

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026598.D
 Acq On : 11 Jul 2023 15:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Jul 12 07:17:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	729181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	320449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	222058	18.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
7) Chloroethane-d5	2.893	69	170308	19.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
11) 1,1-Dichloroethene-d2	4.027	65	108630	18.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.240%
21) 2-Butanone-d5	7.075	46	160928	40.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.960%
24) Chloroform-d	7.648	84	460968	21.958	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.307	65	247573	21.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.480%
32) Benzene-d6	8.276	84	937258	21.779	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.276	67	290987	21.990	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.960%
41) Toluene-d8	10.325	98	824002	22.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	10.575	79	115256	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.922	63	114320	44.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238288	21.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.040%
66) 1,2-Dichlorobenzene-d4	13.855	152	245383	20.856	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	137473	16.713	ug/L	93
3) Chloromethane	2.229	50	248613	21.154	ug/L	97
5) Vinyl chloride	2.375	62	234623	18.943	ug/L	97
6) Bromomethane	2.790	94	136733	20.766	ug/L	98
8) Chloroethane	2.936	64	142285	20.544	ug/L	99
9) Trichlorofluoromethane	3.265	101	208602	22.738	ug/L	97
12) 1,1-Dichloroethene	4.052	96	203172	20.799	ug/L	91
13) Acetone	4.125	43	92037	32.188	ug/L	97
14) Carbon disulfide	4.393	76	696913	20.352	ug/L	97
15) Methyl Acetate	4.673	43	135032	19.656	ug/L	98
16) Methylene chloride	4.929	84	250573	19.452	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	225716	21.611	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	347531	21.260	ug/L	99
19) 1,1-Dichloroethane	6.216	63	462253	22.137	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	241483	22.328	ug/L	97
22) 2-Butanone	7.173	43	175561	40.319	ug/L	99
23) Bromochloromethane	7.514	128	102697	22.168	ug/L	96
25) Chloroform	7.679	83	423346	22.127	ug/L	97
27) 1,2-Dichloroethane	8.404	62	302174	22.435	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026598.D
 Acq On : 11 Jul 2023 15:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Jul 12 07:17:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

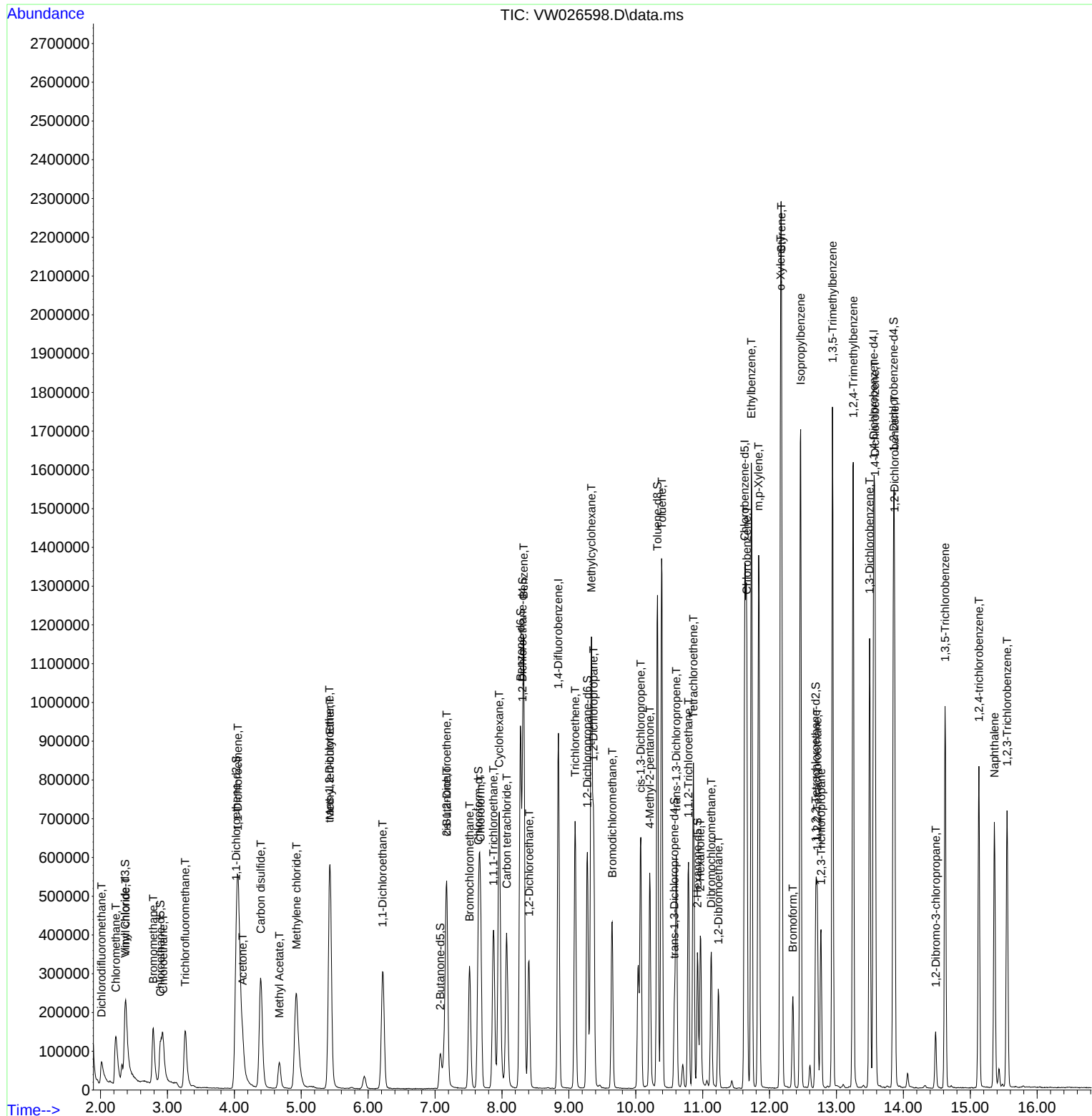
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	433775	22.223	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	333404	21.698	ug/L	98
31) Carbon tetrachloride	8.069	117	306875	22.001	ug/L	97
33) Benzene	8.325	78	984892	22.801	ug/L	100
34) Trichloroethene	9.093	95	245572	22.132	ug/L	96
35) Methylcyclohexane	9.337	83	442783	22.224	ug/L	99
37) 1,2-Dichloropropane	9.368	63	260518	22.711	ug/L	100
38) Bromodichloromethane	9.648	83	296636	22.761	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	381976	23.129	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	381743	44.090	ug/L	100
42) Toluene	10.392	91	982216	22.516	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	317955	22.827	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	178044	22.238	ug/L	95
46) Tetrachloroethene	10.861	164	181028	22.982	ug/L	82
48) 2-Hexanone	10.965	43	265808	43.991	ug/L	100
49) Dibromochloromethane	11.130	129	180562	22.777	ug/L	98
50) 1,2-Dibromoethane	11.233	107	170249	22.559	ug/L	93
51) Chlorobenzene	11.660	112	604868	22.615	ug/L	99
52) Ethylbenzene	11.727	91	1125759	23.181	ug/L	98
53) m,p-Xylene	11.837	106	416240	23.559	ug/L	100
54) o-Xylene	12.166	106	391245	23.592	ug/L	98
55) Styrene	12.178	104	686445	24.540	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	229922	21.883	ug/L	97
59) Bromoform	12.349	173	107869	21.283	ug/L	99
60) Isopropylbenzene	12.465	105	1083501	21.854	ug/L	99
61) 1,2,3-Trichloropropane	12.770	75	173744	20.074	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	875340	23.018	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	867374	23.006	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	440267	21.162	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	461668	22.251	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	405602	22.029	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	38850	18.859	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	282795	20.541	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	229645	20.326	ug/L	92
71) Naphthalene	15.360	128	549787	21.488	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224663	21.123	ug/L	100

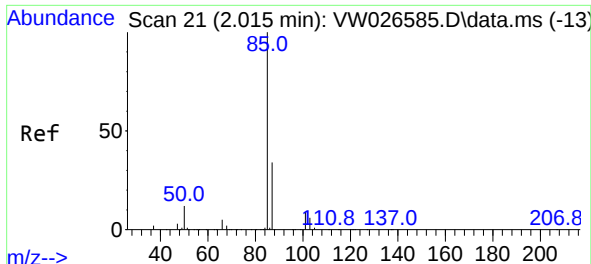
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026598.D
 Acq On : 11 Jul 2023 15:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: Jul 12 07:17:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

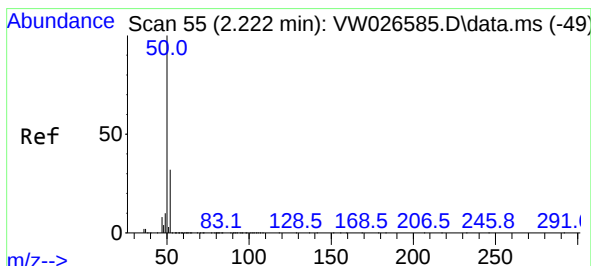
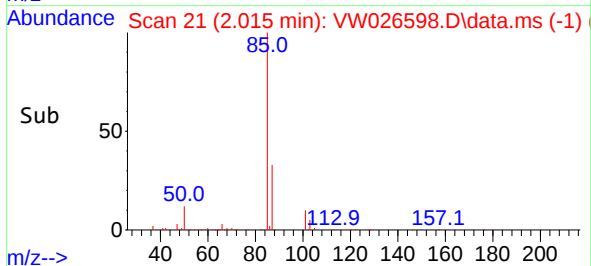
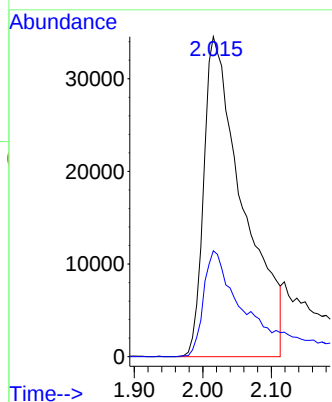
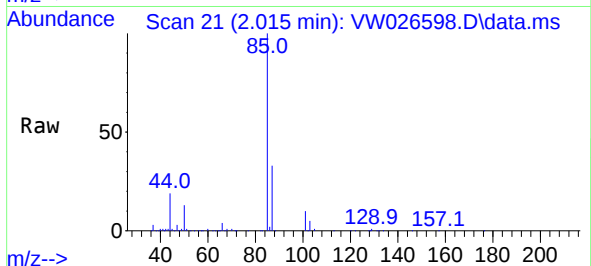




#2
Dichlorodifluoromethane
Concen: 16.713 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

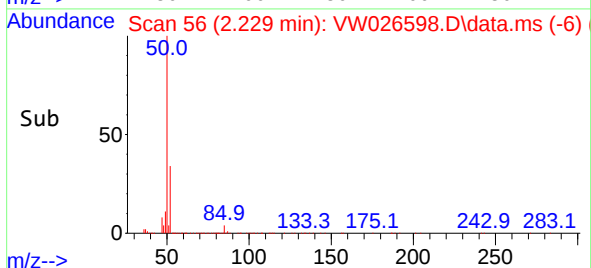
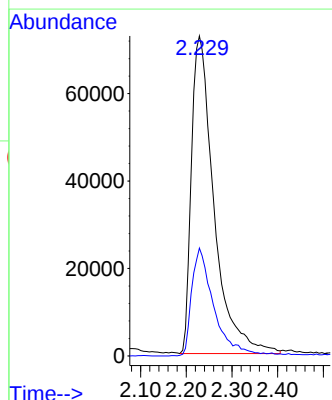
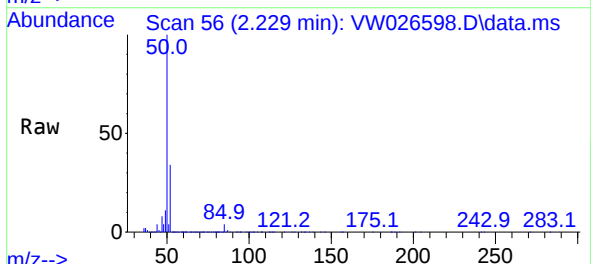
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

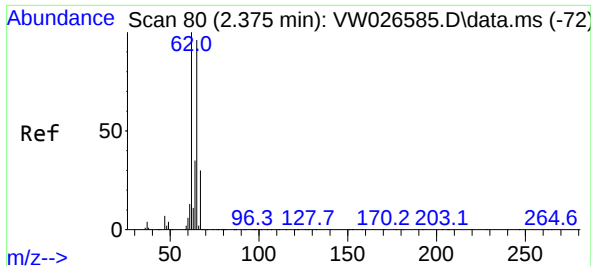
Tgt Ion: 85 Resp: 137473
Ion Ratio Lower Upper
85 100
87 30.3 21.4 32.0



#3
Chloromethane
Concen: 21.154 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 50 Resp: 248613
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.7

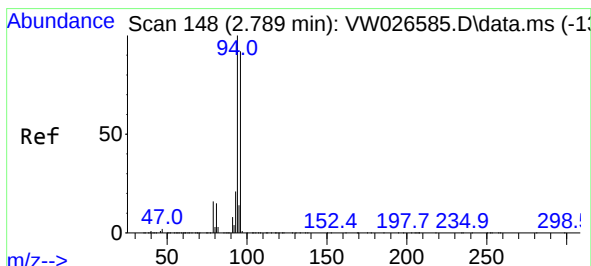
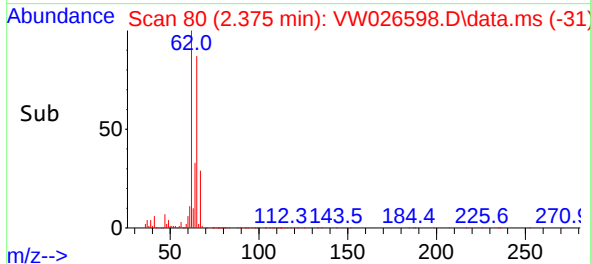
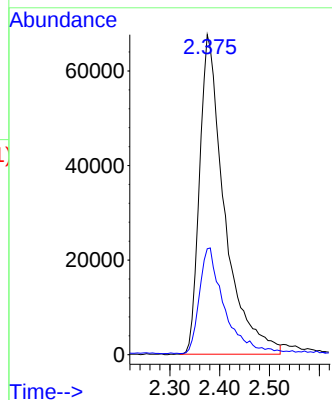
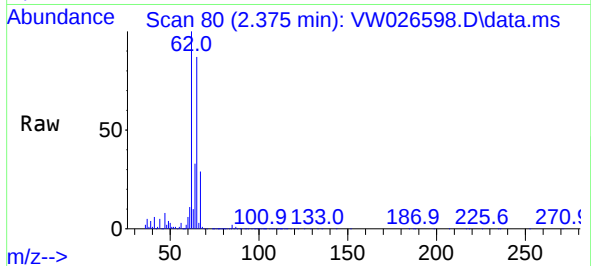




#5
 Vinyl chloride
 Concen: 18.943 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026598.D
 Acq: 11 Jul 2023 15:41

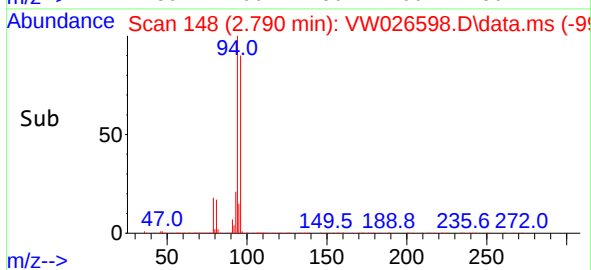
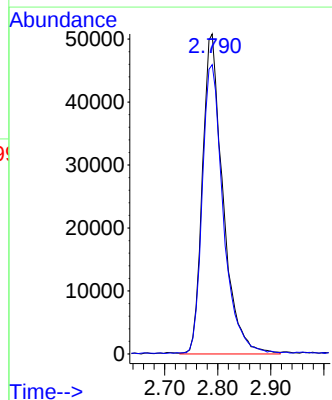
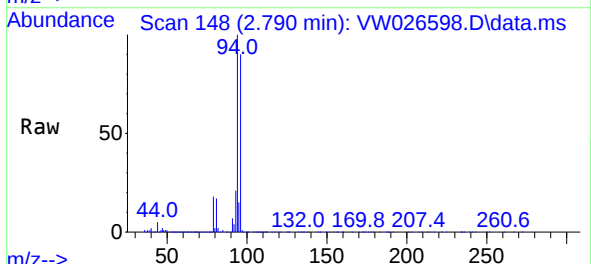
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

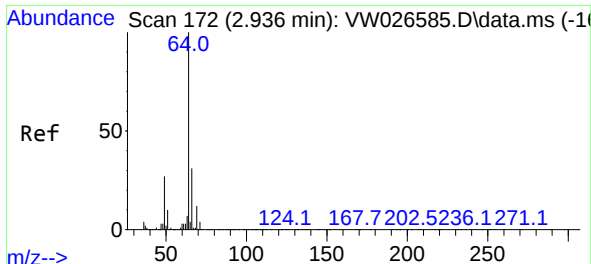
Tgt Ion: 62 Resp: 234623
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.2 45.0



#6
 Bromomethane
 Concen: 20.766 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026598.D
 Acq: 11 Jul 2023 15:41

Tgt Ion: 94 Resp: 136733
 Ion Ratio Lower Upper
 94 100
 96 90.4 64.5 119.9

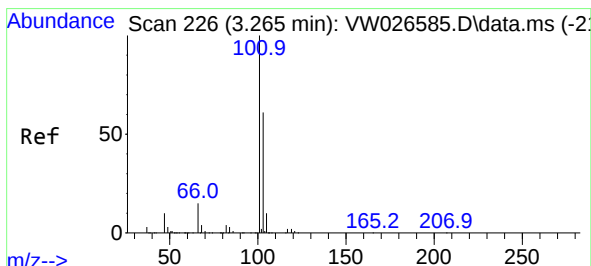
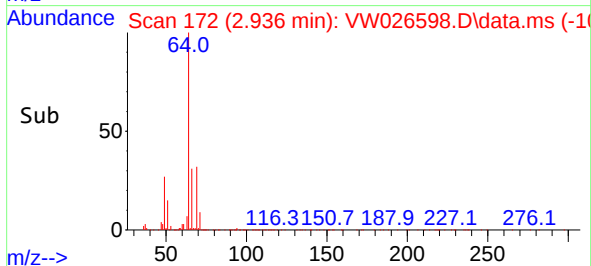
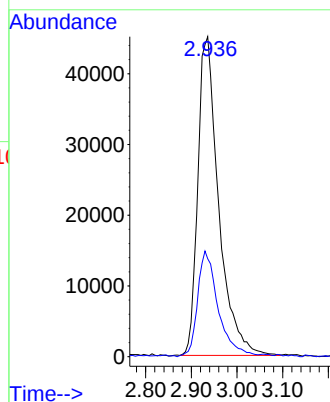
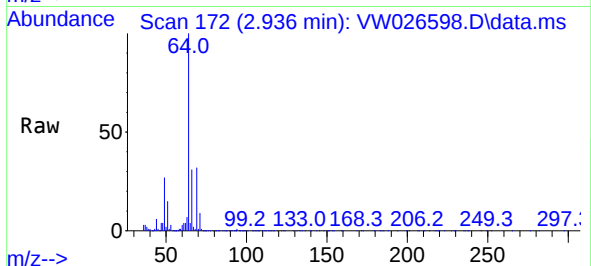




#8
Chloroethane
Concen: 20.544 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

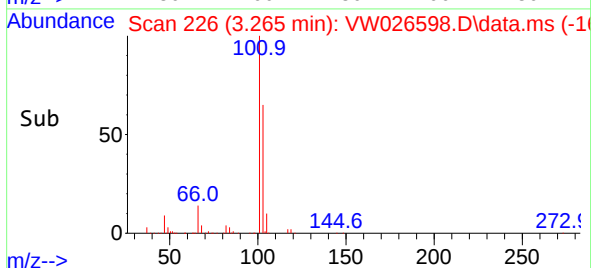
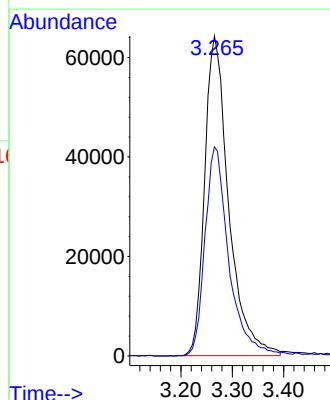
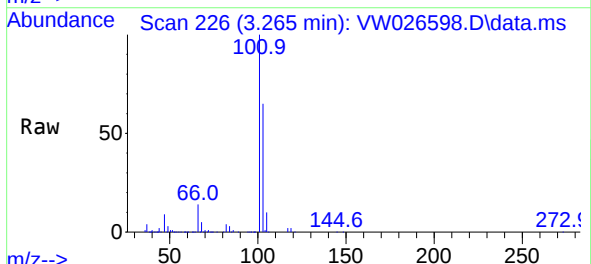
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

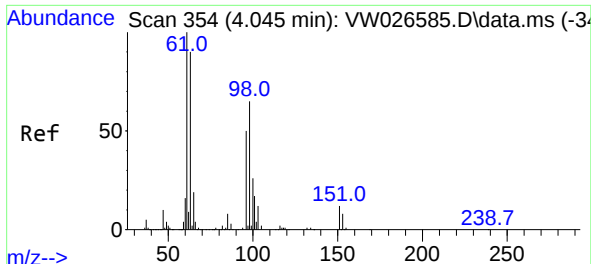
Tgt Ion: 64 Resp: 142285
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.738 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:101 Resp: 208602
Ion Ratio Lower Upper
101 100
103 64.9 50.3 75.5

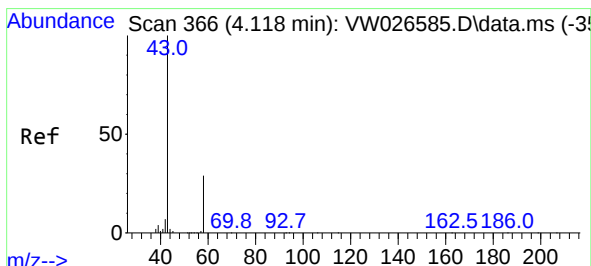
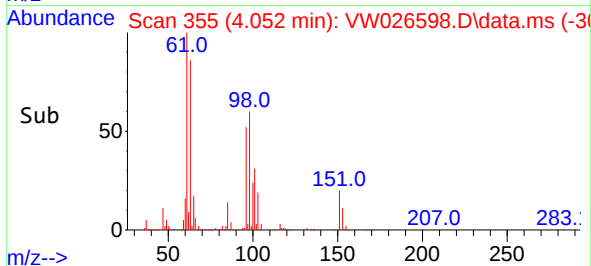
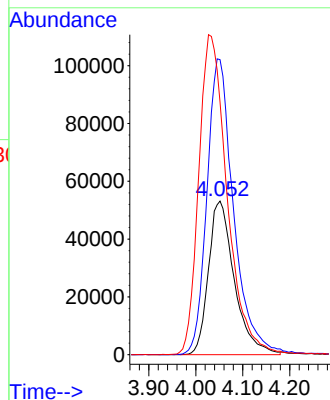
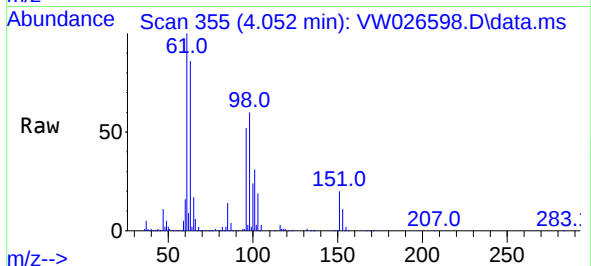




#12
1,1-Dichloroethene
Concen: 20.799 ug/L
RT: 4.052 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

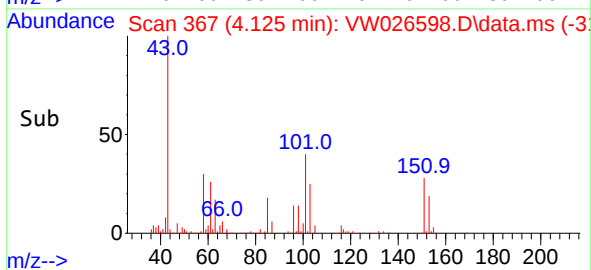
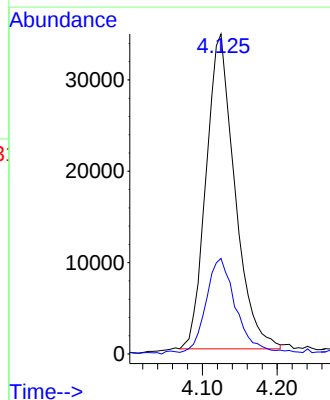
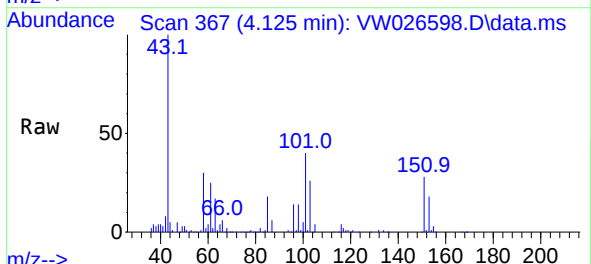
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

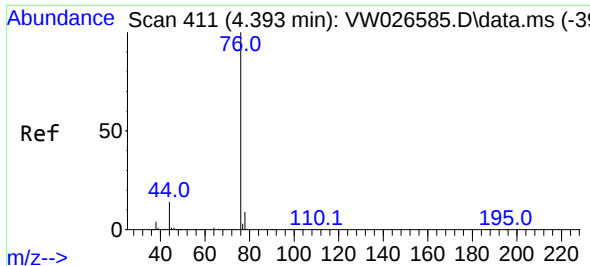
Tgt Ion: 96 Resp: 203172
Ion Ratio Lower Upper
96 100
61 192.2 140.8 261.4
63 164.4 127.7 237.3



#13
Acetone
Concen: 32.188 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 43 Resp: 92037
Ion Ratio Lower Upper
43 100
58 30.1 0.0 63.2

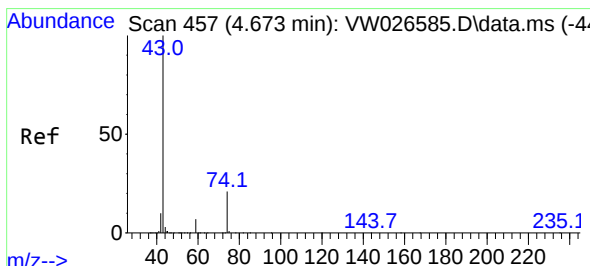
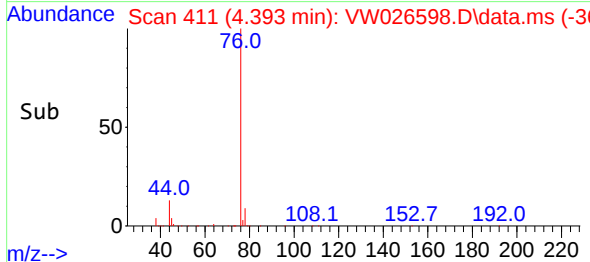
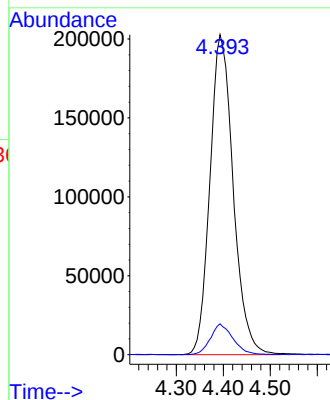
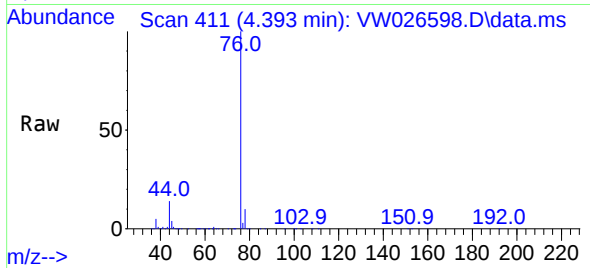




#14
Carbon disulfide
Concen: 20.352 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

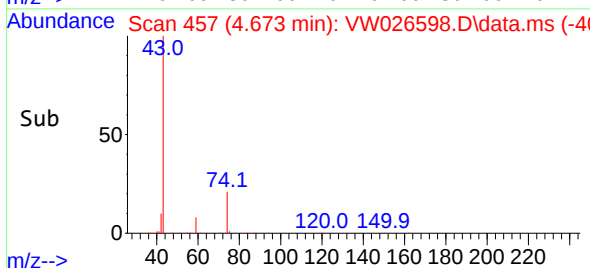
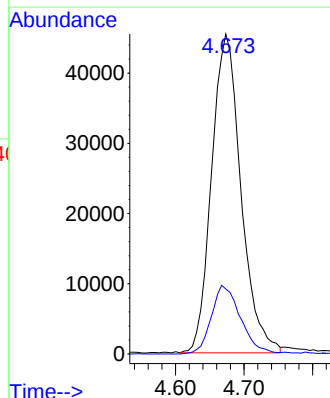
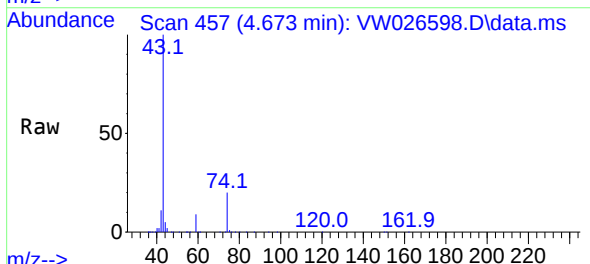
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

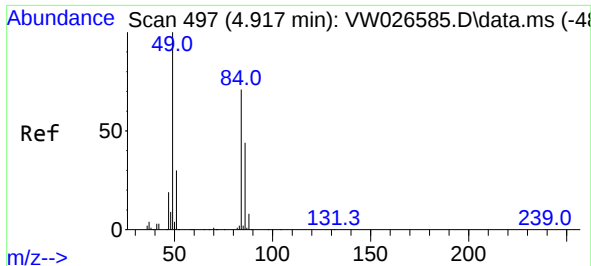
Tgt Ion: 76 Resp: 696913
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#15
Methyl Acetate
Concen: 19.656 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 43 Resp: 135032
Ion Ratio Lower Upper
43 100
74 21.4 16.3 24.5

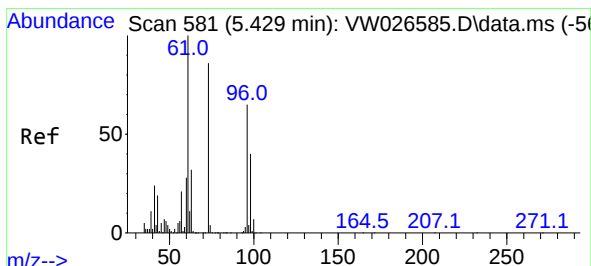
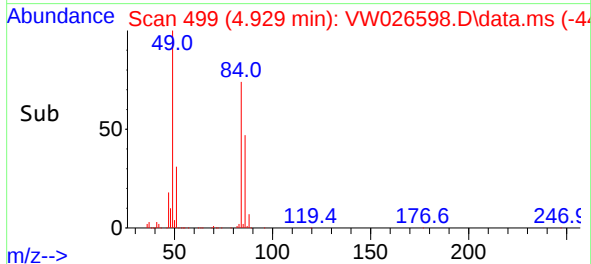
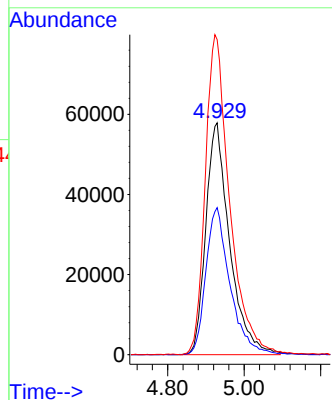
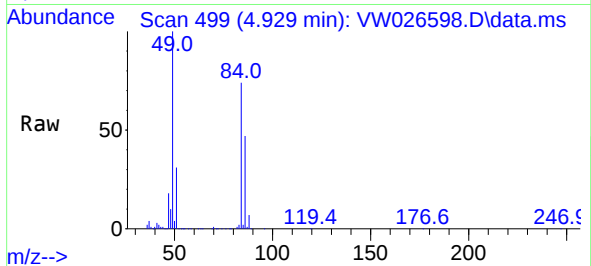




#16
Methylene chloride
Concen: 19.452 ug/L
RT: 4.929 min Scan# 49
Delta R.T. 0.012 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

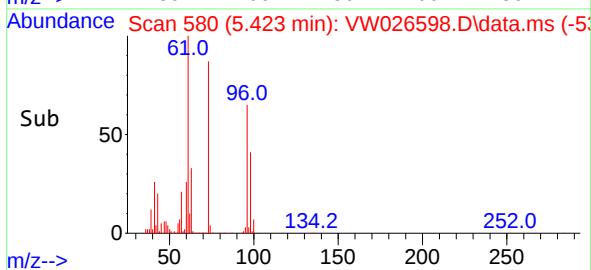
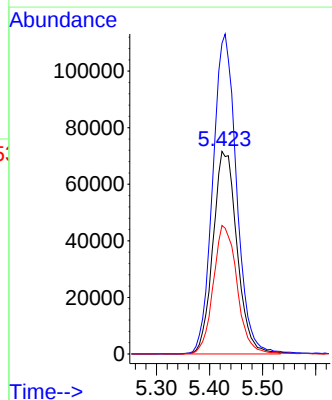
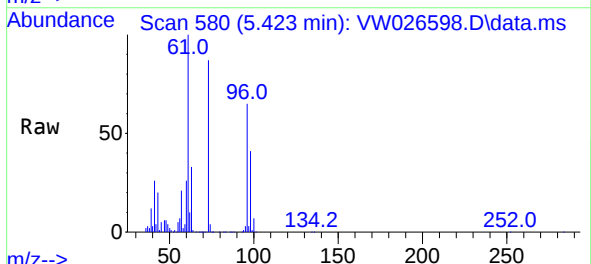
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

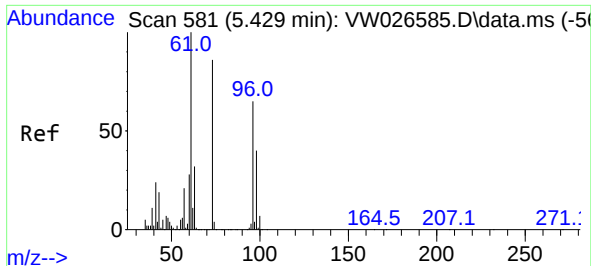
Tgt Ion: 84 Resp: 250573
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.3
49 135.9 99.2 184.2



#17
trans-1,2-Dichloroethene
Concen: 21.611 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 96 Resp: 225716
Ion Ratio Lower Upper
96 100
61 153.3 108.1 200.9
98 63.4 43.4 80.6

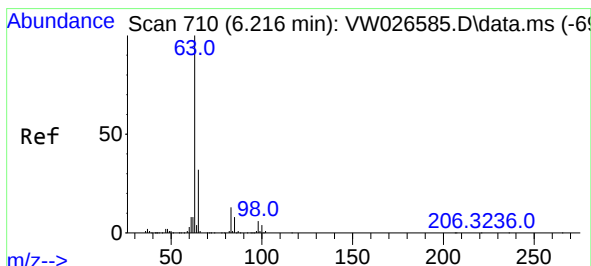
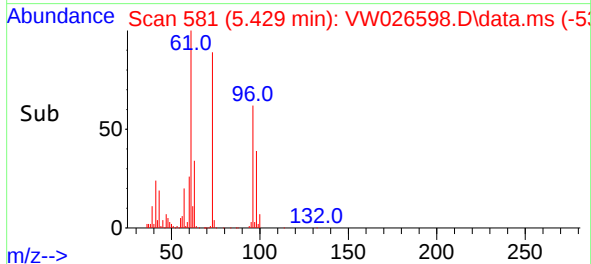
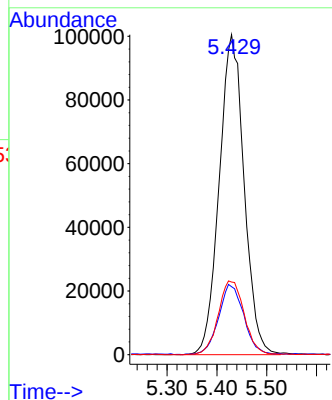
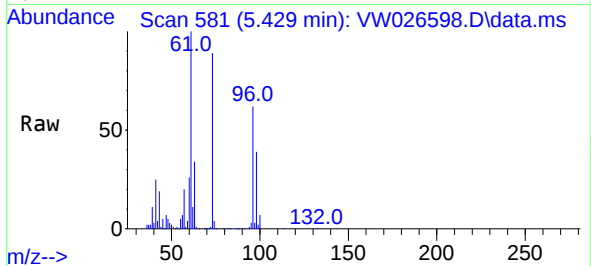




#18
Methyl tert-butyl Ether
Concen: 21.260 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

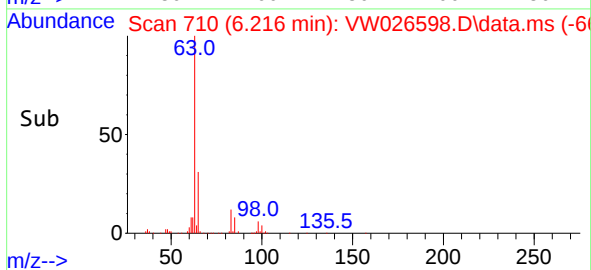
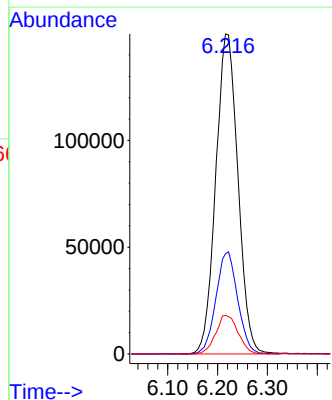
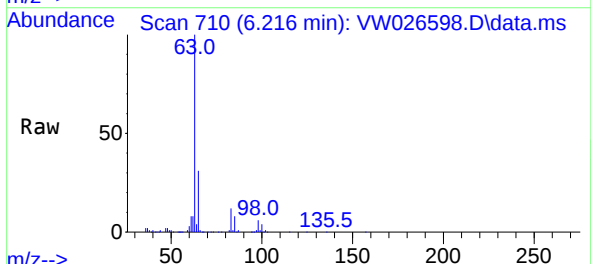
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

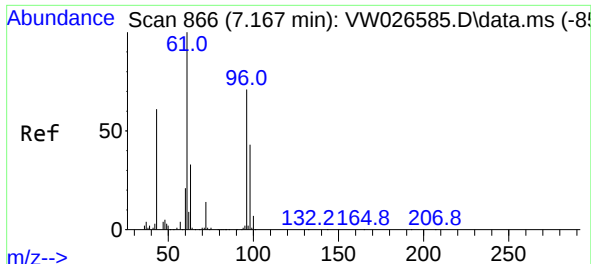
Tgt Ion: 73 Resp: 347531
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.2
57 24.0 19.3 28.9



#19
1,1-Dichloroethane
Concen: 22.137 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 63 Resp: 462253
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.5
83 12.0 8.8 16.4

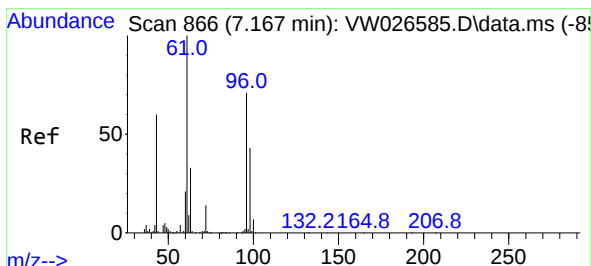
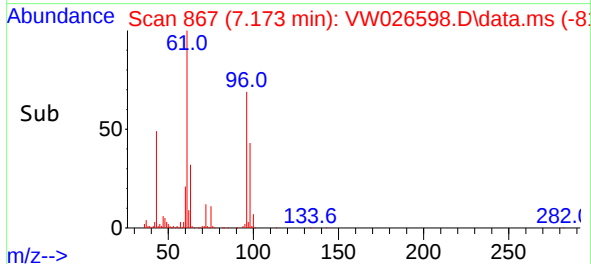
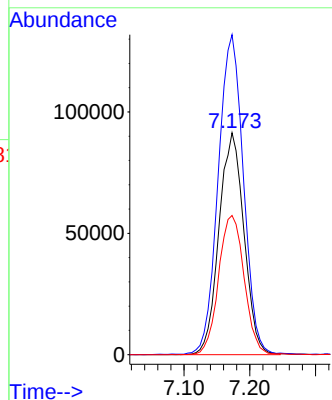
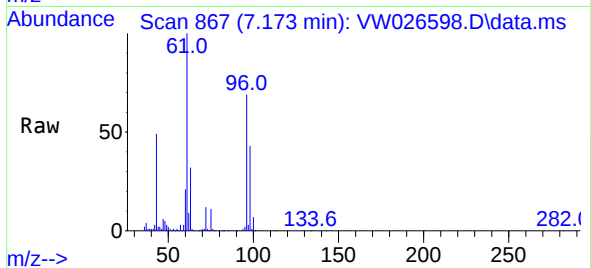




#20
cis-1,2-Dichloroethene
Concen: 22.328 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

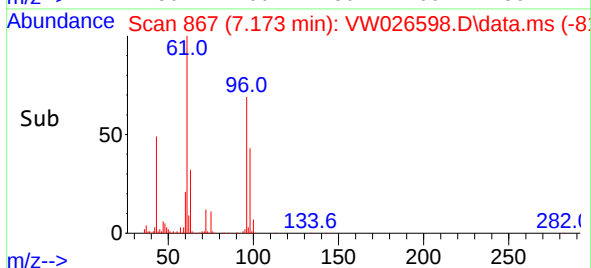
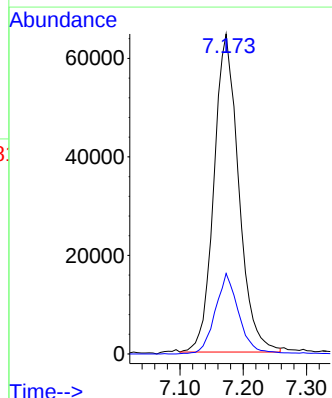
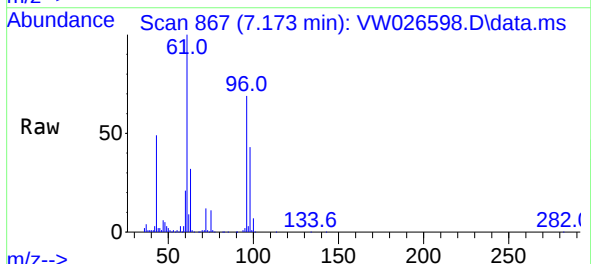
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

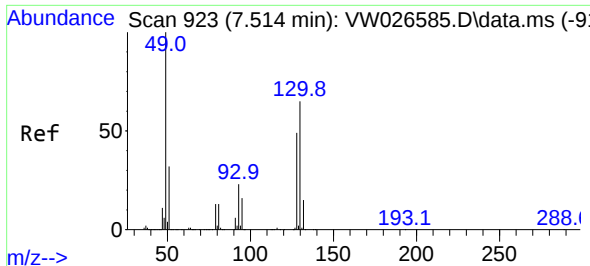
Tgt Ion: 96 Resp: 241483
Ion Ratio Lower Upper
96 100
61 144.2 98.8 183.6
98 62.7 42.4 78.6



#22
2-Butanone
Concen: 40.319 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 43 Resp: 175561
Ion Ratio Lower Upper
43 100
72 24.1 11.9 35.5



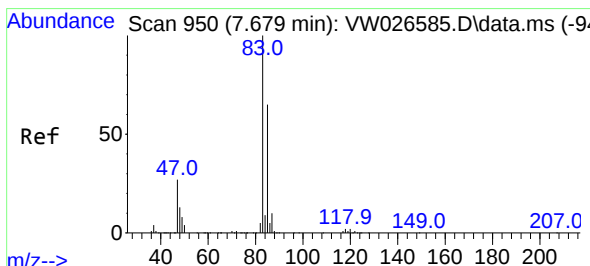
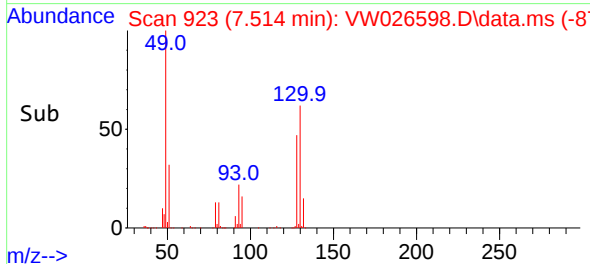
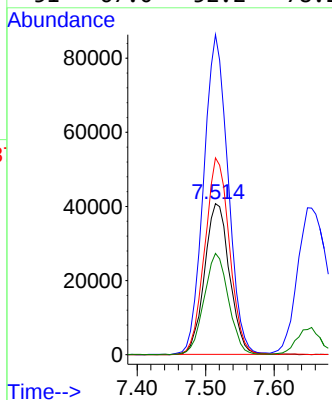
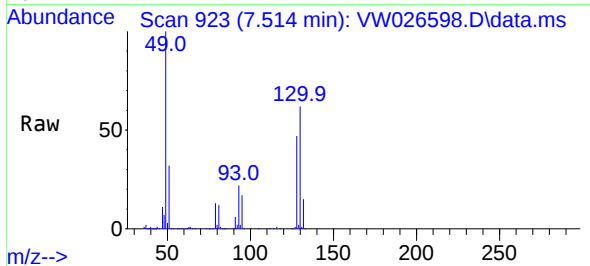


#23
Bromochloromethane
Concen: 22.168 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

Tgt Ion:128 Resp: 102697

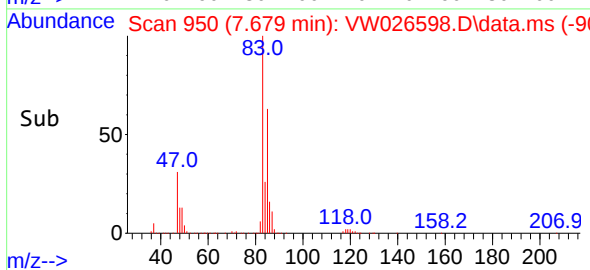
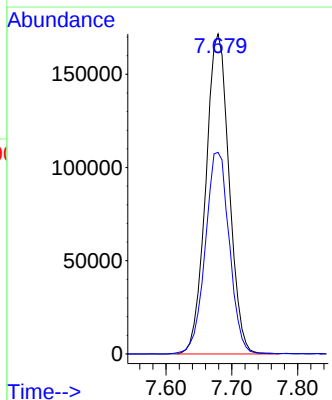
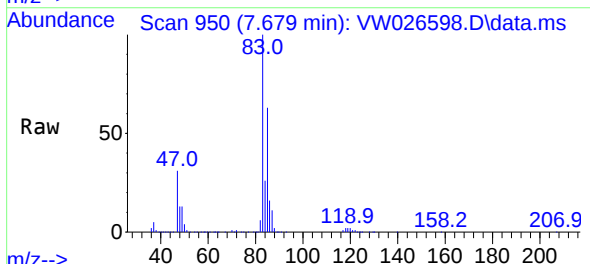
Ion	Ratio	Lower	Upper
128	100		
49	211.9	142.1	263.9
130	130.3	92.9	172.5
51	67.0	52.2	78.2

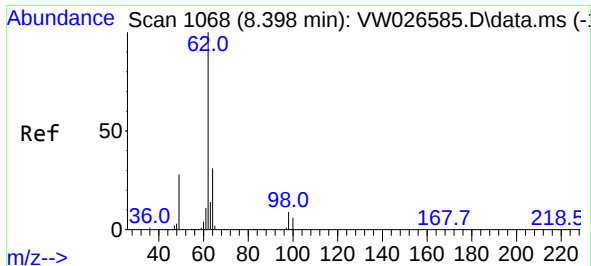


#25
Chloroform
Concen: 22.127 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 83 Resp: 423346

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.7	84.9





#27

1,2-Dichloroethane

Concen: 22.435 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

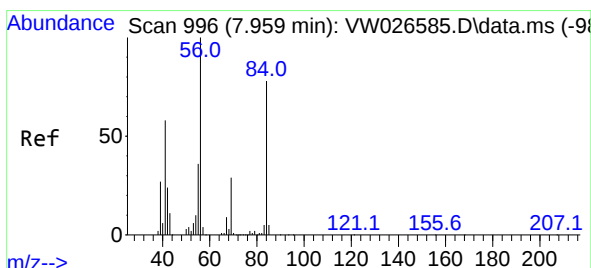
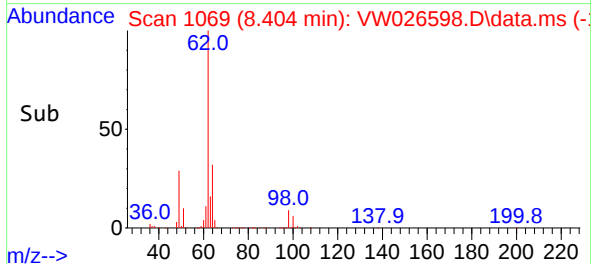
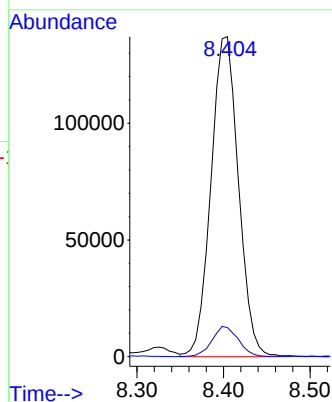
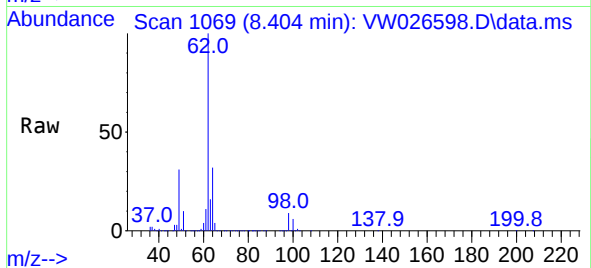
VSTD025555

Tgt Ion: 62 Resp: 302174

Ion Ratio Lower Upper

62 100

98 9.1 6.7 10.1



#29

Cyclohexane

Concen: 22.223 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

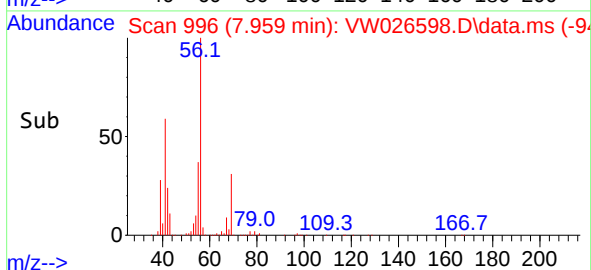
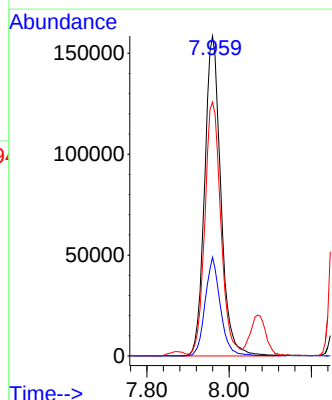
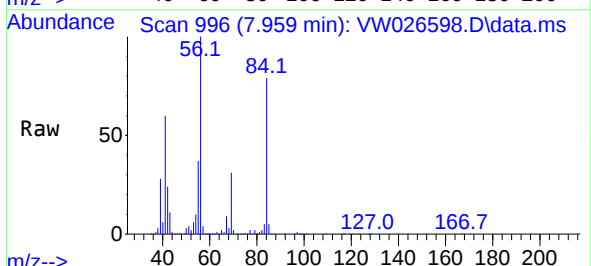
Tgt Ion: 56 Resp: 433775

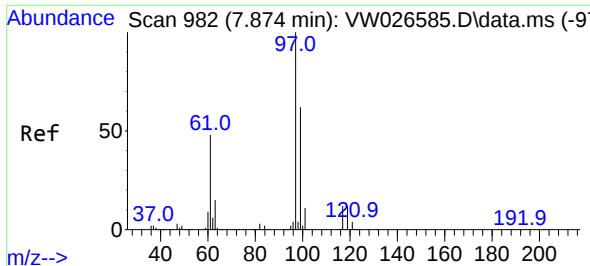
Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 78.2 62.6 94.0

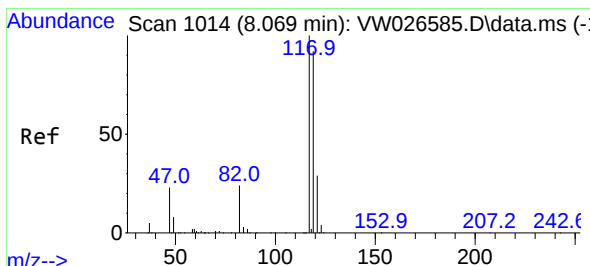
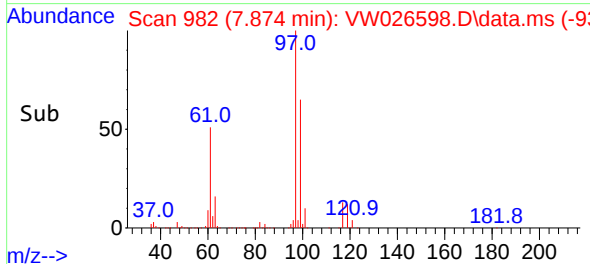
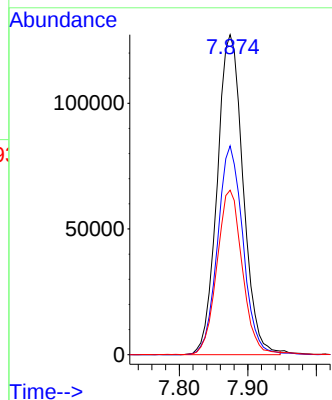
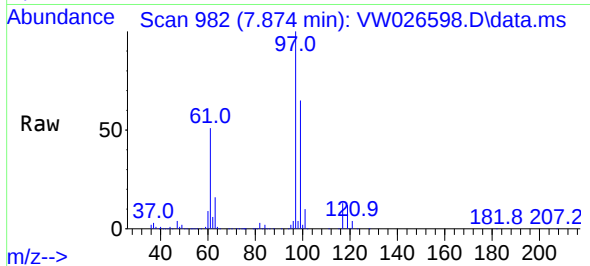




#30
1,1,1-Trichloroethane
Concen: 21.698 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

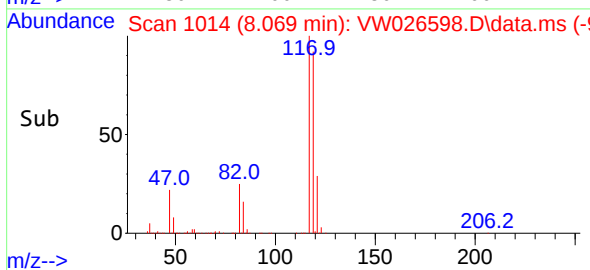
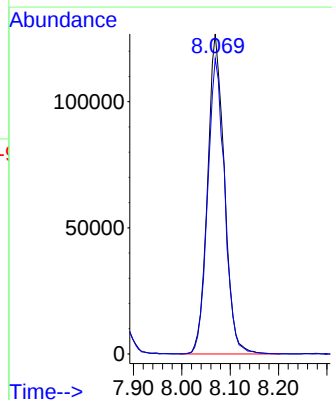
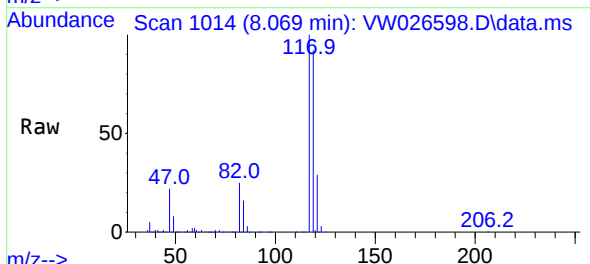
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

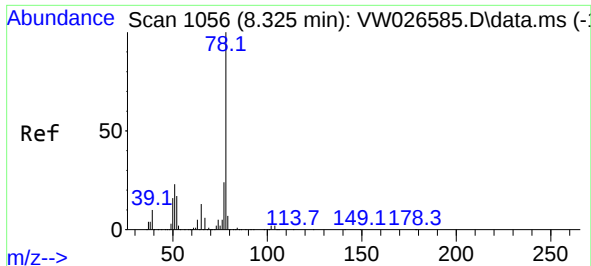
Tgt Ion: 97 Resp: 333404
Ion Ratio Lower Upper
97 100
99 64.0 49.9 74.9
61 50.8 39.8 59.8



#31
Carbon tetrachloride
Concen: 22.001 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 117 Resp: 306875
Ion Ratio Lower Upper
117 100
119 93.5 77.1 115.7

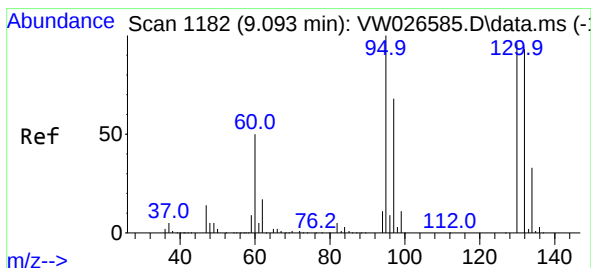
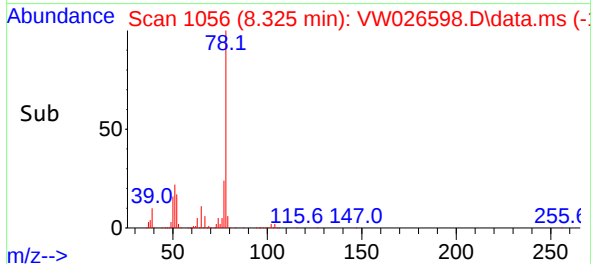
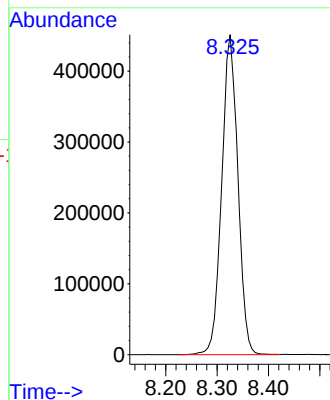
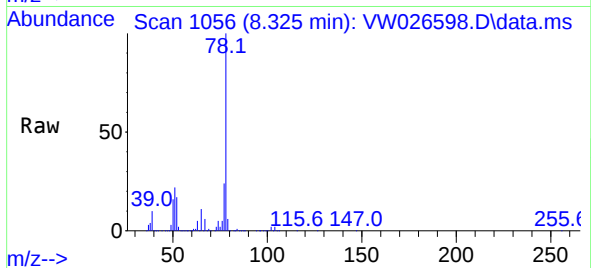




#33
Benzene
Concen: 22.801 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

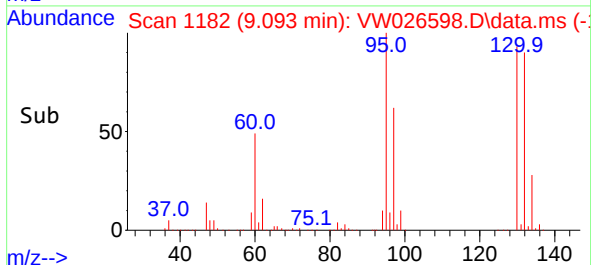
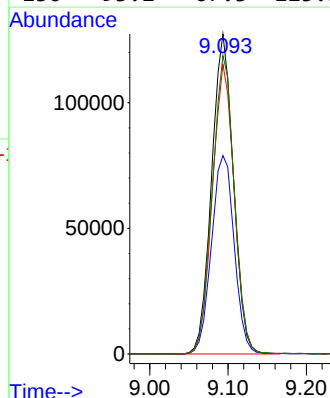
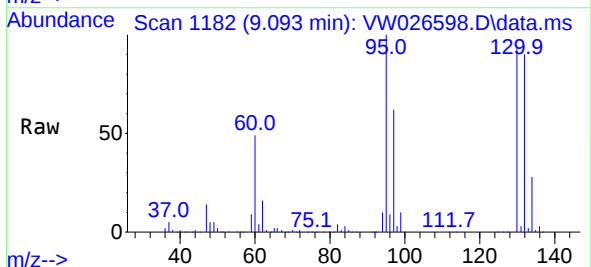
Tgt Ion: 78 Resp: 984892

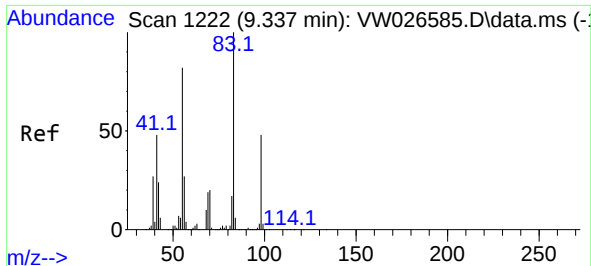


#34
Trichloroethene
Concen: 22.132 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 95 Resp: 245572

Ion	Ratio	Lower	Upper
95	100		
97	62.0	47.9	88.9
132	90.5	65.0	120.8
130	93.2	67.3	125.1





#35

Methylcyclohexane

Concen: 22.224 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025555

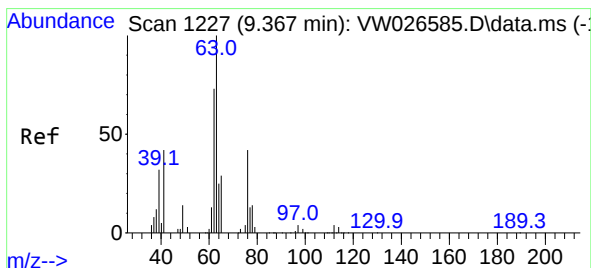
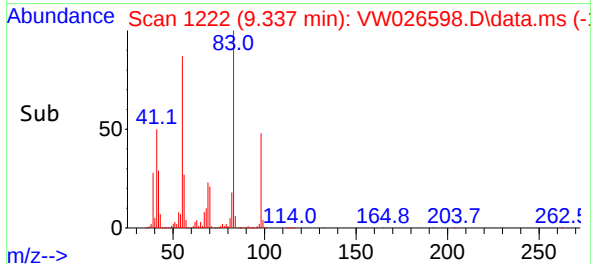
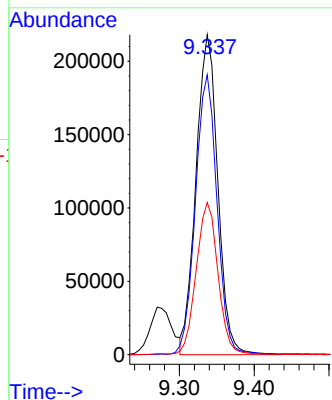
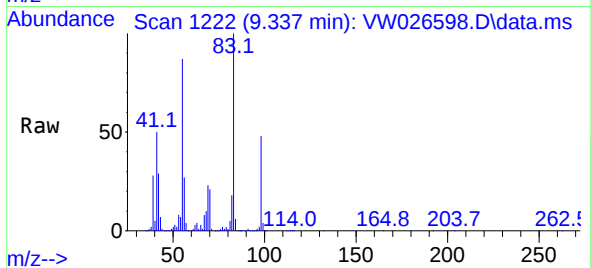
Tgt Ion: 83 Resp: 442783

Ion Ratio Lower Upper

83 100

55 86.6 68.7 103.1

98 47.5 37.3 55.9



#37

1,2-Dichloropropane

Concen: 22.711 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026598.D

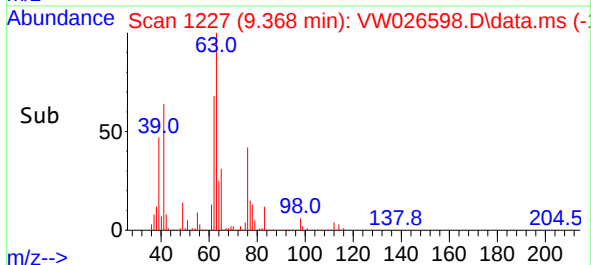
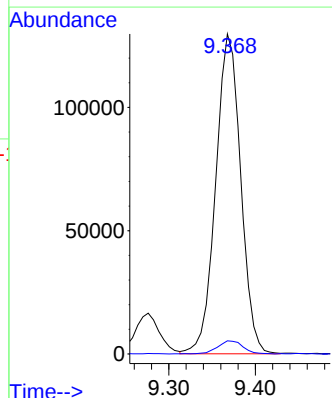
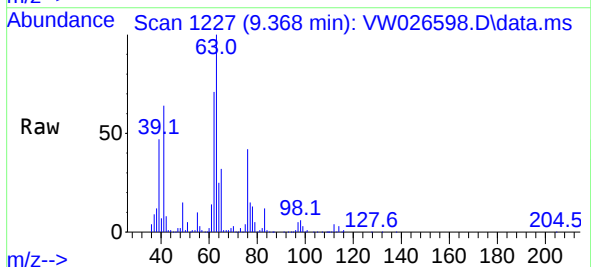
Acq: 11 Jul 2023 15:41

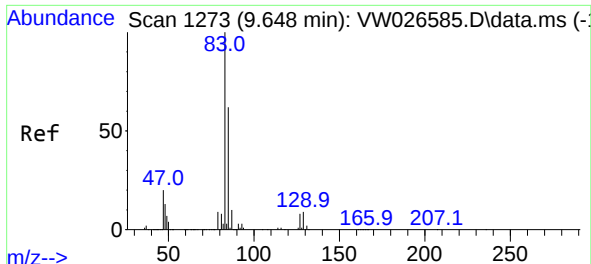
Tgt Ion: 63 Resp: 260518

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2





#38

Bromodichloromethane

Concen: 22.761 ug/L

RT: 9.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025555

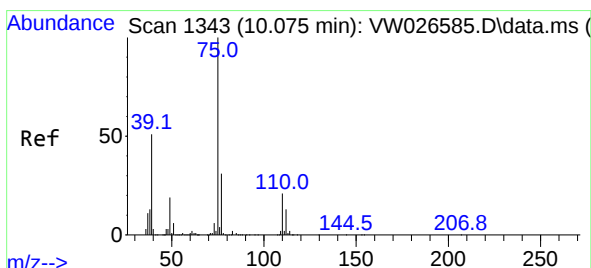
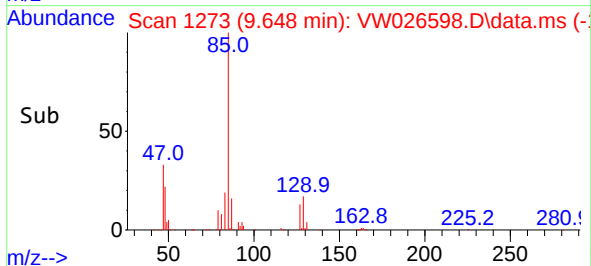
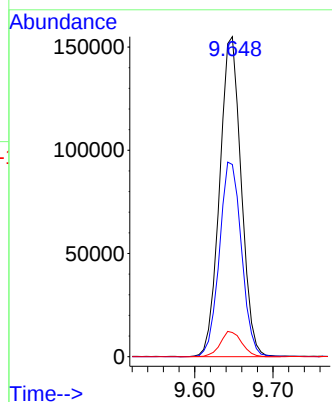
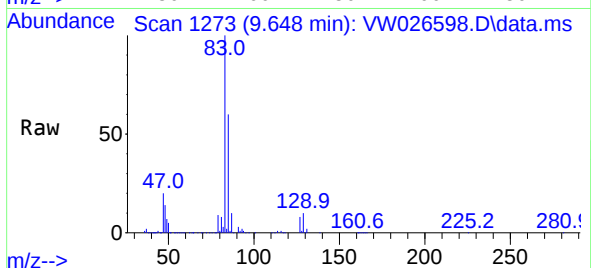
Tgt Ion: 83 Resp: 296636

Ion Ratio Lower Upper

83 100

85 60.1 43.3 80.3

127 7.5 6.6 10.0



#39

cis-1,3-Dichloropropene

Concen: 23.129 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026598.D

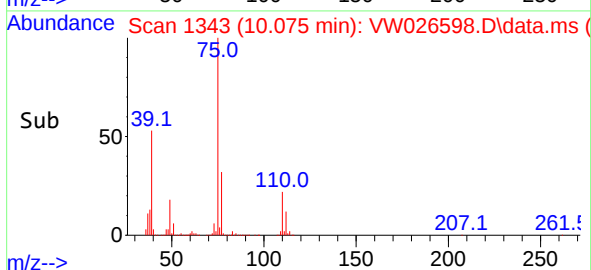
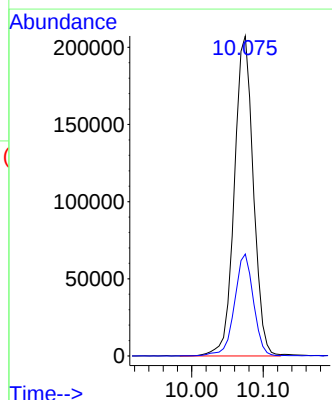
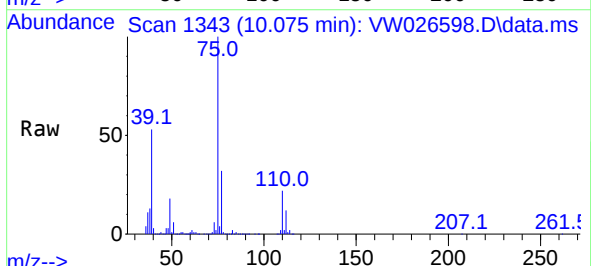
Acq: 11 Jul 2023 15:41

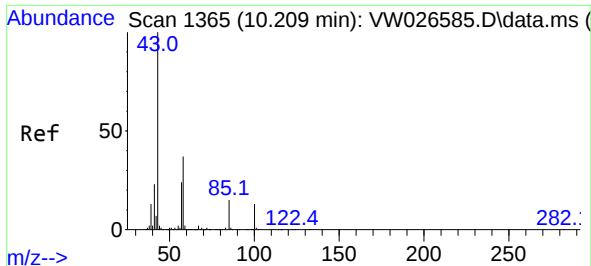
Tgt Ion: 75 Resp: 381976

Ion Ratio Lower Upper

75 100

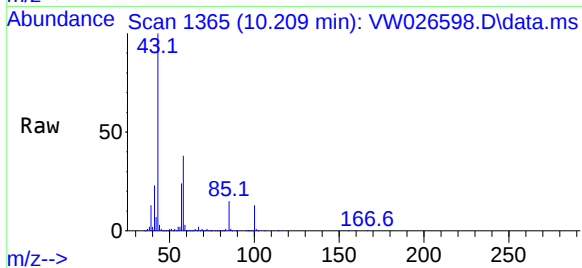
77 31.8 21.4 39.8



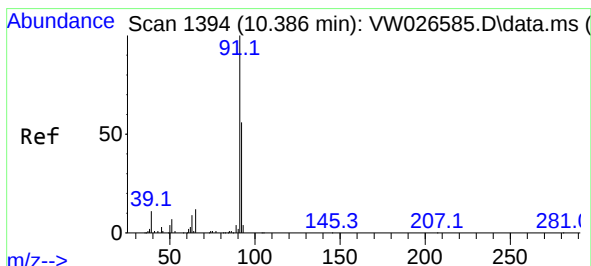
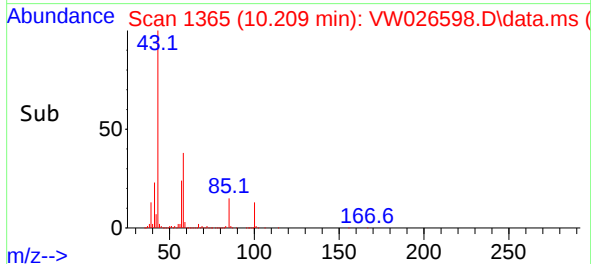
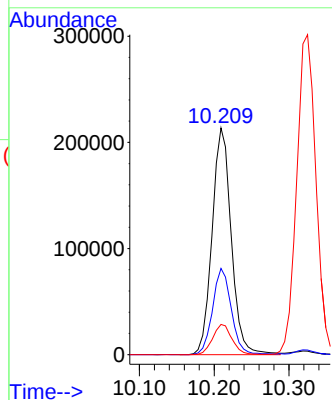


#40
4-Methyl-2-pentanone
Concen: 44.090 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

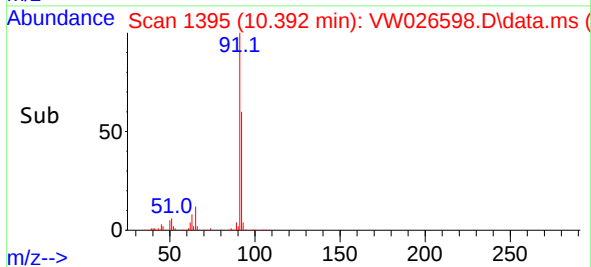
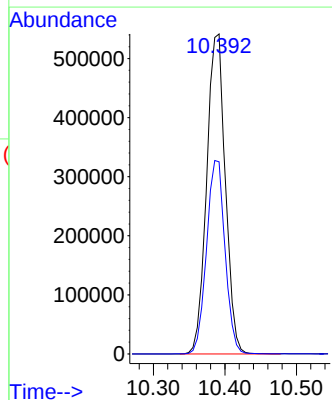
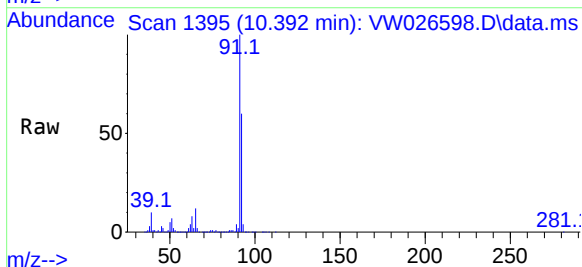


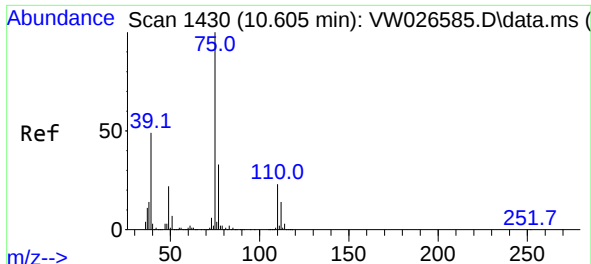
Tgt Ion: 43 Resp: 381743
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.8
100 13.5 10.7 16.1



#42
Toluene
Concen: 22.516 ug/L
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 91 Resp: 982216
Ion Ratio Lower Upper
91 100
92 60.0 39.5 73.3

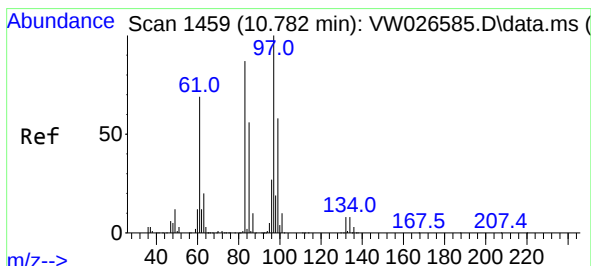
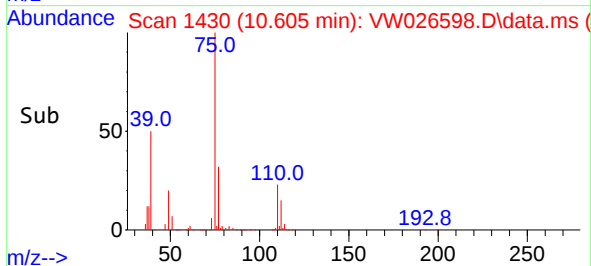
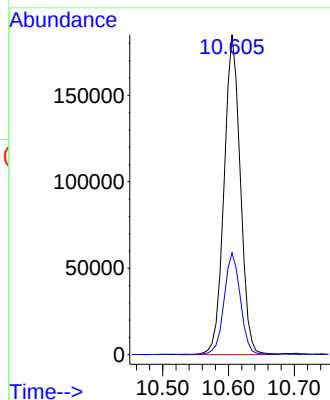
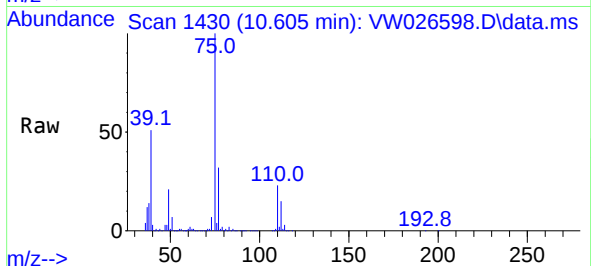




#44
trans-1,3-Dichloropropene
Concen: 22.827 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

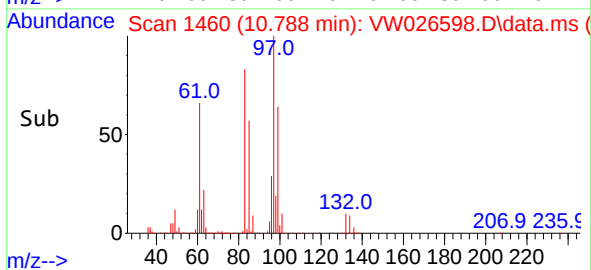
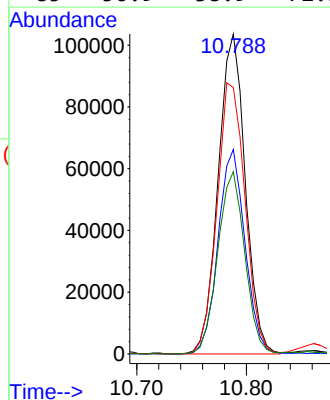
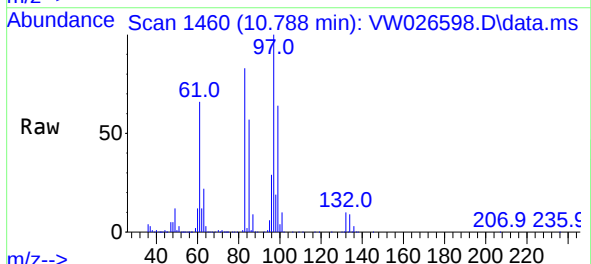
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

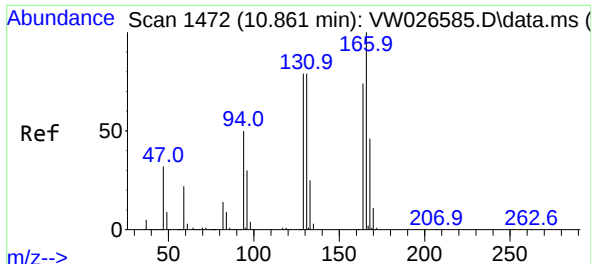
Tgt Ion: 75 Resp: 317955
Ion Ratio Lower Upper
75 100
77 31.8 23.0 42.6



#45
1,1,2-Trichloroethane
Concen: 22.238 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 97 Resp: 178044
Ion Ratio Lower Upper
97 100
99 63.9 40.5 75.3
83 83.3 61.0 113.2
85 56.9 38.9 72.3

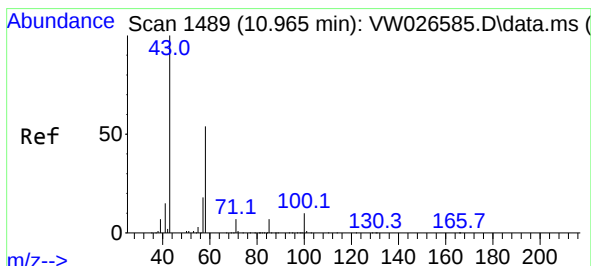
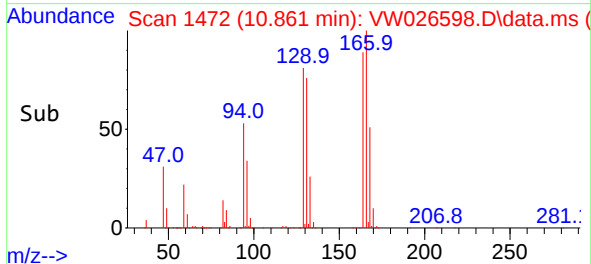
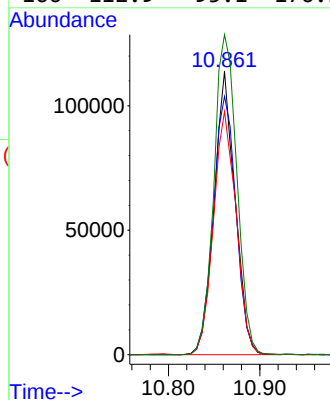
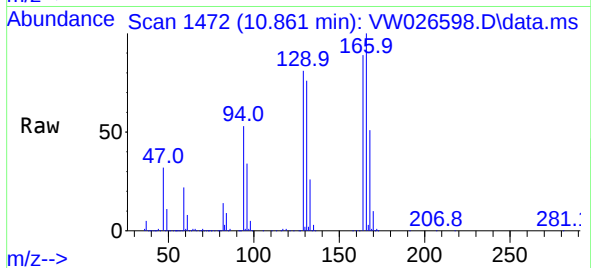




#46
Tetrachloroethene
Concen: 22.982 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

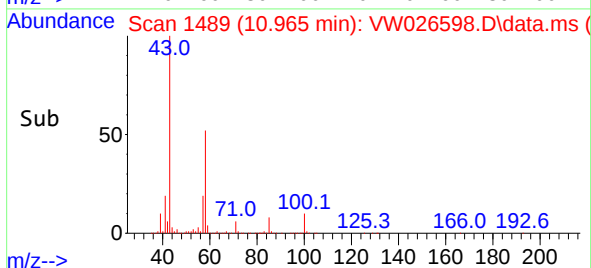
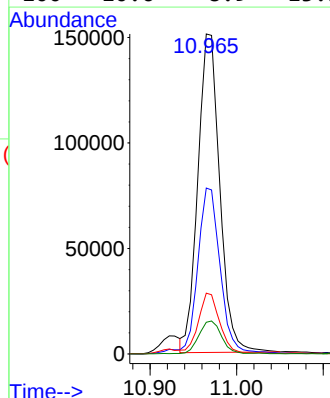
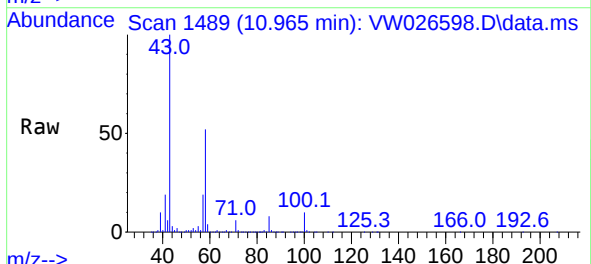
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

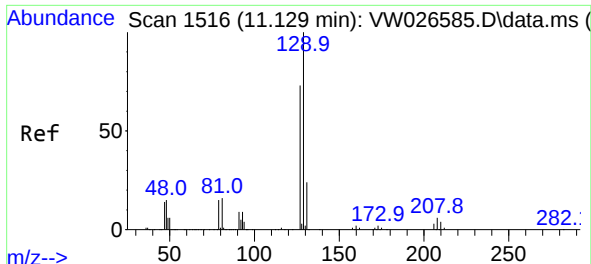
Tgt Ion:164 Resp: 181028
Ion Ratio Lower Upper
164 100
129 91.2 75.5 140.1
131 85.9 74.8 138.8
166 112.9 95.1 176.5



#48
2-Hexanone
Concen: 43.991 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 43 Resp: 265808
Ion Ratio Lower Upper
43 100
58 52.7 42.1 63.1
57 18.7 14.8 22.2
100 10.6 8.9 13.3

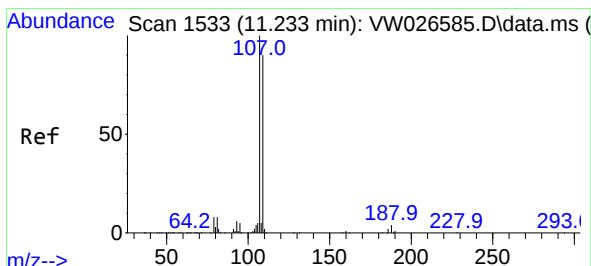
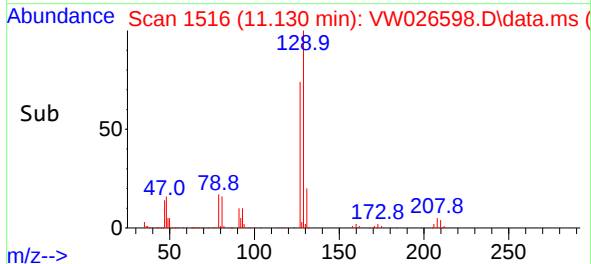
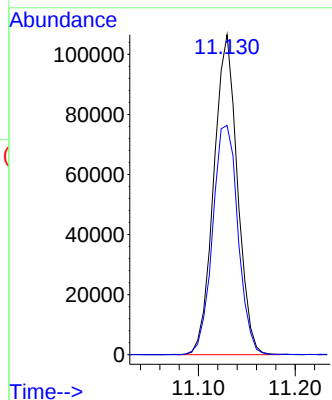
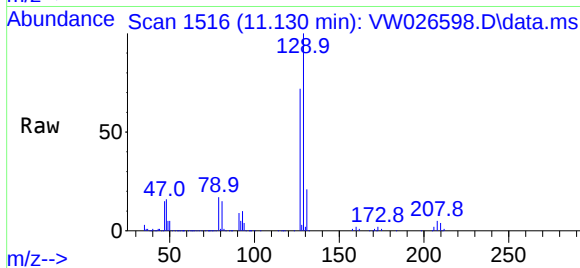




#49
Dibromochloromethane
Concen: 22.777 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

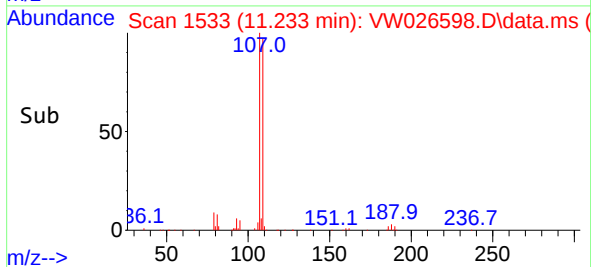
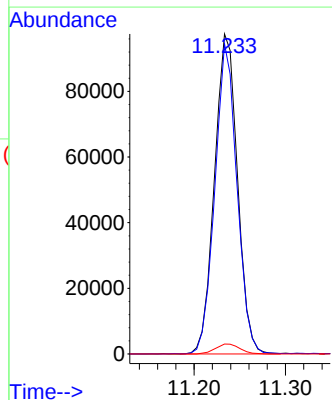
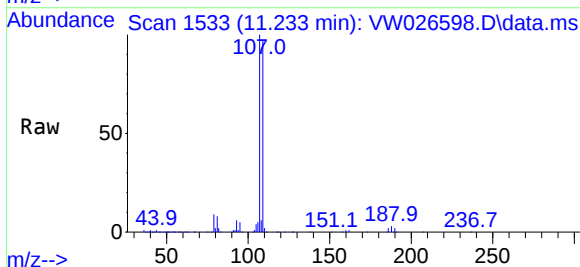
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

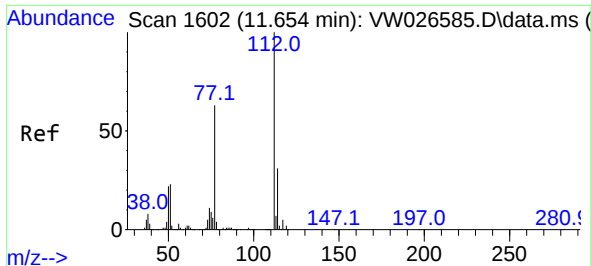
Tgt Ion:129 Resp: 180562
Ion Ratio Lower Upper
129 100
127 71.7 51.2 95.2



#50
1,2-Dibromoethane
Concen: 22.559 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:107 Resp: 170249
Ion Ratio Lower Upper
107 100
109 96.9 62.9 116.7
188 3.1 2.8 4.2

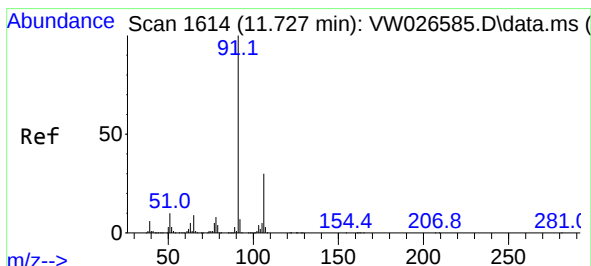
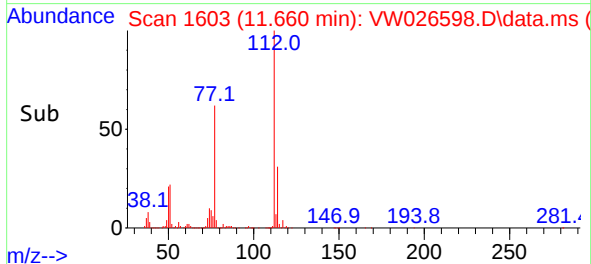
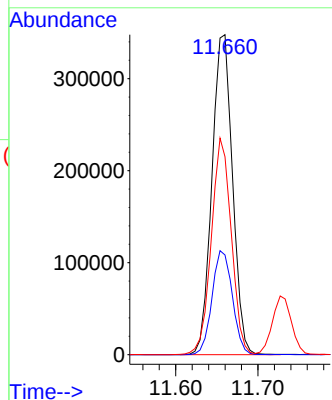
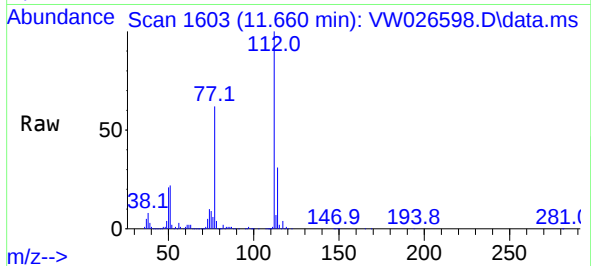




#51
Chlorobenzene
Concen: 22.615 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

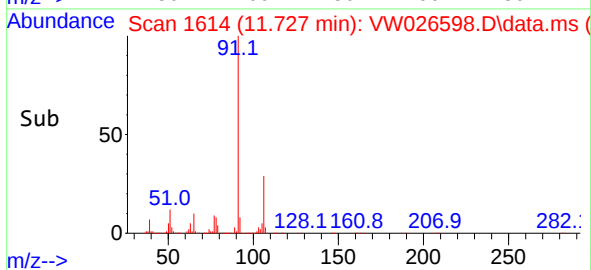
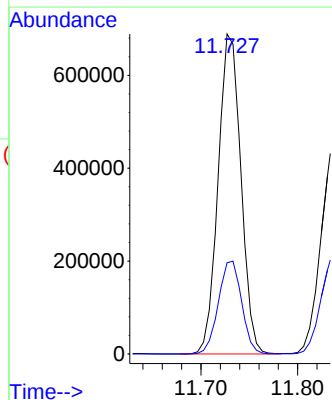
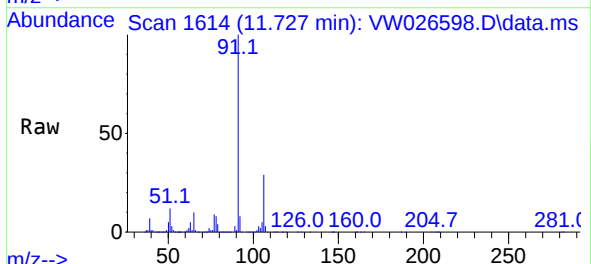
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

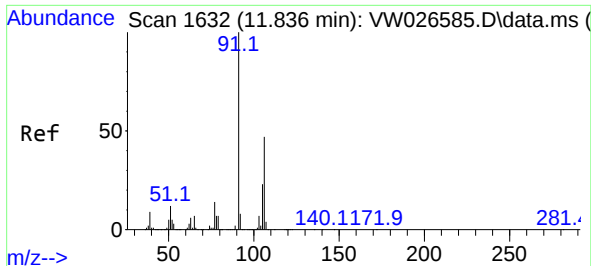
Tgt Ion:112 Resp: 604868
Ion Ratio Lower Upper
112 100
114 31.1 21.6 40.2
77 61.9 50.3 75.5



#52
Ethylbenzene
Concen: 23.181 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 91 Resp: 1125759
Ion Ratio Lower Upper
91 100
106 28.5 20.8 38.6

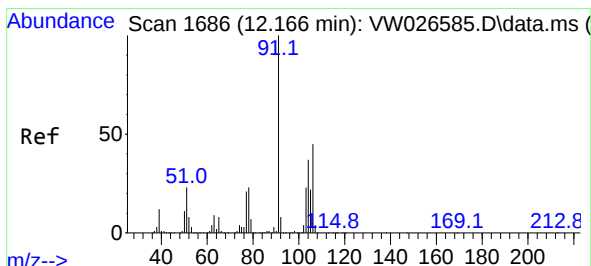
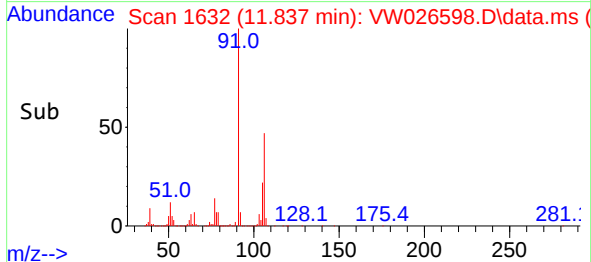
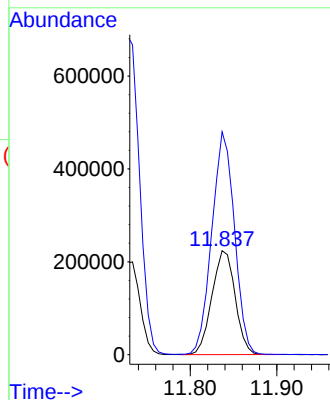
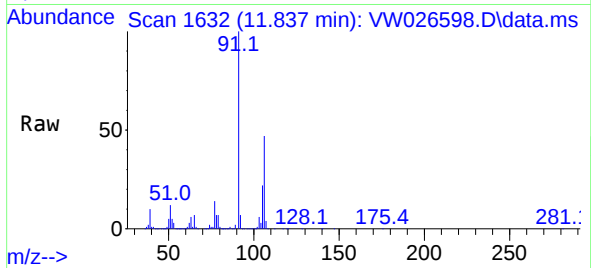




#53
m,p-Xylene
Concen: 23.559 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

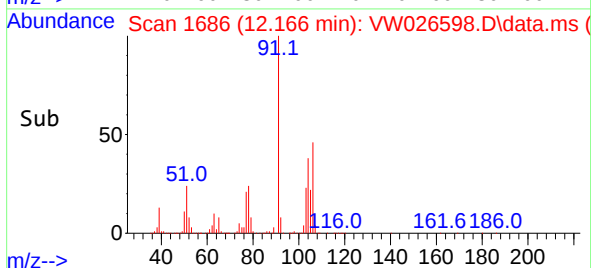
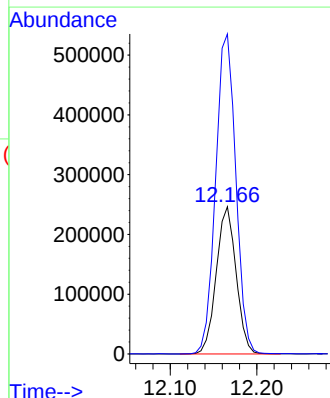
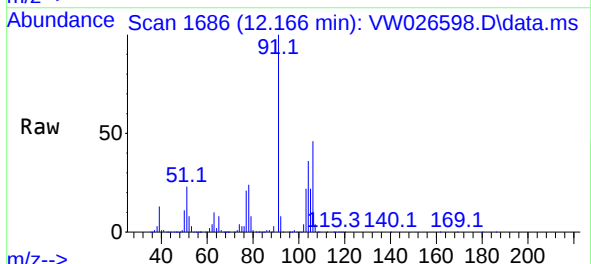
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

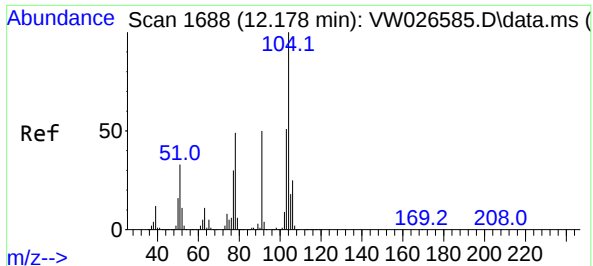
Tgt Ion:106 Resp: 416240
Ion Ratio Lower Upper
106 100
91 214.2 150.3 279.1



#54
o-Xylene
Concen: 23.592 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:106 Resp: 391245
Ion Ratio Lower Upper
106 100
91 217.3 154.3 286.5

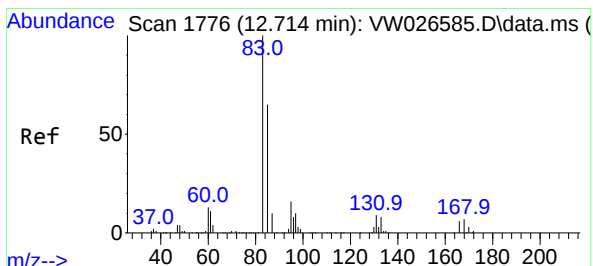
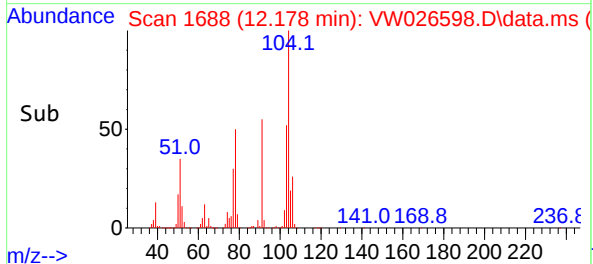
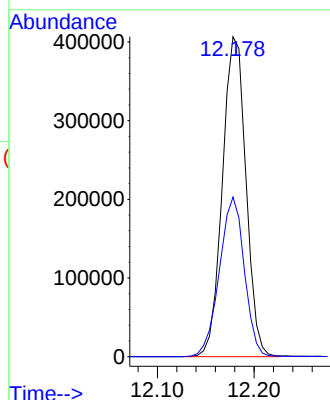
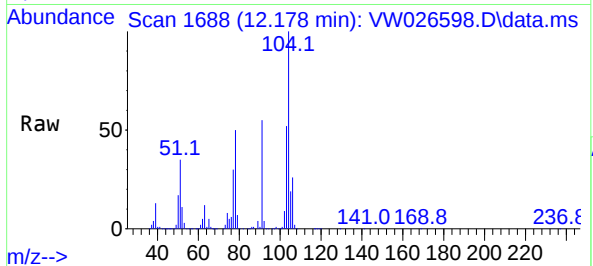




#55
Styrene
Concen: 24.540 ug/L
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

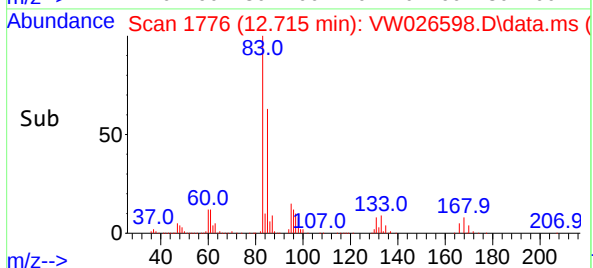
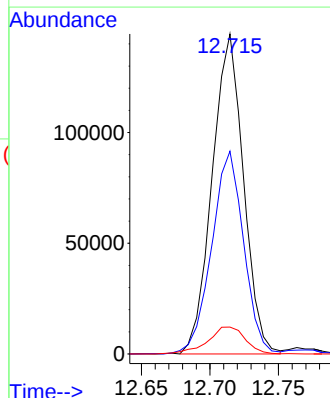
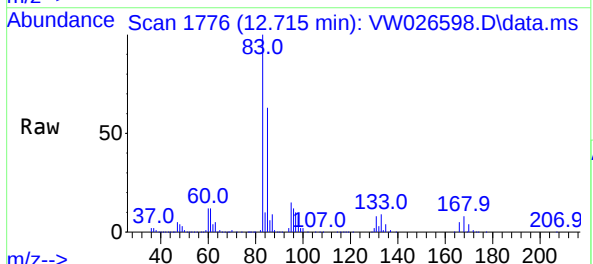
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

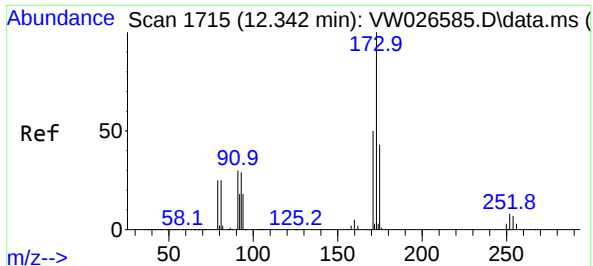
Tgt Ion:104 Resp: 686445
Ion Ratio Lower Upper
104 100
78 49.9 34.6 64.2



#57
1,1,2,2-Tetrachloroethane
Concen: 21.883 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion: 83 Resp: 229922
Ion Ratio Lower Upper
83 100
85 63.4 46.2 85.8
131 8.4 7.2 10.8

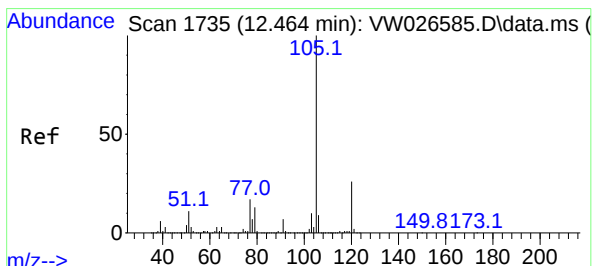
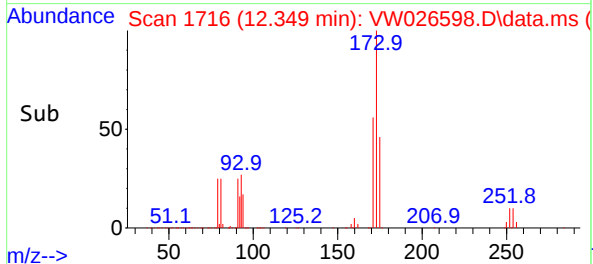
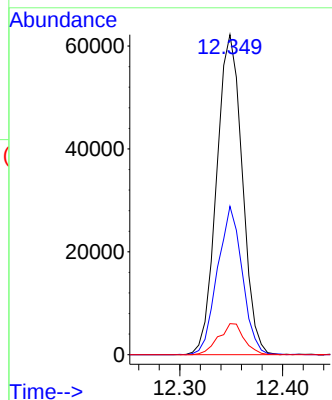
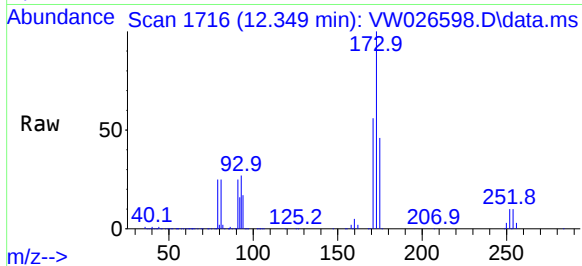




#59
Bromoform
Concen: 21.283 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

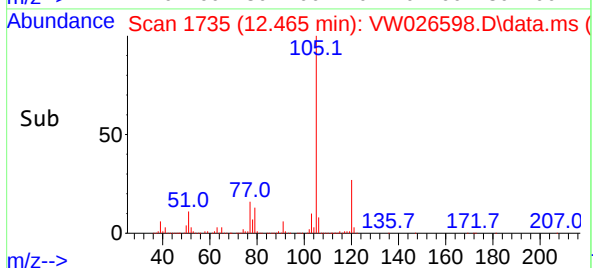
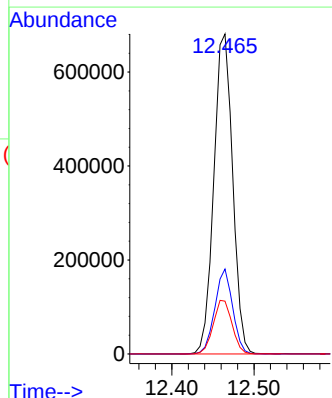
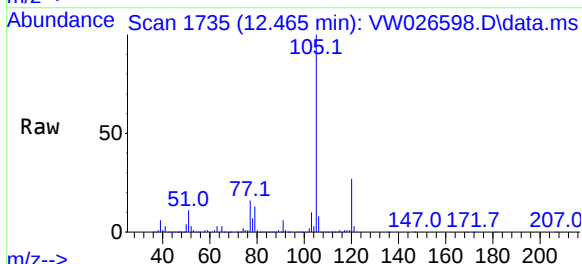
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

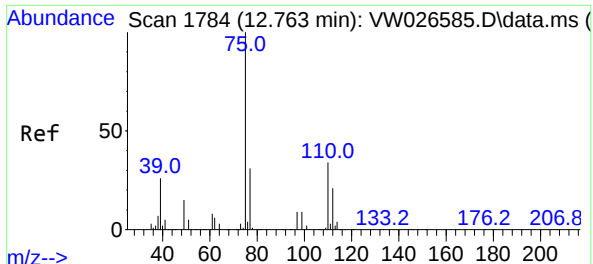
Tgt Ion:173 Resp: 107869
Ion Ratio Lower Upper
173 100
175 45.0 36.6 54.8
254 9.7 7.8 11.6



#60
Isopropylbenzene
Concen: 21.854 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:105 Resp: 1083501
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.7 13.4 20.2





#61

1,2,3-Trichloropropane

Concen: 20.074 ug/L

RT: 12.770 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025555

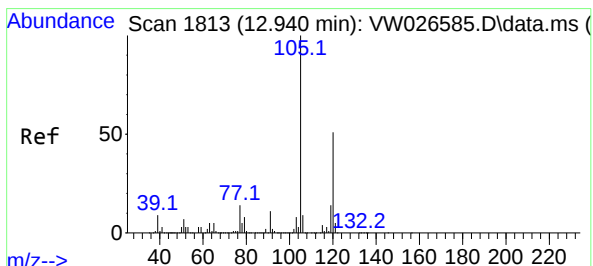
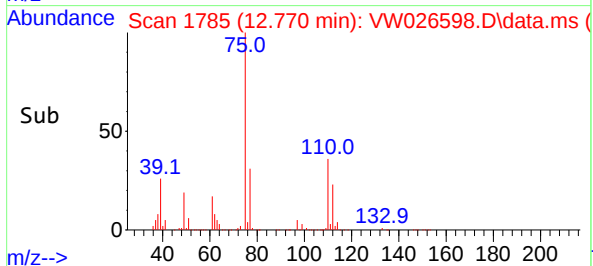
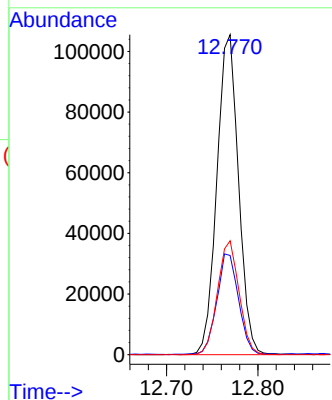
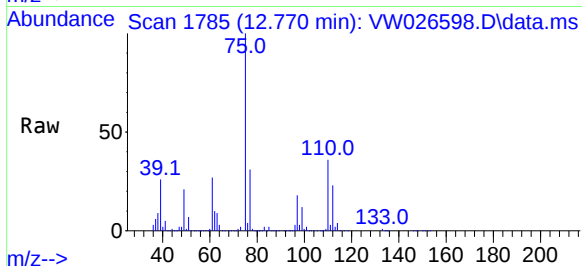
Tgt Ion: 75 Resp: 173744

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 35.4 28.3 42.5



#62

1,3,5-Trimethylbenzene

Concen: 23.018 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026598.D

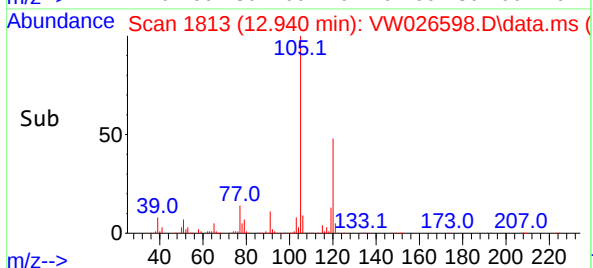
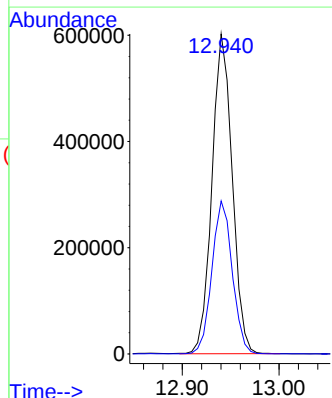
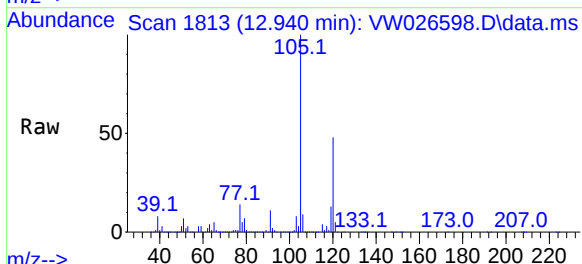
Acq: 11 Jul 2023 15:41

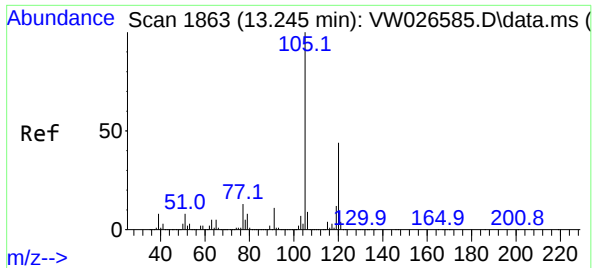
Tgt Ion:105 Resp: 875340

Ion Ratio Lower Upper

105 100

120 48.3 38.4 57.6

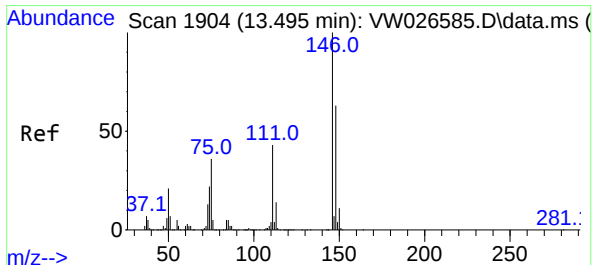
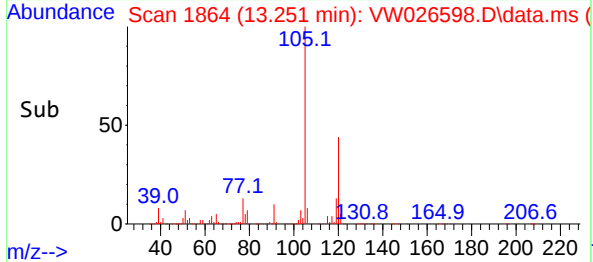
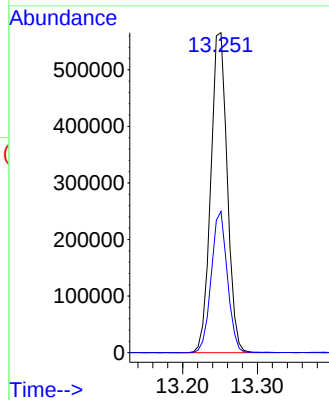
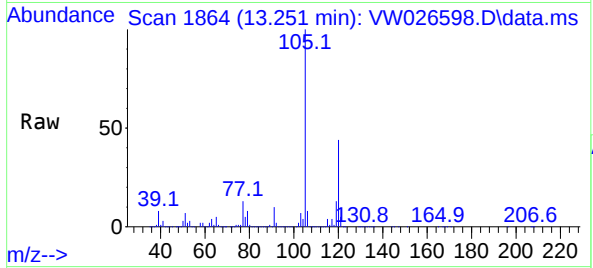




#63
1,2,4-Trimethylbenzene
Concen: 23.006 ug/L
RT: 13.251 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

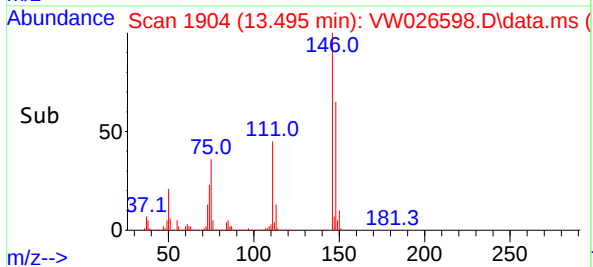
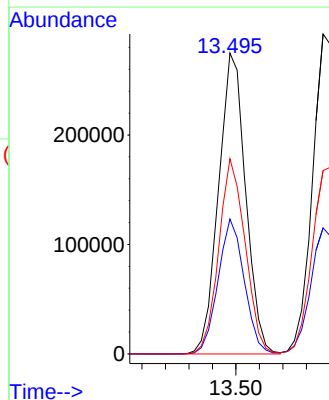
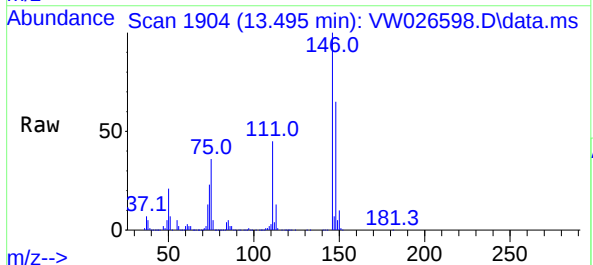
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

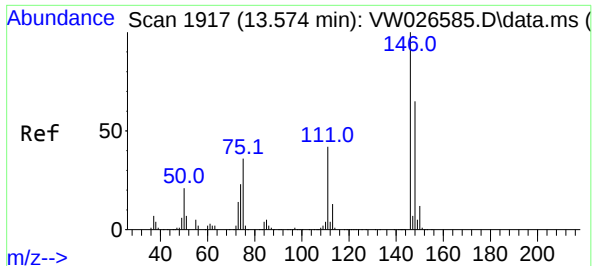
Tgt Ion:105 Resp: 867374
Ion Ratio Lower Upper
105 100
120 43.2 35.2 52.8



#64
1,3-Dichlorobenzene
Concen: 21.162 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:146 Resp: 440267
Ion Ratio Lower Upper
146 100
111 44.9 30.4 56.4
148 64.9 44.4 82.4





#65

1,4-Dichlorobenzene

Concen: 22.251 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025555

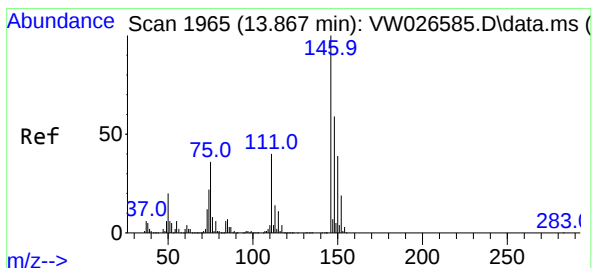
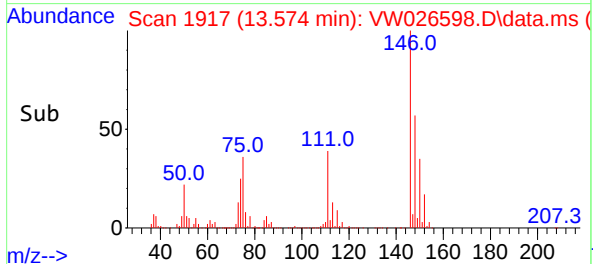
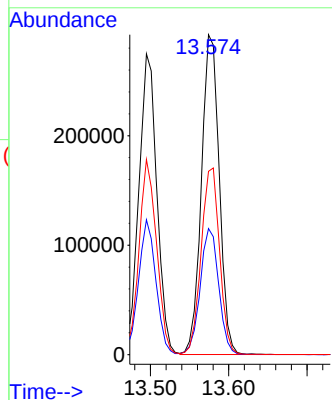
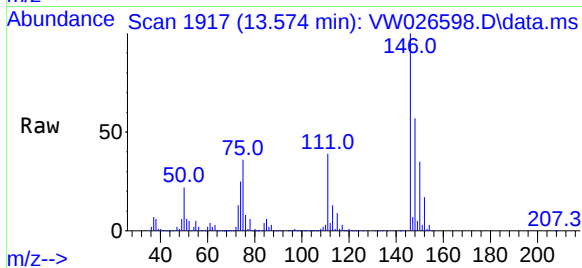
Tgt Ion:146 Resp: 461668

Ion Ratio Lower Upper

146 100

111 39.4 29.7 55.1

148 57.3 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 22.029 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

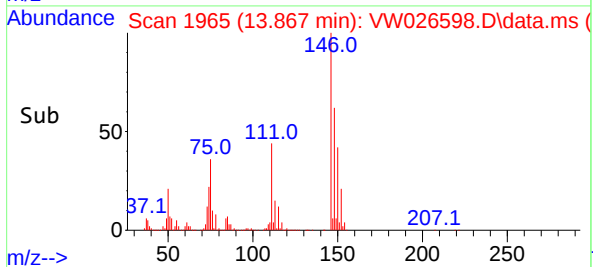
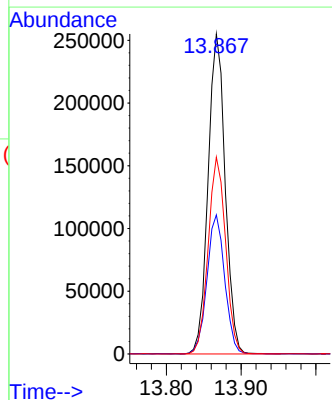
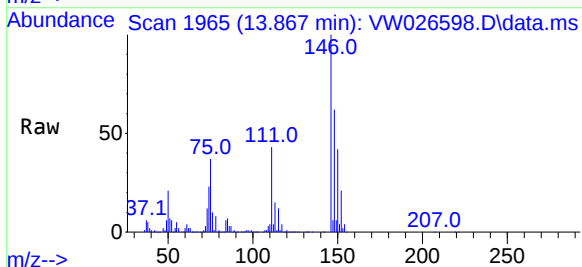
Tgt Ion:146 Resp: 405602

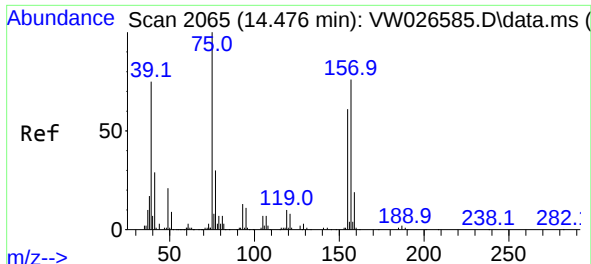
Ion Ratio Lower Upper

146 100

111 43.4 31.8 47.8

148 61.5 46.9 70.3





#68

1,2-Dibromo-3-chloropropane

Concen: 18.859 ug/L

RT: 14.483 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025555

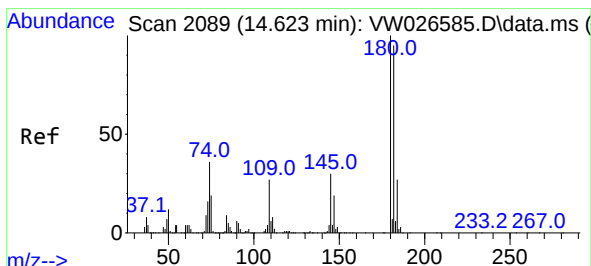
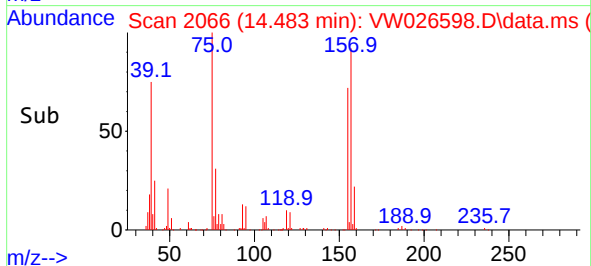
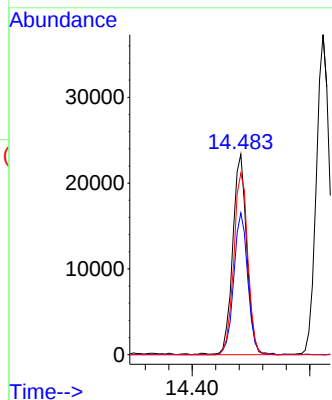
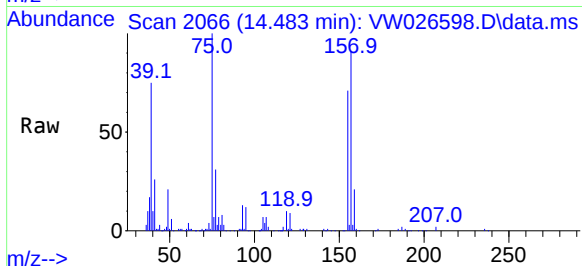
Tgt Ion: 75 Resp: 38850

Ion Ratio Lower Upper

75 100

155 70.7 49.1 73.7

157 90.6 60.6 90.8



#69

1,3,5-Trichlorobenzene

Concen: 20.541 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026598.D

Acq: 11 Jul 2023 15:41

Tgt Ion:180 Resp: 282795

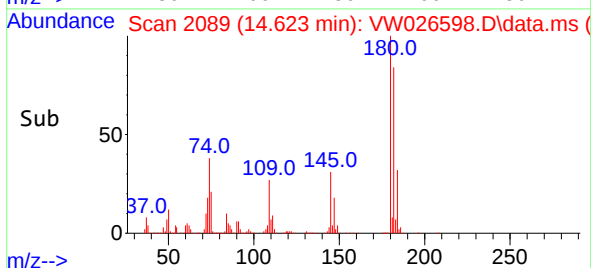
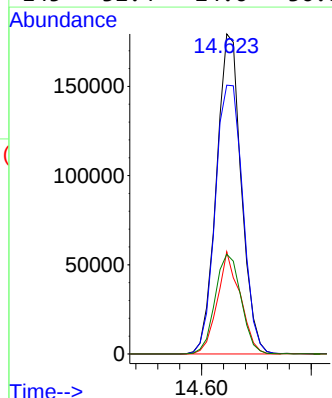
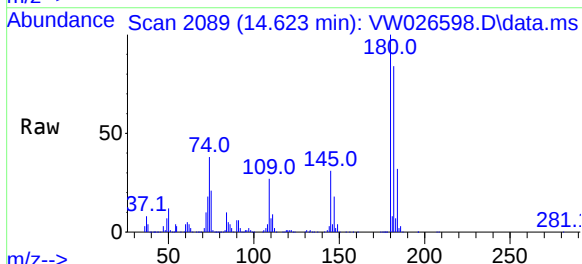
Ion Ratio Lower Upper

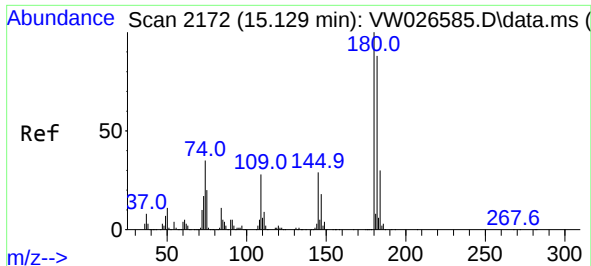
180 100

182 92.8 75.8 113.6

184 29.4 23.7 35.5

145 32.4 24.6 36.8

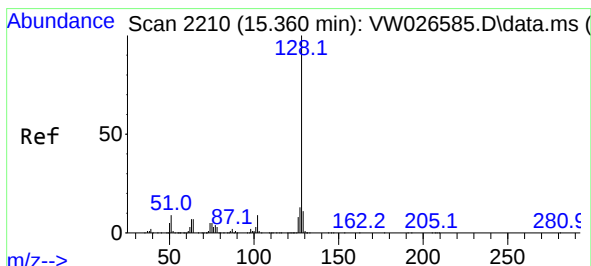
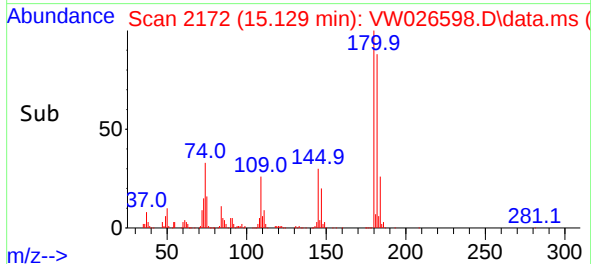
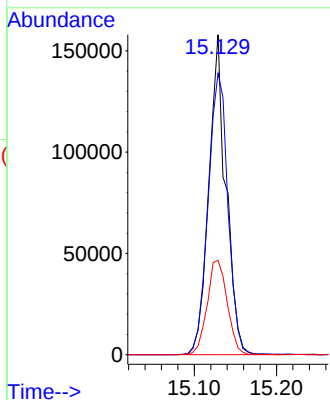
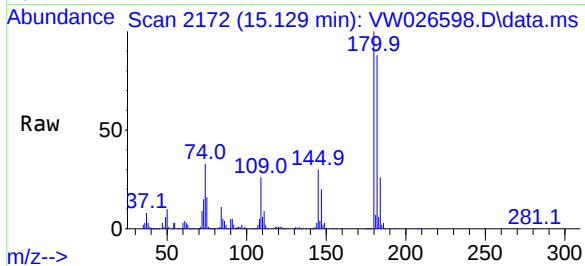




#70
1,2,4-trichlorobenzene
Concen: 20.326 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

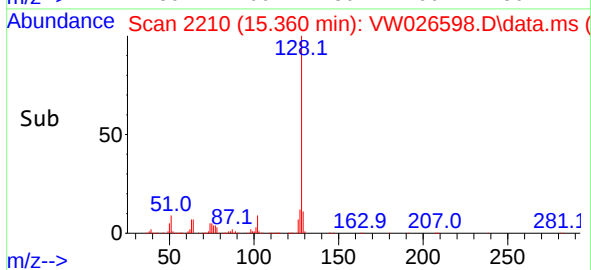
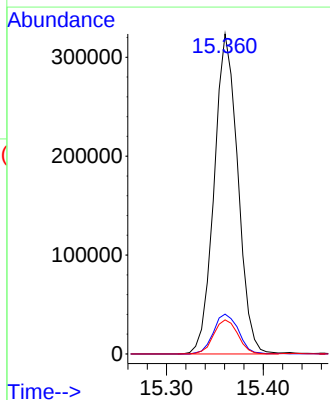
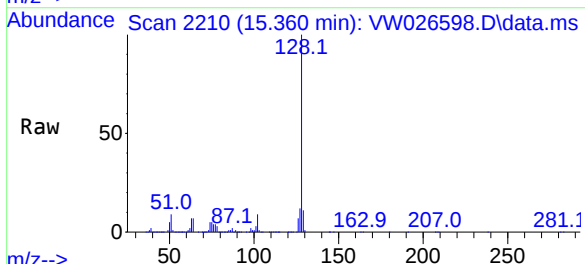
Instrument :
MSVOA_W
ClientSampleId :
VSTD025555

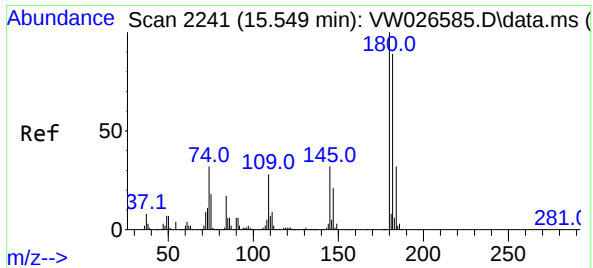
Tgt Ion:180 Resp: 229645
Ion Ratio Lower Upper
180 100
182 100.8 73.5 110.3
145 34.4 25.0 37.6



#71
Naphthalene
Concen: 21.488 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026598.D
Acq: 11 Jul 2023 15:41

Tgt Ion:128 Resp: 549787
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.7 13.1





1,2,3-Trichlorobenzene
 Concen: 21.123 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026598.D
 Acq: 11 Jul 2023 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Tgt Ion:	180	Resp:	224663
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.2	112.8
145	33.6	26.6	40.0

