

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026190.D
 Acq On : 14 Jun 2023 20:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Jun 14 23:27:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	664109	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	304428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186096	19.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
7) Chloroethane-d5	2.893	69	168829	24.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	4.021	65	94348	20.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.920%
21) 2-Butanone-d5	7.075	46	161516	59.382	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.760%
24) Chloroform-d	7.648	84	468128	24.071	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	8.301	65	257484	24.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.840%
32) Benzene-d6	8.276	84	905006	22.136	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	9.270	67	298194	23.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.325	98	787454	21.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.880%
43) trans-1,3-Dichloroprop...	10.575	79	106349	20.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	10.922	63	111175	54.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	246900	26.195	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	254870	21.873	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	164155	20.164	ug/L	98
3) Chloromethane	2.222	50	250815	24.027	ug/L	96
5) Vinyl chloride	2.375	62	266966	23.926	ug/L	99
6) Bromomethane	2.783	94	148915	24.481	ug/L	98
8) Chloroethane	2.936	64	162040	26.874	ug/L	96
9) Trichlorofluoromethane	3.265	101	170467	23.747	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	217079	23.965	ug/L #	70
12) 1,1-Dichloroethene	4.051	96	202167	23.910	ug/L	78
13) Acetone	4.118	43	99598	47.323	ug/L	100
14) Carbon disulfide	4.393	76	643208	21.549	ug/L	100
15) Methyl Acetate	4.667	43	129766	27.472	ug/L	100
16) Methylene chloride	4.923	84	240019	22.644	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	225437	23.763	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	372207	24.894	ug/L	100
19) 1,1-Dichloroethane	6.216	63	478464	24.773	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	253569	25.233	ug/L	97
22) 2-Butanone	7.167	43	166317	55.398	ug/L	99
23) Bromochloromethane	7.514	128	105759	24.678	ug/L	93
25) Chloroform	7.679	83	451320	25.089	ug/L	100

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 Response via : Initial Calibration

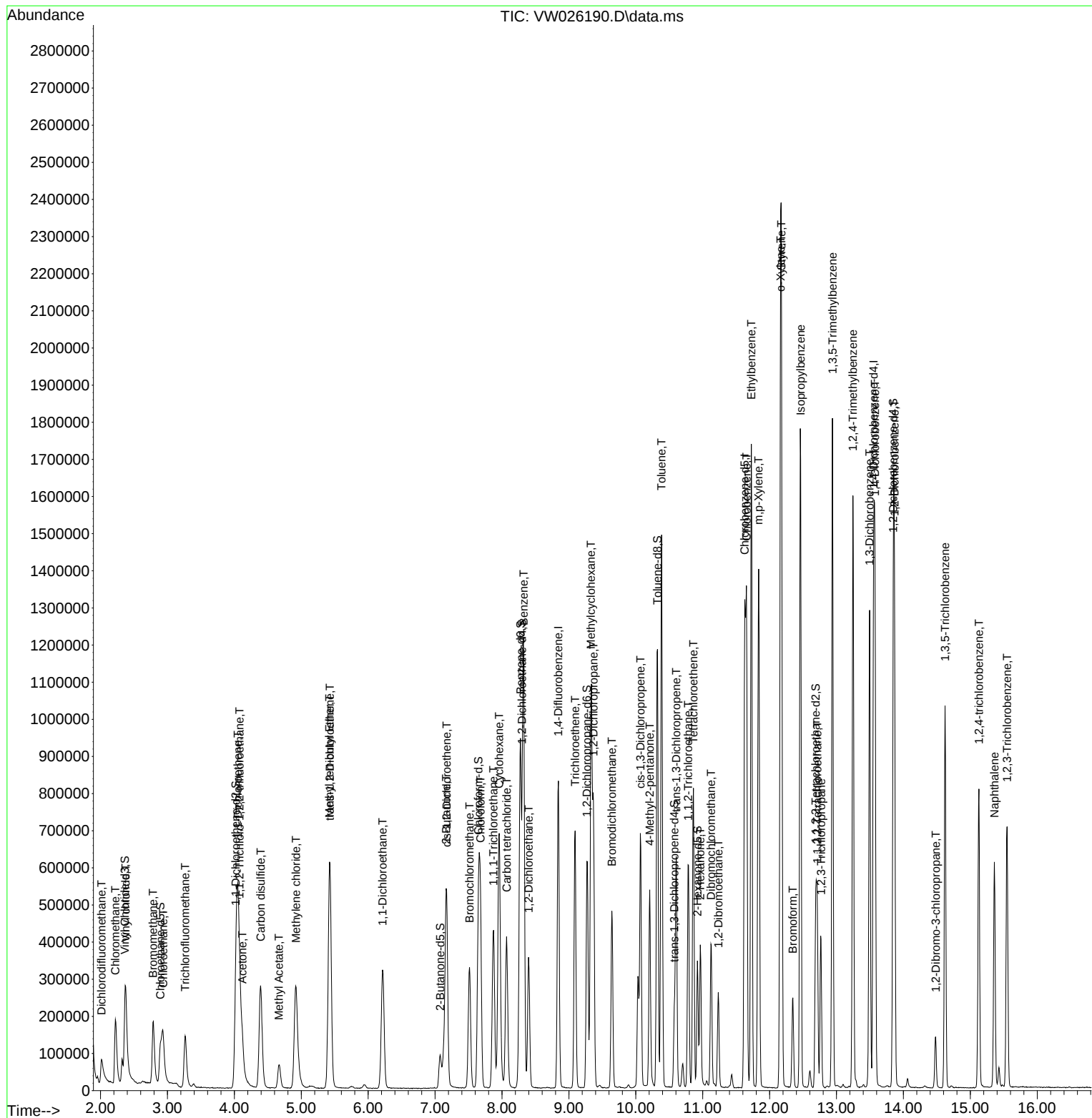
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	316586	25.517	ug/L	99
29) Cyclohexane	7.959	56	408540	21.779	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	343578	23.301	ug/L	99
31) Carbon tetrachloride	8.069	117	307311	22.839	ug/L	97
33) Benzene	8.325	78	1003185	24.102	ug/L	100
34) Trichloroethene	9.093	95	246701	23.147	ug/L	98
35) Methylcyclohexane	9.331	83	415898	22.053	ug/L	100
37) 1,2-Dichloropropane	9.367	63	277884	24.649	ug/L	100
38) Bromodichloromethane	9.642	83	318938	24.351	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	388949	23.477	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	367030	55.221	ug/L	100
42) Toluene	10.386	91	1018636	23.927	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	323732	23.455	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	186768	25.137	ug/L	96
46) Tetrachloroethene	10.861	164	168197	22.312	ug/L	97
48) 2-Hexanone	10.965	43	253822	54.160	ug/L	96
49) Dibromochloromethane	11.123	129	195866	25.143	ug/L	94
50) 1,2-Dibromoethane	11.233	107	169059	24.574	ug/L	93
51) Chlorobenzene	11.654	112	620860	23.273	ug/L	98
52) Ethylbenzene	11.727	91	1156129	24.074	ug/L	99
53) m,p-Xylene	11.837	106	426423	23.868	ug/L	95
54) o-Xylene	12.166	106	404125	23.966	ug/L	98
55) Styrene	12.178	104	714925	24.713	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	235848	26.229	ug/L	97
59) Bromoform	12.349	173	106650	23.325	ug/L	99
60) Isopropylbenzene	12.464	105	1105080	23.108	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	167904	24.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	892378	23.473	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	817555	23.479	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	479767	23.860	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	465531	22.996	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	413914	22.923	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37490	23.729	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	286329	20.729	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	244055	21.413	ug/L	93
71) Naphthalene	15.360	128	483625	23.808	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225249	22.613	ug/L	97

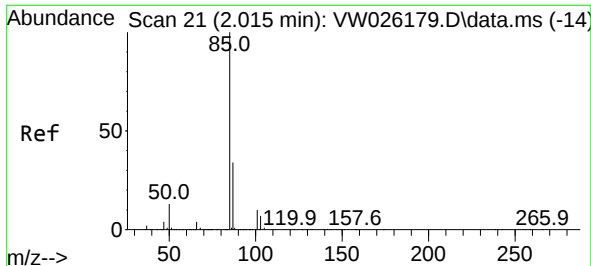
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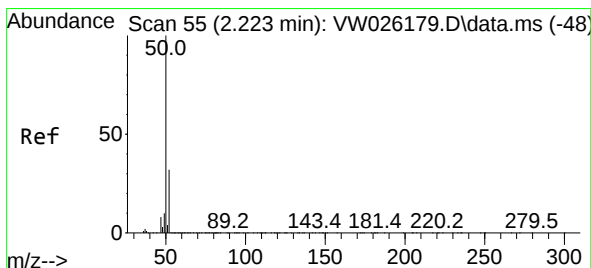
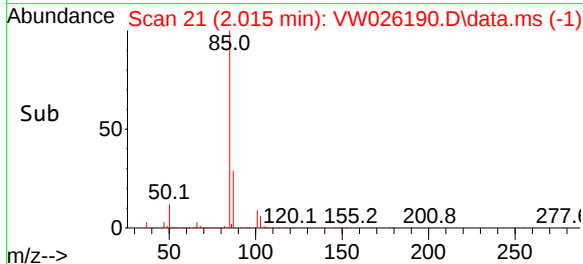
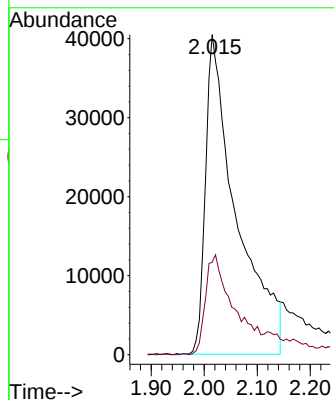
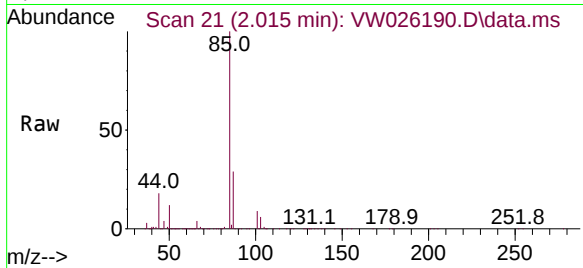




#2
 Dichlorodifluoromethane
 Concen: 20.164 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

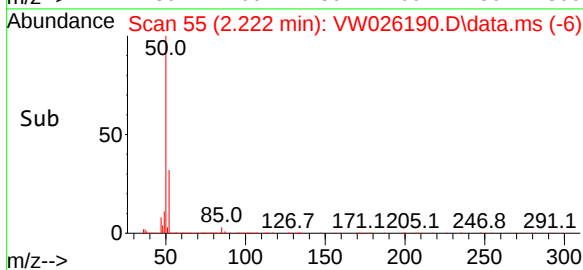
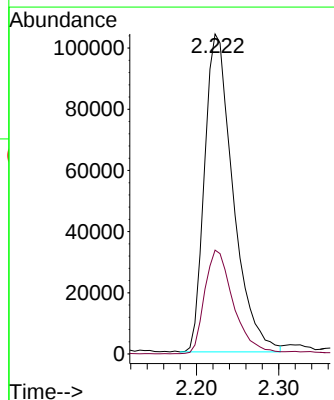
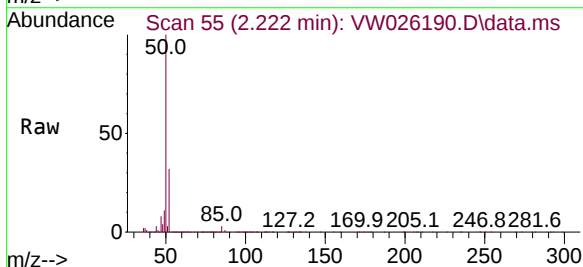
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

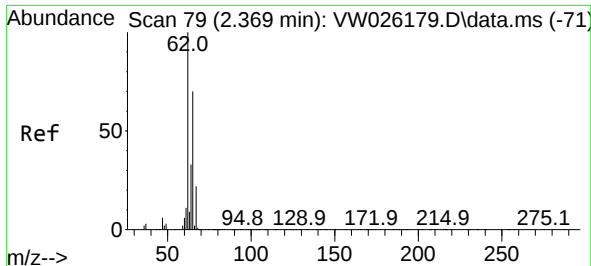
Tgt Ion: 85 Resp: 164155
 Ion Ratio Lower Upper
 85 100
 87 28.6 22.2 33.2



#3
 Chloromethane
 Concen: 24.027 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

Tgt Ion: 50 Resp: 250815
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.3 39.6

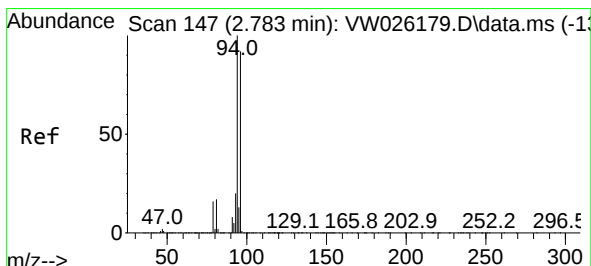
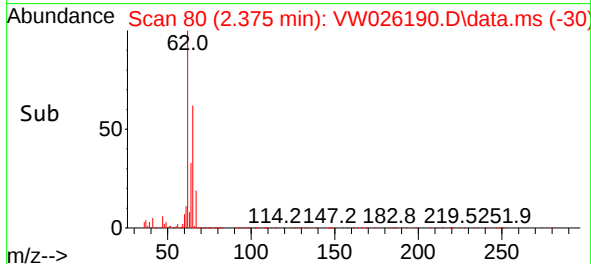
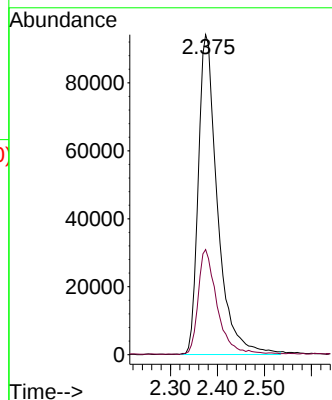
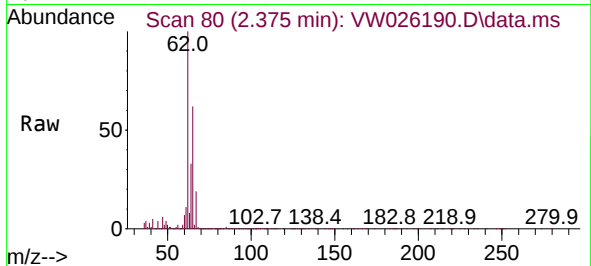




#5
 Vinyl chloride
 Concen: 23.926 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

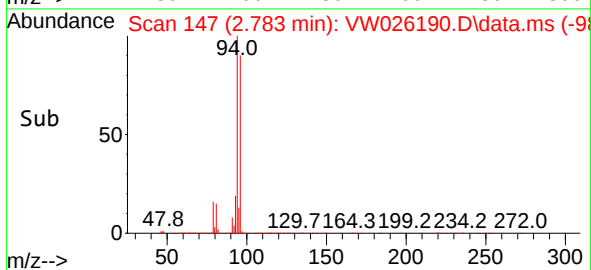
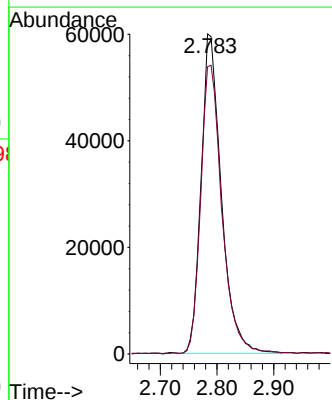
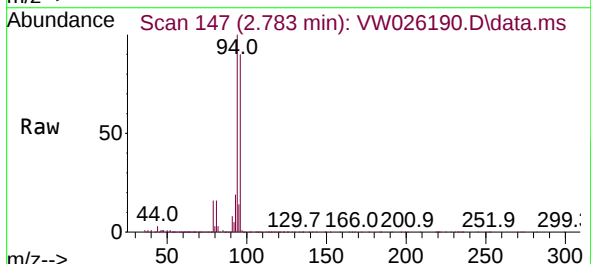
Instrument :
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 ClientSampleId :
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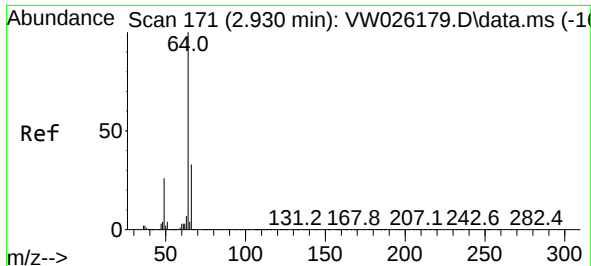
Tgt Ion: 62 Resp: 266966
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.1



#6
 Bromomethane
 Concen: 24.481 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

Tgt Ion: 94 Resp: 148915
 Ion Ratio Lower Upper
 94 100
 96 89.7 64.2 119.2

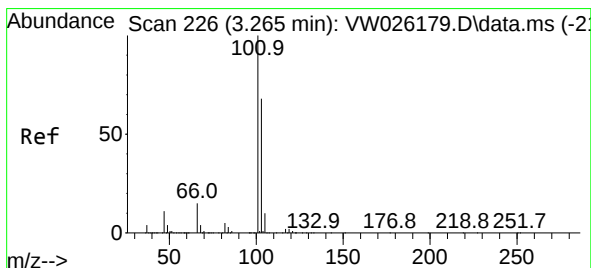
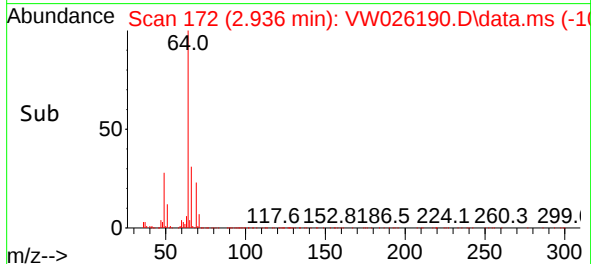
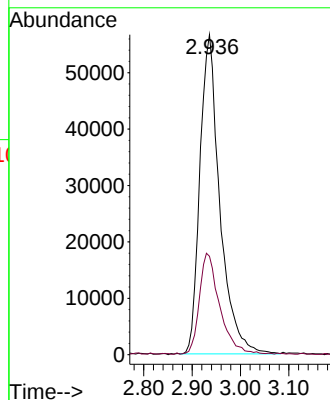
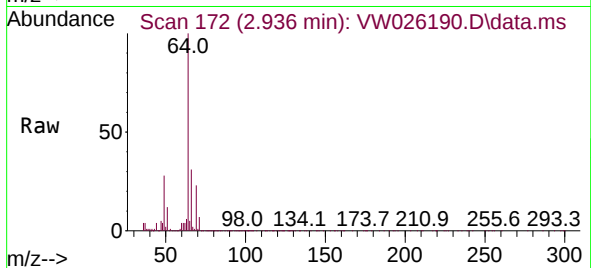




#8
Chloroethane
Concen: 26.874 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

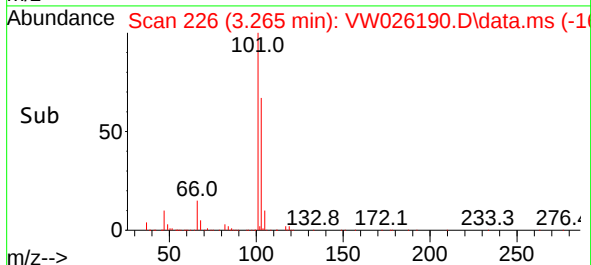
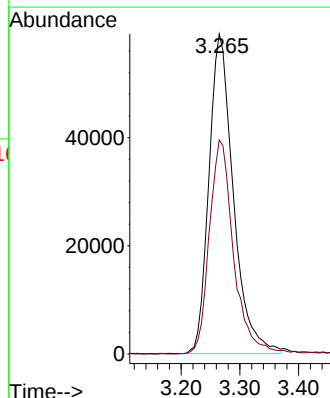
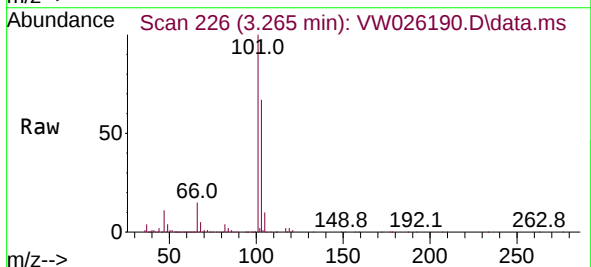
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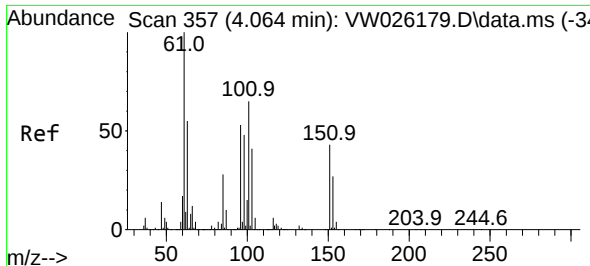
Tgt Ion: 64 Resp: 162040
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.747 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 101 Resp: 170467
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

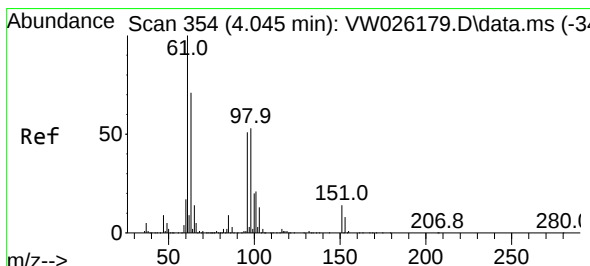
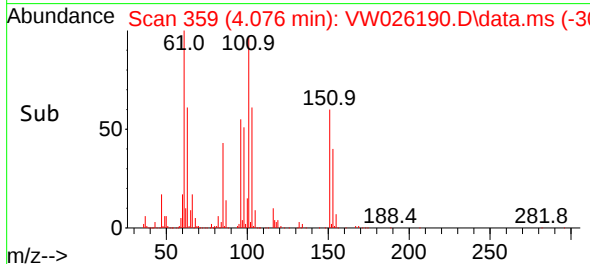
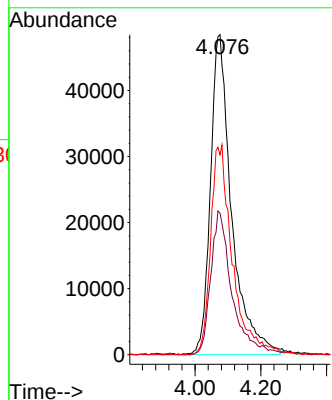
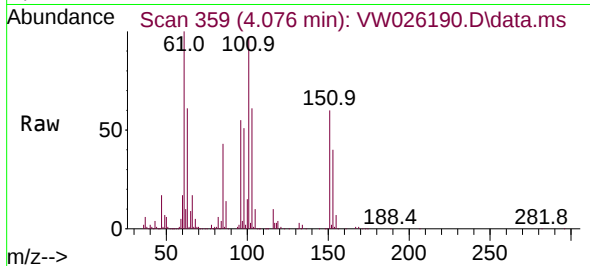




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.965 ug/L
 RT: 4.076 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

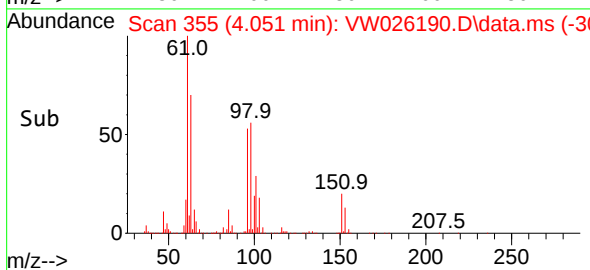
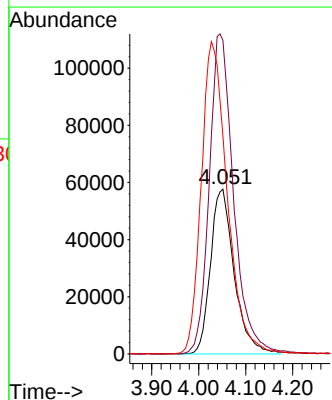
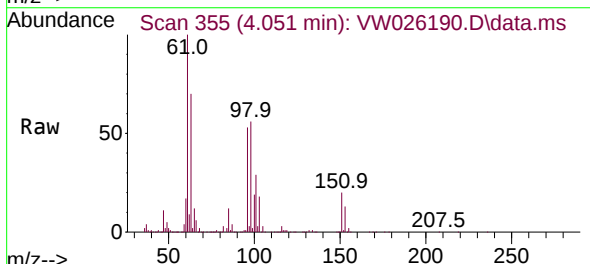
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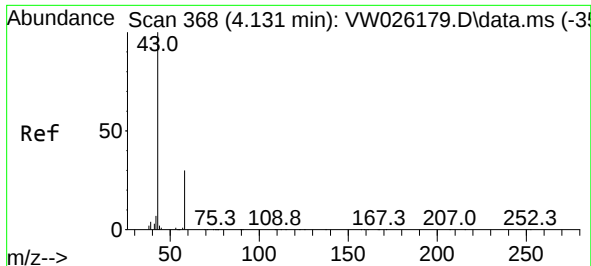
Tgt Ion:101 Resp: 217079
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.1 54.1
 151 30.5 55.1 82.7#



#12
 1,1-Dichloroethene
 Concen: 23.910 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

Tgt Ion: 96 Resp: 202167
 Ion Ratio Lower Upper
 96 100
 61 190.4 140.6 261.0
 63 132.6 131.7 244.5





#13

Acetone

Concen: 47.323 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

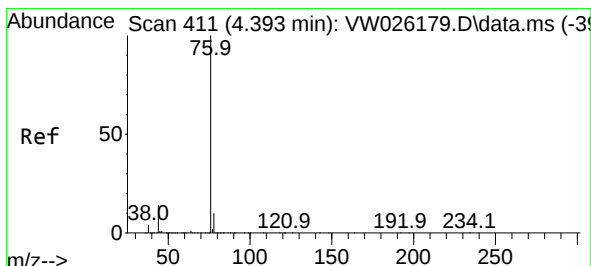
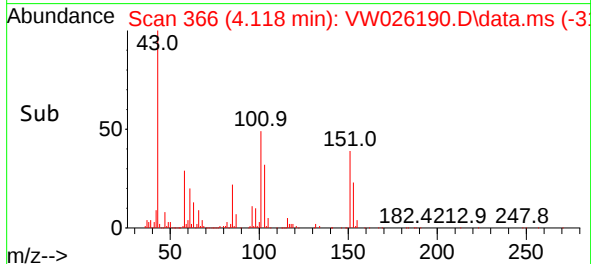
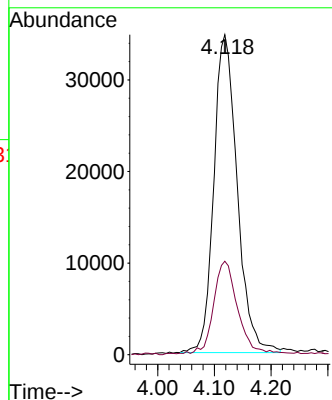
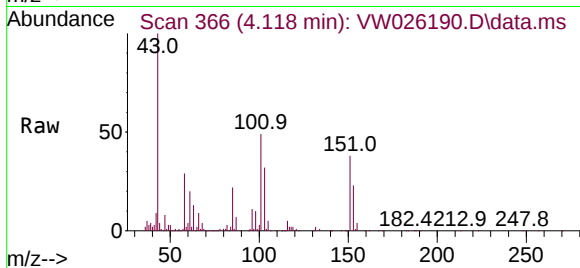
VSTD025518

Tgt Ion: 43 Resp: 99598

Ion Ratio Lower Upper

43 100

58 28.9 0.0 58.2



#14

Carbon disulfide

Concen: 21.549 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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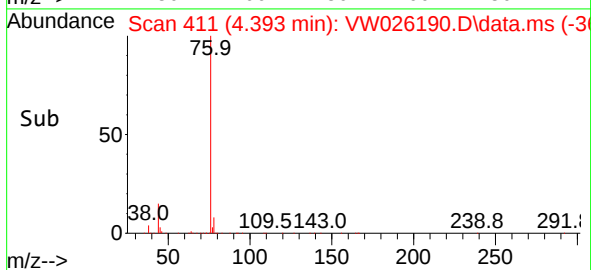
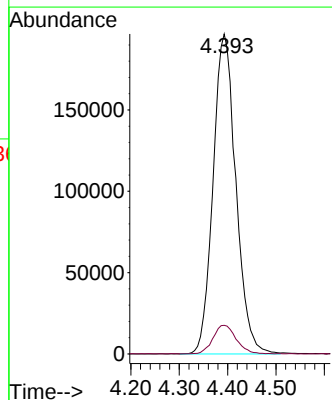
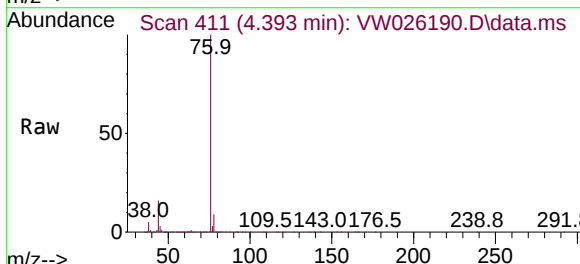
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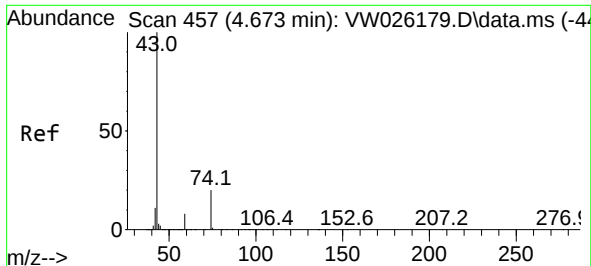
Tgt Ion: 76 Resp: 643208

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

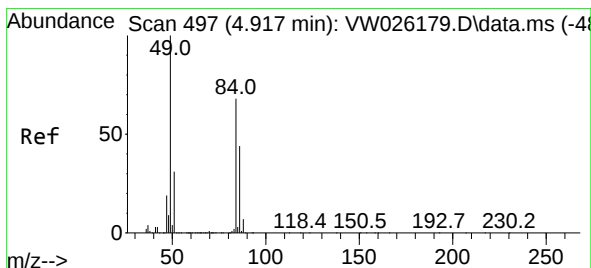
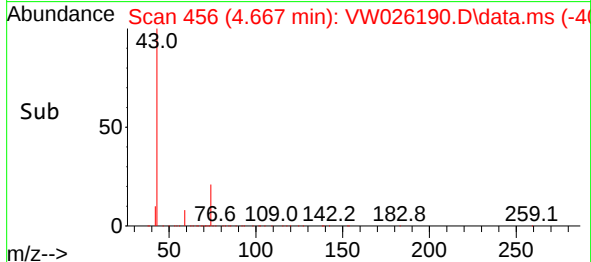
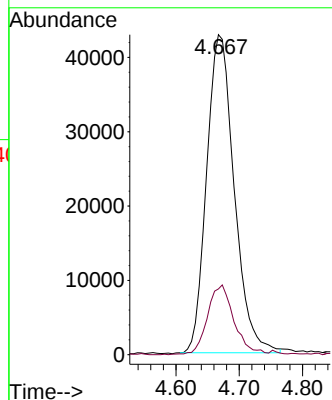
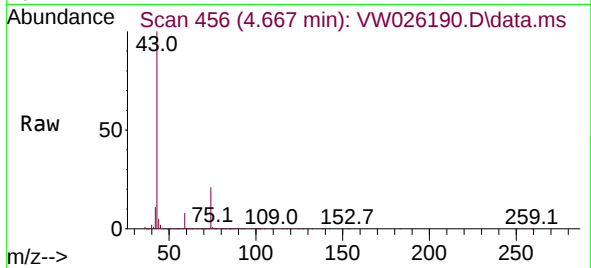




#15
Methyl Acetate
Concen: 27.472 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

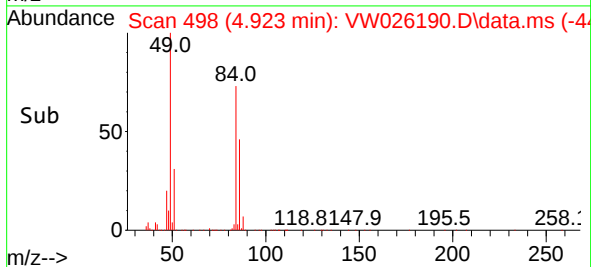
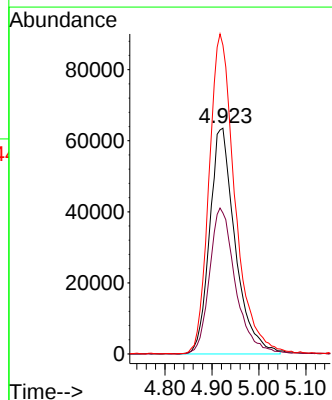
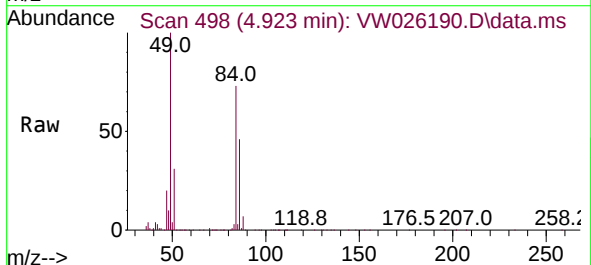
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

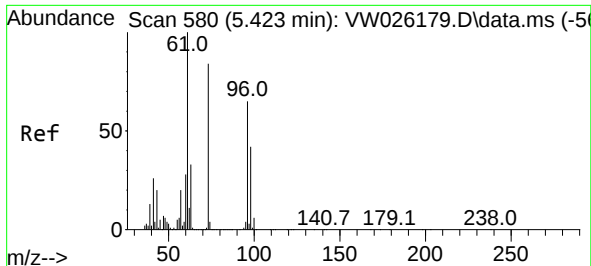
Tgt Ion: 43 Resp: 129766
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 22.644 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 84 Resp: 240019
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.0
49 136.8 98.8 183.6

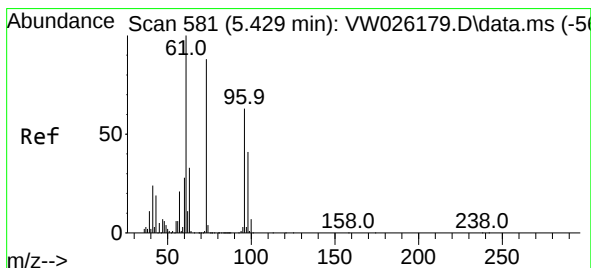
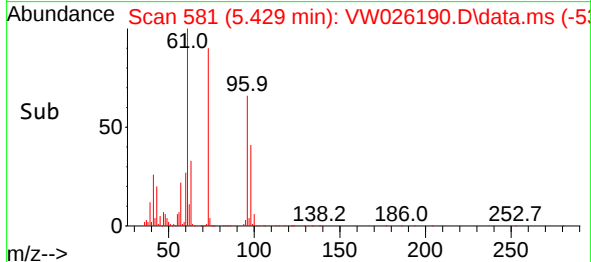
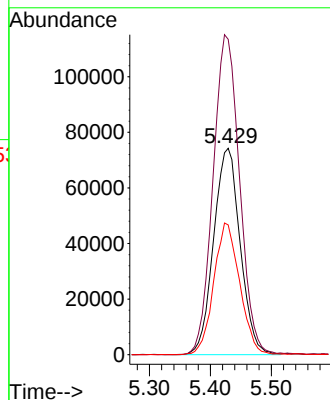
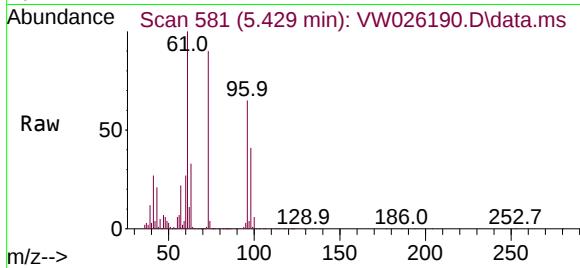




#17
trans-1,2-Dichloroethene
Concen: 23.763 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

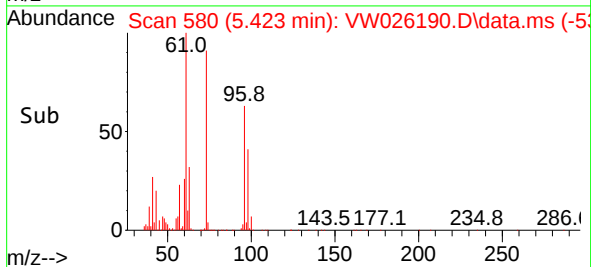
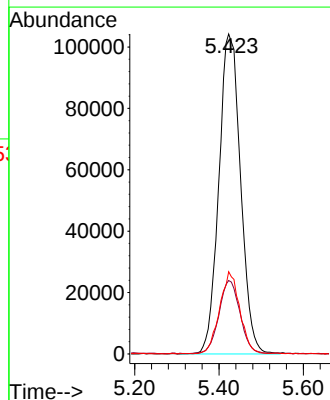
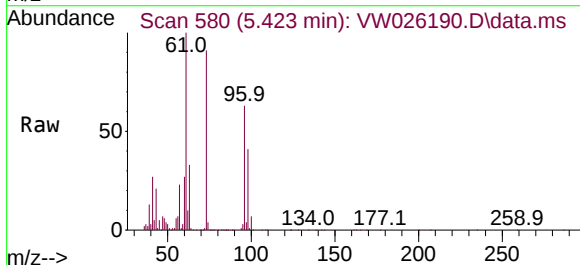
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

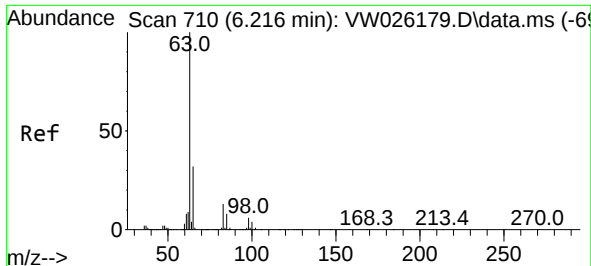
Tgt Ion: 96 Resp: 225437
Ion Ratio Lower Upper
96 100
61 152.8 113.0 209.8
98 62.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.894 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 73 Resp: 372207
Ion Ratio Lower Upper
73 100
43 22.1 17.8 26.6
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.773 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

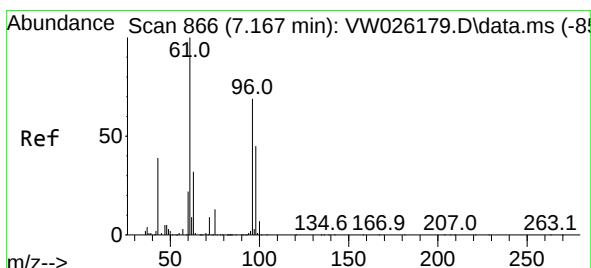
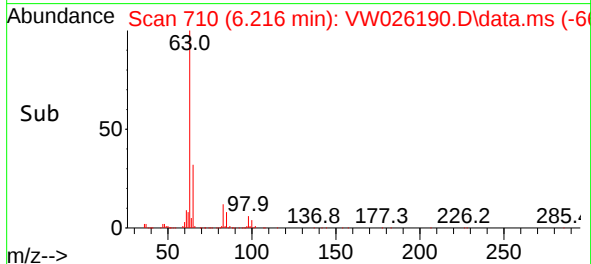
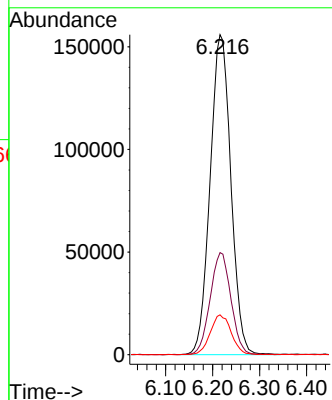
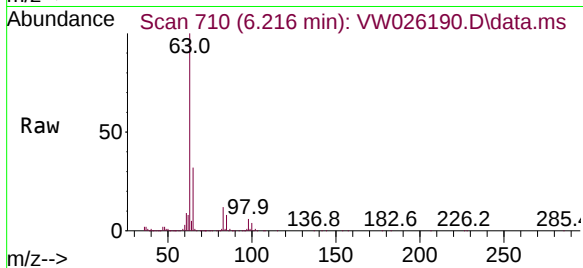
Tgt Ion: 63 Resp: 478464

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 12.5 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 25.233 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

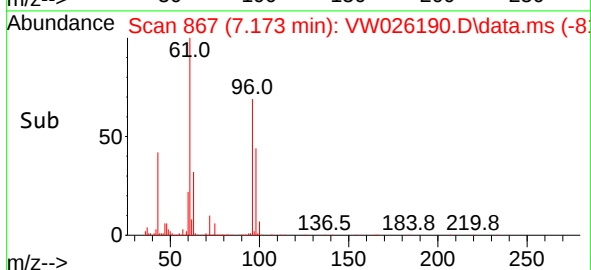
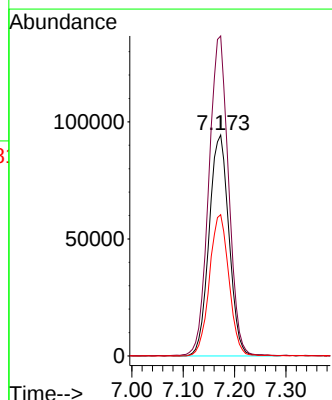
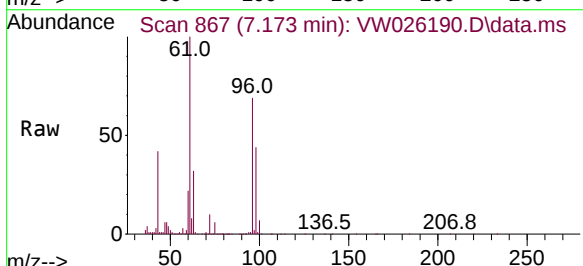
Tgt Ion: 96 Resp: 253569

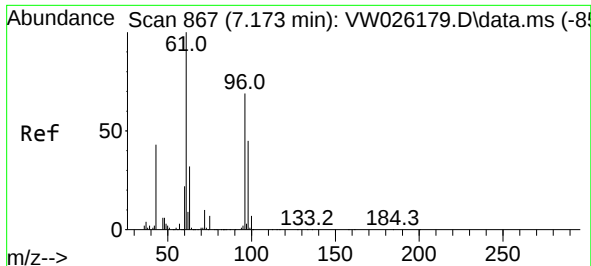
Ion Ratio Lower Upper

96 100

61 144.8 98.4 182.8

98 63.9 45.2 84.0

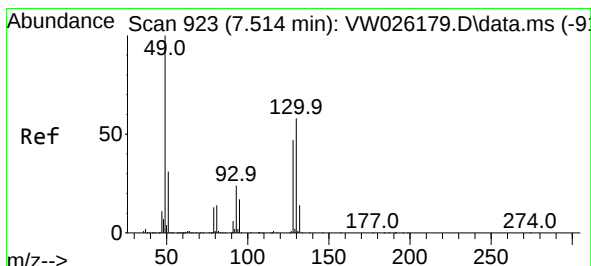
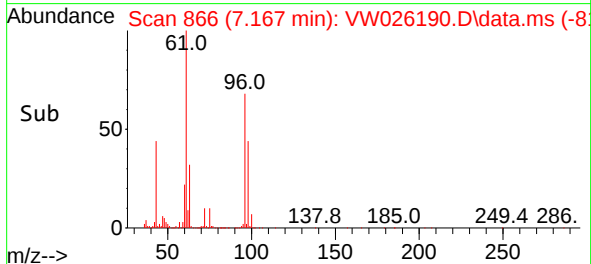
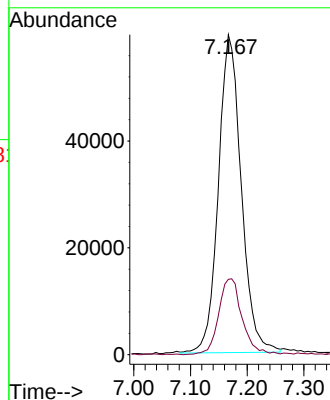
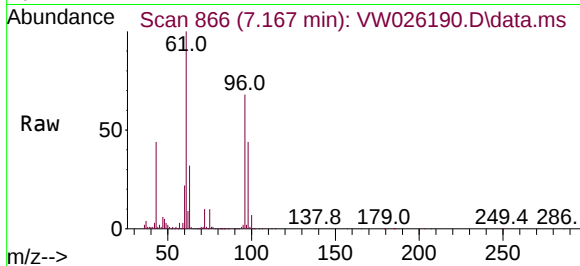




#22
2-Butanone
Concen: 55.398 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

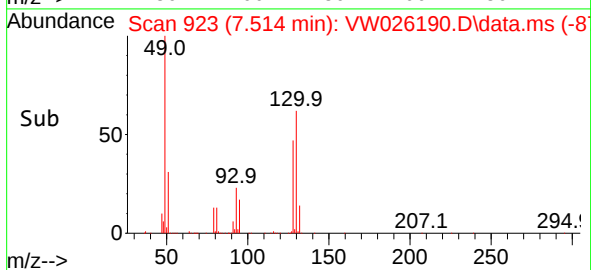
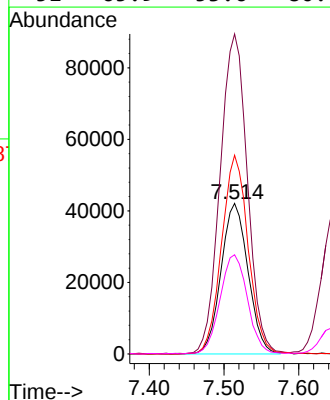
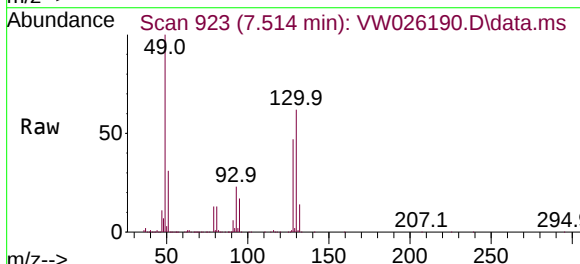
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

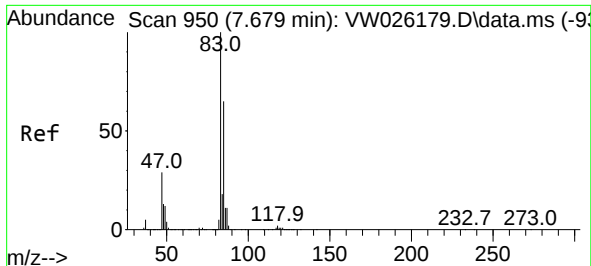
Tgt Ion: 43 Resp: 166317
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 24.678 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 128 Resp: 105759
Ion Ratio Lower Upper
128 100
49 212.5 140.6 261.0
130 132.0 86.0 159.6
51 65.9 53.6 80.4

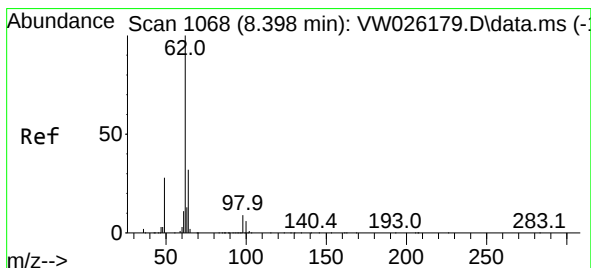
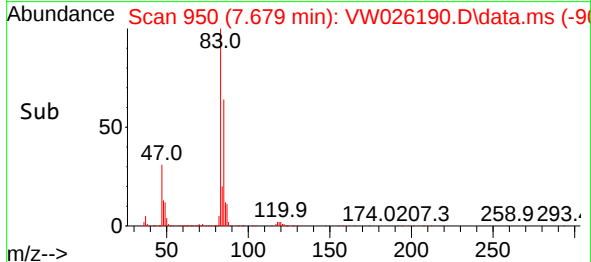
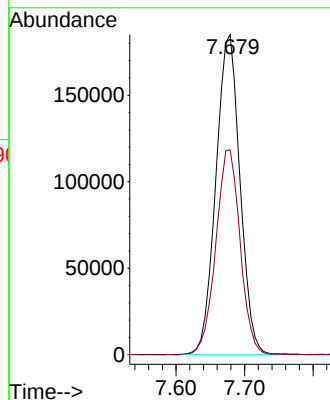
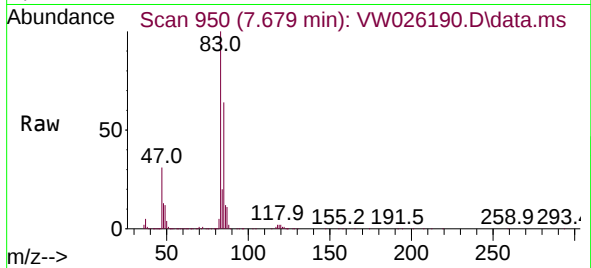




#25
Chloroform
Concen: 25.089 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

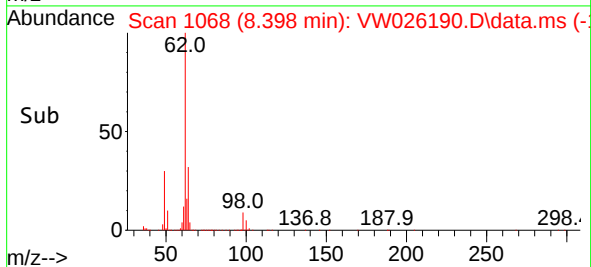
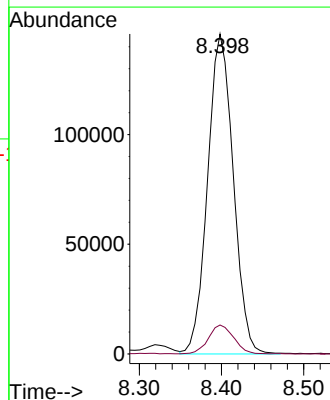
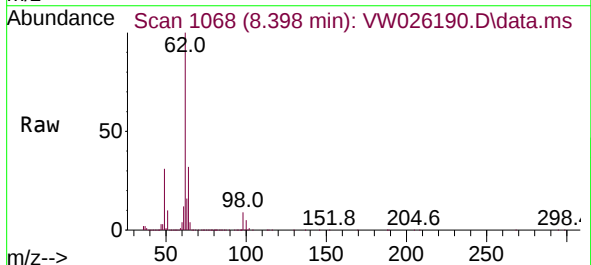
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

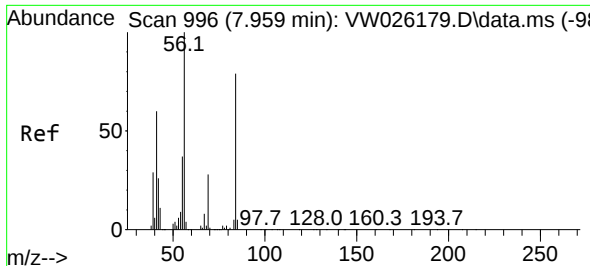
Tgt Ion: 83 Resp: 451320
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.517 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 62 Resp: 316586
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2

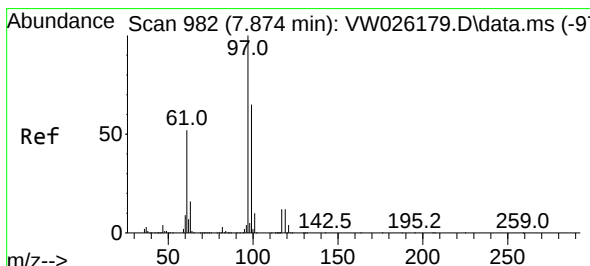
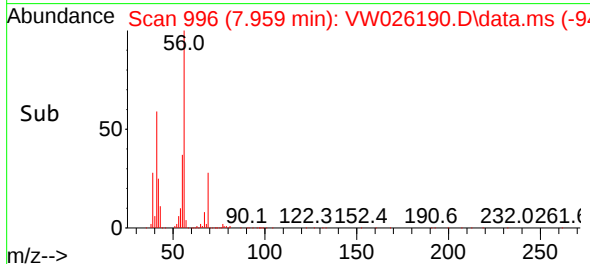
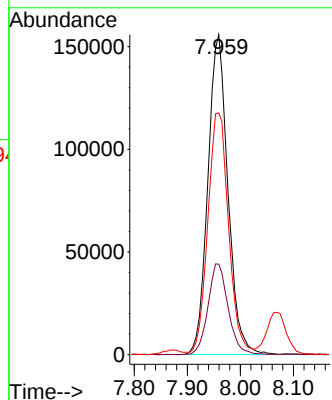
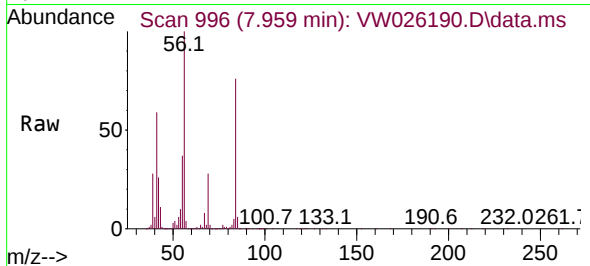




#29
Cyclohexane
Concen: 21.779 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

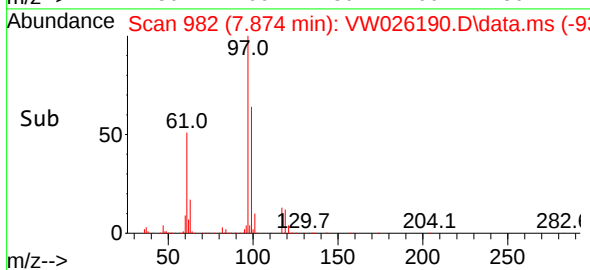
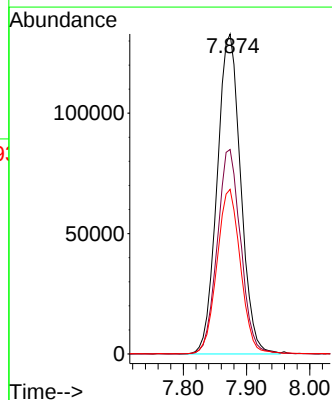
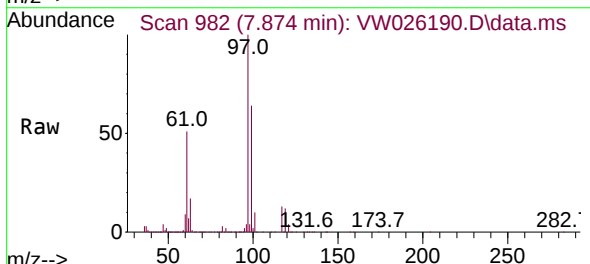
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

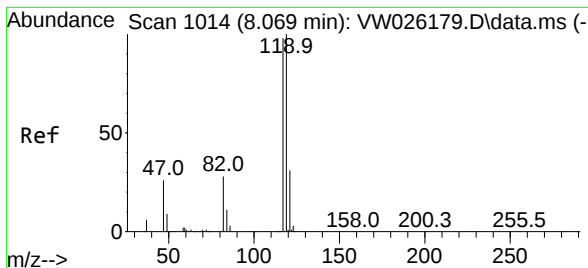
Tgt Ion: 56 Resp: 408540
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.5 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.301 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 97 Resp: 343578
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 51.4 40.5 60.7

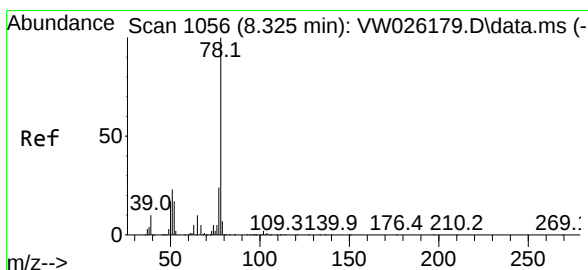
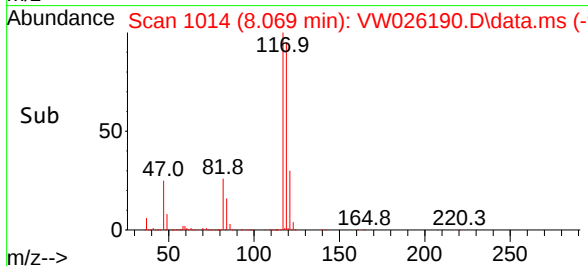
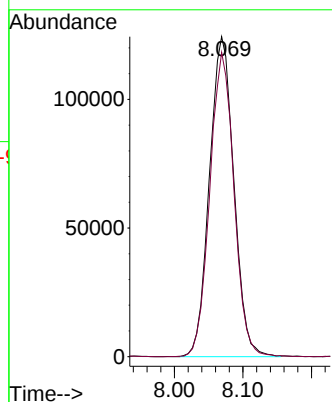
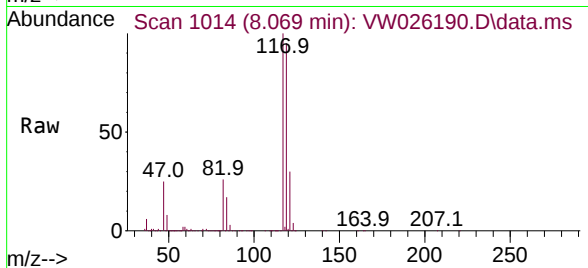




#31
Carbon tetrachloride
Concen: 22.839 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

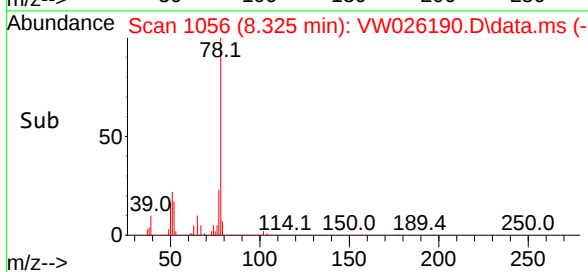
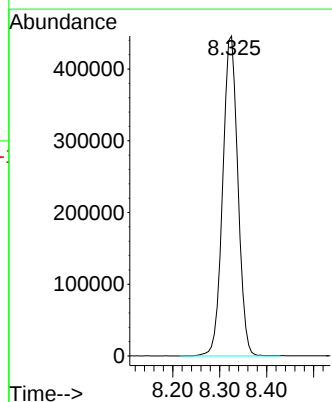
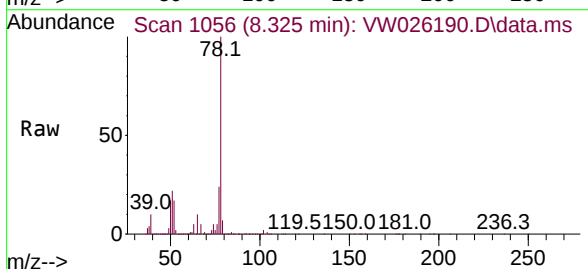
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

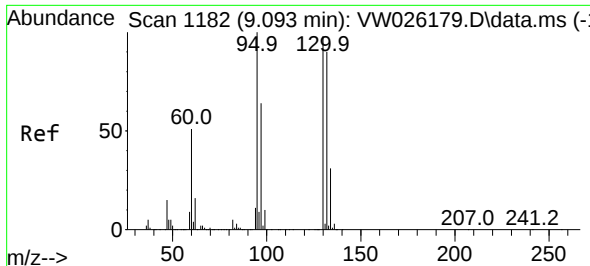
Tgt Ion:117 Resp: 307311
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2



#33
Benzene
Concen: 24.102 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 78 Resp: 1003185

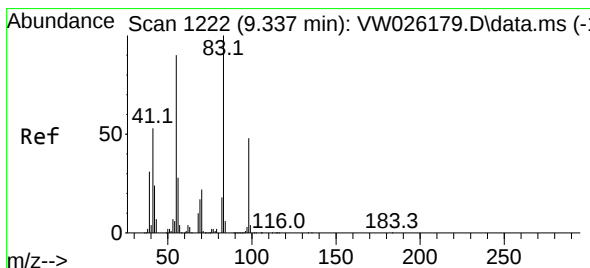
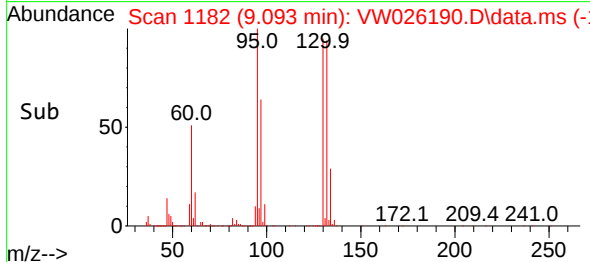
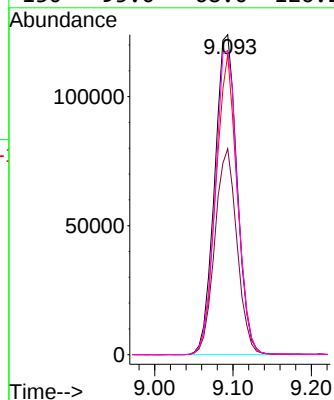
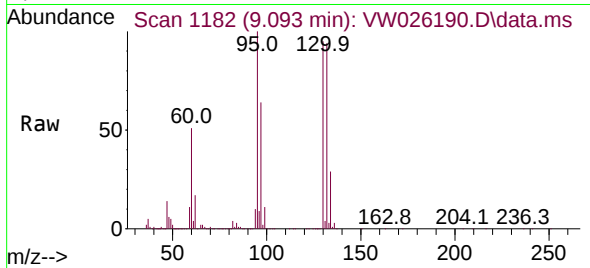




#34
Trichloroethene
Concen: 23.147 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

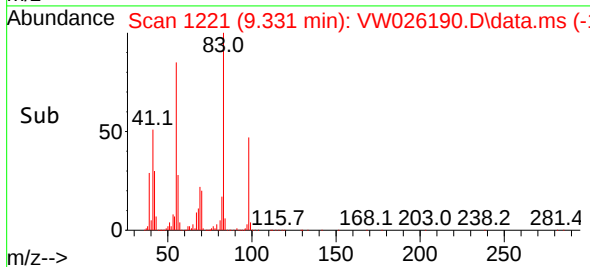
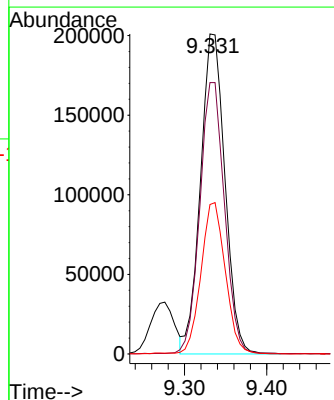
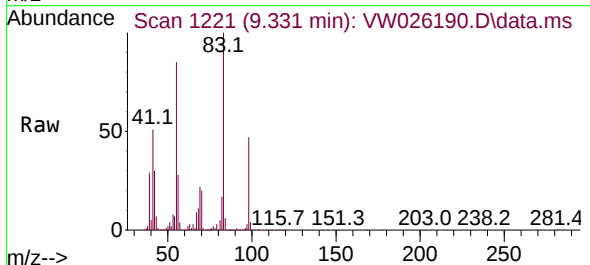
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

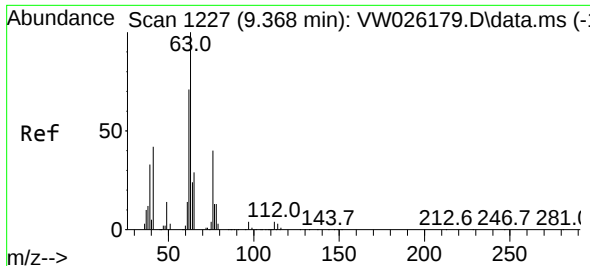
Tgt Ion: 95 Resp: 246701
Ion Ratio Lower Upper
95 100
97 64.3 45.9 85.3
132 93.7 67.1 124.7
130 95.0 68.0 126.2



#35
Methylcyclohexane
Concen: 22.053 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 83 Resp: 415898
Ion Ratio Lower Upper
83 100
55 85.2 68.2 102.4
98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.649 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

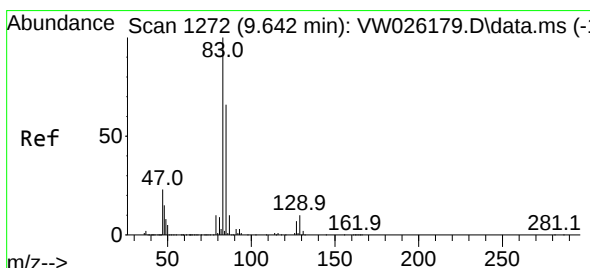
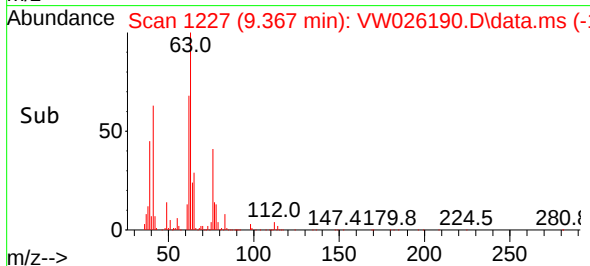
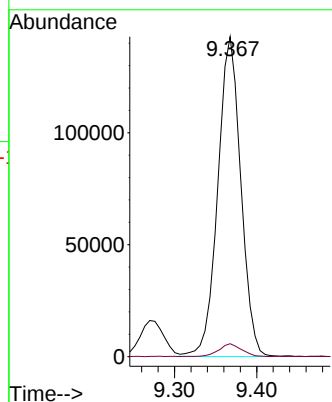
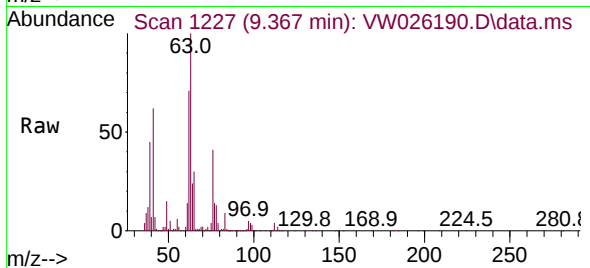
VSTD025518

Tgt Ion: 63 Resp: 277884

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 24.351 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

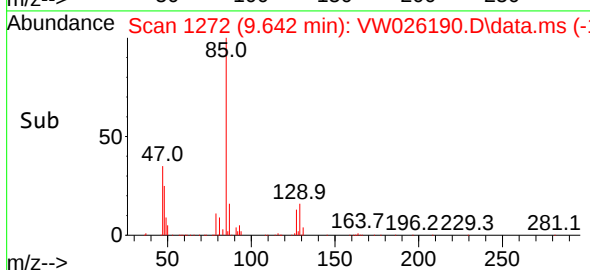
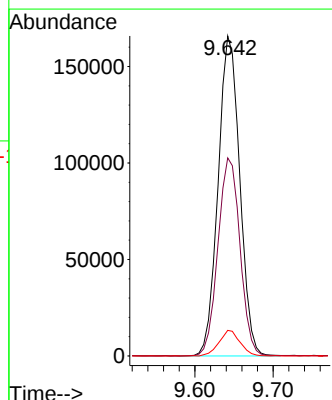
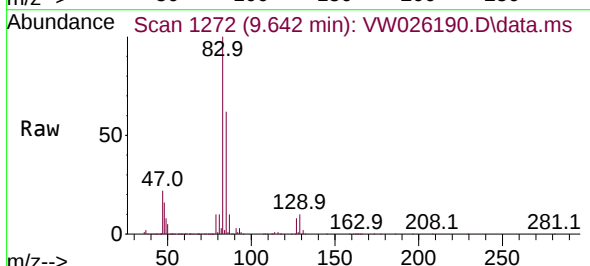
Tgt Ion: 83 Resp: 318938

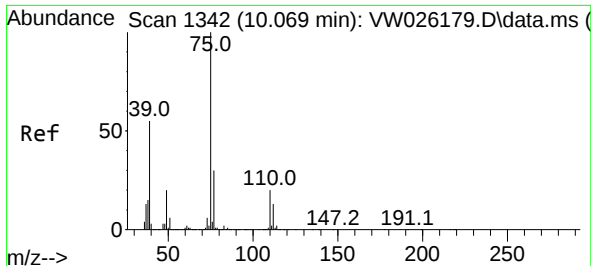
Ion Ratio Lower Upper

83 100

85 61.9 44.2 82.0

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.477 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

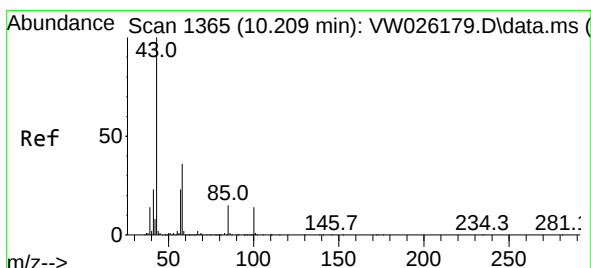
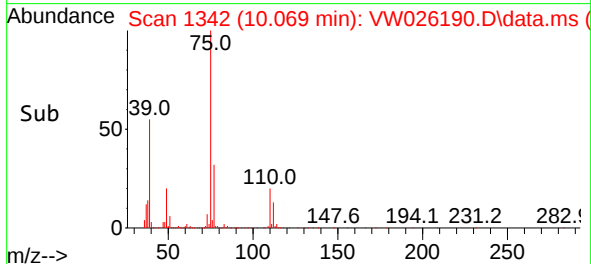
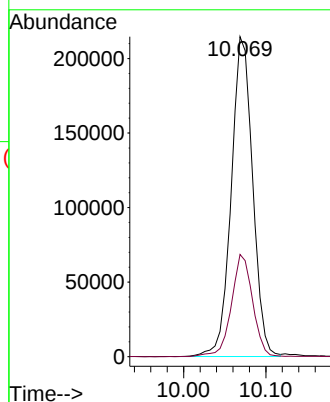
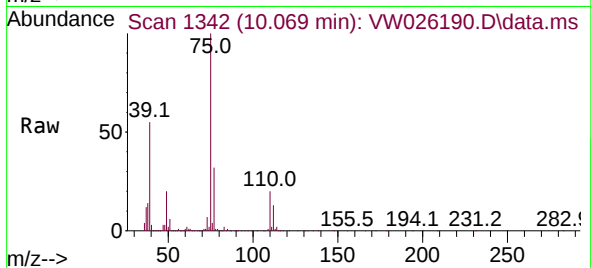
VSTD025518

Tgt Ion: 75 Resp: 388949

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.221 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

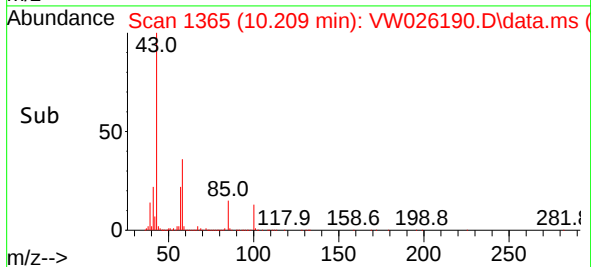
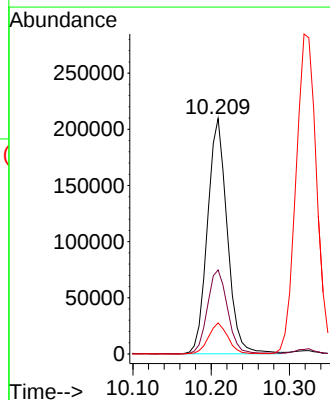
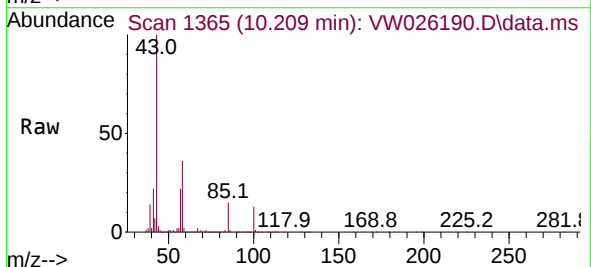
Tgt Ion: 43 Resp: 367030

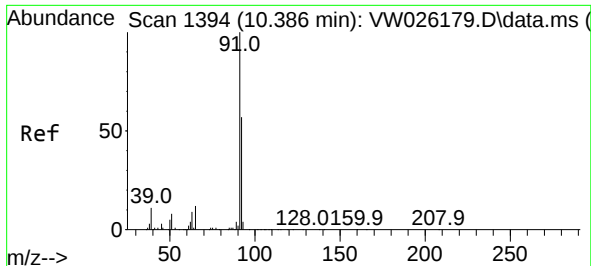
Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.4

100 13.1 10.5 15.7

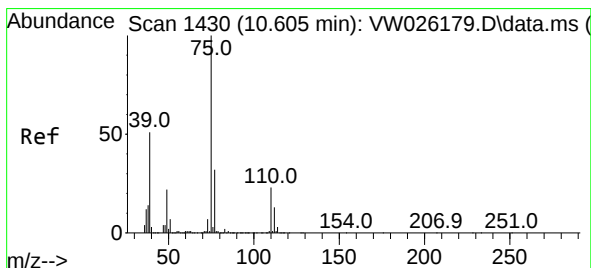
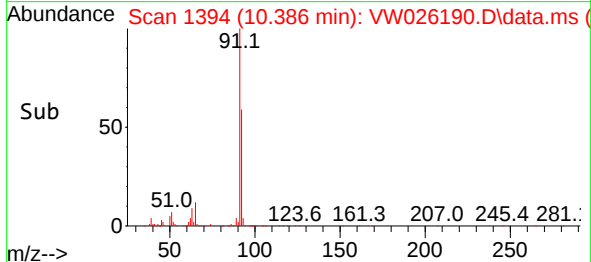
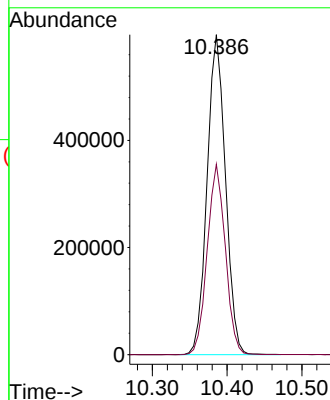
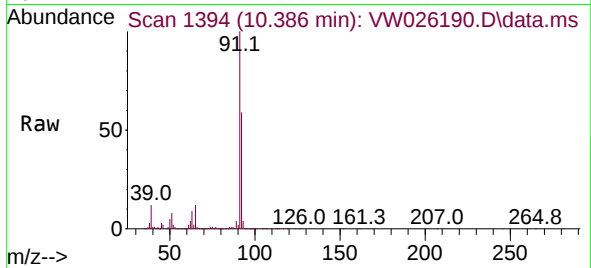




#42
Toluene
Concen: 23.927 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

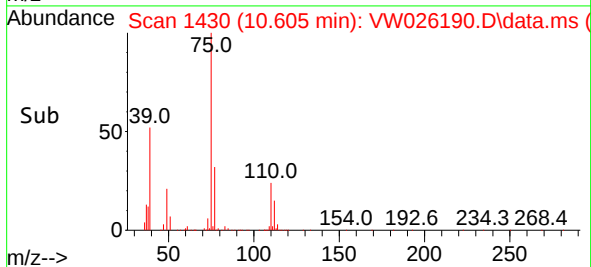
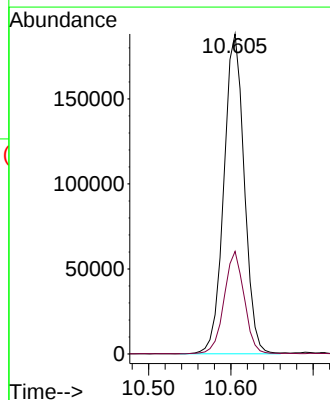
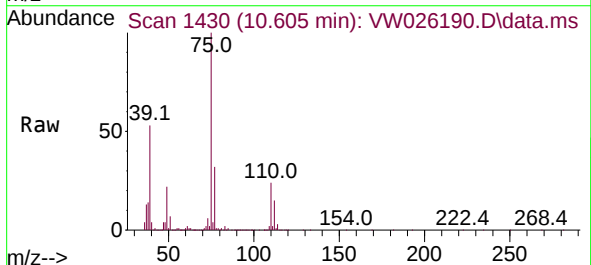
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

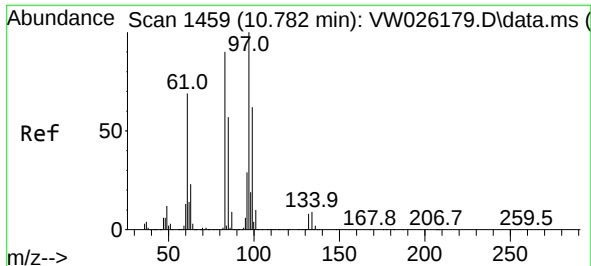
Tgt Ion: 91 Resp: 1018636
Ion Ratio Lower Upper
91 100
92 59.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 23.455 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 75 Resp: 323732
Ion Ratio Lower Upper
75 100
77 32.0 21.1 39.3



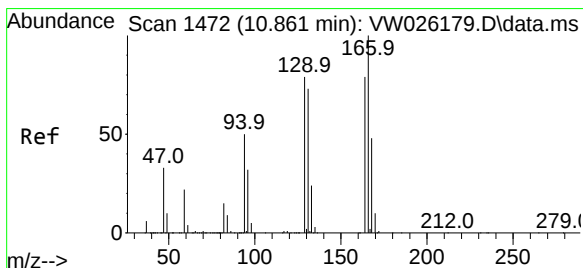
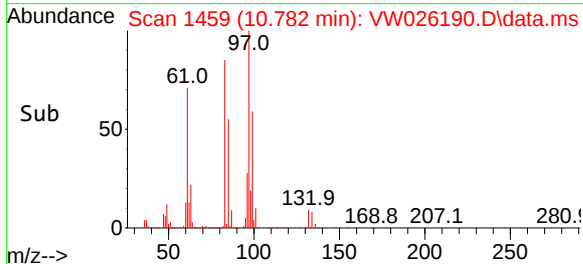
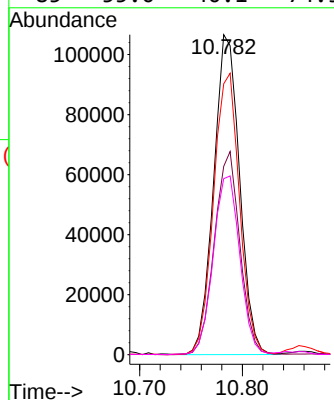
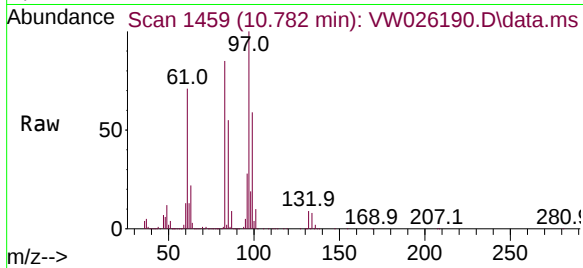


#45
1,1,2-Trichloroethane
Concen: 25.137 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Tgt Ion: 97 Resp: 186768

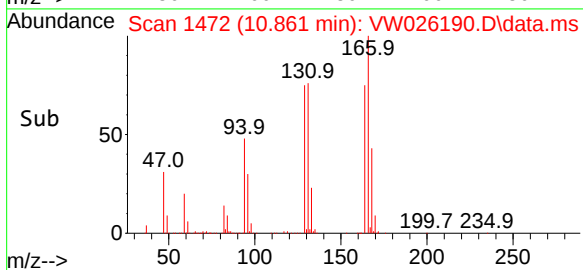
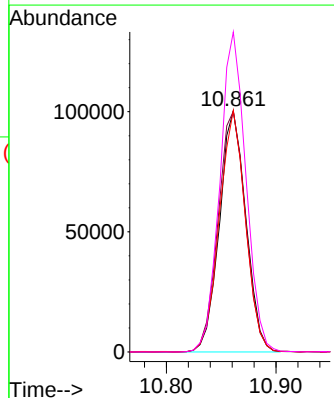
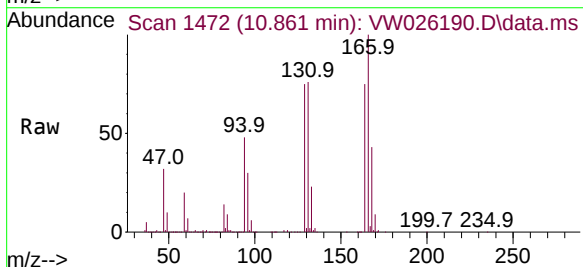
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.3	80.5
83	84.7	62.9	116.9
85	55.0	40.1	74.5

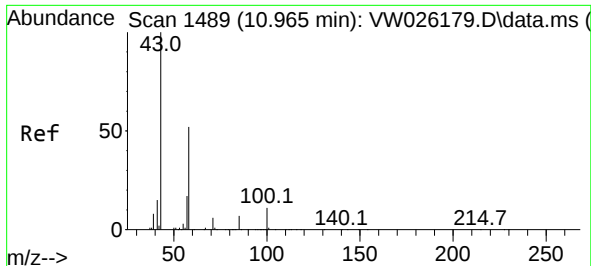


#46
Tetrachloroethene
Concen: 22.312 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 164 Resp: 168197

Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.5	127.1
131	100.3	67.1	124.7
166	132.8	94.1	174.8

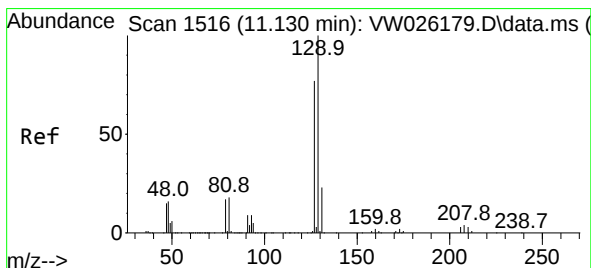
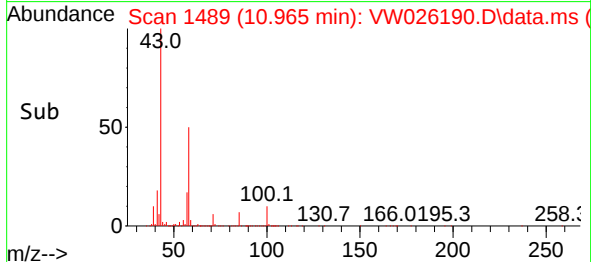
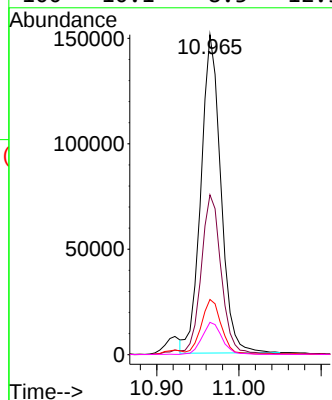
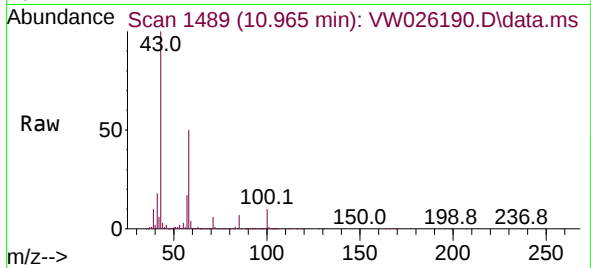




#48
2-Hexanone
Concen: 54.160 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

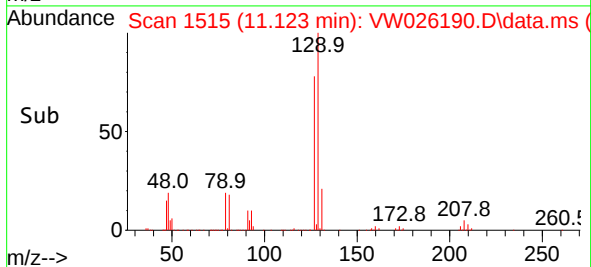
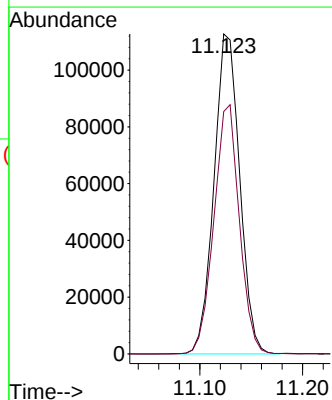
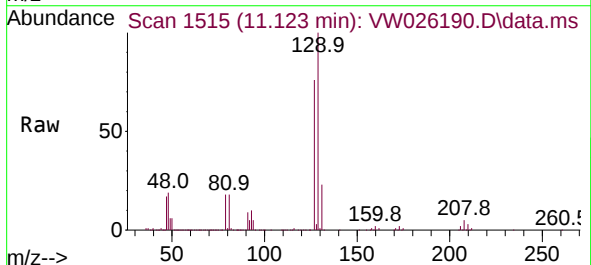
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

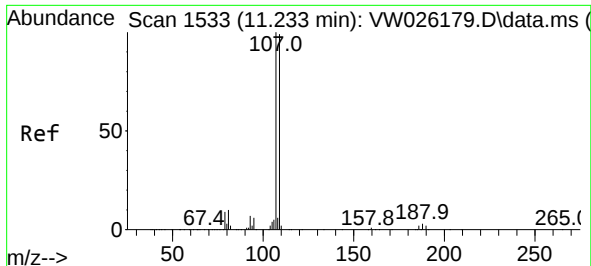
Tgt Ion:	43	Resp:	253822
Ion	Ratio	Lower	Upper
43	100		
58	49.2	42.2	63.2
57	17.3	14.2	21.2
100	10.1	8.3	12.5



#49
Dibromochloromethane
Concen: 25.143 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion:	129	Resp:	195866
Ion	Ratio	Lower	Upper
129	100		
127	75.7	56.9	105.7





#50

1,2-Dibromoethane

Concen: 24.574 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

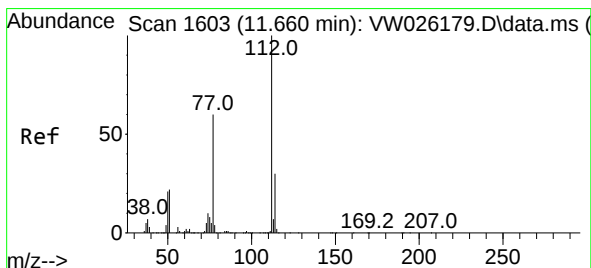
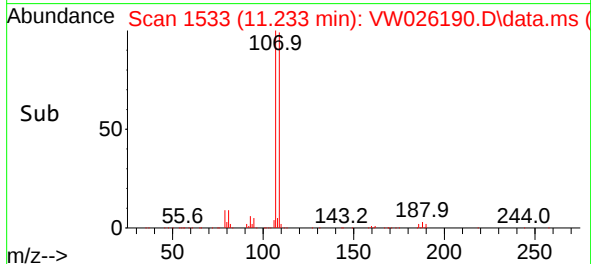
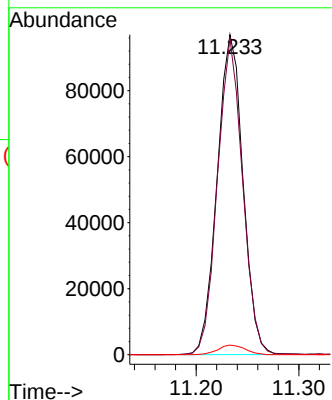
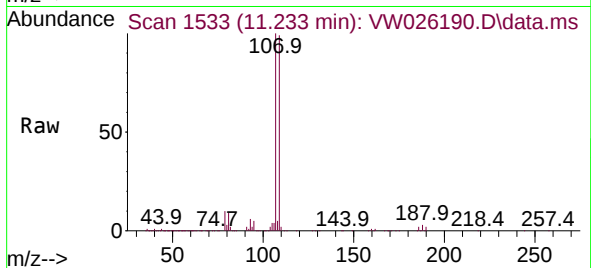
Tgt Ion:107 Resp: 169059

Ion Ratio Lower Upper

107 100

109 98.8 64.0 119.0

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 23.273 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

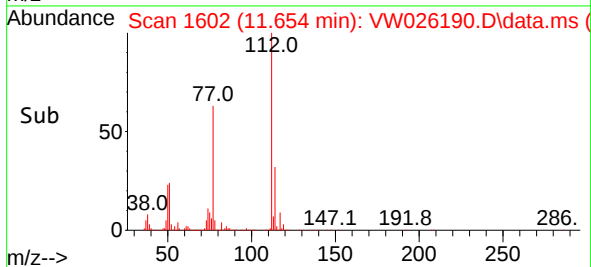
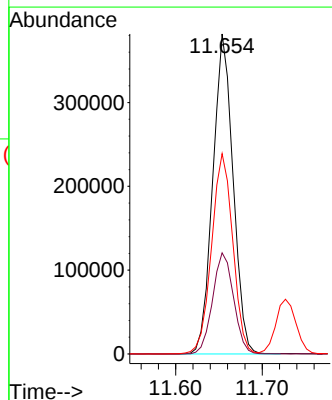
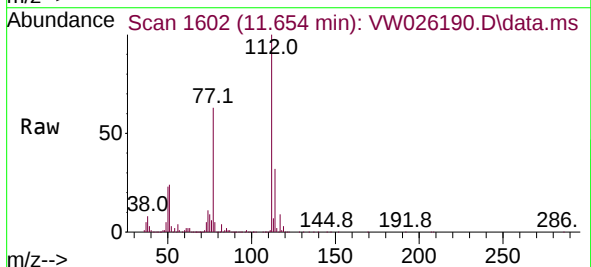
Tgt Ion:112 Resp: 620860

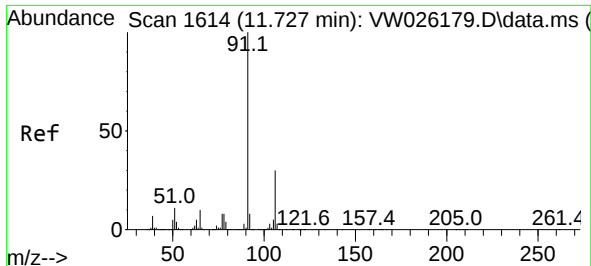
Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.6

77 62.6 50.9 76.3

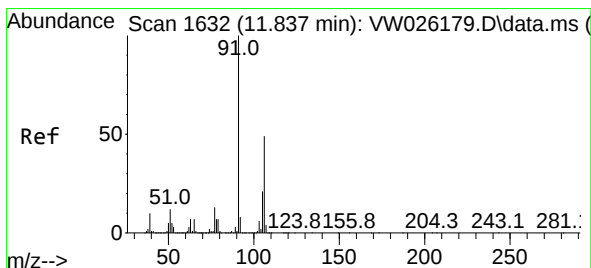
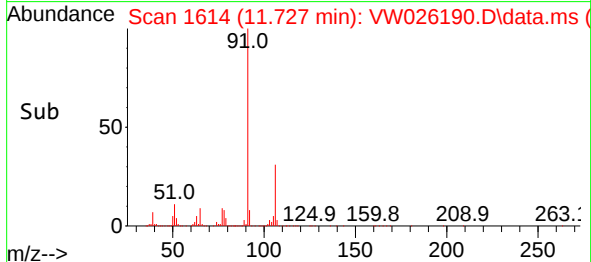
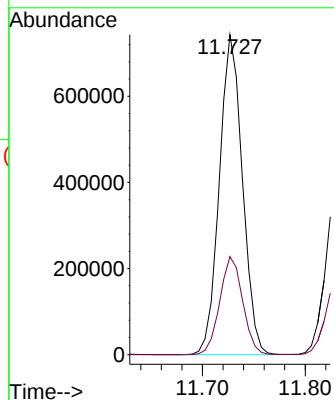
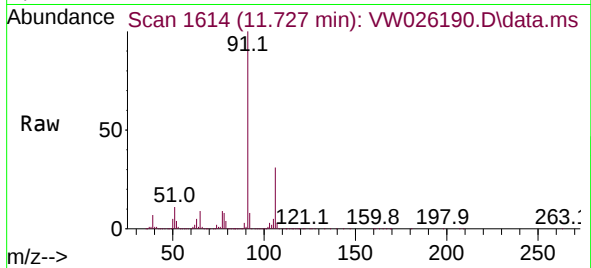




#52
Ethylbenzene
Concen: 24.074 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

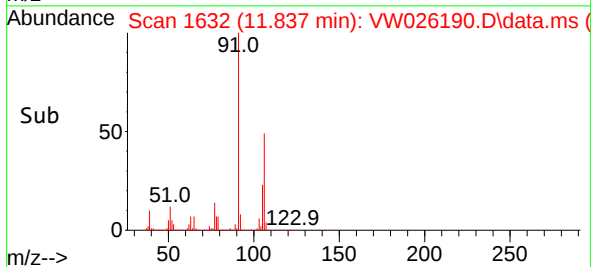
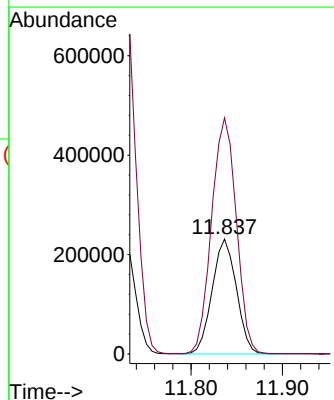
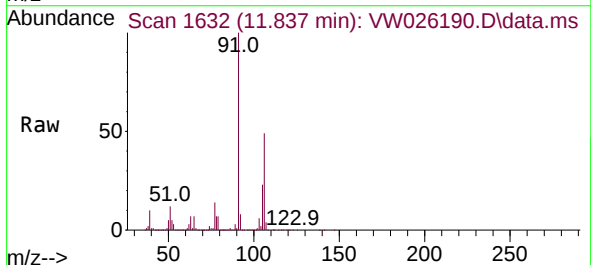
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

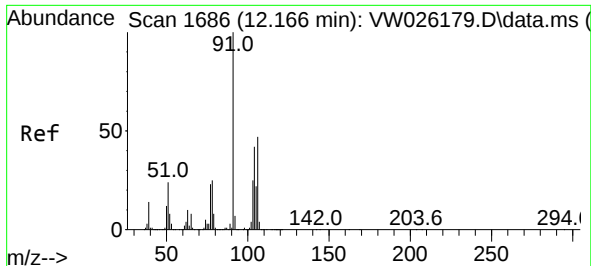
Tgt Ion: 91 Resp: 1156129
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 23.868 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion:106 Resp: 426423
Ion Ratio Lower Upper
106 100
91 205.5 149.5 277.7

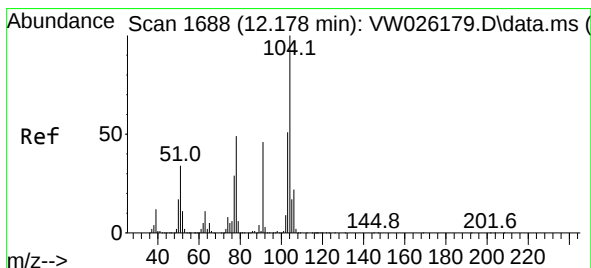
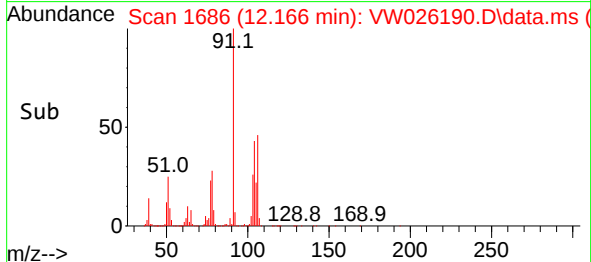
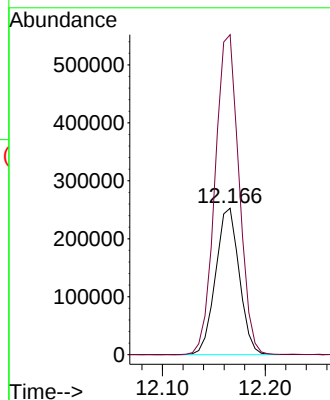
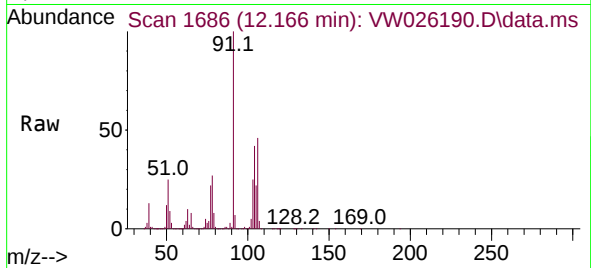




#54
o-Xylene
Concen: 23.966 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

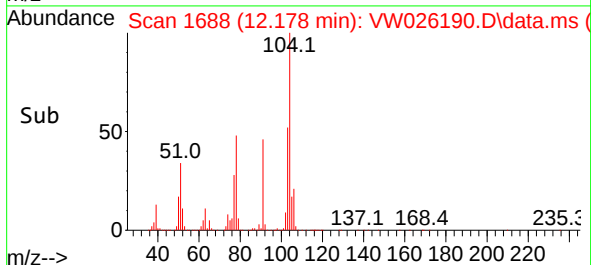
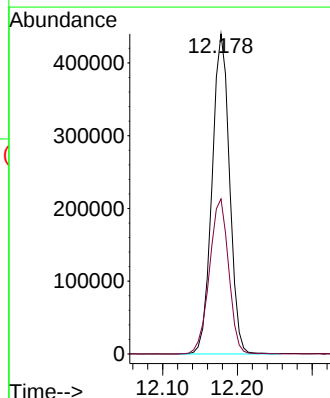
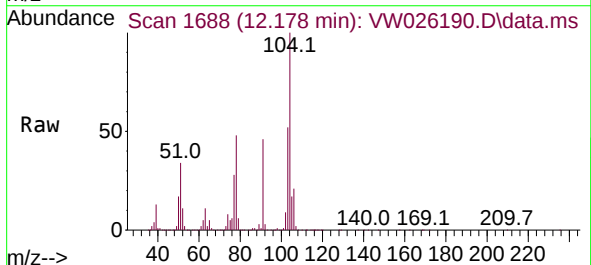
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

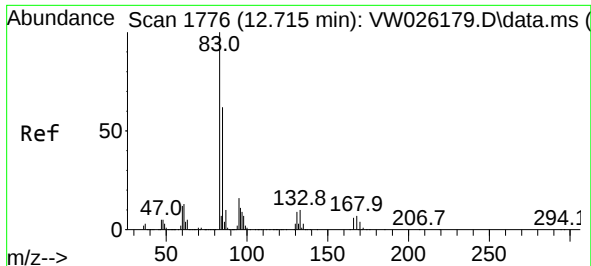
Tgt Ion:106 Resp: 404125
Ion Ratio Lower Upper
106 100
91 218.5 150.9 280.3



#55
Styrene
Concen: 24.713 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion:104 Resp: 714925
Ion Ratio Lower Upper
104 100
78 48.5 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 26.229 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

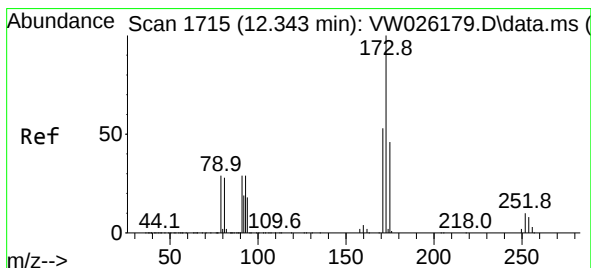
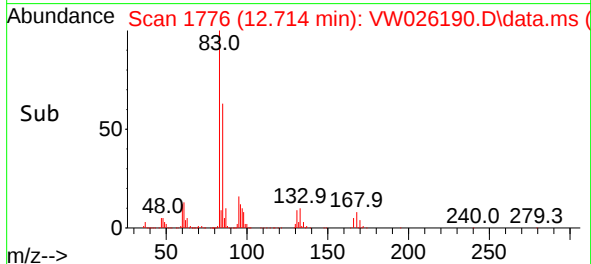
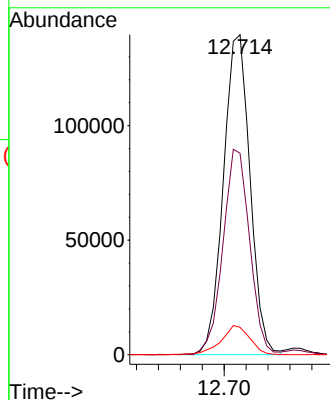
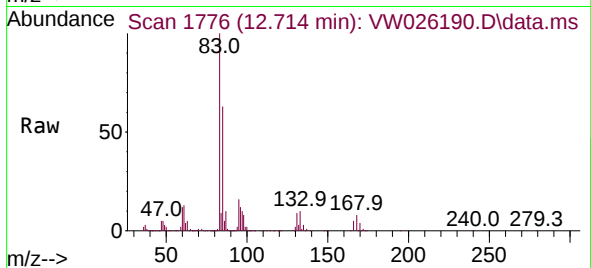
Tgt Ion: 83 Resp: 235848

Ion Ratio Lower Upper

83 100

85 62.9 42.6 79.0

131 8.6 7.2 10.8



#59

Bromoform

Concen: 23.325 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

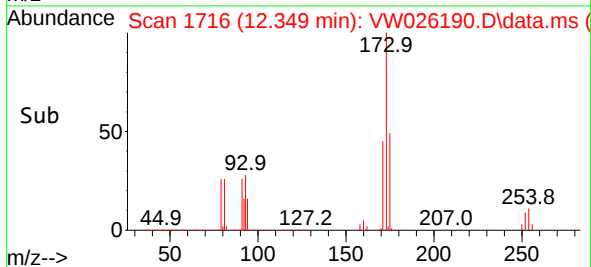
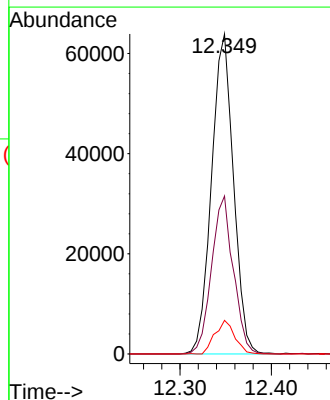
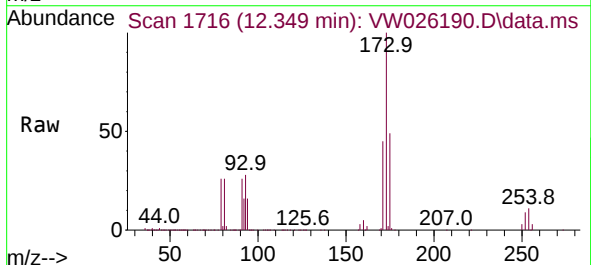
Tgt Ion:173 Resp: 106650

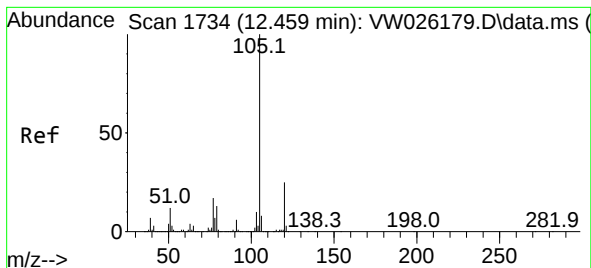
Ion Ratio Lower Upper

173 100

175 48.9 38.6 57.8

254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 23.108 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

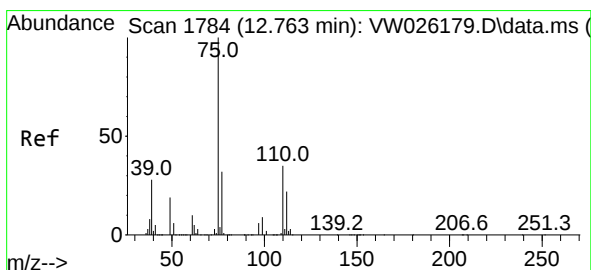
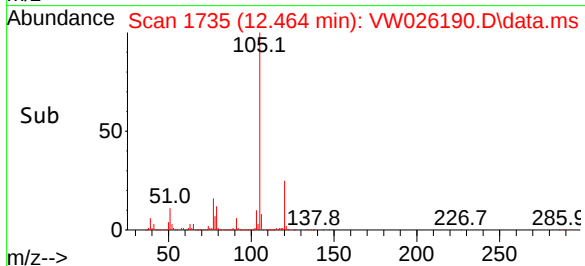
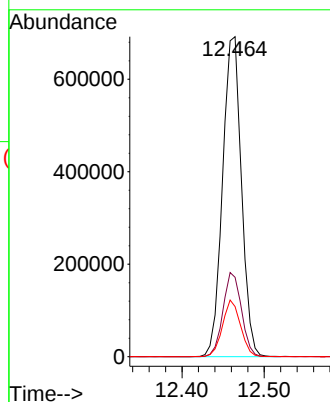
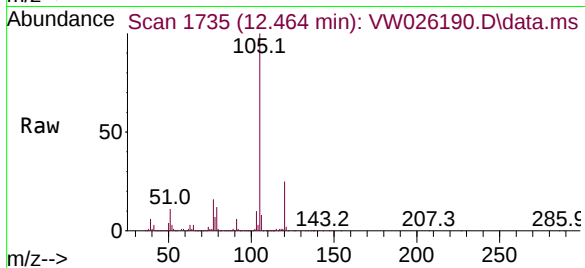
Tgt Ion:105 Resp: 1105080

Ion Ratio Lower Upper

105 100

120 25.8 19.8 29.8

77 16.9 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 24.623 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

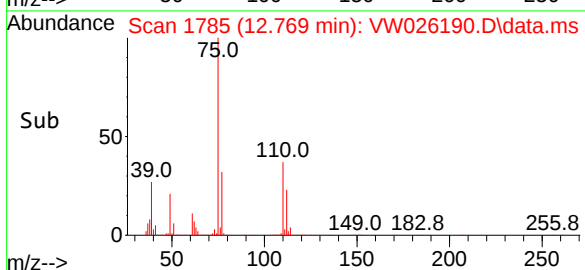
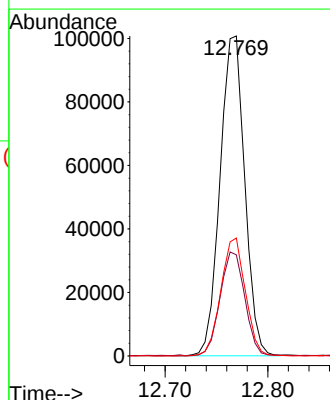
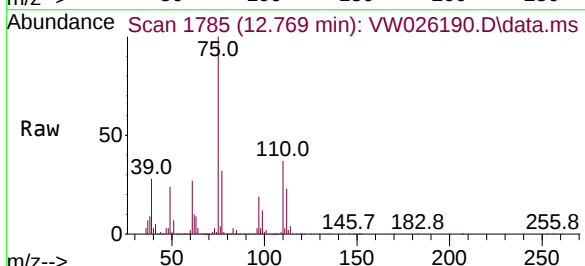
Tgt Ion: 75 Resp: 167904

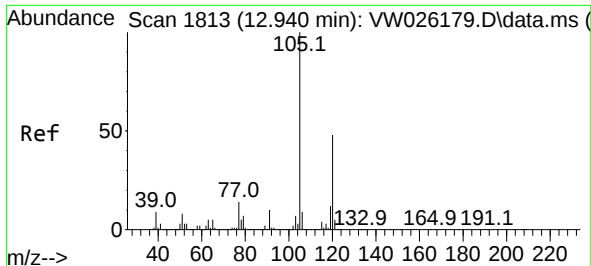
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 36.7 28.7 43.1

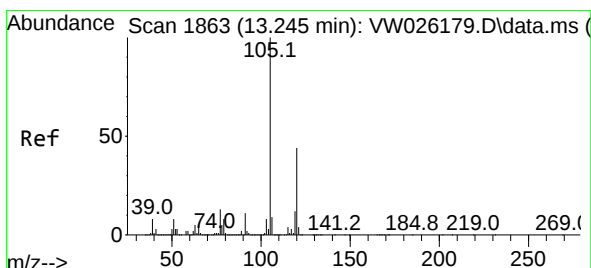
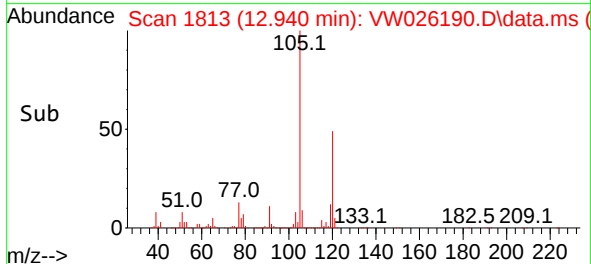
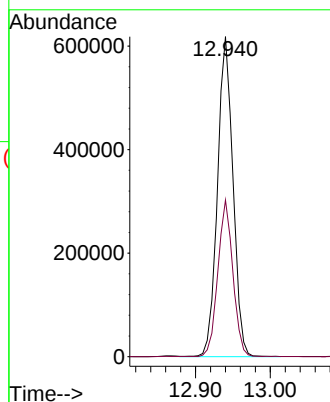
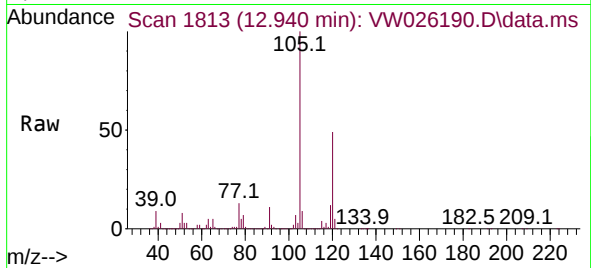




#62
 1,3,5-Trimethylbenzene
 Concen: 23.473 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

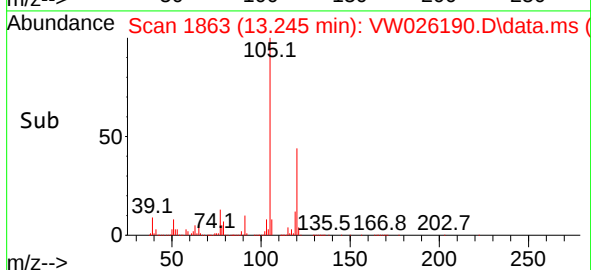
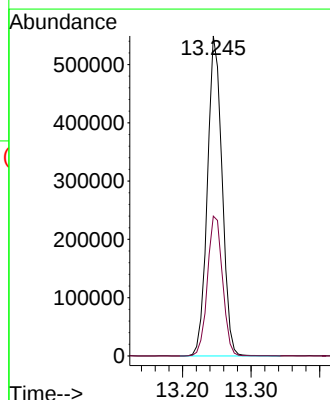
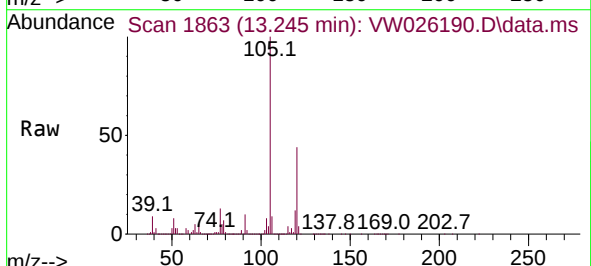
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

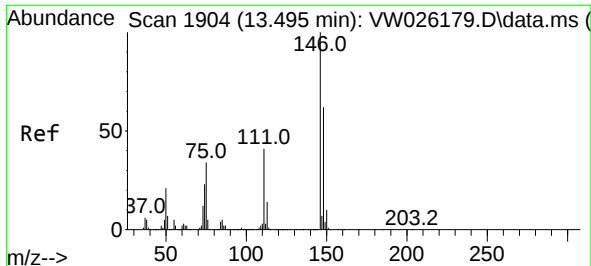
Tgt Ion:105 Resp: 892378
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.479 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

Tgt Ion:105 Resp: 817555
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

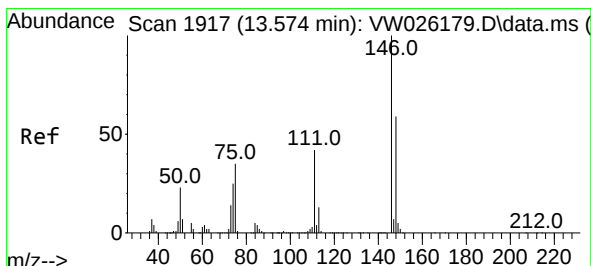
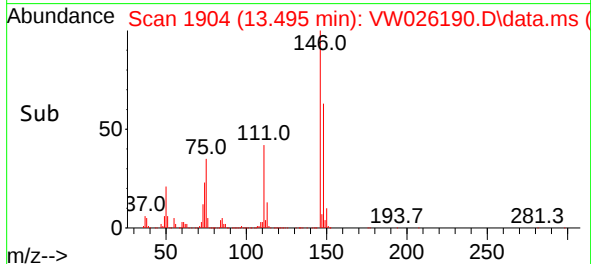
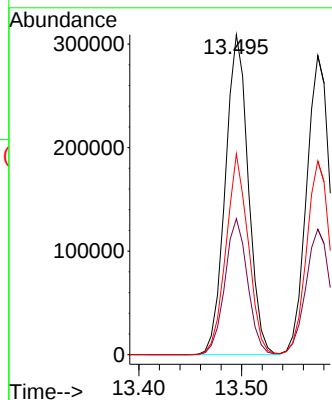
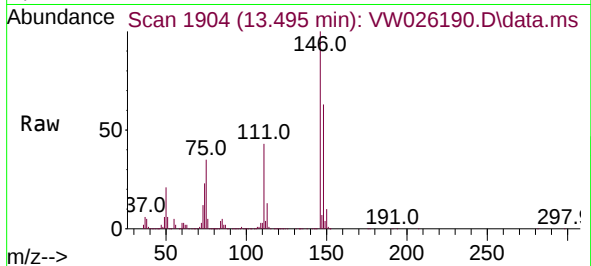




#64
1,3-Dichlorobenzene
Concen: 23.860 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

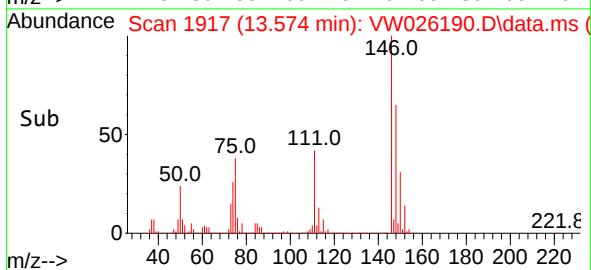
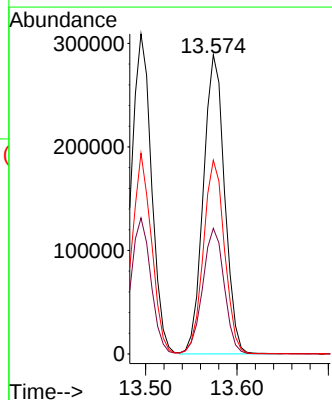
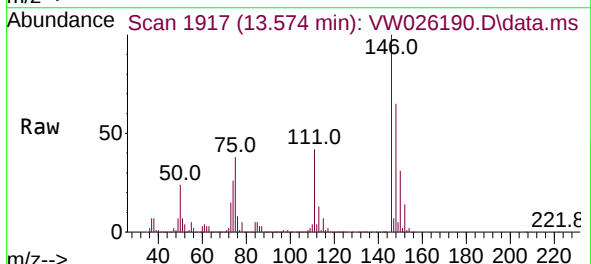
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

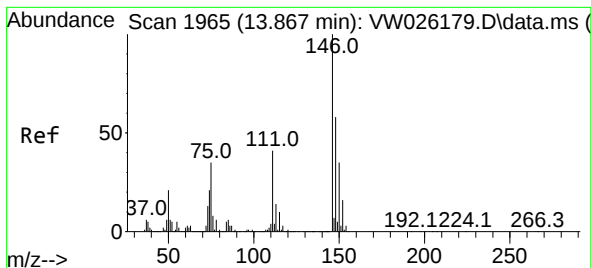
Tgt Ion:146 Resp: 479767
Ion Ratio Lower Upper
146 100
111 42.5 29.7 55.1
148 62.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 22.996 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion:146 Resp: 465531
Ion Ratio Lower Upper
146 100
111 42.0 29.2 54.2
148 64.7 42.8 79.6

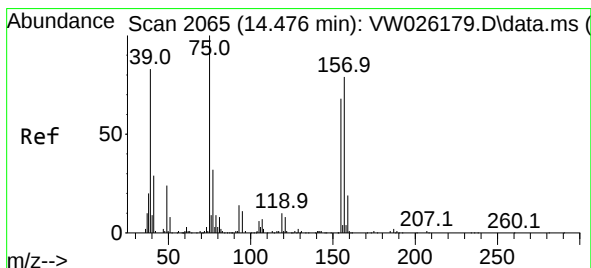
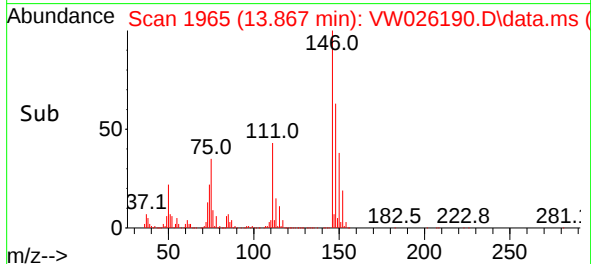
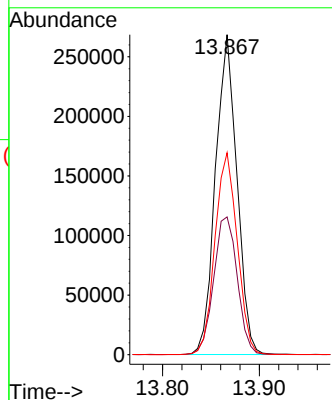
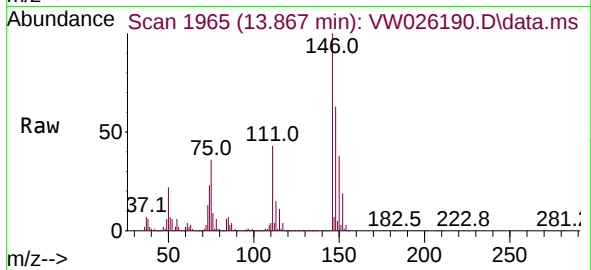




#67
1,2-Dichlorobenzene
Concen: 22.923 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

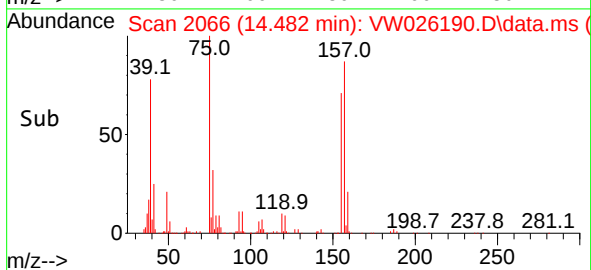
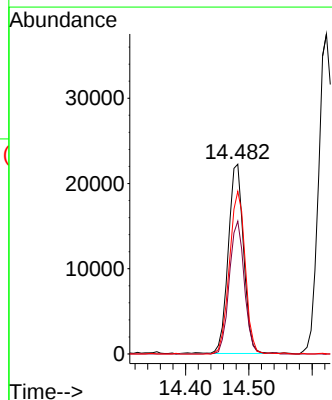
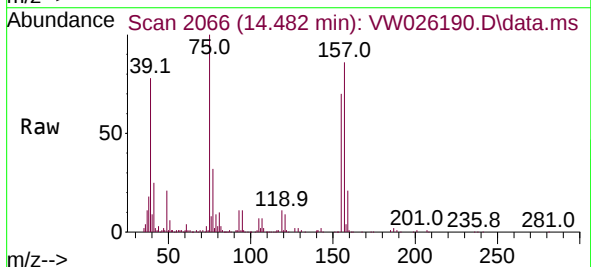
Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

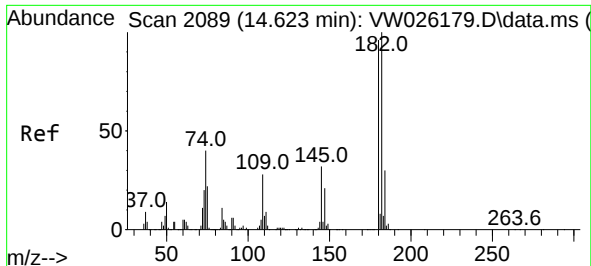
Tgt Ion:146 Resp: 413914
Ion Ratio Lower Upper
146 100
111 43.0 35.4 53.0
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.729 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW026190.D
Acq: 14 Jun 2023 20:03

Tgt Ion: 75 Resp: 37490
Ion Ratio Lower Upper
75 100
155 70.0 59.0 88.6
157 85.7 71.7 107.5

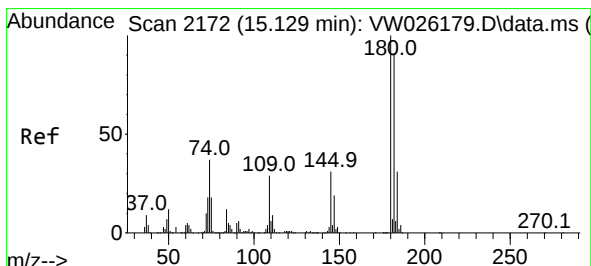
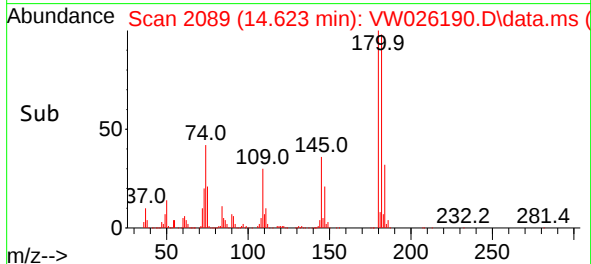
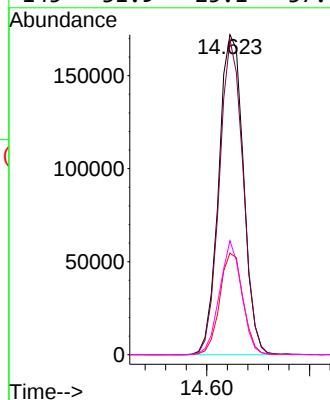
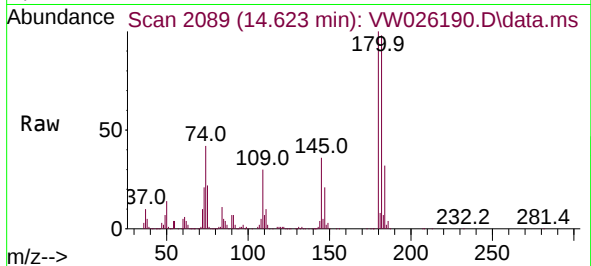




#69
 1,3,5-Trichlorobenzene
 Concen: 20.729 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

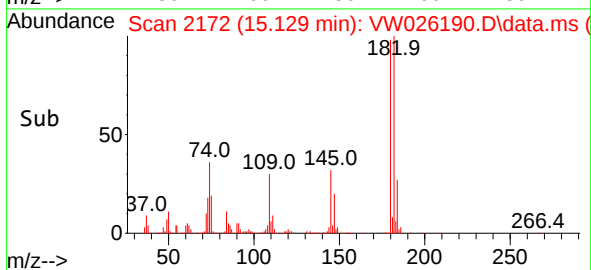
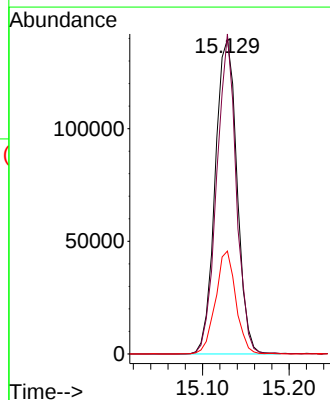
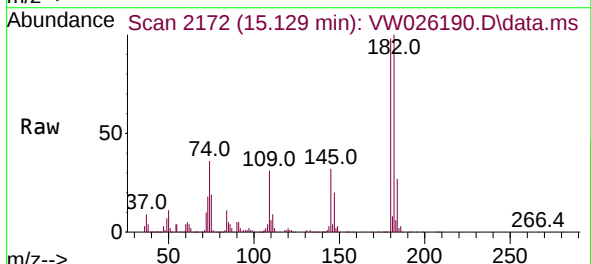
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

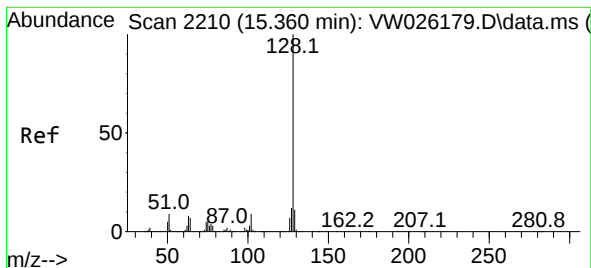
Tgt Ion:	180	Resp:	286329
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.4
184	30.1	23.7	35.5
145	31.9	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 21.413 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW026190.D
 Acq: 14 Jun 2023 20:03

Tgt Ion:	180	Resp:	244055
Ion Ratio	Lower	Upper	
180	100		
182	91.1	78.9	118.3
145	30.4	27.2	40.8





#71

Naphthalene

Concen: 23.808 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025518

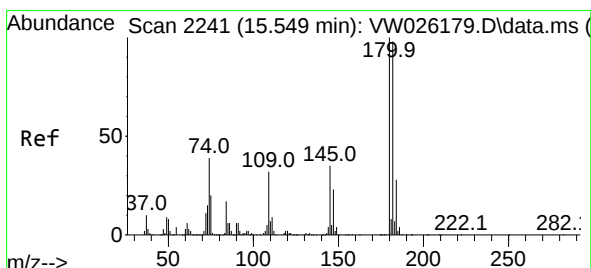
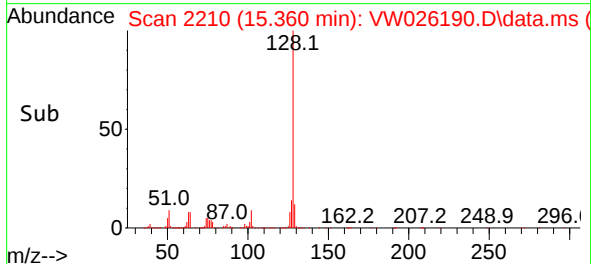
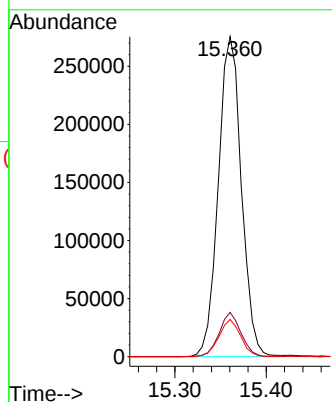
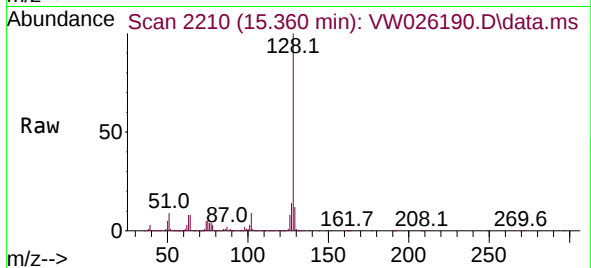
Tgt Ion:128 Resp: 483625

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.613 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026190.D

Acq: 14 Jun 2023 20:03

Tgt Ion:180 Resp: 225249

Ion Ratio Lower Upper

180 100

182 91.1 76.3 114.5

145 33.3 27.0 40.6

