

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026106.D
 Acq On : 06 Jun 2023 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Jun 07 01:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 01 01:27:52 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	684070	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	622806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	313056	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	271183	28.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.720%		
7) Chloroethane-d5		2.893	69	218820	30.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.520%		
11) 1,1-Dichloroethene-d2		4.021	65	133179	28.066	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.280%#		
21) 2-Butanone-d5		7.075	46	145571	51.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.920%		
24) Chloroform-d		7.648	84	529395	26.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.720%		
26) 1,2-Dichloroethane-d4		8.301	65	283856	25.914	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.640%		
32) Benzene-d6		8.270	84	1087614	25.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.800%		
36) 1,2-Dichloropropane-d6		9.270	67	339783	25.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.360%		
41) Toluene-d8		10.319	98	944350	25.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.640%		
43) trans-1,3-Dichloroprop...		10.575	79	126239	23.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.960%		
47) 2-Hexanone-d5		10.922	63	103926	49.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.280%		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	245951	25.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.840%		
66) 1,2-Dichlorobenzene-d4		13.848	152	279477	23.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.280%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.015	85	192542	22.960	ug/L	93
3) Chloromethane		2.222	50	278351	25.887	ug/L	98
5) Vinyl chloride		2.375	62	304890	26.527	ug/L	100
6) Bromomethane		2.789	94	162207	25.888	ug/L	100
8) Chloroethane		2.930	64	166501	26.808	ug/L	97
9) Trichlorofluoromethane		3.265	101	165216	22.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.082	101	241583	25.892	ug/L	92
12) 1,1-Dichloroethene		4.039	96	226447	26.000	ug/L	97
13) Acetone		4.118	43	123928	57.165	ug/L	97
14) Carbon disulfide		4.387	76	777055	25.273	ug/L	100
15) Methyl Acetate		4.667	43	118031	24.259	ug/L	100
16) Methylene chloride		4.917	84	236982	21.705	ug/L	99
17) trans-1,2-Dichloroethene		5.423	96	237793	24.334	ug/L	94
18) Methyl tert-butyl Ether		5.423	73	333222	21.636	ug/L	99
19) 1,1-Dichloroethane		6.216	63	485107	24.384	ug/L	99
20) cis-1,2-Dichloroethene		7.173	96	250194	24.171	ug/L	98
22) 2-Butanone		7.167	43	167046	54.017	ug/L	98
23) Bromochloromethane		7.514	128	105942	23.999	ug/L	93
25) Chloroform		7.673	83	444377	23.982	ug/L	99

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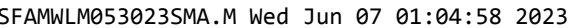
Instrument :
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 VSTD025506

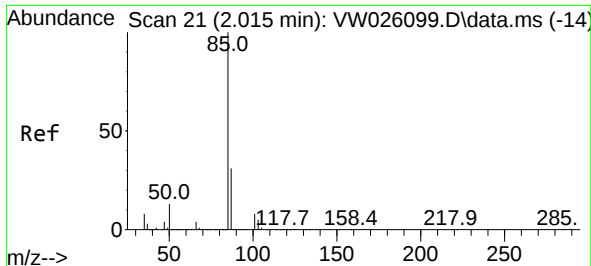
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305304	23.890	ug/L	100
29) Cyclohexane	7.959	56	466833	24.279	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	358547	23.723	ug/L	99
31) Carbon tetrachloride	8.069	117	336550	24.402	ug/L	98
33) Benzene	8.319	78	1026509	24.060	ug/L	100
34) Trichloroethene	9.093	95	255619	23.398	ug/L	95
35) Methylcyclohexane	9.337	83	473684	24.504	ug/L	100
37) 1,2-Dichloropropane	9.367	63	274014	23.712	ug/L	100
38) Bromodichloromethane	9.642	83	310808	23.151	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	401659	23.652	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	322251	47.300	ug/L	100
42) Toluene	10.386	91	1066308	24.435	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	326309	23.065	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	175784	23.081	ug/L	98
46) Tetrachloroethene	10.861	164	188549	24.401	ug/L	99
48) 2-Hexanone	10.965	43	242067	50.391	ug/L	97
49) Dibromochloromethane	11.123	129	189271	23.703	ug/L	94
50) 1,2-Dibromoethane	11.233	107	162006	22.974	ug/L	97
51) Chlorobenzene	11.654	112	638271	23.341	ug/L	97
52) Ethylbenzene	11.727	91	1198437	24.346	ug/L	97
53) m,p-Xylene	11.837	106	438675	23.955	ug/L	100
54) o-Xylene	12.166	106	412408	23.860	ug/L	96
55) Styrene	12.178	104	724796	24.443	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	216810	23.523	ug/L	96
59) Bromoform	12.349	173	103013	21.908	ug/L	100
60) Isopropylbenzene	12.458	105	1155762	23.501	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	154255	21.998	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	923197	23.614	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	848187	23.688	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	458415	22.169	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	482179	23.162	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	419727	22.604	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	34214	21.059	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	299781	21.105	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	241678	20.620	ug/L	98
71) Naphthalene	15.360	128	442596	21.188	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	218975	21.377	ug/L	98

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

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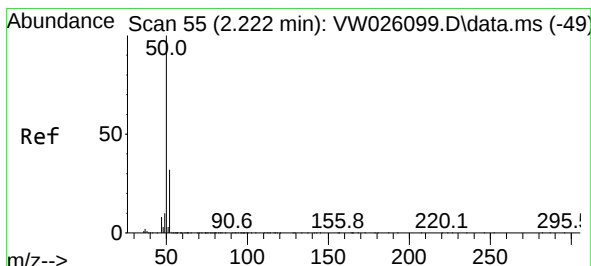
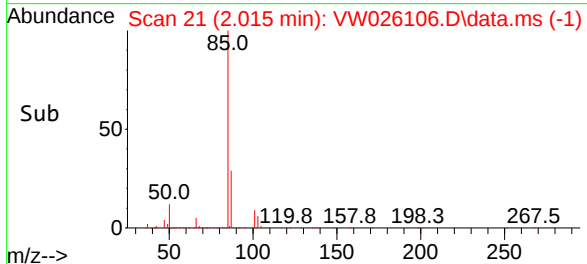
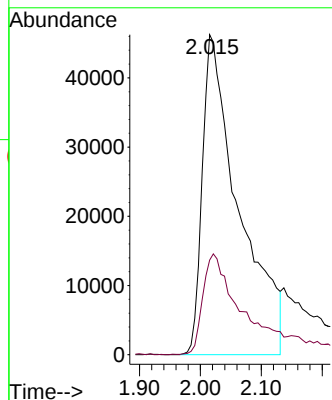
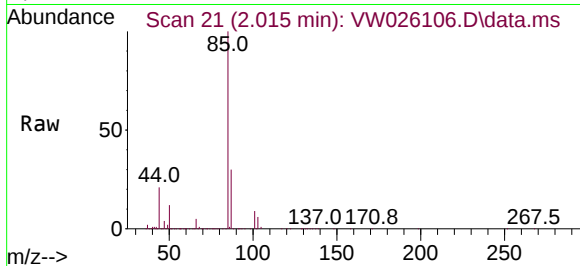




#2
Dichlorodifluoromethane
Concen: 22.960 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

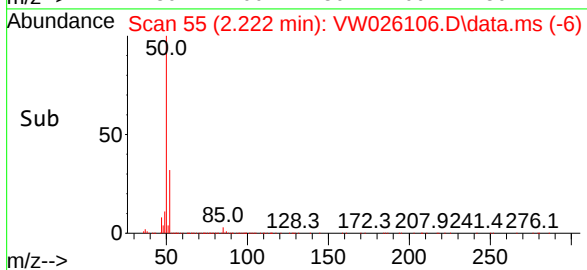
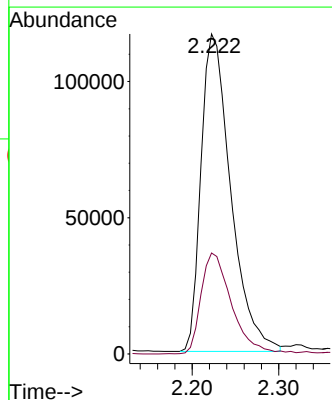
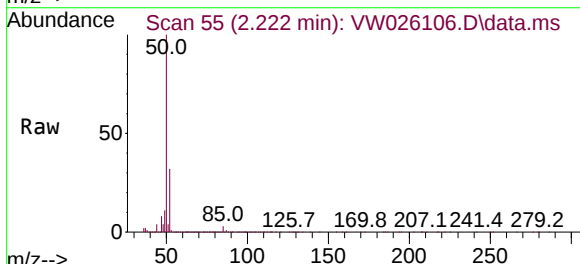
Instrument :
MSVOA_W
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VSTD025506

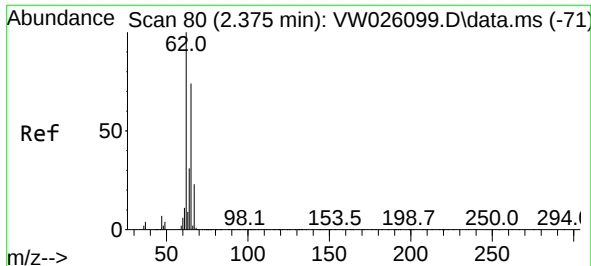
Tgt Ion: 85 Resp: 192542
Ion Ratio Lower Upper
85 100
87 24.0 22.2 33.2



#3
Chloromethane
Concen: 25.887 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 50 Resp: 278351
Ion Ratio Lower Upper
50 100
52 31.5 21.3 39.6

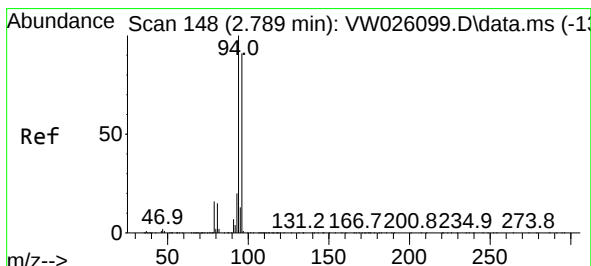
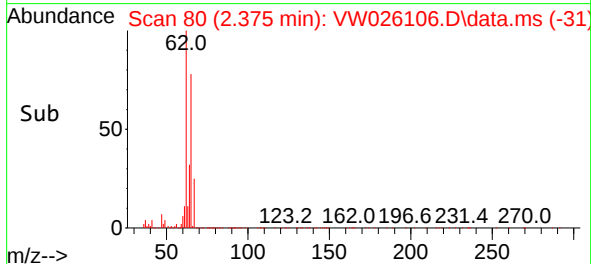
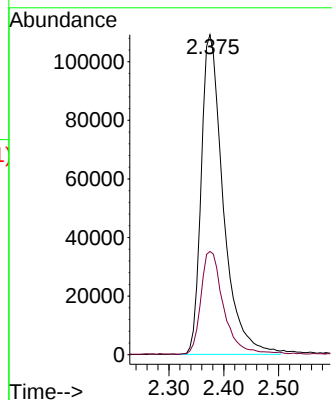
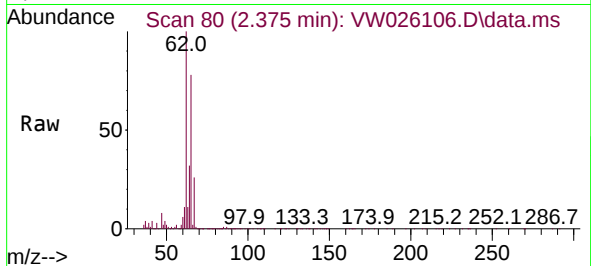




#5
 Vinyl chloride
 Concen: 26.527 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026106.D
 Acq: 06 Jun 2023 09:07

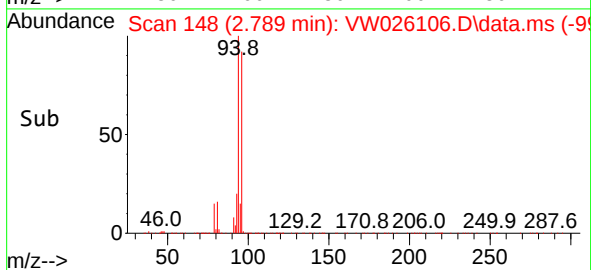
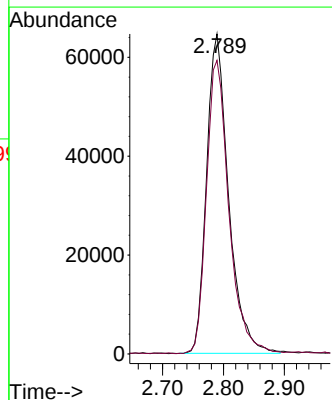
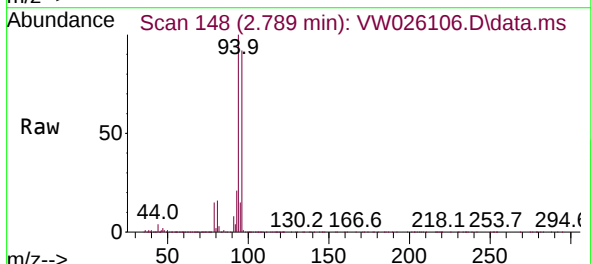
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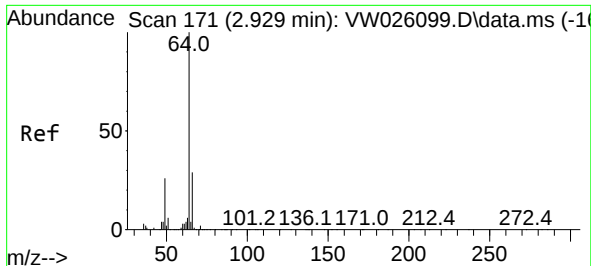
Tgt Ion: 62 Resp: 304890
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.1



#6
 Bromomethane
 Concen: 25.888 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026106.D
 Acq: 06 Jun 2023 09:07

Tgt Ion: 94 Resp: 162207
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.2 119.2

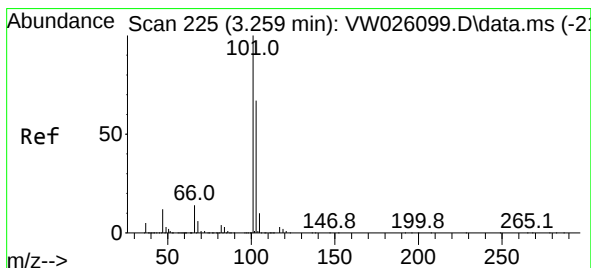
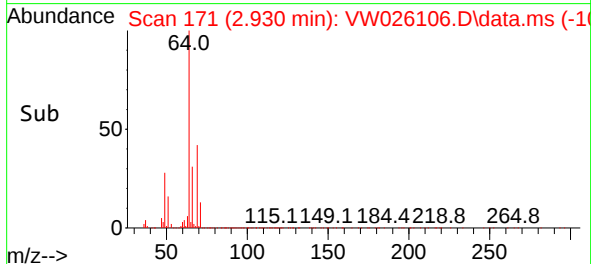
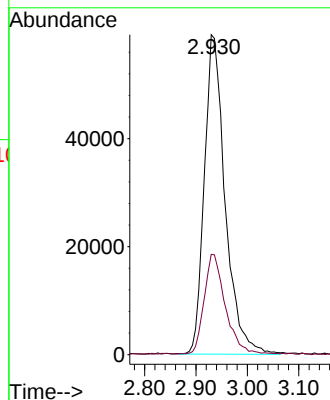
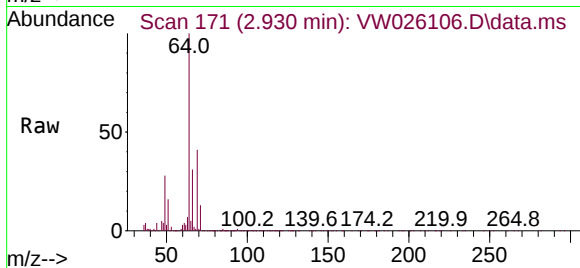




#8
Chloroethane
Concen: 26.808 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

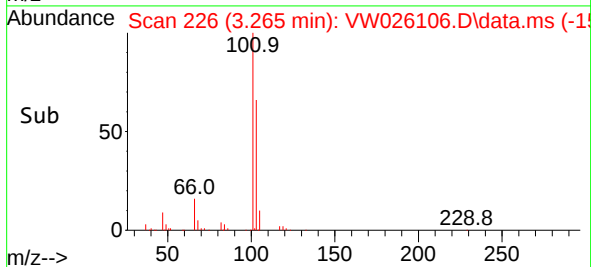
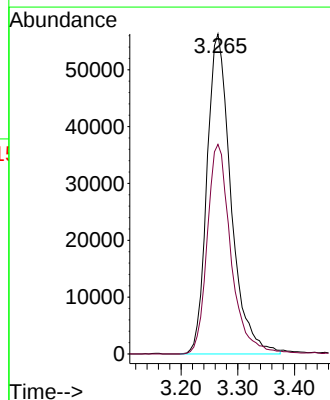
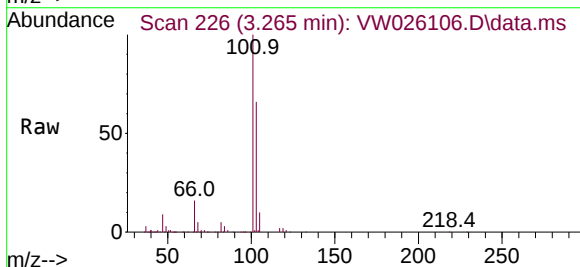
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ClientSampleId :
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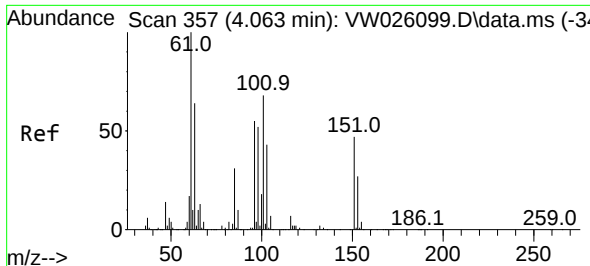
Tgt Ion: 64 Resp: 166501
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.344 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 101 Resp: 165216
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

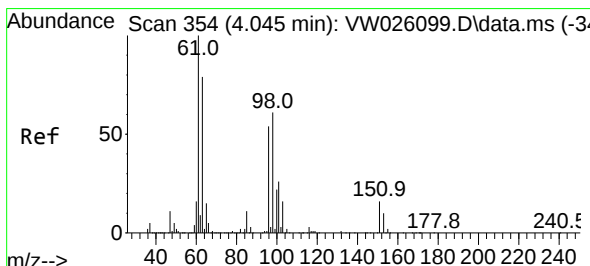
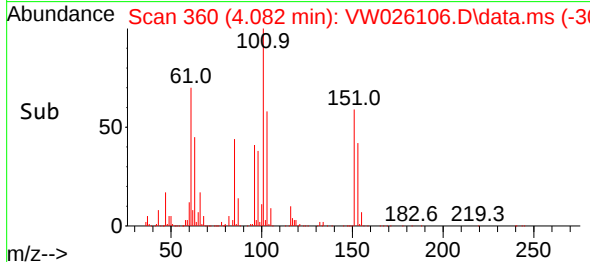
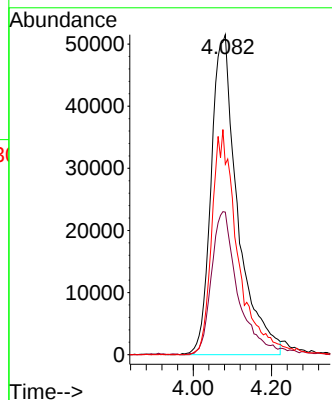
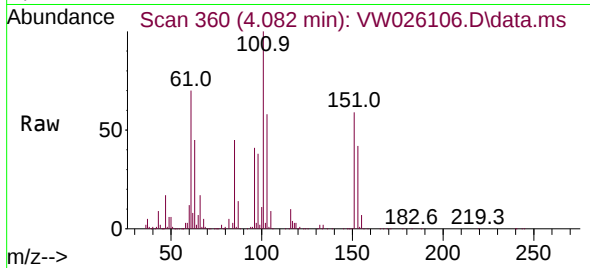




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.892 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VW026106.D
 Acq: 06 Jun 2023 09:07

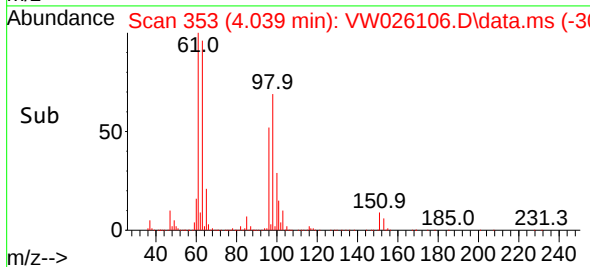
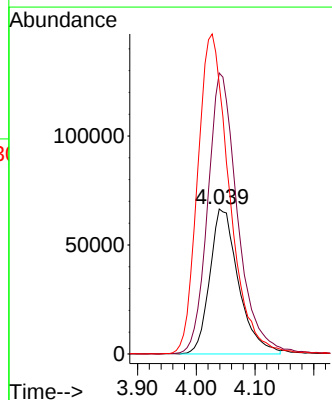
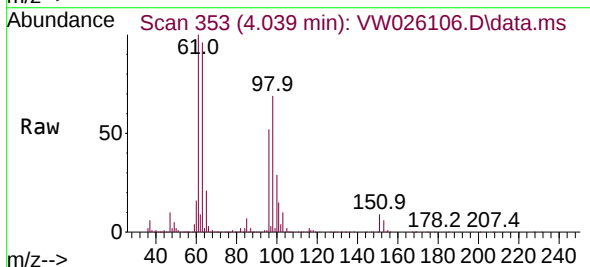
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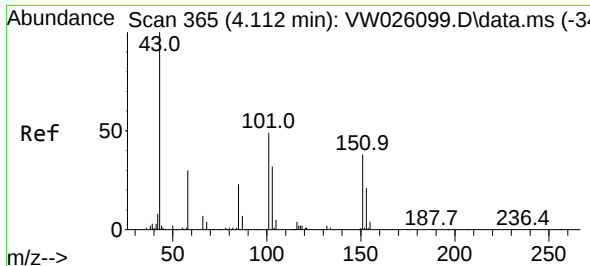
Tgt Ion:101 Resp: 241583
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.1 54.1
 151 58.9 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 26.000 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026106.D
 Acq: 06 Jun 2023 09:07

Tgt Ion: 96 Resp: 226447
 Ion Ratio Lower Upper
 96 100
 61 193.7 140.6 261.0
 63 186.1 131.7 244.5

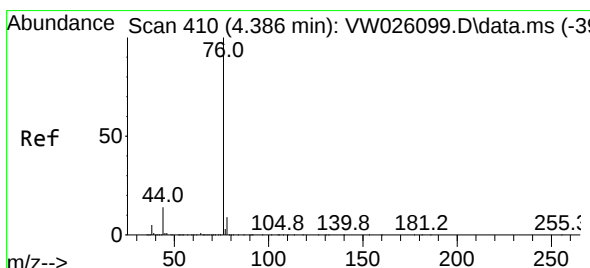
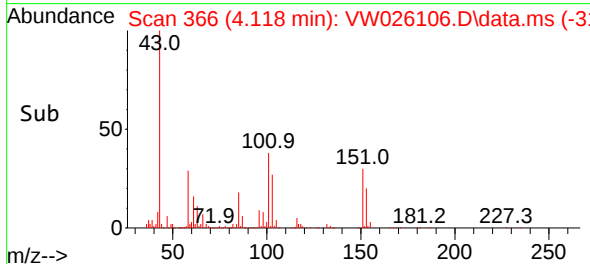
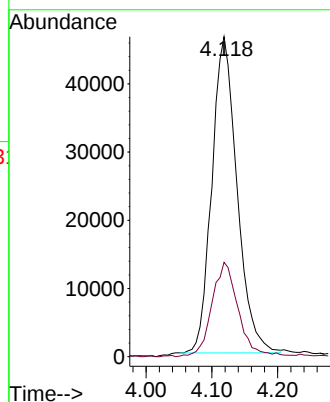
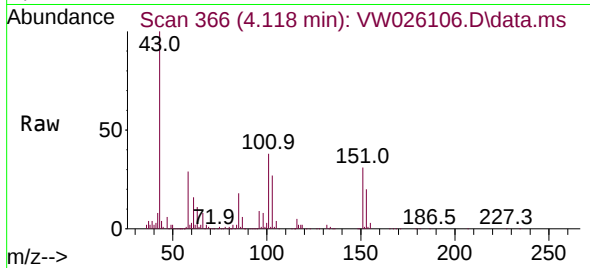




#13
Acetone
Concen: 57.165 ug/L
RT: 4.118 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

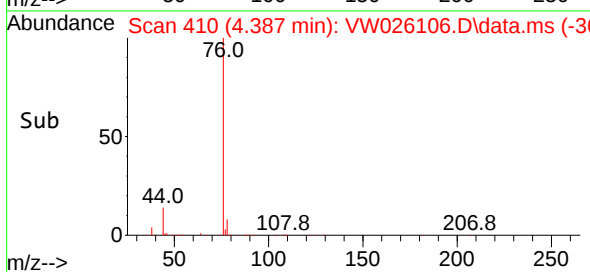
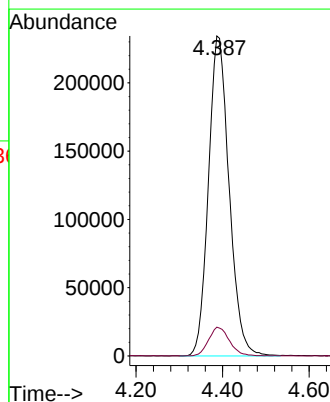
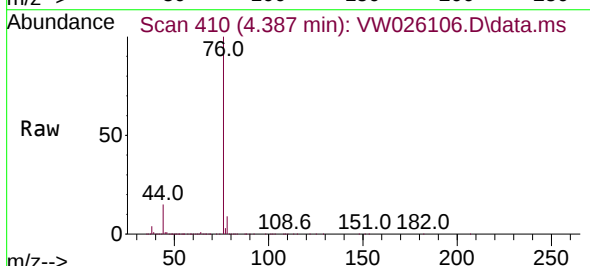
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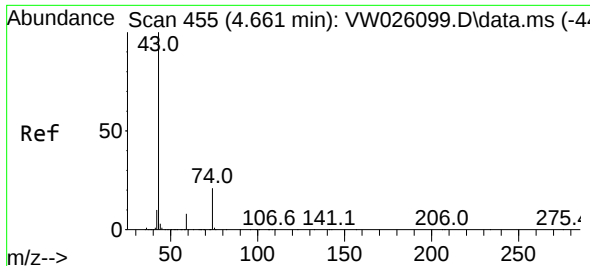
Tgt Ion: 43 Resp: 123928
Ion Ratio Lower Upper
43 100
58 30.7 0.0 58.2



#14
Carbon disulfide
Concen: 25.273 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 76 Resp: 777055
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

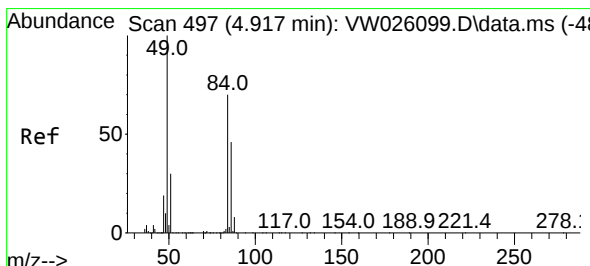
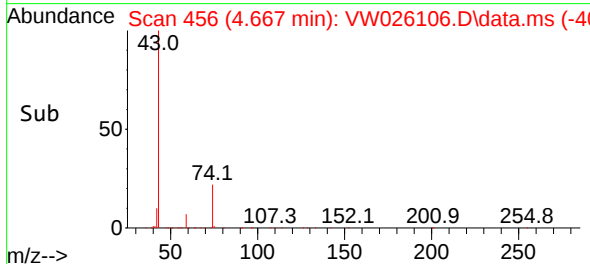
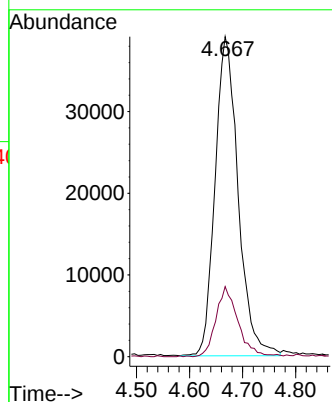
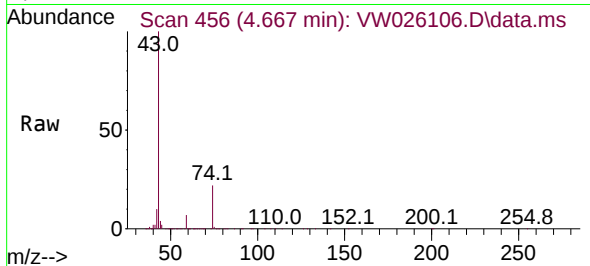




#15
Methyl Acetate
Concen: 24.259 ug/L
RT: 4.667 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

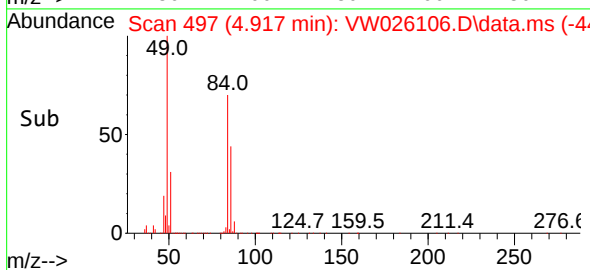
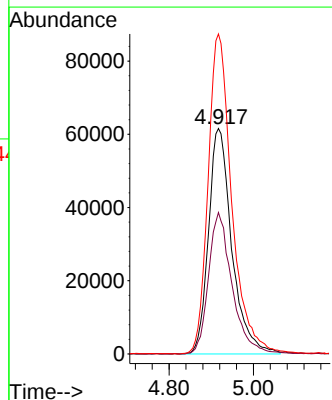
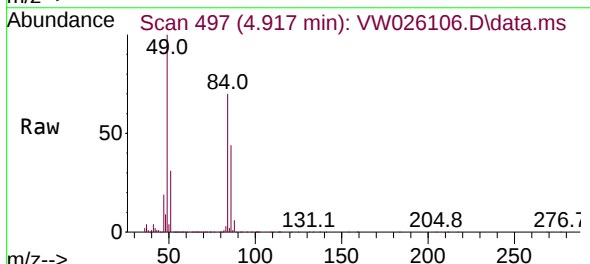
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

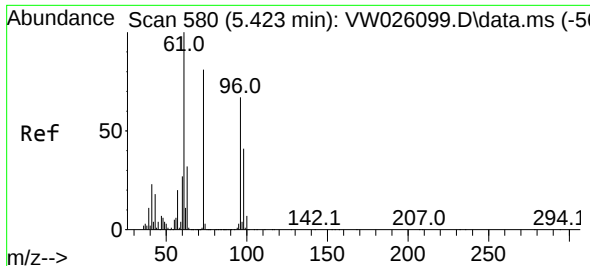
Tgt Ion: 43 Resp: 118031
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 21.705 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 84 Resp: 236982
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.0
49 141.9 98.8 183.6

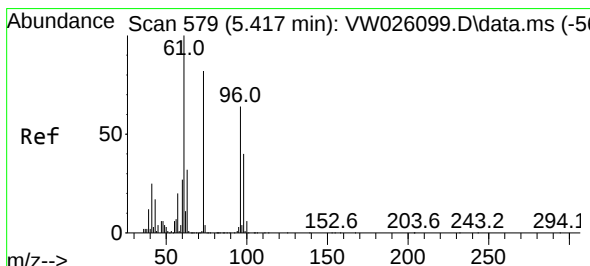
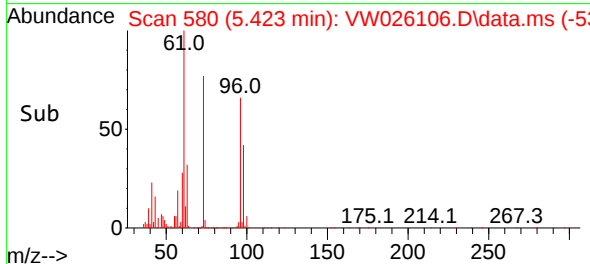
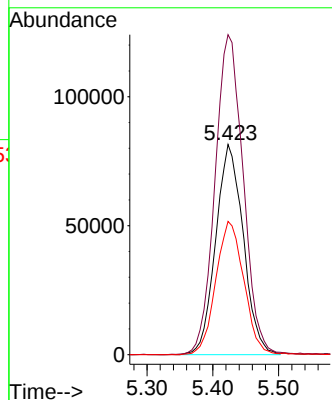
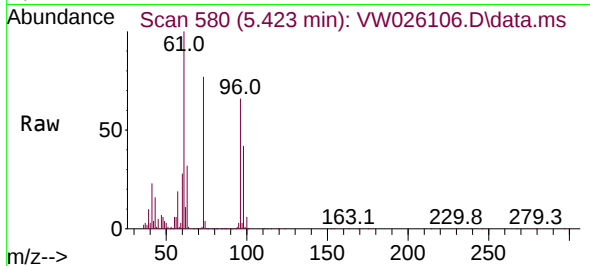




#17
trans-1,2-Dichloroethene
Concen: 24.334 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

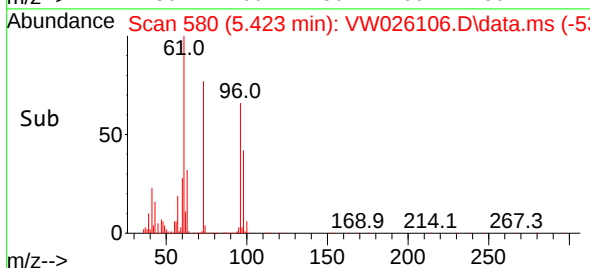
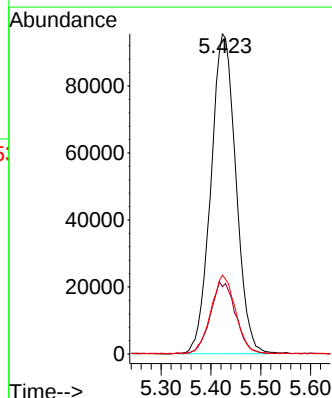
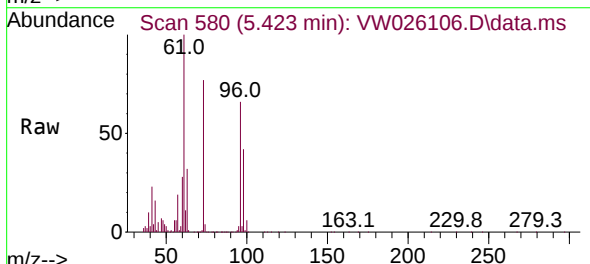
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

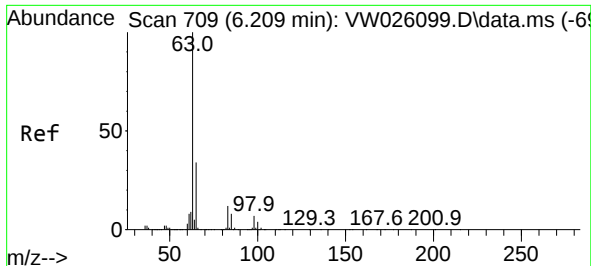
Tgt Ion: 96 Resp: 237793
Ion Ratio Lower Upper
96 100
61 152.2 113.0 209.8
98 63.4 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.636 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 73 Resp: 333222
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 24.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.384 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

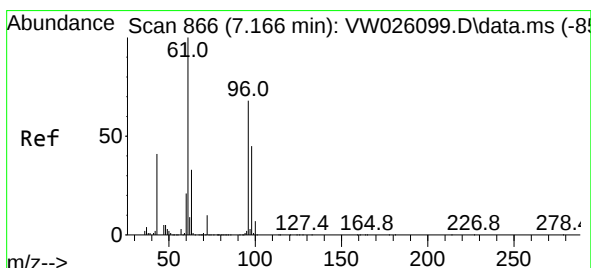
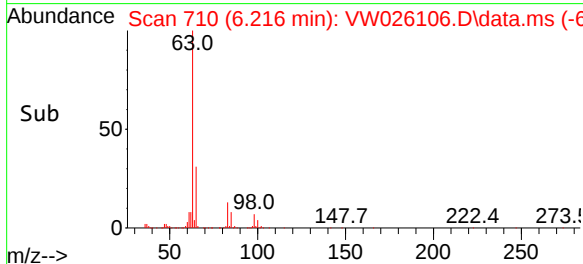
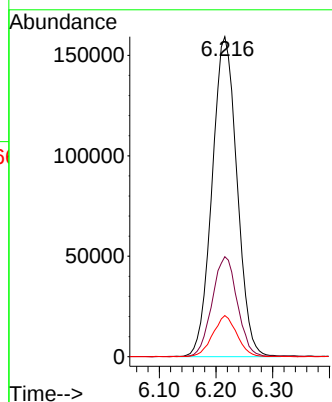
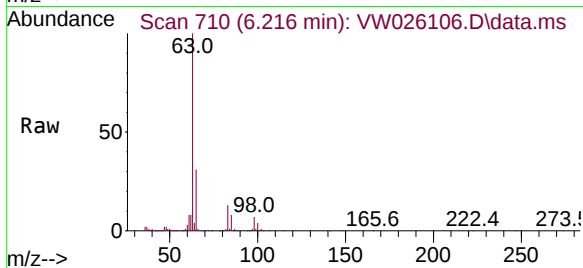
Tgt Ion: 63 Resp: 485107

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.171 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

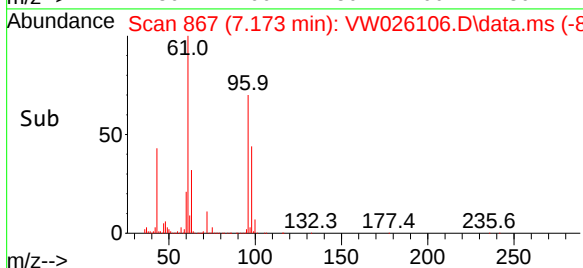
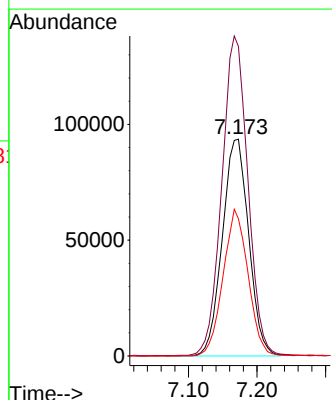
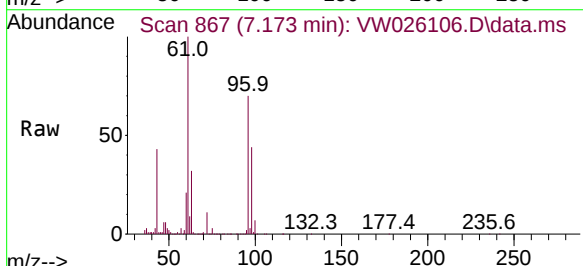
Tgt Ion: 96 Resp: 250194

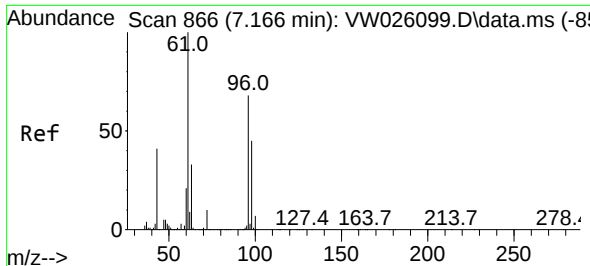
Ion Ratio Lower Upper

96 100

61 142.7 98.4 182.8

98 63.3 45.2 84.0

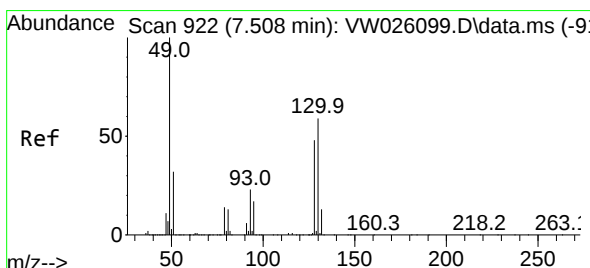
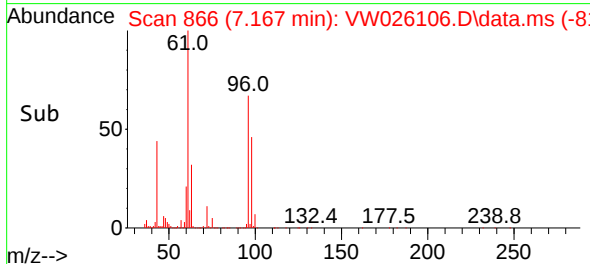
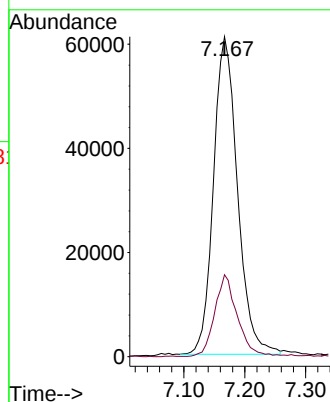
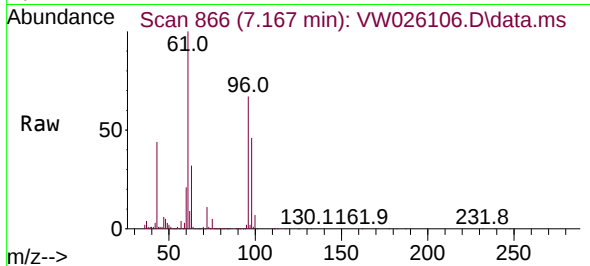




#22
2-Butanone
Concen: 54.017 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

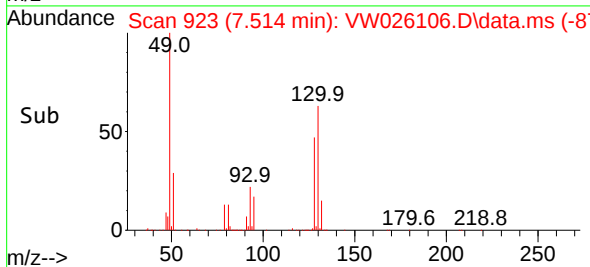
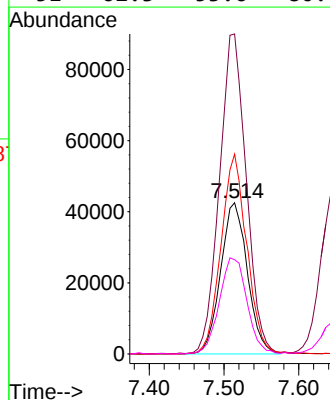
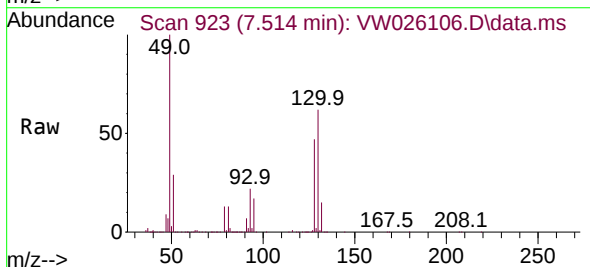
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

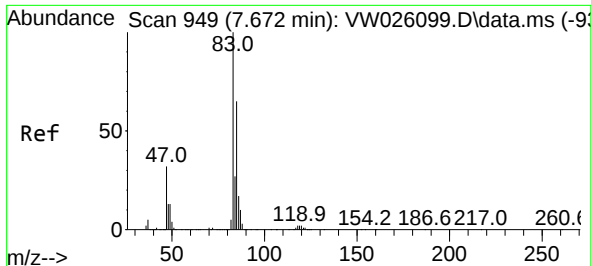
Tgt Ion: 43 Resp: 167046
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 23.999 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 128 Resp: 105942
Ion Ratio Lower Upper
128 100
49 211.7 140.6 261.0
130 132.2 86.0 159.6
51 62.3 53.6 80.4





#25

Chloroform

Concen: 23.982 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

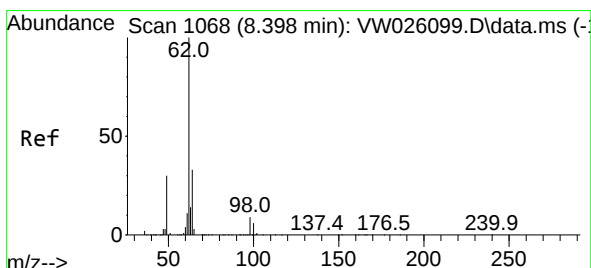
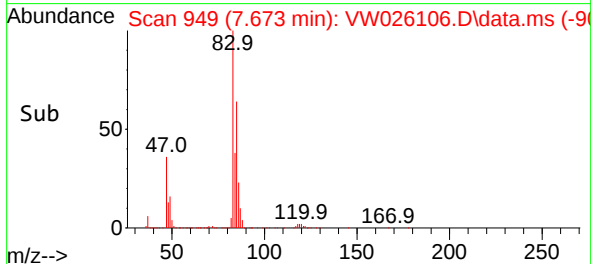
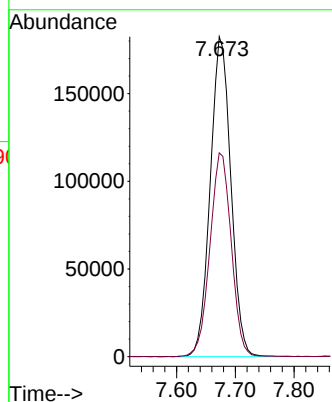
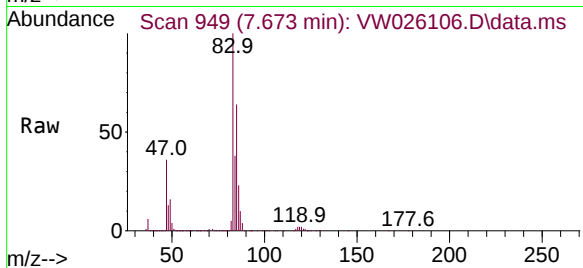
VSTD025506

Tgt Ion: 83 Resp: 444377

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.890 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026106.D

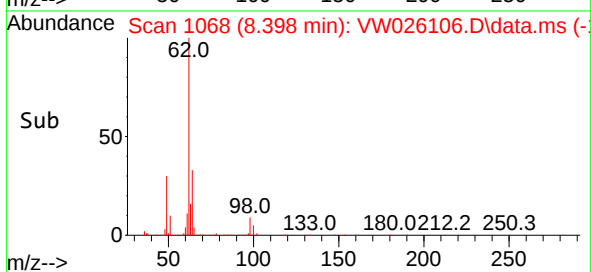
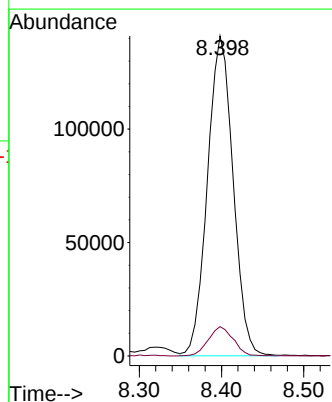
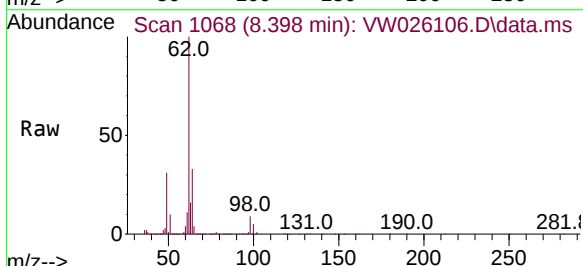
Acq: 06 Jun 2023 09:07

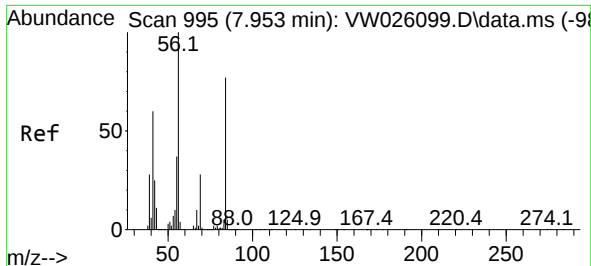
Tgt Ion: 62 Resp: 305304

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2

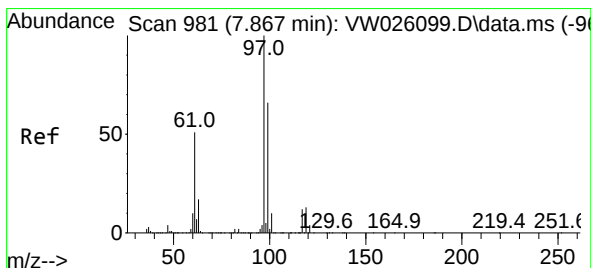
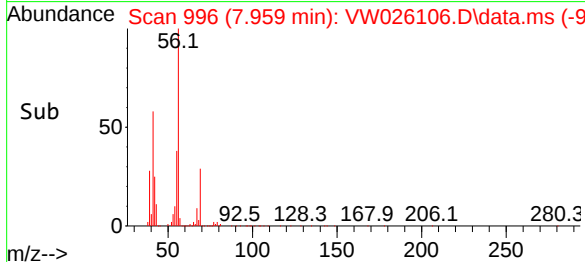
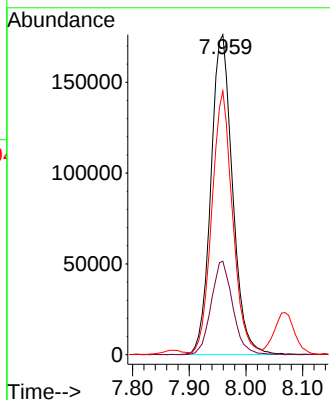
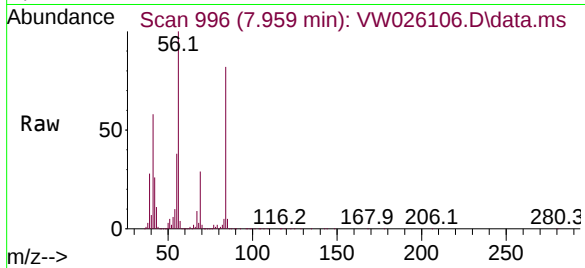




#29
Cyclohexane
Concen: 24.279 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

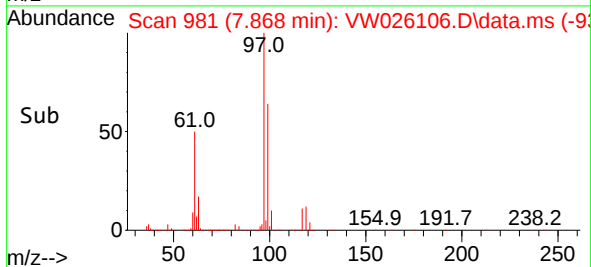
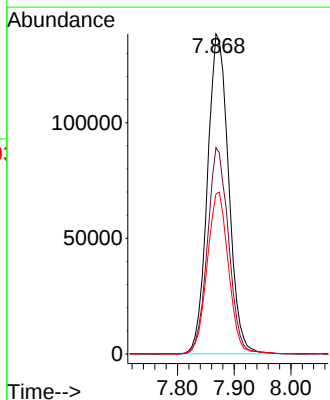
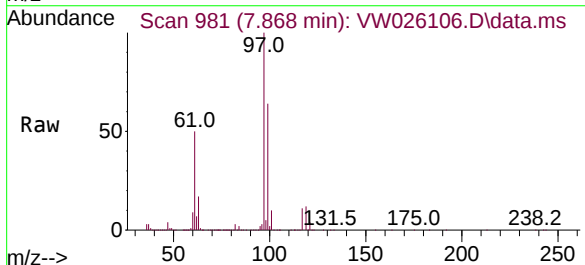
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

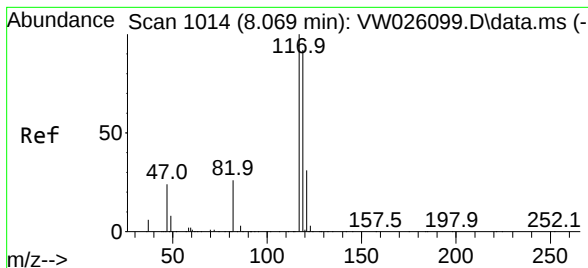
Tgt Ion: 56 Resp: 466833
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 79.2 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.723 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 97 Resp: 358547
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 51.3 40.5 60.7

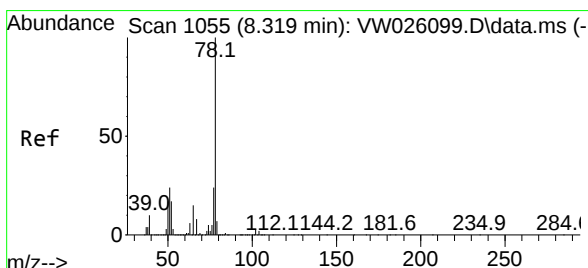
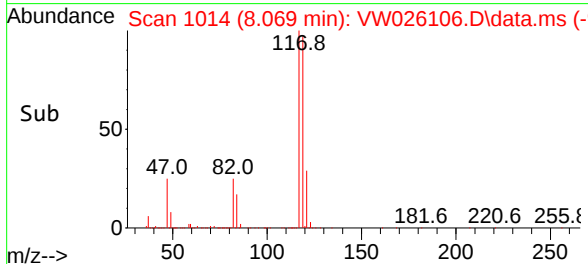
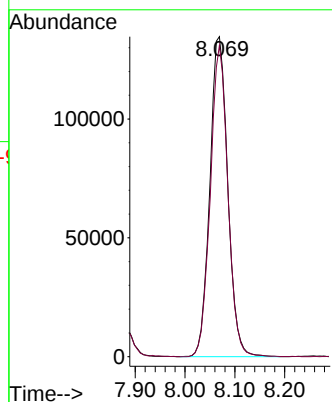
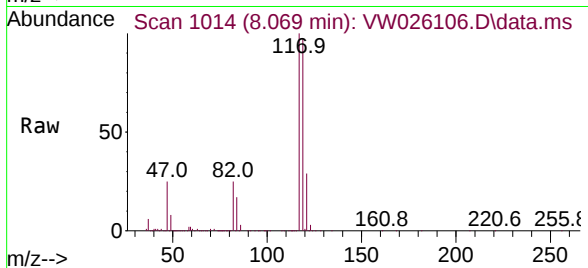




#31
Carbon tetrachloride
Concen: 24.402 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

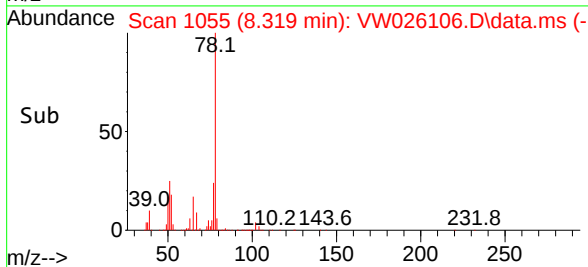
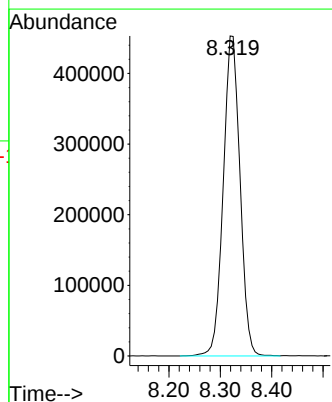
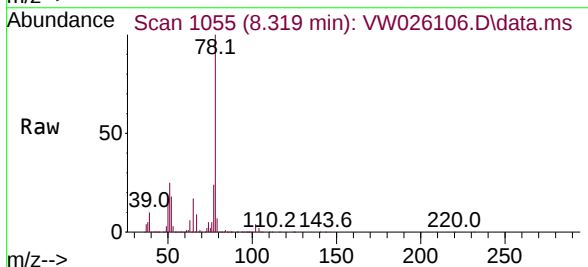
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

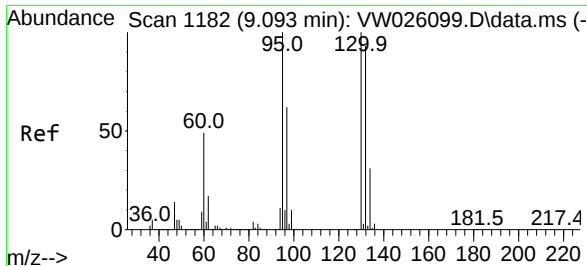
Tgt Ion:117 Resp: 336550
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2



#33
Benzene
Concen: 24.060 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 78 Resp: 1026509

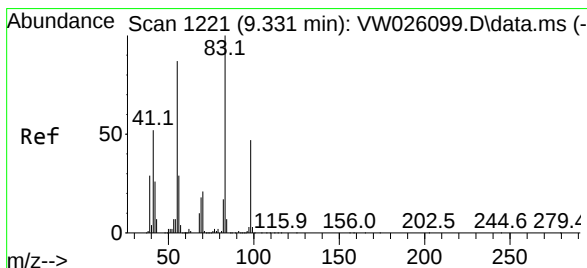
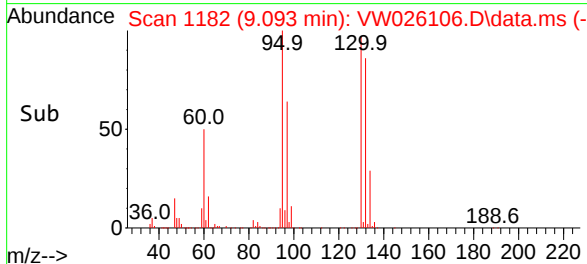
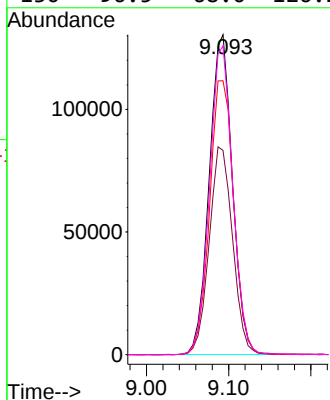
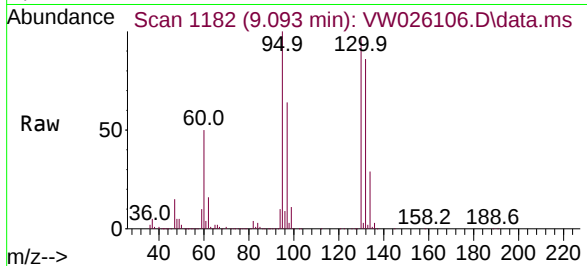




#34
Trichloroethene
Concen: 23.398 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

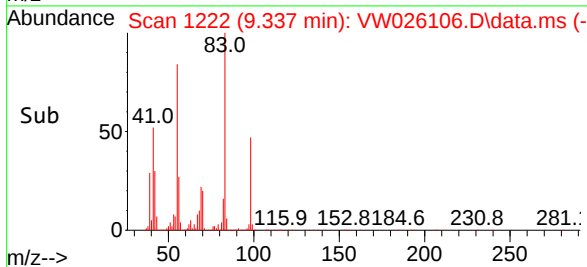
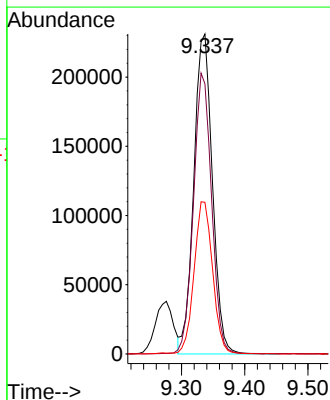
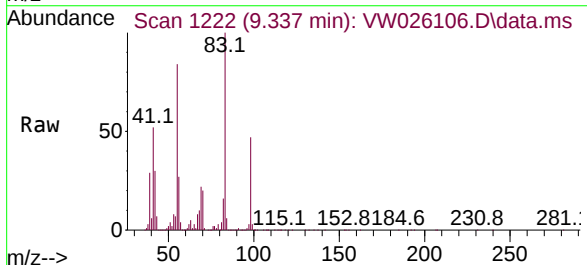
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

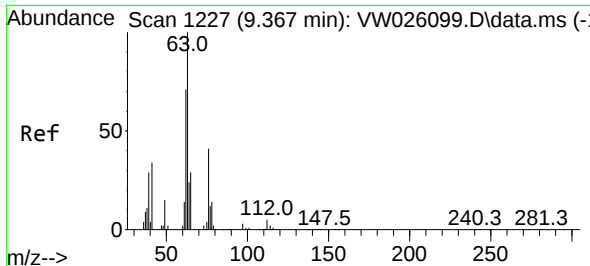
Tgt Ion: 95 Resp: 255619
Ion Ratio Lower Upper
95 100
97 63.9 45.9 85.3
132 85.6 67.1 124.7
130 96.5 68.0 126.2



#35
Methylcyclohexane
Concen: 24.504 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 83 Resp: 473684
Ion Ratio Lower Upper
83 100
55 85.5 68.2 102.4
98 47.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.712 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

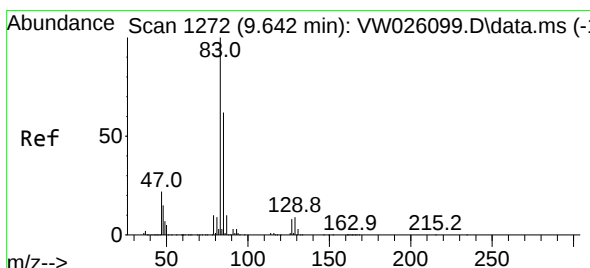
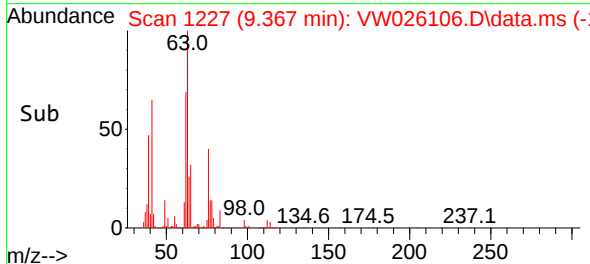
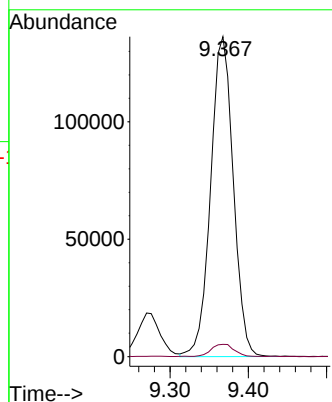
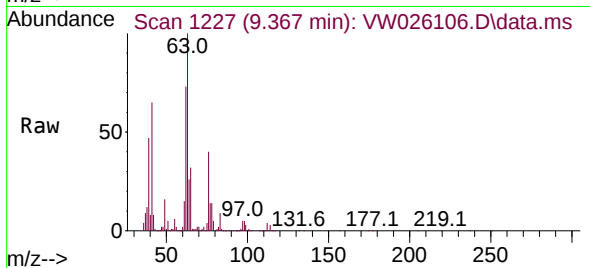
VSTD025506

Tgt Ion: 63 Resp: 274014

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 23.151 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

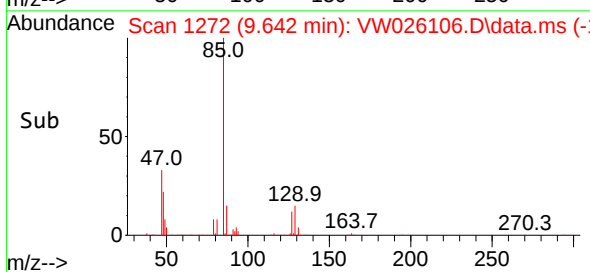
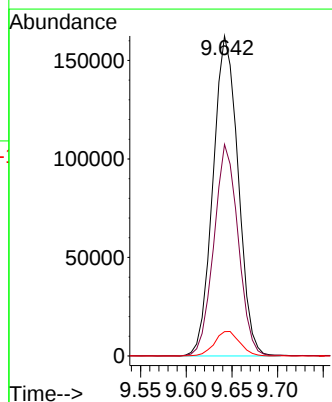
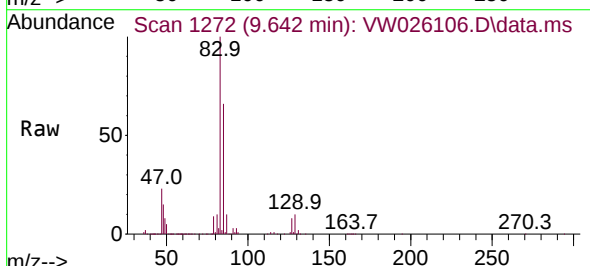
Tgt Ion: 83 Resp: 310808

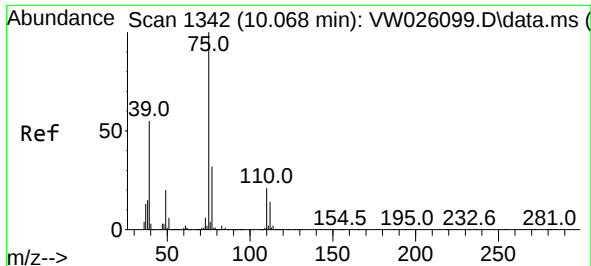
Ion Ratio Lower Upper

83 100

85 66.1 44.2 82.0

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.652 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

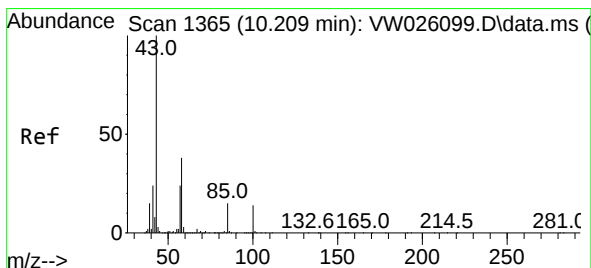
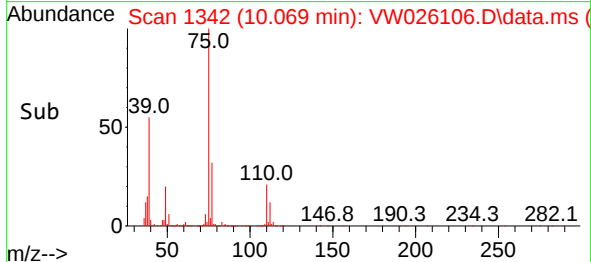
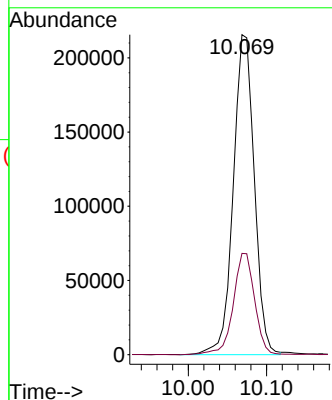
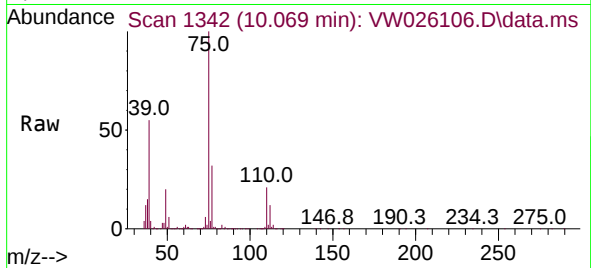
VSTD025506

Tgt Ion: 75 Resp: 401659

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.300 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

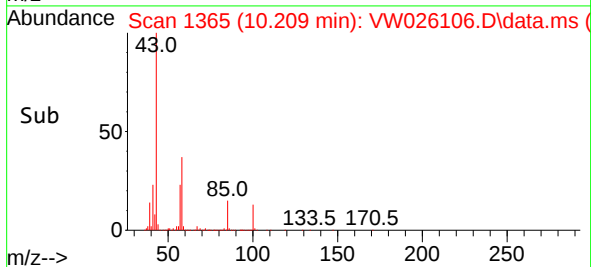
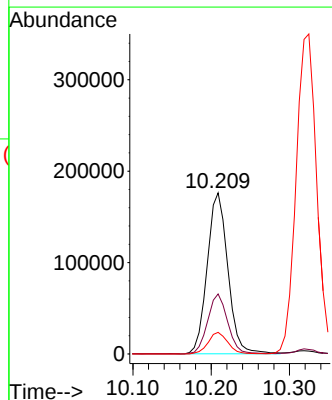
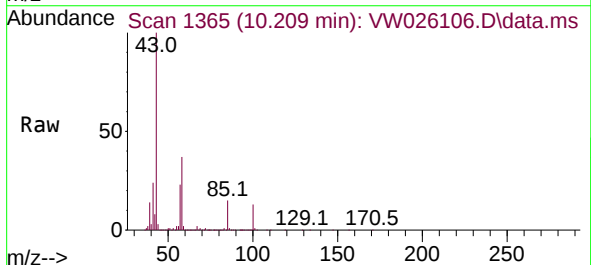
Tgt Ion: 43 Resp: 322251

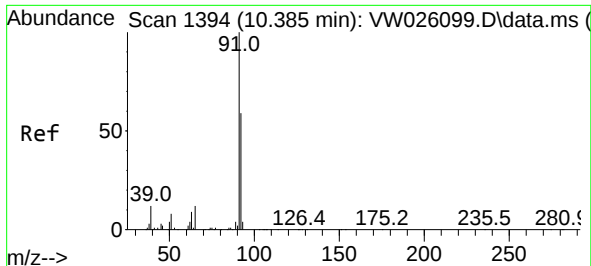
Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4

100 12.8 10.5 15.7





#42

Toluene

Concen: 24.435 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

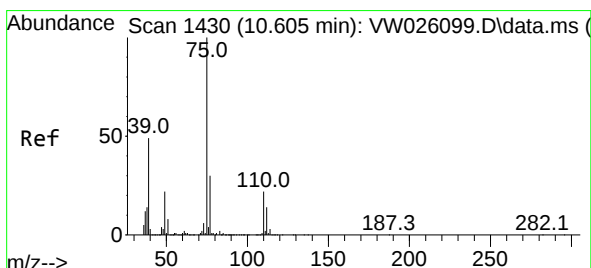
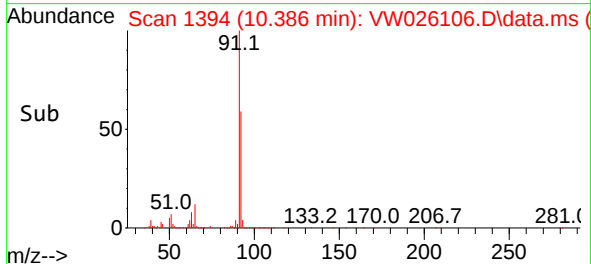
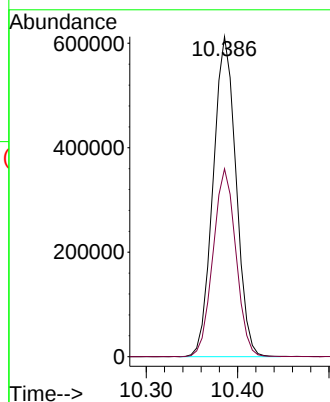
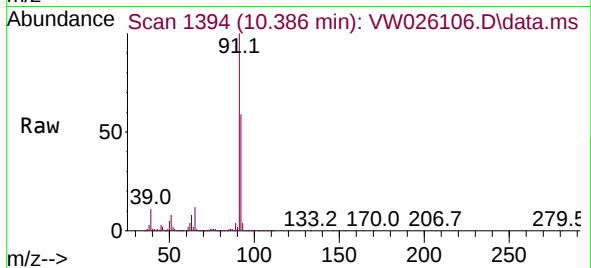
VSTD025506

Tgt Ion: 91 Resp: 1066308

Ion Ratio Lower Upper

91 100

92 58.7 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 23.065 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026106.D

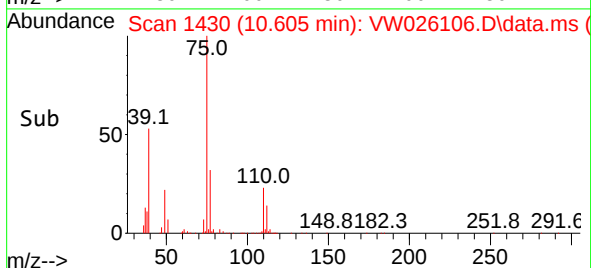
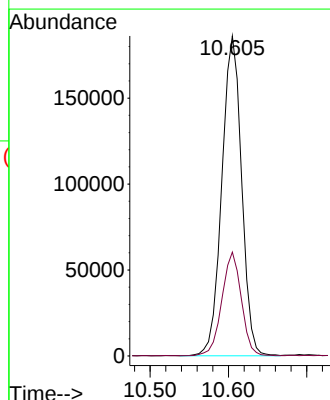
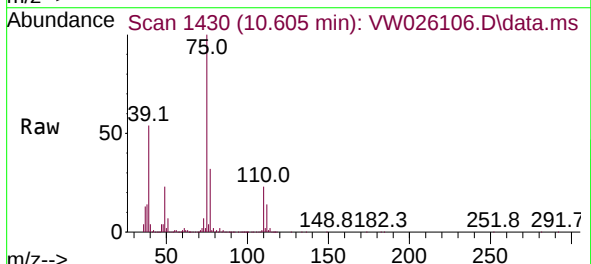
Acq: 06 Jun 2023 09:07

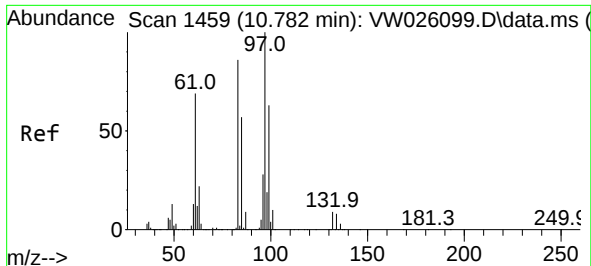
Tgt Ion: 75 Resp: 326309

Ion Ratio Lower Upper

75 100

77 32.5 21.1 39.3

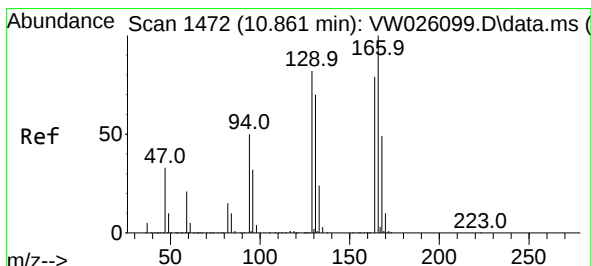
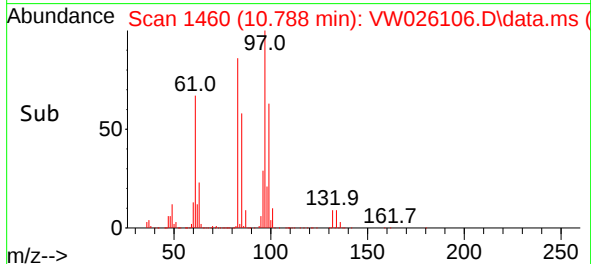
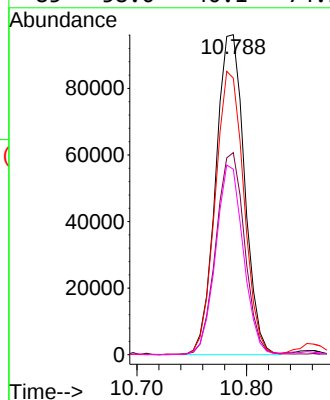
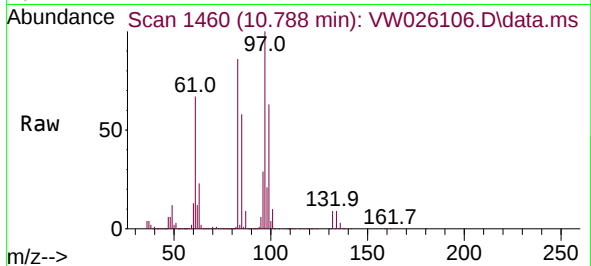




#45
1,1,2-Trichloroethane
Concen: 23.081 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

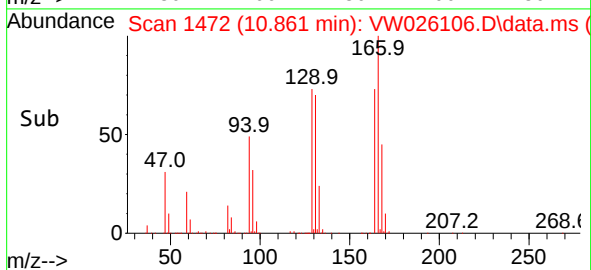
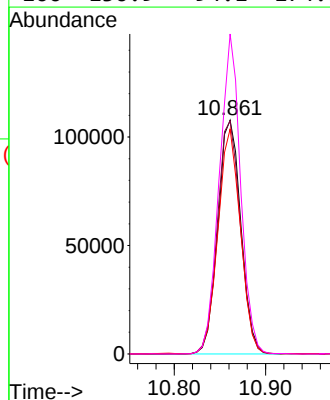
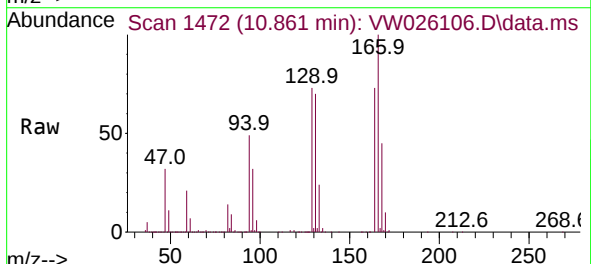
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

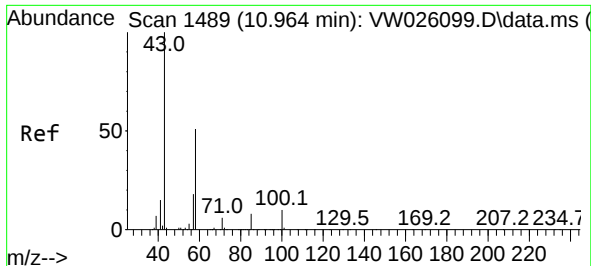
Tgt Ion:	97	Resp:	175784
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.5
83	86.4	62.9	116.9
85	58.0	40.1	74.5



#46
Tetrachloroethene
Concen: 24.401 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion:	164	Resp:	188549
Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.5	127.1
131	96.3	67.1	124.7
166	136.9	94.1	174.8

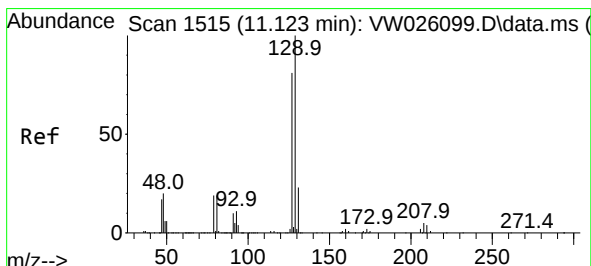
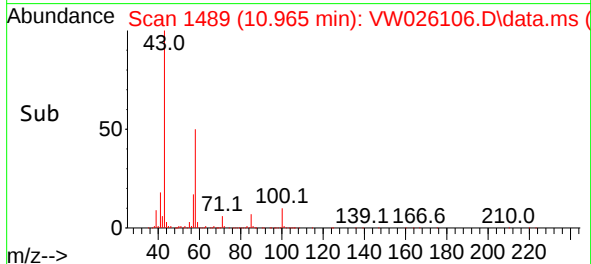
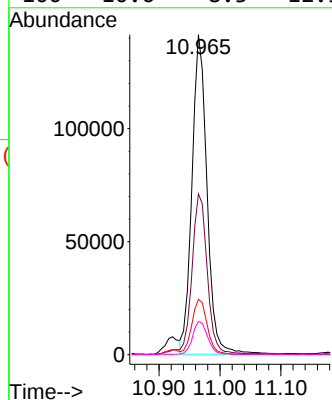
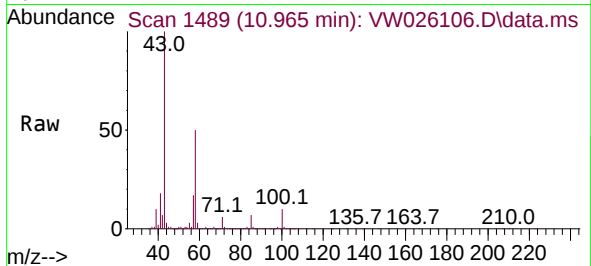




#48
2-Hexanone
Concen: 50.391 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

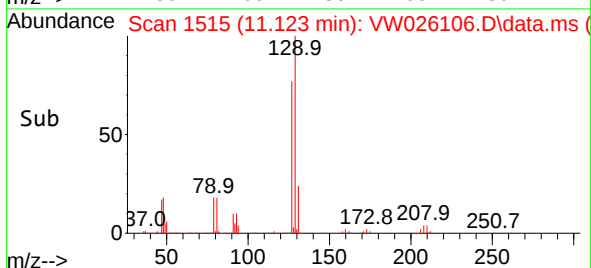
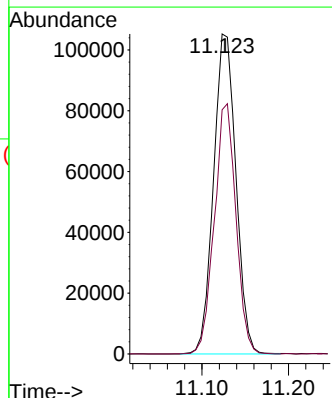
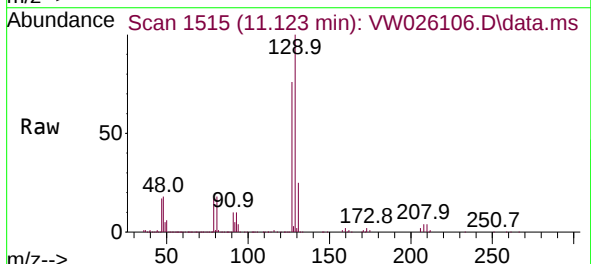
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

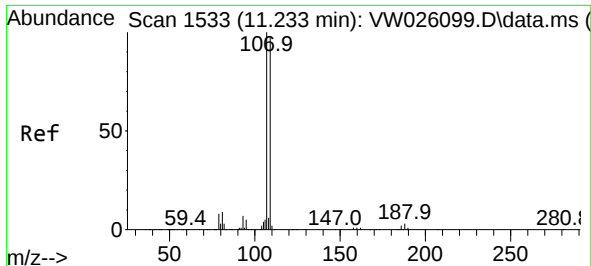
Tgt Ion: 43 Resp: 242067
Ion Ratio Lower Upper
43 100
58 49.7 42.2 63.2
57 17.7 14.2 21.2
100 10.6 8.3 12.5



#49
Dibromochloromethane
Concen: 23.703 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 129 Resp: 189271
Ion Ratio Lower Upper
129 100
127 76.3 56.9 105.7





#50

1,2-Dibromoethane

Concen: 22.974 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

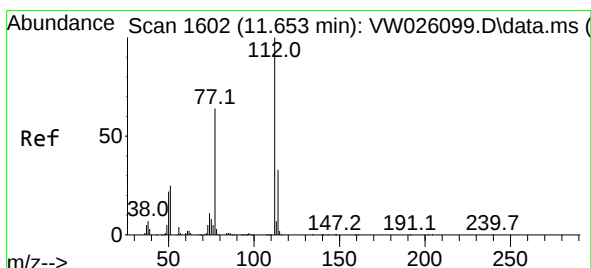
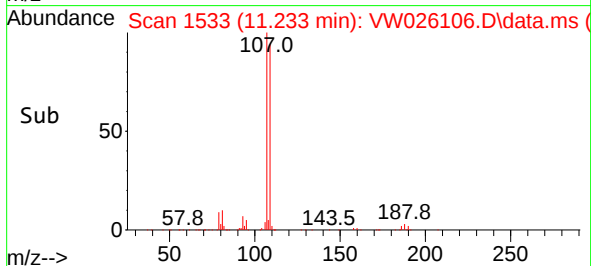
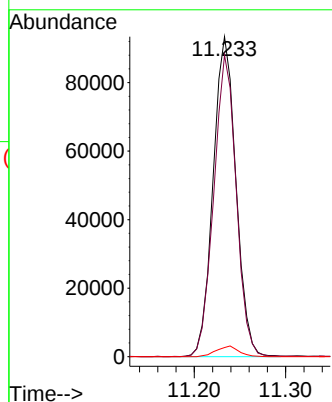
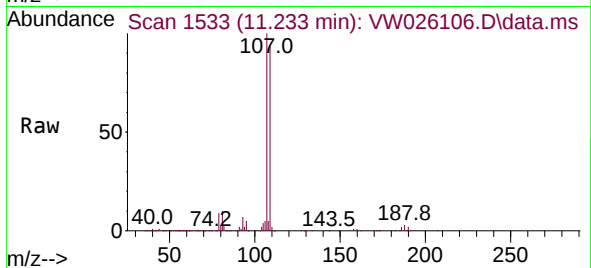
Tgt Ion:107 Resp: 162006

Ion Ratio Lower Upper

107 100

109 94.2 64.0 119.0

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 23.341 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

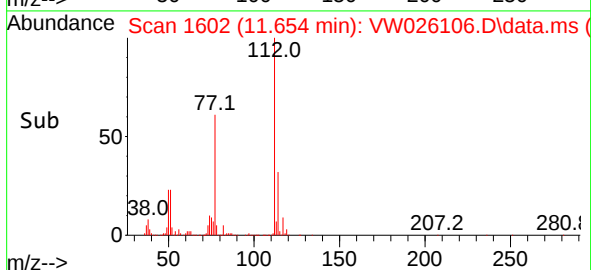
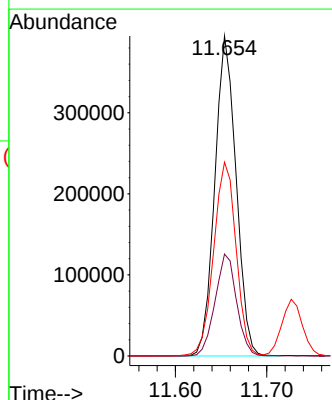
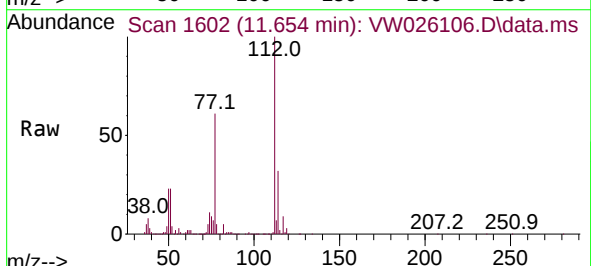
Tgt Ion:112 Resp: 638271

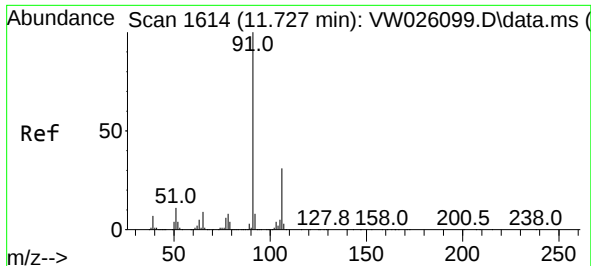
Ion Ratio Lower Upper

112 100

114 31.9 23.0 42.6

77 60.6 50.9 76.3

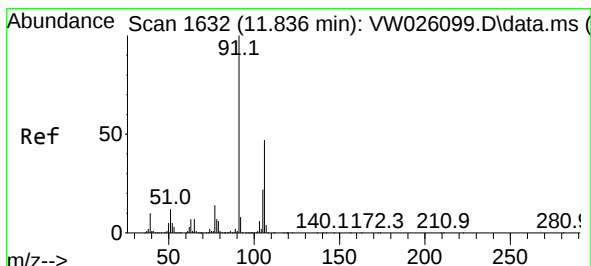
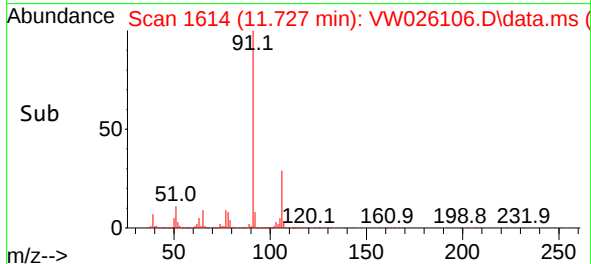
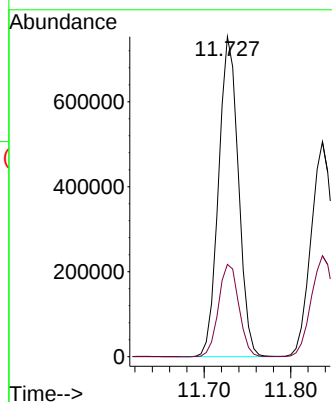
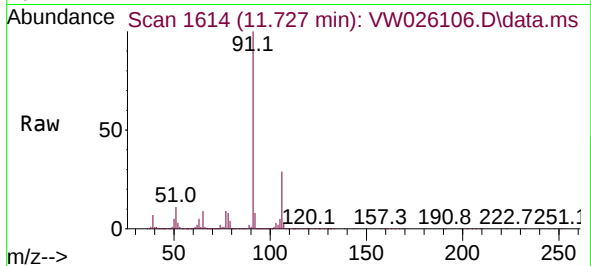




#52
Ethylbenzene
Concen: 24.346 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

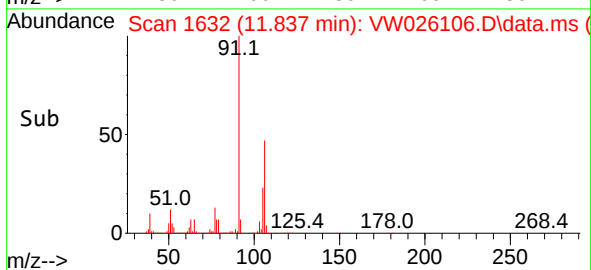
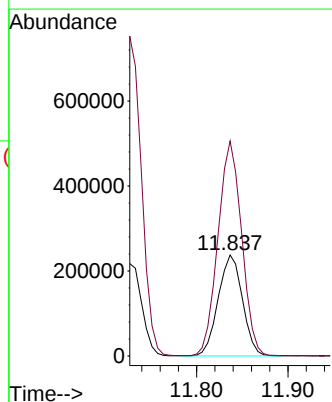
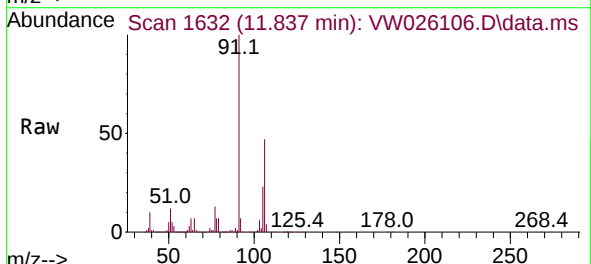
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

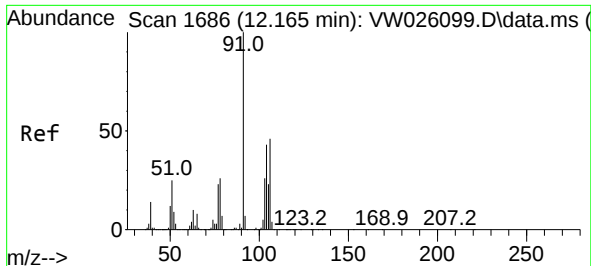
Tgt Ion: 91 Resp: 1198437
Ion Ratio Lower Upper
91 100
106 28.8 21.2 39.4



#53
m,p-Xylene
Concen: 23.955 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 106 Resp: 438675
Ion Ratio Lower Upper
106 100
91 212.9 149.5 277.7

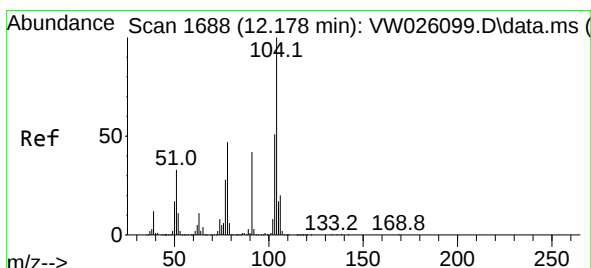
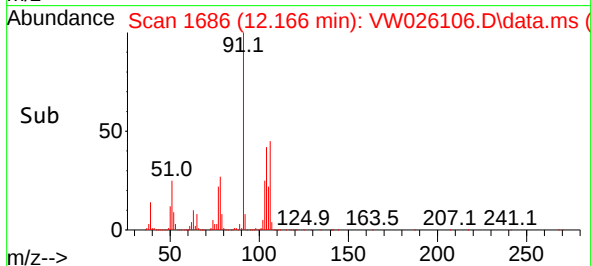
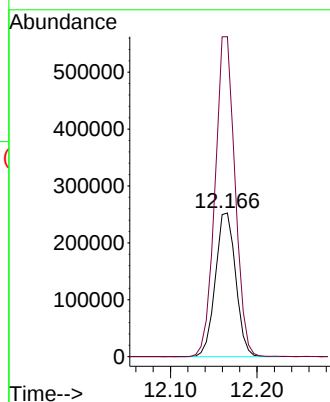
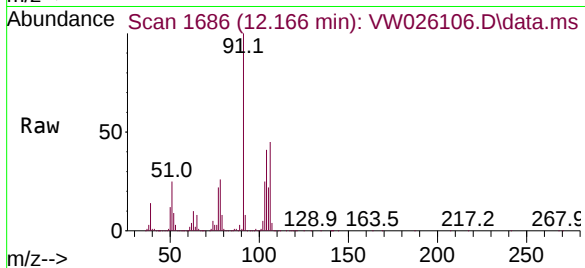




#54
o-Xylene
Concen: 23.860 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

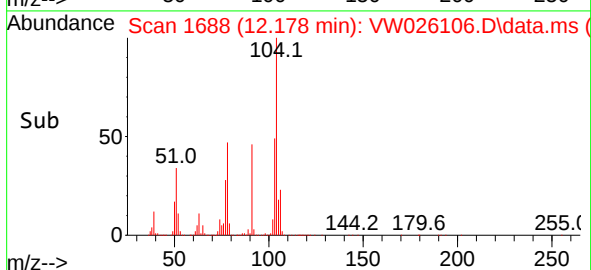
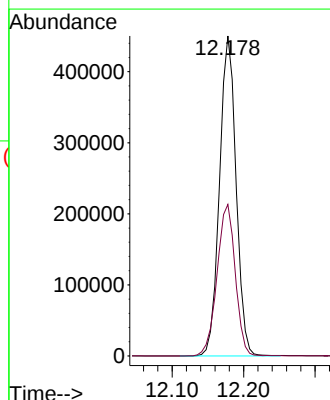
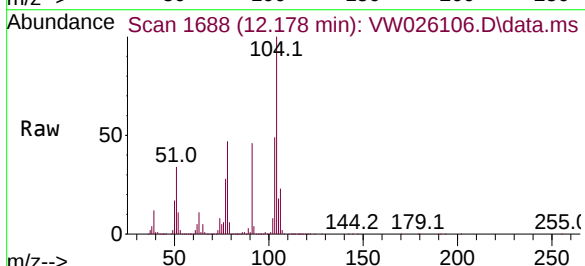
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

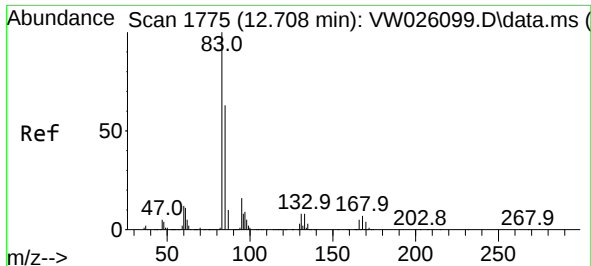
Tgt Ion:106 Resp: 412408
Ion Ratio Lower Upper
106 100
91 222.7 150.9 280.3



#55
Styrene
Concen: 24.443 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion:104 Resp: 724796
Ion Ratio Lower Upper
104 100
78 47.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.523 ug/L

RT: 12.714 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

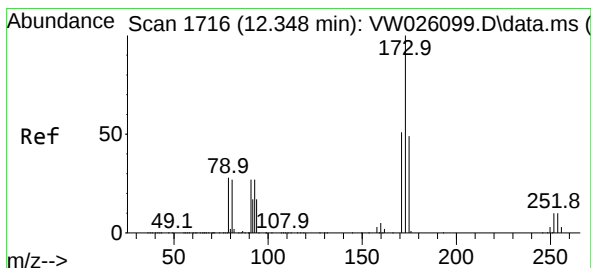
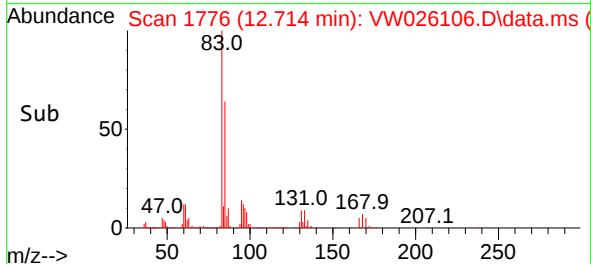
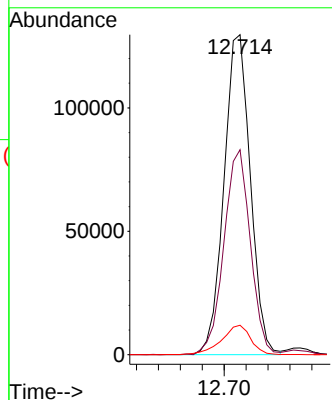
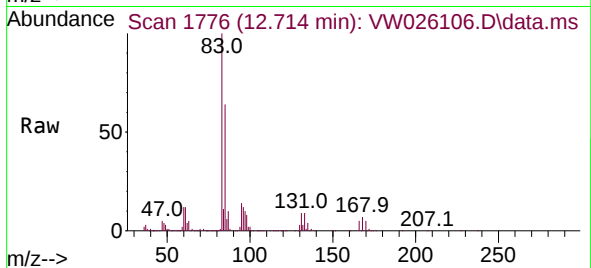
Tgt Ion: 83 Resp: 216810

Ion Ratio Lower Upper

83 100

85 64.0 42.6 79.0

131 9.2 7.2 10.8



#59

Bromoform

Concen: 21.908 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

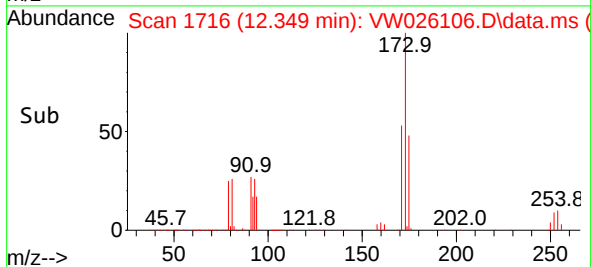
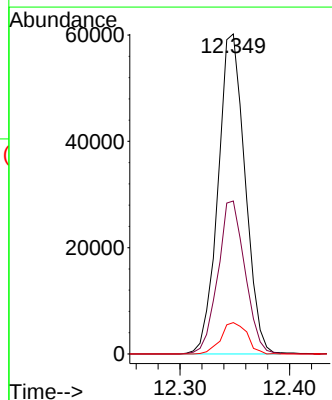
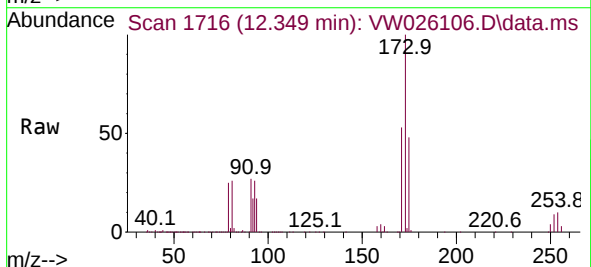
Tgt Ion: 173 Resp: 103013

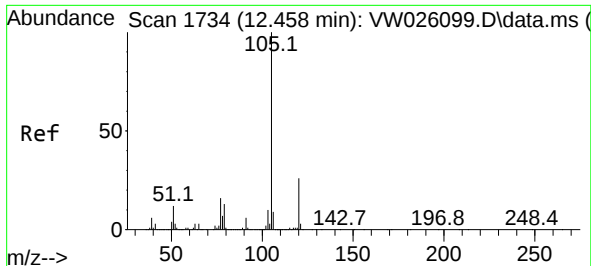
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.5 7.4 11.0

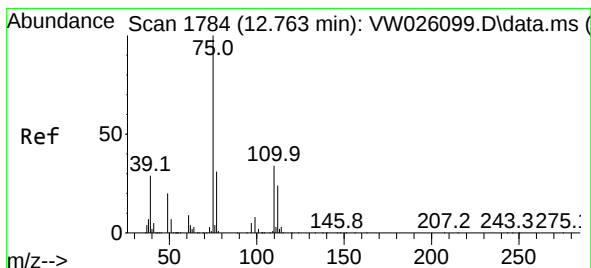
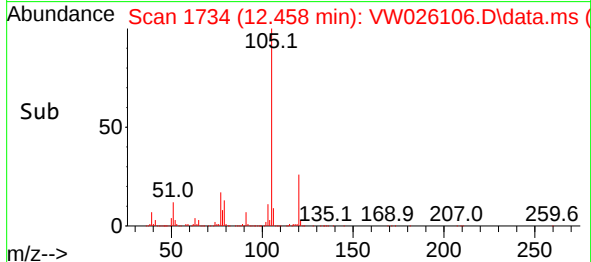
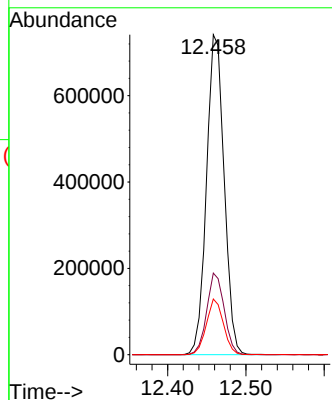
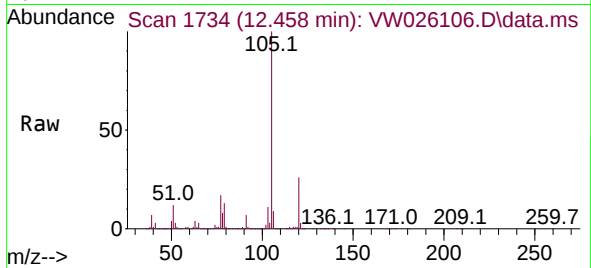




#60
Isopropylbenzene
Concen: 23.501 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

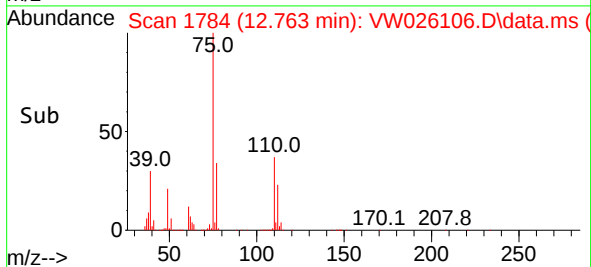
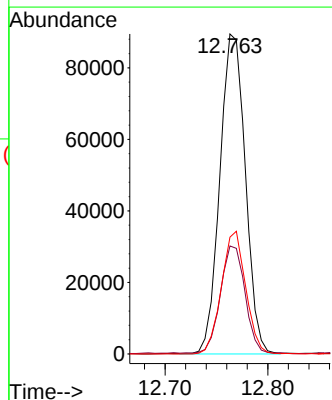
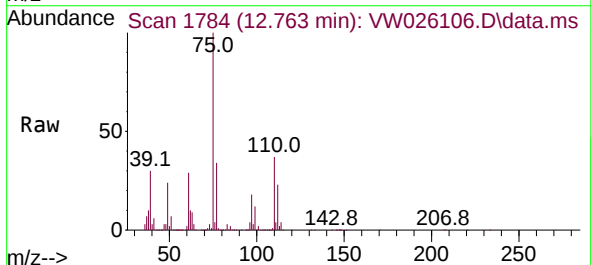
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

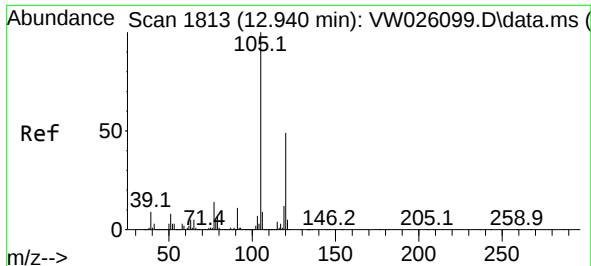
Tgt Ion:105 Resp: 1155762
Ion Ratio Lower Upper
105 100
120 25.2 19.8 29.8
77 16.8 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 21.998 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion: 75 Resp: 154255
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
110 36.5 28.7 43.1

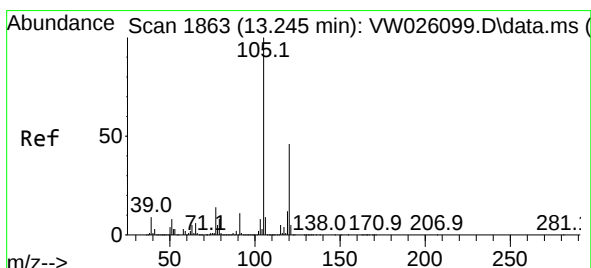
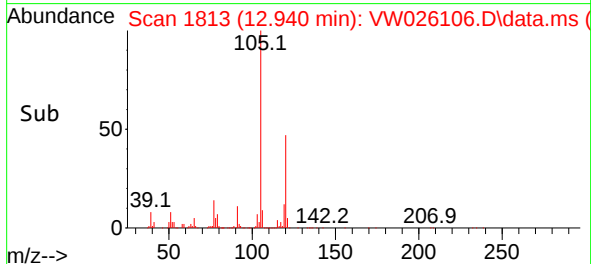
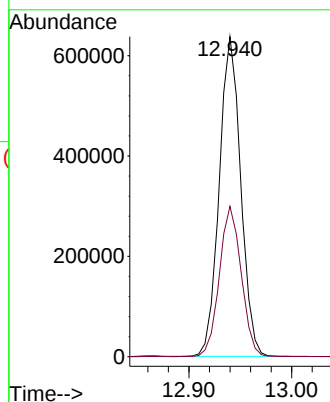
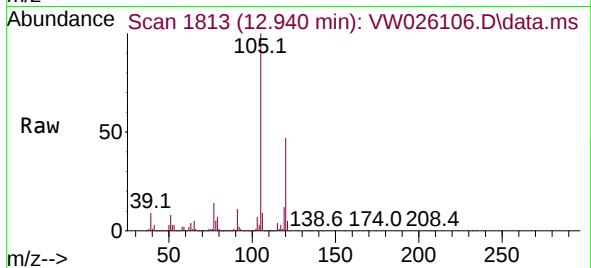




#62
1,3,5-Trimethylbenzene
Concen: 23.614 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

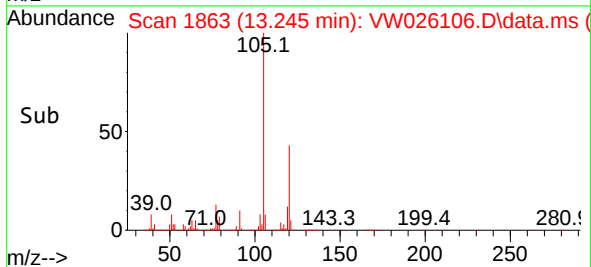
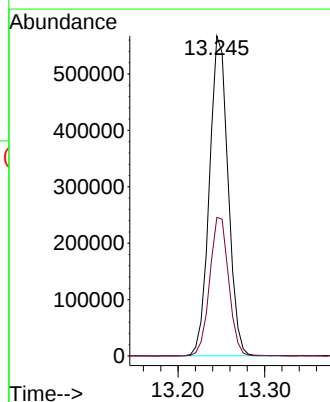
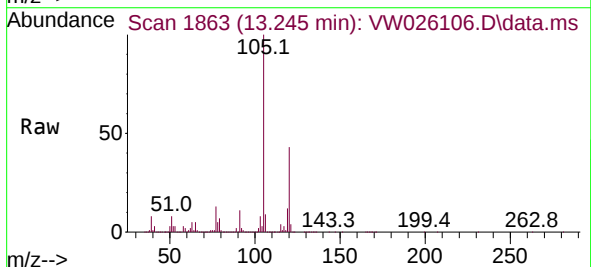
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

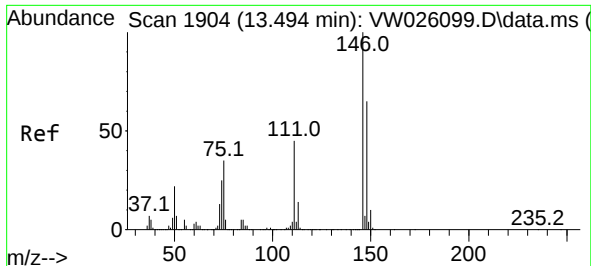
Tgt Ion:105 Resp: 923197
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.688 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion:105 Resp: 848187
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.2

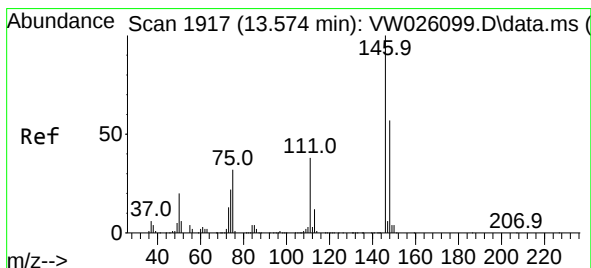
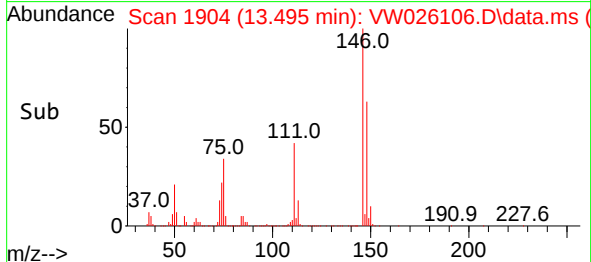
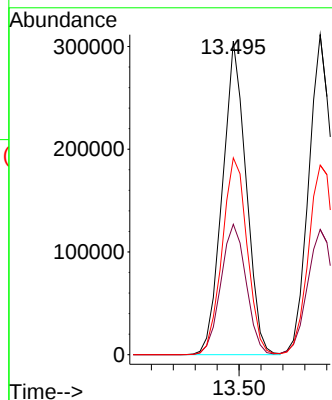
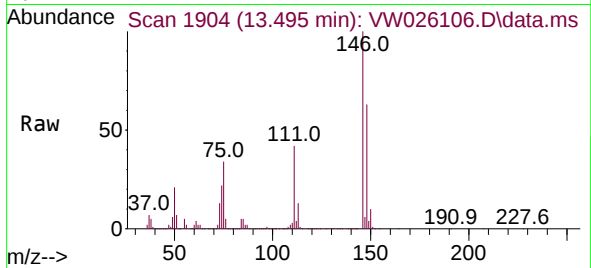




#64
1,3-Dichlorobenzene
Concen: 22.169 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

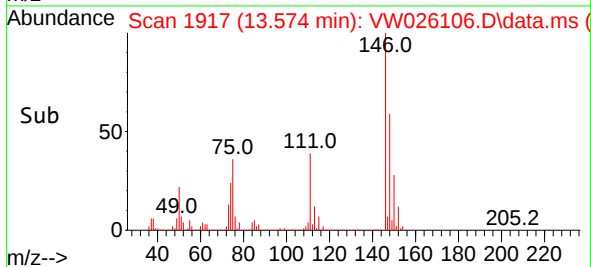
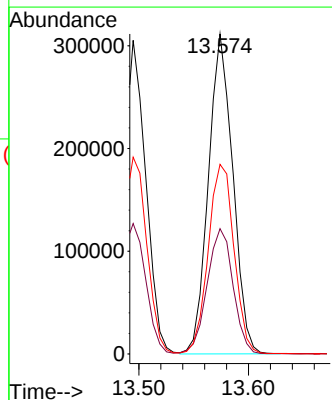
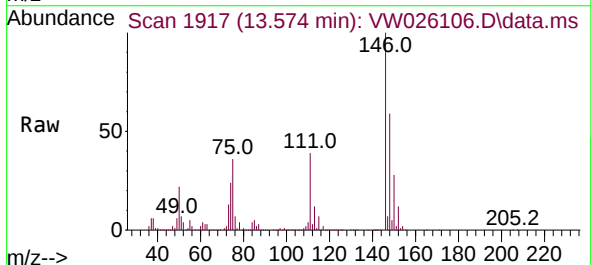
Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

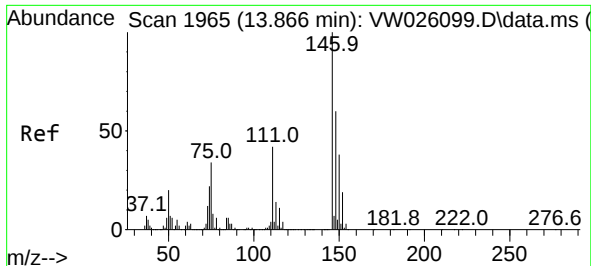
Tgt Ion:146 Resp: 458415
Ion Ratio Lower Upper
146 100
111 41.6 29.7 55.1
148 62.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 23.162 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion:146 Resp: 482179
Ion Ratio Lower Upper
146 100
111 39.2 29.2 54.2
148 59.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 22.604 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

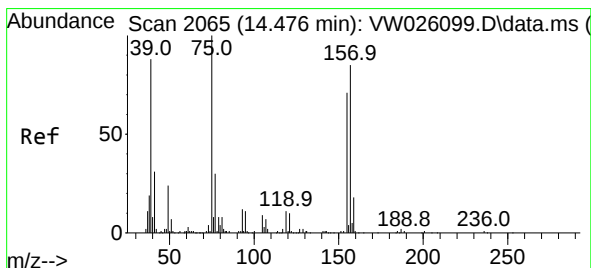
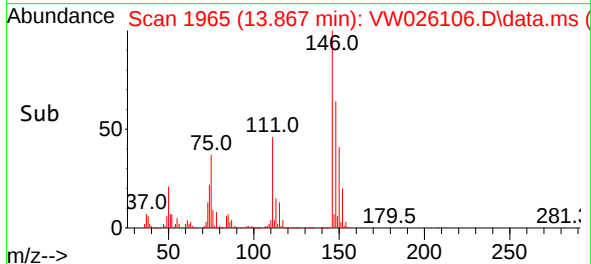
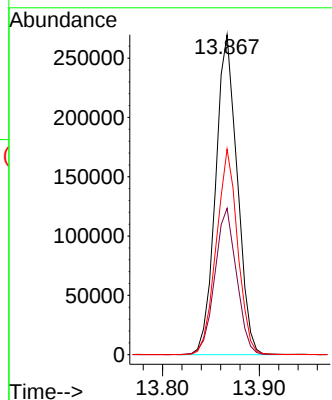
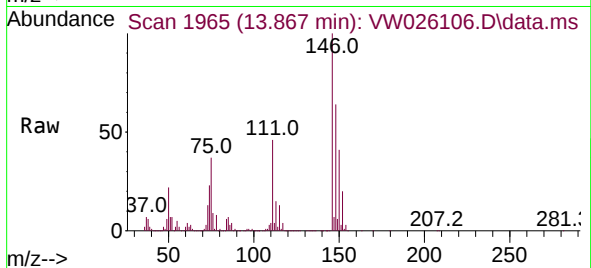
Tgt Ion:146 Resp: 419727

Ion Ratio Lower Upper

146 100

111 45.8 35.4 53.0

148 64.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.059 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

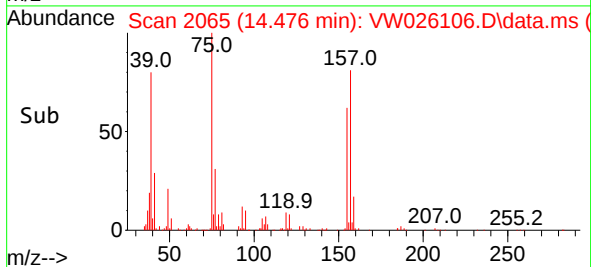
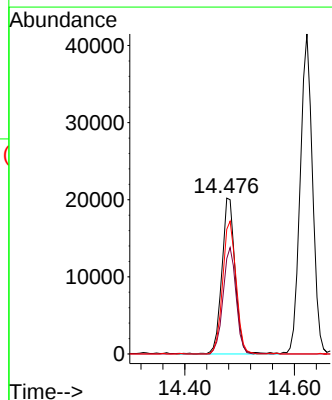
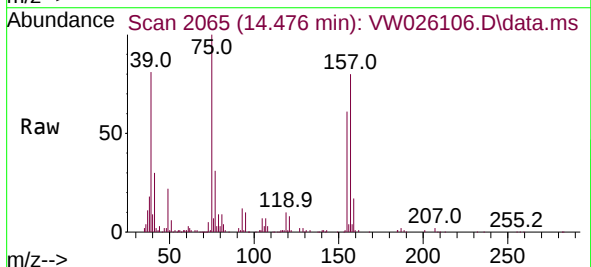
Tgt Ion: 75 Resp: 34214

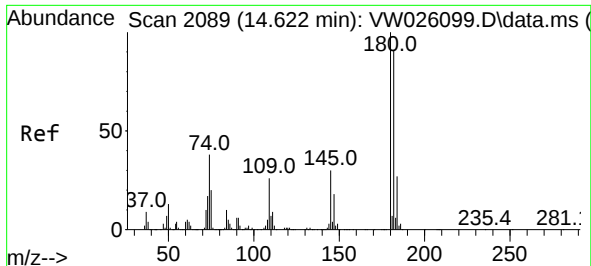
Ion Ratio Lower Upper

75 100

155 61.2 59.0 88.6

157 80.0 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 21.105 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025506

Tgt Ion:180 Resp: 299781

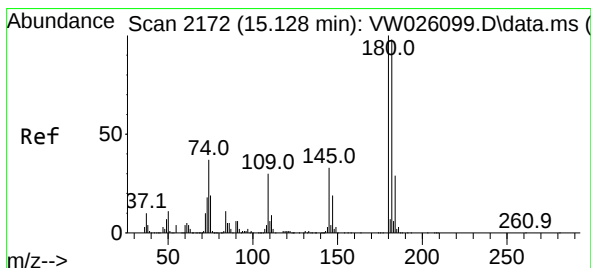
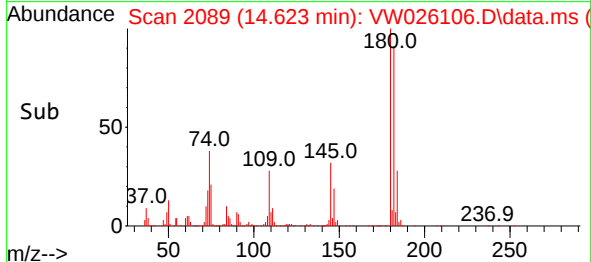
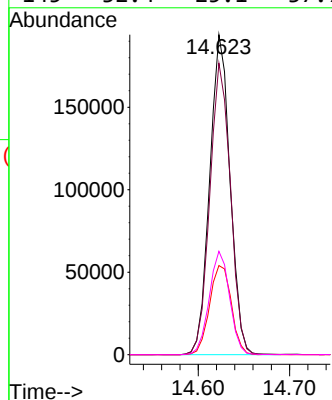
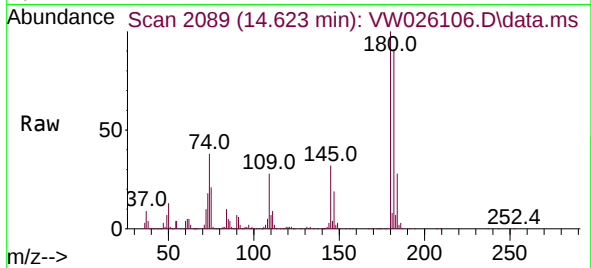
Ion Ratio Lower Upper

180 100

182 92.4 77.0 115.4

184 29.8 23.7 35.5

145 32.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 20.620 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026106.D

Acq: 06 Jun 2023 09:07

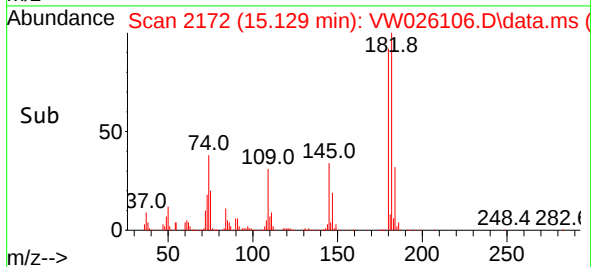
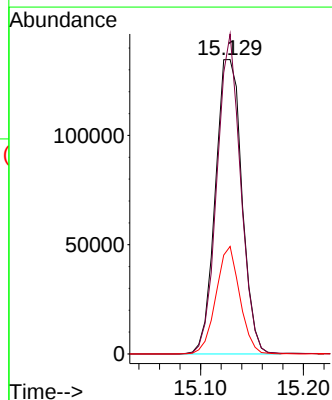
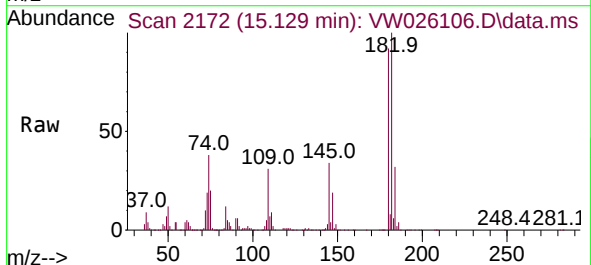
Tgt Ion:180 Resp: 241678

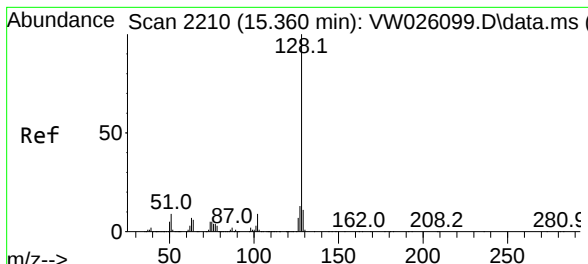
Ion Ratio Lower Upper

180 100

182 96.3 78.9 118.3

145 32.8 27.2 40.8



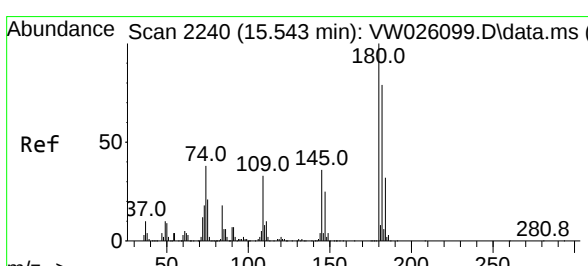
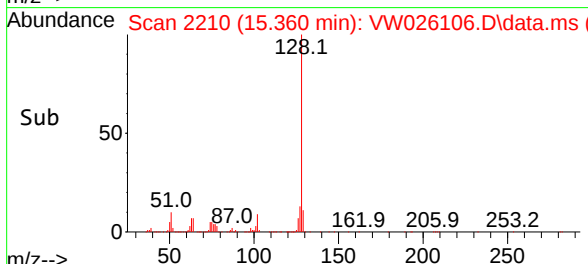
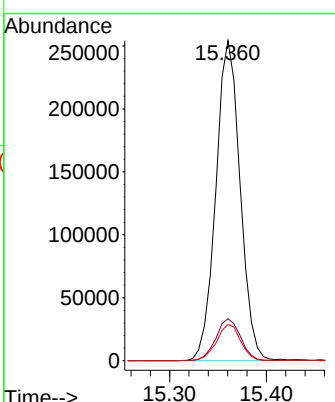
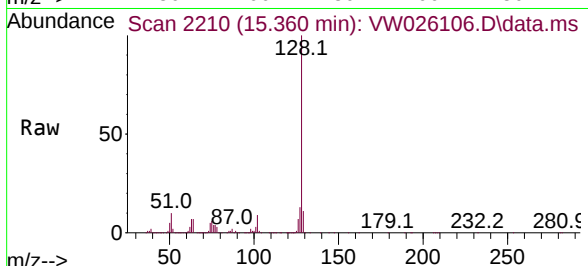


#71
Naphthalene
Concen: 21.188 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025506

Tgt Ion:128 Resp: 442596

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.3	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.377 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026106.D
Acq: 06 Jun 2023 09:07

Tgt Ion:180 Resp: 218975

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.3	114.5
145	35.1	27.0	40.6

