

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026513.D
 Acq On : 03 Jul 2023 17:07
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025480

Quant Time: Jul 04 01:42:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	666244	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587182	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	250030	27.039	ug/L	0.00
7) Chloroethane-d5	2.893	69	194507	26.050	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	118678	25.989	ug/L	0.00
21) 2-Butanone-d5	7.075	46	184689	50.399	ug/L	0.00
24) Chloroform-d	7.648	84	490247	25.368	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	283045	25.202	ug/L	0.00
32) Benzene-d6	8.270	84	1016300	25.810	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	318446	25.346	ug/L	0.00
41) Toluene-d8	10.325	98	893148	25.312	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	127314	25.269	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	125036	54.061	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263886	25.806	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	273085	25.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	189822	26.439	ug/L	100
3) Chloromethane	2.229	50	312941	27.458	ug/L	100
5) Vinyl chloride	2.381	62	293025	26.745	ug/L	100
6) Bromomethane	2.783	94	161507	25.783	ug/L	100
8) Chloroethane	2.930	64	173056	26.845	ug/L	100
9) Trichlorofluoromethane	3.259	101	193986	26.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	230256	26.300	ug/L	100
12) 1,1-Dichloroethene	4.045	96	219743	26.283	ug/L	100
13) Acetone	4.119	43	110667	48.068	ug/L	100
14) Carbon disulfide	4.399	76	682335	25.848	ug/L	100
15) Methyl Acetate	4.667	43	161155	27.481	ug/L	100
16) Methylene chloride	4.923	84	246411	21.425	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	240370	26.184	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	423706	26.930	ug/L	100
19) 1,1-Dichloroethane	6.216	63	502029	25.857	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	268124	25.817	ug/L	100
22) 2-Butanone	7.173	43	205269	50.282	ug/L	100
23) Bromochloromethane	7.514	128	112276	25.565	ug/L	100
25) Chloroform	7.679	83	468392	25.917	ug/L	100
27) 1,2-Dichloroethane	8.398	62	344583	26.172	ug/L	100
29) Cyclohexane	7.953	56	469533	27.021	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	355461	25.843	ug/L	100
31) Carbon tetrachloride	8.069	117	325175	26.295	ug/L	100
33) Benzene	8.325	78	1039200	26.036	ug/L	100
34) Trichloroethene	9.093	95	264757	25.874	ug/L	100
35) Methylcyclohexane	9.337	83	475719	27.192	ug/L	100
37) 1,2-Dichloropropane	9.368	63	286394	26.163	ug/L	100
38) Bromodichloromethane	9.642	83	332738	25.996	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	434017	27.118	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	464037	56.088	ug/L	100
42) Toluene	10.386	91	1069289	26.279	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	364849	27.100	ug/L	100

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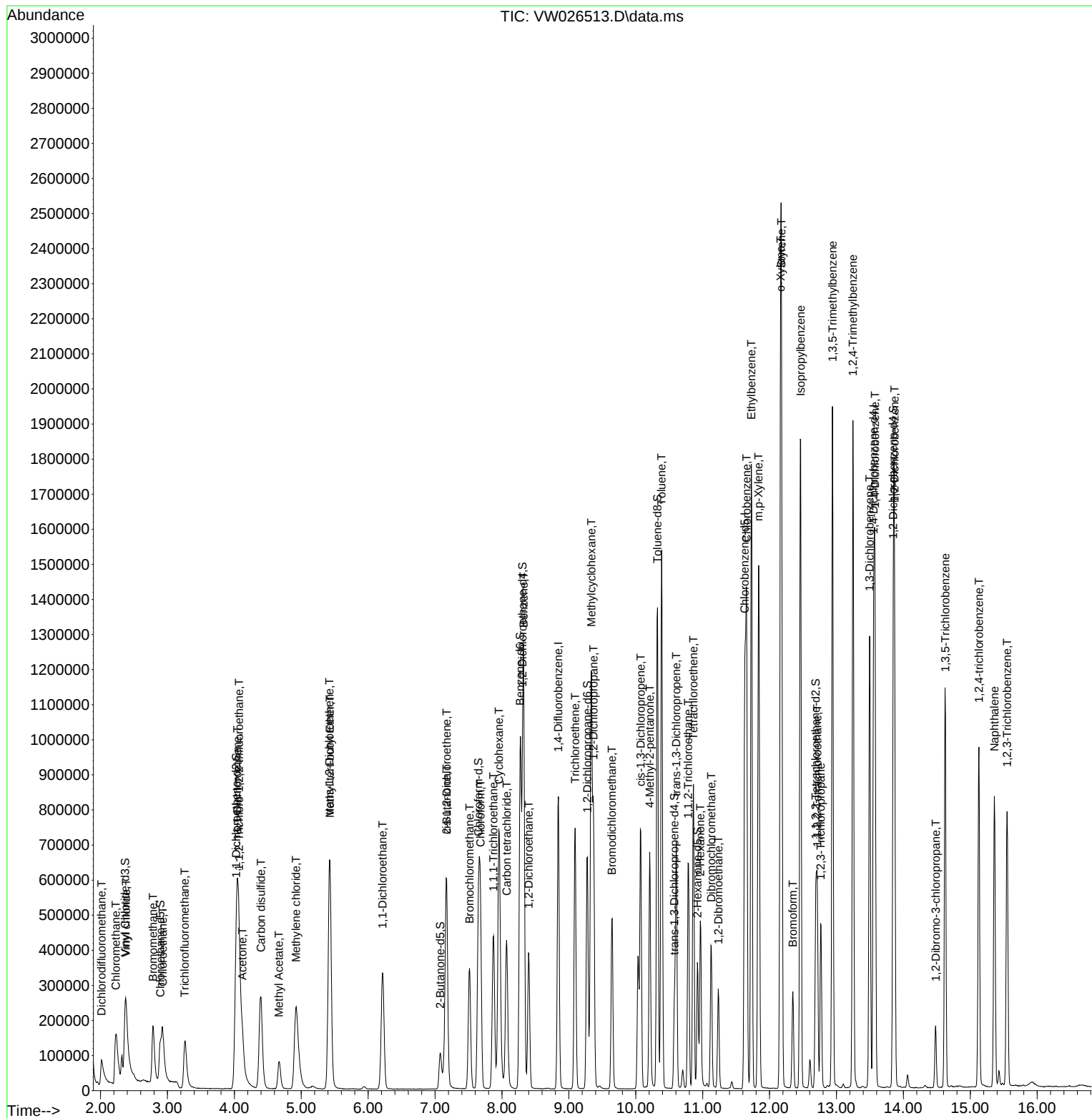
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	198097	26.085	ug/L	100
46) Tetrachloroethene	10.861	164	181241	26.306	ug/L	100
48) 2-Hexanone	10.965	43	325247	58.233	ug/L	100
49) Dibromochloromethane	11.130	129	210215	26.989	ug/L	100
50) 1,2-Dibromoethane	11.233	107	188012	26.393	ug/L	100
51) Chlorobenzene	11.654	112	655387	25.860	ug/L	100
52) Ethylbenzene	11.727	91	1226550	26.643	ug/L	100
53) m,p-Xylene	11.837	106	447534	26.334	ug/L	100
54) o-Xylene	12.166	106	429716	26.503	ug/L	100
55) Styrene	12.178	104	740710	26.824	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	266819	27.085	ug/L	100
59) Bromoform	12.349	173	123066	27.417	ug/L	100
60) Isopropylbenzene	12.465	105	1189719	26.628	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	203091	27.296	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	981412	27.207	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	973852	27.998	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489711	26.166	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	484942	25.792	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	448901	26.806	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.483	75	47037	26.422	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	326437	26.355	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	279291	26.162	ug/L	100
71) Naphthalene	15.360	128	678850	28.652	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	242983	25.522	ug/L	100

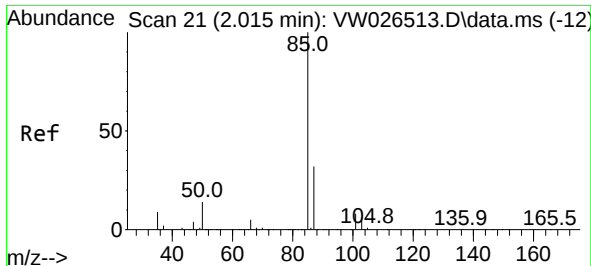
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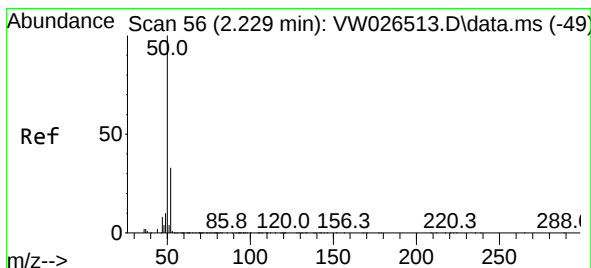
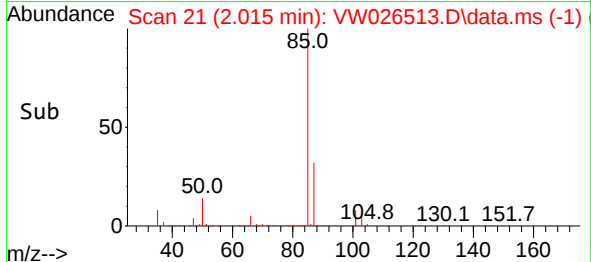
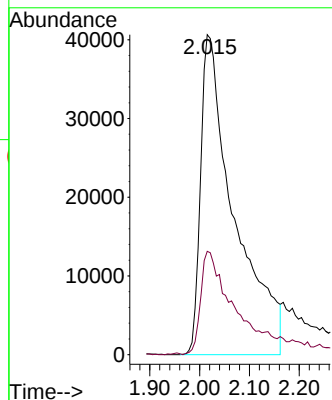
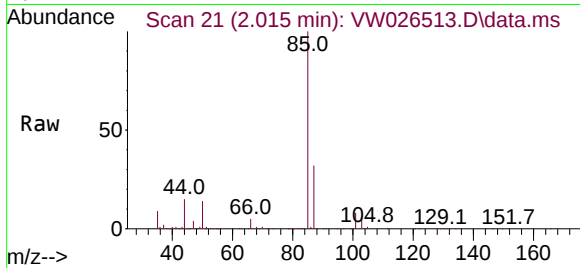




#2
Dichlorodifluoromethane
Concen: 26.439 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

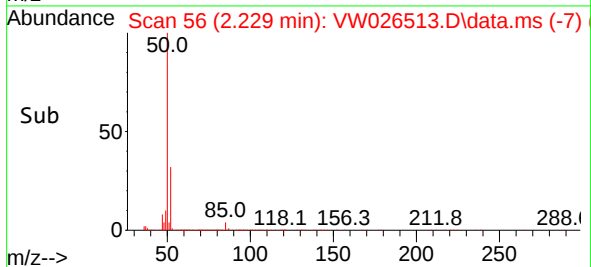
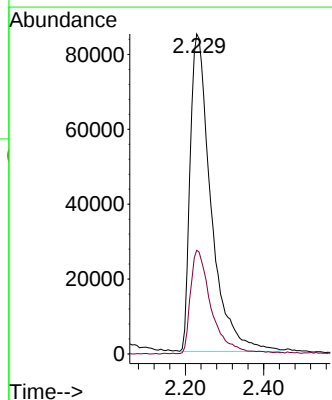
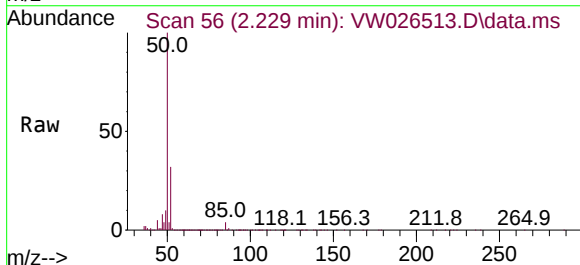
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

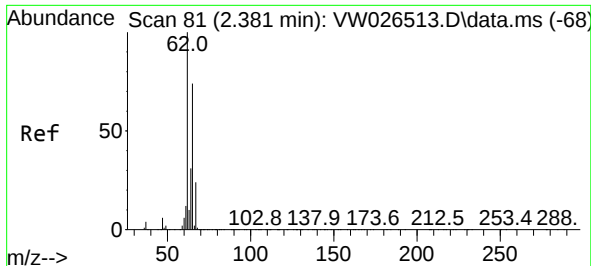
Tgt Ion: 85 Resp: 189822
Ion Ratio Lower Upper
85 100
87 29.8 23.8 35.8



#3
Chloromethane
Concen: 27.458 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 50 Resp: 312941
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

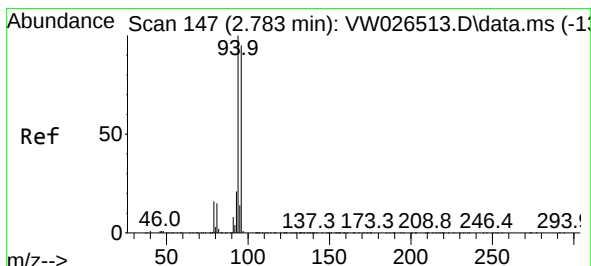
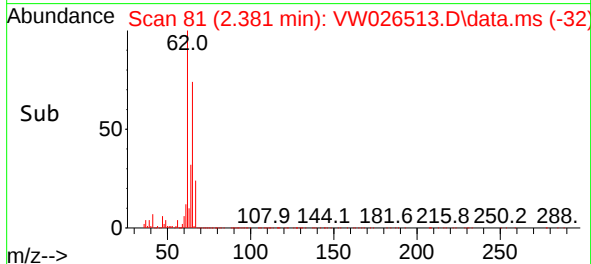
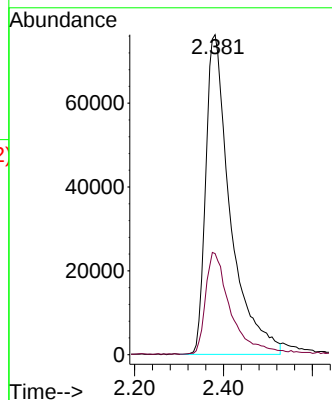
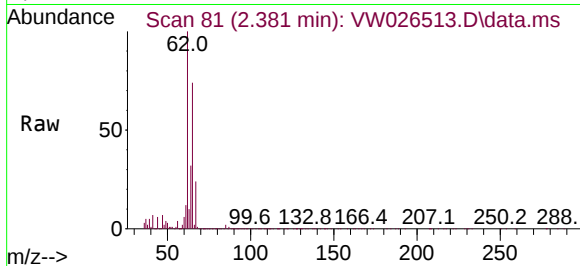




#5
 Vinyl chloride
 Concen: 26.745 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW026513.D
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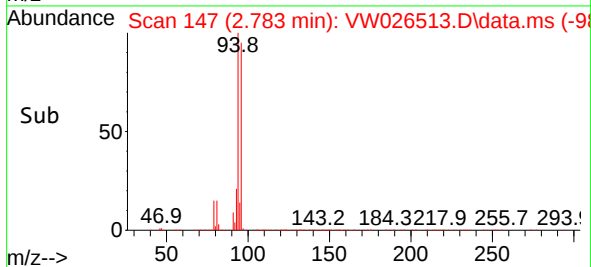
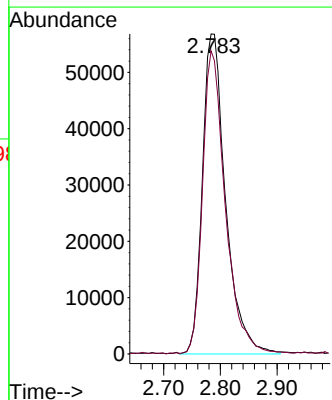
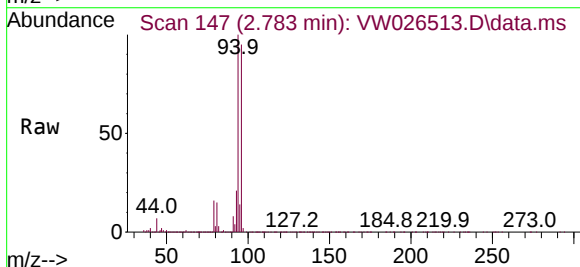
Instrument :
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 VSTD025480

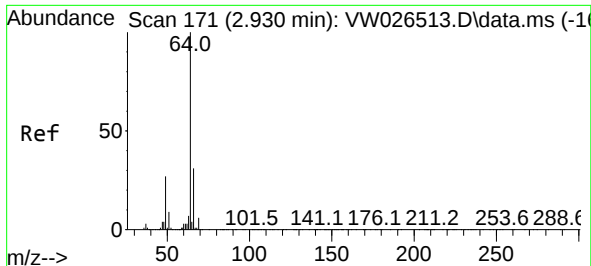
Tgt Ion: 62 Resp: 293025
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.1 41.1



#6
 Bromomethane
 Concen: 25.783 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026513.D
 Acq: 03 Jul 2023 17:07

Tgt Ion: 94 Resp: 161507
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1





#8

Chloroethane

Concen: 26.845 ug/L

RT: 2.930 min Scan# 171

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

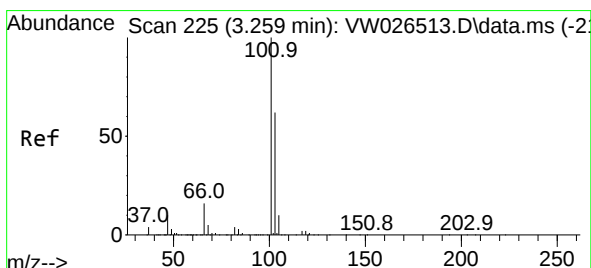
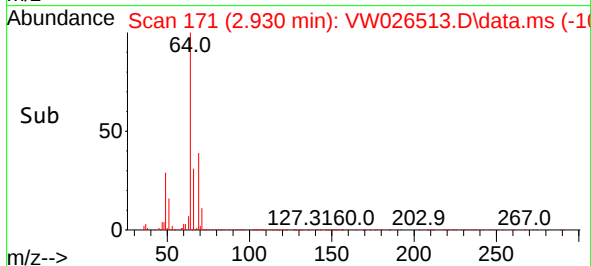
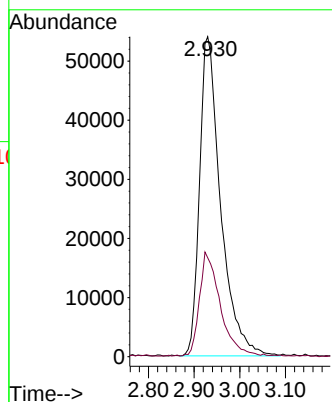
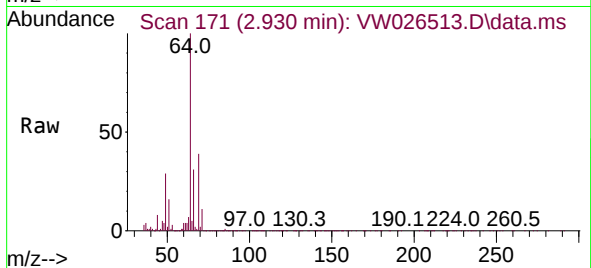
VSTD025480

Tgt Ion: 64 Resp: 173056

Ion Ratio Lower Upper

64 100

66 30.9 21.6 40.2



#9

Trichlorofluoromethane

Concen: 26.231 ug/L

RT: 3.259 min Scan# 225

Delta R.T. 0.000 min

Lab File: VW026513.D

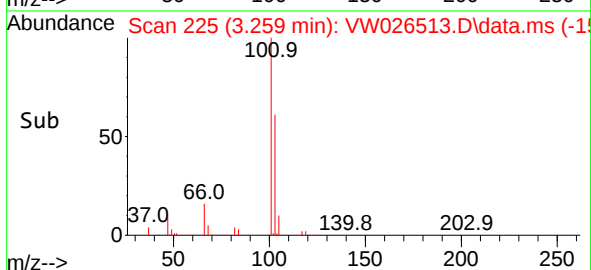
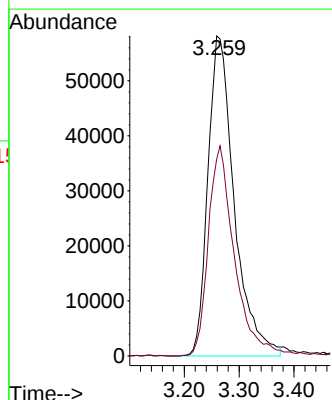
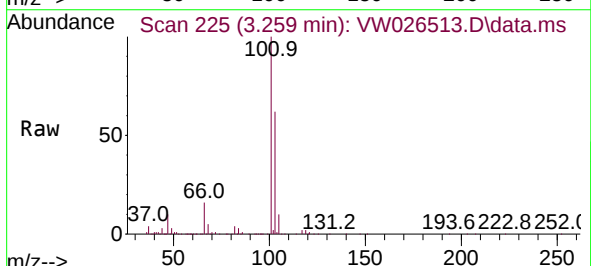
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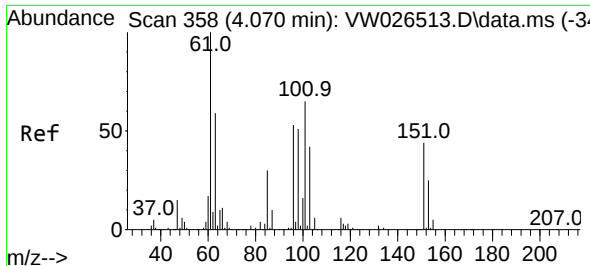
Tgt Ion: 101 Resp: 193986

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.8

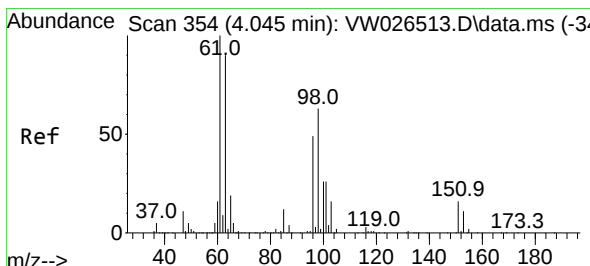
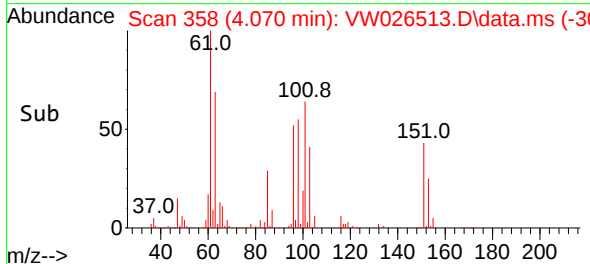
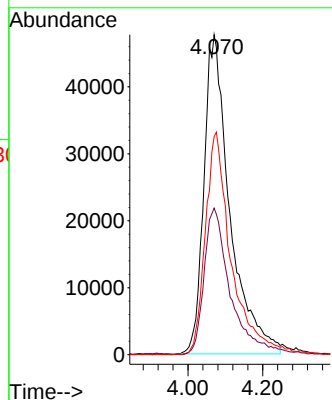
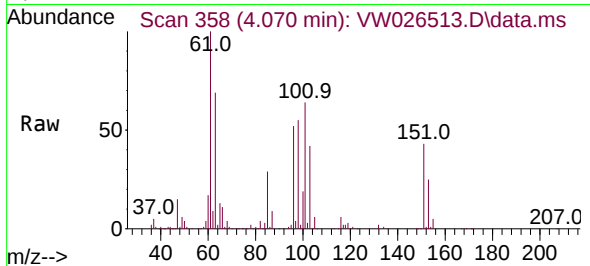




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.300 ug/L
RT: 4.070 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

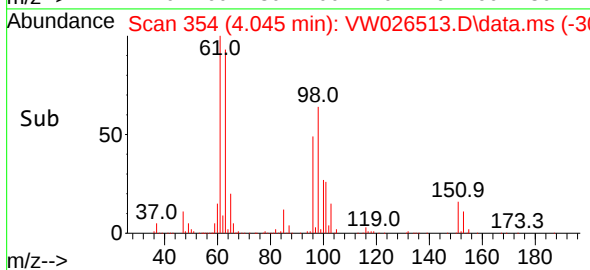
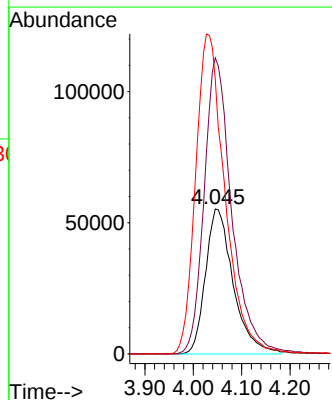
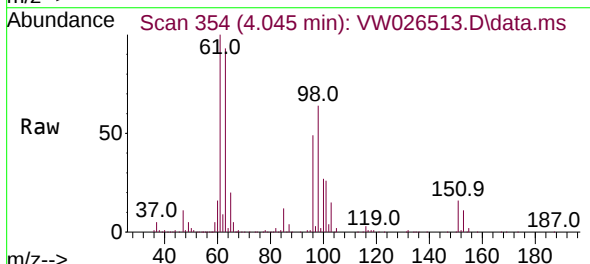
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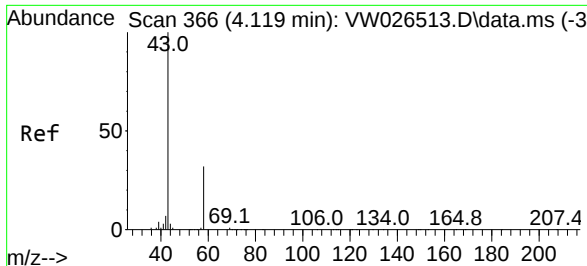
Tgt Ion:101 Resp: 230256
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 69.0 55.2 82.8



#12
1,1-Dichloroethene
Concen: 26.283 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW026513.D
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Tgt Ion: 96 Resp: 219743
Ion Ratio Lower Upper
96 100
61 204.2 142.9 265.5
63 189.6 132.7 246.5

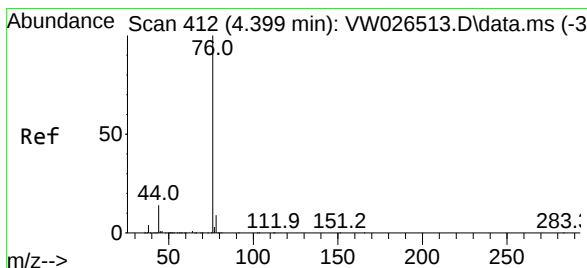
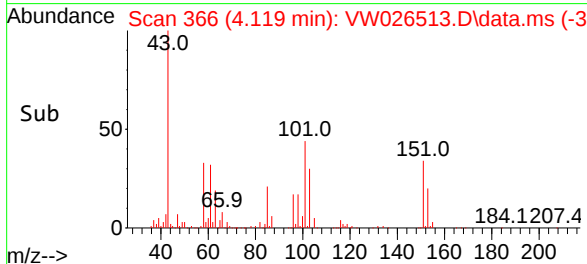
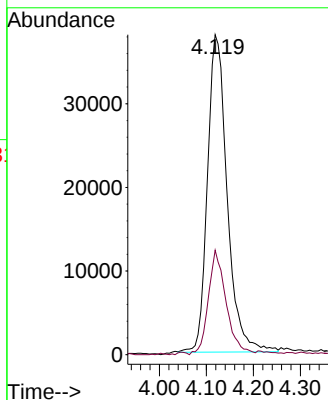
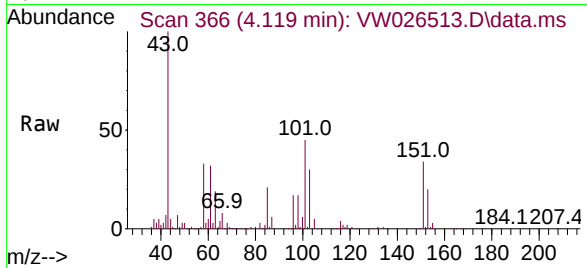




#13
Acetone
Concen: 48.068 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

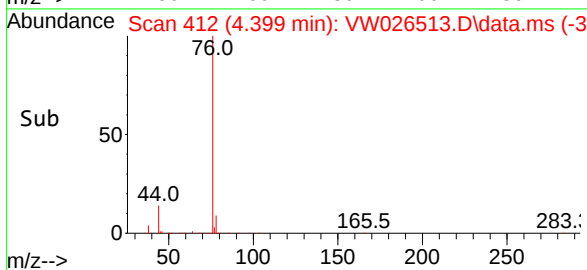
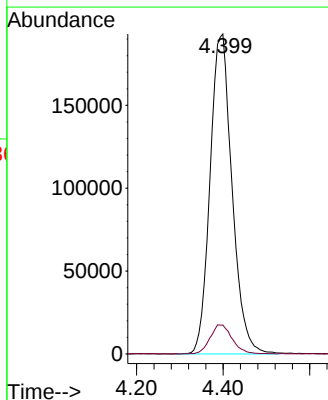
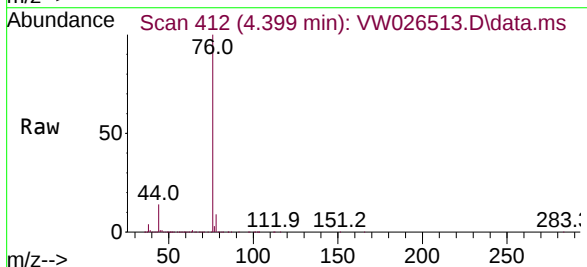
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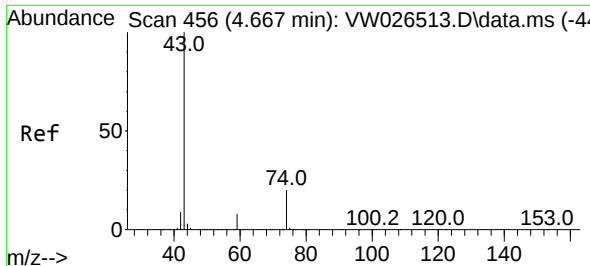
Tgt Ion: 43 Resp: 110667
Ion Ratio Lower Upper
43 100
58 29.8 0.0 59.6



#14
Carbon disulfide
Concen: 25.848 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 76 Resp: 682335
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

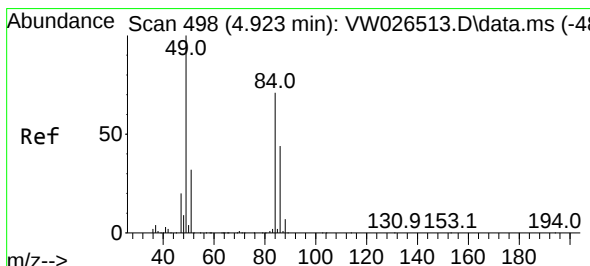
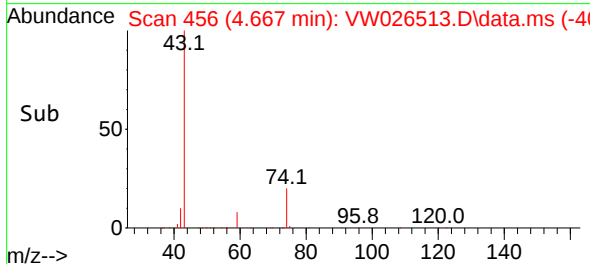
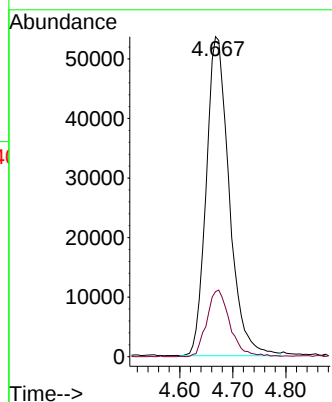
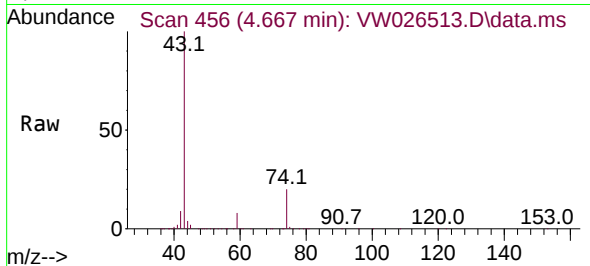




#15
Methyl Acetate
Concen: 27.481 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

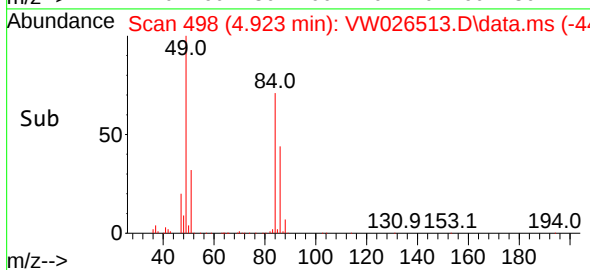
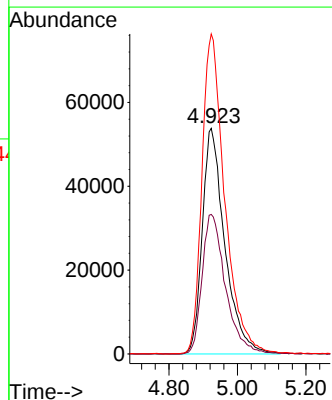
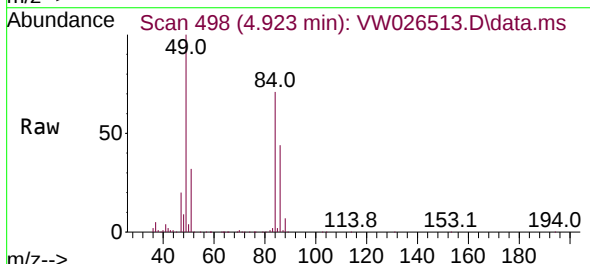
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

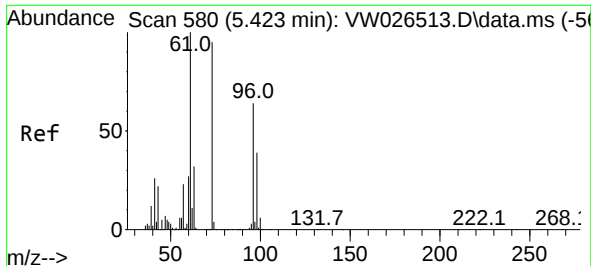
Tgt Ion: 43 Resp: 161155
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 21.425 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 84 Resp: 246411
Ion Ratio Lower Upper
84 100
86 61.9 43.3 80.5
49 141.8 99.3 184.3

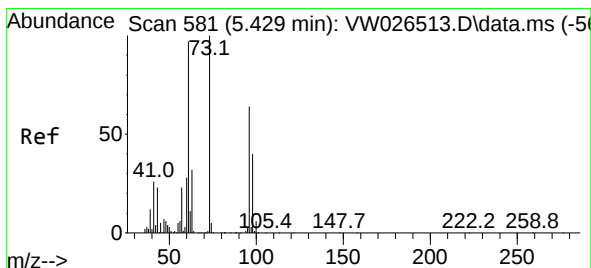
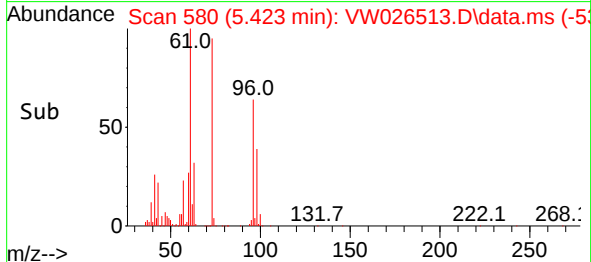
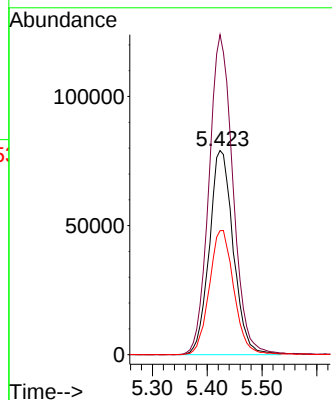
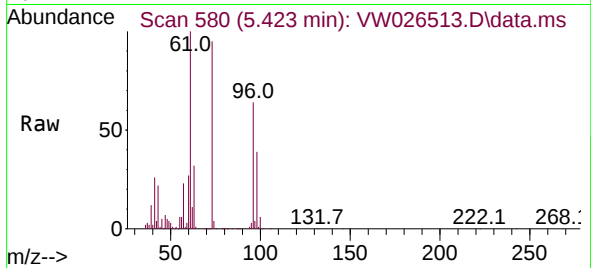




#17
trans-1,2-Dichloroethene
Concen: 26.184 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

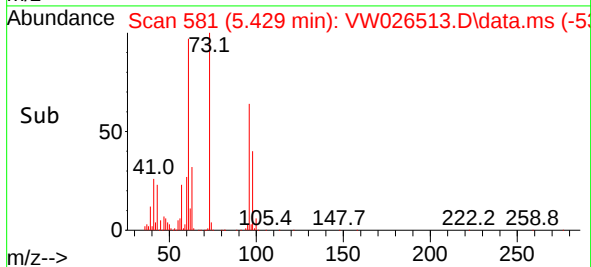
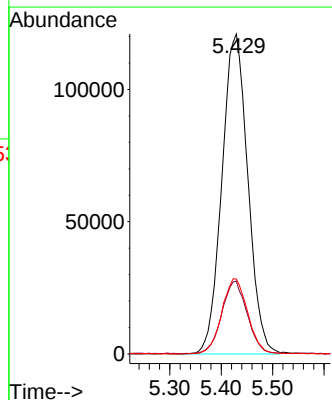
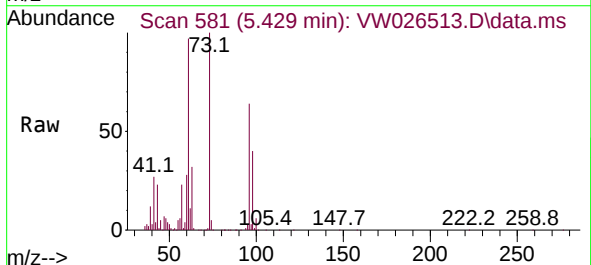
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

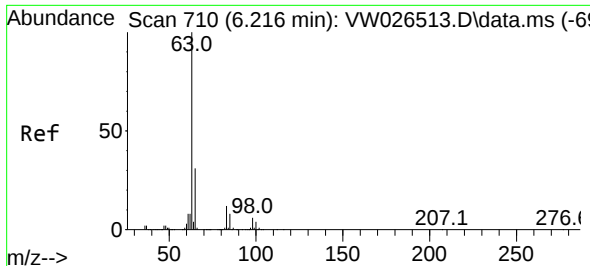
Tgt Ion: 96 Resp: 240370
Ion Ratio Lower Upper
96 100
61 156.7 109.7 203.7
98 60.7 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 26.930 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 73 Resp: 423706
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.8
57 23.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 25.857 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025480

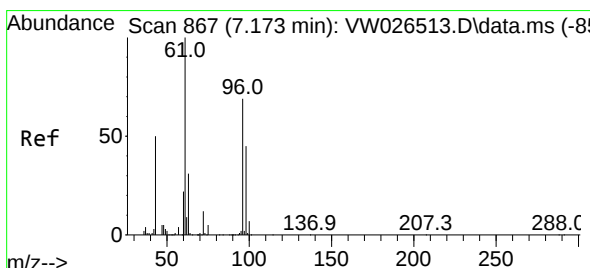
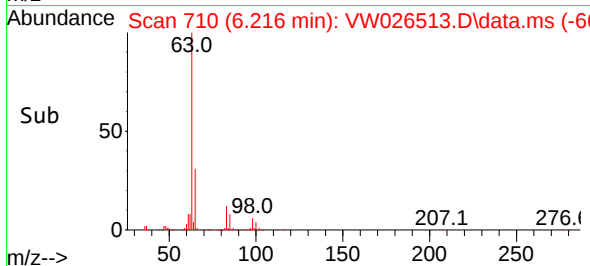
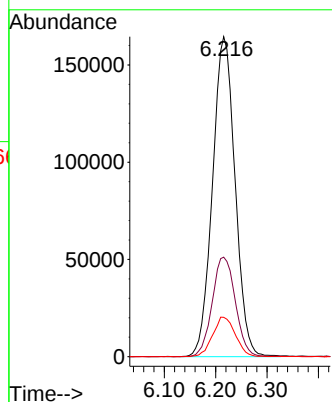
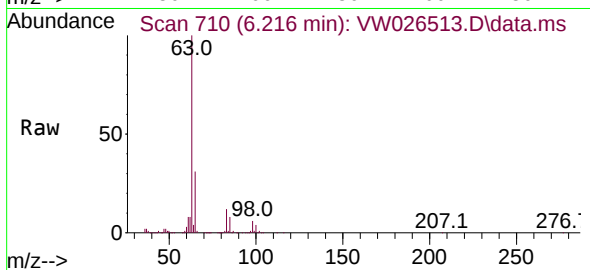
Tgt Ion: 63 Resp: 502029

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 12.3 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 25.817 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

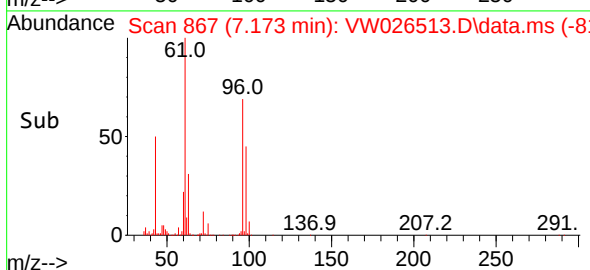
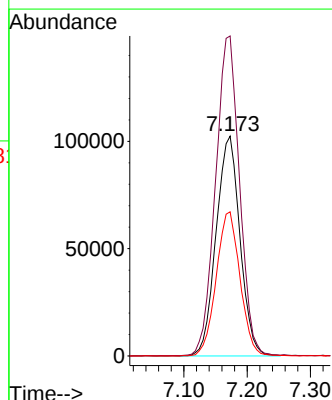
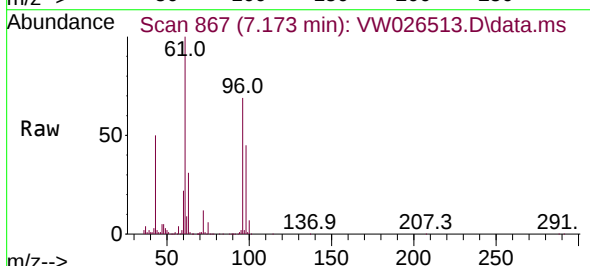
Tgt Ion: 96 Resp: 268124

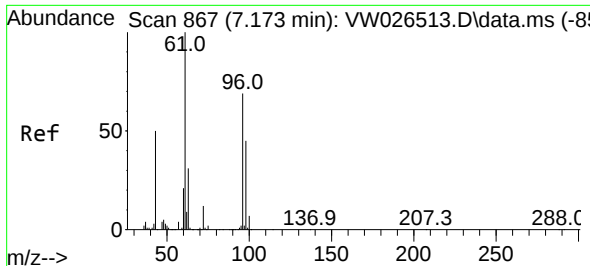
Ion Ratio Lower Upper

96 100

61 145.6 101.9 189.3

98 65.6 45.9 85.3

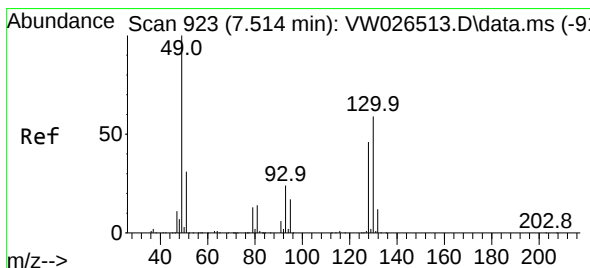
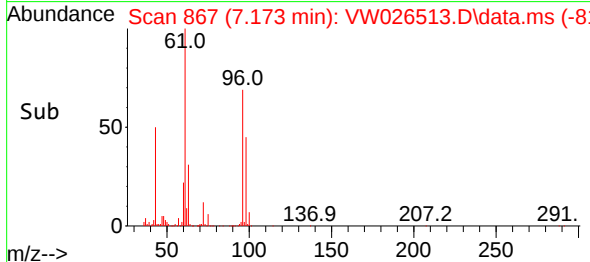
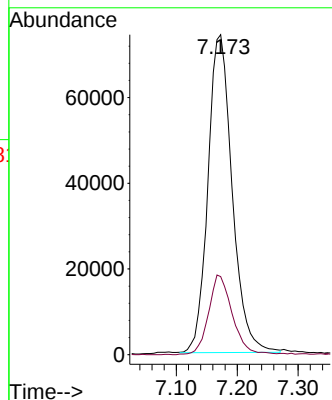
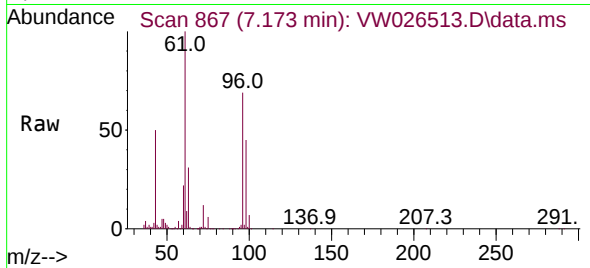




#22
2-Butanone
Concen: 50.282 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

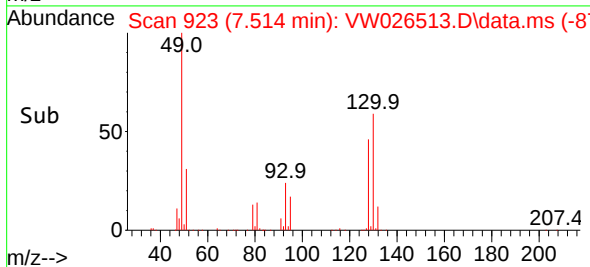
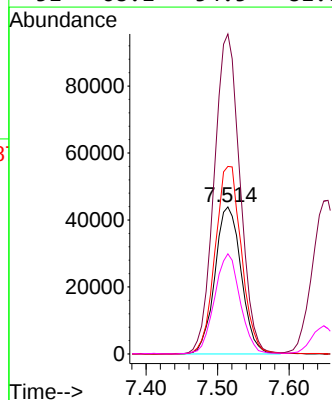
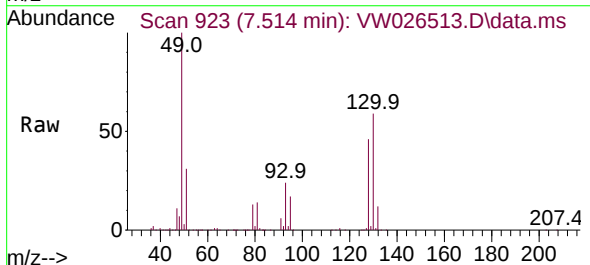
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

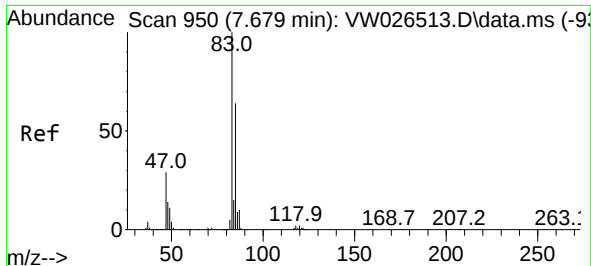
Tgt Ion: 43 Resp: 205269
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 25.565 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 128 Resp: 112276
Ion Ratio Lower Upper
128 100
49 217.5 152.2 282.7
130 127.5 89.2 165.8
51 68.1 54.5 81.7

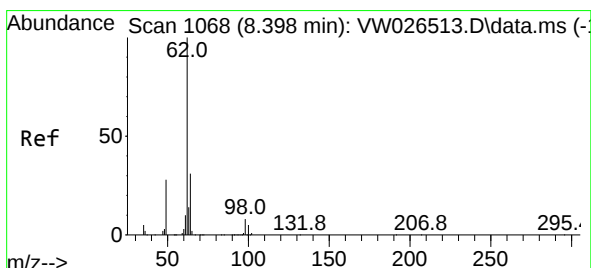
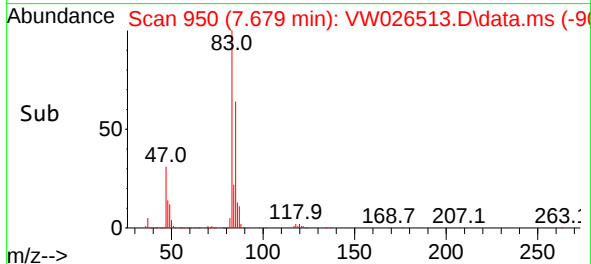
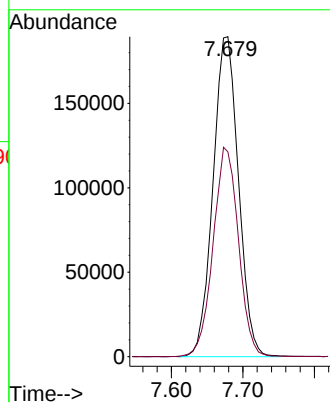
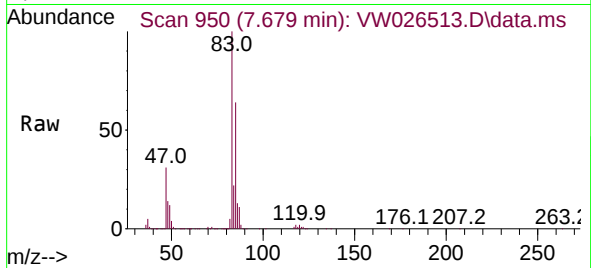




#25
Chloroform
Concen: 25.917 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

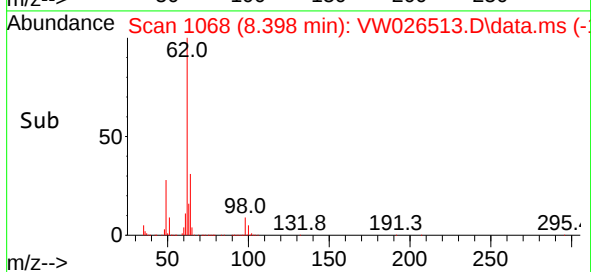
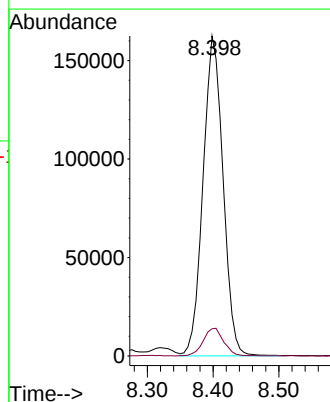
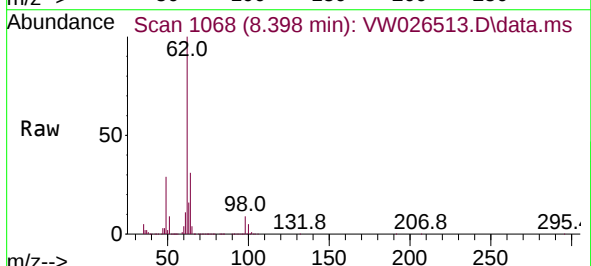
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

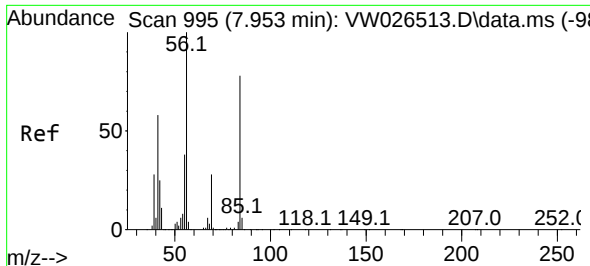
Tgt Ion: 83 Resp: 468392
Ion Ratio Lower Upper
83 100
85 64.0 44.8 83.2



#27
1,2-Dichloroethane
Concen: 26.172 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 62 Resp: 344583
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2

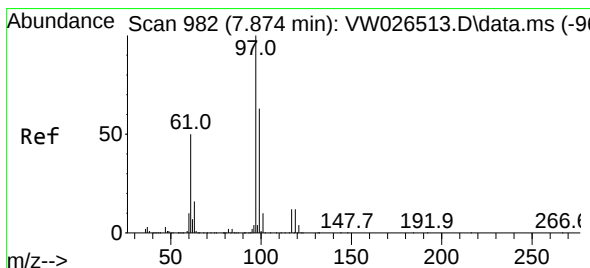
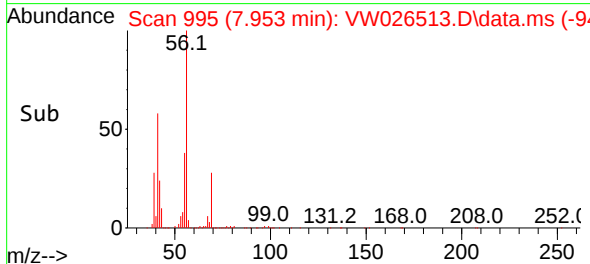
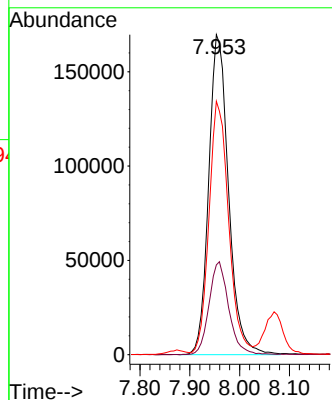
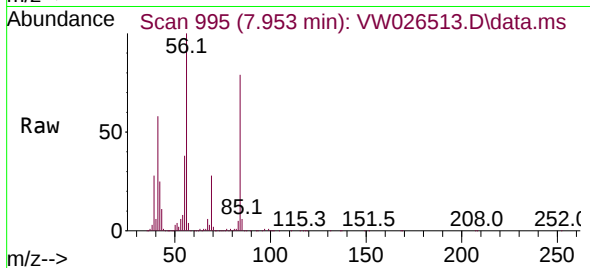




#29
Cyclohexane
Concen: 27.021 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

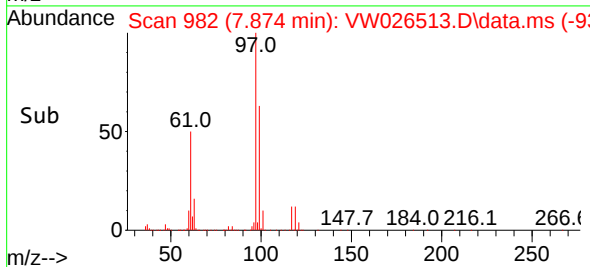
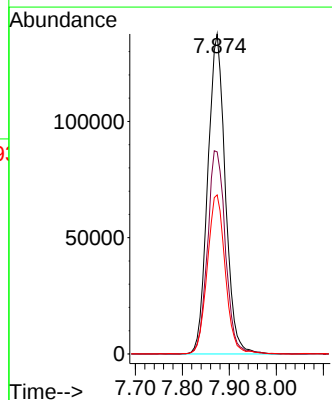
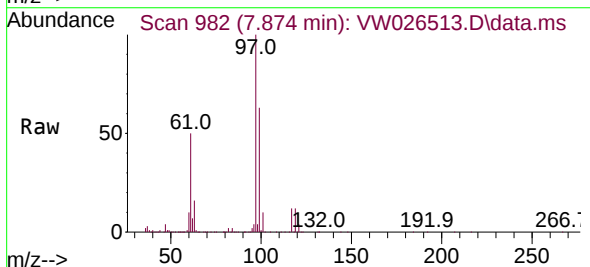
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

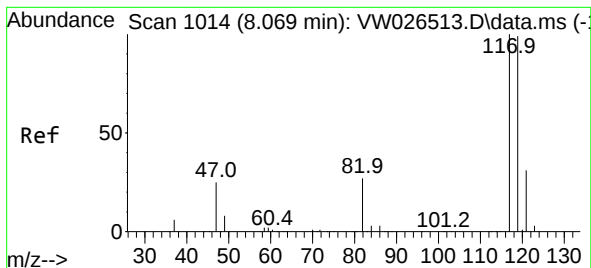
Tgt Ion: 56 Resp: 469533
Ion Ratio Lower Upper
56 100
69 28.6 22.9 34.3
84 78.1 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.843 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 97 Resp: 355461
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 50.2 40.2 60.2





#31

Carbon tetrachloride

Concen: 26.295 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

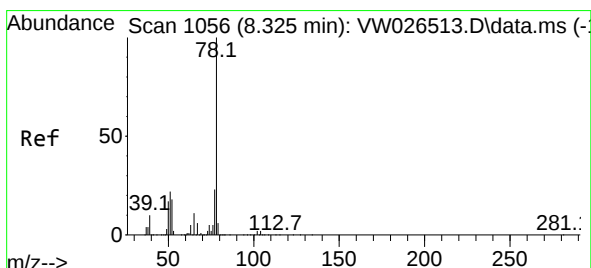
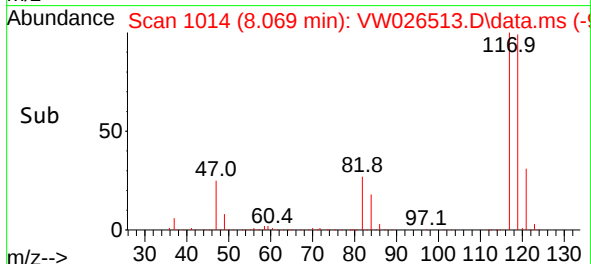
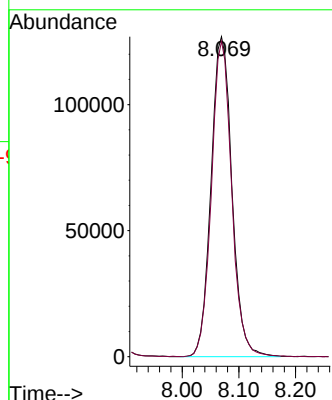
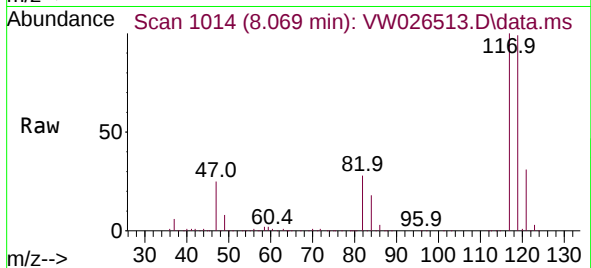
VSTD025480

Tgt Ion:117 Resp: 325175

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5



#33

Benzene

Concen: 26.036 ug/L

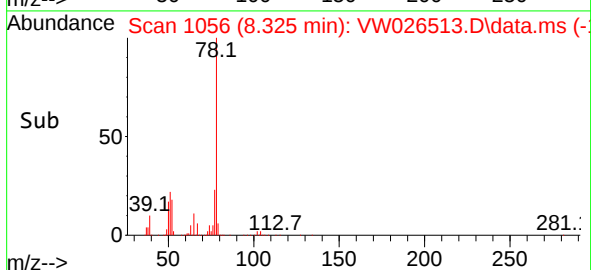
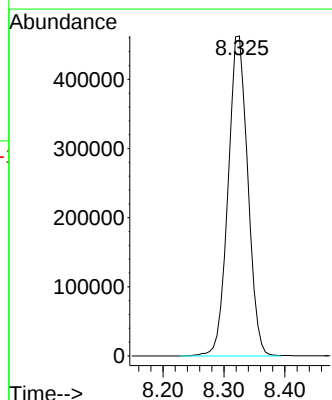
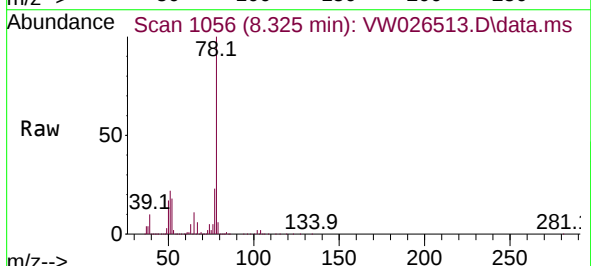
RT: 8.325 min Scan# 1056

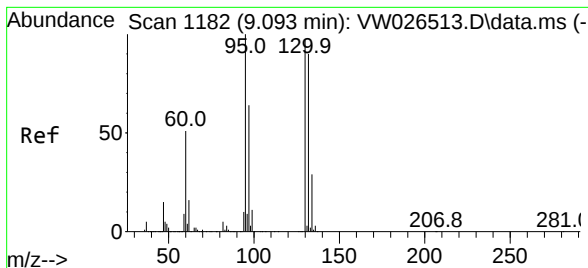
Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Tgt Ion: 78 Resp: 1039200





#34

Trichloroethene

Concen: 25.874 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025480

Tgt Ion: 95 Resp: 264757

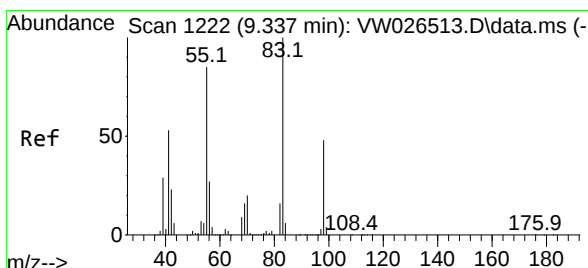
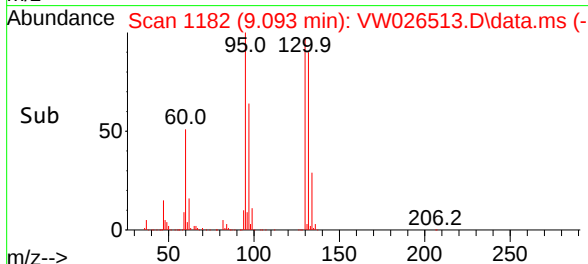
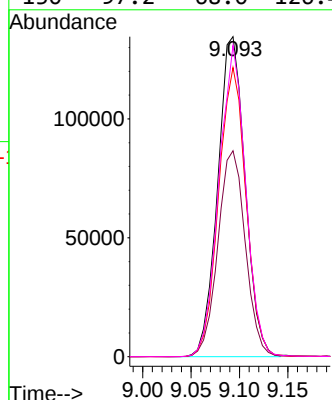
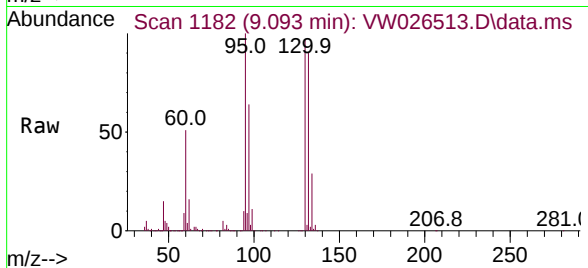
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 90.3 63.2 117.4

130 97.2 68.0 126.4



#35

Methylcyclohexane

Concen: 27.192 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

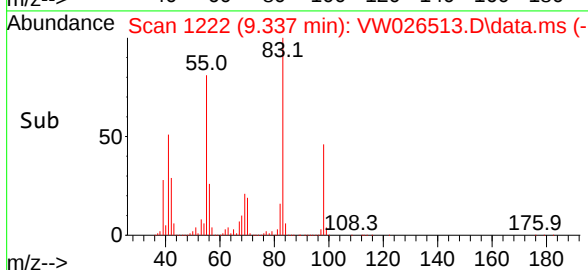
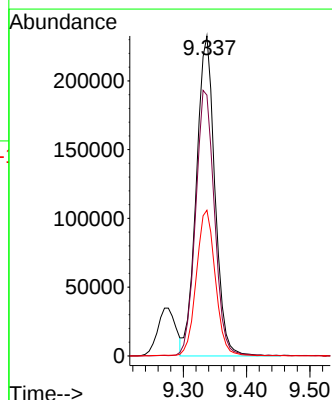
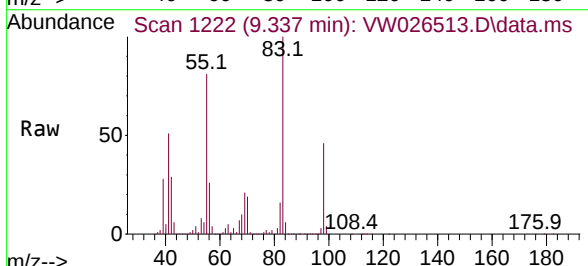
Tgt Ion: 83 Resp: 475719

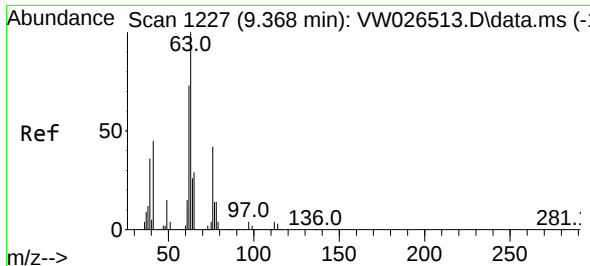
Ion Ratio Lower Upper

83 100

55 84.4 67.5 101.3

98 46.6 37.3 55.9

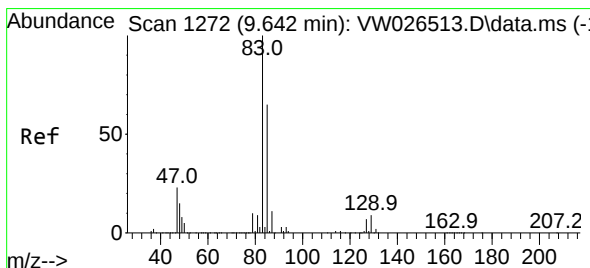
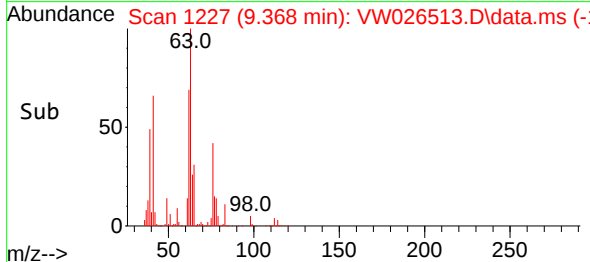
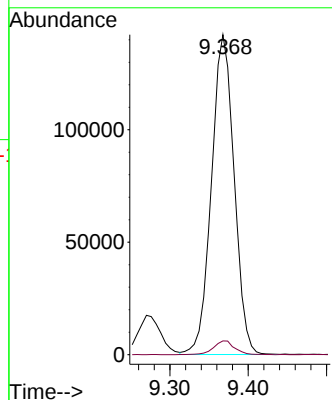
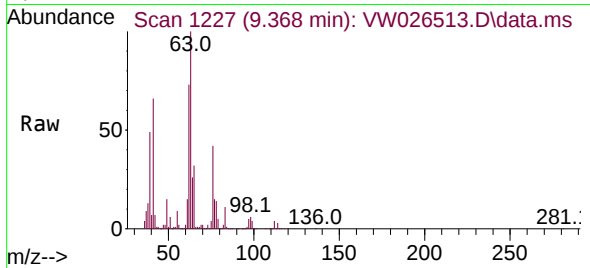




#37
1,2-Dichloropropane
Concen: 26.163 ug/L
RT: 9.368 min Scan# 111
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

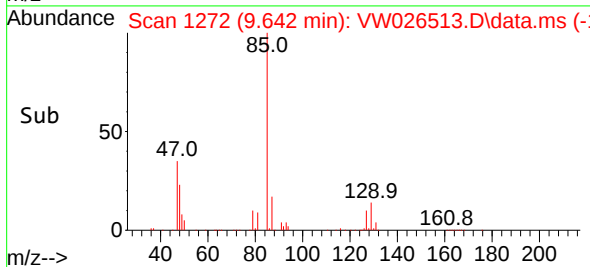
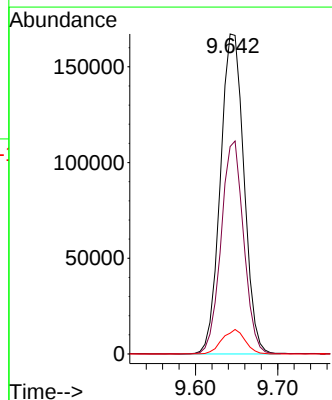
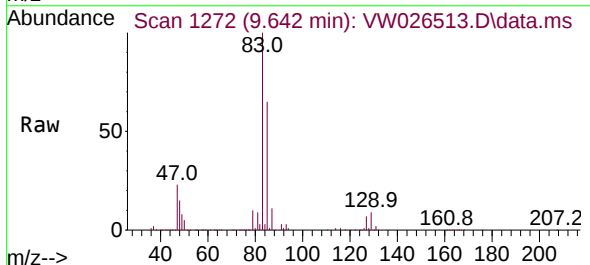
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

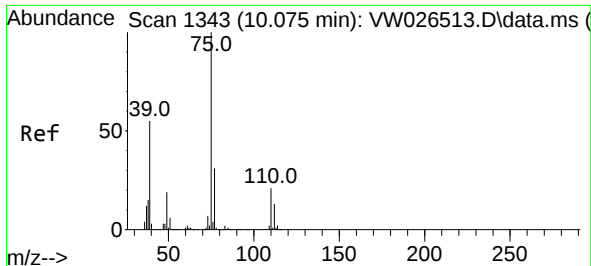
Tgt Ion: 63 Resp: 286394
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.996 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 83 Resp: 332738
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
127 6.5 5.2 7.8

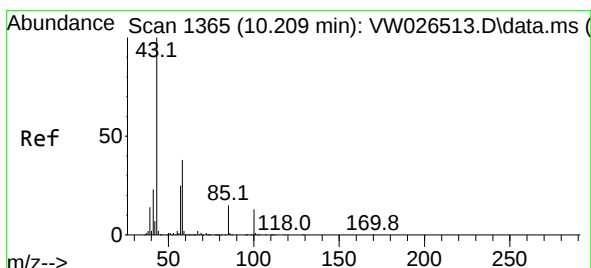
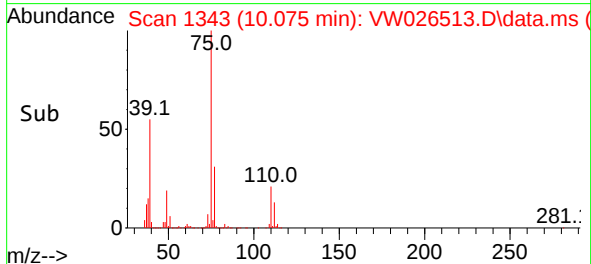
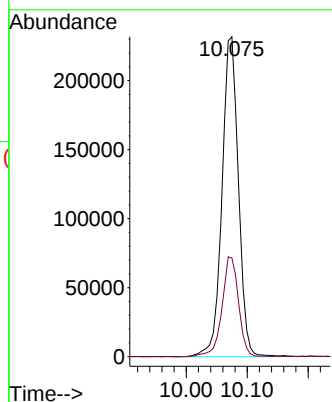
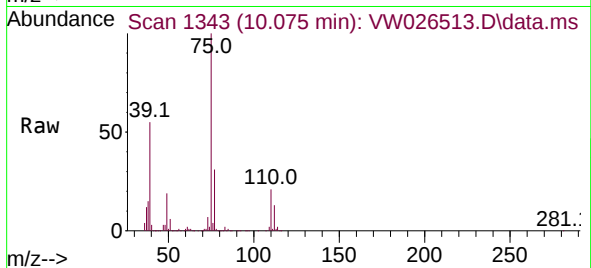




#39
 cis-1,3-Dichloropropene
 Concen: 27.118 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW026513.D
 Acq: 03 Jul 2023 17:07

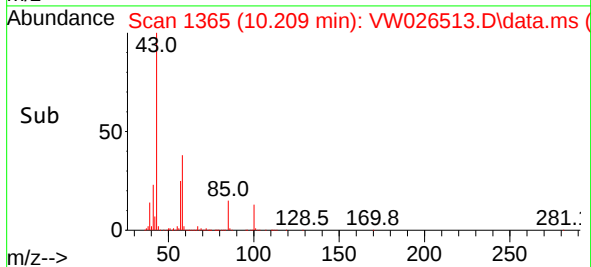
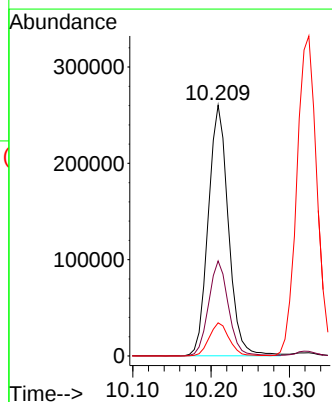
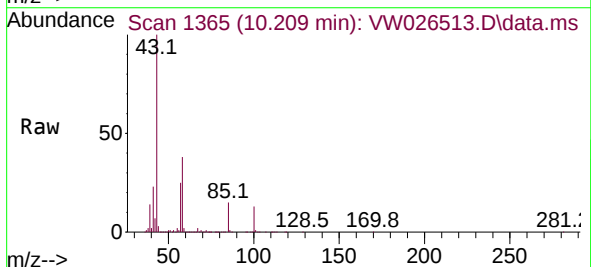
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025480

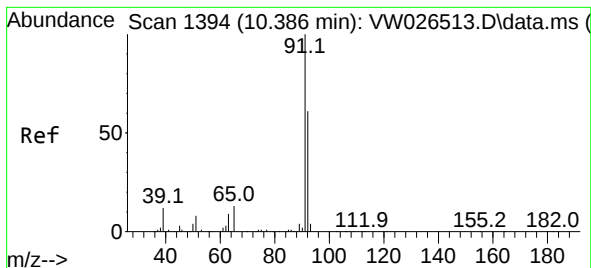
Tgt Ion: 75 Resp: 434017
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 56.088 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026513.D
 Acq: 03 Jul 2023 17:07

Tgt Ion: 43 Resp: 464037
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.8 44.8
 100 13.2 10.6 15.8





#42

Toluene

Concen: 26.279 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

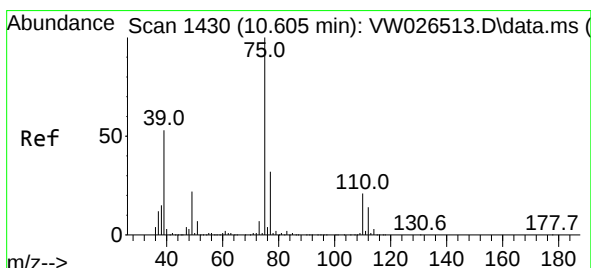
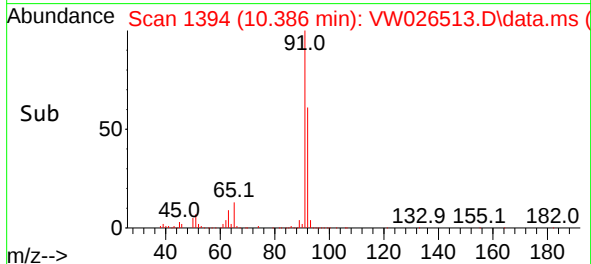
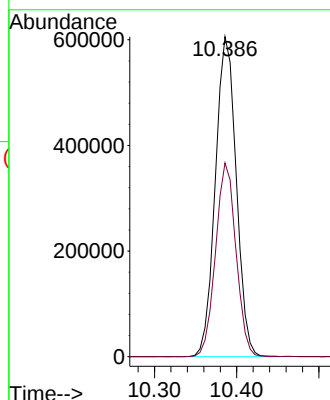
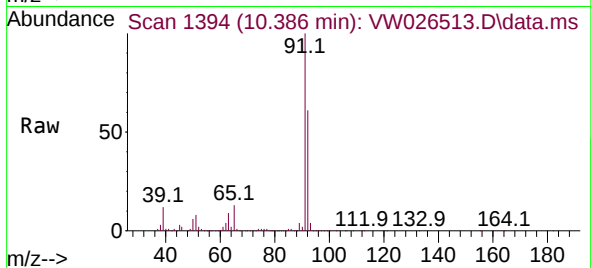
VSTD025480

Tgt Ion: 91 Resp: 1069289

Ion Ratio Lower Upper

91 100

92 60.6 42.4 78.8



#44

trans-1,3-Dichloropropene

Concen: 27.100 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026513.D

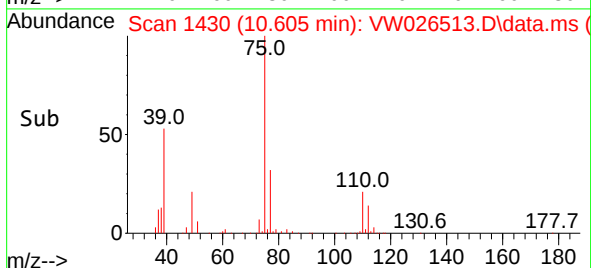
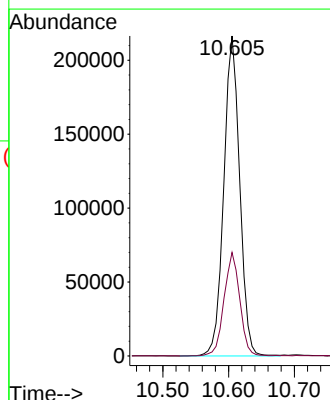
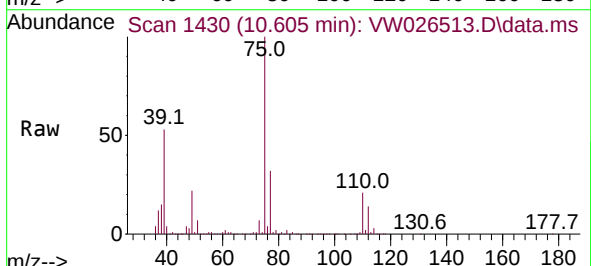
Acq: 03 Jul 2023 17:07

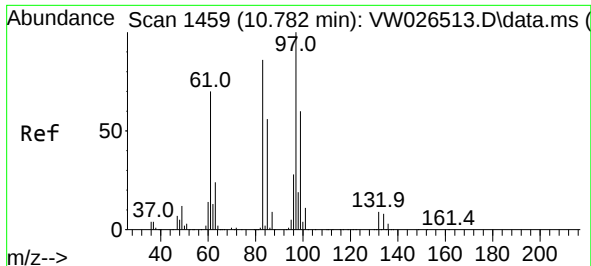
Tgt Ion: 75 Resp: 364849

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

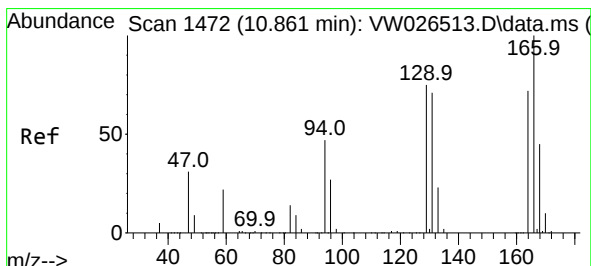
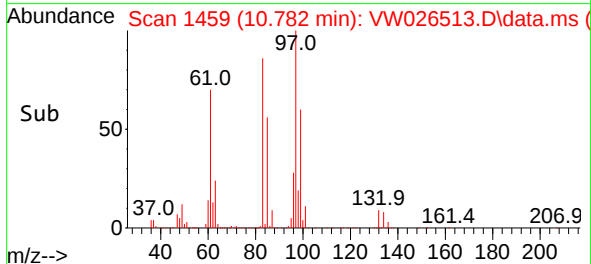
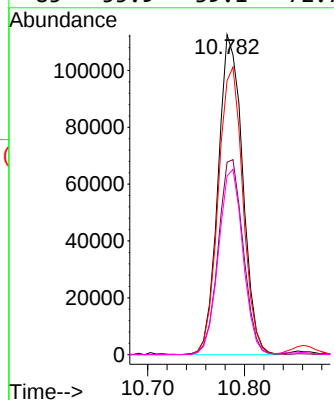
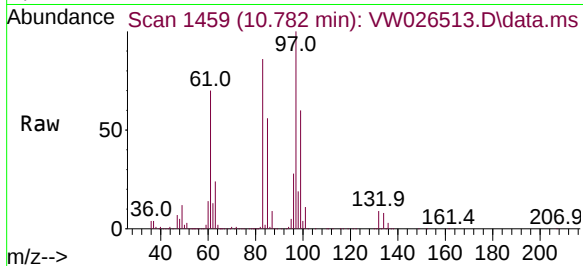




#45
1,1,2-Trichloroethane
Concen: 26.085 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

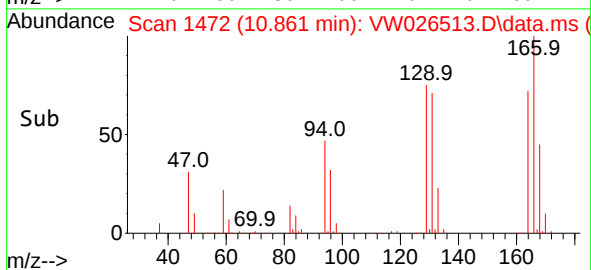
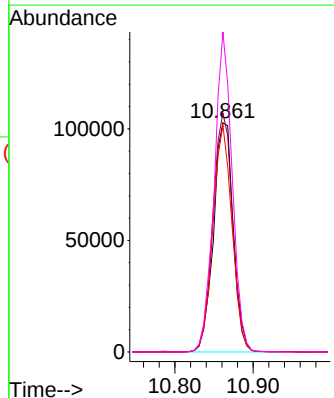
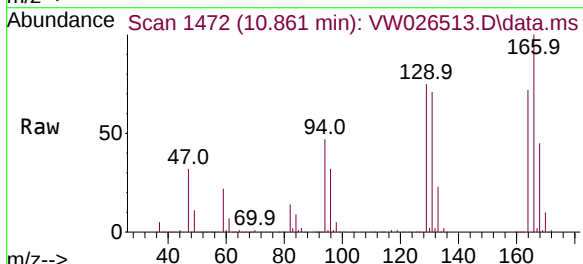
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

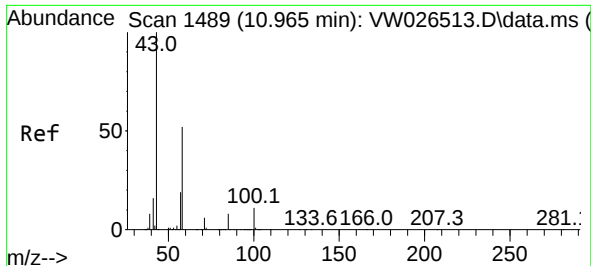
Tgt Ion:	97	Resp:	198097
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.1	78.1
83	85.6	59.9	111.3
85	55.9	39.1	72.7



#46
Tetrachloroethene
Concen: 26.306 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:	164	Resp:	181241
Ion	Ratio	Lower	Upper
164	100		
129	104.3	73.0	135.6
131	98.9	69.2	128.6
166	139.7	97.8	181.6

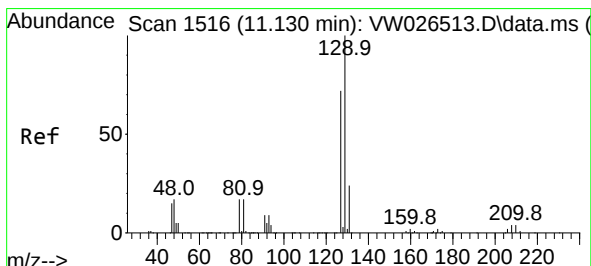
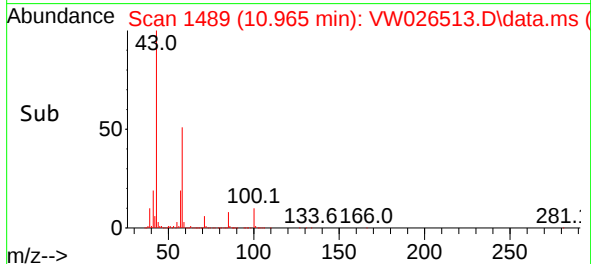
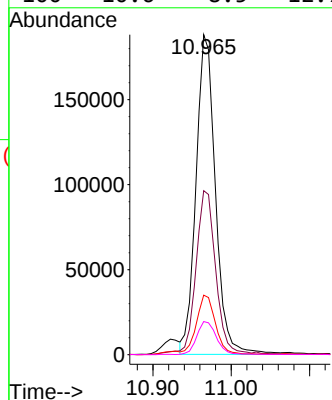
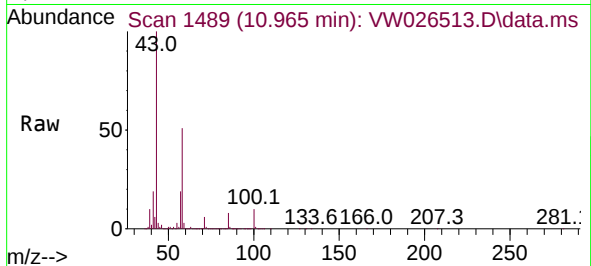




#48
2-Hexanone
Concen: 58.233 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

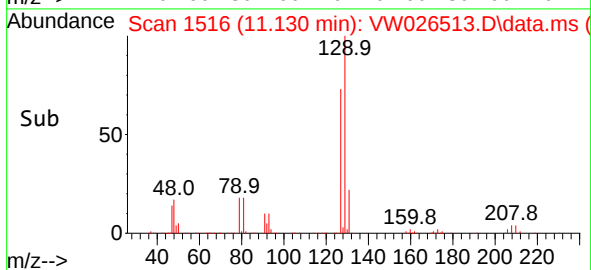
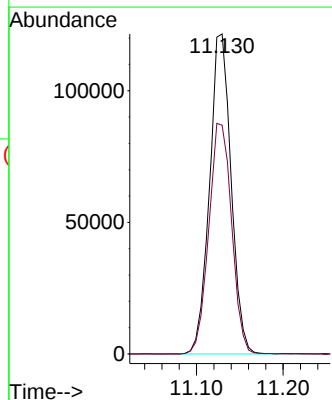
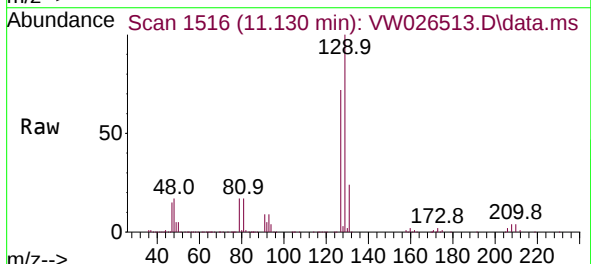
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

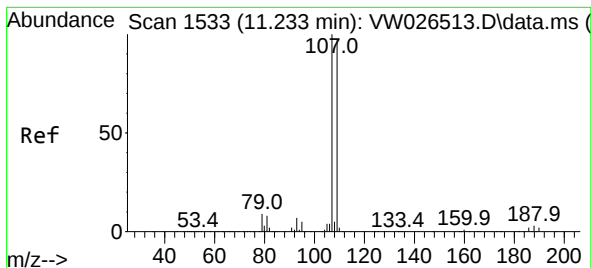
Tgt Ion: 43 Resp: 325247
Ion Ratio Lower Upper
43 100
58 49.9 39.9 59.9
57 17.6 14.1 21.1
100 10.6 8.5 12.7



#49
Dibromochloromethane
Concen: 26.989 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 129 Resp: 210215
Ion Ratio Lower Upper
129 100
127 71.5 50.0 93.0

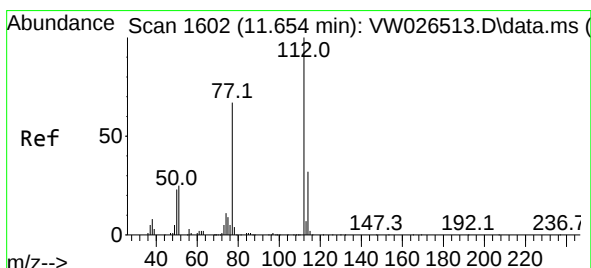
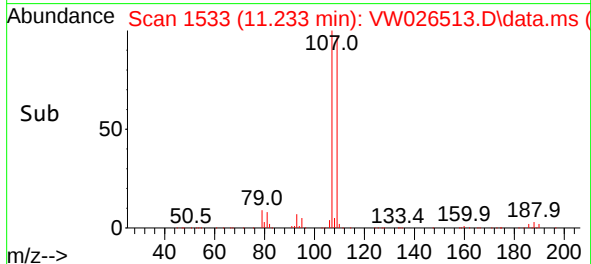
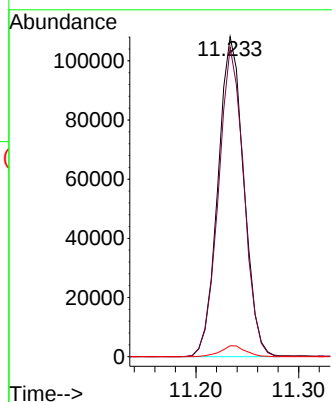
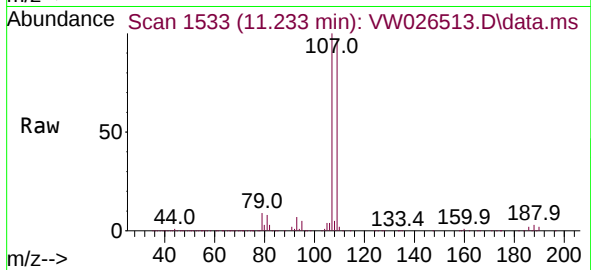




#50
1,2-Dibromoethane
Concen: 26.393 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

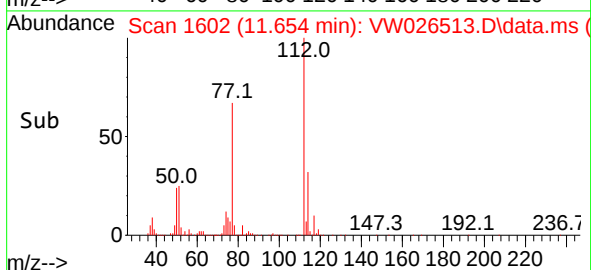
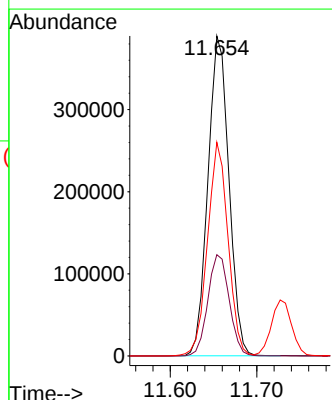
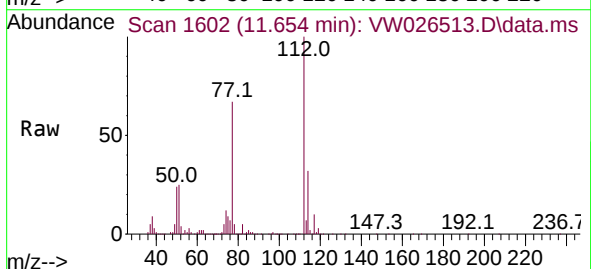
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

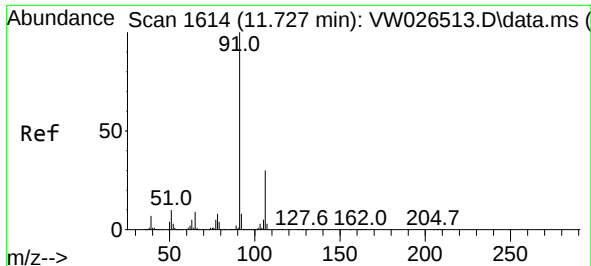
Tgt Ion:107 Resp: 188012
Ion Ratio Lower Upper
107 100
109 96.7 67.7 125.7
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 25.860 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:112 Resp: 655387
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 66.8 53.4 80.2

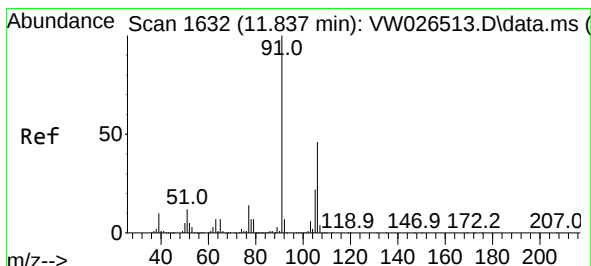
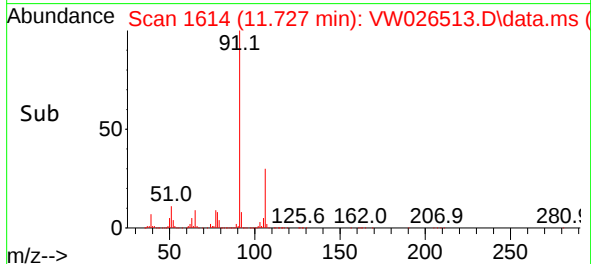
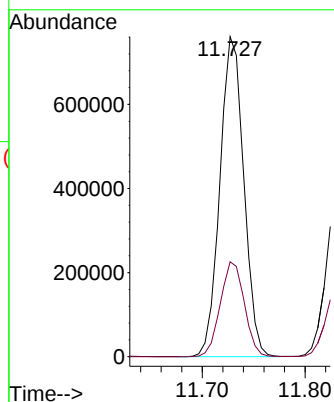
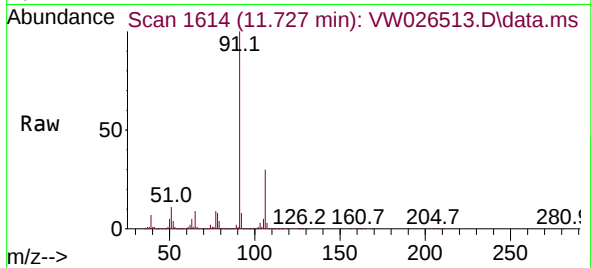




#52
Ethylbenzene
Concen: 26.643 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

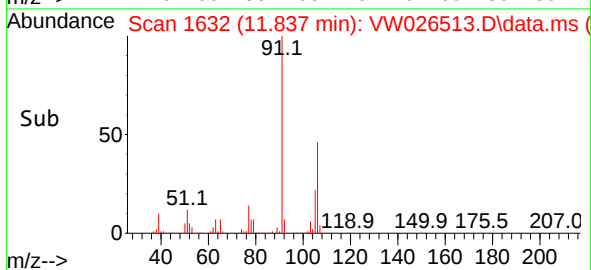
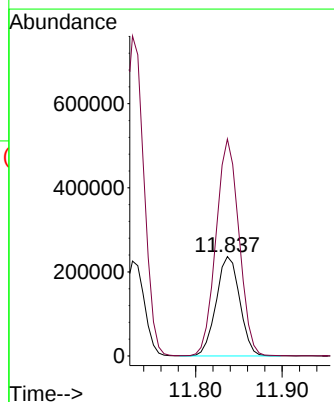
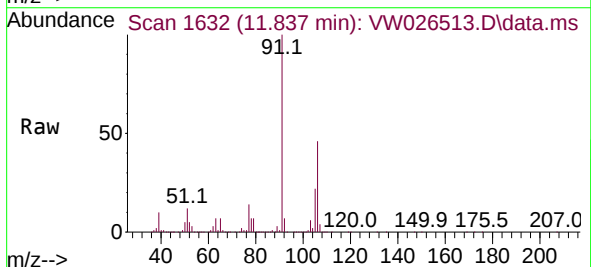
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

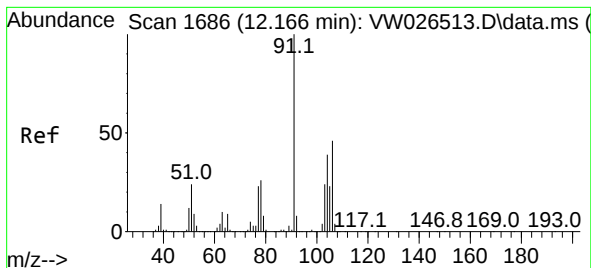
Tgt Ion: 91 Resp: 1226550
Ion Ratio Lower Upper
91 100
106 29.6 20.7 38.5



#53
m,p-Xylene
Concen: 26.334 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:106 Resp: 447534
Ion Ratio Lower Upper
106 100
91 218.2 152.7 283.7

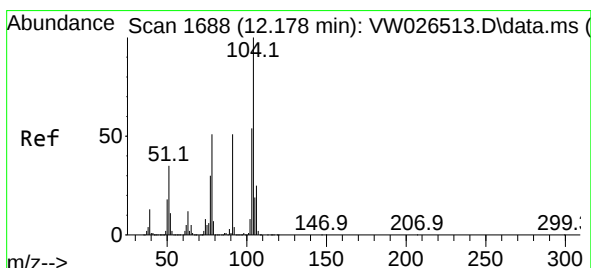
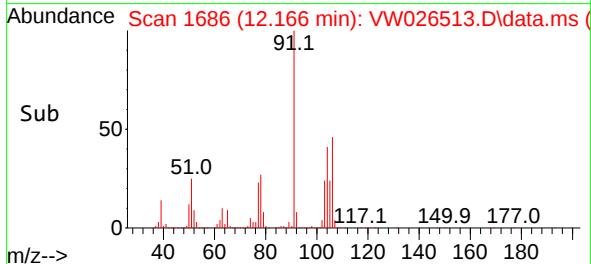
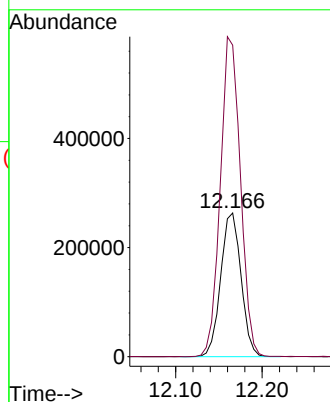
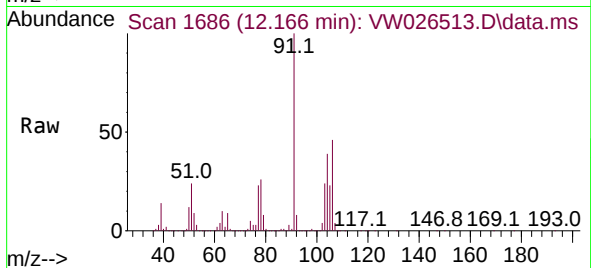




#54
o-Xylene
Concen: 26.503 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

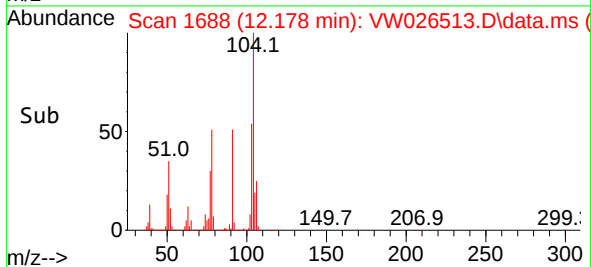
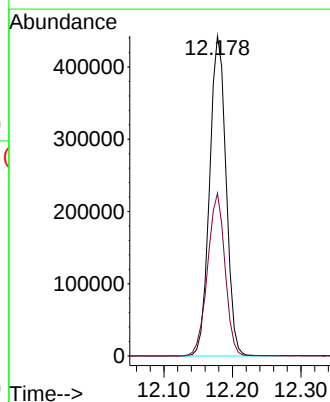
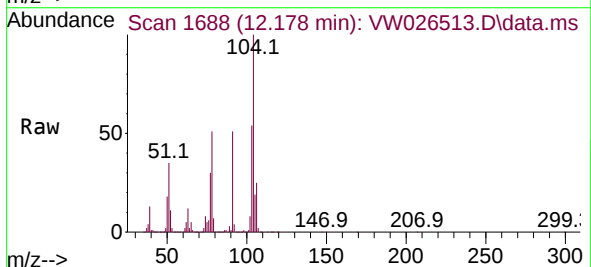
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

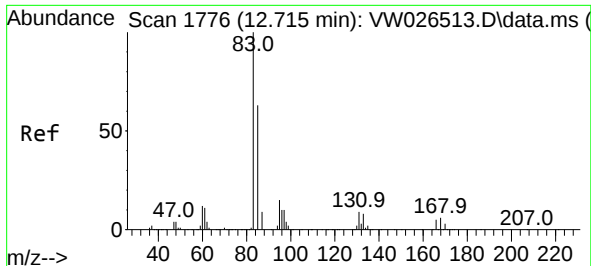
Tgt Ion:106 Resp: 429716
Ion Ratio Lower Upper
106 100
91 216.9 151.8 282.0



#55
Styrene
Concen: 26.824 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:104 Resp: 740710
Ion Ratio Lower Upper
104 100
78 50.9 35.6 66.2

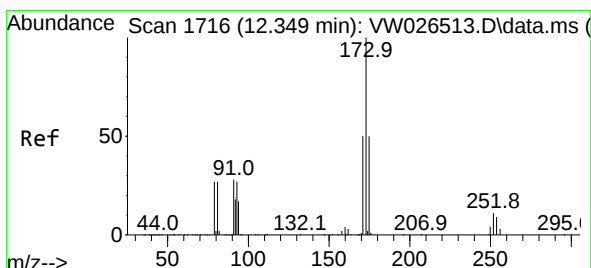
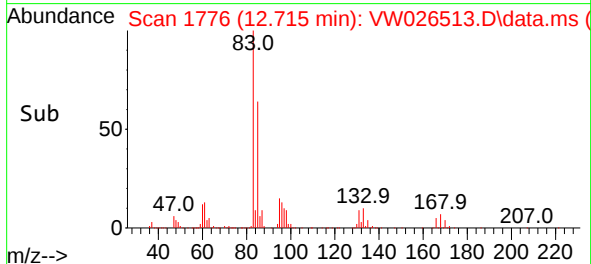
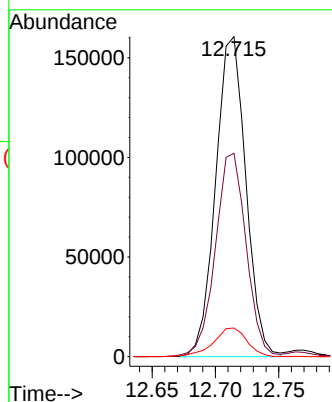
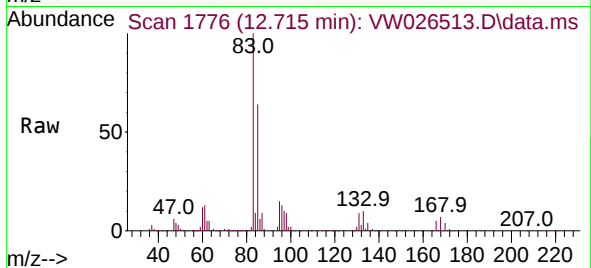




#57
1,1,2,2-Tetrachloroethane
Concen: 27.085 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

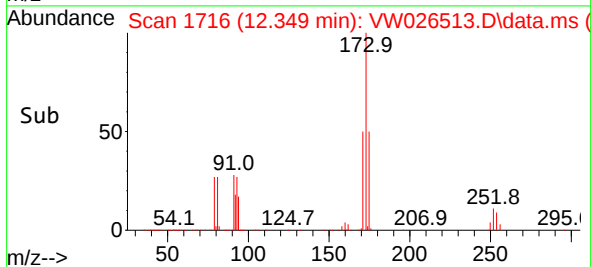
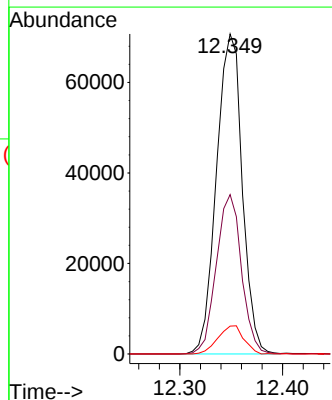
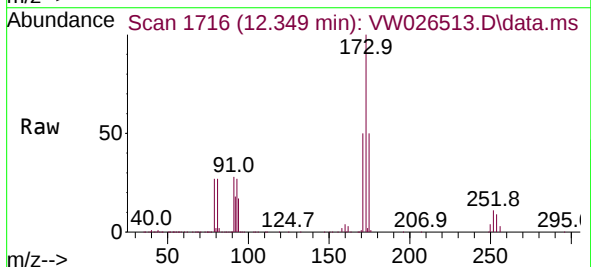
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

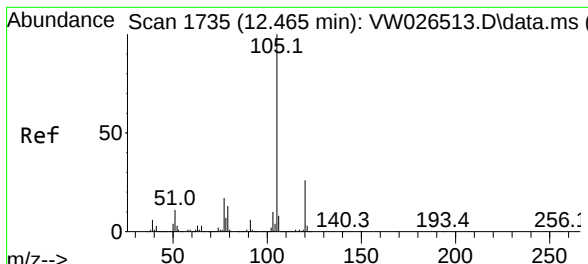
Tgt Ion: 83 Resp: 266819
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
131 9.0 7.2 10.8



#59
Bromoform
Concen: 27.417 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:173 Resp: 123066
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 8.8 7.0 10.6

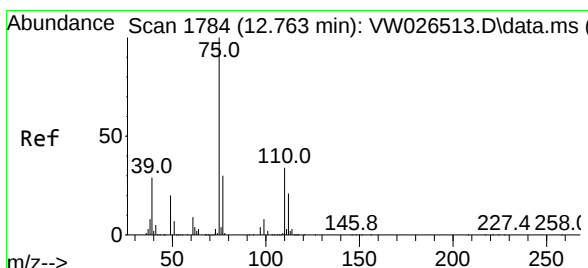
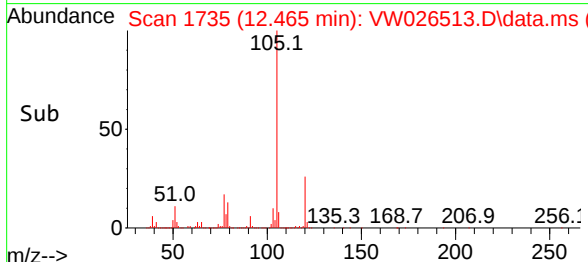
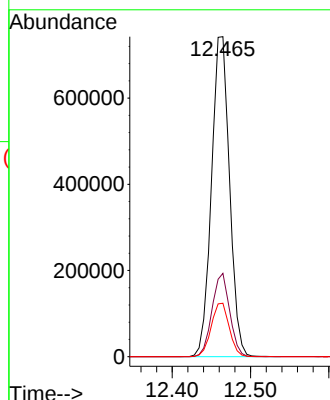
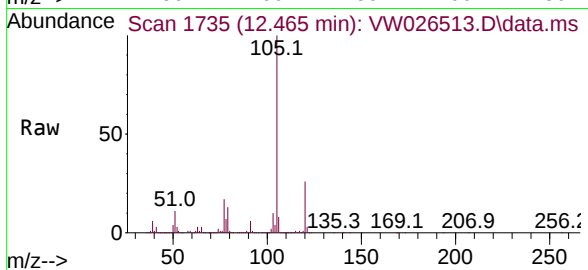




#60
Isopropylbenzene
Concen: 26.628 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

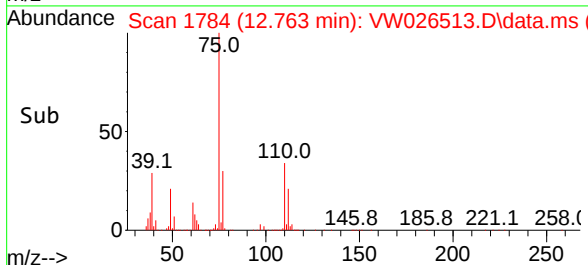
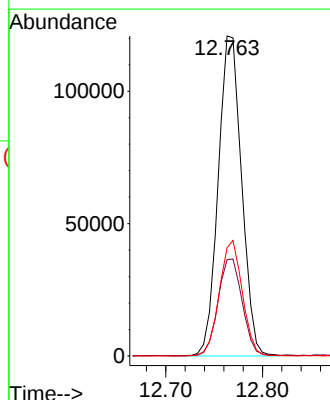
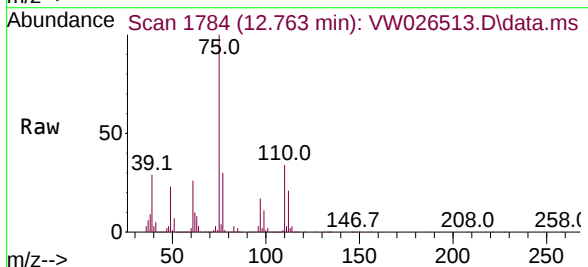
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

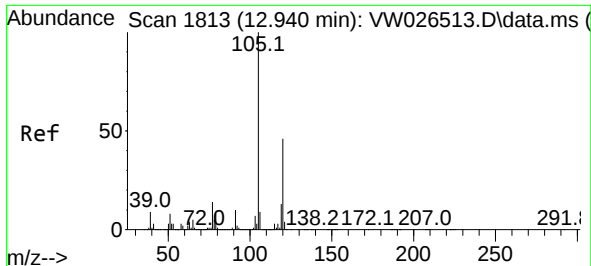
Tgt Ion:105 Resp: 1189719
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 27.296 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 75 Resp: 203091
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
110 35.4 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 27.207 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

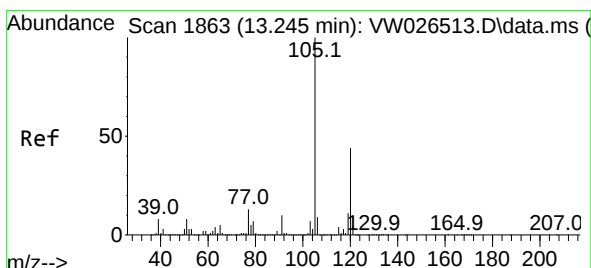
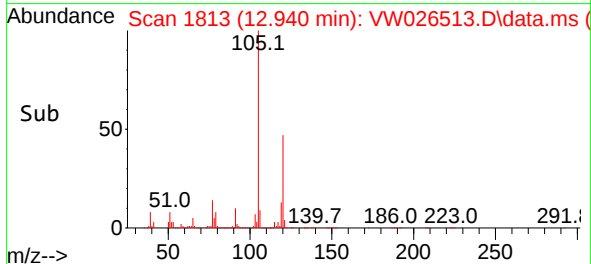
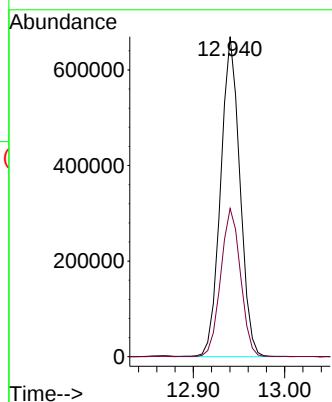
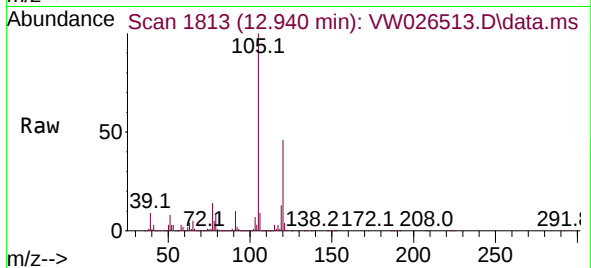
VSTD025480

Tgt Ion:105 Resp: 981412

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.998 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026513.D

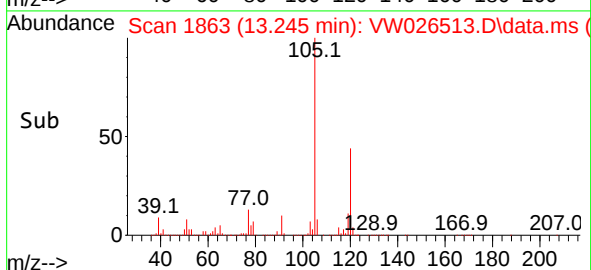
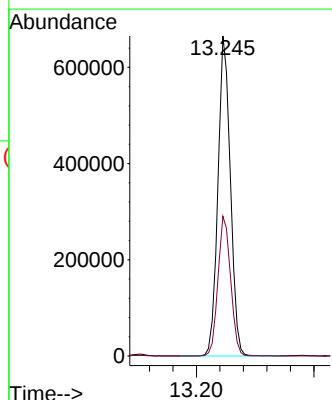
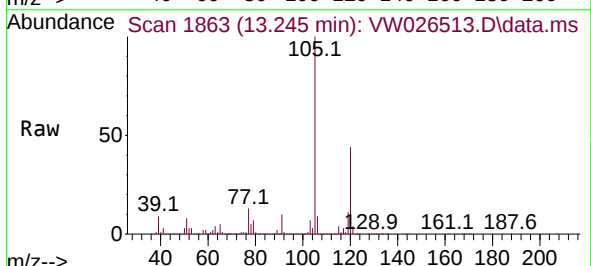
Acq: 03 Jul 2023 17:07

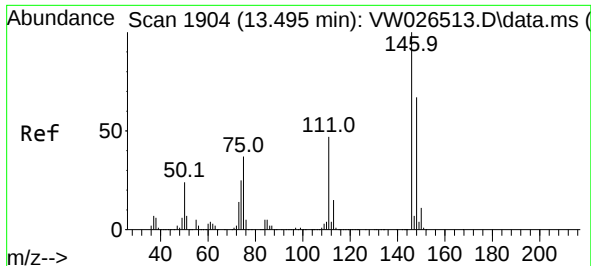
Tgt Ion:105 Resp: 973852

Ion Ratio Lower Upper

105 100

120 44.4 35.5 53.3

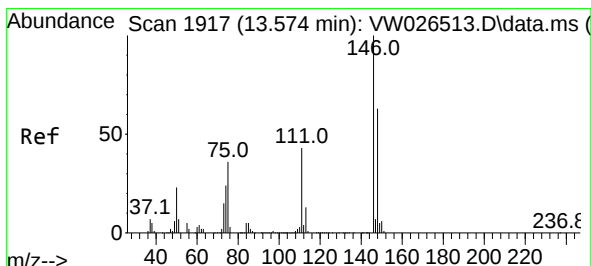
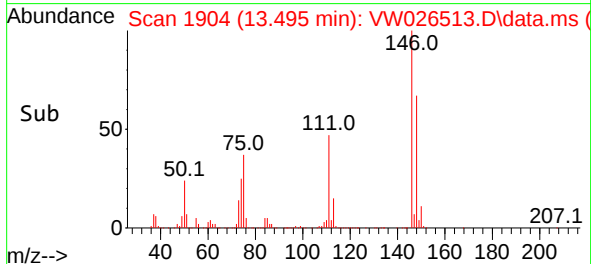
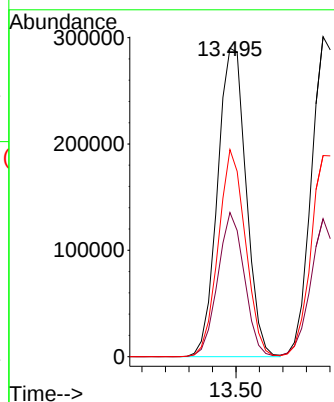
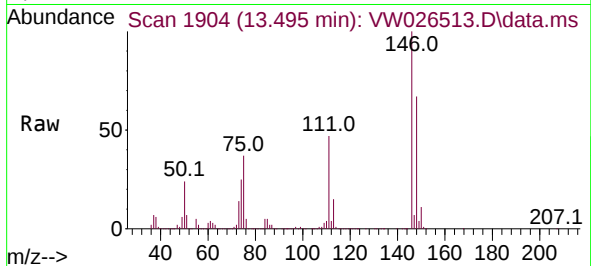




#64
1,3-Dichlorobenzene
Concen: 26.166 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

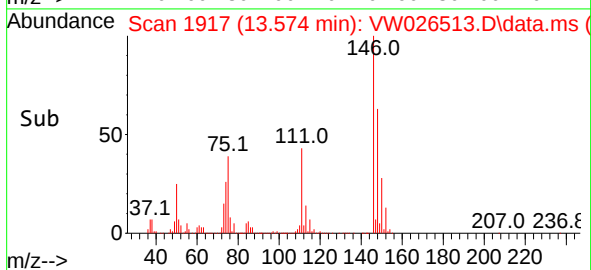
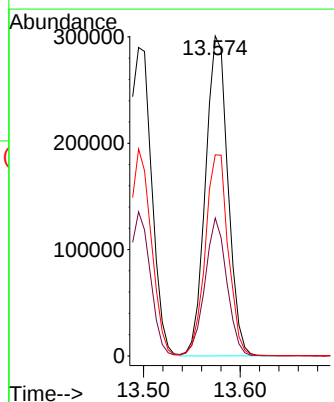
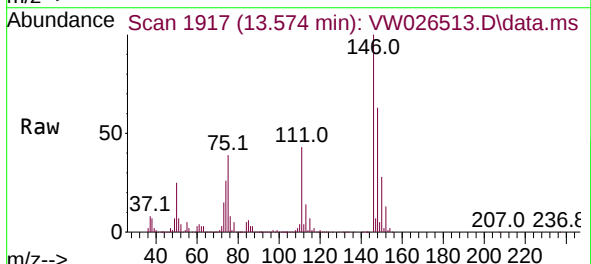
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

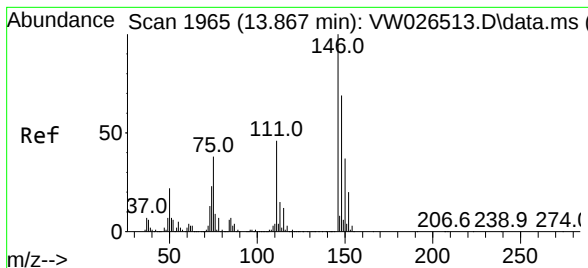
Tgt Ion:146 Resp: 489711
Ion Ratio Lower Upper
146 100
111 46.7 32.7 60.7
148 67.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 25.792 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion:146 Resp: 484942
Ion Ratio Lower Upper
146 100
111 43.1 30.2 56.0
148 62.8 44.0 81.6

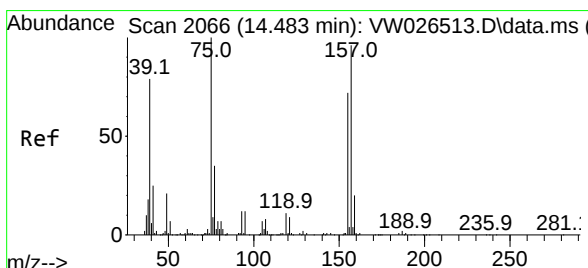
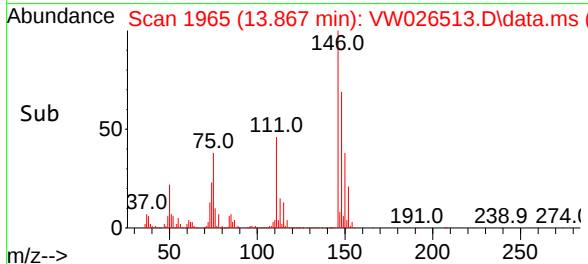
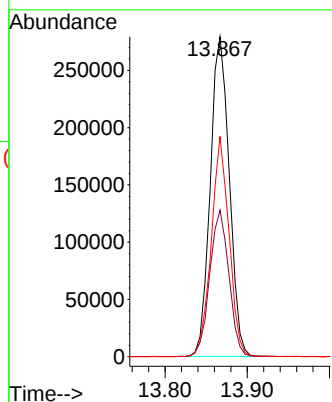
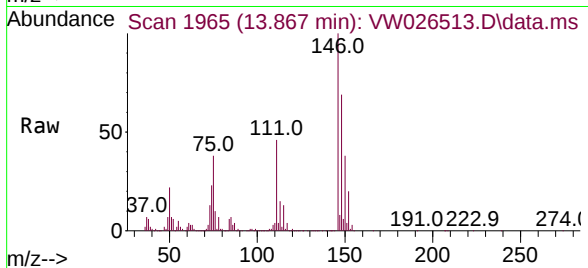




#67
1,2-Dichlorobenzene
Concen: 26.806 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

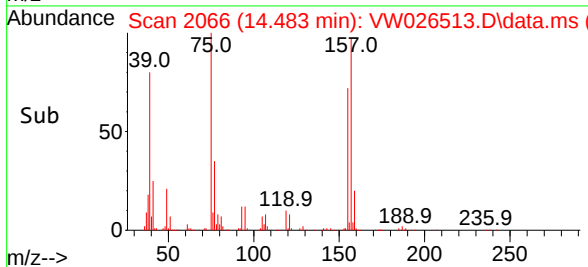
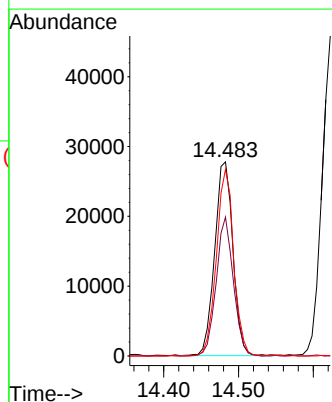
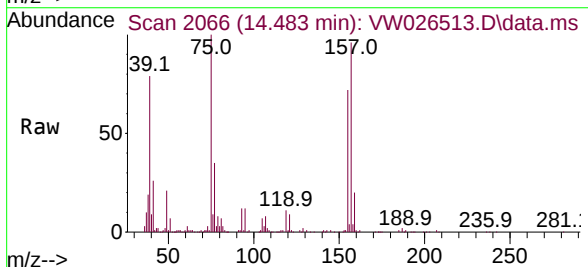
Instrument :
MSVOA_W
ClientSampleId :
VSTD025480

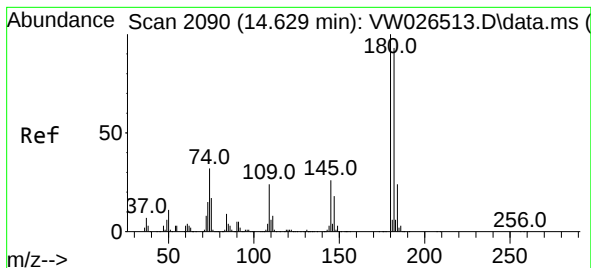
Tgt Ion:146 Resp: 448901
Ion Ratio Lower Upper
146 100
111 45.8 36.6 55.0
148 68.9 55.1 82.7



#68
1,2-Dibromo-3-chloropropane
Concen: 26.422 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW026513.D
Acq: 03 Jul 2023 17:07

Tgt Ion: 75 Resp: 47037
Ion Ratio Lower Upper
75 100
155 71.6 57.3 85.9
157 96.1 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 26.355 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025480

Tgt Ion:180 Resp: 326437

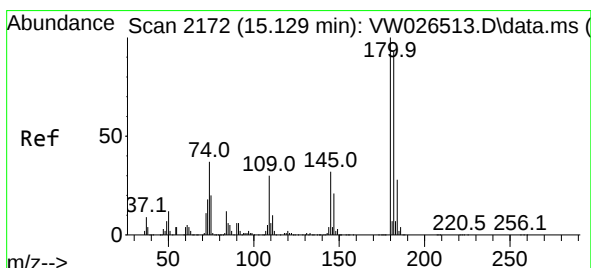
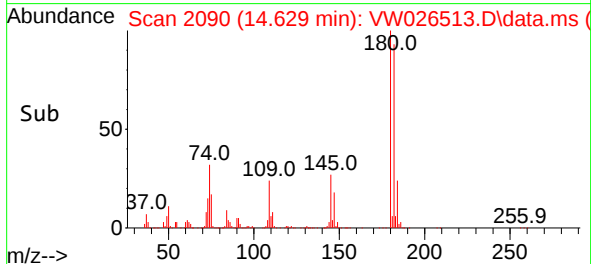
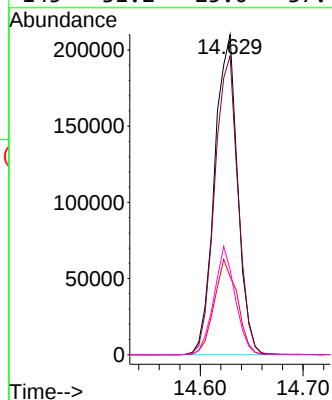
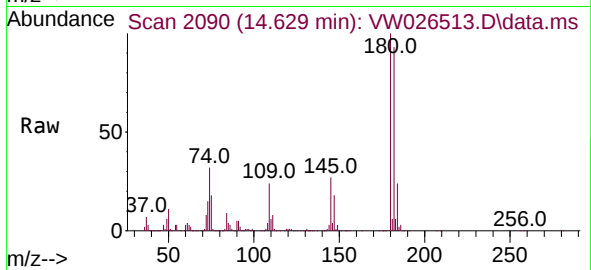
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 29.8 23.8 35.8

145 31.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.162 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

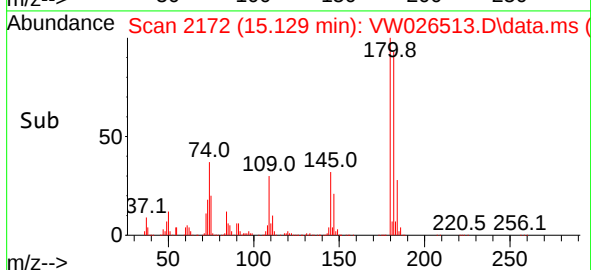
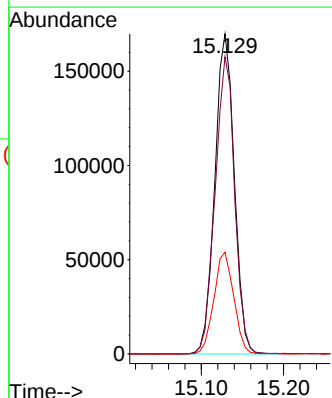
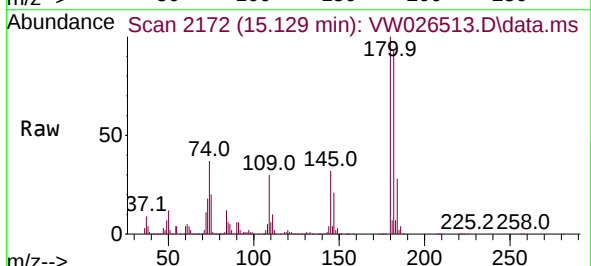
Tgt Ion:180 Resp: 279291

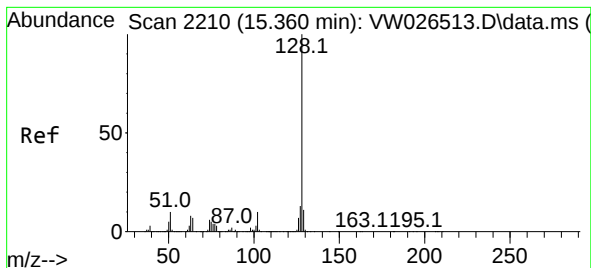
Ion Ratio Lower Upper

180 100

182 93.1 74.5 111.7

145 32.4 25.9 38.9





#71

Naphthalene

Concen: 28.652 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025480

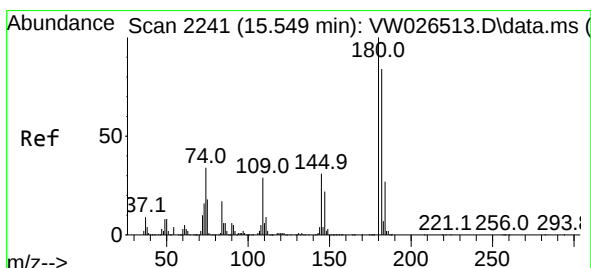
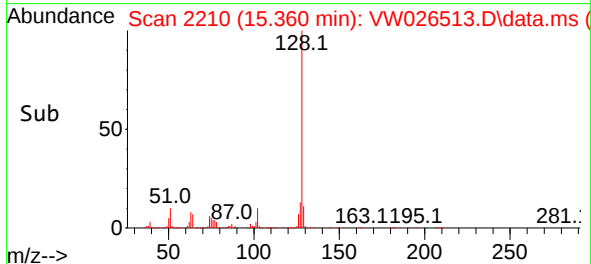
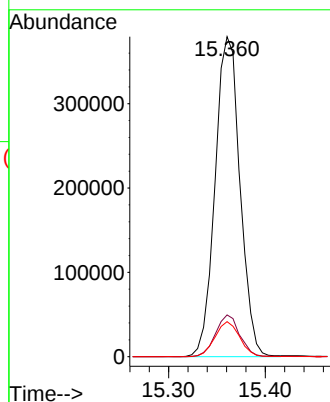
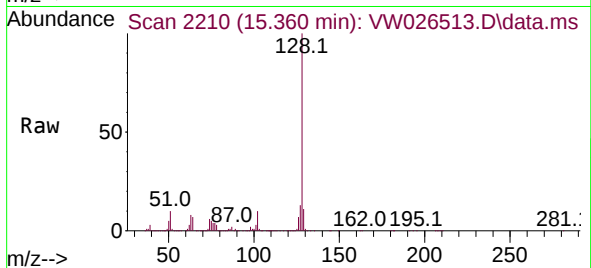
Tgt Ion:128 Resp: 678850

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.522 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026513.D

Acq: 03 Jul 2023 17:07

Tgt Ion:180 Resp: 242983

Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 36.3 29.0 43.6

