

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026132.D
 Acq On : 08 Jun 2023 13:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Jun 09 01:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:23:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	771890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	704991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	340751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	280261	25.809	ug/L	0.01
Spiked Amount 25.000	Range 30	- 150	Recovery	= 103.240%		
7) Chloroethane-d5	2.905	69	231631	28.495	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 114.000%		
11) 1,1-Dichloroethene-d2	4.021	65	134351	25.092	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 100.360%		
21) 2-Butanone-d5	7.075	46	171443	54.230	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 108.460%		
24) Chloroform-d	7.648	84	570525	25.240	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 100.960%		
26) 1,2-Dichloroethane-d4	8.307	65	306544	24.801	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 99.200%		
32) Benzene-d6	8.276	84	1149468	24.231	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 96.920%		
36) 1,2-Dichloropropane-d6	9.276	67	369908	24.613	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 98.440%		
41) Toluene-d8	10.319	98	1014641	24.118	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 96.480%		
43) trans-1,3-Dichloroprop...	10.575	79	135888	22.817	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 91.280%		
47) 2-Hexanone-d5	10.922	63	122581	51.728	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 103.460%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278025	25.422	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 101.680%		
66) 1,2-Dichlorobenzene-d4	13.854	152	306141	23.473	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 93.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	247005	26.104	ug/L	99
3) Chloromethane	2.228	50	322920	26.615	ug/L	96
5) Vinyl chloride	2.381	62	350550	27.030	ug/L	98
6) Bromomethane	2.795	94	189720	26.834	ug/L	97
8) Chloroethane	2.942	64	206890	29.521	ug/L	96
9) Trichlorofluoromethane	3.271	101	217941	26.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	279439	26.542	ug/L	97
12) 1,1-Dichloroethene	4.045	96	261612	26.620	ug/L	88
13) Acetone	4.131	43	119445	48.829	ug/L	99
14) Carbon disulfide	4.393	76	872883	25.160	ug/L	100
15) Methyl Acetate	4.673	43	143042	26.054	ug/L	99
16) Methylene chloride	4.917	84	290833	23.607	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	275445	24.980	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	418108	24.059	ug/L	100
19) 1,1-Dichloroethane	6.222	63	569207	25.356	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	300190	25.702	ug/L	97
22) 2-Butanone	7.173	43	182268	52.234	ug/L	98
23) Bromochloromethane	7.514	128	124276	24.949	ug/L	95
25) Chloroform	7.679	83	524592	25.090	ug/L	98

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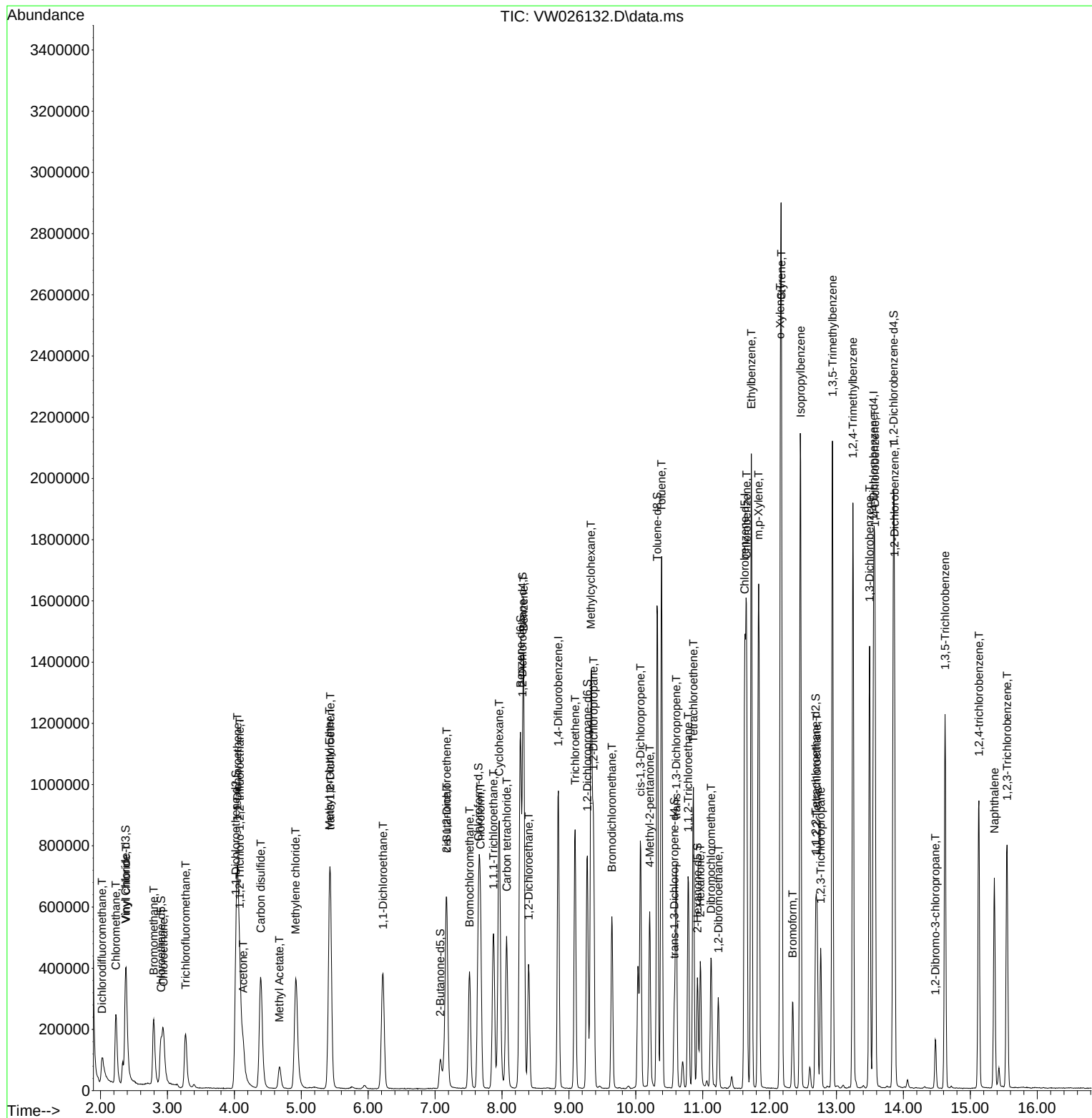
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	362561	25.142	ug/L	100
29) Cyclohexane	7.959	56	528767	24.294	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	408707	23.889	ug/L	98
31) Carbon tetrachloride	8.069	117	378905	24.270	ug/L	94
33) Benzene	8.325	78	1192840	24.700	ug/L	100
34) Trichloroethene	9.093	95	296026	23.938	ug/L	99
35) Methylcyclohexane	9.331	83	528361	24.146	ug/L	99
37) 1,2-Dichloropropane	9.367	63	322937	24.688	ug/L	100
38) Bromodichloromethane	9.642	83	371451	24.442	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	474050	24.661	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	402110	52.141	ug/L	99
42) Toluene	10.386	91	1209469	24.485	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	389972	24.351	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	214323	24.861	ug/L	97
46) Tetrachloroethene	10.861	164	211779	24.212	ug/L	86
48) 2-Hexanone	10.965	43	276199	50.794	ug/L	99
49) Dibromochloromethane	11.123	129	222762	24.645	ug/L	94
50) 1,2-Dibromoethane	11.233	107	198069	24.813	ug/L	100
51) Chlorobenzene	11.654	112	736053	23.779	ug/L	99
52) Ethylbenzene	11.727	91	1380547	24.776	ug/L	97
53) m,p-Xylene	11.837	106	510706	24.637	ug/L	92
54) o-Xylene	12.160	106	479200	24.493	ug/L	98
55) Styrene	12.178	104	832781	24.811	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	260554	24.974	ug/L	97
59) Bromoform	12.343	173	126229	24.664	ug/L	100
60) Isopropylbenzene	12.464	105	1315054	24.567	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	188420	24.686	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1056744	24.833	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	982444	25.207	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543871	24.164	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	549039	24.230	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	491690	24.328	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	42474	24.018	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	345017	22.316	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	276297	21.658	ug/L	95
71) Naphthalene	15.360	128	544543	23.949	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	248002	22.243	ug/L	99

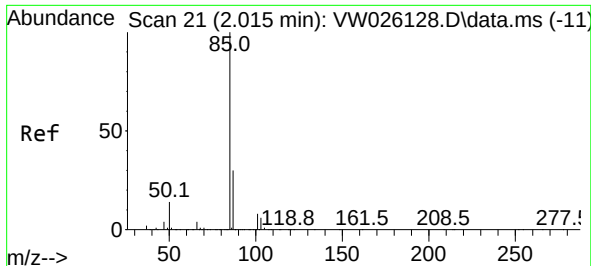
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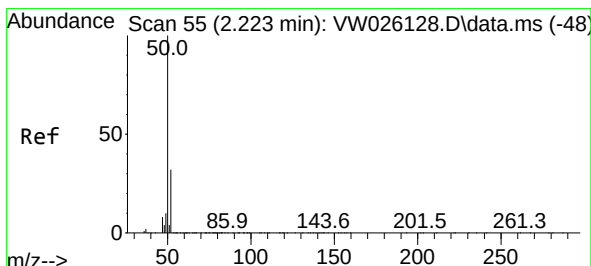
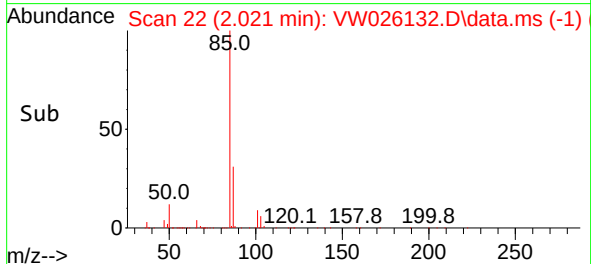
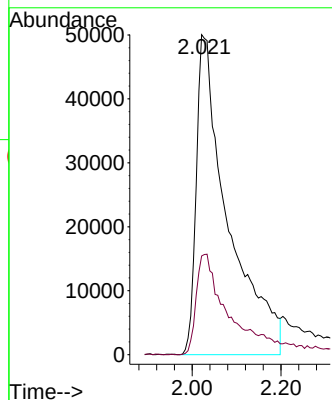
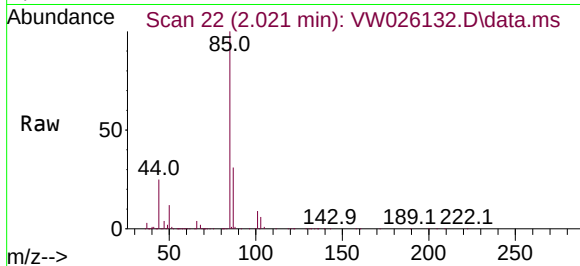




#2
Dichlorodifluoromethane
Concen: 26.104 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

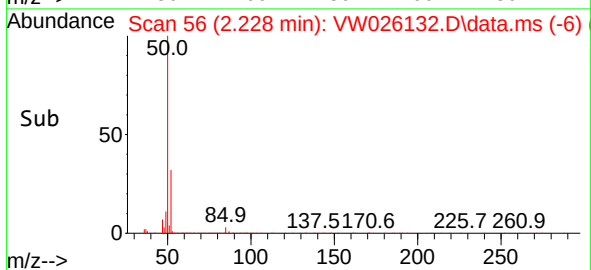
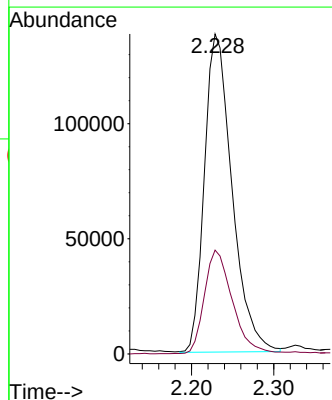
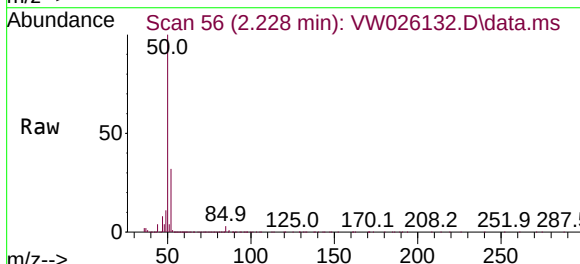
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MSVOA_W
ClientSampleId :
VSTD025511

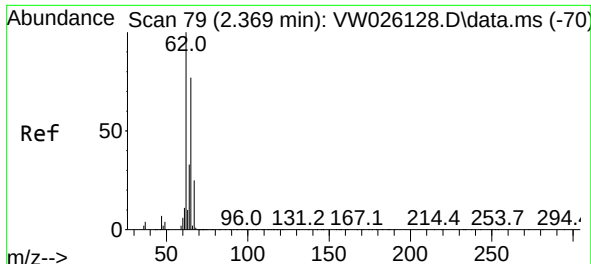
Tgt Ion: 85 Resp: 247005
Ion Ratio Lower Upper
85 100
87 26.9 22.2 33.2



#3
Chloromethane
Concen: 26.615 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 50 Resp: 322920
Ion Ratio Lower Upper
50 100
52 32.5 21.3 39.6

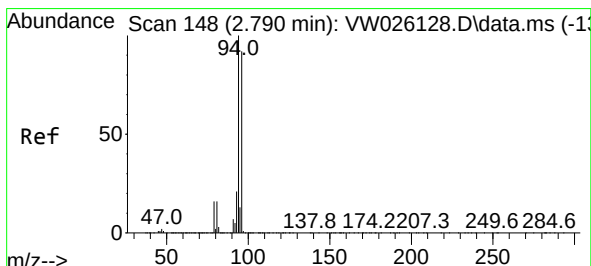
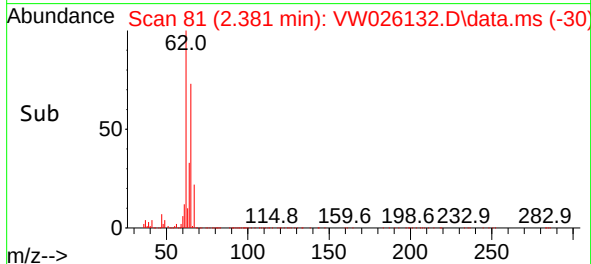
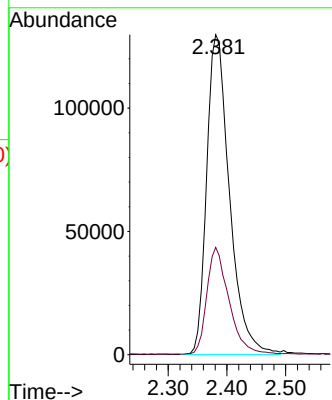
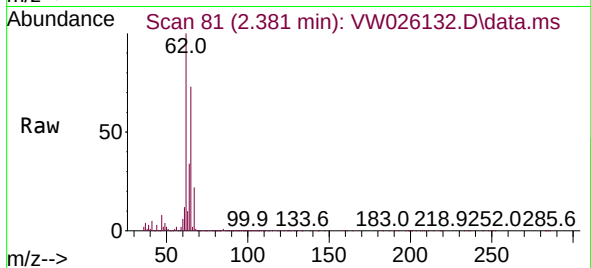




#5
 Vinyl chloride
 Concen: 27.030 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VW026132.D
 Acq: 08 Jun 2023 13:33

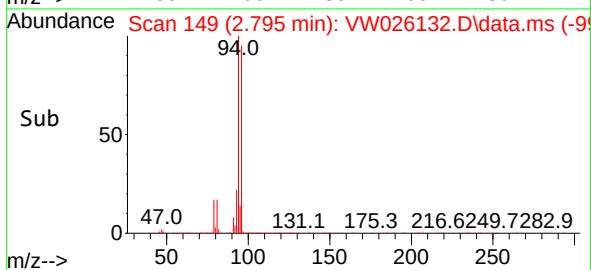
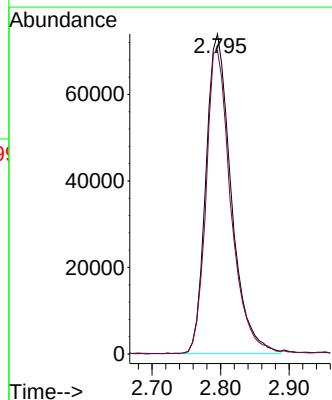
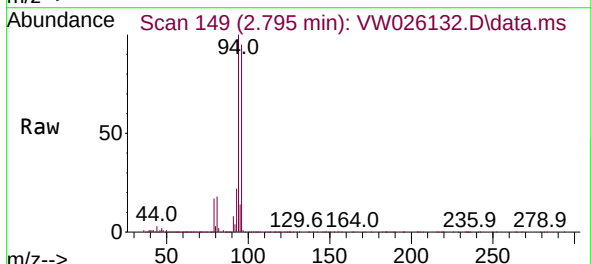
Instrument :
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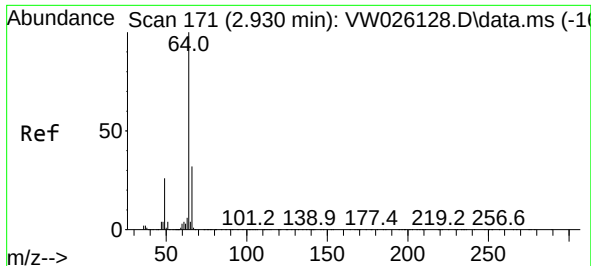
Tgt Ion: 62 Resp: 350550
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.1



#6
 Bromomethane
 Concen: 26.834 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW026132.D
 Acq: 08 Jun 2023 13:33

Tgt Ion: 94 Resp: 189720
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.2 119.2





#8

Chloroethane

Concen: 29.521 ug/L

RT: 2.942 min Scan# 171

Delta R.T. 0.012 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

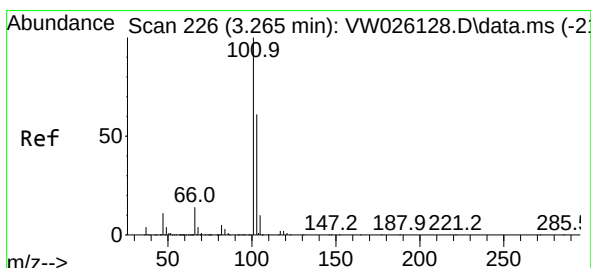
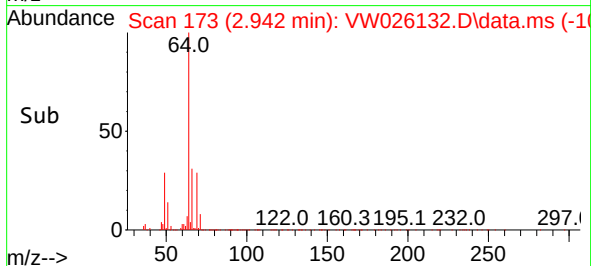
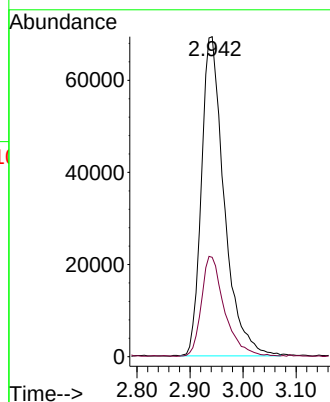
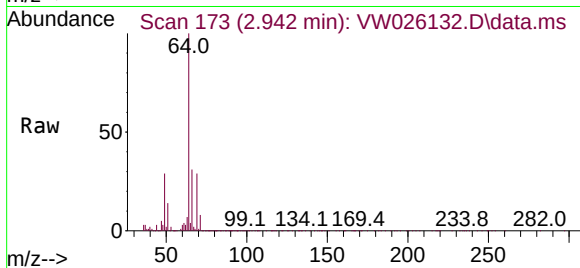
VSTD025511

Tgt Ion: 64 Resp: 206890

Ion Ratio Lower Upper

64 100

66 31.1 23.2 43.2



#9

Trichlorofluoromethane

Concen: 26.121 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.006 min

Lab File: VW026132.D

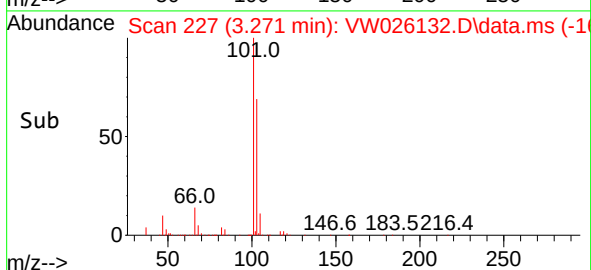
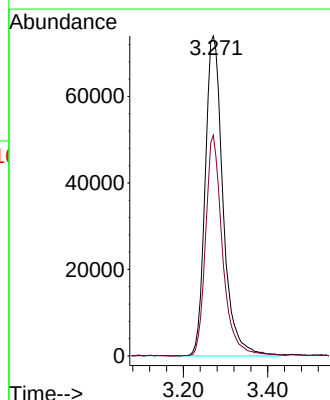
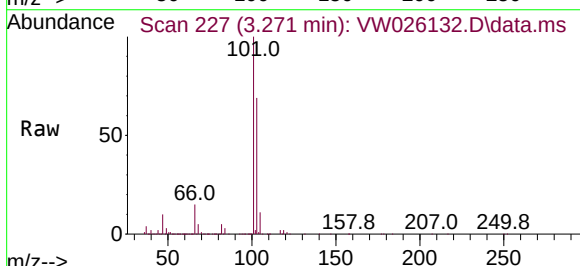
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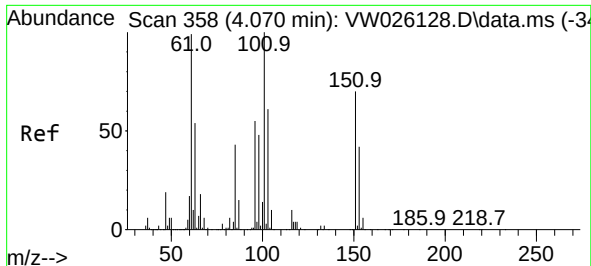
Tgt Ion: 101 Resp: 217941

Ion Ratio Lower Upper

101 100

103 65.3 51.6 77.4

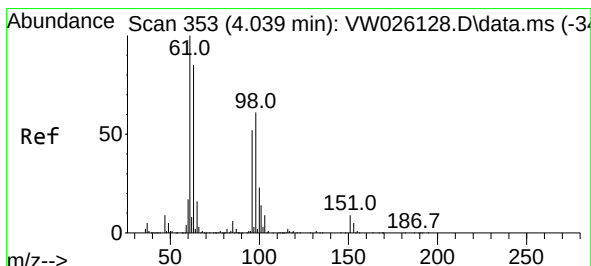
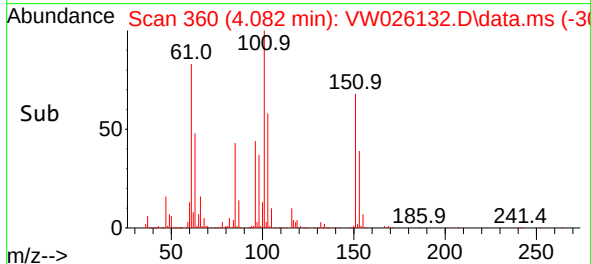
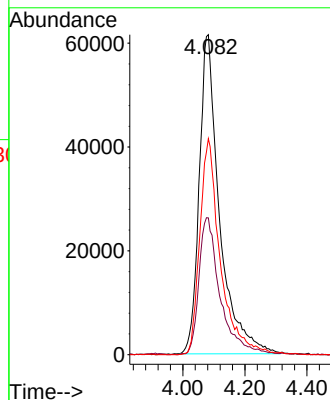
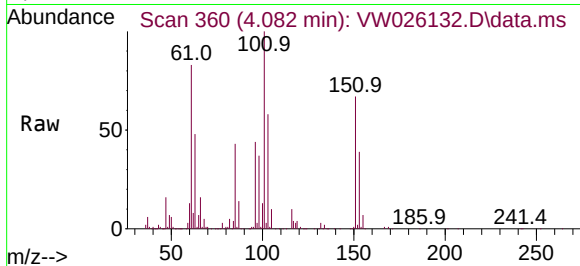




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.542 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: VW026132.D
 Acq: 08 Jun 2023 13:33

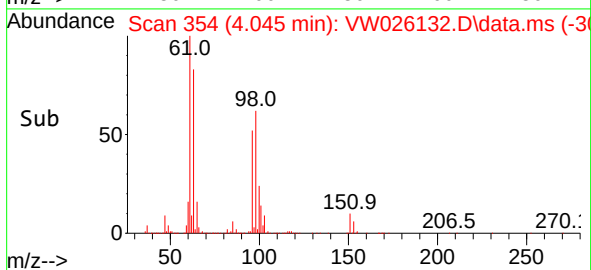
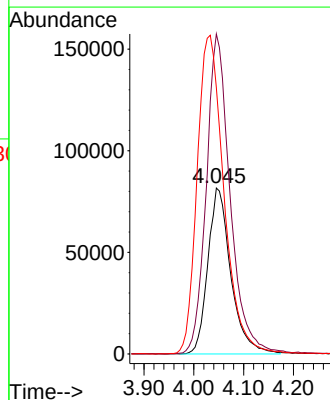
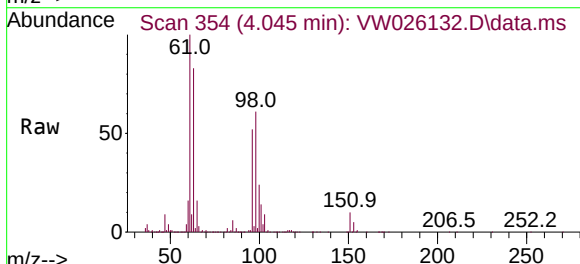
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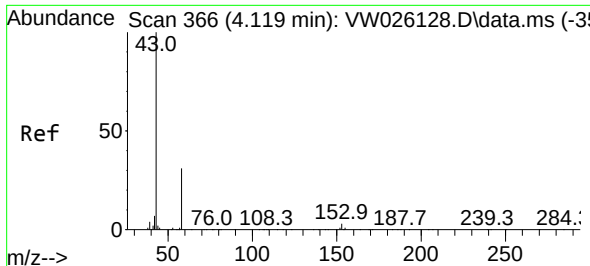
Tgt Ion:101 Resp: 279439
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.1 54.1
 151 66.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 26.620 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026132.D
 Acq: 08 Jun 2023 13:33

Tgt Ion: 96 Resp: 261612
 Ion Ratio Lower Upper
 96 100
 61 192.8 140.6 261.0
 63 160.4 131.7 244.5

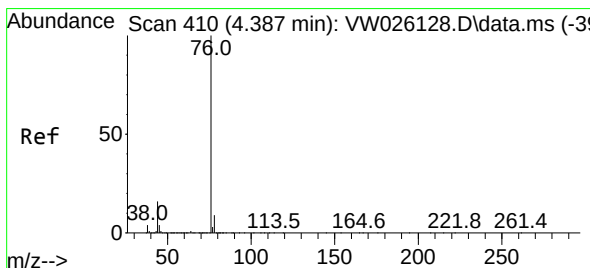
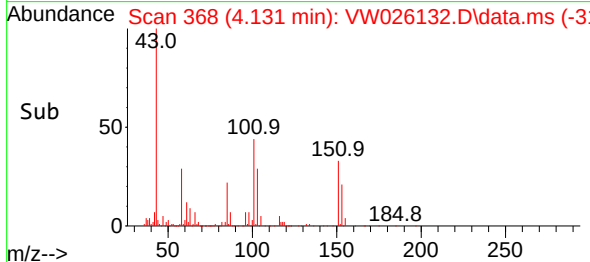
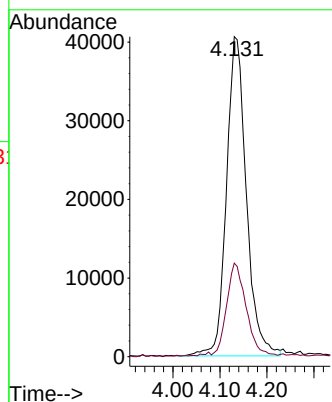
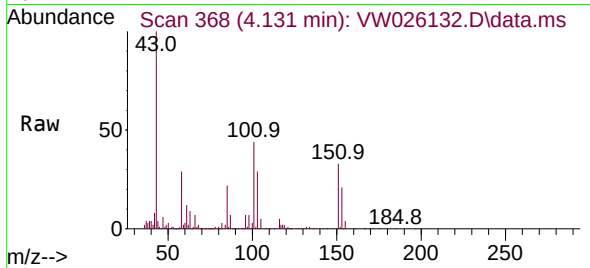




#13
Acetone
Concen: 48.829 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

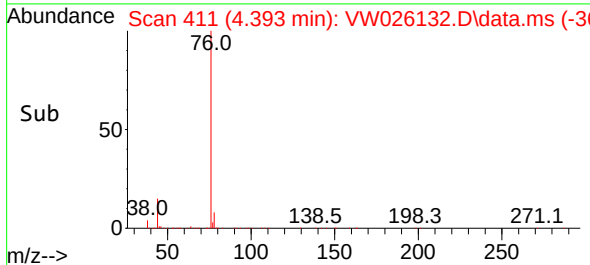
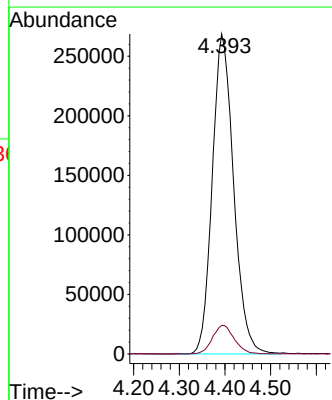
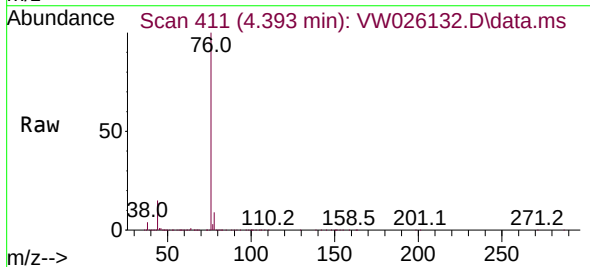
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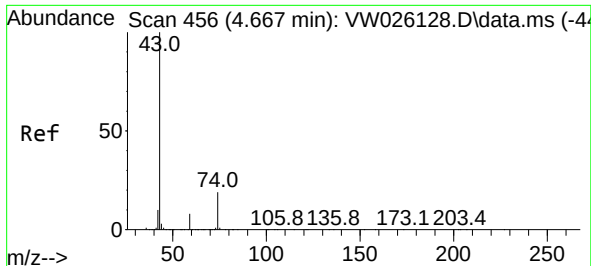
Tgt Ion: 43 Resp: 119445
Ion Ratio Lower Upper
43 100
58 28.6 0.0 58.2



#14
Carbon disulfide
Concen: 25.160 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 872883
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

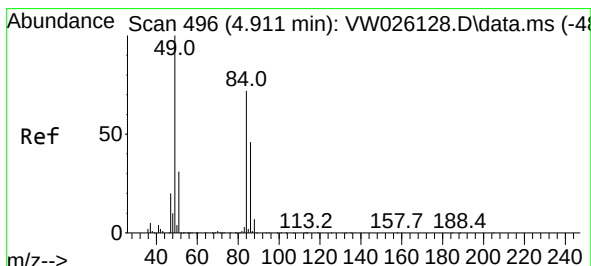
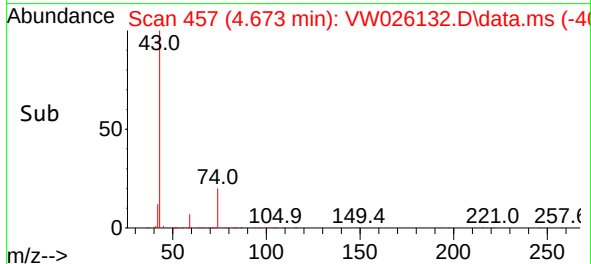
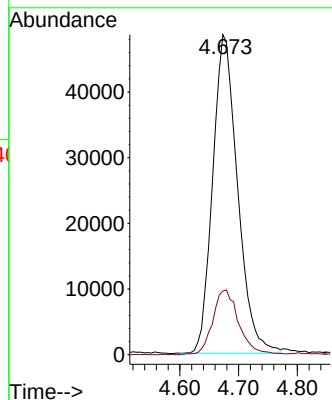
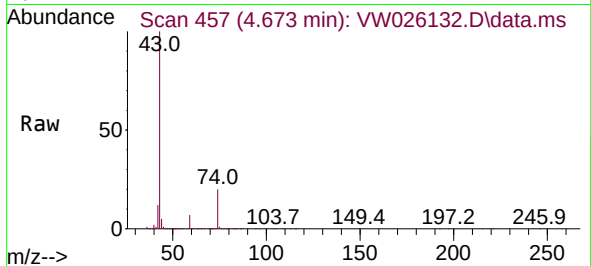




#15
Methyl Acetate
Concen: 26.054 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

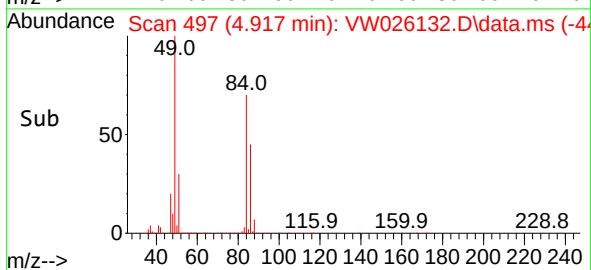
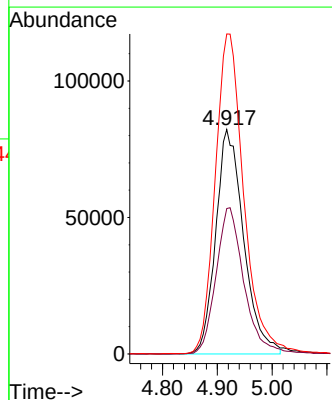
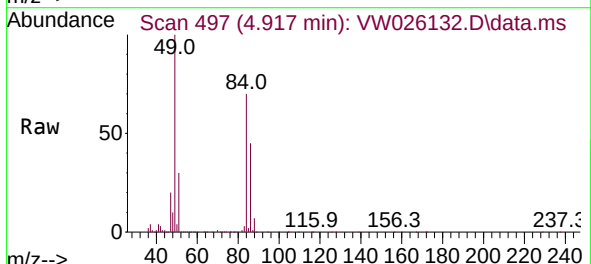
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

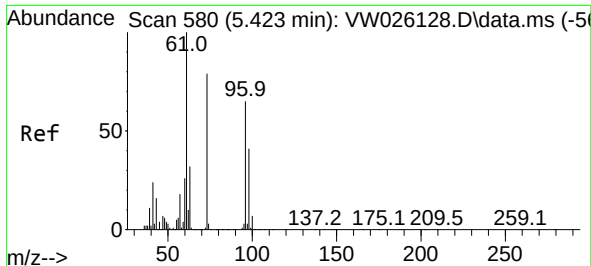
Tgt Ion: 43 Resp: 143042
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0



#16
Methylene chloride
Concen: 23.607 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 84 Resp: 290833
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 142.6 98.8 183.6

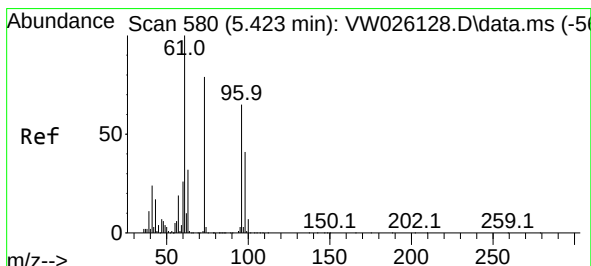
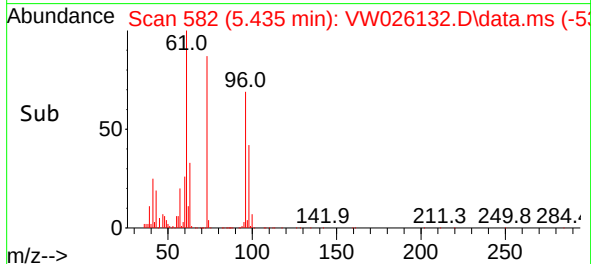
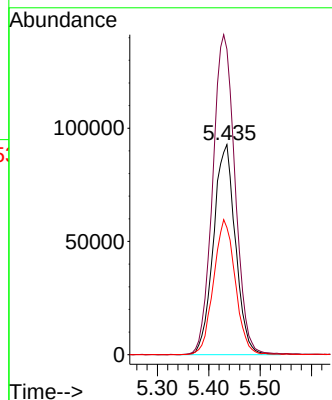
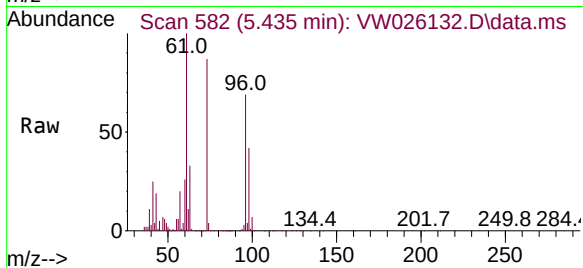




#17
trans-1,2-Dichloroethene
Concen: 24.980 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

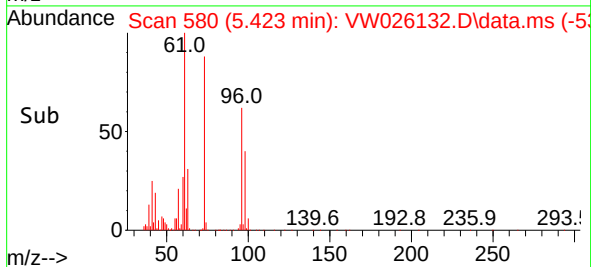
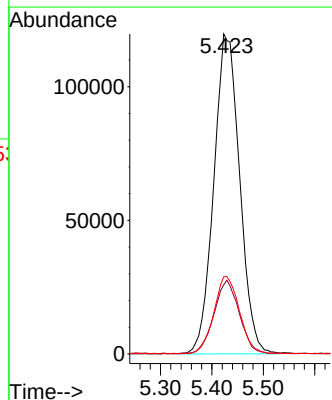
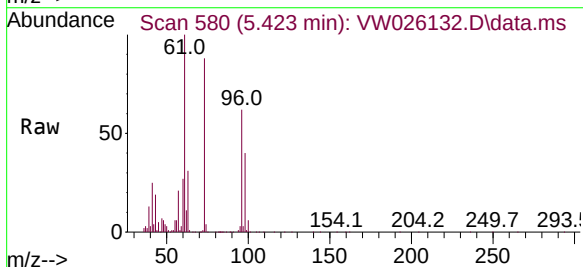
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

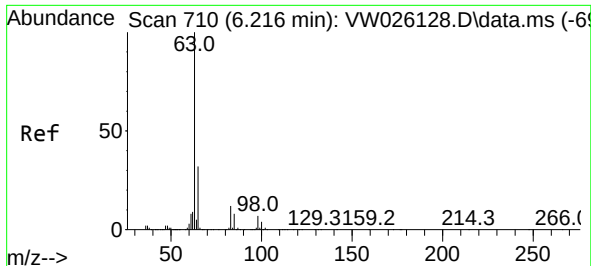
Tgt Ion: 96 Resp: 275445
Ion Ratio Lower Upper
96 100
61 145.5 113.0 209.8
98 60.5 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.059 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 73 Resp: 418108
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.9 18.9 28.3





#19

1,1-Dichloroethane

Concen: 25.356 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

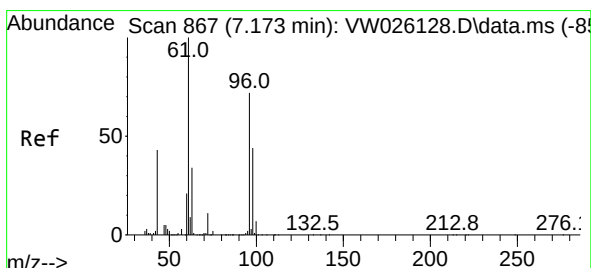
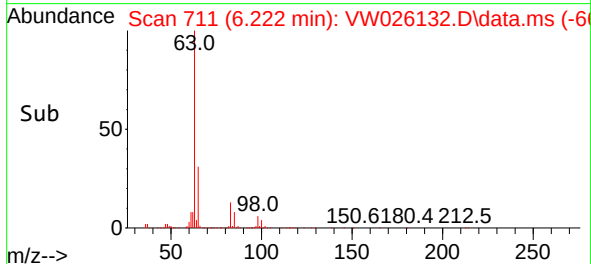
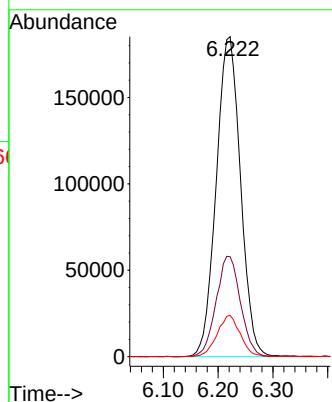
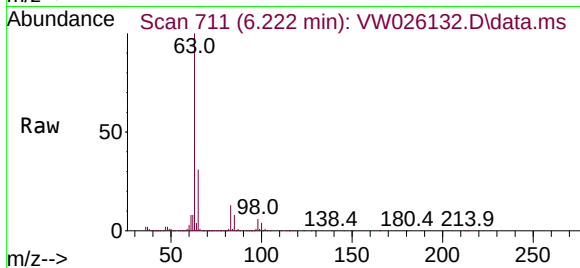
Tgt Ion: 63 Resp: 569207

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 25.702 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

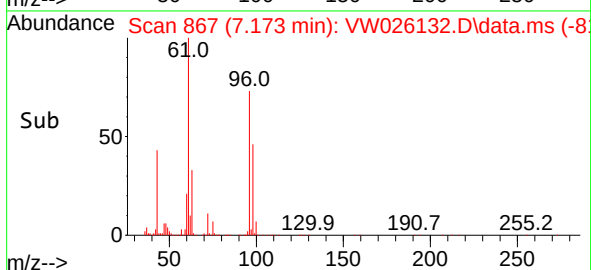
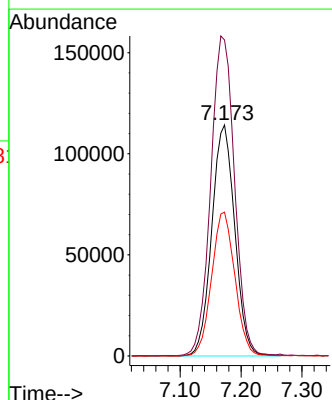
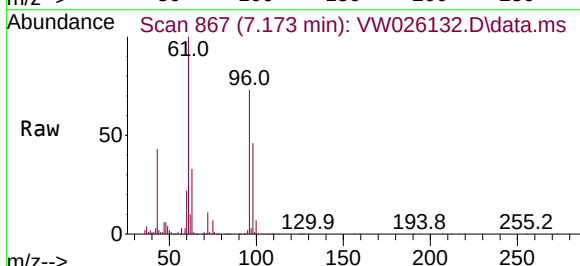
Tgt Ion: 96 Resp: 300190

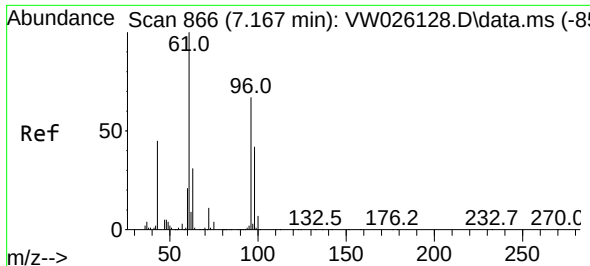
Ion Ratio Lower Upper

96 100

61 136.8 98.4 182.8

98 62.2 45.2 84.0

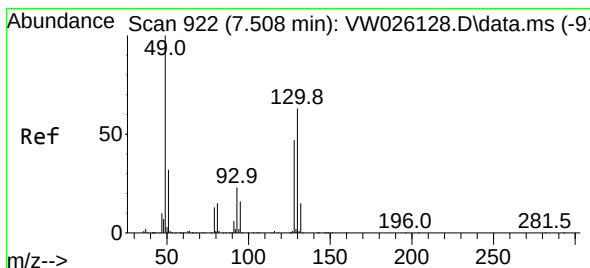
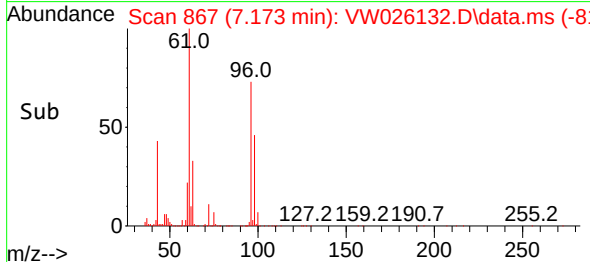
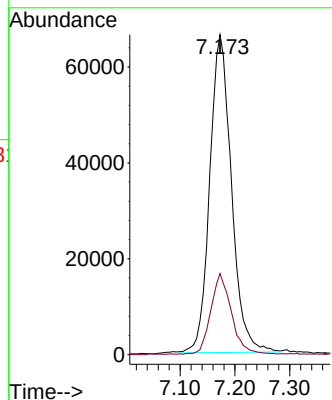
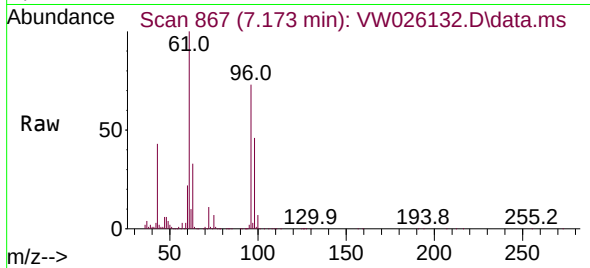




#22
2-Butanone
Concen: 52.234 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

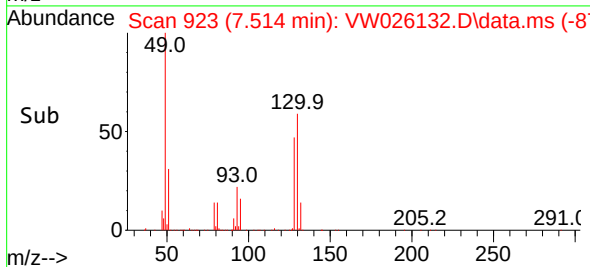
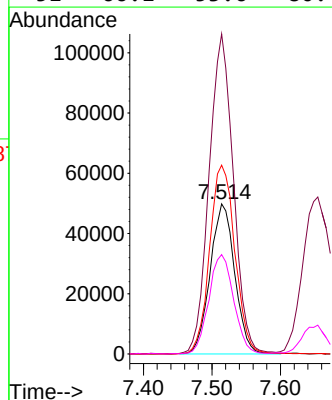
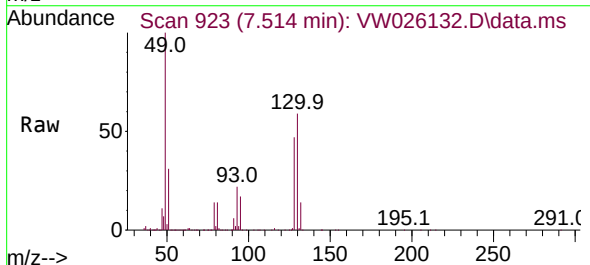
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

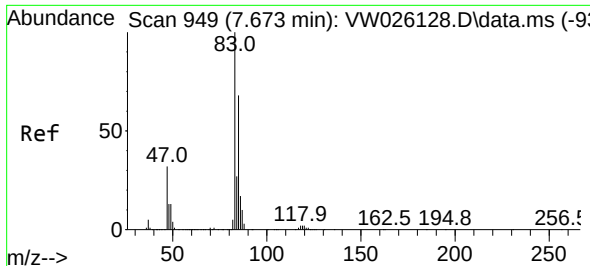
Tgt Ion: 43 Resp: 182268
Ion Ratio Lower Upper
43 100
72 24.0 12.4 37.4



#23
Bromochloromethane
Concen: 24.949 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 128 Resp: 124276
Ion Ratio Lower Upper
128 100
49 213.1 140.6 261.0
130 125.7 86.0 159.6
51 66.1 53.6 80.4

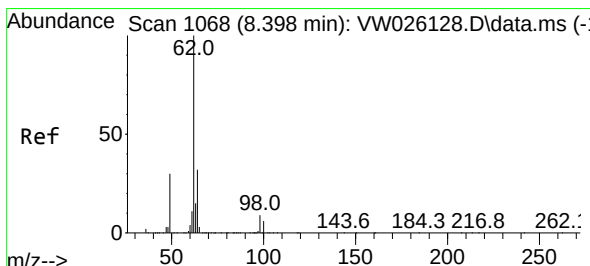
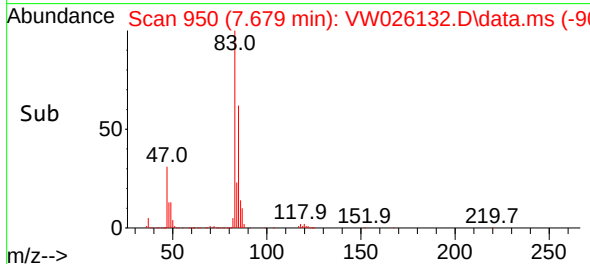
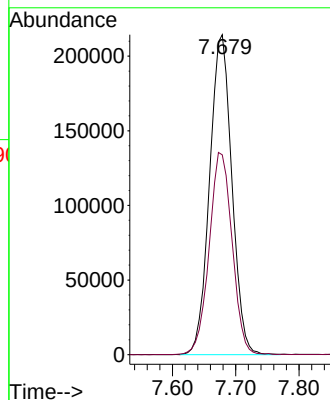
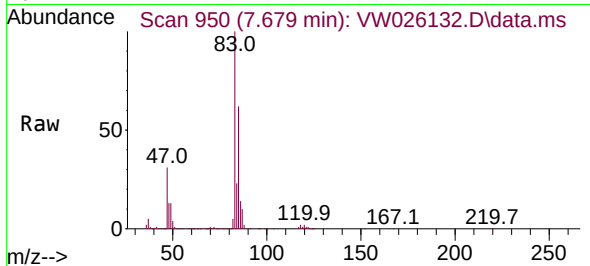




#25
Chloroform
Concen: 25.090 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

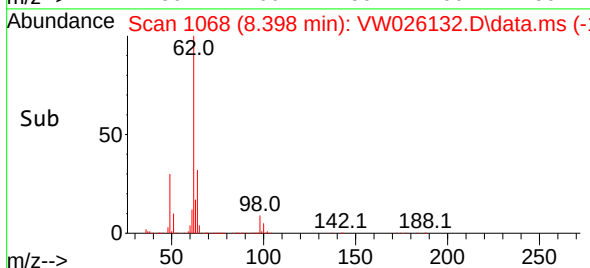
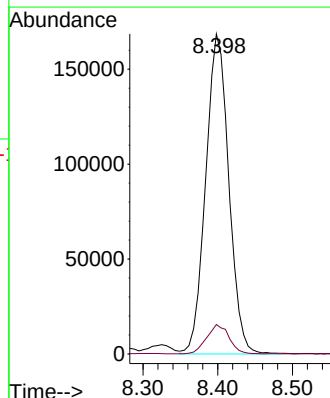
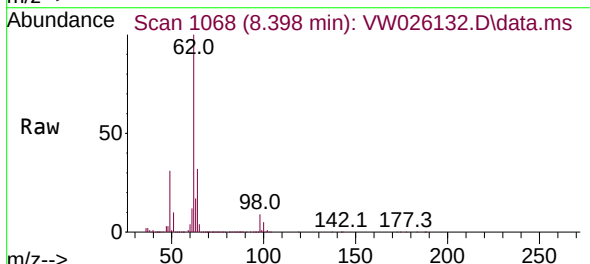
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

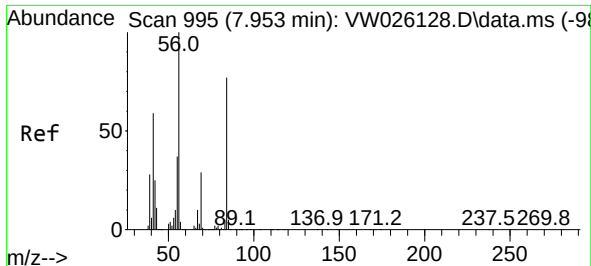
Tgt Ion: 83 Resp: 524592
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.142 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 62 Resp: 362561
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2

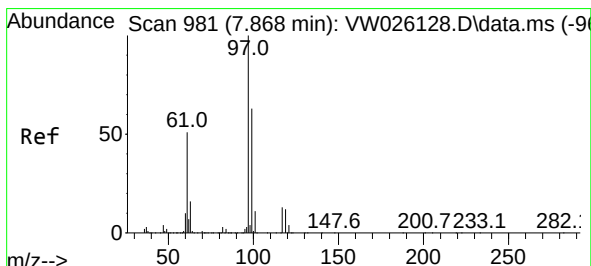
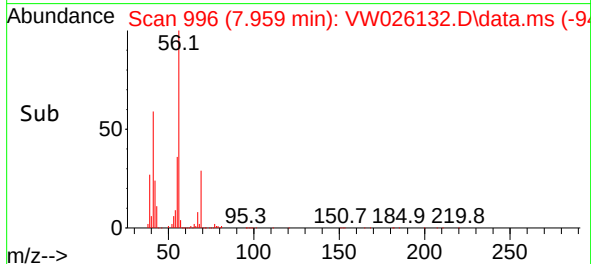
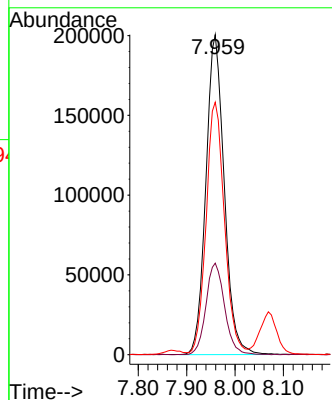
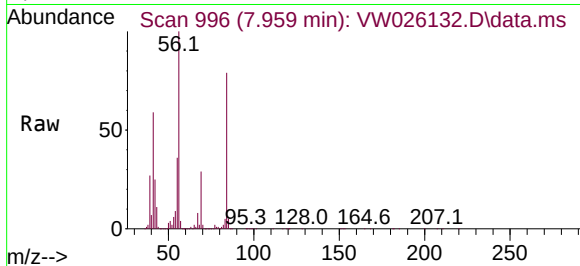




#29
Cyclohexane
Concen: 24.294 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

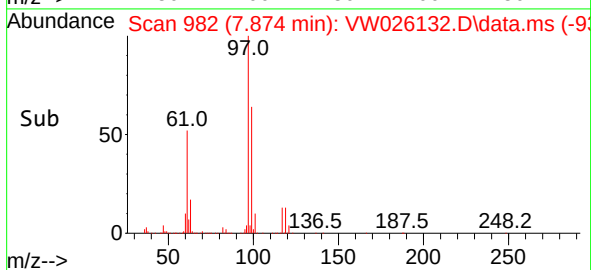
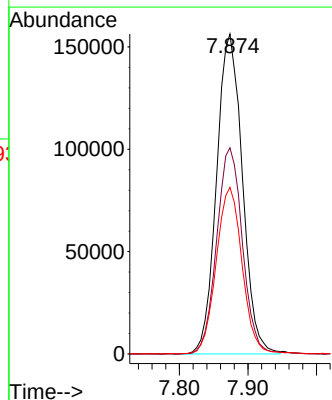
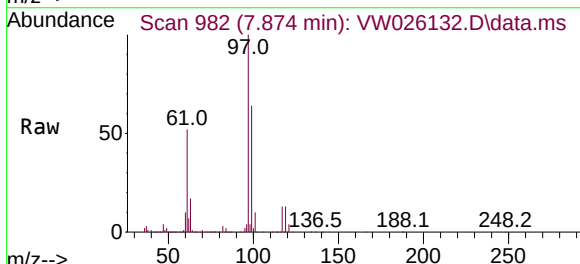
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

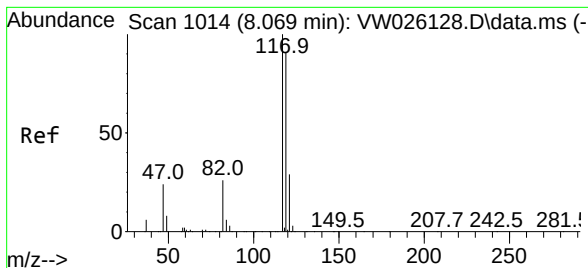
Tgt Ion: 56 Resp: 528767
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 79.1 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.889 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 97 Resp: 408707
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 52.5 40.5 60.7

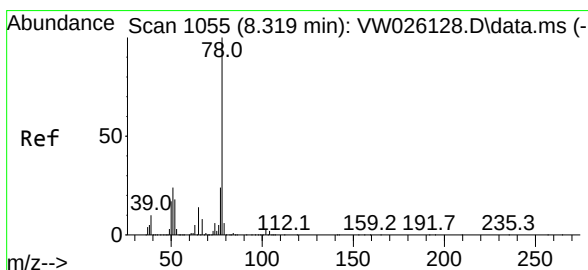
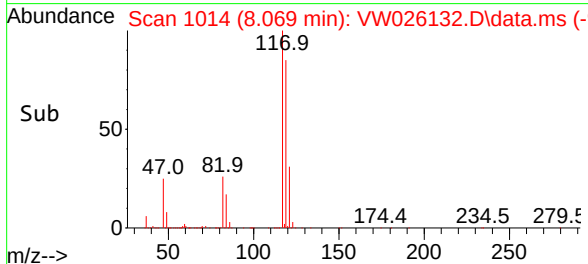
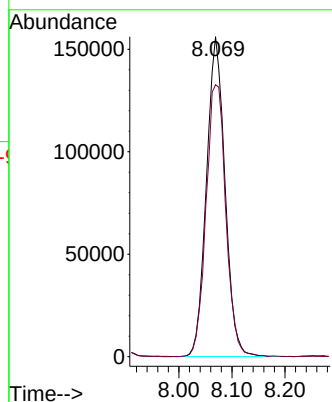
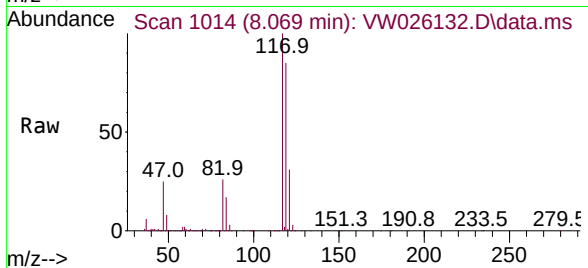




#31
Carbon tetrachloride
Concen: 24.270 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

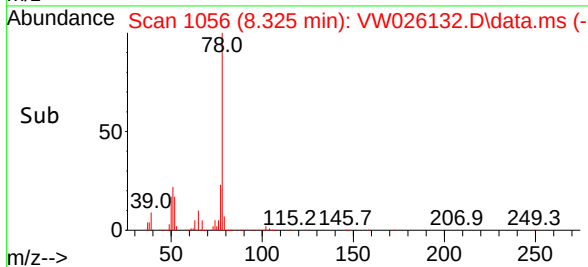
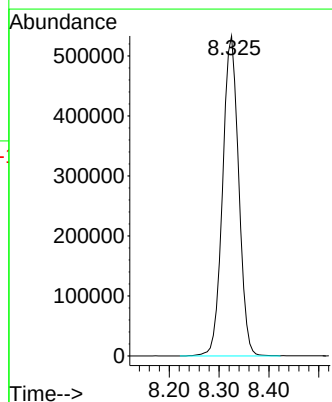
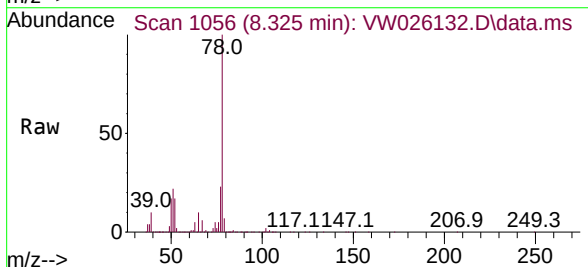
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

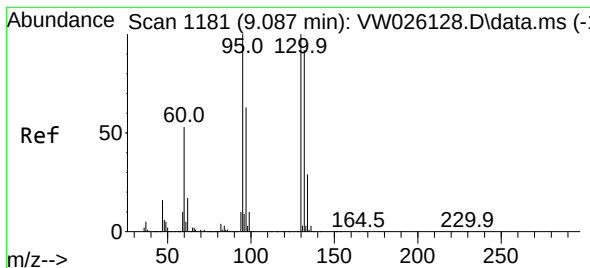
Tgt Ion:117 Resp: 378905
Ion Ratio Lower Upper
117 100
119 91.1 77.4 116.2



#33
Benzene
Concen: 24.700 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 78 Resp: 1192840





#34

Trichloroethene

Concen: 23.938 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

Tgt Ion: 95 Resp: 296026

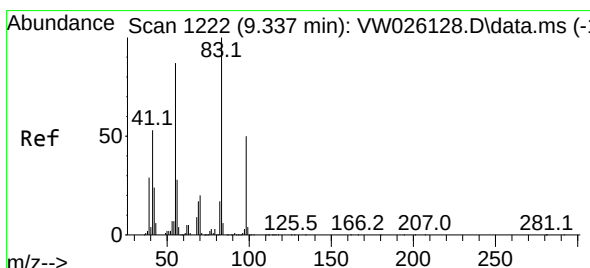
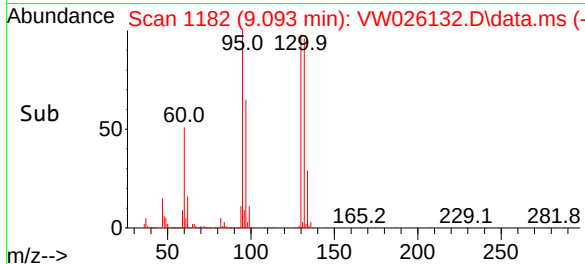
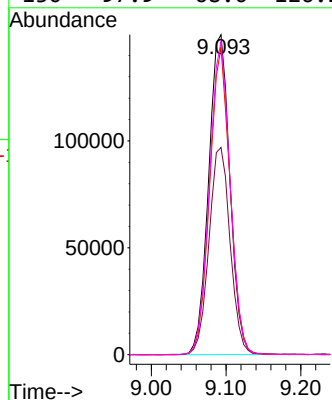
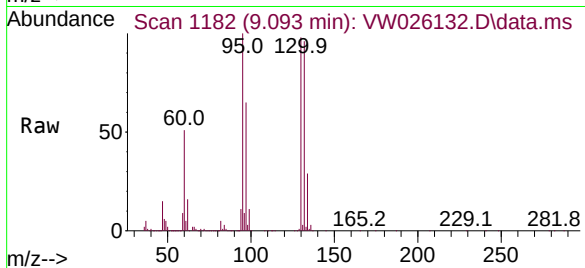
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 96.1 67.1 124.7

130 97.9 68.0 126.2



#35

Methylcyclohexane

Concen: 24.146 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

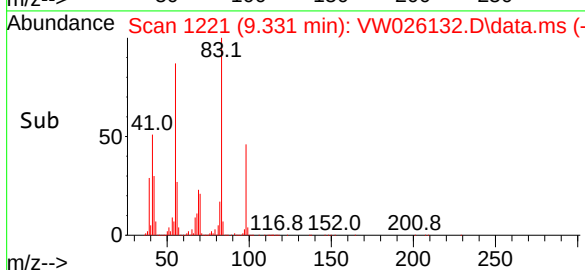
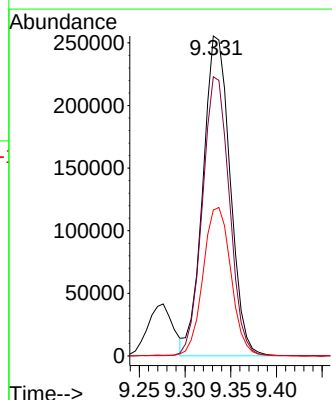
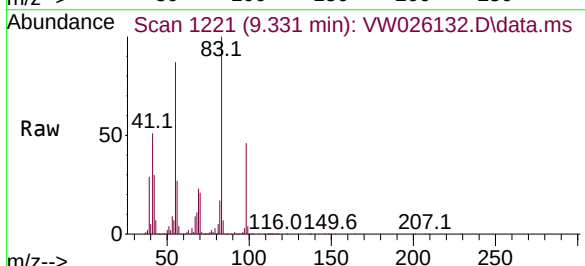
Tgt Ion: 83 Resp: 528361

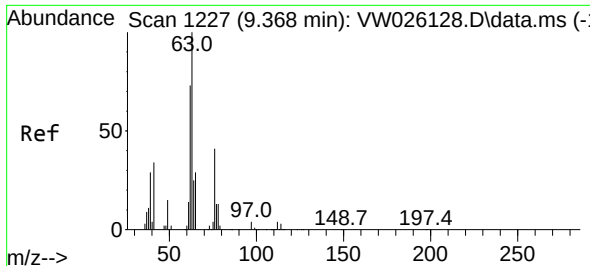
Ion Ratio Lower Upper

83 100

55 86.7 68.2 102.4

98 47.6 38.1 57.1

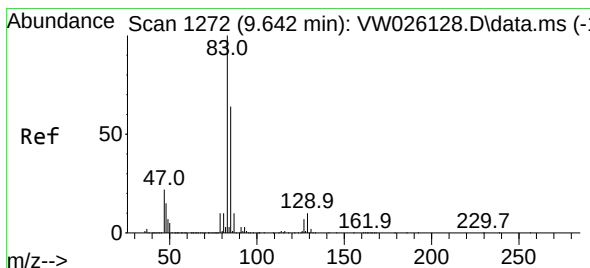
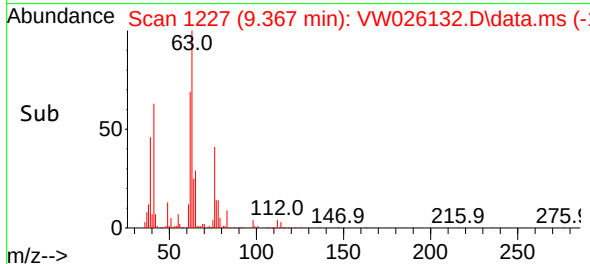
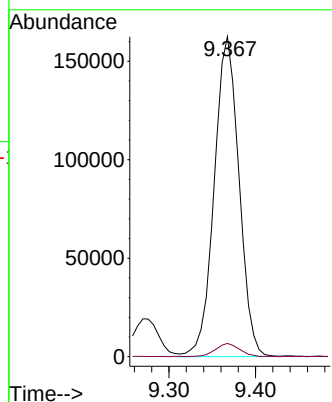
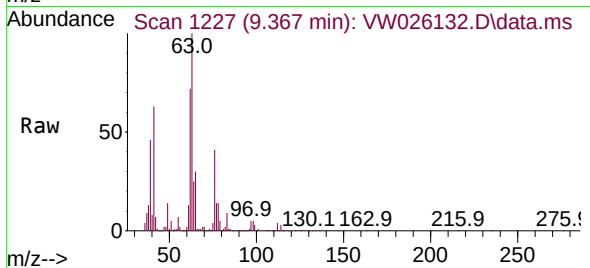




#37
1,2-Dichloropropane
Concen: 24.688 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

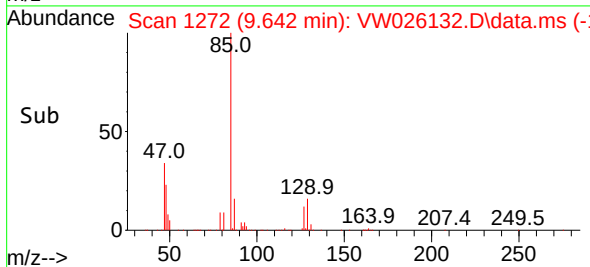
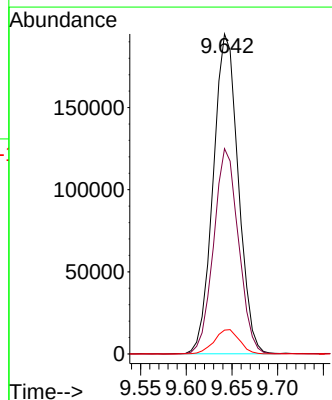
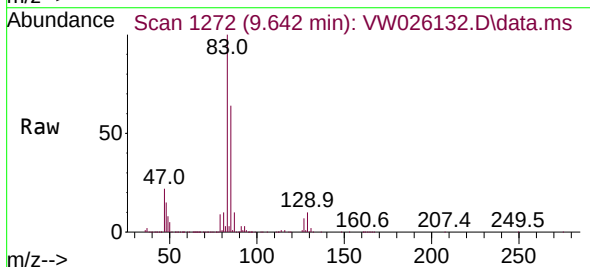
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

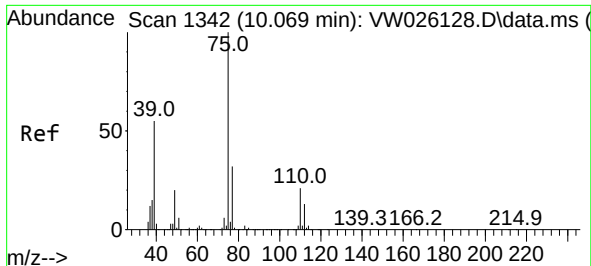
Tgt Ion: 63 Resp: 322937
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 24.442 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 83 Resp: 371451
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0
127 7.5 6.2 9.2

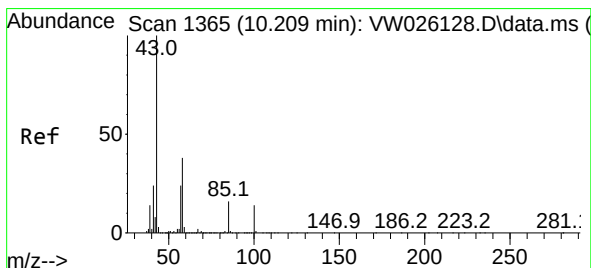
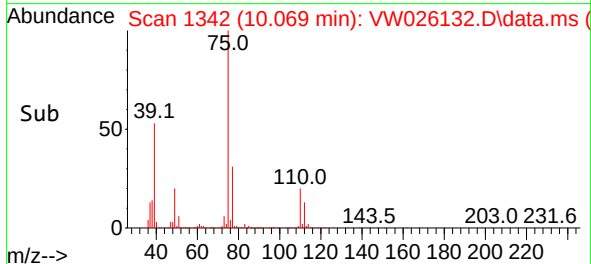
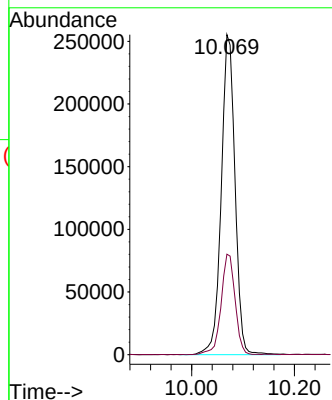
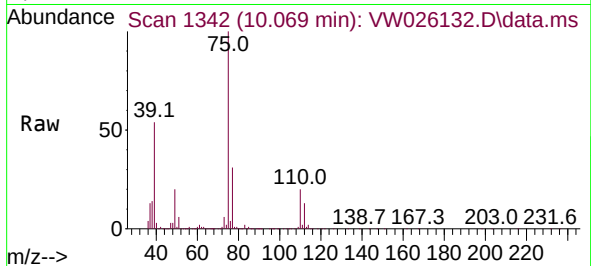




#39
cis-1,3-Dichloropropene
Concen: 24.661 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

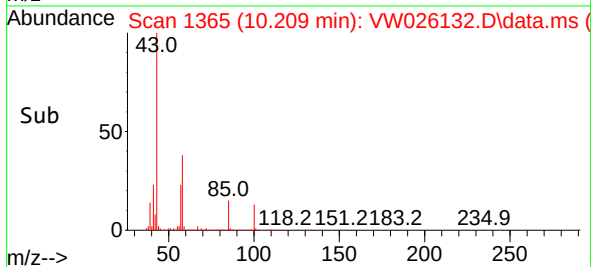
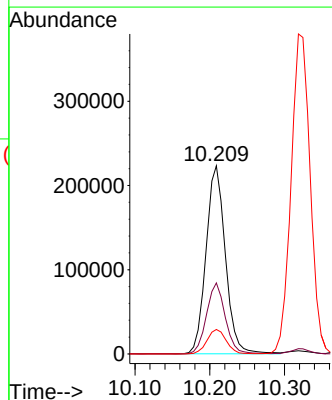
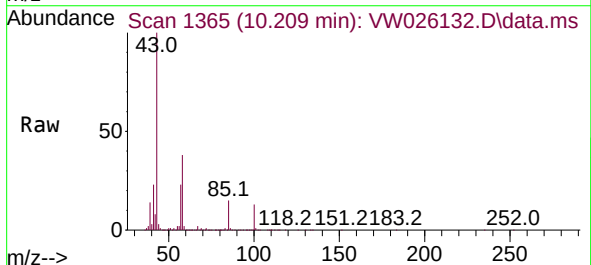
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

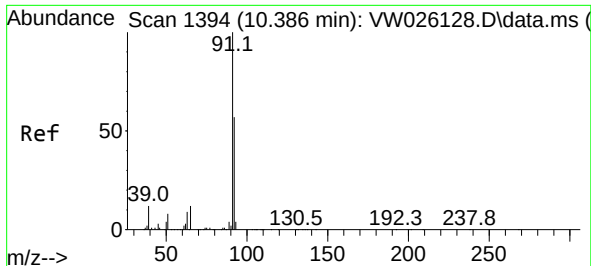
Tgt Ion: 75 Resp: 474050
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 52.141 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 43 Resp: 402110
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.4
100 13.0 10.5 15.7

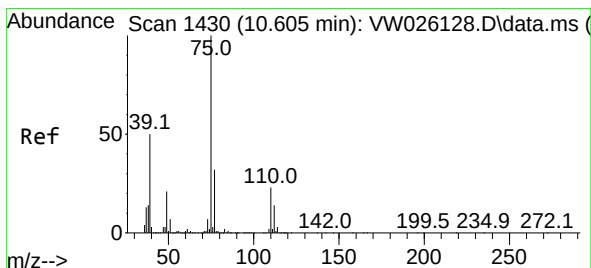
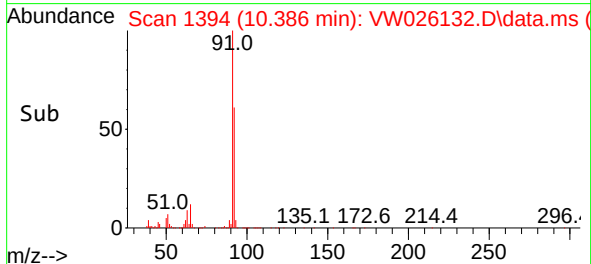
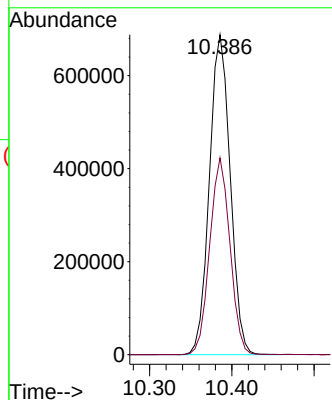
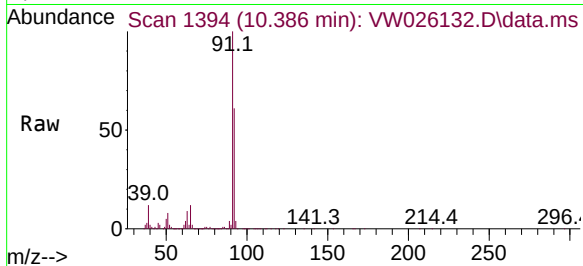




#42
Toluene
Concen: 24.485 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

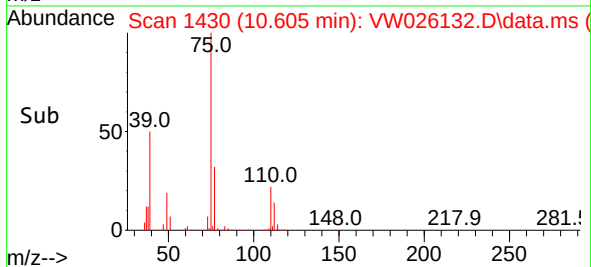
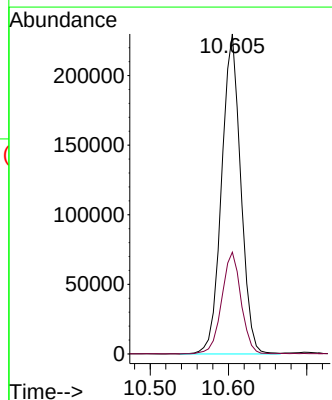
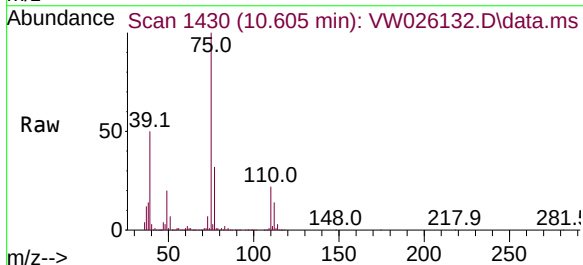
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

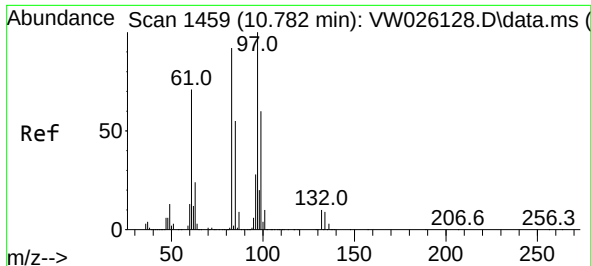
Tgt Ion: 91 Resp: 1209469
Ion Ratio Lower Upper
91 100
92 61.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 24.351 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 75 Resp: 389972
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.3

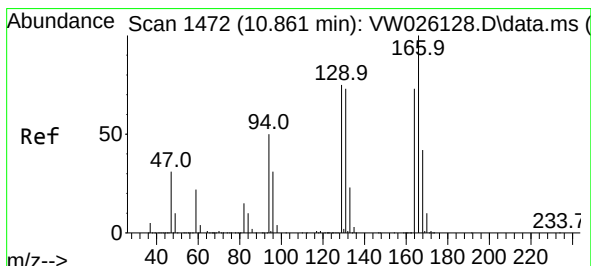
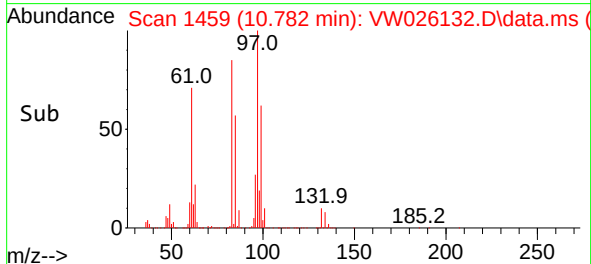
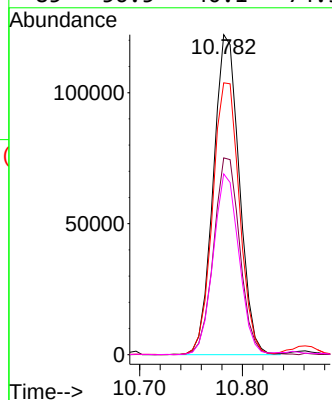
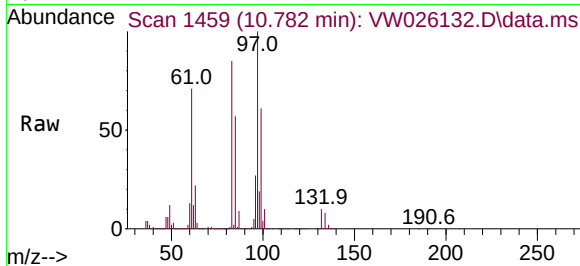




#45
1,1,2-Trichloroethane
Concen: 24.861 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

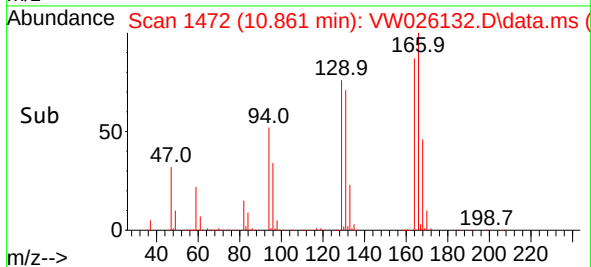
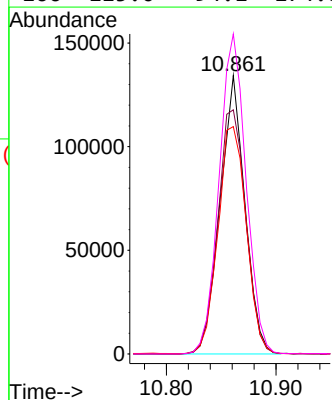
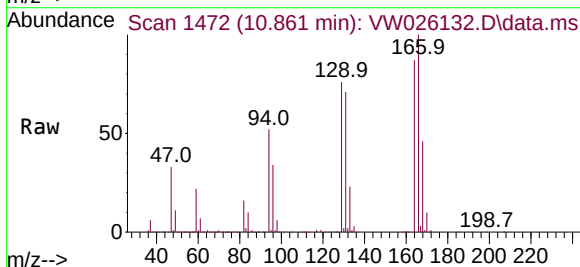
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

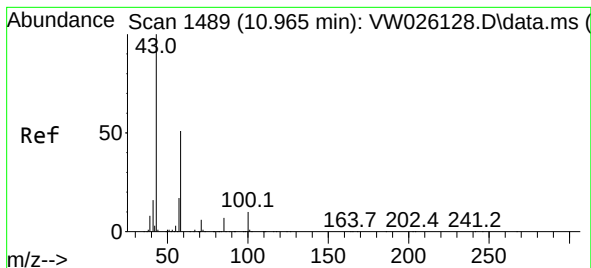
Tgt Ion: 97	Resp: 214323
Ion Ratio	Lower Upper
97 100	
99 61.5	43.3 80.5
83 84.9	62.9 116.9
85 56.5	40.1 74.5



#46
Tetrachloroethene
Concen: 24.212 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt	Ion:164	Resp:	211779
Ion	Ratio	Lower	Upper
164	100		
129	87.7	68.5	127.1
131	81.7	67.1	124.7
166	115.0	94.1	174.8





#48

2-Hexanone

Concen: 50.794 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

Tgt Ion: 43 Resp: 276199

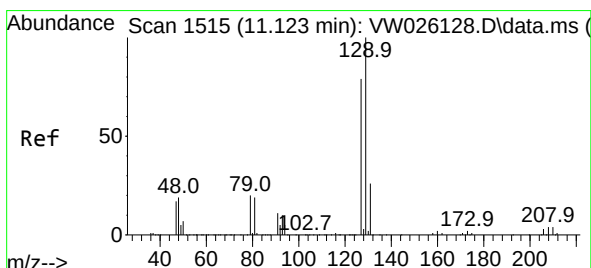
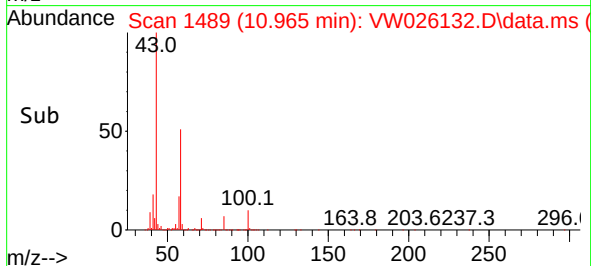
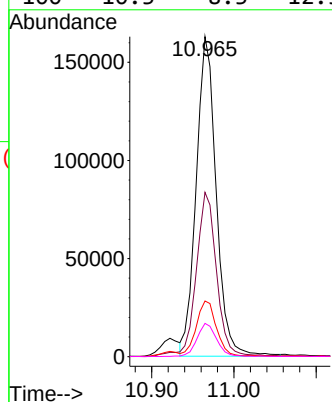
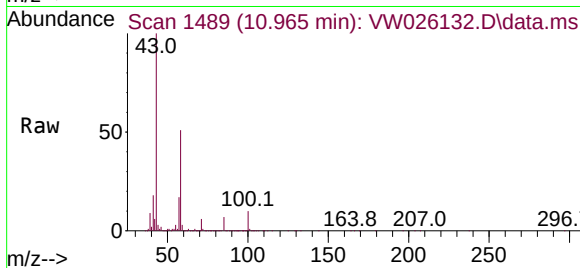
Ion Ratio Lower Upper

43 100

58 51.3 42.2 63.2

57 17.5 14.2 21.2

100 10.3 8.3 12.5



#49

Dibromochloromethane

Concen: 24.645 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW026132.D

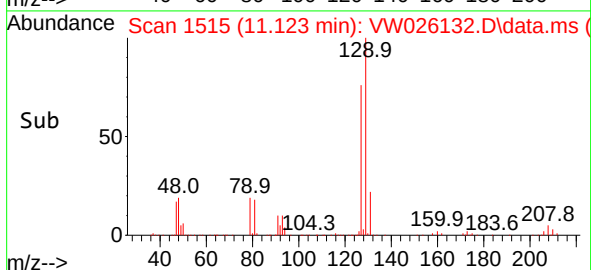
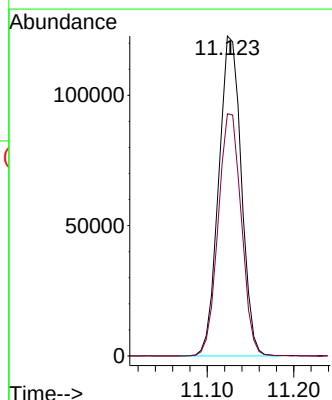
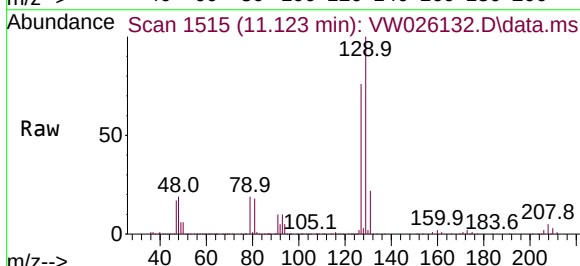
Acq: 08 Jun 2023 13:33

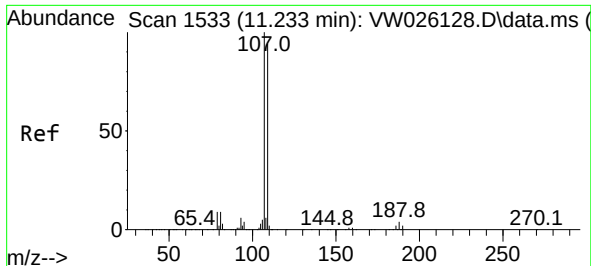
Tgt Ion: 129 Resp: 222762

Ion Ratio Lower Upper

129 100

127 75.7 56.9 105.7





#50

1,2-Dibromoethane

Concen: 24.813 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

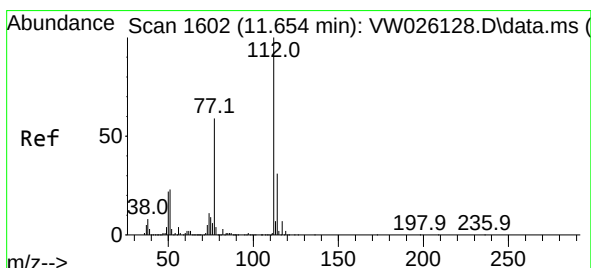
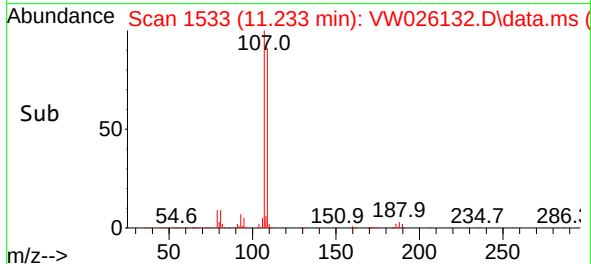
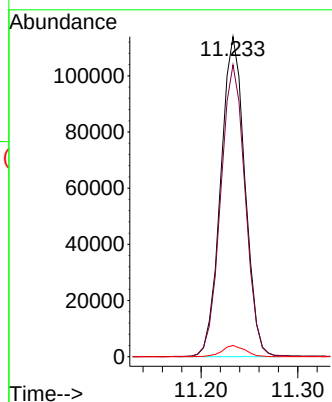
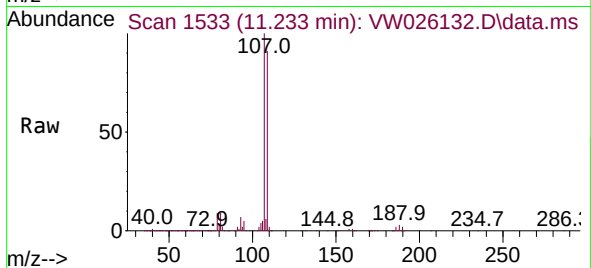
Tgt Ion:107 Resp: 198069

Ion Ratio Lower Upper

107 100

109 91.2 64.0 119.0

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 23.779 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

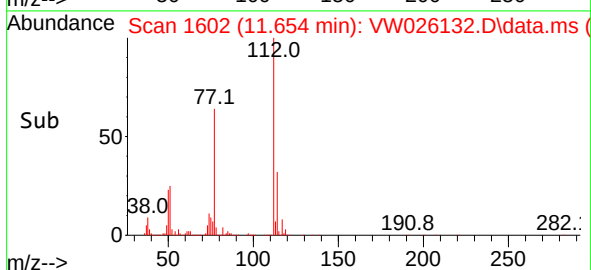
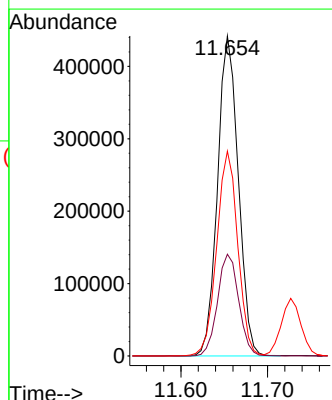
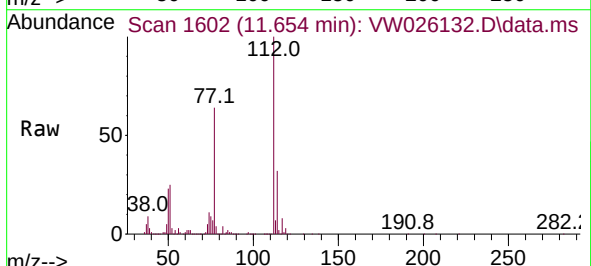
Tgt Ion:112 Resp: 736053

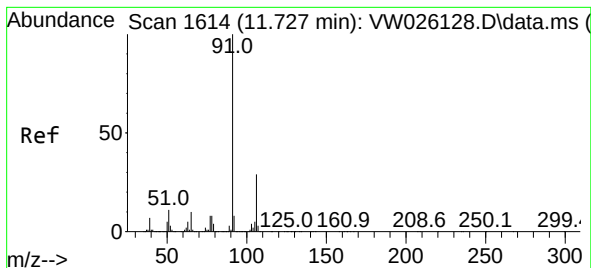
Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.6

77 64.0 50.9 76.3

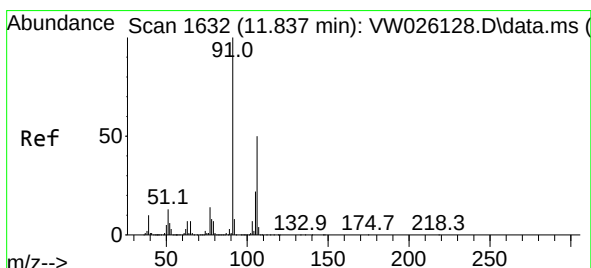
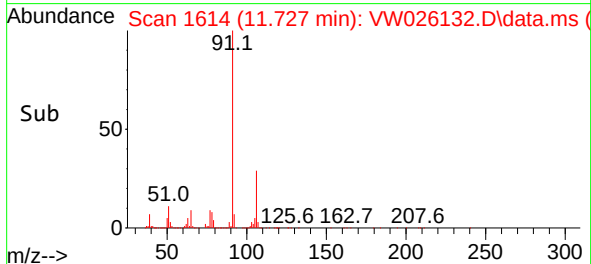
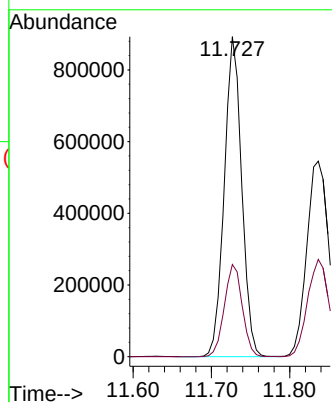
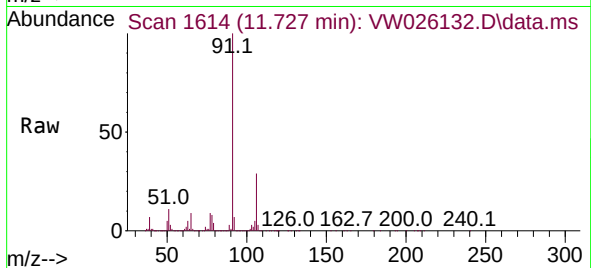




#52
Ethylbenzene
Concen: 24.776 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

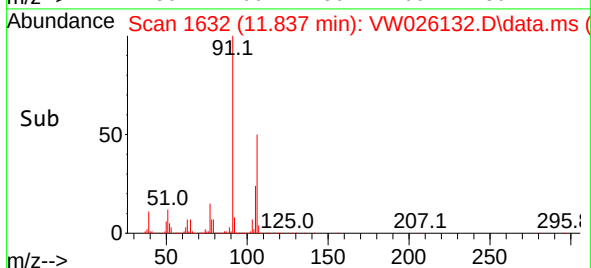
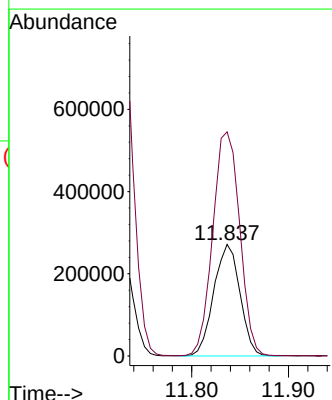
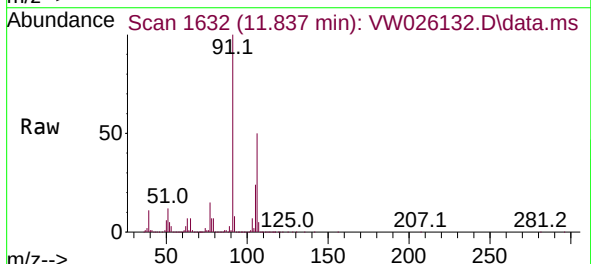
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

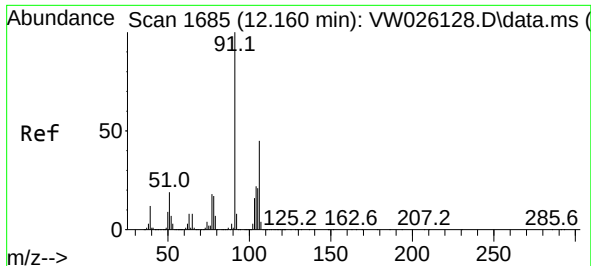
Tgt Ion: 91 Resp: 1380547
Ion Ratio Lower Upper
91 100
106 28.8 21.2 39.4



#53
m,p-Xylene
Concen: 24.637 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion: 106 Resp: 510706
Ion Ratio Lower Upper
106 100
91 201.1 149.5 277.7

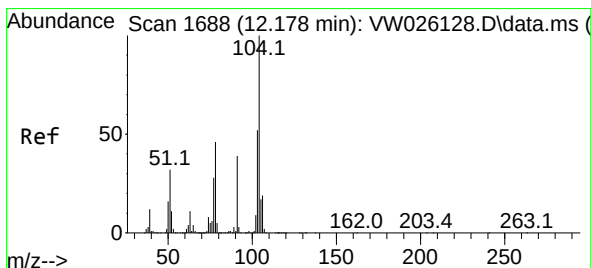
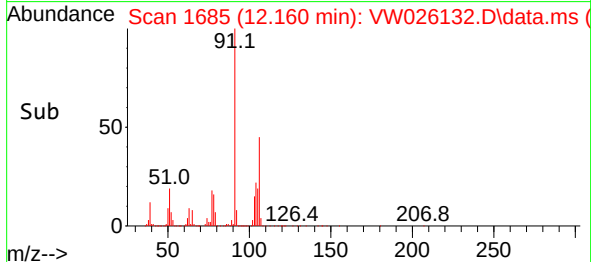
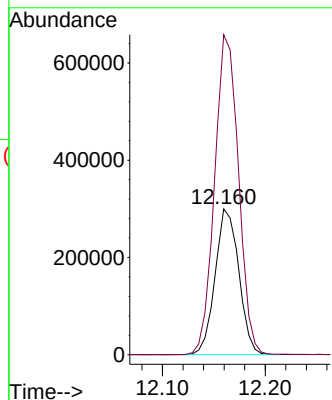
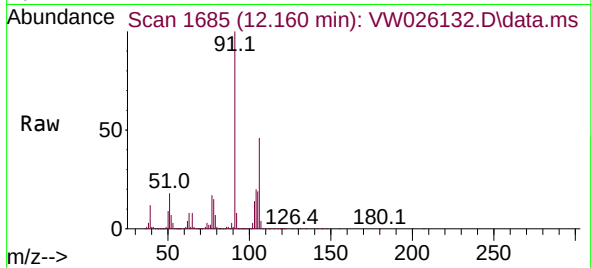




#54
o-Xylene
Concen: 24.493 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

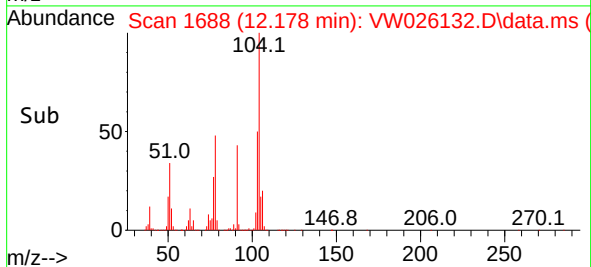
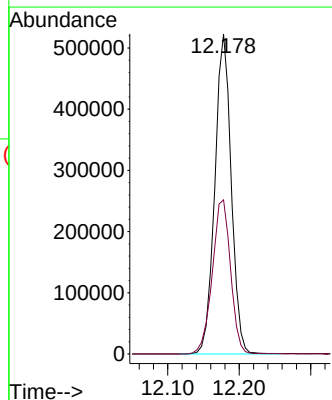
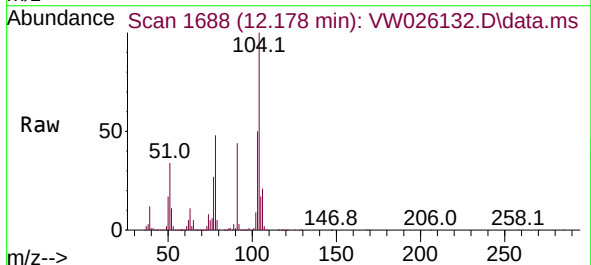
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

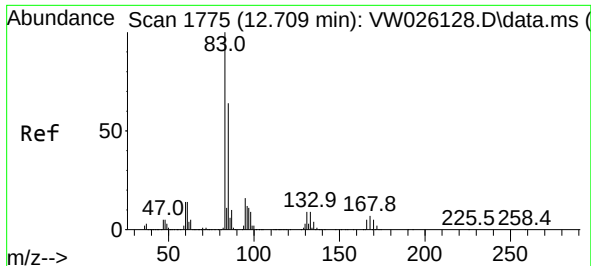
Tgt Ion:106 Resp: 479200
Ion Ratio Lower Upper
106 100
91 219.5 150.9 280.3



#55
Styrene
Concen: 24.811 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion:104 Resp: 832781
Ion Ratio Lower Upper
104 100
78 48.2 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.974 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

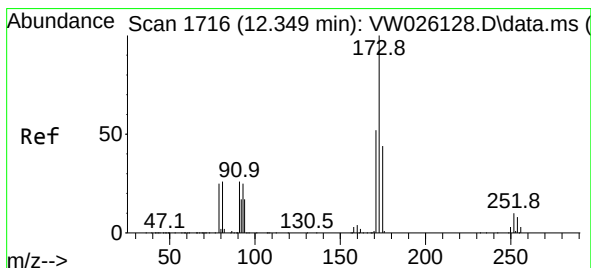
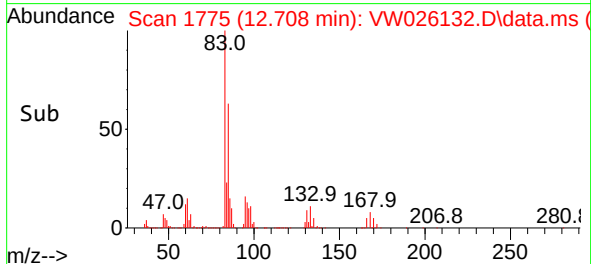
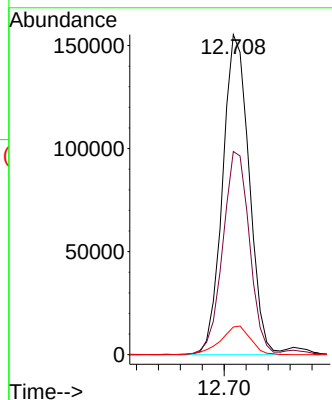
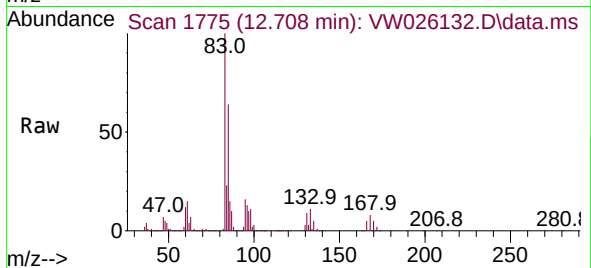
Tgt Ion: 83 Resp: 260554

Ion Ratio Lower Upper

83 100

85 63.5 42.6 79.0

131 8.6 7.2 10.8



#59

Bromoform

Concen: 24.664 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

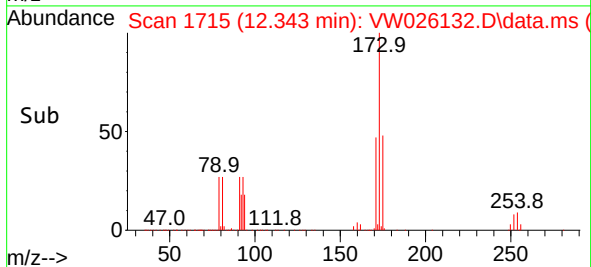
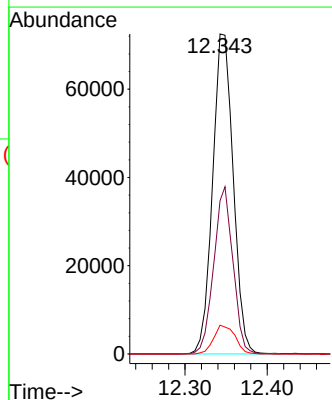
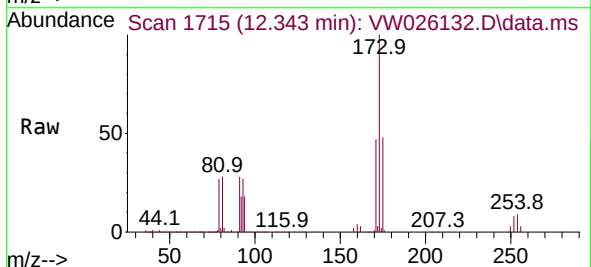
Tgt Ion:173 Resp: 126229

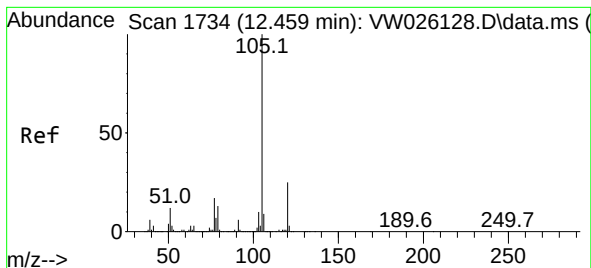
Ion Ratio Lower Upper

173 100

175 48.5 38.6 57.8

254 9.3 7.4 11.0





#60

Isopropylbenzene

Concen: 24.567 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

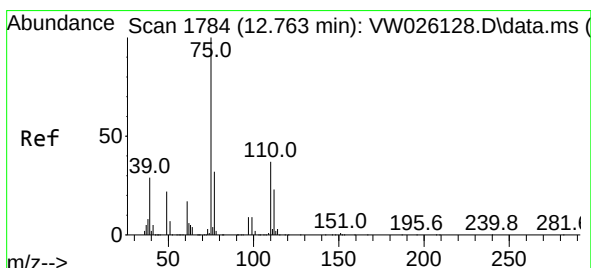
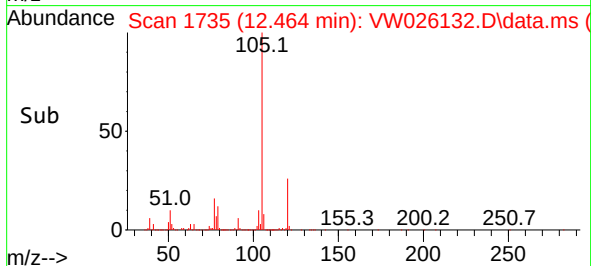
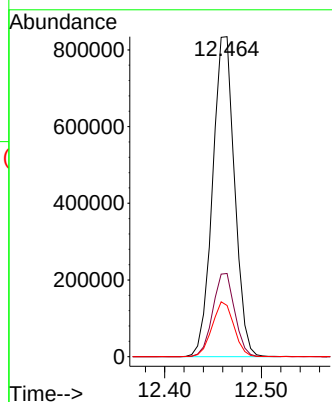
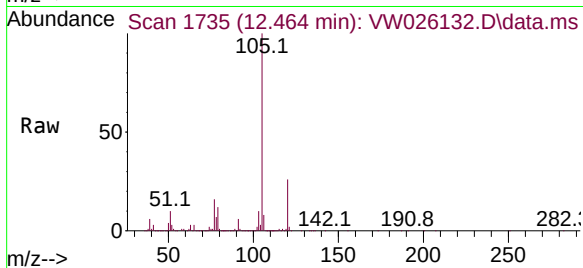
Tgt Ion:105 Resp: 1315054

Ion Ratio Lower Upper

105 100

120 26.0 19.8 29.8

77 16.9 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 24.686 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

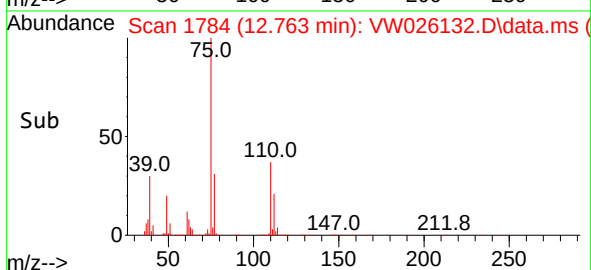
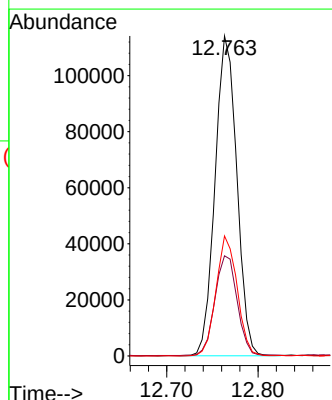
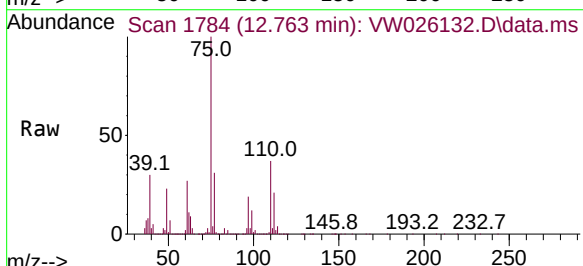
Tgt Ion: 75 Resp: 188420

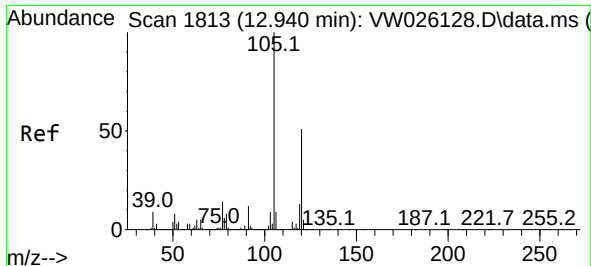
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 36.5 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 24.833 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

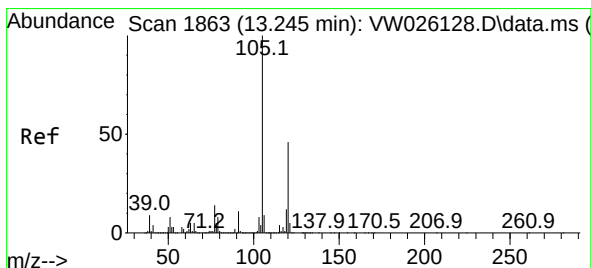
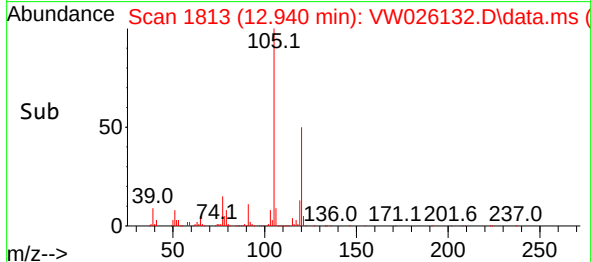
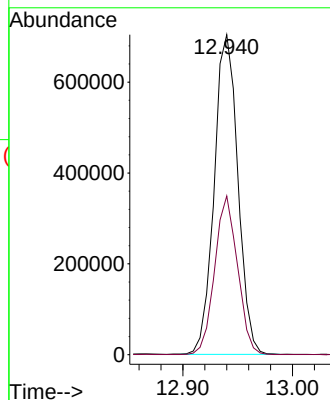
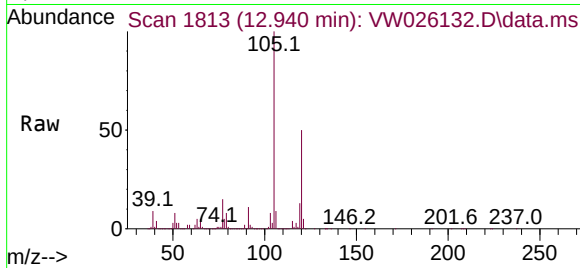
VSTD025511

Tgt Ion:105 Resp: 1056744

Ion Ratio Lower Upper

105 100

120 48.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 25.207 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026132.D

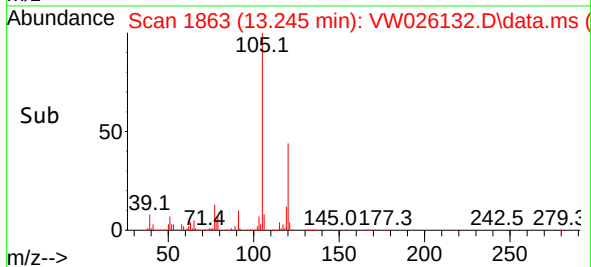
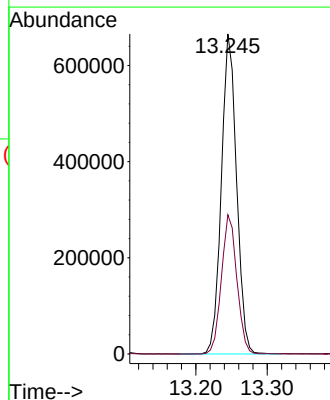
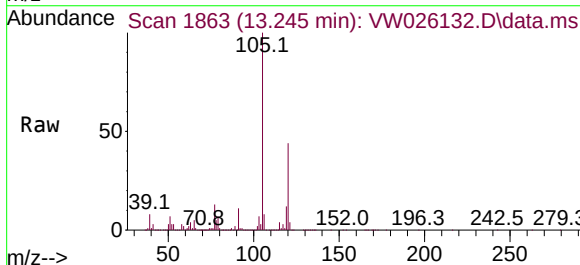
Acq: 08 Jun 2023 13:33

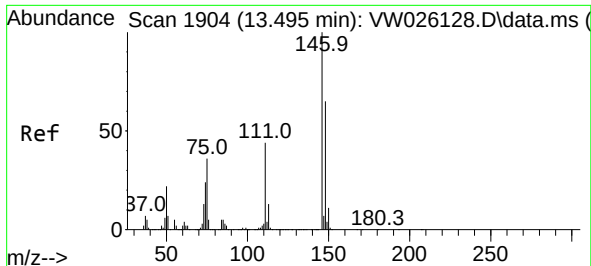
Tgt Ion:105 Resp: 982444

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.2

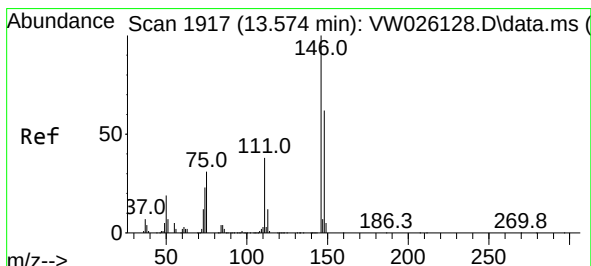
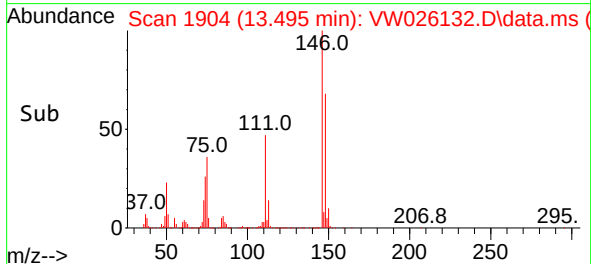
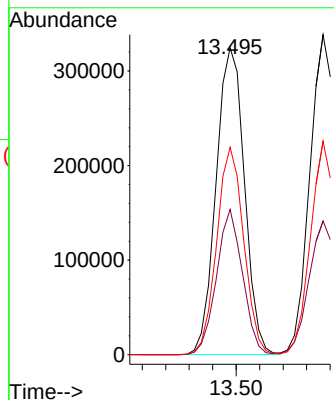
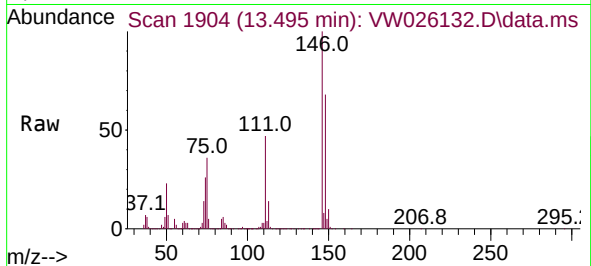




#64
1,3-Dichlorobenzene
Concen: 24.164 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

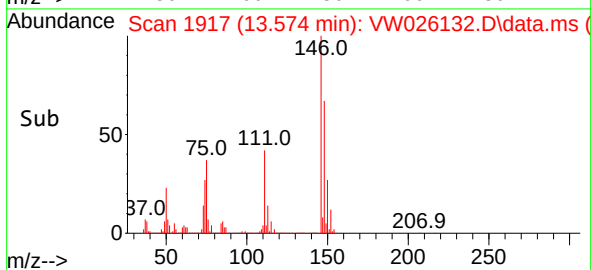
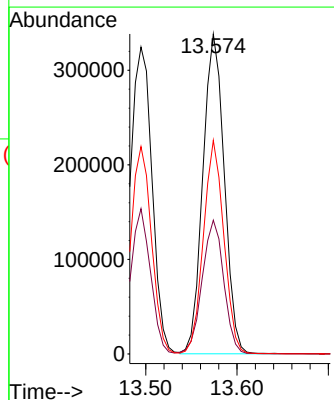
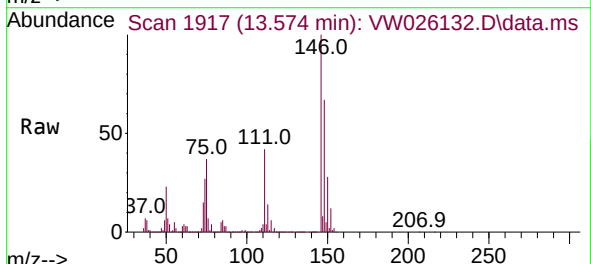
Instrument :
MSVOA_W
ClientSampleId :
VSTD025511

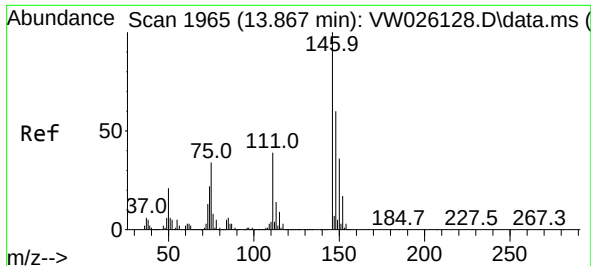
Tgt Ion:146 Resp: 543871
Ion Ratio Lower Upper
146 100
111 47.3 29.7 55.1
148 67.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 24.230 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026132.D
Acq: 08 Jun 2023 13:33

Tgt Ion:146 Resp: 549039
Ion Ratio Lower Upper
146 100
111 41.8 29.2 54.2
148 66.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.328 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

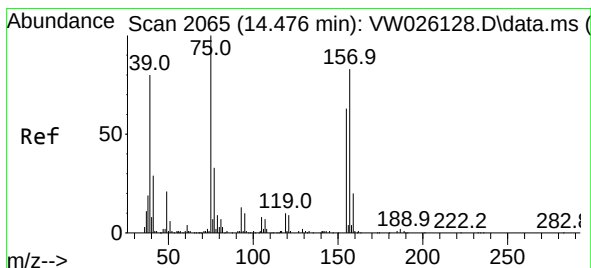
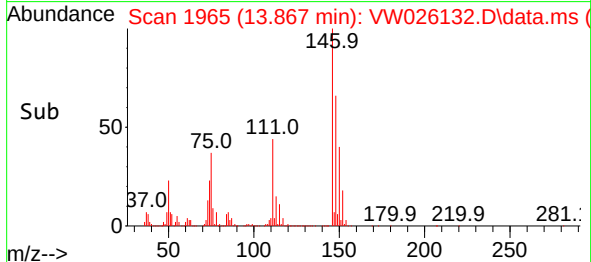
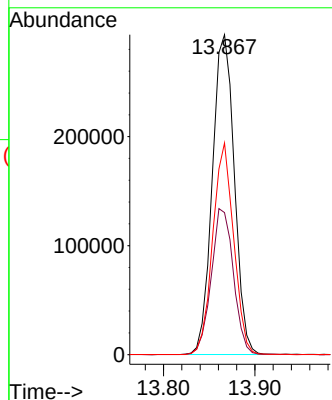
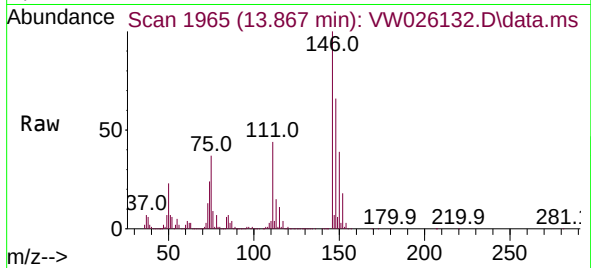
Tgt Ion:146 Resp: 491690

Ion Ratio Lower Upper

146 100

111 44.4 35.4 53.0

148 66.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.018 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

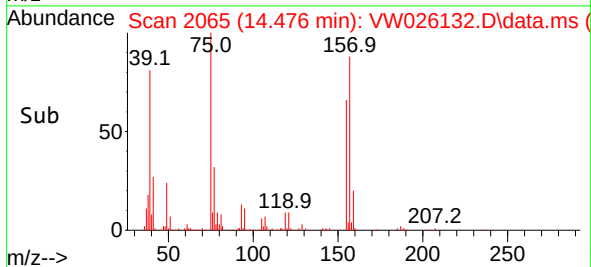
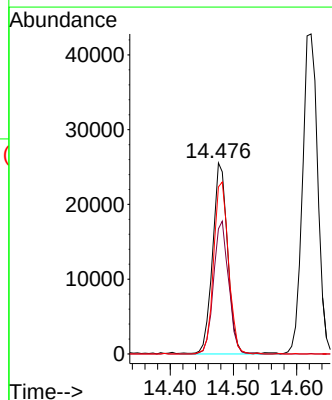
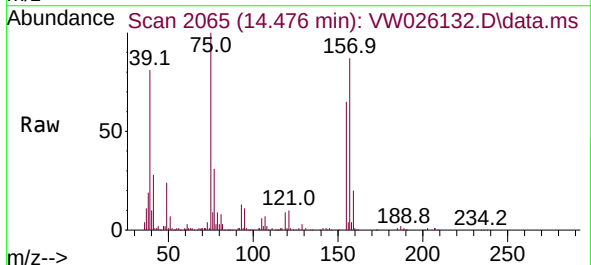
Tgt Ion: 75 Resp: 42474

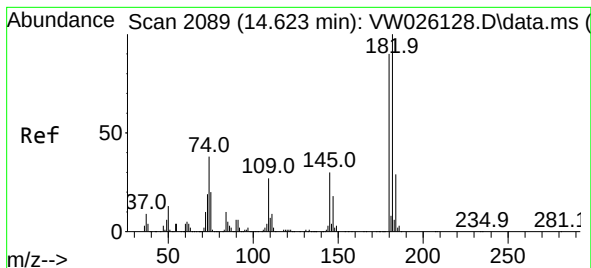
Ion Ratio Lower Upper

75 100

155 65.4 59.0 88.6

157 87.4 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 22.316 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

Tgt Ion:180 Resp: 345017

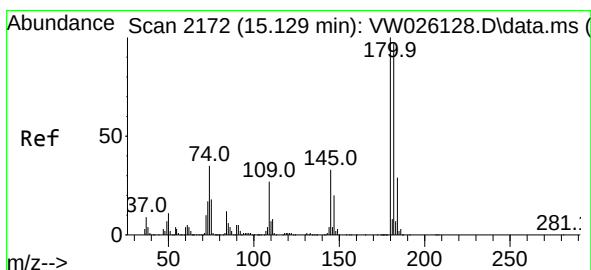
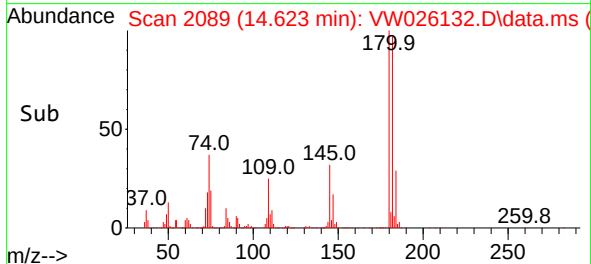
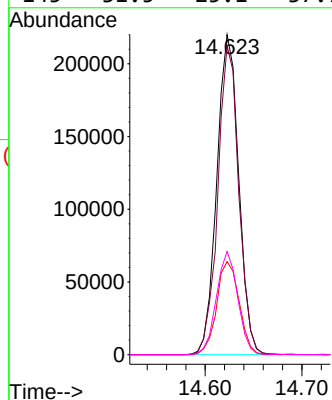
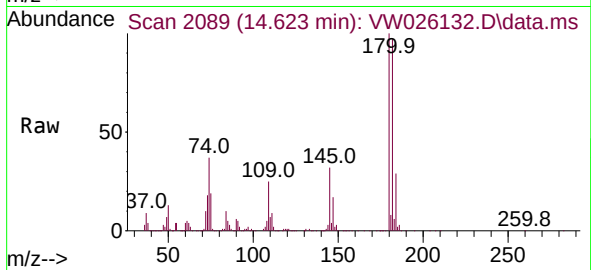
Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

184 30.0 23.7 35.5

145 31.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.658 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

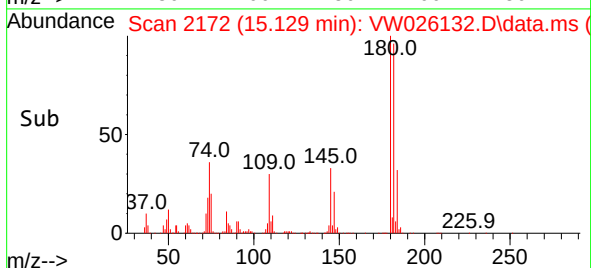
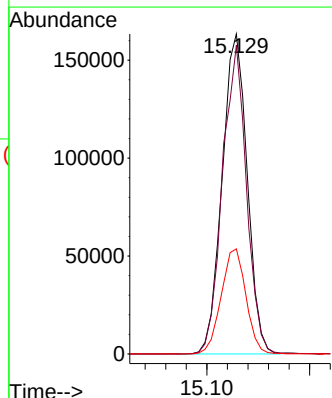
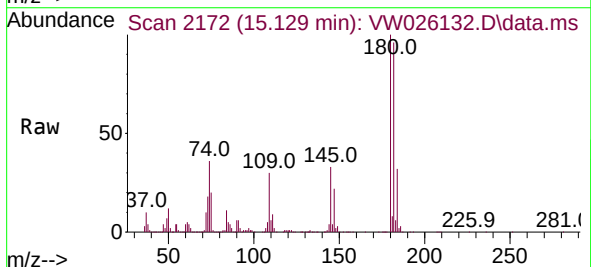
Tgt Ion:180 Resp: 276297

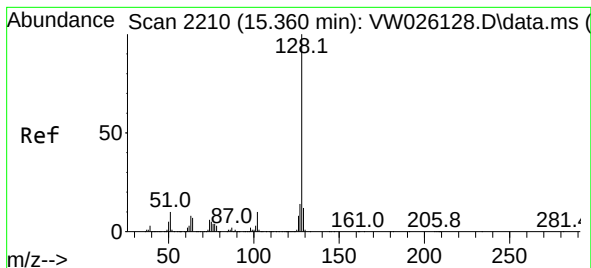
Ion Ratio Lower Upper

180 100

182 92.8 78.9 118.3

145 32.5 27.2 40.8





#71

Naphthalene

Concen: 23.949 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025511

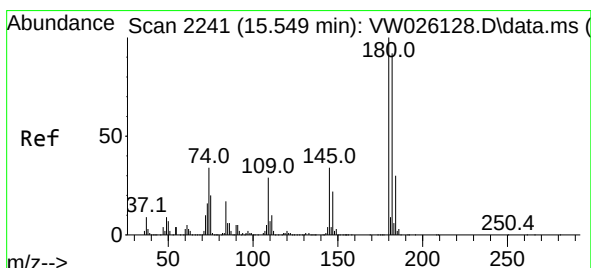
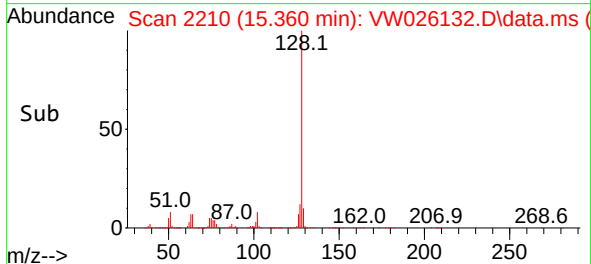
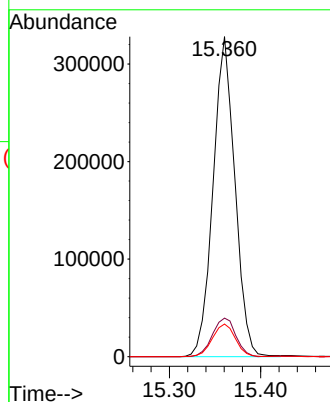
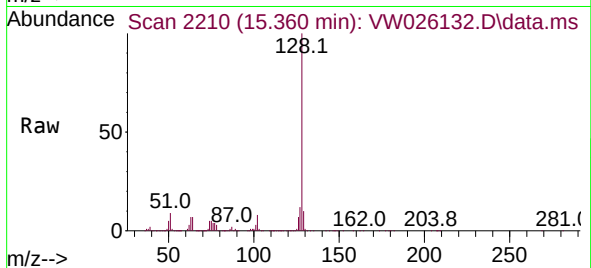
Tgt Ion:128 Resp: 544543

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.243 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026132.D

Acq: 08 Jun 2023 13:33

Tgt Ion:180 Resp: 248002

Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 34.8 27.0 40.6

