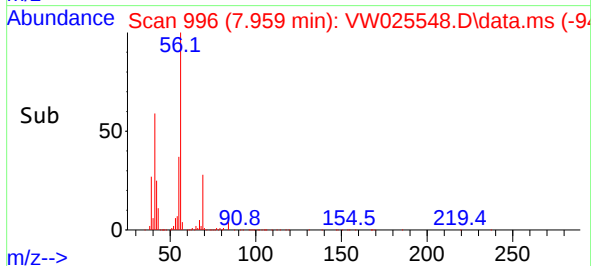
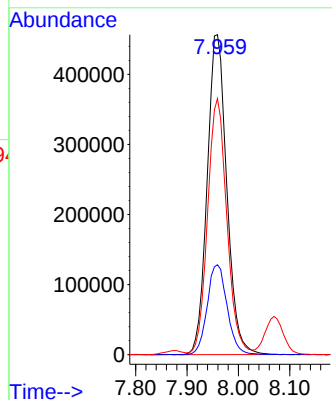
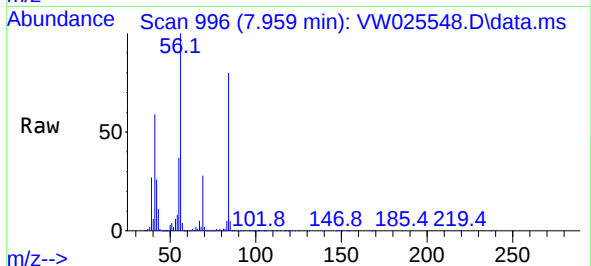




#29
Cyclohexane
Concen: 54.869 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

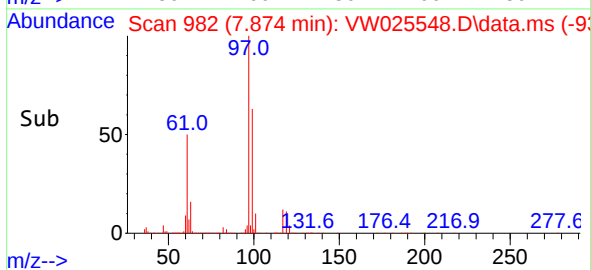
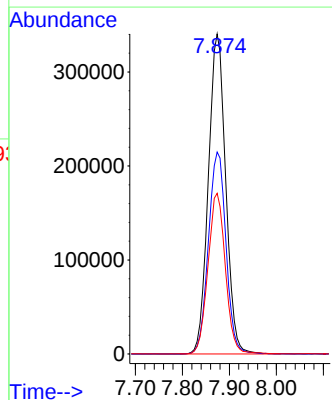
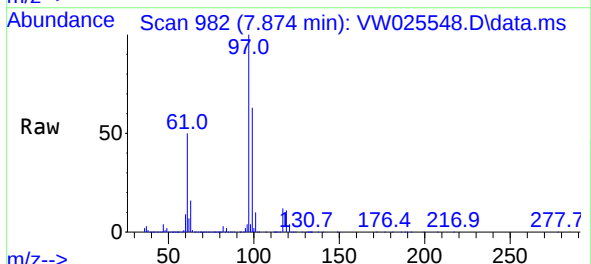
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

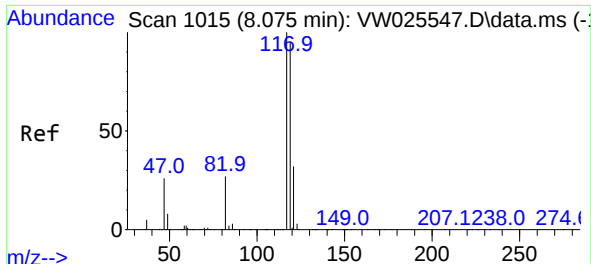
Tgt Ion: 56 Resp: 1213838
Ion Ratio Lower Upper
56 100
69 28.6 22.7 34.1
84 78.5 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 51.329 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 97 Resp: 871730
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 50.3 40.5 60.7

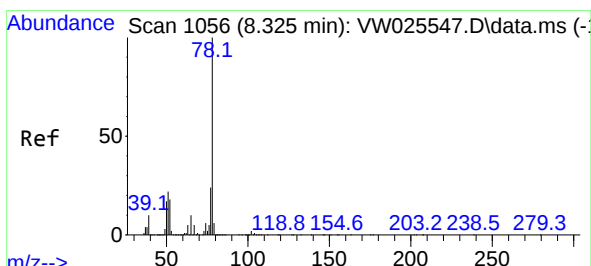
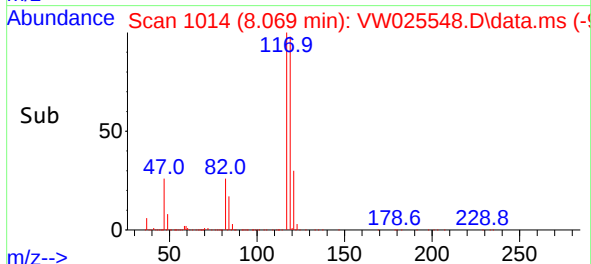
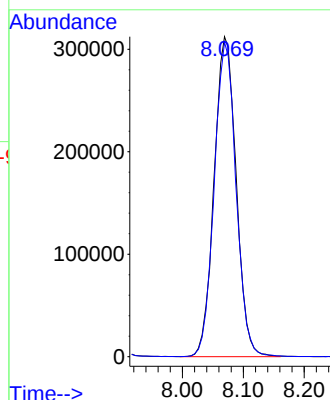
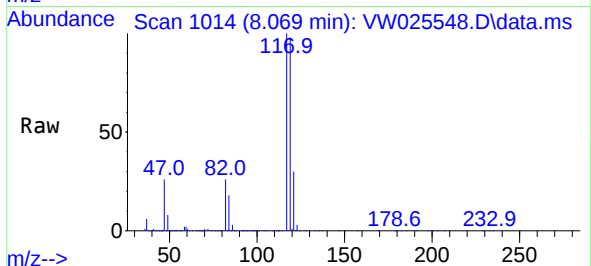




#31
Carbon tetrachloride
Concen: 51.087 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

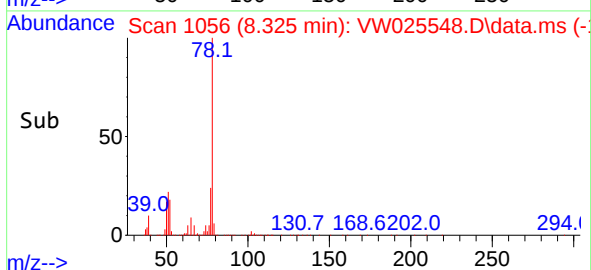
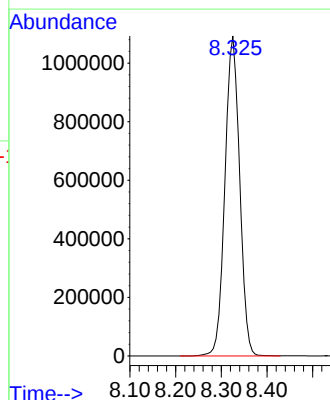
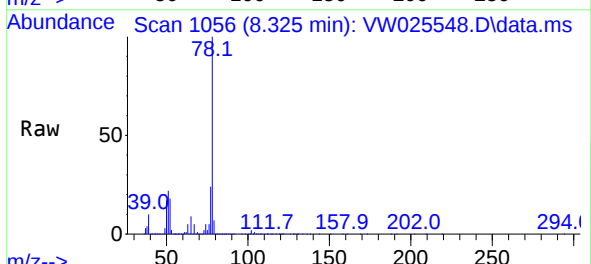
Instrument : MSVOA_W
ClientSampleId : VSTD050440

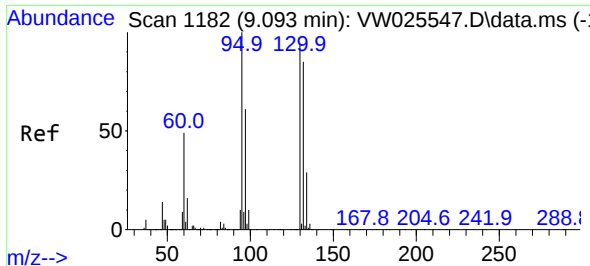
Tgt Ion:117 Resp: 783465
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5



#33
Benzene
Concen: 51.315 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 78 Resp: 2441280



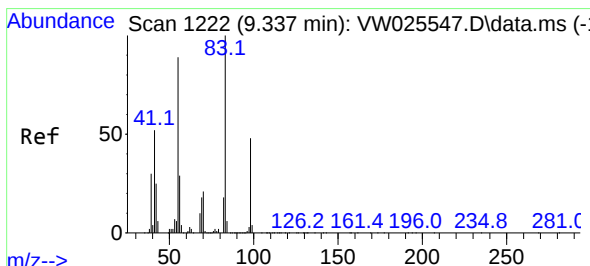
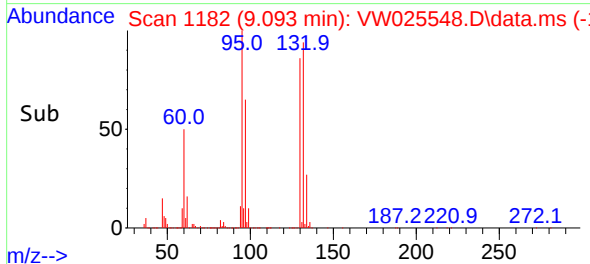
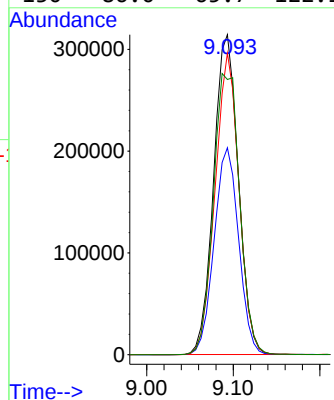
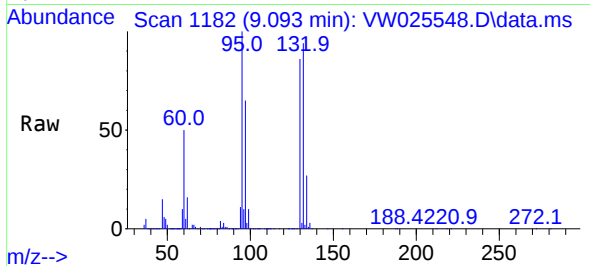


#34
Trichloroethene
Concen: 50.317 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

Tgt Ion: 95 Resp: 622652

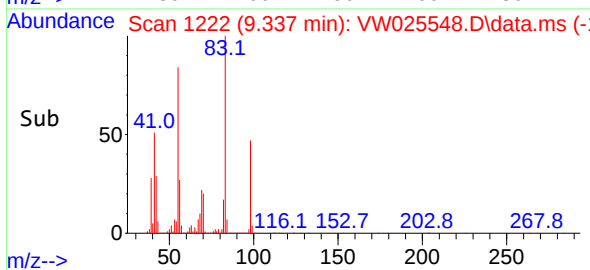
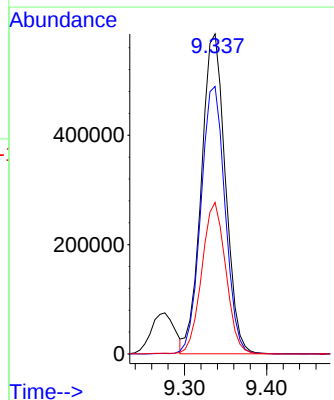
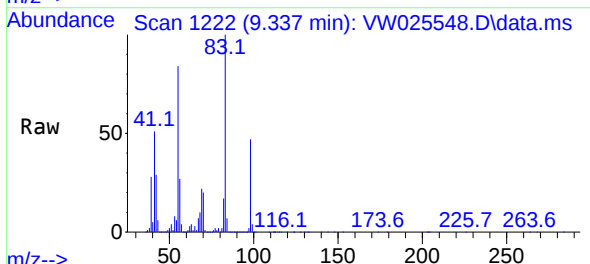
Ion	Ratio	Lower	Upper
95	100		
97	64.6	42.5	78.9
132	94.3	59.8	111.1
130	86.0	65.7	122.1

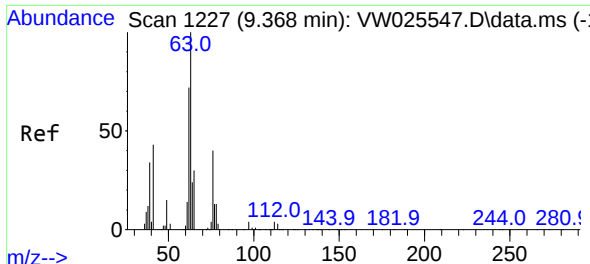


#35
Methylcyclohexane
Concen: 53.220 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 83 Resp: 1189219

Ion	Ratio	Lower	Upper
83	100		
55	84.0	68.7	103.1
98	47.2	37.7	56.5





#37

1,2-Dichloropropane

Concen: 51.223 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

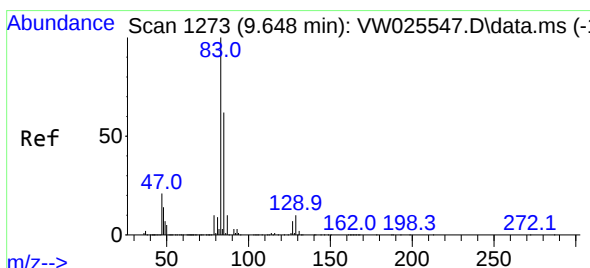
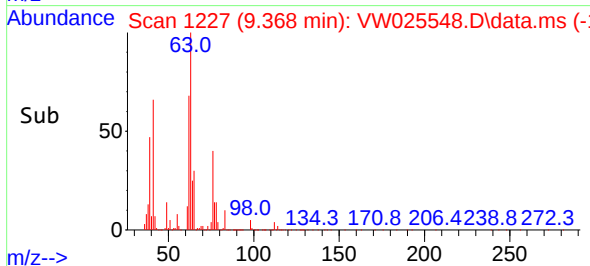
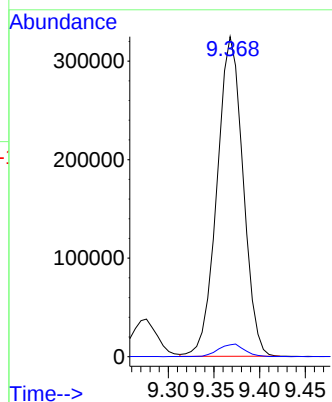
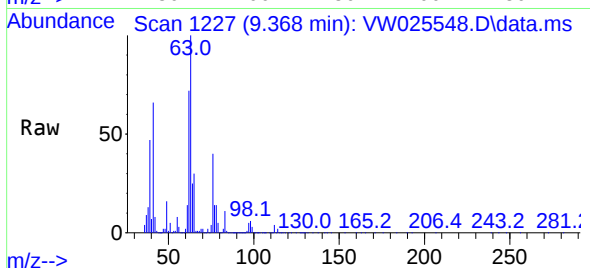
VSTD050440

Tgt Ion: 63 Resp: 643588

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.0



#38

Bromodichloromethane

Concen: 51.488 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

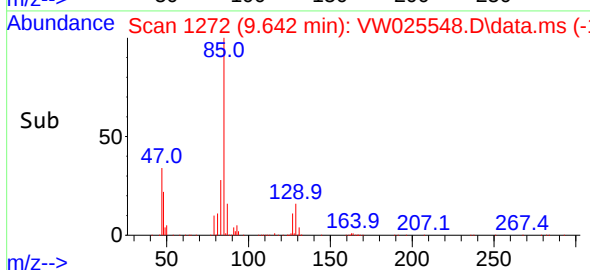
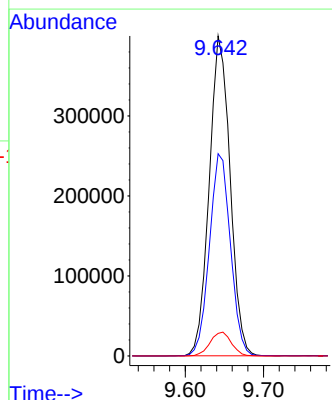
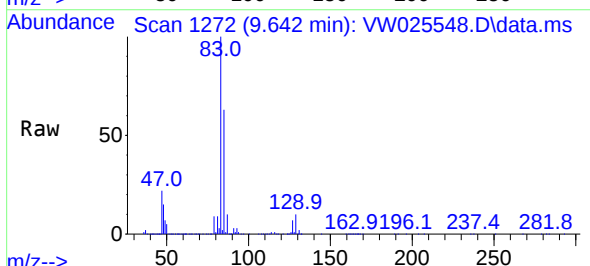
Tgt Ion: 83 Resp: 740170

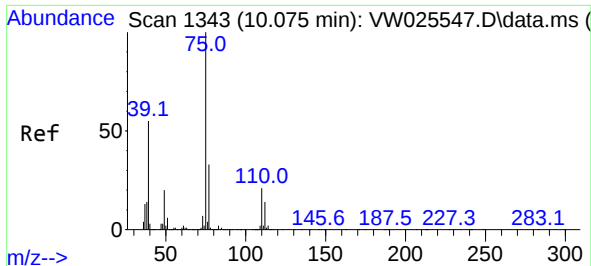
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

127 7.0 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 54.280 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

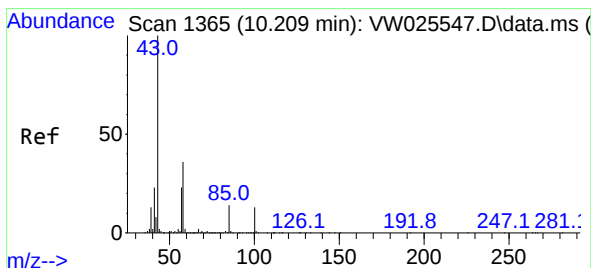
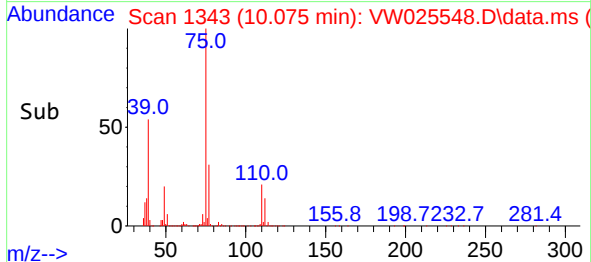
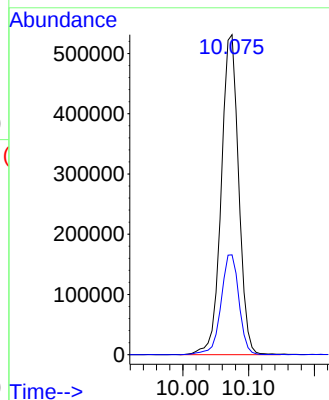
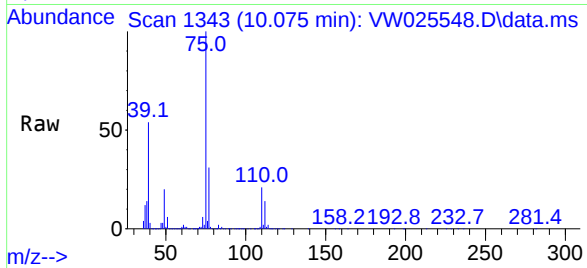
VSTD050440

Tgt Ion: 75 Resp: 978281

Ion Ratio Lower Upper

75 100

77 31.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 107.011 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

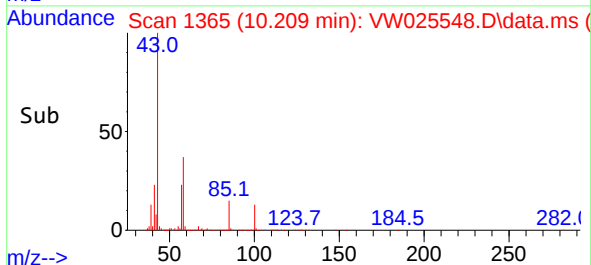
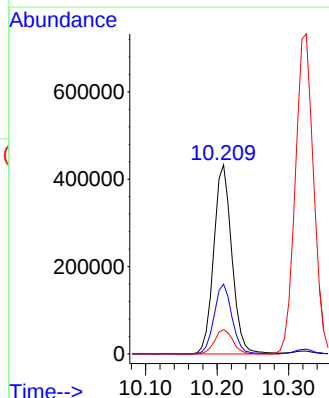
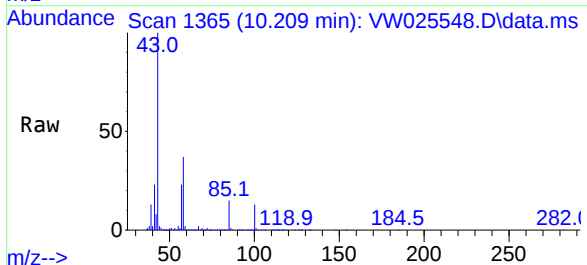
Tgt Ion: 43 Resp: 761035

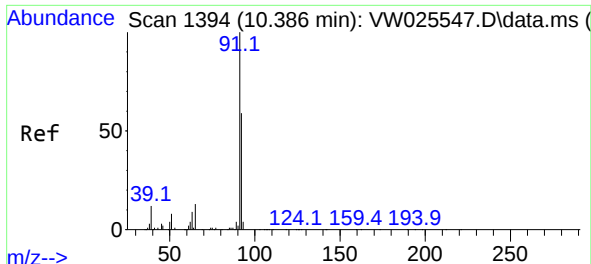
Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8

100 13.0 10.2 15.4

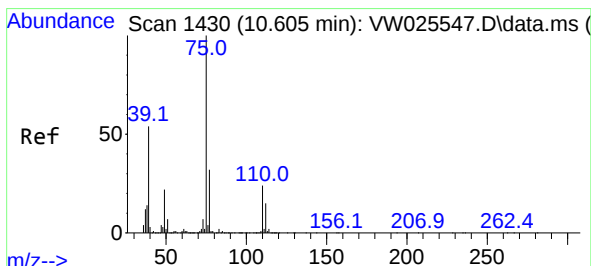
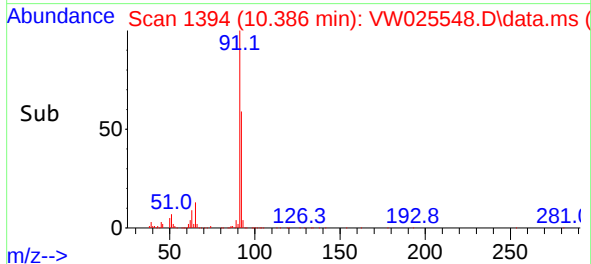
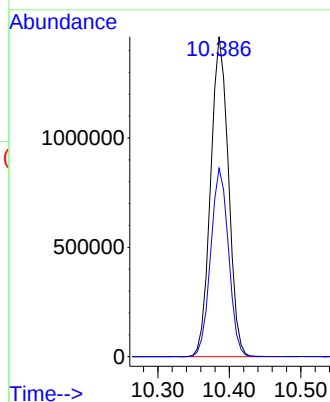
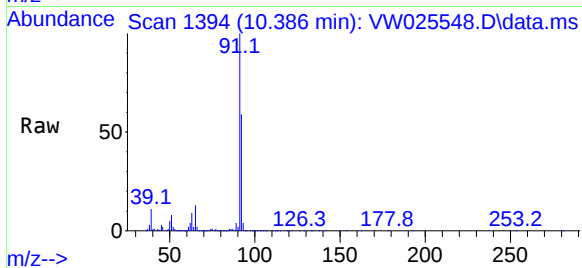




#42
Toluene
Concen: 52.221 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

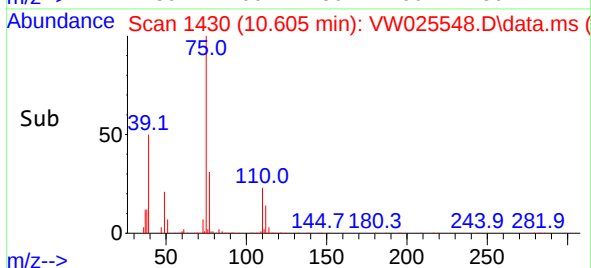
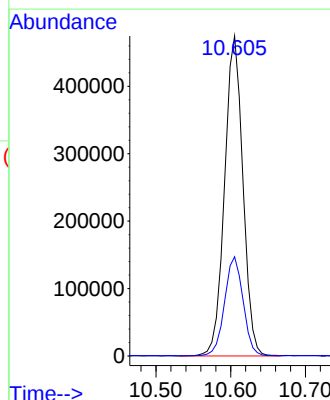
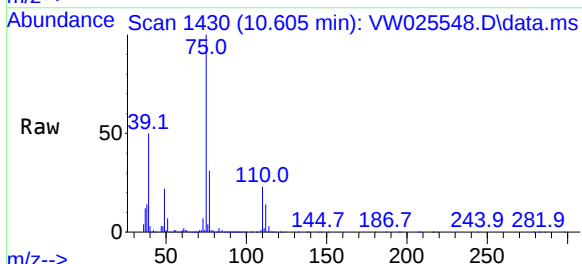
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

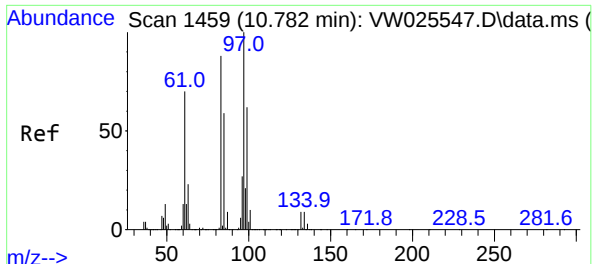
Tgt Ion: 91 Resp: 2529794
Ion Ratio Lower Upper
91 100
92 58.9 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 54.413 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 75 Resp: 808667
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 50.996 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050440

Tgt Ion: 97 Resp: 408557

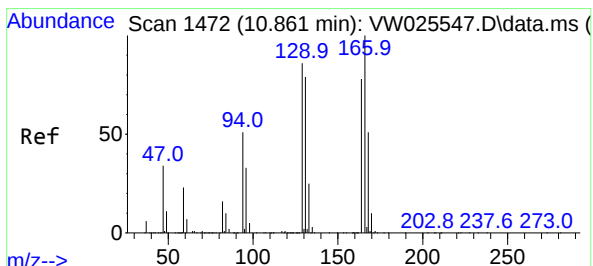
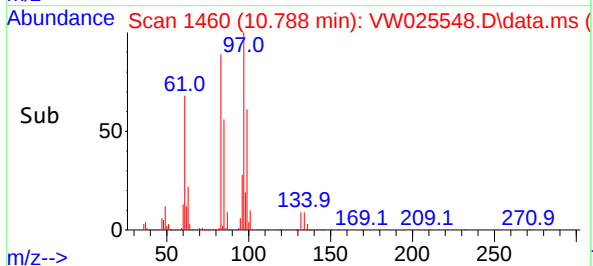
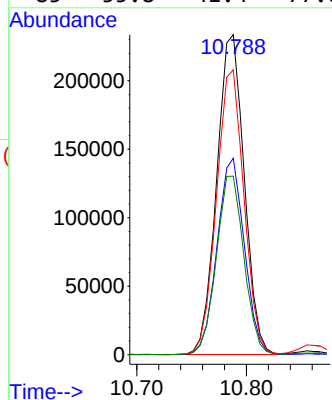
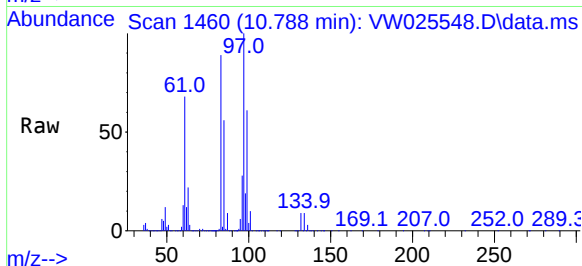
Ion Ratio Lower Upper

97 100

99 61.4 43.8 81.3

83 89.0 61.8 114.8

85 55.8 41.4 77.0



#46

Tetrachloroethene

Concen: 50.522 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Tgt Ion:164 Resp: 439705

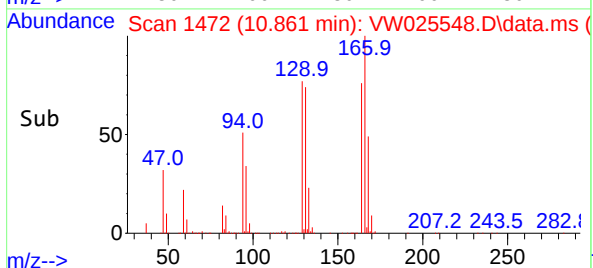
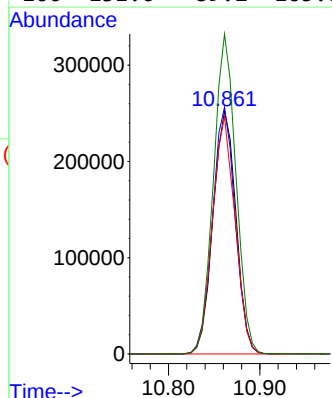
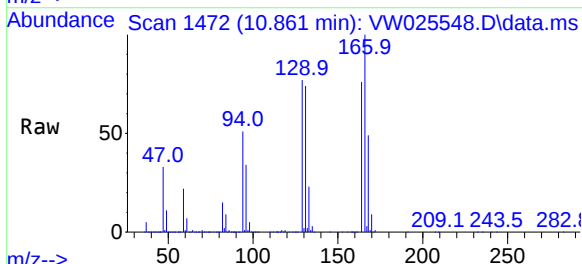
Ion Ratio Lower Upper

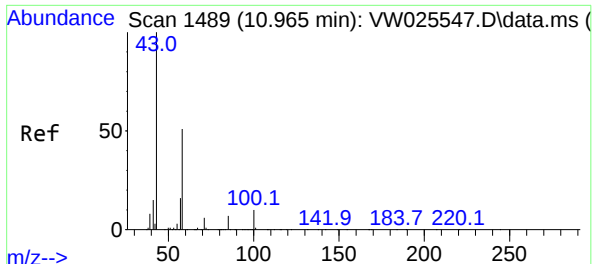
164 100

129 101.5 76.9 142.9

131 97.7 70.5 130.9

166 131.6 89.2 165.8



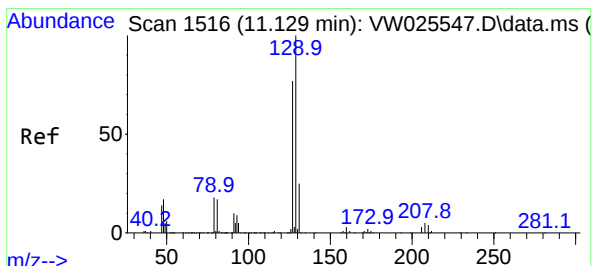
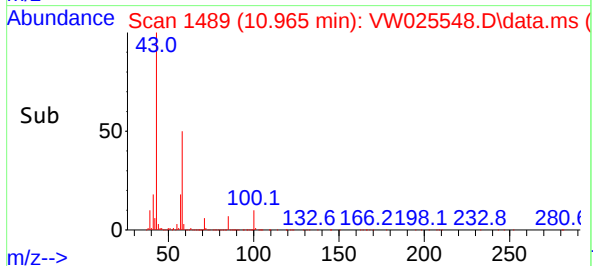
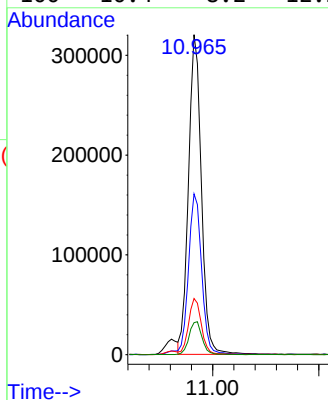
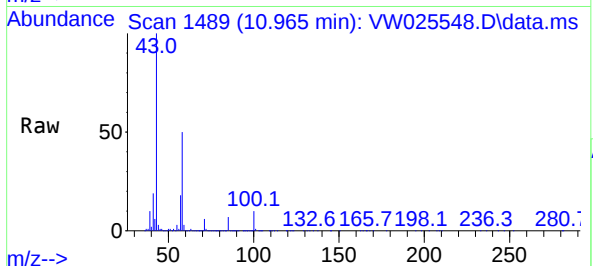


#48
2-Hexanone
Concen: 110.098 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

Tgt Ion: 43 Resp: 540996

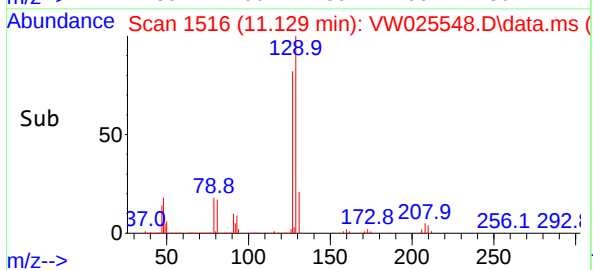
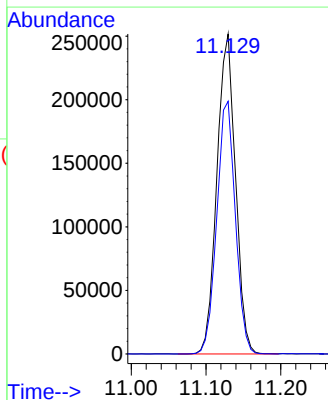
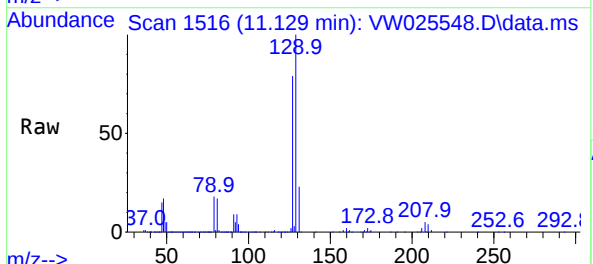
Ion	Ratio	Lower	Upper
43	100		
58	51.0	38.6	57.8
57	17.6	13.9	20.9
100	10.4	8.2	12.2

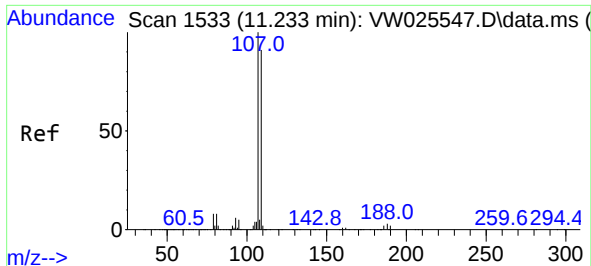


#49
Dibromochloromethane
Concen: 51.610 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 129 Resp: 435337

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.0	100.2

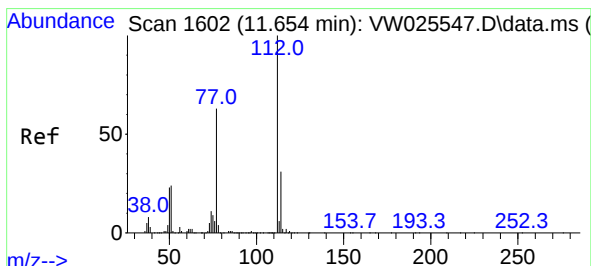
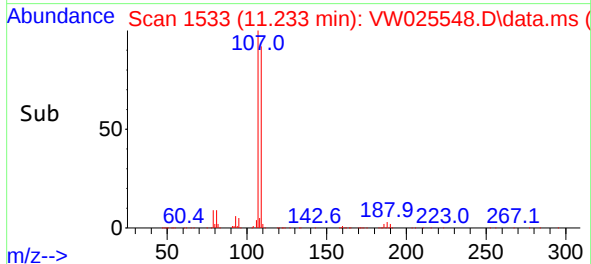
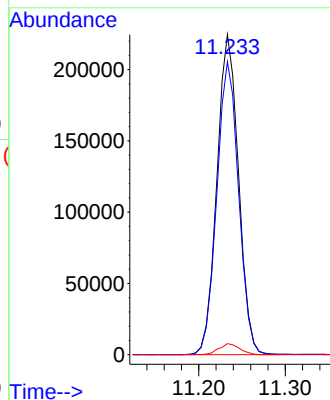
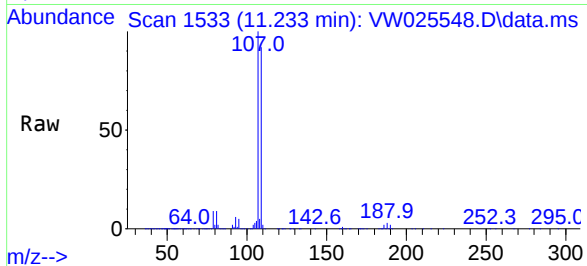




#50
1,2-Dibromoethane
Concen: 52.838 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

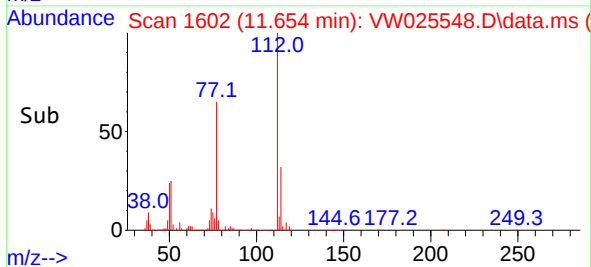
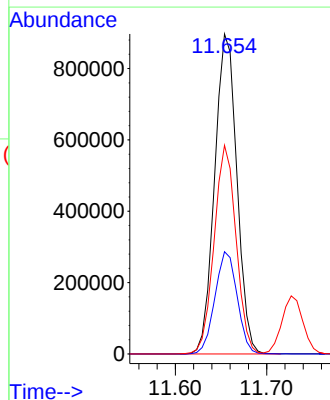
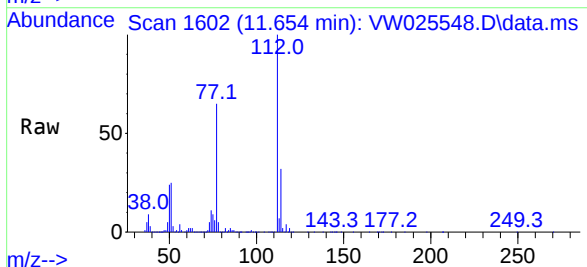
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

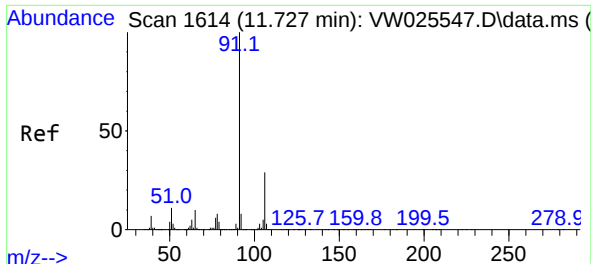
Tgt Ion:107 Resp: 388940
Ion Ratio Lower Upper
107 100
109 91.6 64.1 119.1
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 50.803 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:112 Resp: 1516560
Ion Ratio Lower Upper
112 100
114 32.0 21.6 40.2
77 65.2 50.2 75.2

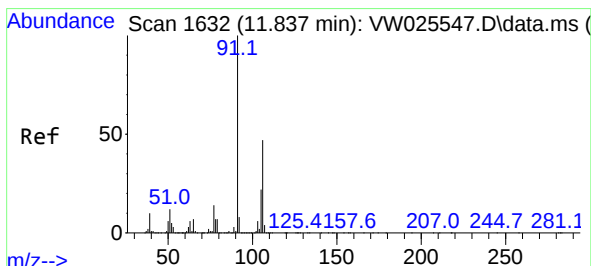
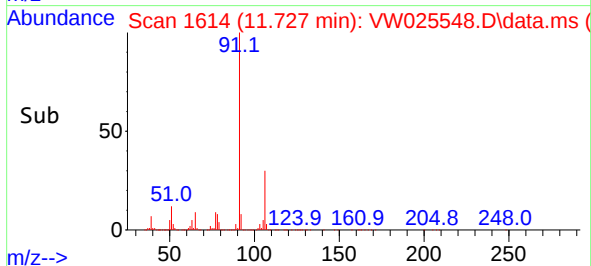
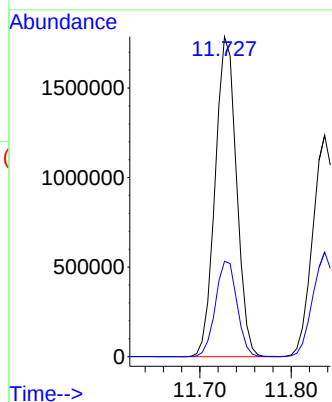
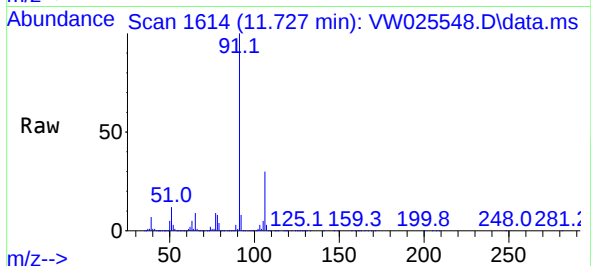




#52
Ethylbenzene
Concen: 52.774 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

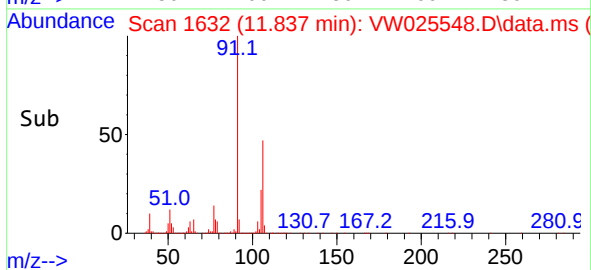
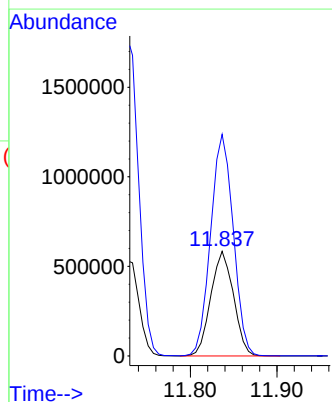
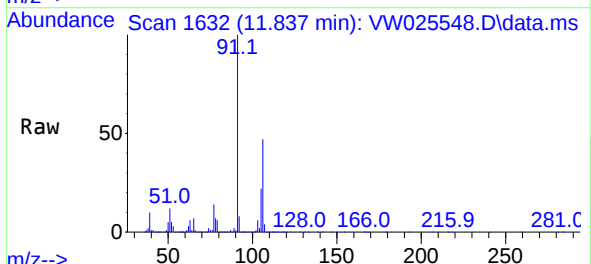
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

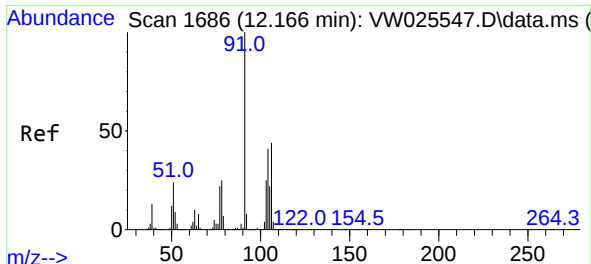
Tgt Ion: 91 Resp: 2893065
Ion Ratio Lower Upper
91 100
106 29.8 20.3 37.7



#53
m,p-Xylene
Concen: 53.018 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:106 Resp: 1065872
Ion Ratio Lower Upper
106 100
91 211.7 148.0 274.8

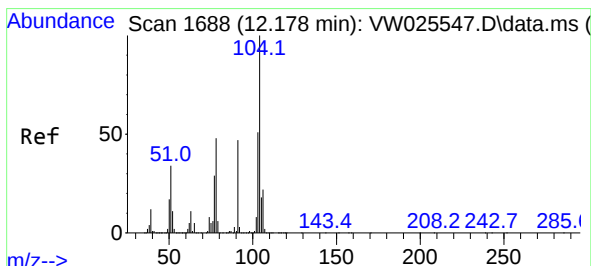
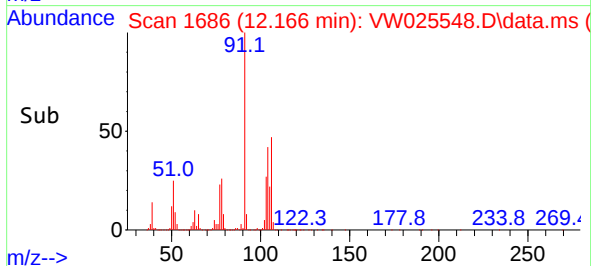
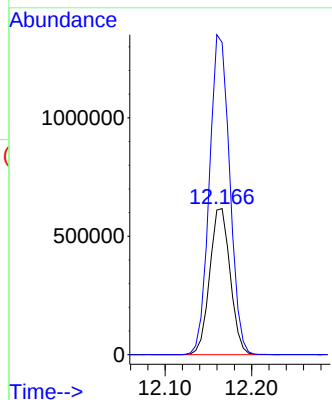
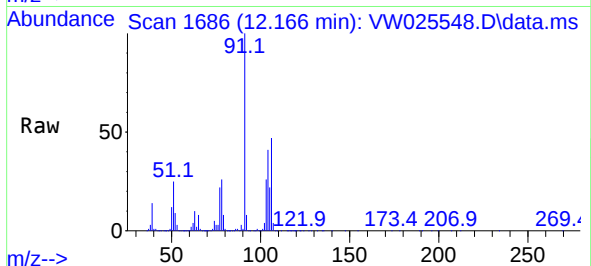




#54
o-Xylene
Concen: 53.862 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

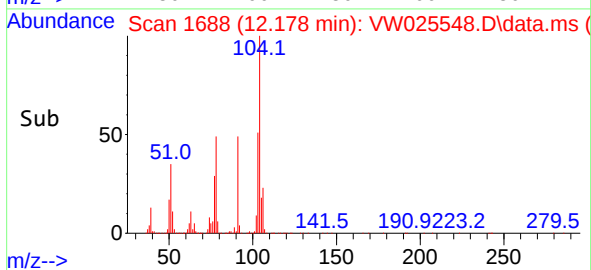
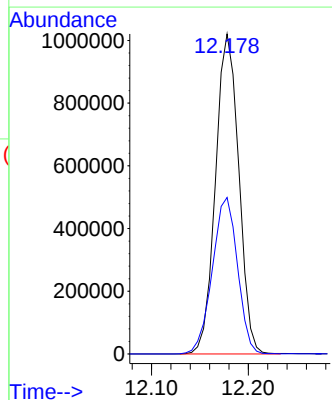
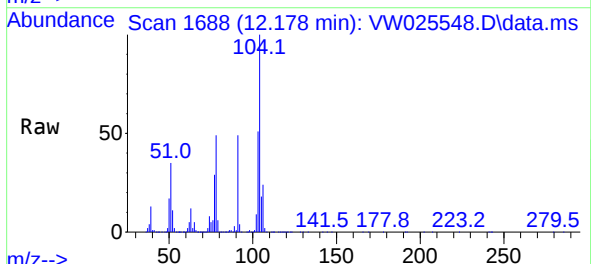
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

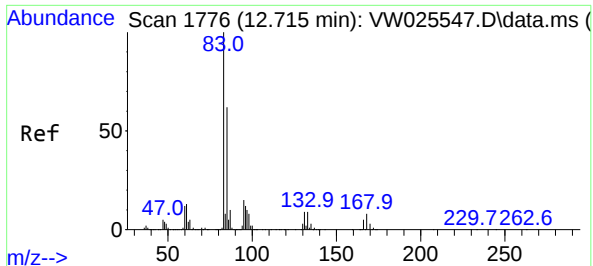
Tgt Ion:106 Resp: 1013005
Ion Ratio Lower Upper
106 100
91 213.8 158.2 293.8



#55
Styrene
Concen: 53.850 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:104 Resp: 1704690
Ion Ratio Lower Upper
104 100
78 48.9 33.3 61.9



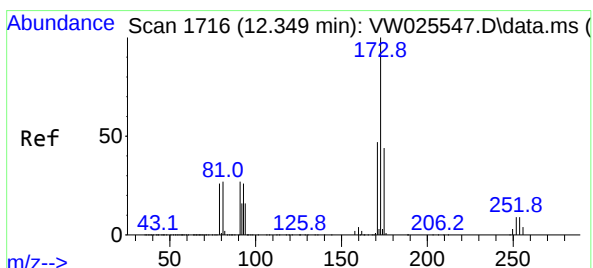
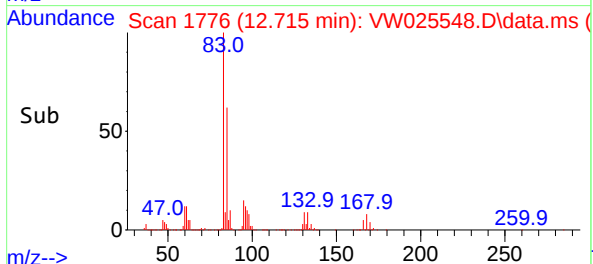
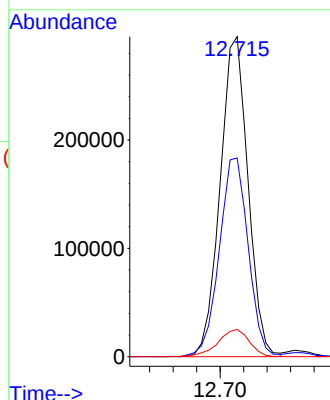
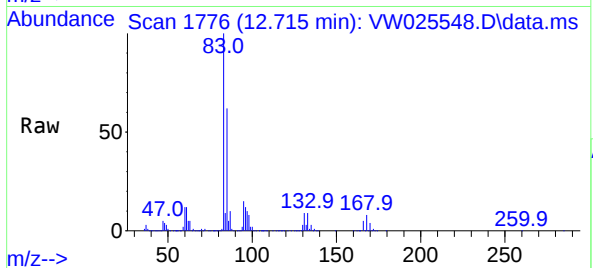


#57
1,1,2,2-Tetrachloroethane
Concen: 50.727 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

Tgt Ion: 83 Resp: 486781

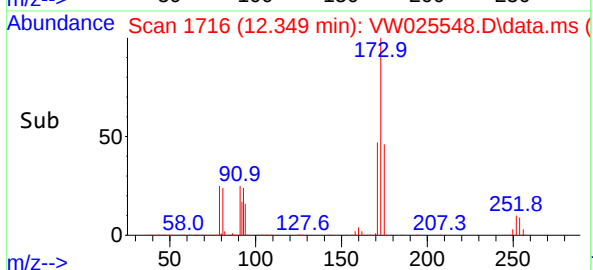
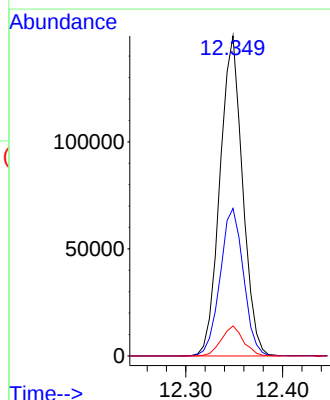
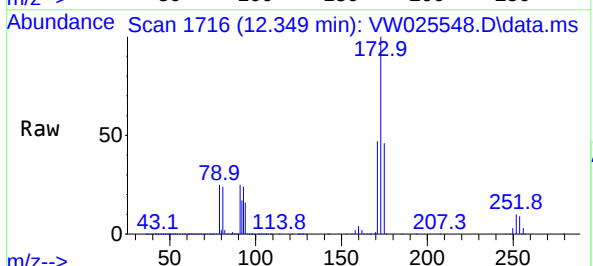
Ion	Ratio	Lower	Upper
83	100		
85	62.1	43.5	80.7
131	8.5	7.0	10.4

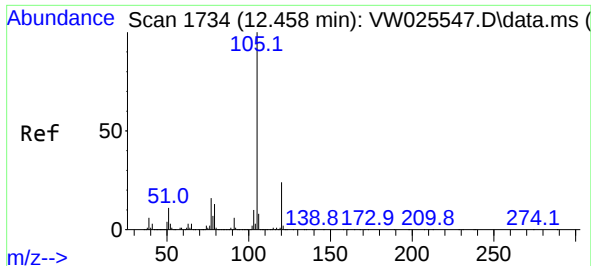


#59
Bromoform
Concen: 53.019 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 173 Resp: 242653

Ion	Ratio	Lower	Upper
173	100		
175	47.5	36.1	54.1
254	9.1	7.0	10.6

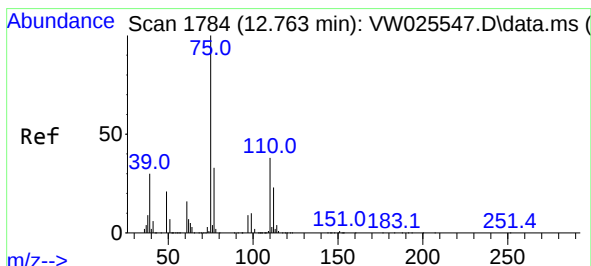
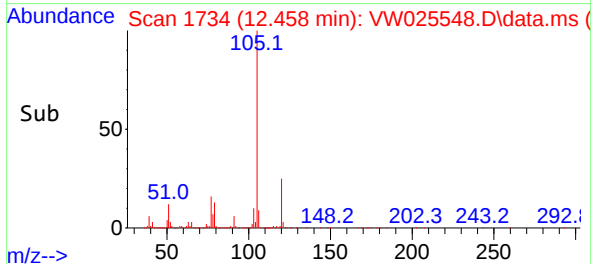
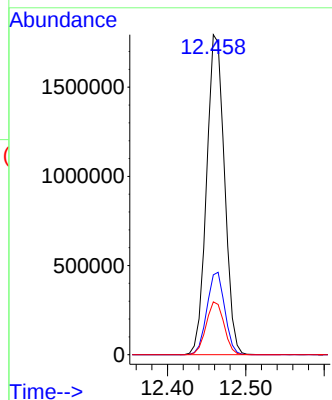
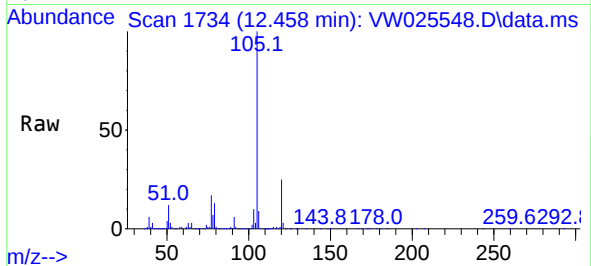




#60
Isopropylbenzene
Concen: 54.246 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

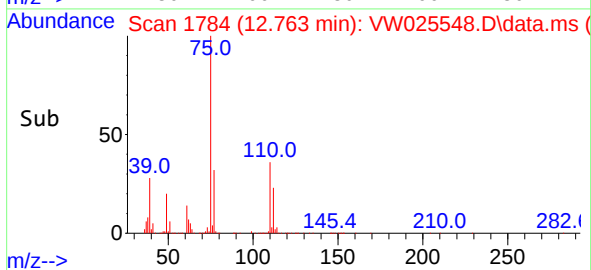
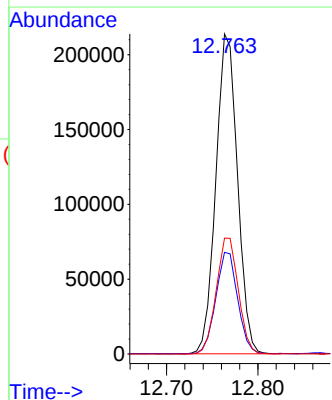
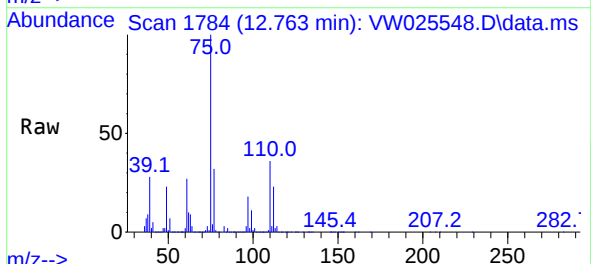
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

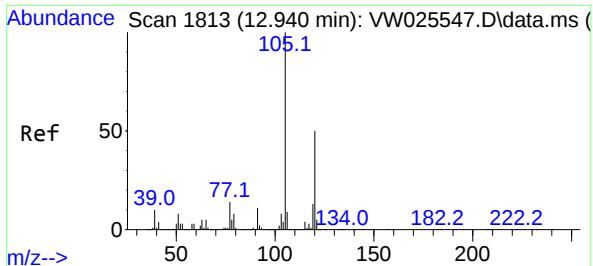
Tgt Ion:105 Resp: 2838103
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 50.822 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 75 Resp: 351799
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 37.0 29.0 43.6

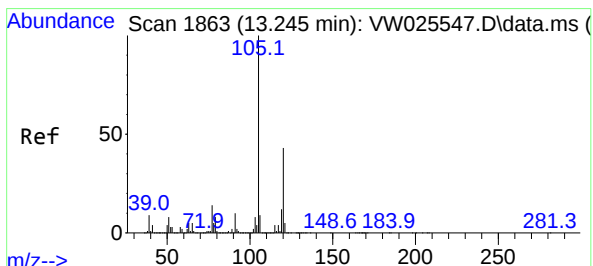
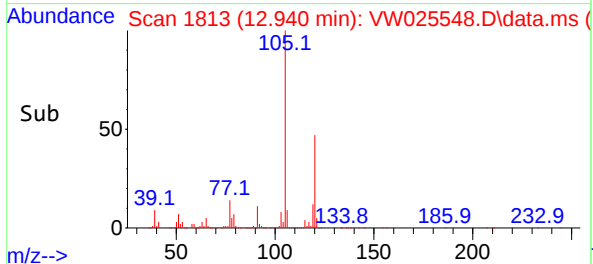
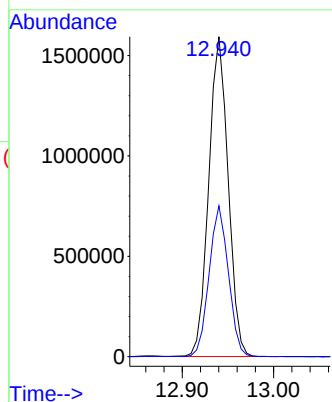
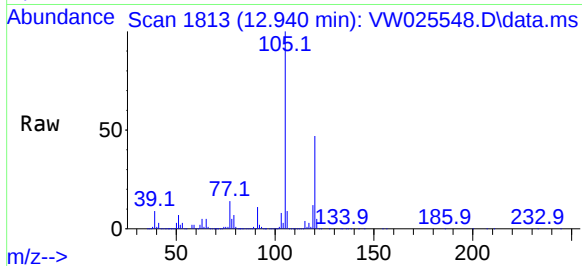




#62
1,3,5-Trimethylbenzene
Concen: 56.777 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

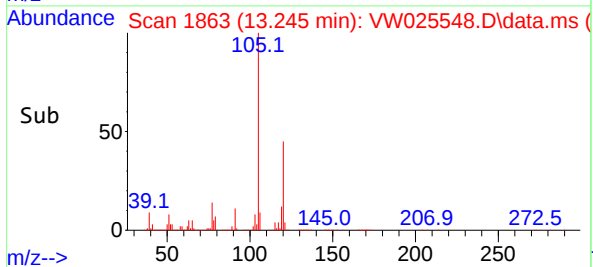
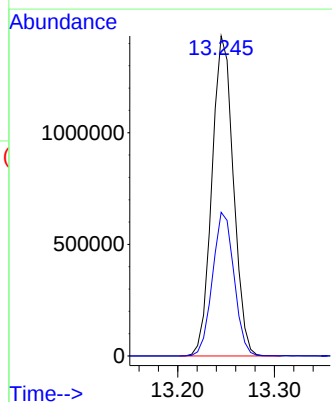
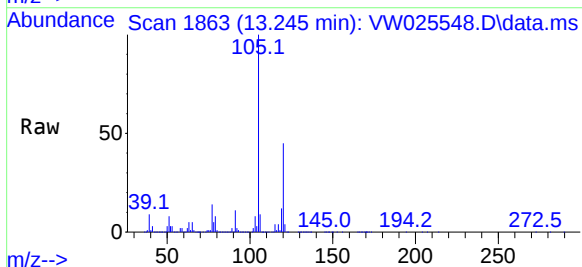
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

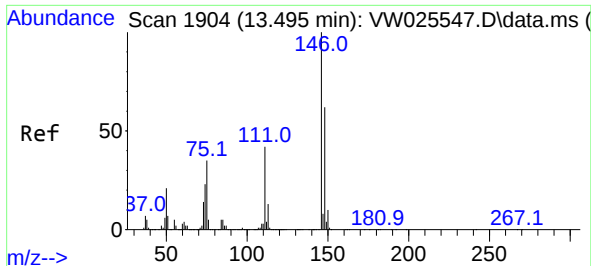
Tgt Ion:105 Resp: 2344935
Ion Ratio Lower Upper
105 100
120 46.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 55.425 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:105 Resp: 2204198
Ion Ratio Lower Upper
105 100
120 45.0 34.8 52.2

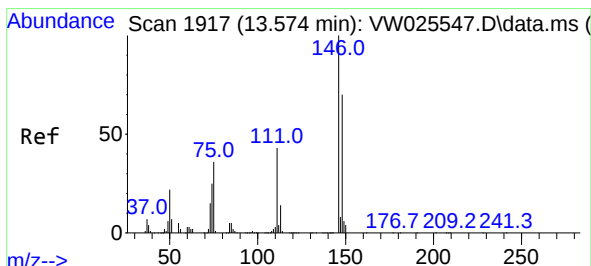
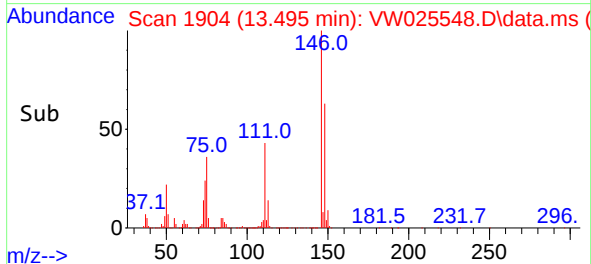
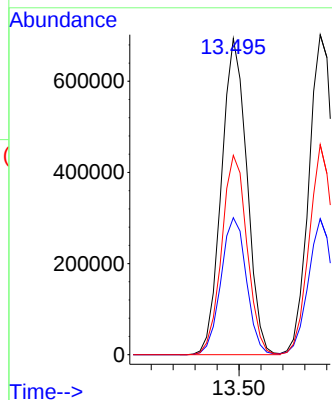
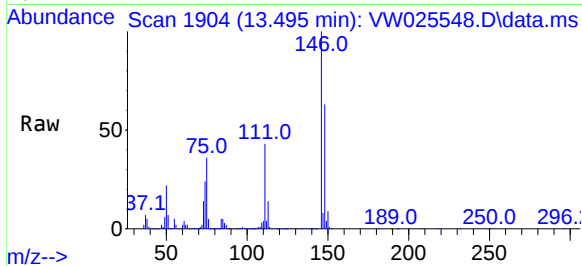




#64
1,3-Dichlorobenzene
Concen: 51.677 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

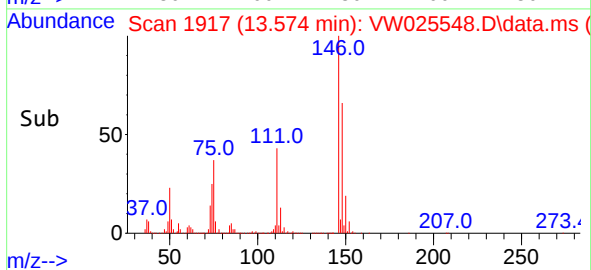
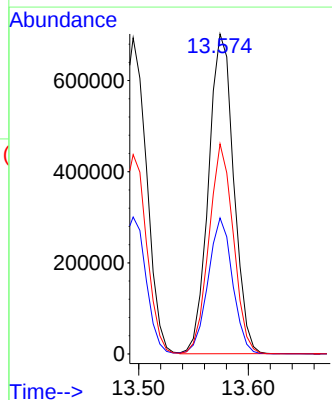
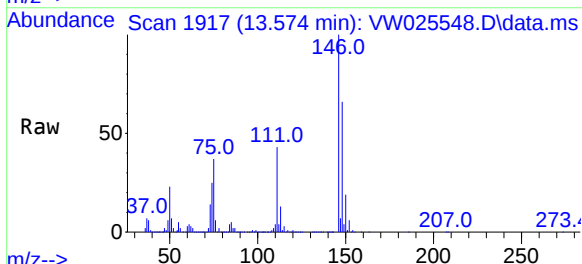
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

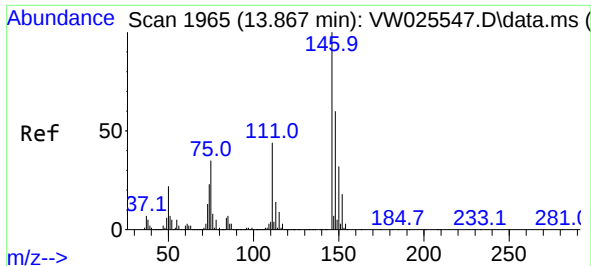
Tgt Ion:146 Resp: 1120427
Ion Ratio Lower Upper
146 100
111 43.3 29.7 55.1
148 63.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 50.571 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:146 Resp: 1119762
Ion Ratio Lower Upper
146 100
111 42.5 30.4 56.5
148 65.7 48.6 90.3

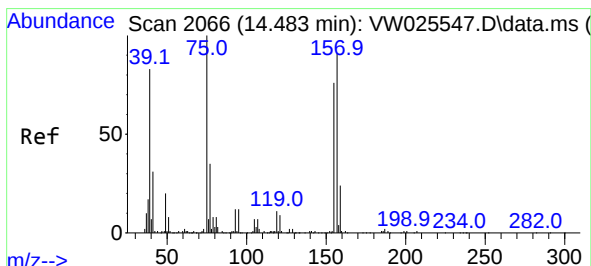
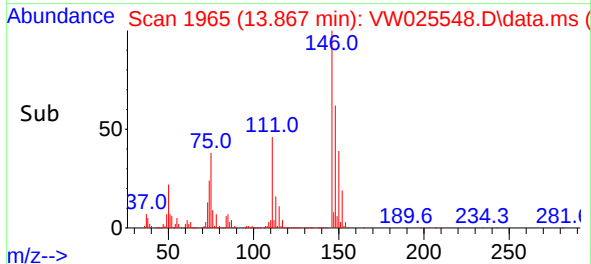
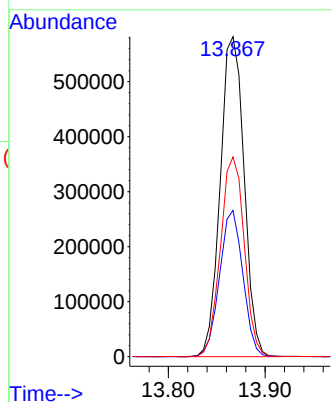
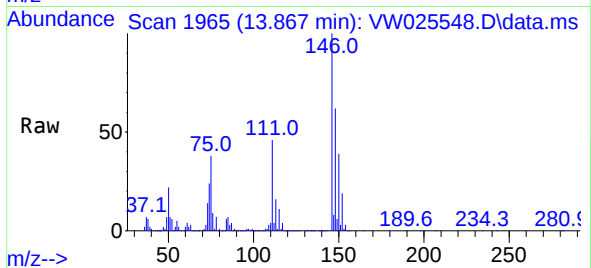




#67
1,2-Dichlorobenzene
Concen: 52.362 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

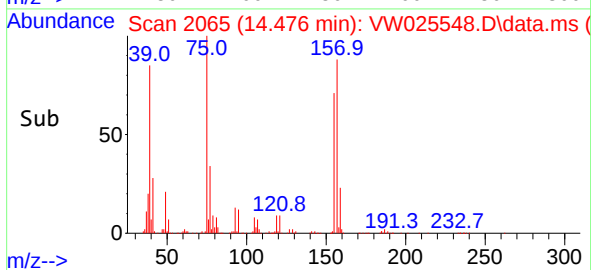
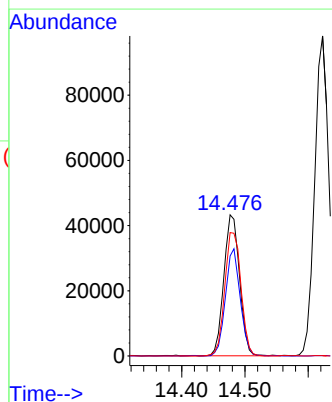
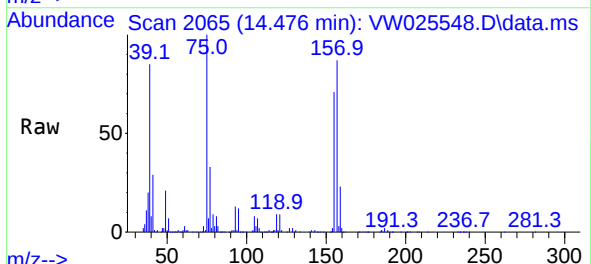
Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

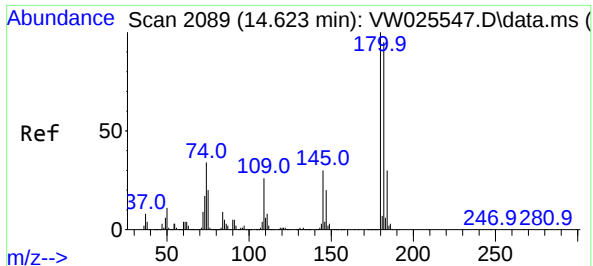
Tgt Ion:146 Resp: 995275
Ion Ratio Lower Upper
146 100
111 45.7 35.3 52.9
148 62.4 47.9 71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 48.851 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion: 75 Resp: 74181
Ion Ratio Lower Upper
75 100
155 70.8 61.1 91.7
157 87.3 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 52.284 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD050440

Tgt Ion:180 Resp: 758950

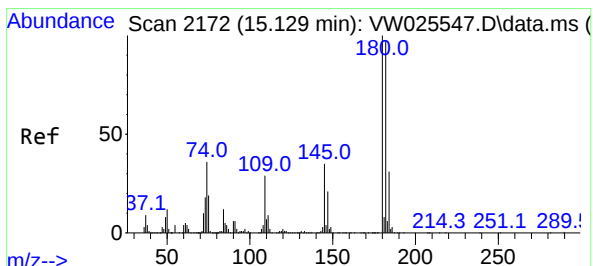
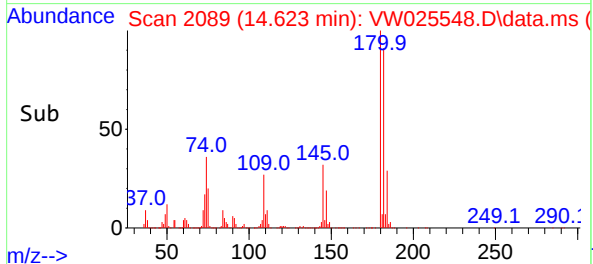
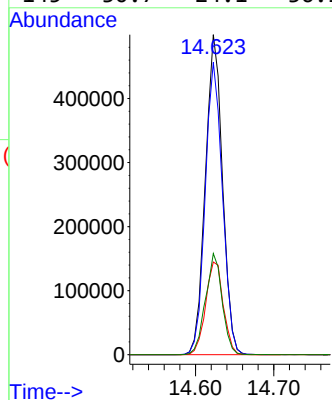
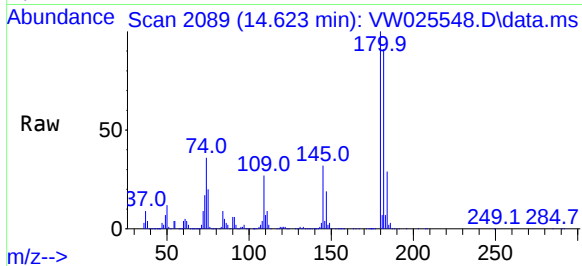
Ion Ratio Lower Upper

180 100

182 92.0 76.4 114.6

184 29.9 24.1 36.1

145 30.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 52.690 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025548.D

Acq: 03 Apr 2023 10:30

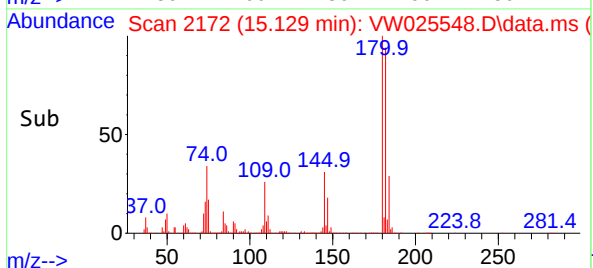
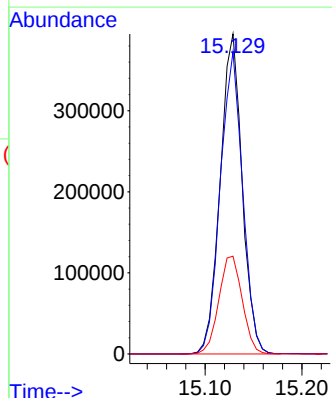
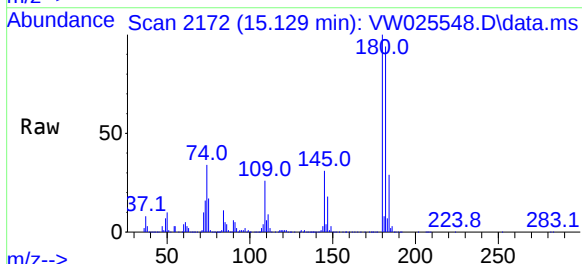
Tgt Ion:180 Resp: 621308

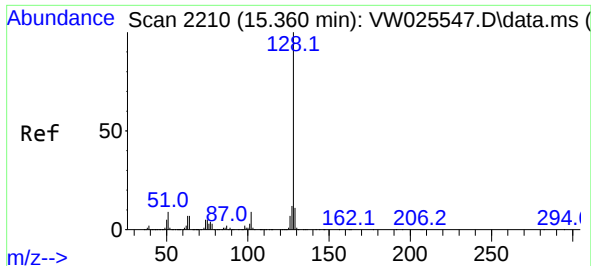
Ion Ratio Lower Upper

180 100

182 95.9 79.5 119.3

145 32.6 27.4 41.0

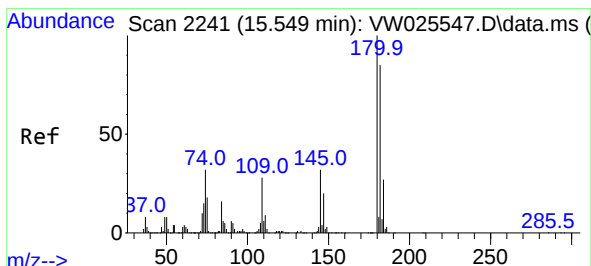
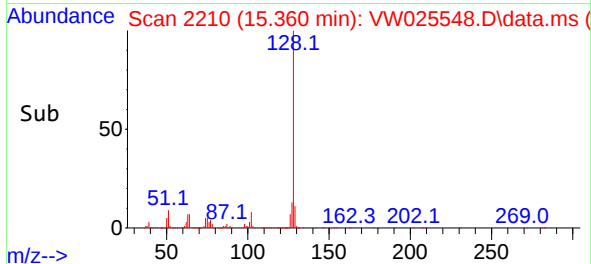
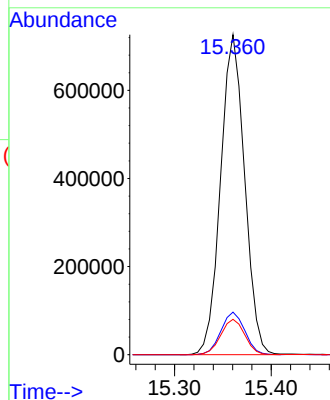
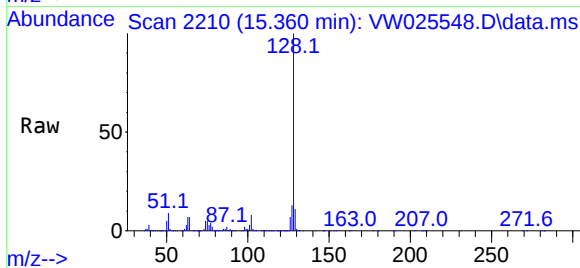




#71
Naphthalene
Concen: 56.905 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD050440

Tgt Ion:128 Resp: 1252075
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.917 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025548.D
Acq: 03 Apr 2023 10:30

Tgt Ion:180 Resp: 535253
Ion Ratio Lower Upper
180 100
182 93.0 72.9 109.3
145 34.4 27.0 40.6

