

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026441.D
 Acq On : 29 Jun 2023 18:50
 Operator : SY/MD
 Sample : 03452-22MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0MS

Quant Time: Jun 30 01:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	949370	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	658680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	307930	28.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.960%	
7) Chloroethane-d5	2.893	69	240170	27.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.160%	
11) 1,1-Dichloroethene-d2	4.021	65	146457	27.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.320%	
21) 2-Butanone-d5	7.075	46	200171	49.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.000%	
24) Chloroform-d	7.648	84	597792	25.833	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.320%	
26) 1,2-Dichloroethane-d4	8.301	65	325477	25.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.920%	
32) Benzene-d6	8.276	84	1232190	32.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 128.680%	
36) 1,2-Dichloropropane-d6	9.270	67	391711	32.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 128.320%#	
41) Toluene-d8	10.325	98	963873	28.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.920%	
43) trans-1,3-Dichloroprop...	10.575	79	136092	27.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.600%	
47) 2-Hexanone-d5	10.922	63	131895	64.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.200%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235929	25.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.120%	
66) 1,2-Dichlorobenzene-d4	13.854	152	138289	22.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	261654	28.244	ug/L	90
3) Chloromethane	2.222	50	353738	27.088	ug/L	97
5) Vinyl chloride	2.369	62	344443	25.593	ug/L	99
6) Bromomethane	2.783	94	182949	23.903	ug/L	99
8) Chloroethane	2.930	64	204183	25.014	ug/L	100
9) Trichlorofluoromethane	3.259	101	265657	27.145	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	229659	21.143	ug/L	97
12) 1,1-Dichloroethene	4.039	96	266496	25.066	ug/L	93
13) Acetone	4.118	43	410153	142.127	ug/L	99
14) Carbon disulfide	4.393	76	816981	23.745	ug/L	100
15) Methyl Acetate	4.667	43	164689	26.283	ug/L	99
16) Methylene chloride	4.923	84	309918	19.319	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	283410	24.782	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	535224	28.637	ug/L	99
19) 1,1-Dichloroethane	6.216	63	607424	26.396	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	318454	24.584	ug/L	99
22) 2-Butanone	7.167	43	383848	81.129	ug/L	98
23) Bromochloromethane	7.514	128	134759	25.013	ug/L	95
25) Chloroform	7.673	83	541260	24.233	ug/L	100

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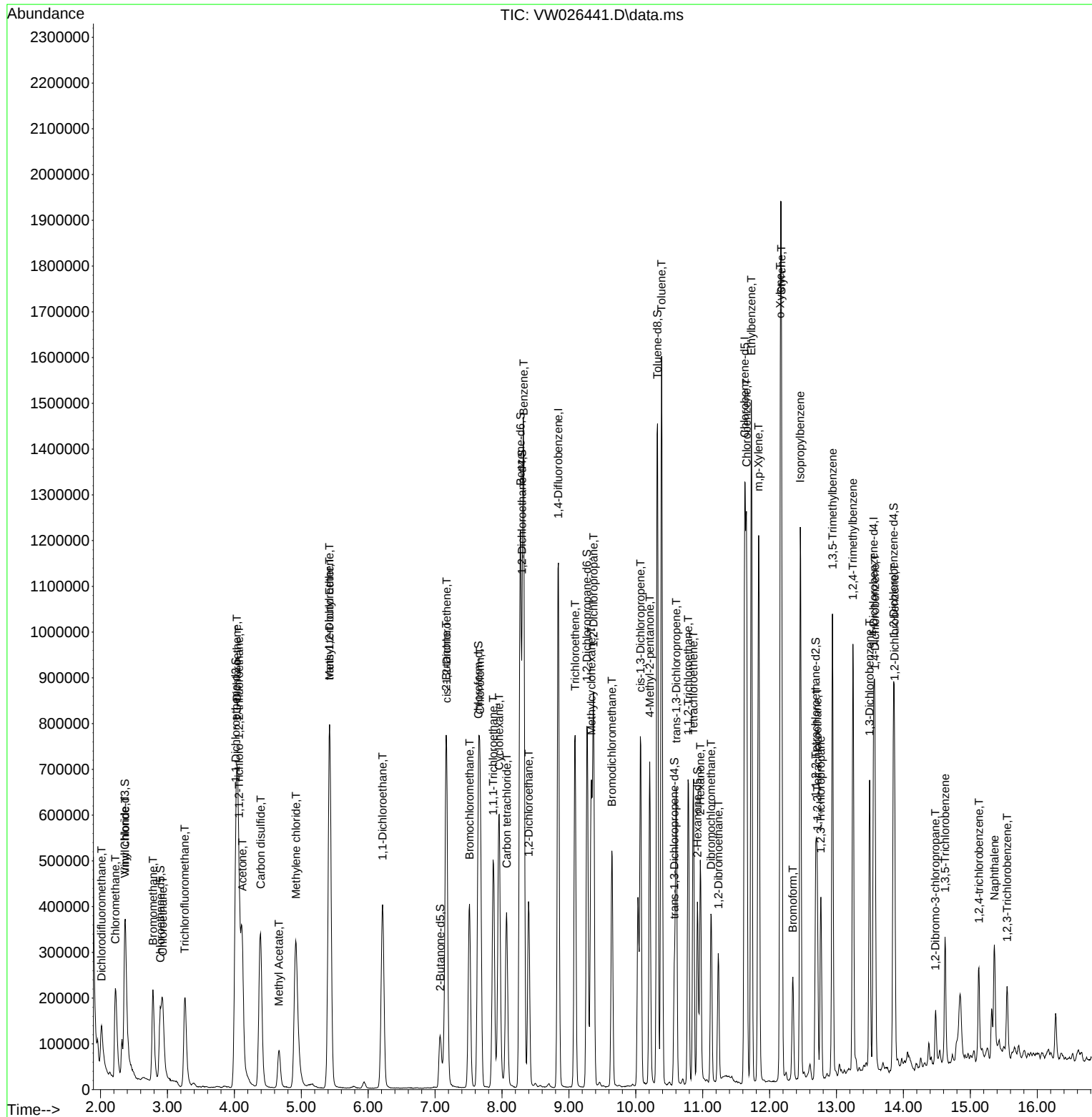
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	370985	24.292	ug/L	100
29) Cyclohexane	7.959	56	378566	20.274	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	406071	28.940	ug/L	100
31) Carbon tetrachloride	8.069	117	294312	23.298	ug/L	99
33) Benzene	8.325	78	1227657	29.763	ug/L	100
34) Trichloroethene	9.093	95	279756	26.625	ug/L	97
35) Methylcyclohexane	9.337	83	256747	13.716	ug/L	98
37) 1,2-Dichloropropane	9.367	63	323636	29.555	ug/L	99
38) Bromodichloromethane	9.642	83	346714	28.210	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	454464	27.729	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	481287	64.015	ug/L	99
42) Toluene	10.386	91	1111282	26.333	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	356924	26.647	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	213128	28.573	ug/L	98
46) Tetrachloroethene	10.861	164	150248	20.225	ug/L	96
48) 2-Hexanone	10.965	43	327331	64.864	ug/L	98
49) Dibromochloromethane	11.123	129	196447	26.442	ug/L	94
50) 1,2-Dibromoethane	11.233	107	190281	27.742	ug/L	97
51) Chlorobenzene	11.654	112	589795	22.588	ug/L	99
52) Ethylbenzene	11.727	91	1021387	21.508	ug/L	97
53) m,p-Xylene	11.836	106	365470	20.755	ug/L	98
54) o-Xylene	12.160	106	345451	21.153	ug/L	96
55) Styrene	12.178	104	566063	20.306	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	214130	23.509	ug/L	100
59) Bromoform	12.349	173	97582	41.190	ug/L	98
60) Isopropylbenzene	12.458	105	757317	29.020	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170590	43.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	517722	24.948	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	503923	24.857	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	240150	21.933	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	245674	22.561	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	211227	21.318	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29336	32.737	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	80715	10.829	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	60756	9.418	ug/L #	96
71) Naphthalene	15.360	128	213190	16.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	47282	8.523	ug/L #	90

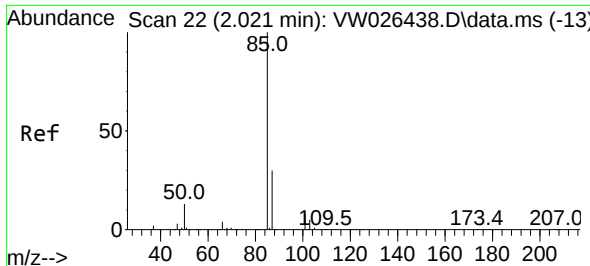
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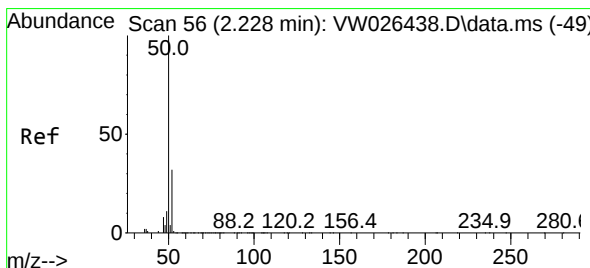
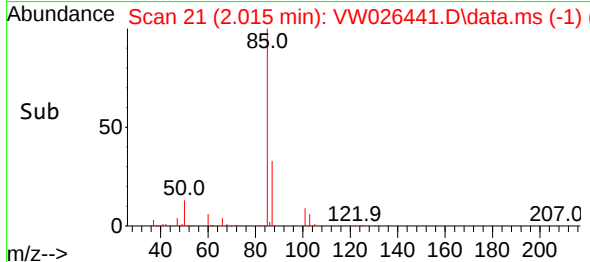
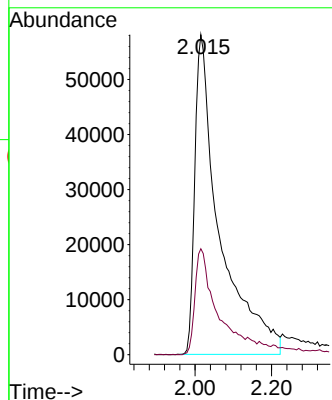
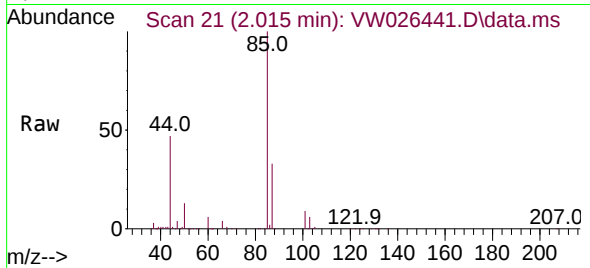




#2
 Dichlorodifluoromethane
 Concen: 28.244 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026441.D
 Acq: 29 Jun 2023 18:50

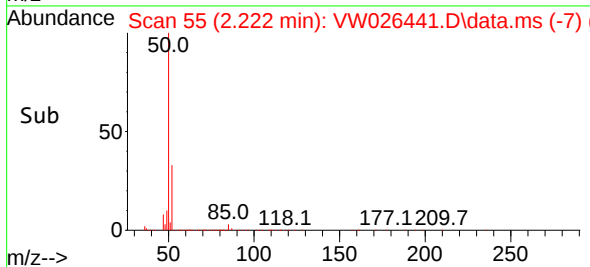
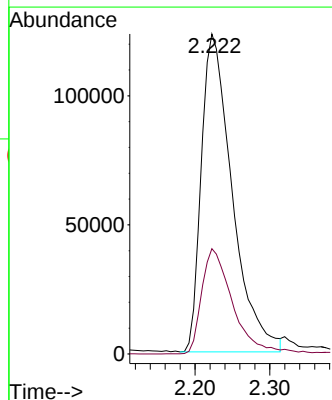
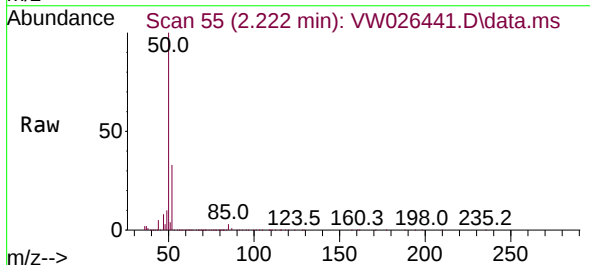
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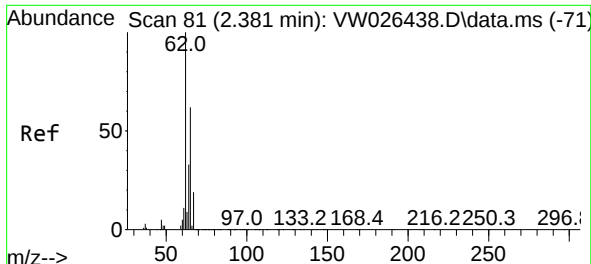
Tgt Ion: 85 Resp: 261654
 Ion Ratio Lower Upper
 85 100
 87 28.4 19.0 28.4



#3
 Chloromethane
 Concen: 27.088 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026441.D
 Acq: 29 Jun 2023 18:50

Tgt Ion: 50 Resp: 353738
 Ion Ratio Lower Upper
 50 100
 52 32.9 21.7 40.3

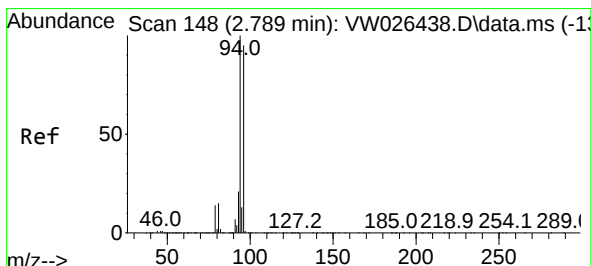
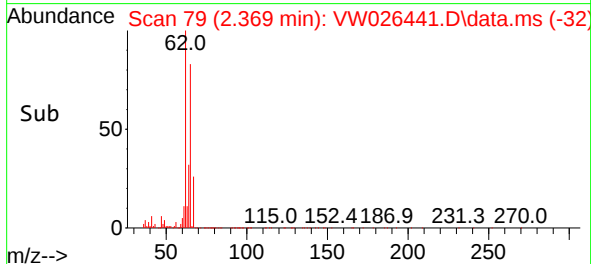
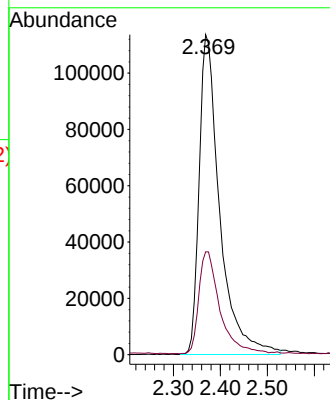
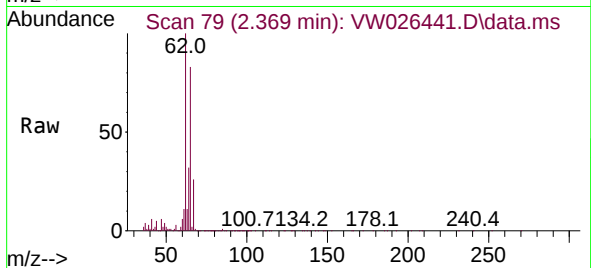




#5
 Vinyl chloride
 Concen: 25.593 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VW026441.D
 Acq: 29 Jun 2023 18:50

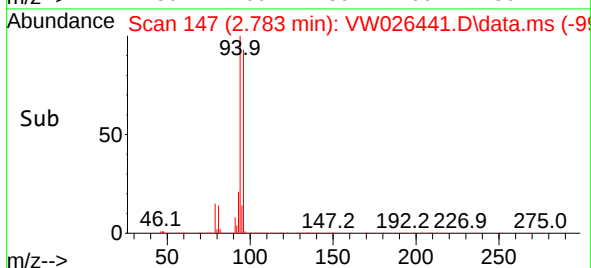
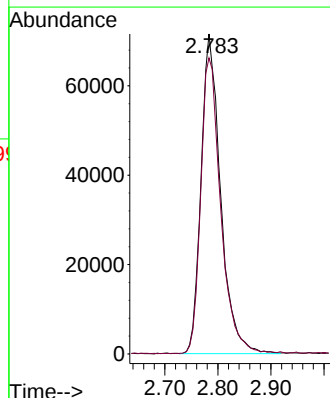
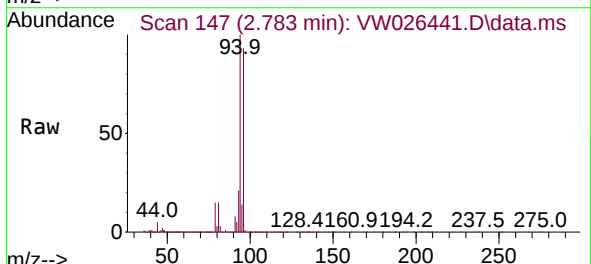
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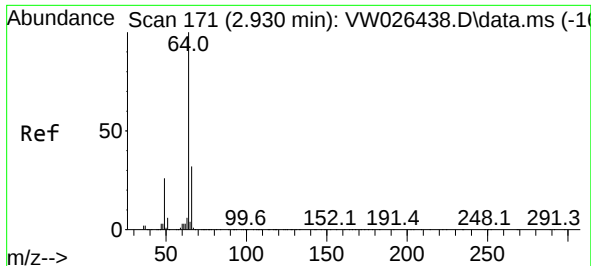
Tgt Ion: 62 Resp: 344443
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 23.903 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026441.D
 Acq: 29 Jun 2023 18:50

Tgt Ion: 94 Resp: 182949
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.3 119.3

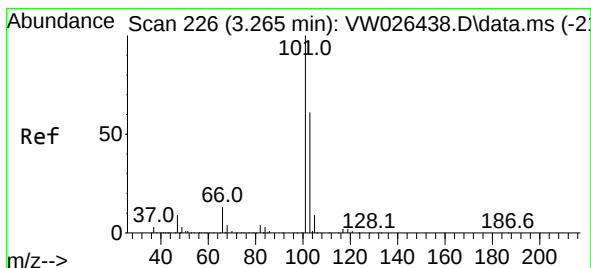
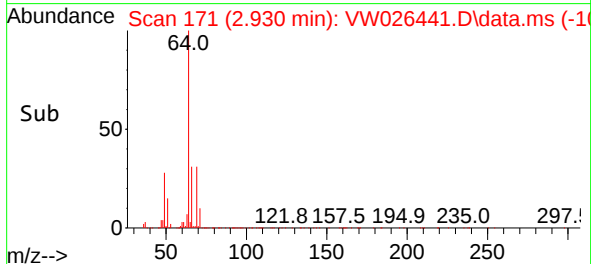
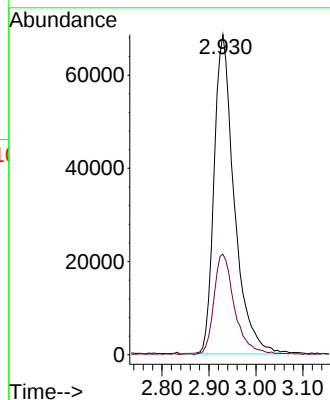
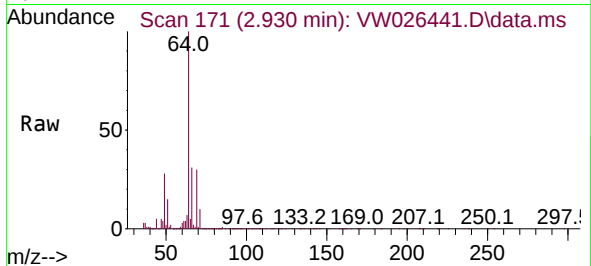




#8
Chloroethane
Concen: 25.014 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

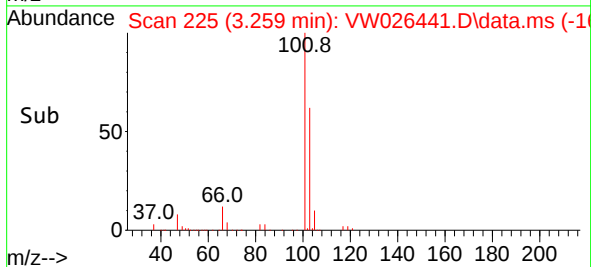
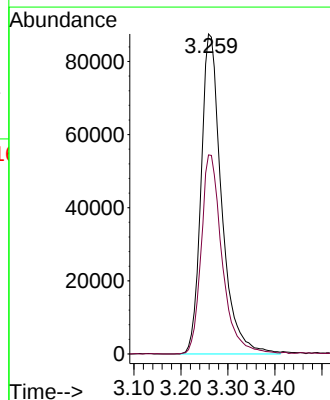
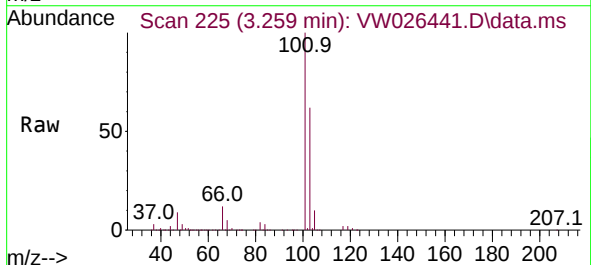
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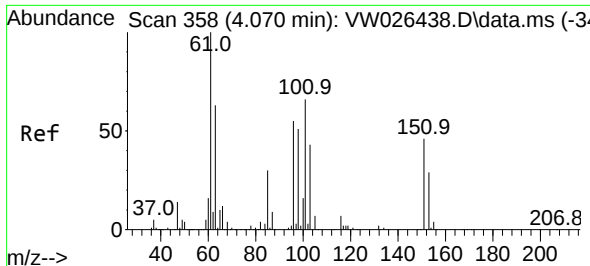
Tgt Ion: 64 Resp: 204183
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 27.145 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 101 Resp: 265657
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

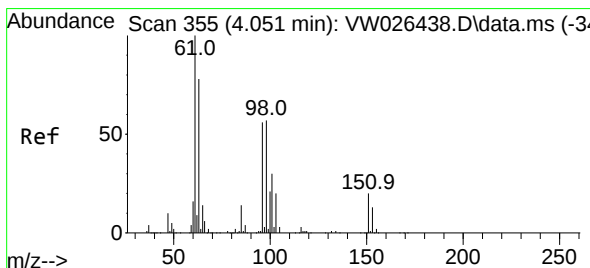
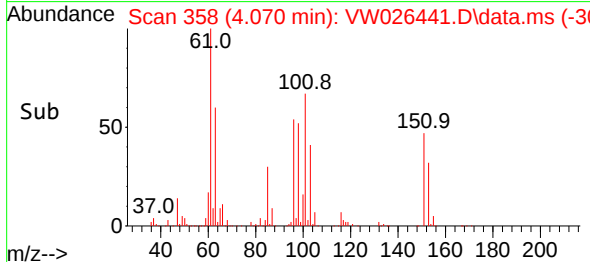
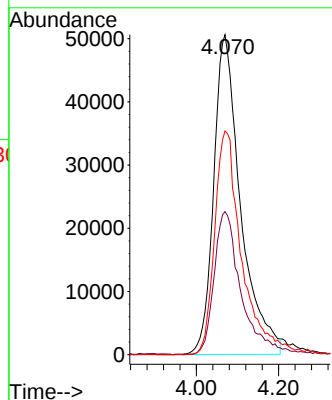
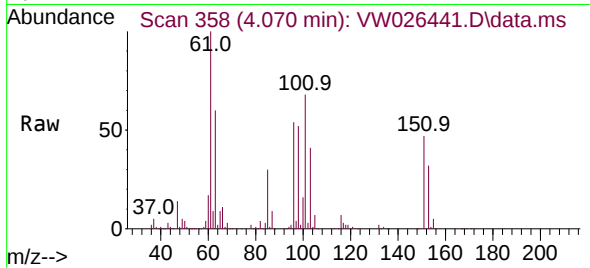




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.143 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW026441.D
 Acq: 29 Jun 2023 18:50

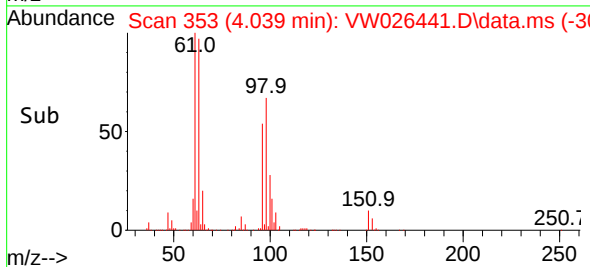
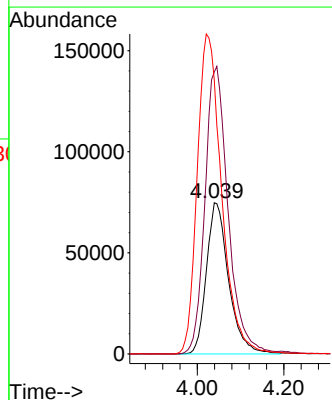
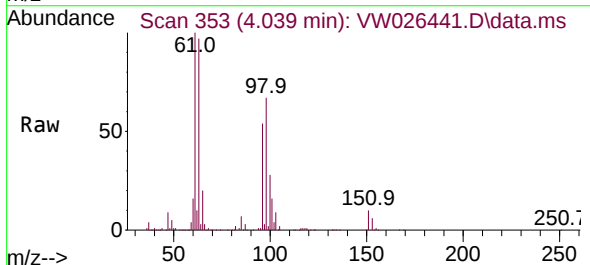
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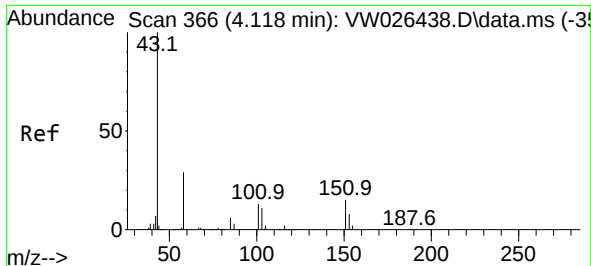
Tgt Ion:101 Resp: 229659
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.1 51.1
 151 69.8 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 25.066 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW026441.D
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Tgt Ion: 96 Resp: 266496
 Ion Ratio Lower Upper
 96 100
 61 186.5 134.0 248.8
 63 181.2 117.1 217.5

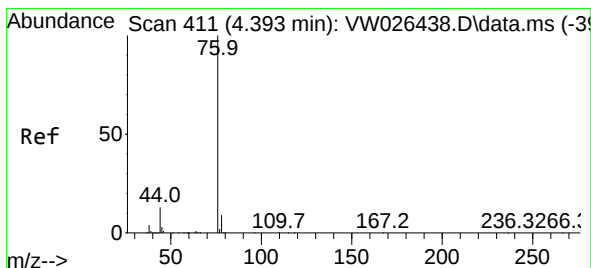
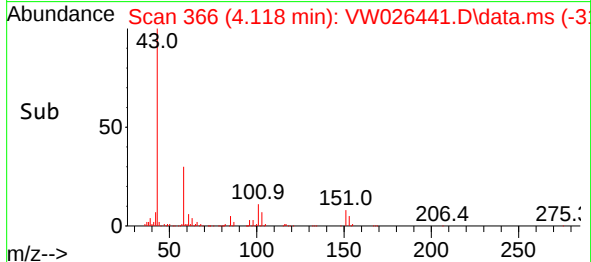
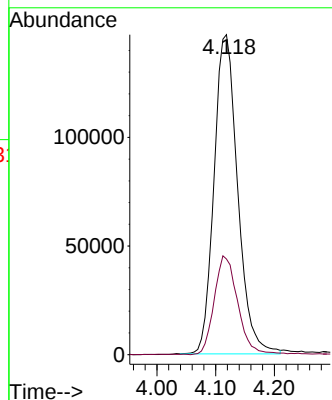
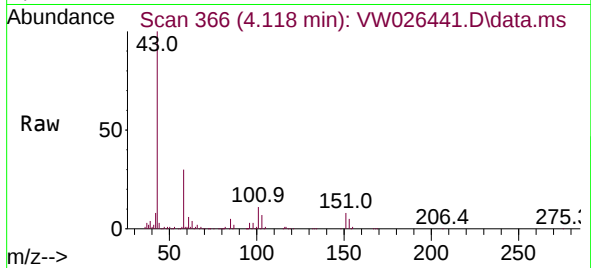




#13
Acetone
Concen: 142.127 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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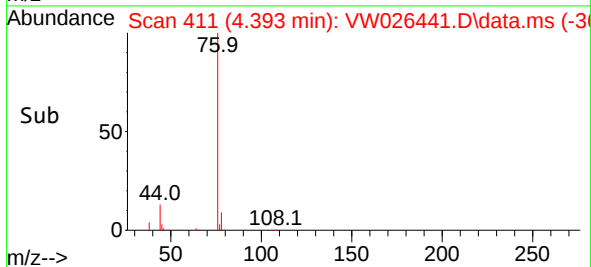
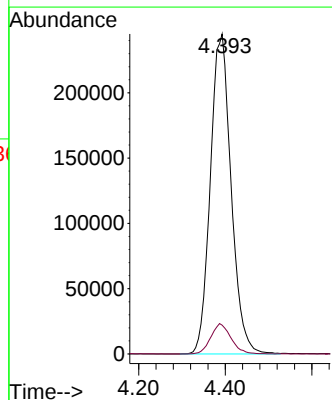
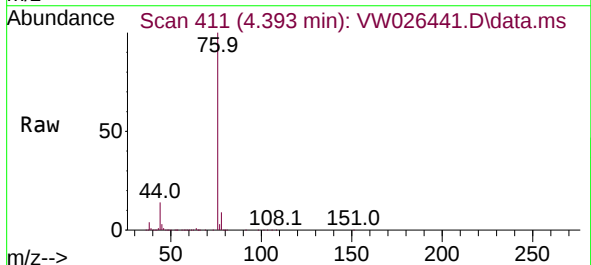
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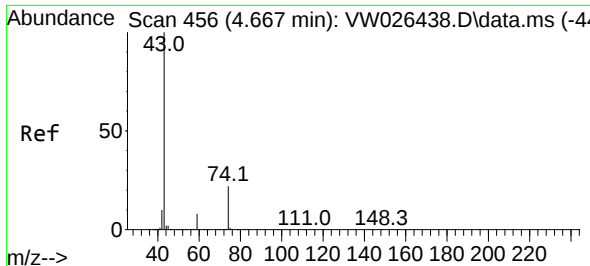
Tgt Ion: 43 Resp: 410153
Ion Ratio Lower Upper
43 100
58 30.8 0.0 63.2



#14
Carbon disulfide
Concen: 23.745 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 816981
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

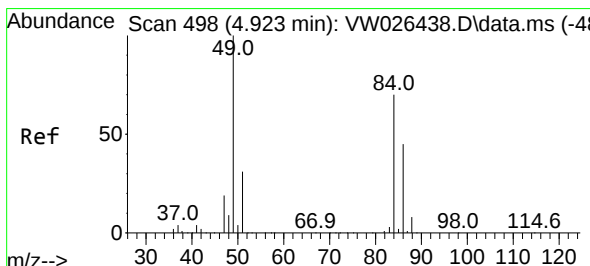
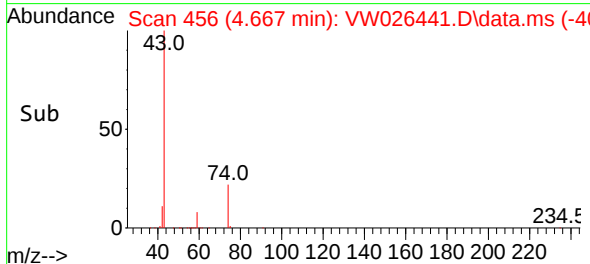
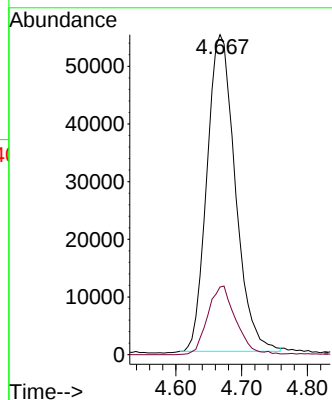
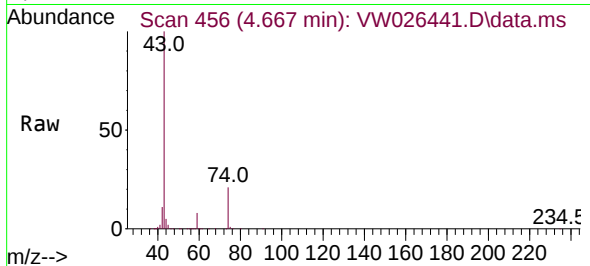




#15
Methyl Acetate
Concen: 26.283 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

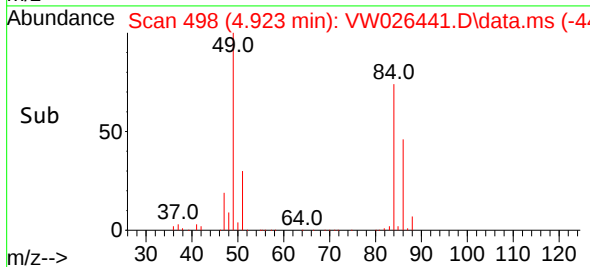
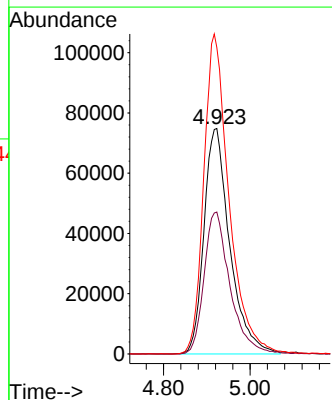
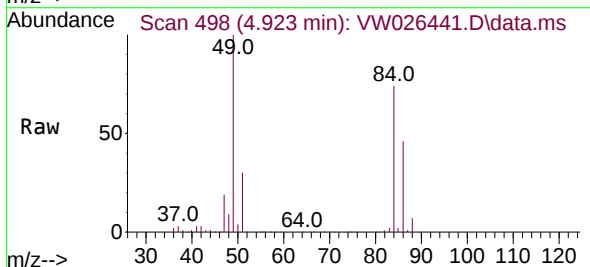
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

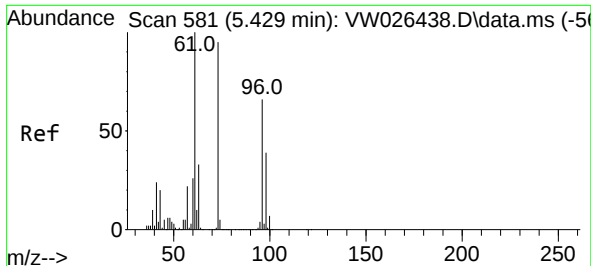
Tgt Ion: 43 Resp: 164689
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8



#16
Methylene chloride
Concen: 19.319 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 84 Resp: 309918
Ion Ratio Lower Upper
84 100
86 62.9 44.1 81.9
49 135.9 94.1 174.8

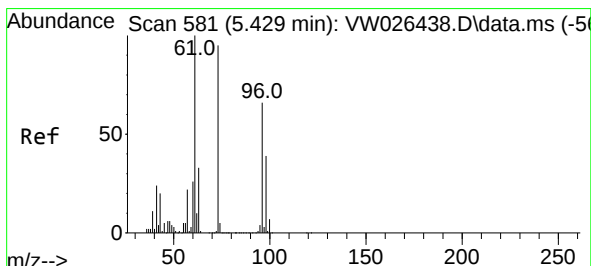
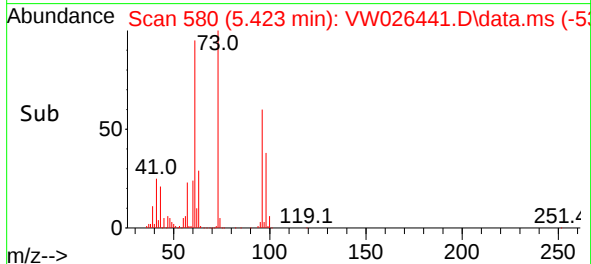
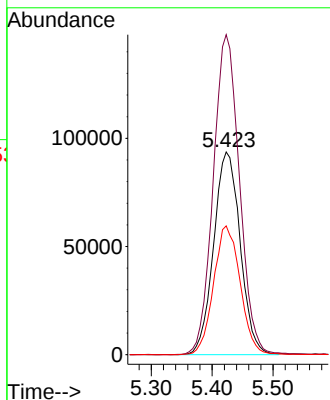
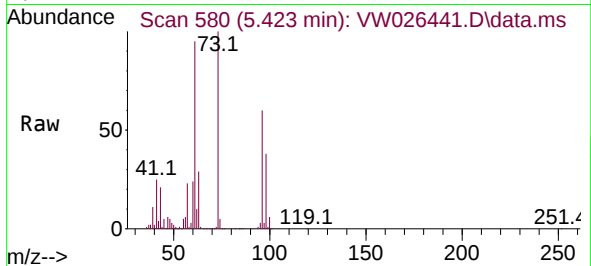




#17
trans-1,2-Dichloroethene
Concen: 24.782 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

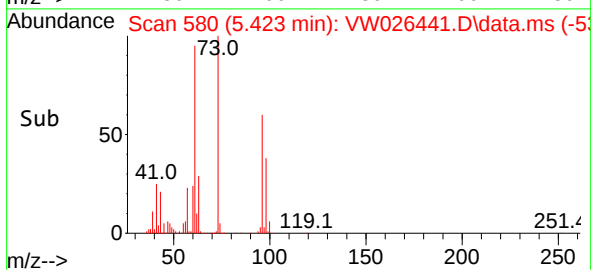
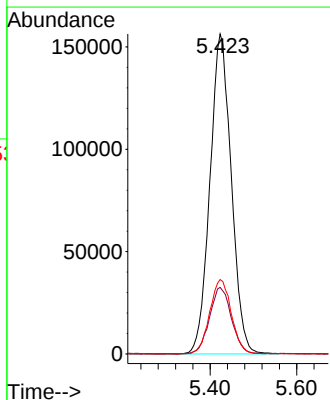
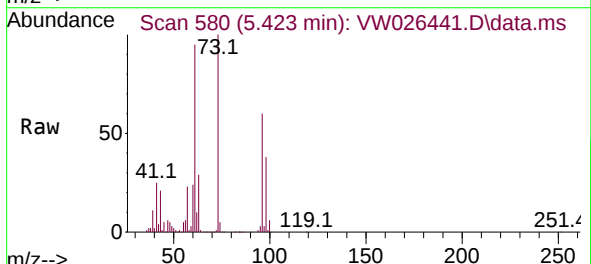
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

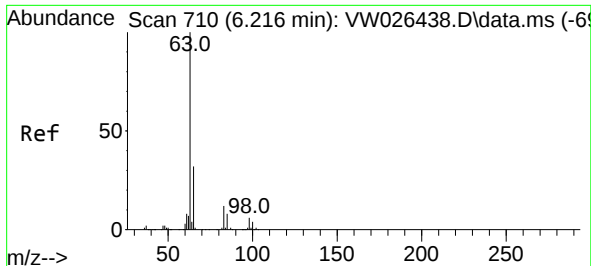
Tgt Ion: 96 Resp: 283410
Ion Ratio Lower Upper
96 100
61 157.9 105.2 195.4
98 63.5 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 28.637 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 73 Resp: 535224
Ion Ratio Lower Upper
73 100
43 21.4 16.6 25.0
57 23.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.396 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

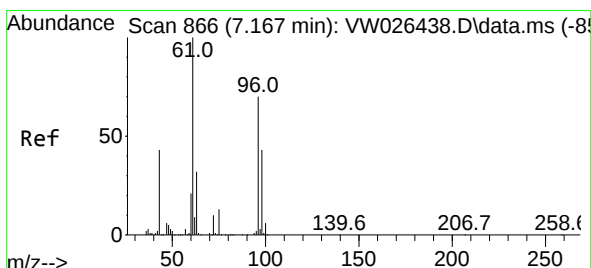
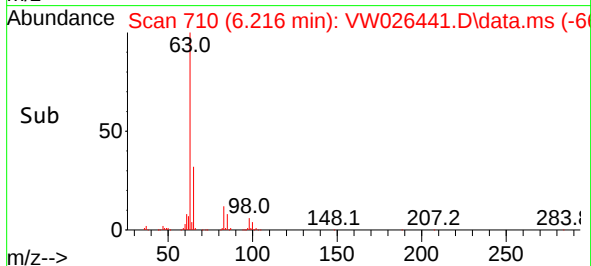
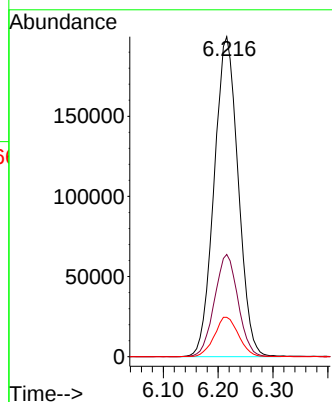
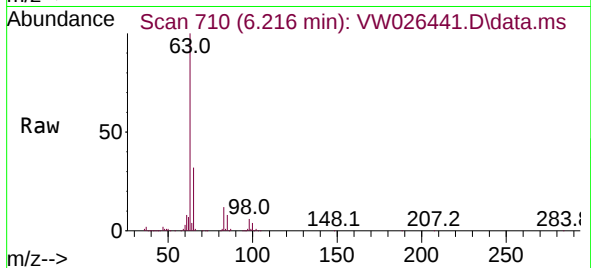
Tgt Ion: 63 Resp: 607424

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.3 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 24.584 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

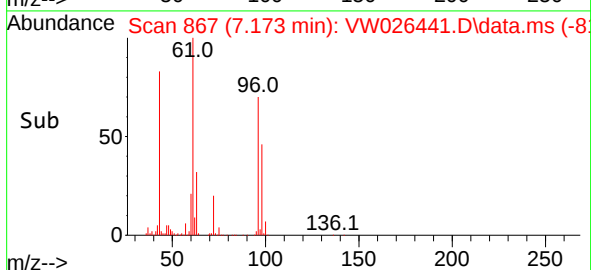
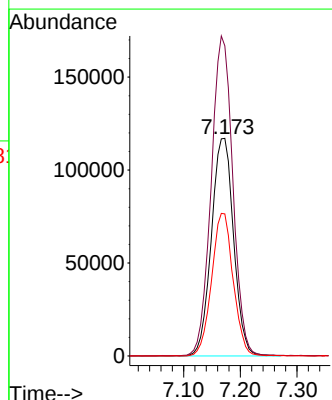
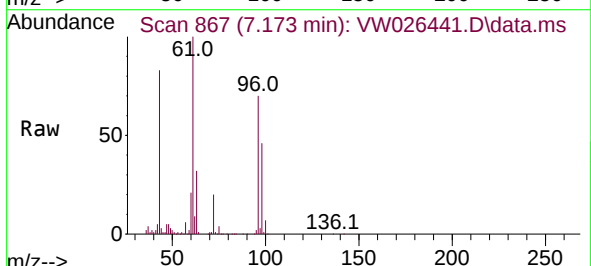
Tgt Ion: 96 Resp: 318454

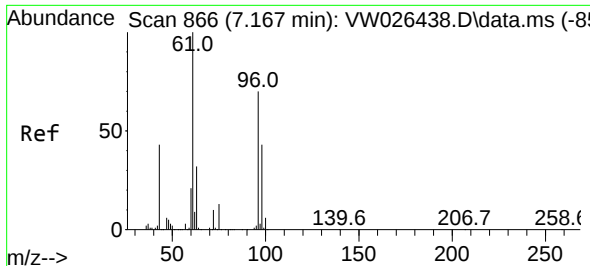
Ion Ratio Lower Upper

96 100

61 142.5 99.3 184.5

98 65.3 44.3 82.3

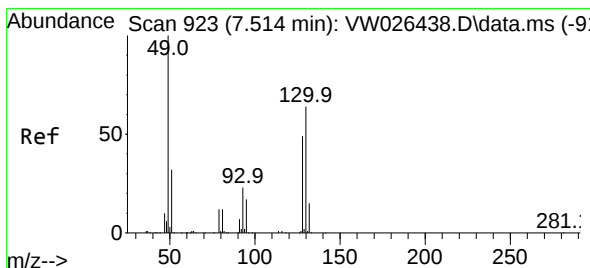
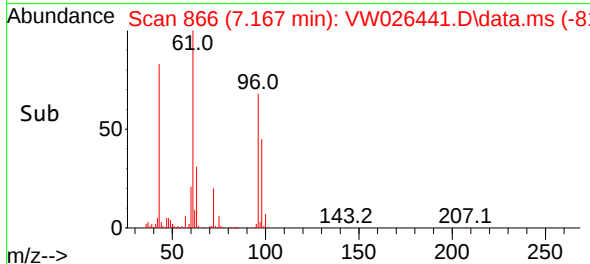
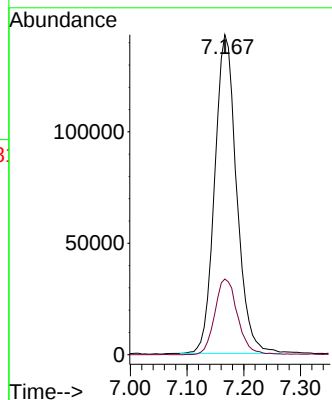
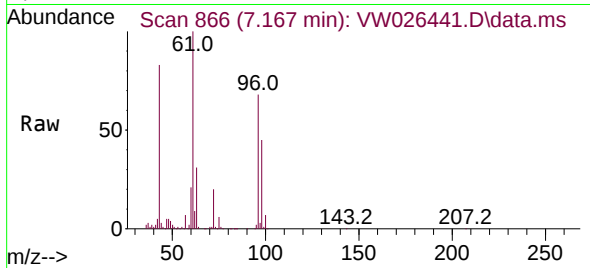




#22
2-Butanone
Concen: 81.129 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

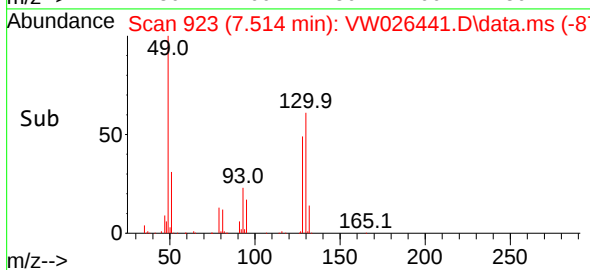
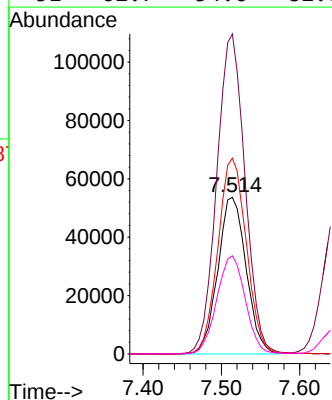
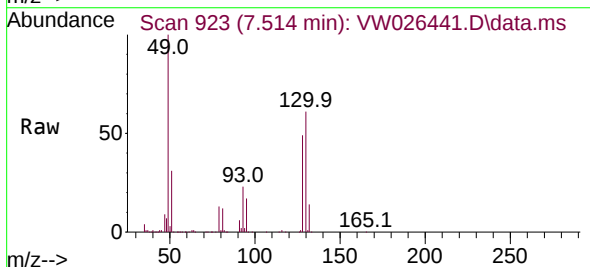
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

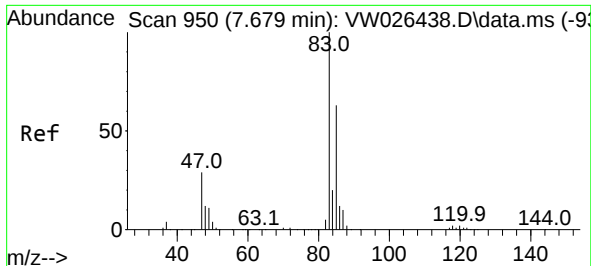
Tgt Ion: 43 Resp: 383848
Ion Ratio Lower Upper
43 100
72 24.3 12.6 37.8



#23
Bromochloromethane
Concen: 25.013 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 128 Resp: 134759
Ion Ratio Lower Upper
128 100
49 204.2 149.2 277.2
130 124.9 89.2 165.8
51 62.7 54.6 82.0





#25

Chloroform

Concen: 24.233 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

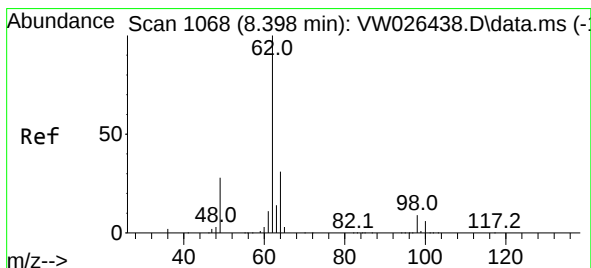
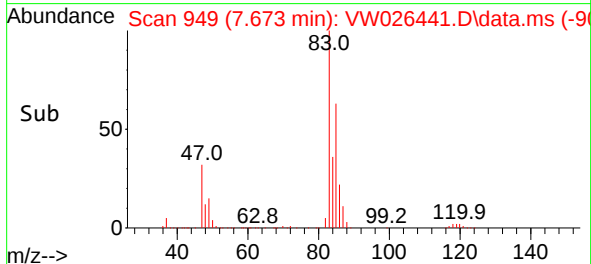
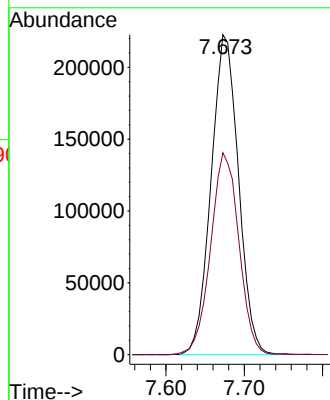
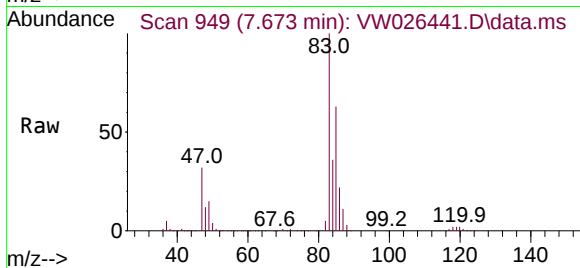
A46Q0MS

Tgt Ion: 83 Resp: 541260

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.292 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026441.D

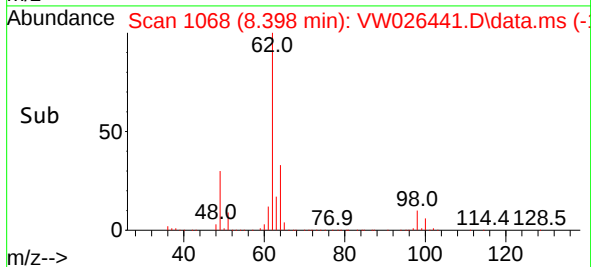
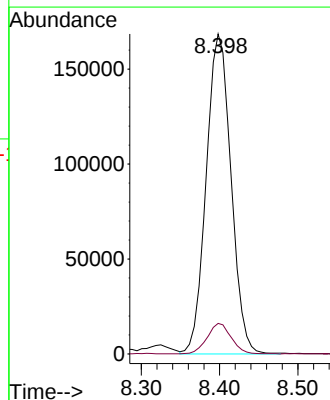
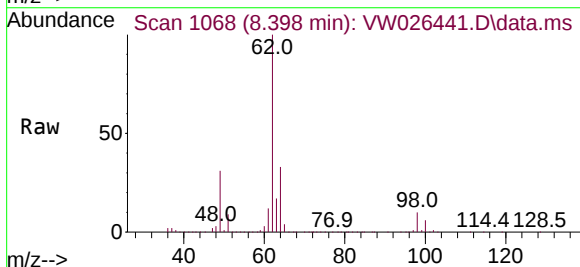
Acq: 29 Jun 2023 18:50

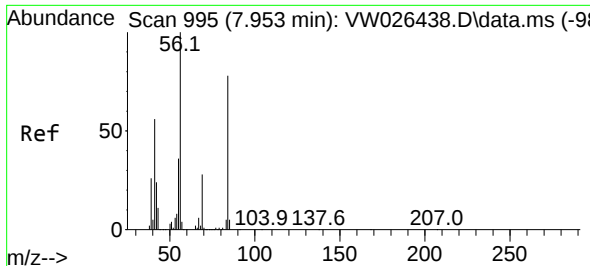
Tgt Ion: 62 Resp: 370985

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4

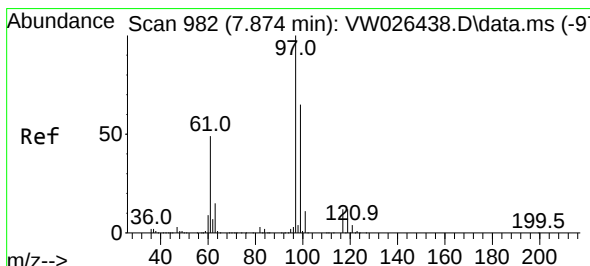
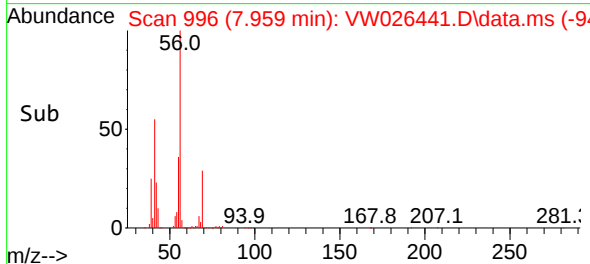
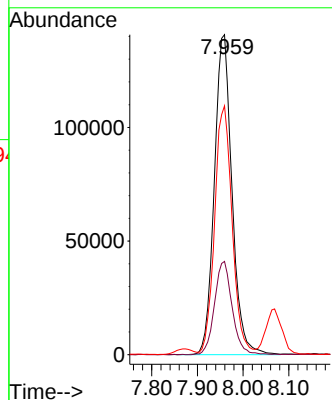
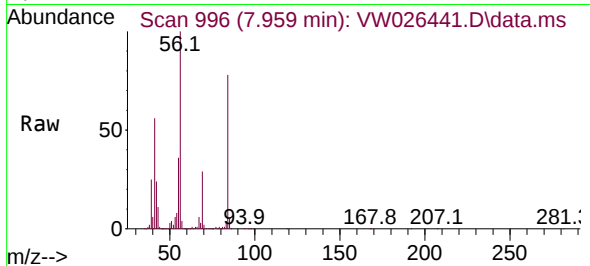




#29
Cyclohexane
Concen: 20.274 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

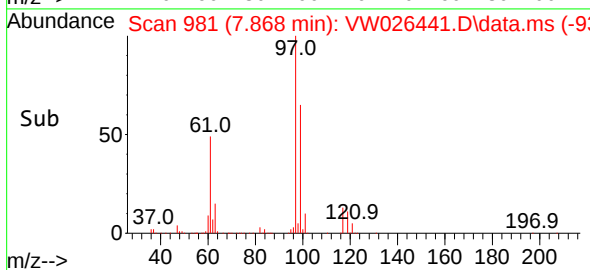
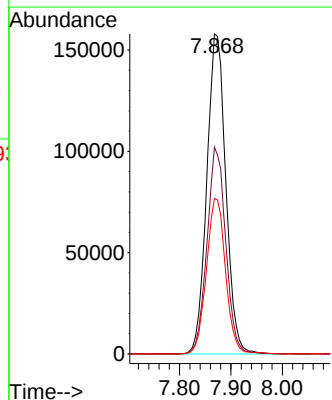
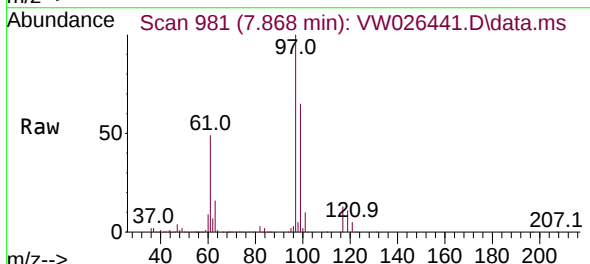
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

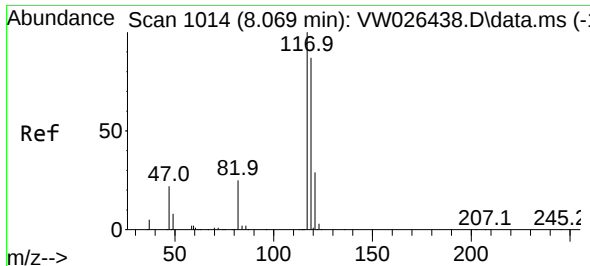
Tgt Ion: 56 Resp: 378566
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 77.2 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 28.940 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 97 Resp: 406071
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 49.1 39.5 59.3

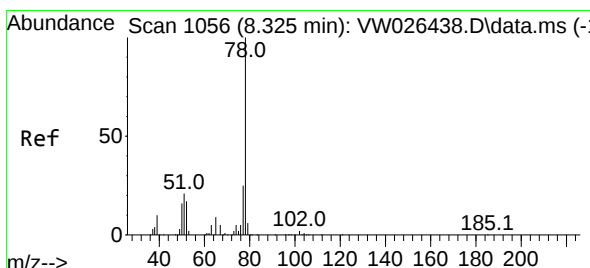
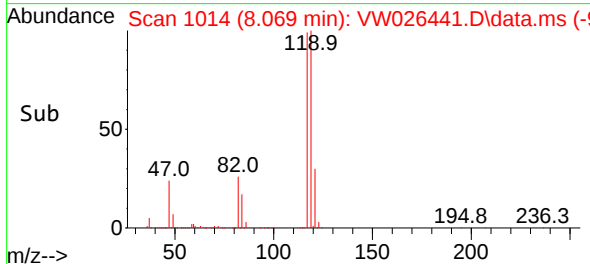
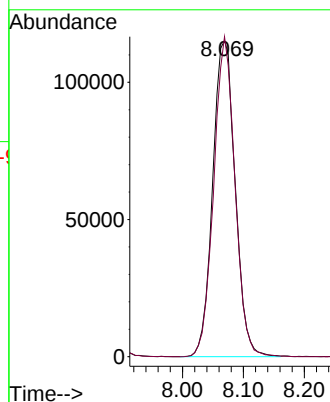
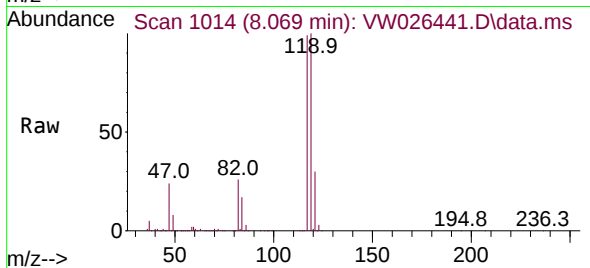




#31
Carbon tetrachloride
Concen: 23.298 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

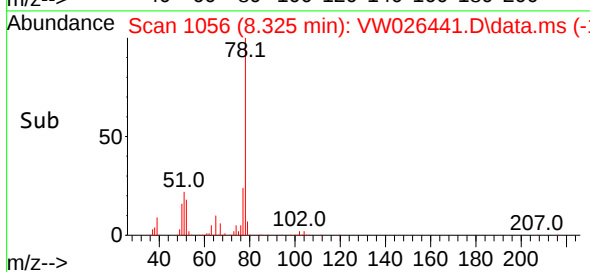
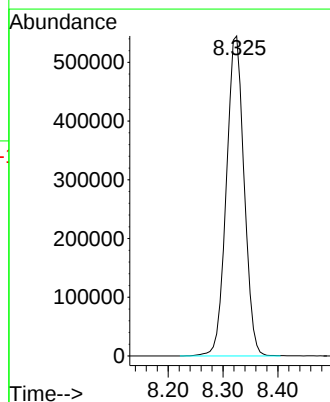
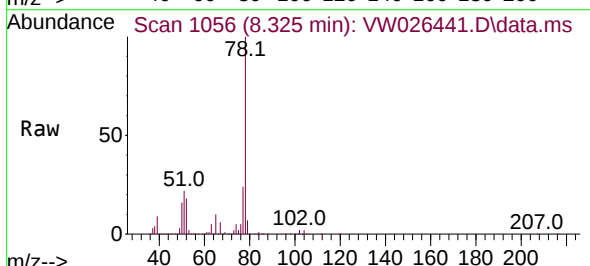
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

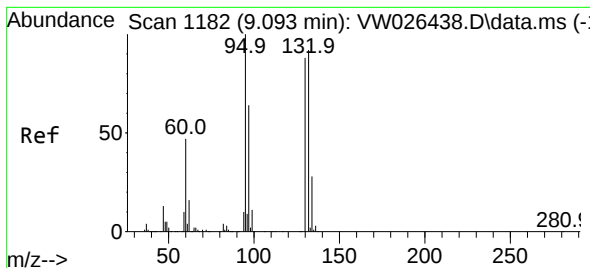
Tgt Ion:117 Resp: 294312
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2



#33
Benzene
Concen: 29.763 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 78 Resp: 1227657





#34

Trichloroethene

Concen: 26.625 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

Tgt Ion: 95 Resp: 279756

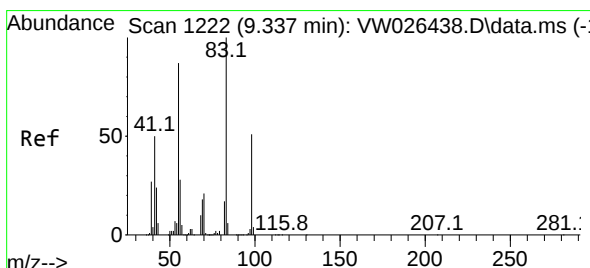
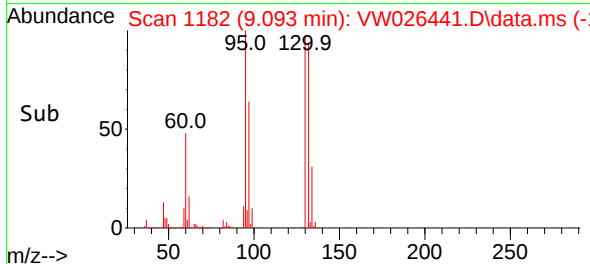
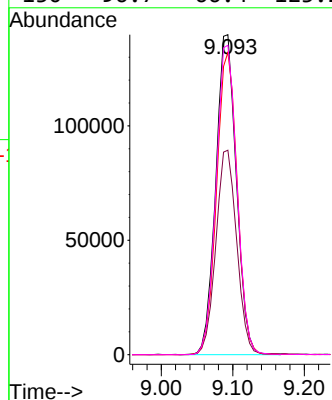
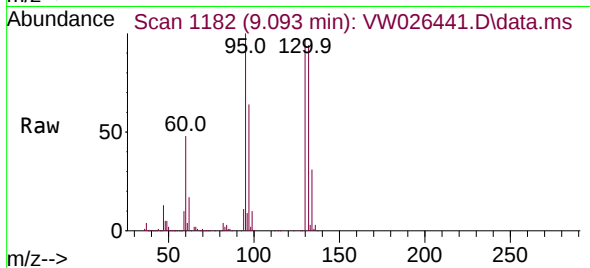
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 94.5 61.8 114.8

130 96.7 66.4 123.2



#35

Methylcyclohexane

Concen: 13.716 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

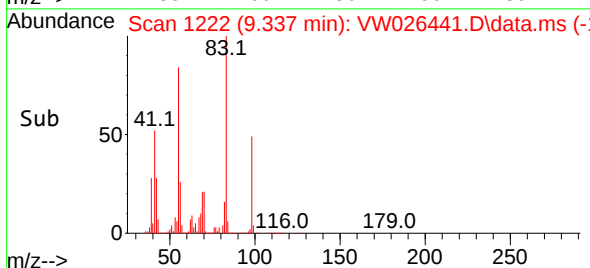
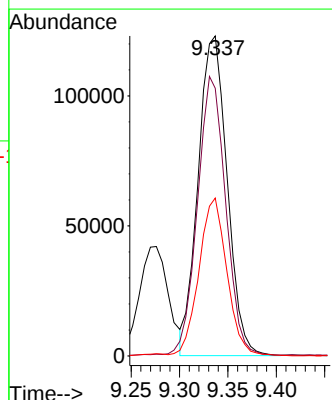
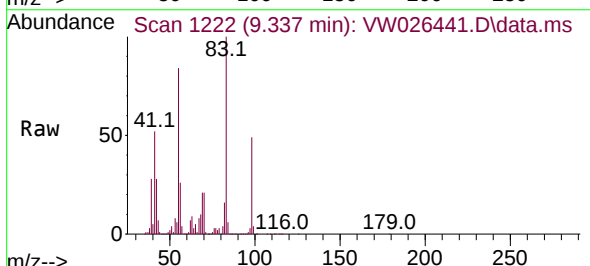
Tgt Ion: 83 Resp: 256747

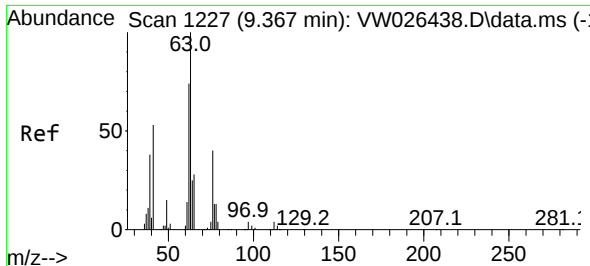
Ion Ratio Lower Upper

83 100

55 85.4 66.5 99.7

98 47.9 37.0 55.6





#37

1,2-Dichloropropane

Concen: 29.555 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

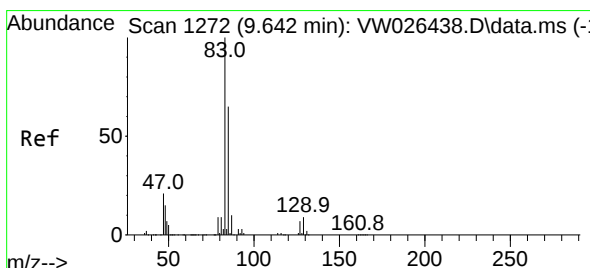
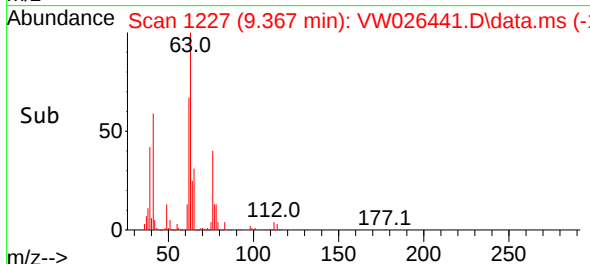
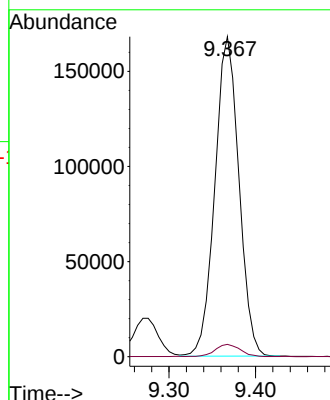
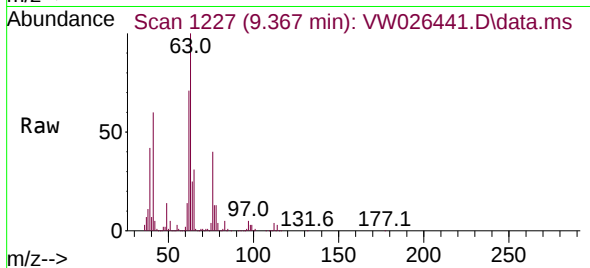
A46Q0MS

Tgt Ion: 63 Resp: 323636

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 28.210 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

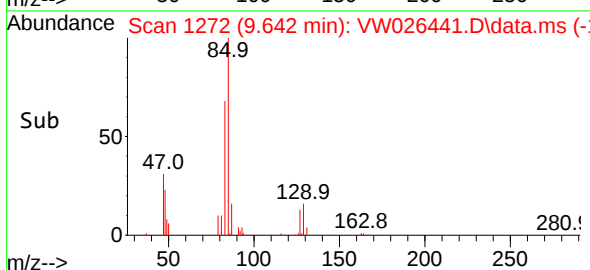
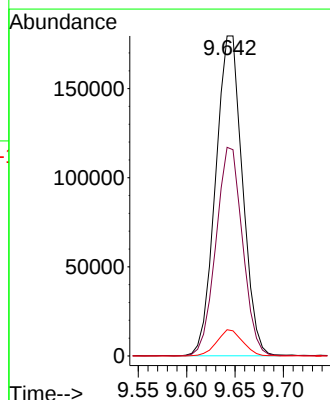
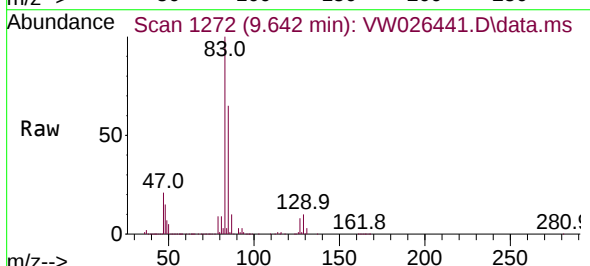
Tgt Ion: 83 Resp: 346714

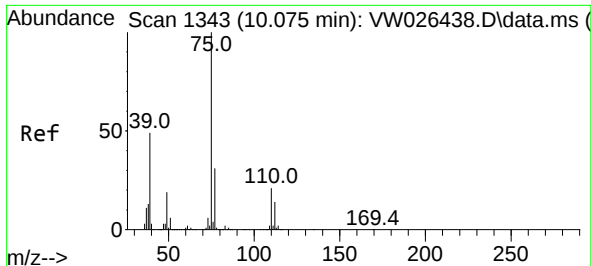
Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

127 8.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.729 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

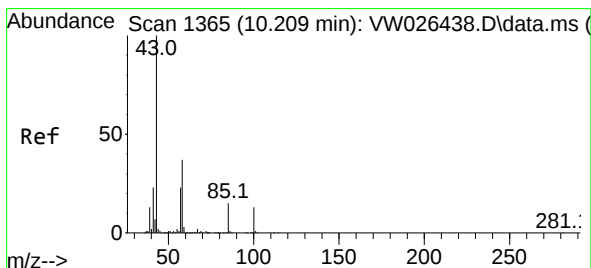
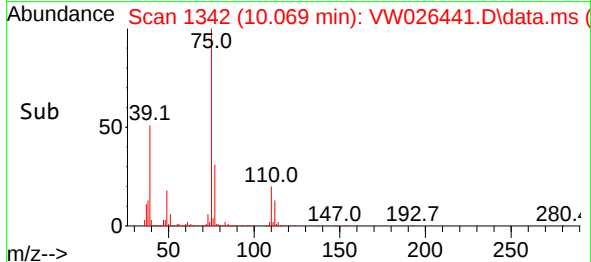
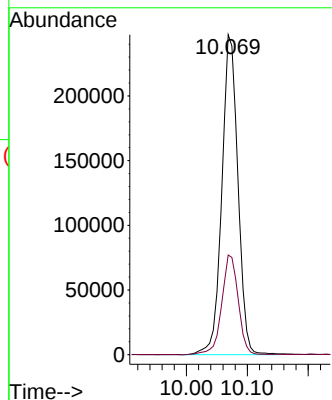
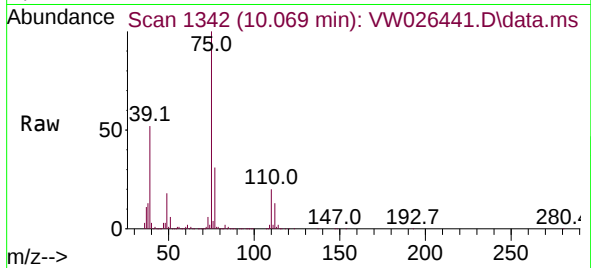
A46Q0MS

Tgt Ion: 75 Resp: 454464

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 64.015 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

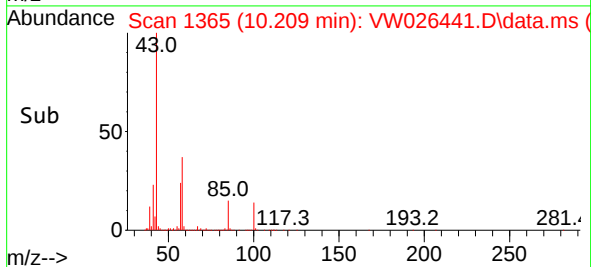
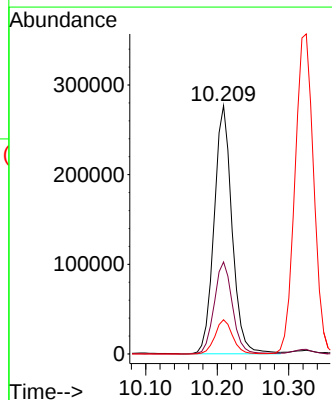
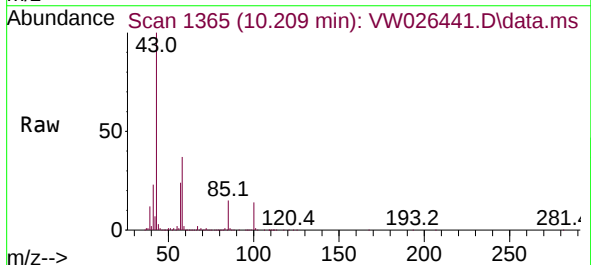
Tgt Ion: 43 Resp: 481287

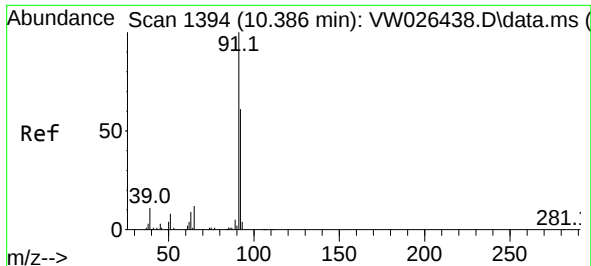
Ion Ratio Lower Upper

43 100

58 37.8 29.7 44.5

100 13.6 10.9 16.3

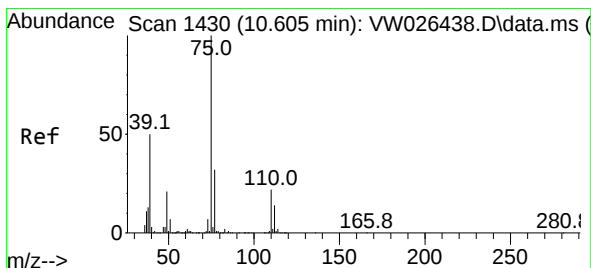
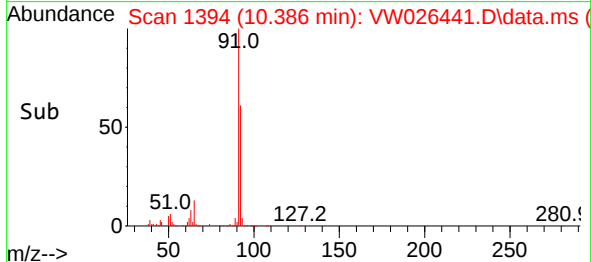
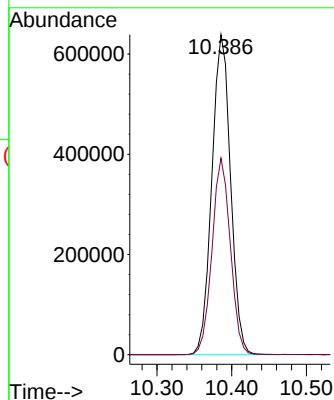
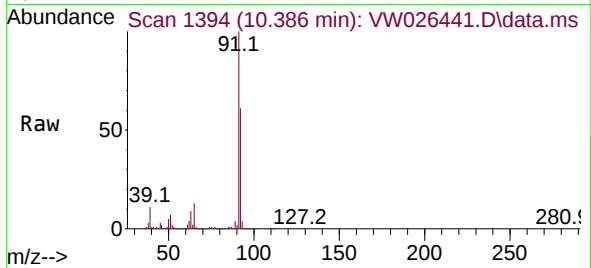




#42
Toluene
Concen: 26.333 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

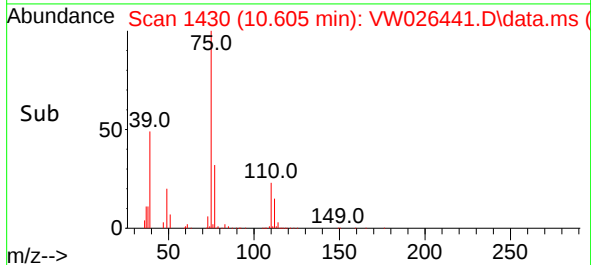
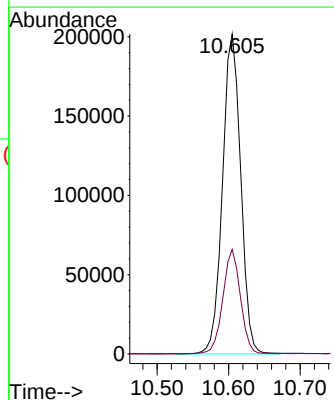
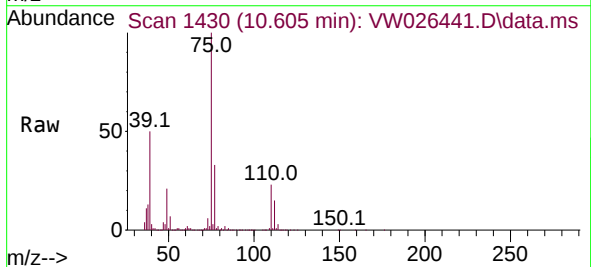
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

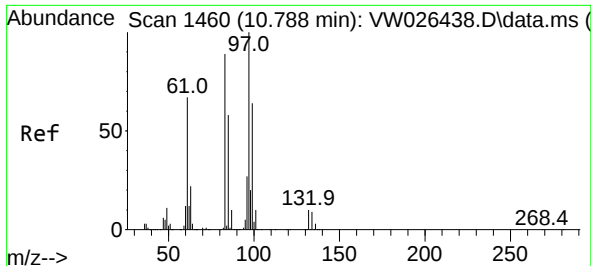
Tgt Ion: 91 Resp: 1111282
Ion Ratio Lower Upper
91 100
92 61.4 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 26.647 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 75 Resp: 356924
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 28.573 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

Tgt Ion: 97 Resp: 213128

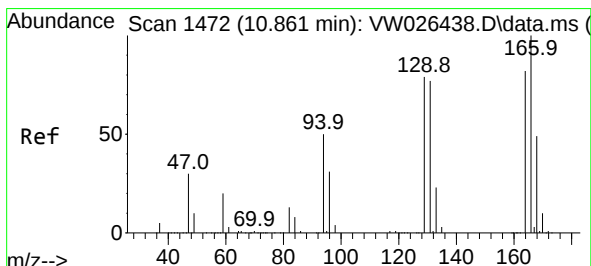
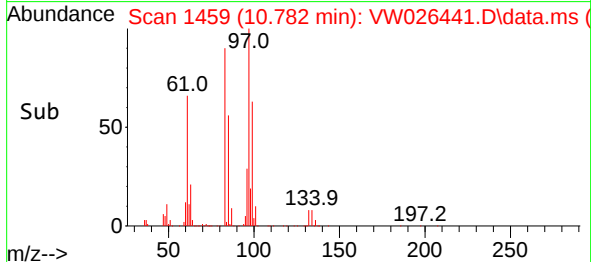
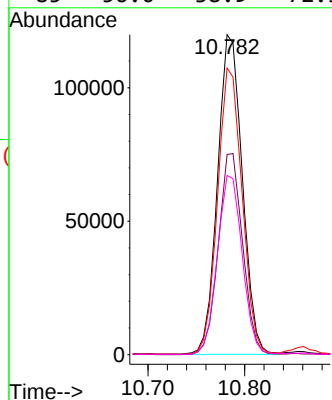
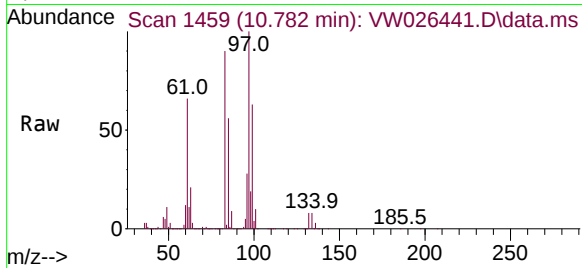
Ion Ratio Lower Upper

97 100

99 62.5 42.1 78.3

83 89.6 60.5 112.5

85 56.0 38.9 72.3



#46

Tetrachloroethene

Concen: 20.225 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Tgt Ion:164 Resp: 150248

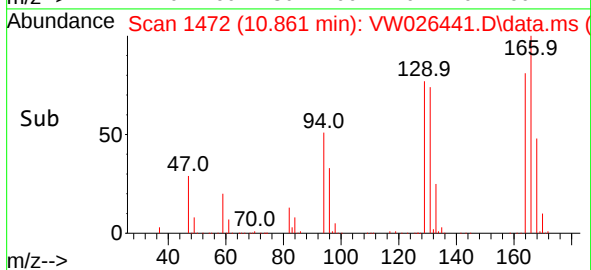
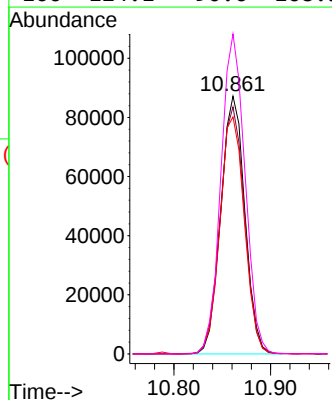
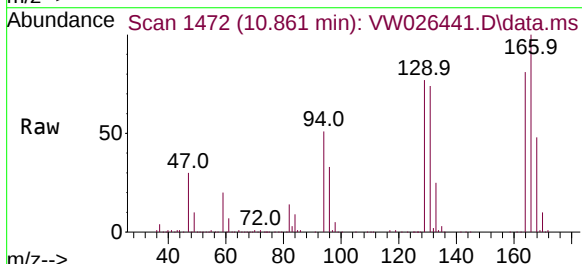
Ion Ratio Lower Upper

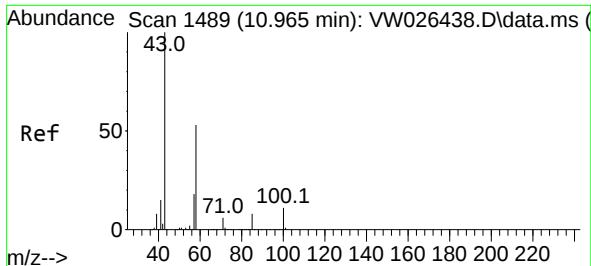
164 100

129 95.8 69.0 128.2

131 92.0 62.6 116.3

166 124.1 90.6 168.3

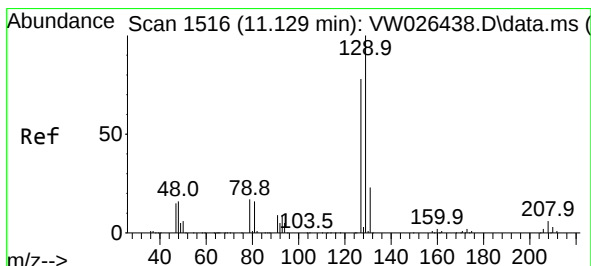
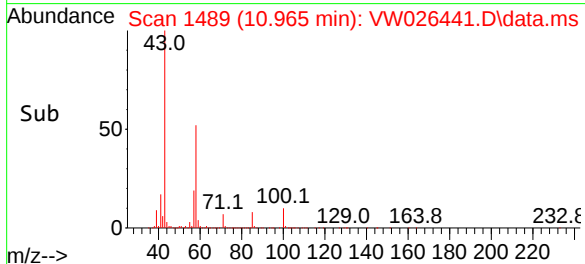
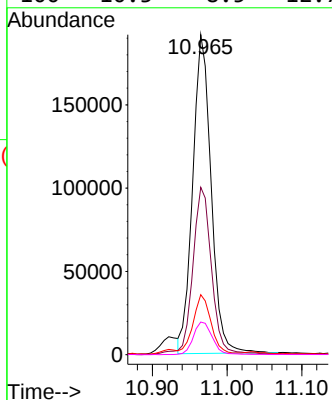
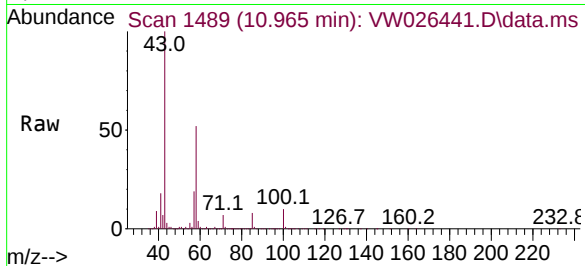




#48
2-Hexanone
Concen: 64.864 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

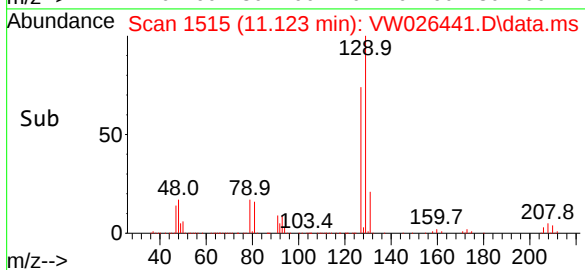
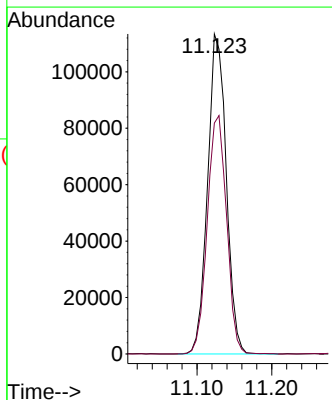
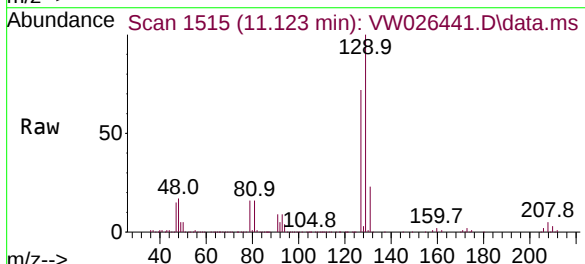
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

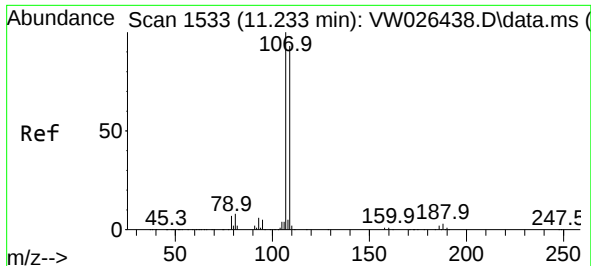
Tgt Ion: 43 Resp: 327331
Ion Ratio Lower Upper
43 100
58 53.9 42.1 63.1
57 17.6 14.5 21.7
100 10.3 8.5 12.7



#49
Dibromochloromethane
Concen: 26.442 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 129 Resp: 196447
Ion Ratio Lower Upper
129 100
127 72.1 54.0 100.4





#50

1,2-Dibromoethane

Concen: 27.742 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

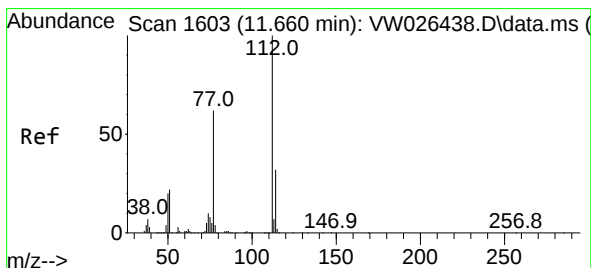
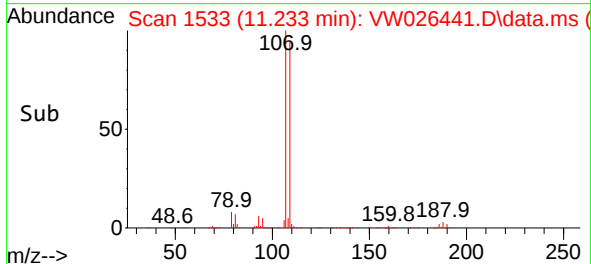
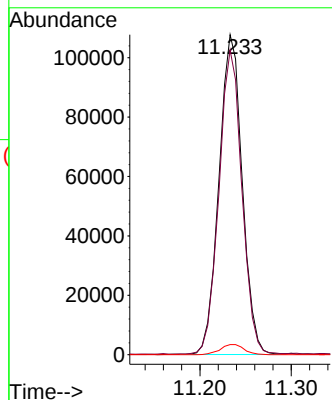
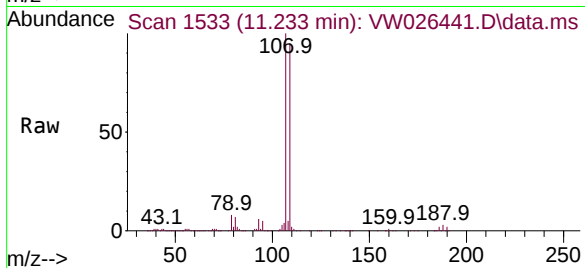
Tgt Ion:107 Resp: 190281

Ion Ratio Lower Upper

107 100

109 95.2 69.0 128.2

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 22.588 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

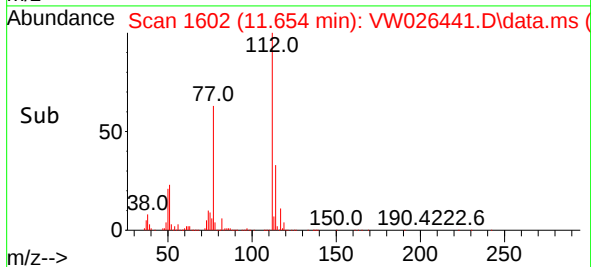
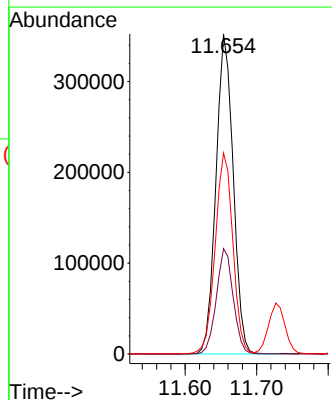
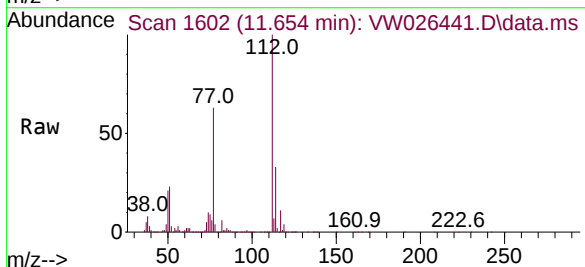
Tgt Ion:112 Resp: 589795

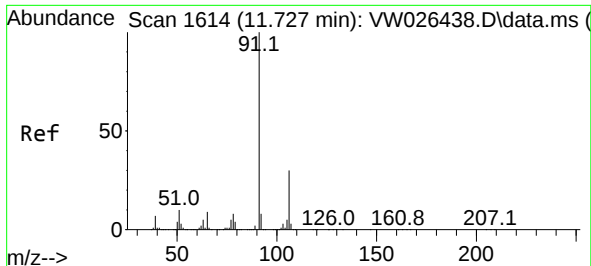
Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.5

77 62.8 49.6 74.4

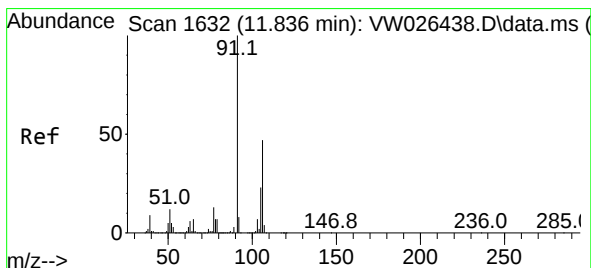
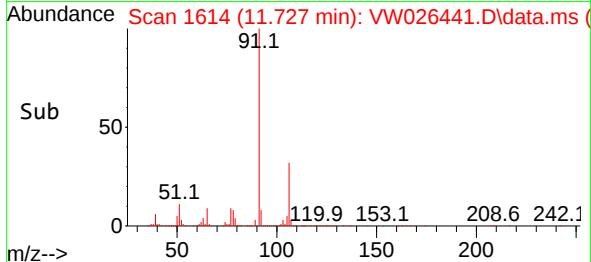
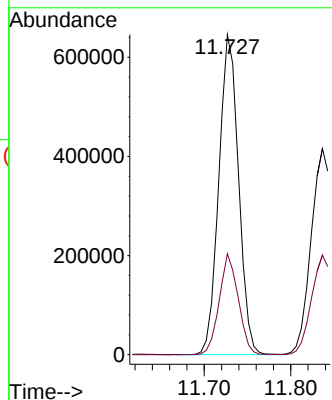
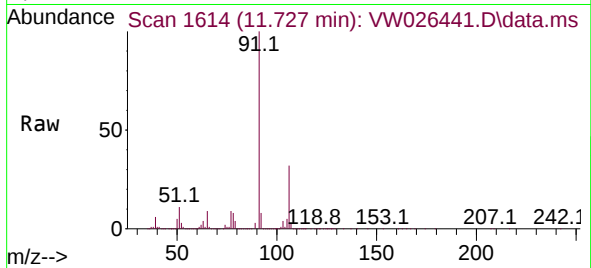




#52
Ethylbenzene
Concen: 21.508 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

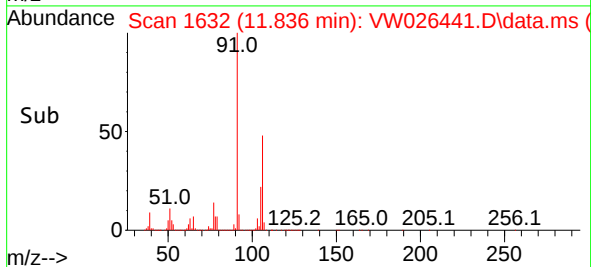
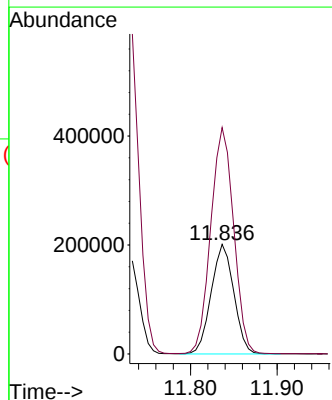
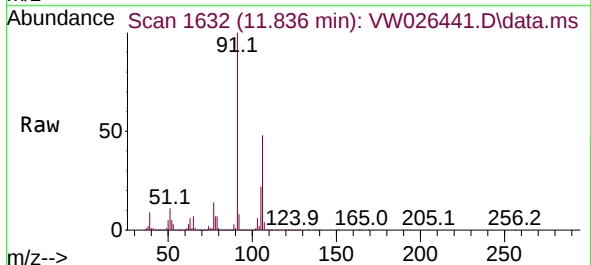
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

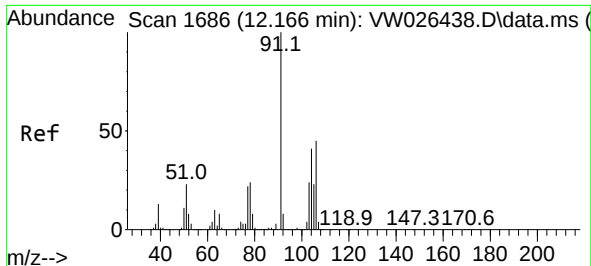
Tgt Ion: 91 Resp: 1021387
Ion Ratio Lower Upper
91 100
106 31.5 20.9 38.7



#53
m,p-Xylene
Concen: 20.755 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion:106 Resp: 365470
Ion Ratio Lower Upper
106 100
91 206.7 146.7 272.5

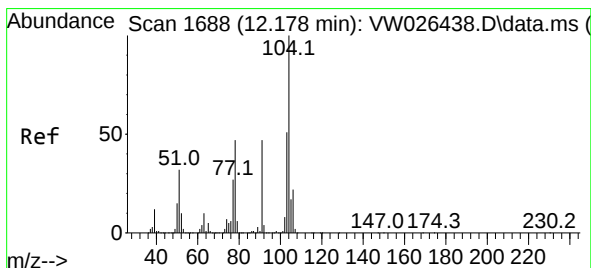
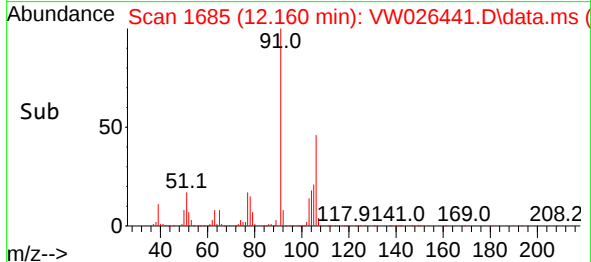
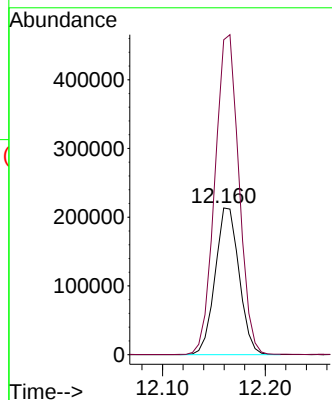
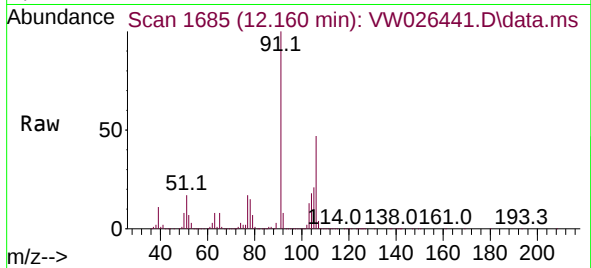




#54
o-Xylene
Concen: 21.153 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

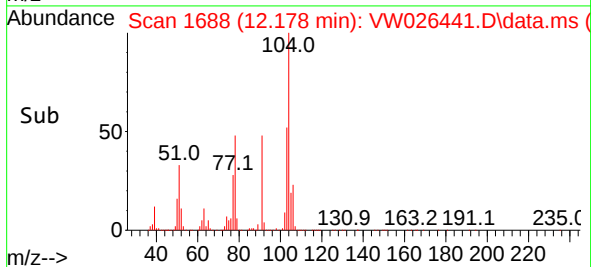
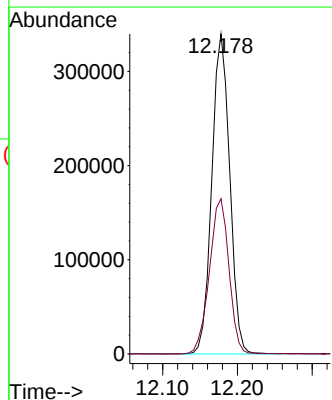
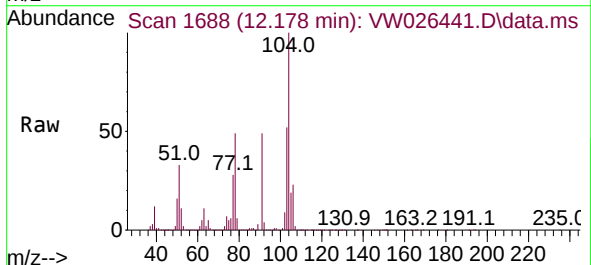
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

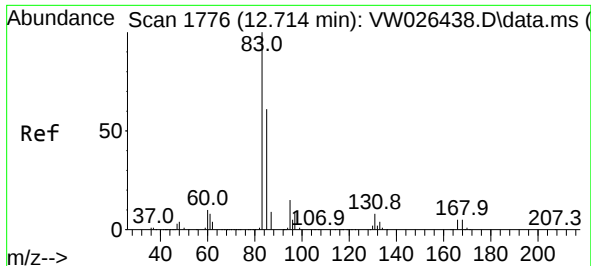
Tgt Ion:106 Resp: 345451
Ion Ratio Lower Upper
106 100
91 214.6 145.5 270.1



#55
Styrene
Concen: 20.306 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion:104 Resp: 566063
Ion Ratio Lower Upper
104 100
78 48.5 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.509 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

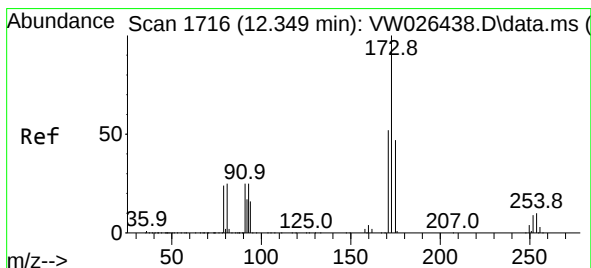
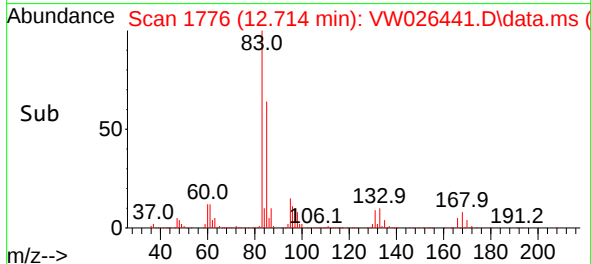
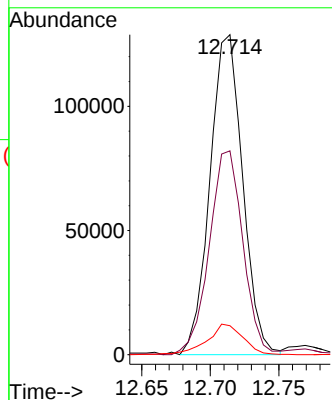
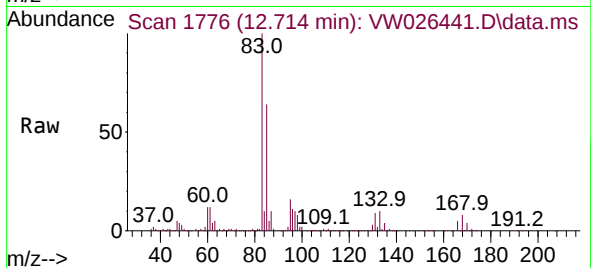
Tgt Ion: 83 Resp: 214130

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

131 9.0 7.2 10.8



#59

Bromoform

Concen: 41.190 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

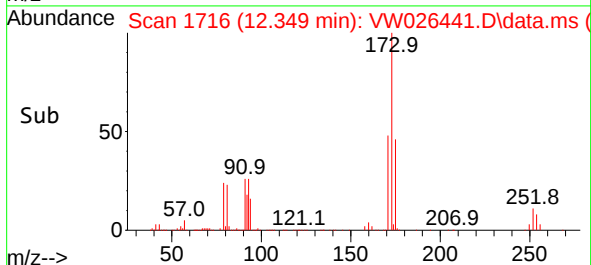
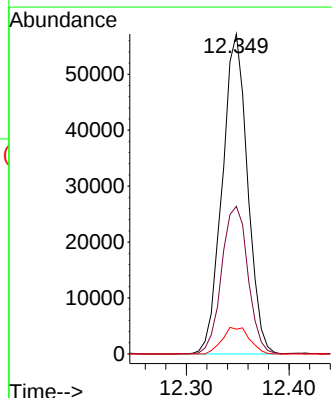
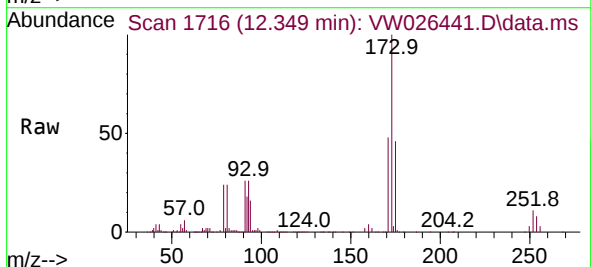
Tgt Ion:173 Resp: 97582

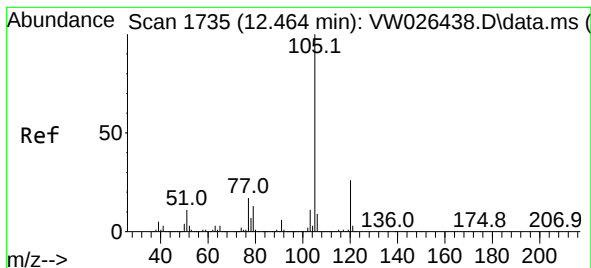
Ion Ratio Lower Upper

173 100

175 48.0 37.4 56.2

254 9.0 7.3 10.9





#60

Isopropylbenzene

Concen: 29.020 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

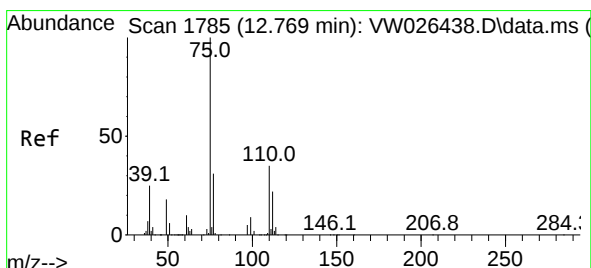
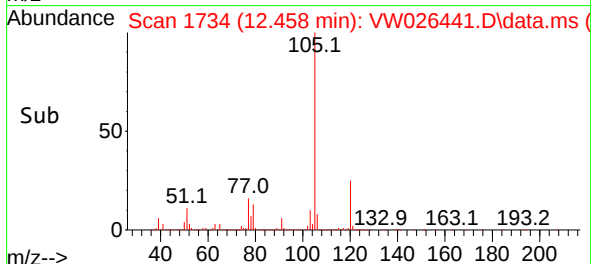
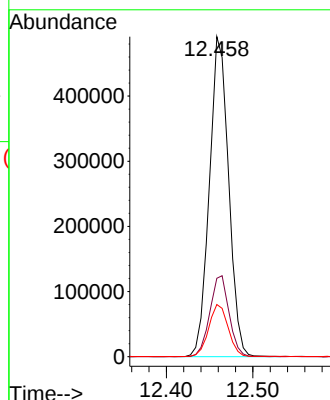
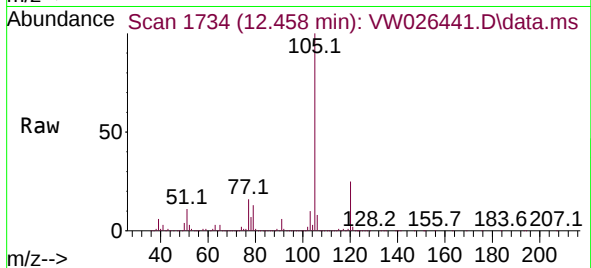
Tgt Ion:105 Resp: 757317

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

77 16.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 43.623 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

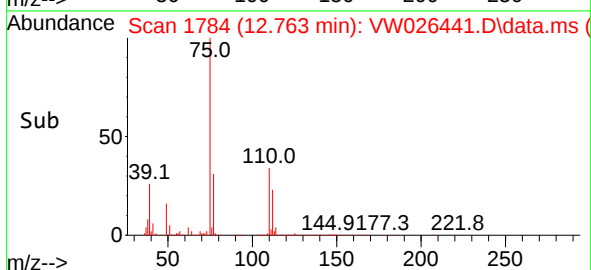
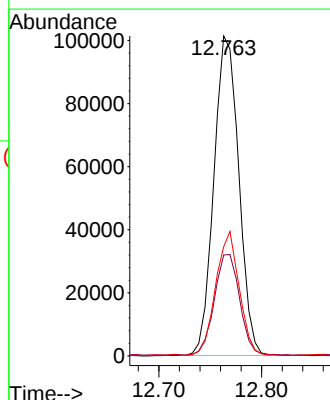
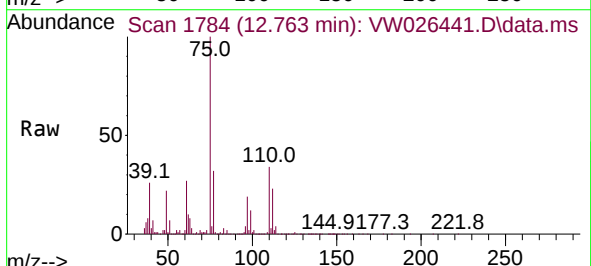
Tgt Ion: 75 Resp: 170590

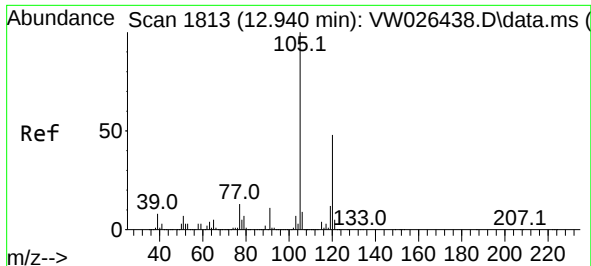
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

110 36.5 28.2 42.4

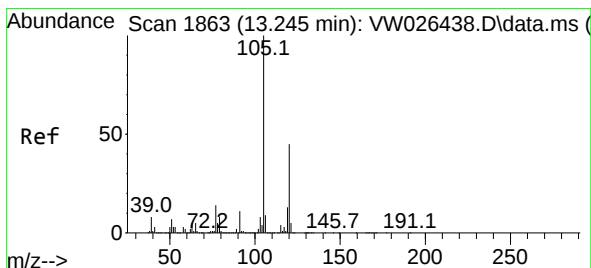
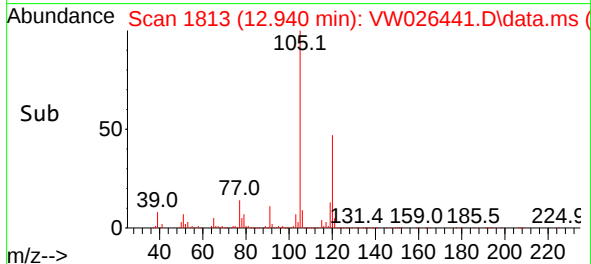
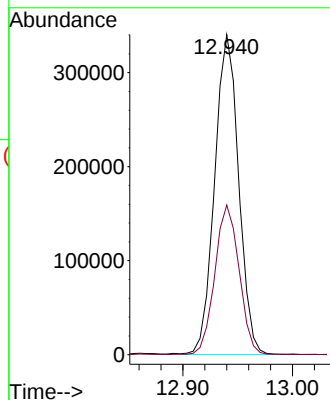
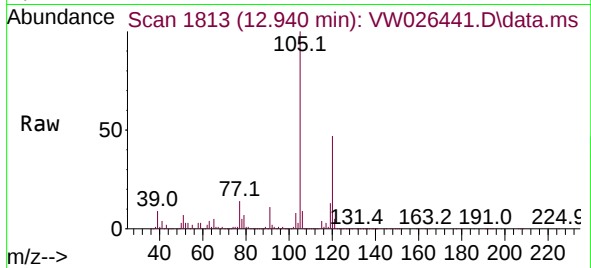




#62
1,3,5-Trimethylbenzene
Concen: 24.948 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

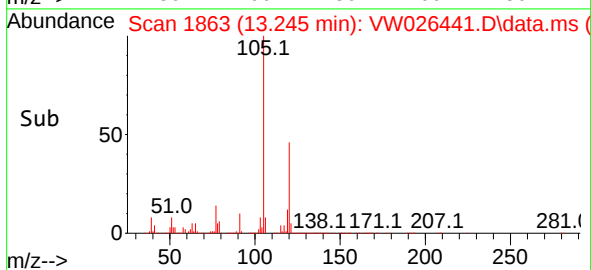
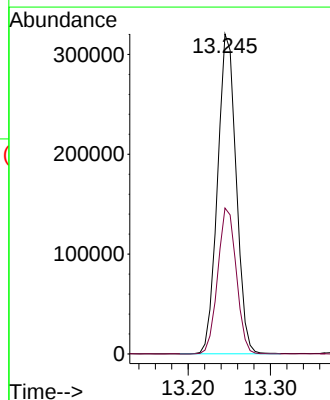
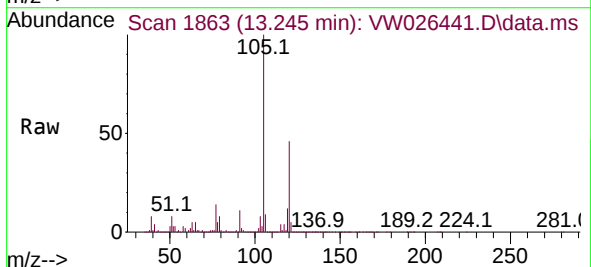
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

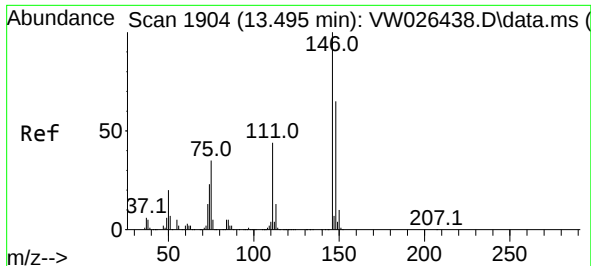
Tgt Ion:105 Resp: 517722
Ion Ratio Lower Upper
105 100
120 47.3 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 24.857 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion:105 Resp: 503923
Ion Ratio Lower Upper
105 100
120 45.5 36.0 54.0

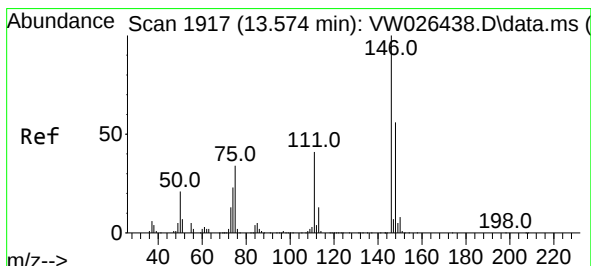
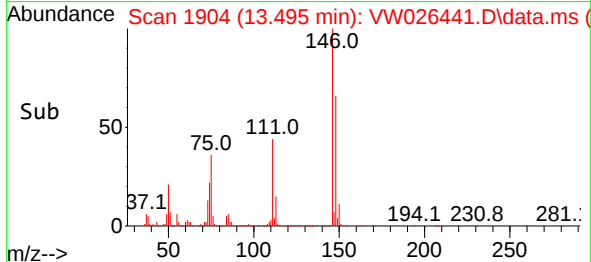
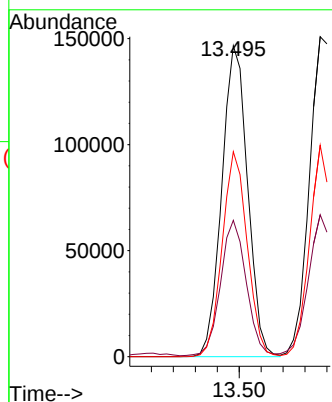
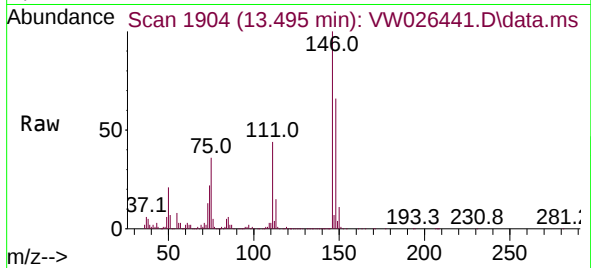




#64
1,3-Dichlorobenzene
Concen: 21.933 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

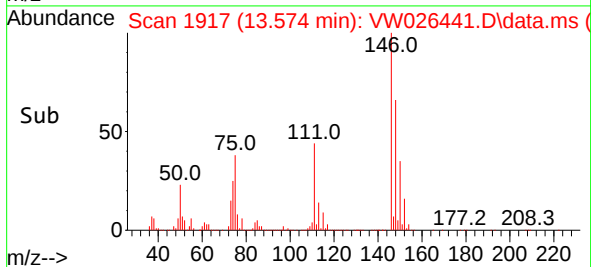
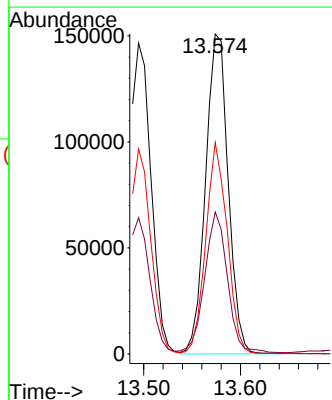
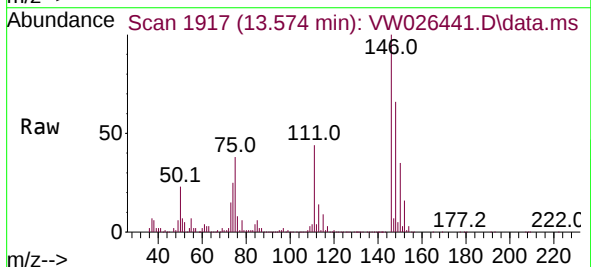
Instrument :
MSVOA_W
ClientSampleId :
A46Q0MS

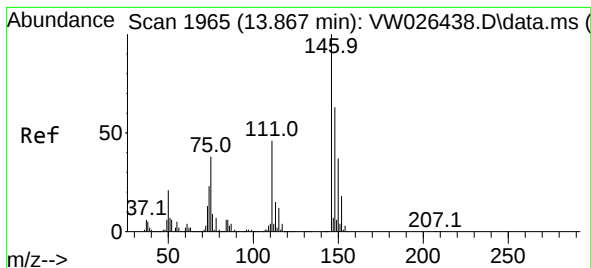
Tgt Ion:146 Resp: 240150
Ion Ratio Lower Upper
146 100
111 43.9 29.5 54.9
148 65.9 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 22.561 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026441.D
Acq: 29 Jun 2023 18:50

Tgt Ion:146 Resp: 245674
Ion Ratio Lower Upper
146 100
111 44.3 30.7 56.9
148 66.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 21.318 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

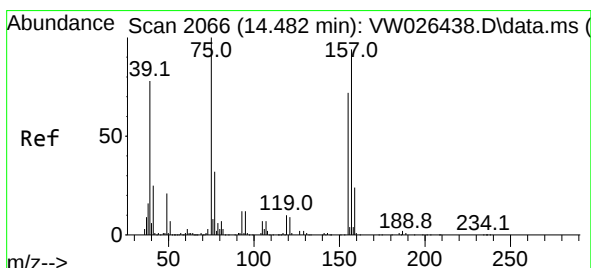
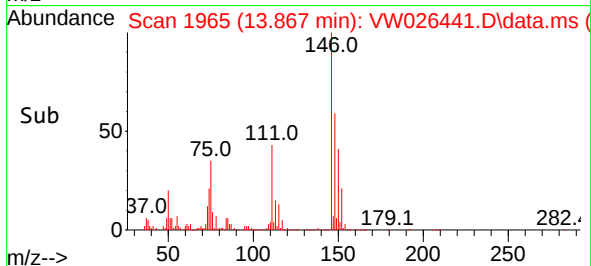
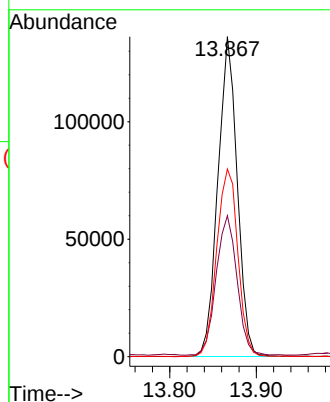
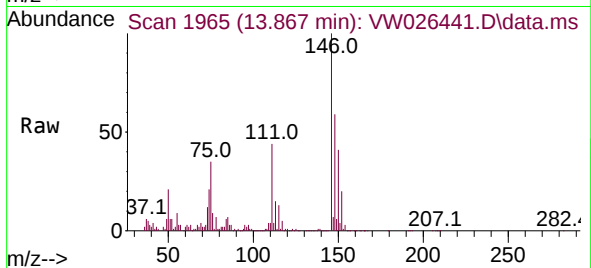
Tgt Ion:146 Resp: 211227

Ion Ratio Lower Upper

146 100

111 44.0 34.7 52.1

148 58.7 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 32.737 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

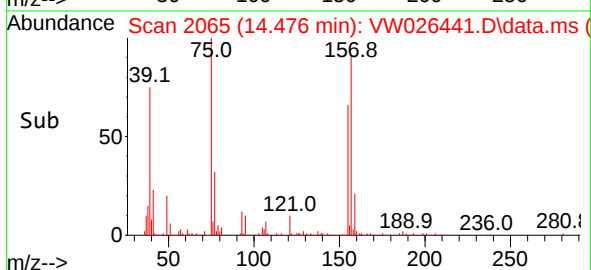
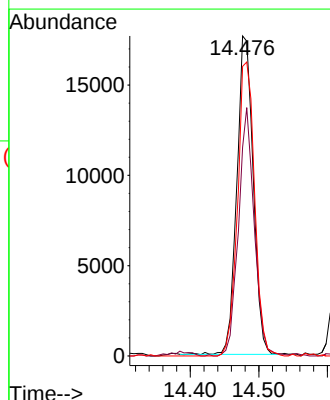
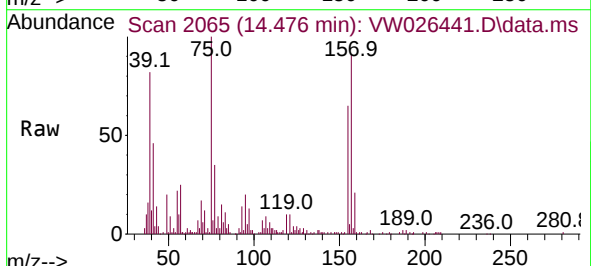
Tgt Ion: 75 Resp: 29336

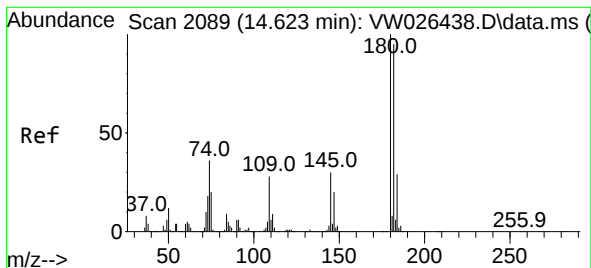
Ion Ratio Lower Upper

75 100

155 65.2 58.5 87.7

157 90.5 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 10.829 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

Tgt Ion:180 Resp: 80715

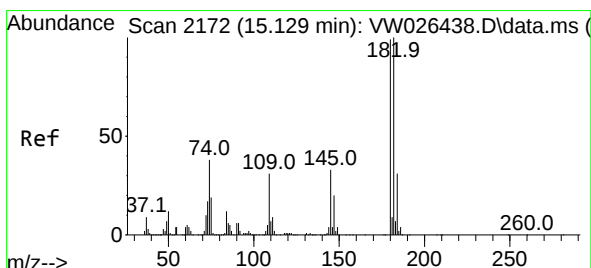
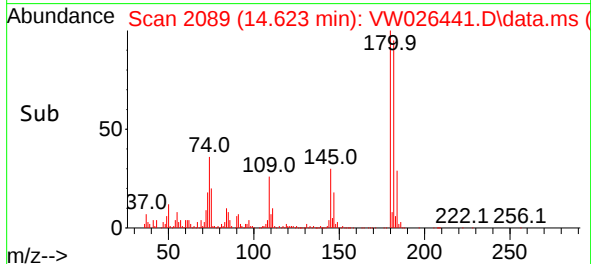
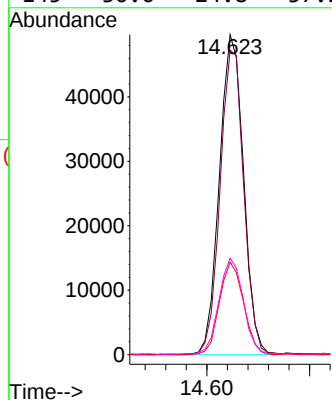
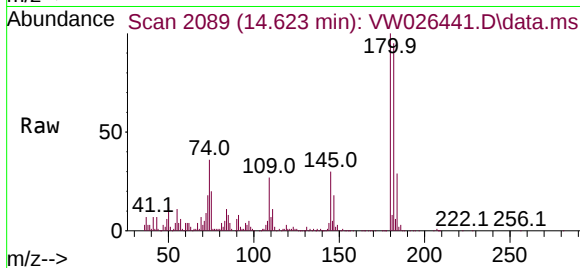
Ion Ratio Lower Upper

180 100

182 93.5 74.5 111.7

184 28.9 23.8 35.6

145 30.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 9.418 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

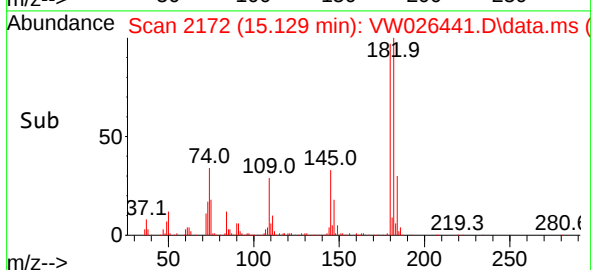
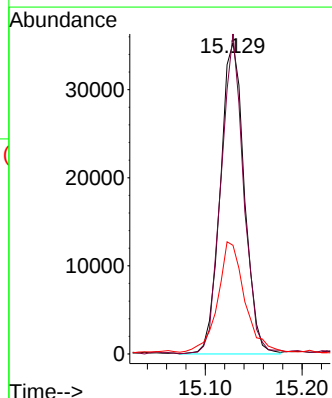
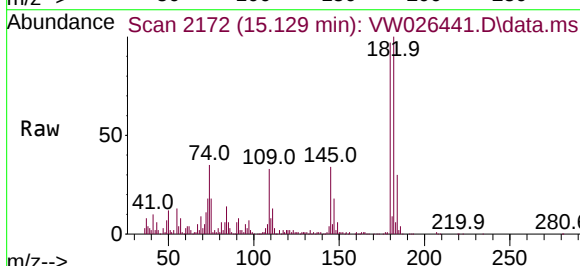
Tgt Ion:180 Resp: 60756

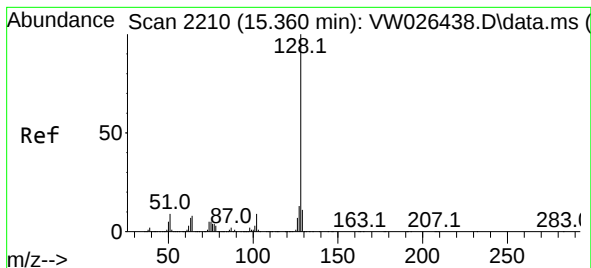
Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

145 39.8 26.2 39.2#





#71

Naphthalene

Concen: 16.213 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_W

ClientSampleId :

A46Q0MS

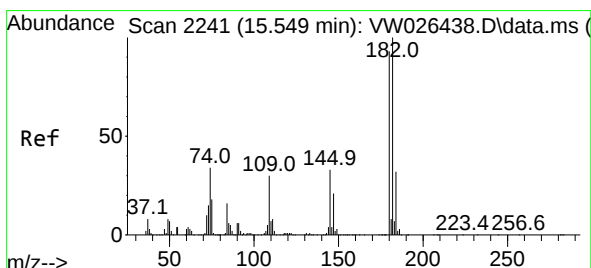
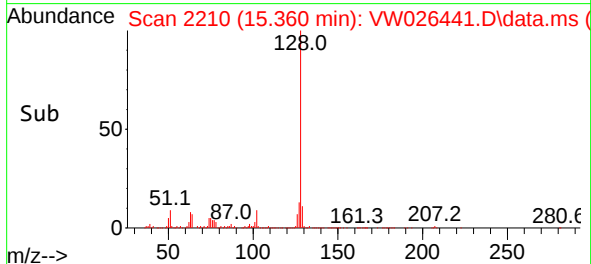
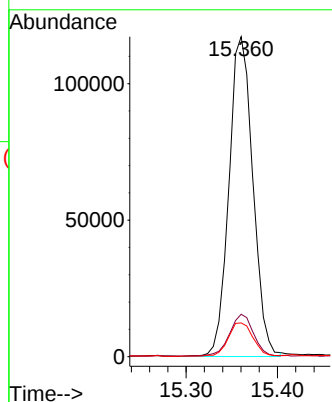
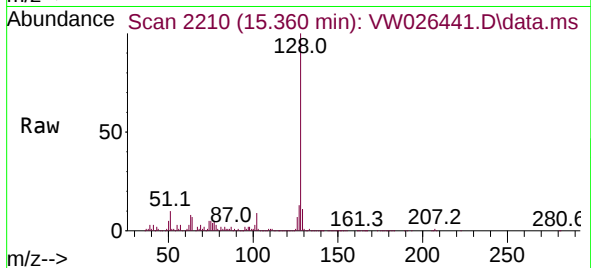
Tgt Ion:128 Resp: 213190

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 8.523 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026441.D

Acq: 29 Jun 2023 18:50

Tgt Ion:180 Resp: 47282

Ion Ratio Lower Upper

180 100

182 100.0 75.7 113.5

145 46.1 27.0 40.6#

