

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026686.D
 Acq On : 10 Aug 2023 18:55
 Operator : SY/MD
 Sample : 03968-03MSD
 Misc : 4.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H4MSD

Quant Time: Aug 11 02:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	731491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	668425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	255205	21.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
7) Chloroethane-d5	2.893	69	194356	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	4.027	65	122144	20.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	7.075	46	137259	39.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.420%
24) Chloroform-d	7.642	84	557989	22.728	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.920%
26) 1,2-Dichloroethane-d4	8.307	65	329220	24.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.270	84	1122757	24.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.270	67	357738	24.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.325	98	969356	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	10.575	79	130197	21.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.922	63	60974	40.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	297923	26.290	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	243416	22.261	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	214462	21.564	ug/L	94
3) Chloromethane	2.229	50	251178	18.470	ug/L	99
5) Vinyl chloride	2.375	62	257492	19.806	ug/L	98
6) Bromomethane	2.783	94	118365	15.627	ug/L	95
8) Chloroethane	2.930	64	147774	18.970	ug/L	96
9) Trichlorofluoromethane	3.265	101	204001	19.121	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	206995	17.961	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	207965	19.235	ug/L	97
13) Acetone	4.125	43	107200	31.195	ug/L	98
14) Carbon disulfide	4.393	76	677988	17.430	ug/L	99
15) Methyl Acetate	4.667	43	121249	17.614	ug/L	99
16) Methylene chloride	4.917	84	243466	17.206	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	236616	19.612	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	422688	23.154	ug/L	99
19) 1,1-Dichloroethane	6.216	63	498871	20.090	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	261299	20.149	ug/L	96
22) 2-Butanone	7.173	43	203132	40.110	ug/L	97
23) Bromochloromethane	7.508	128	115304	20.583	ug/L	95
25) Chloroform	7.679	83	465642	19.410	ug/L	99

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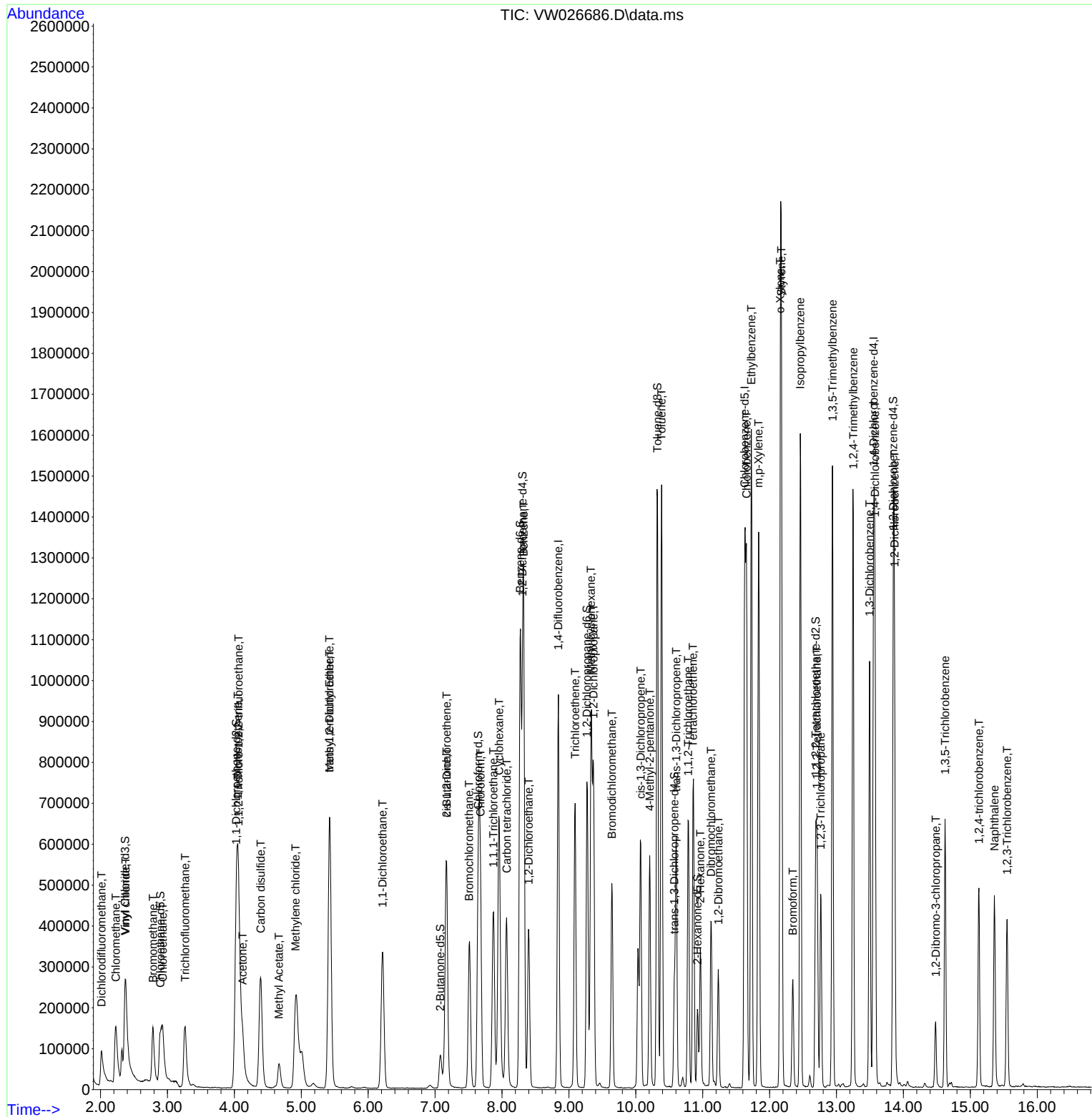
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	349042	20.856	ug/L	99
29) Cyclohexane	7.959	56	393785	19.050	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	358099	20.528	ug/L	100
31) Carbon tetrachloride	8.069	117	320408	20.088	ug/L	95
33) Benzene	8.325	78	1042643	21.420	ug/L	100
34) Trichloroethene	9.093	95	250233	20.184	ug/L	96
35) Methylcyclohexane	9.331	83	349750	16.491	ug/L	99
37) 1,2-Dichloropropane	9.367	63	290307	21.774	ug/L	99
38) Bromodichloromethane	9.642	83	333600	21.329	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	355748	18.547	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	381601	44.000	ug/L	99
42) Toluene	10.386	91	1042854	21.179	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	326591	19.782	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	206084	22.601	ug/L	97
46) Tetrachloroethene	10.855	164	161785	17.963	ug/L	92
48) 2-Hexanone	10.965	43	229874	38.953	ug/L	99
49) Dibromochloromethane	11.123	129	212214	22.252	ug/L	97
50) 1,2-Dibromoethane	11.233	107	187449	21.909	ug/L	95
51) Chlorobenzene	11.654	112	615395	19.785	ug/L	98
52) Ethylbenzene	11.727	91	1082812	19.609	ug/L	99
53) m,p-Xylene	11.837	106	400543	19.580	ug/L	94
54) o-Xylene	12.160	106	389934	20.424	ug/L	95
55) Styrene	12.178	104	613812	18.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	256787	22.236	ug/L	98
59) Bromoform	12.349	173	119229	24.914	ug/L	96
60) Isopropylbenzene	12.458	105	981654	21.613	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	198376	26.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	765474	21.322	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	754185	21.438	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	397225	20.109	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	395367	19.179	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	346878	19.311	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	43162	24.160	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	182762	13.695	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	141523	12.508	ug/L	91
71) Naphthalene	15.360	128	373683	17.313	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	130271	12.765	ug/L	97

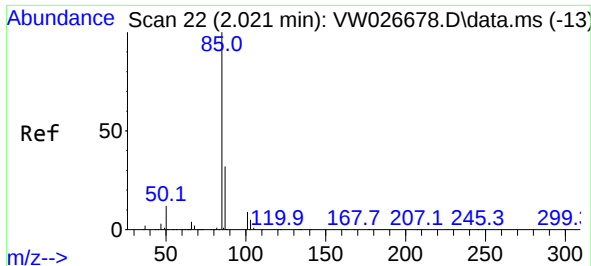
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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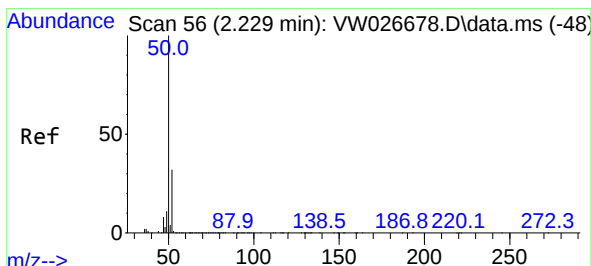
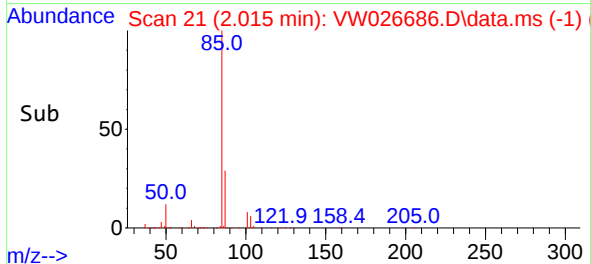
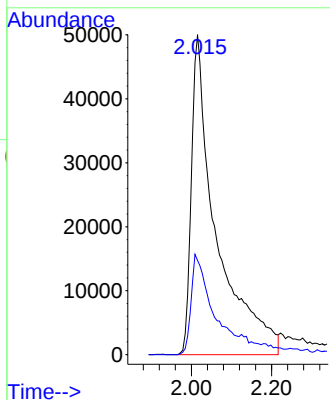
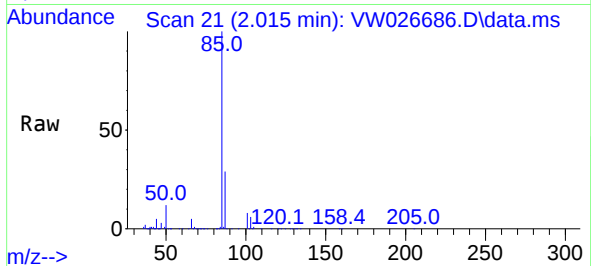




#2
Dichlorodifluoromethane
Concen: 21.564 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

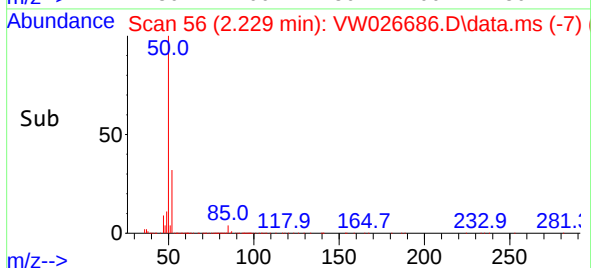
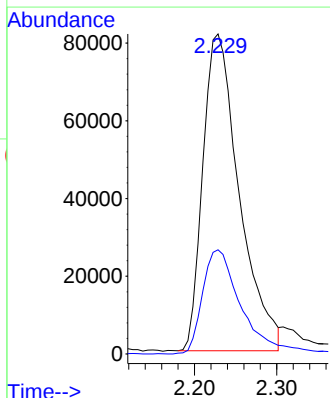
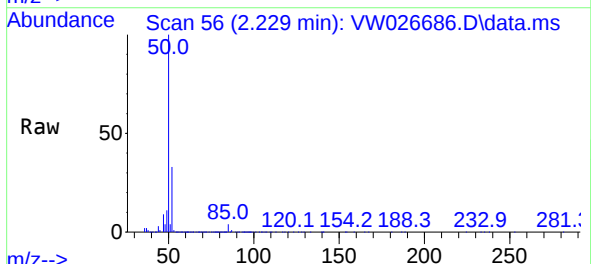
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MSVOA_W
ClientSampleId :
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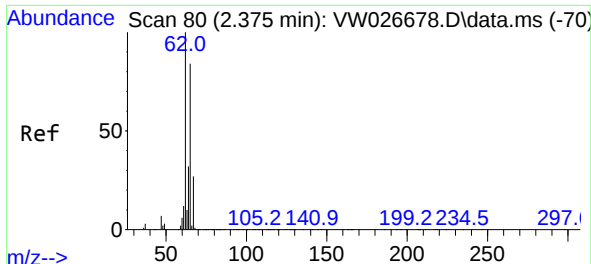
Tgt Ion: 85 Resp: 214462
Ion Ratio Lower Upper
85 100
87 27.3 19.5 29.3



#3
Chloromethane
Concen: 18.470 ug/L
RT: 2.229 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 50 Resp: 251178
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

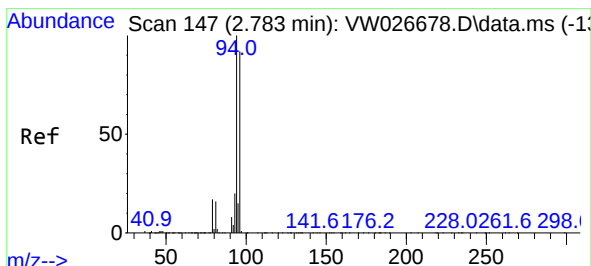
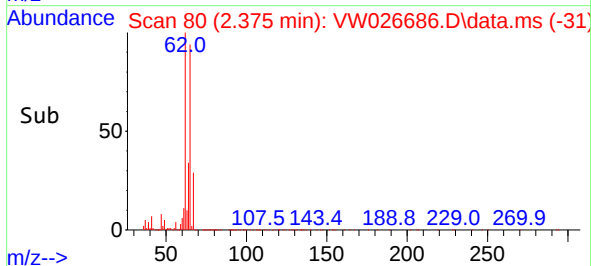
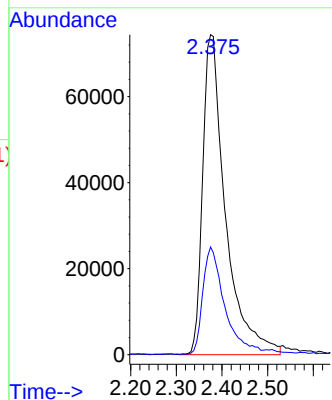
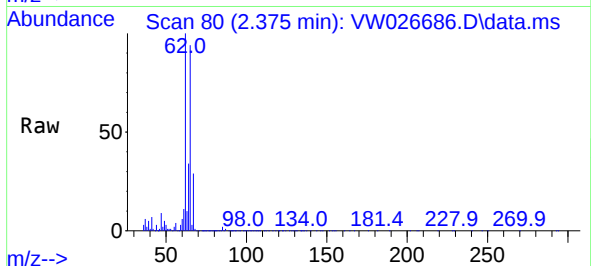




#5
 Vinyl chloride
 Concen: 19.806 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026686.D
 Acq: 10 Aug 2023 18:55

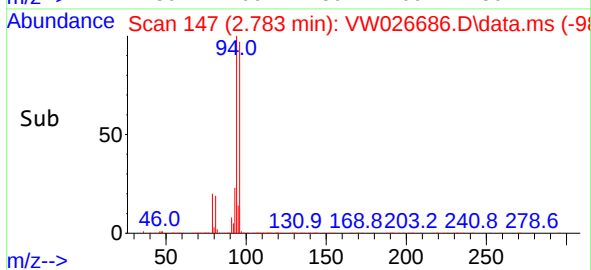
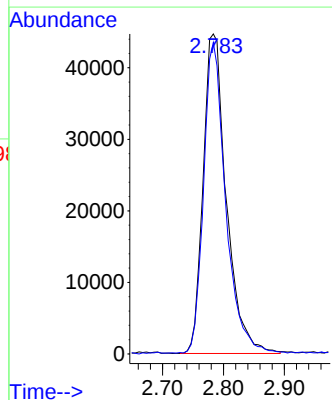
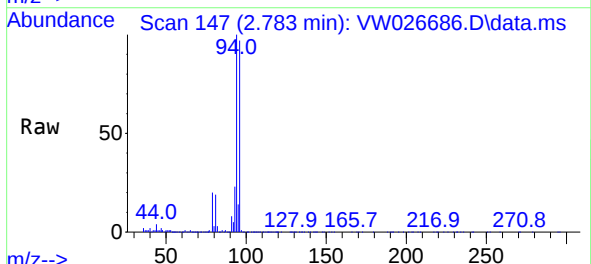
Instrument :
 MSVOA_W
 ClientSampleId :
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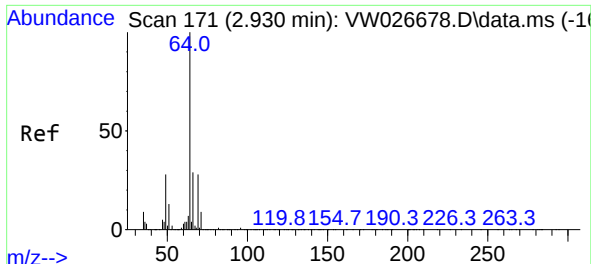
Tgt Ion: 62 Resp: 257492
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.3



#6
 Bromomethane
 Concen: 15.627 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026686.D
 Acq: 10 Aug 2023 18:55

Tgt Ion: 94 Resp: 118365
 Ion Ratio Lower Upper
 94 100
 96 97.3 64.8 120.3

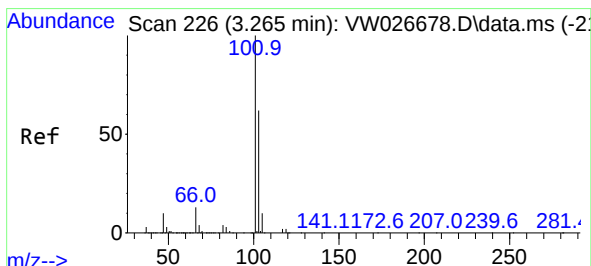
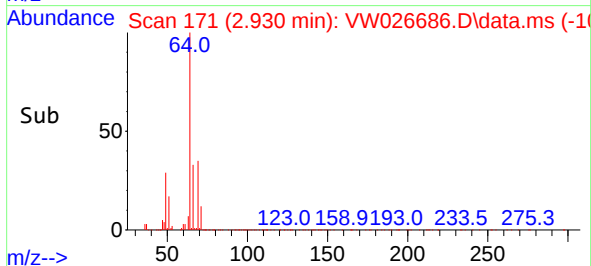
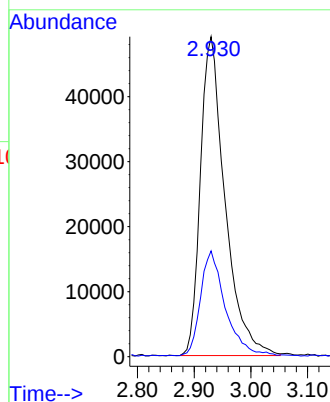
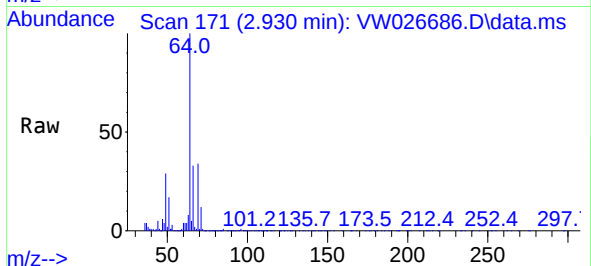




#8
Chloroethane
Concen: 18.970 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

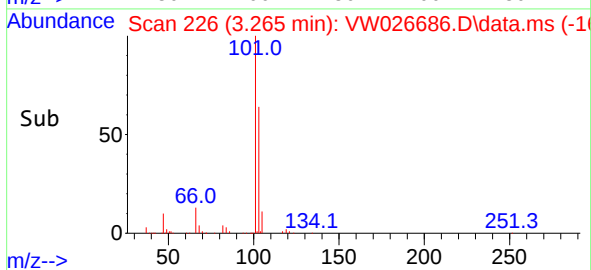
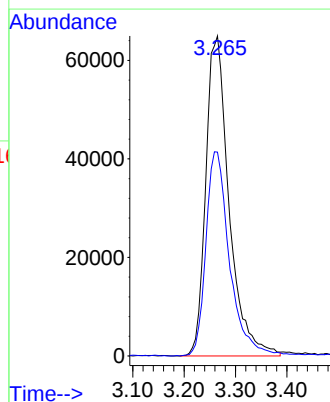
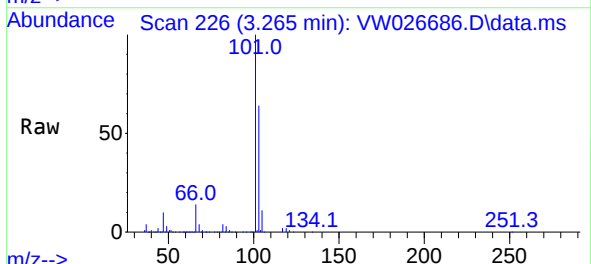
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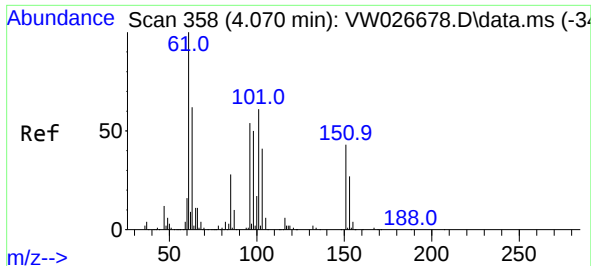
Tgt Ion: 64 Resp: 147774
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.121 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 101 Resp: 204001
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

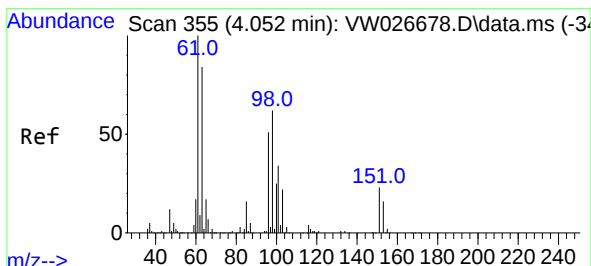
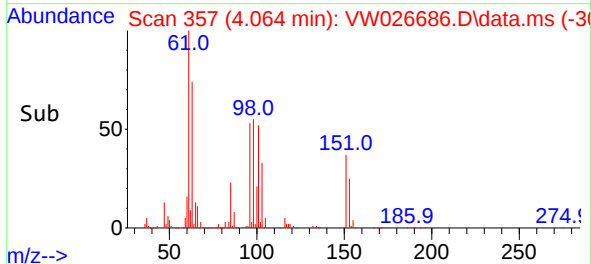
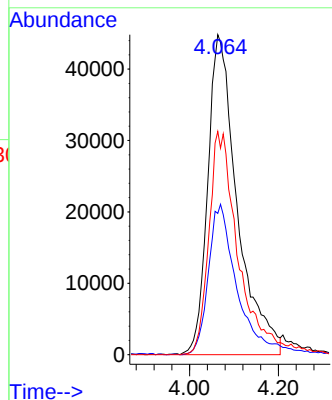
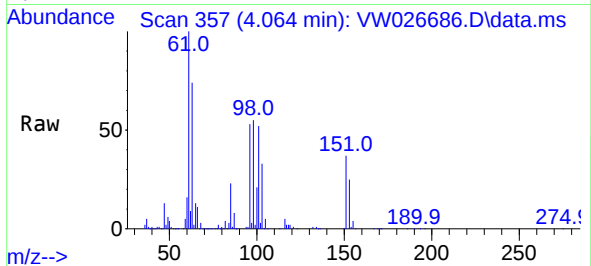




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.961 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW026686.D
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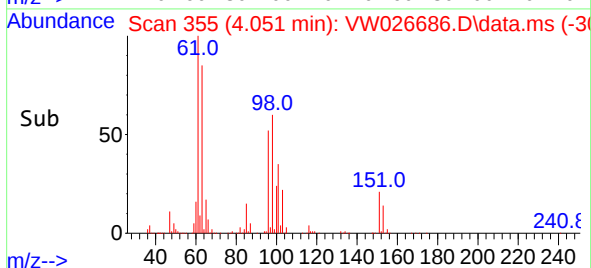
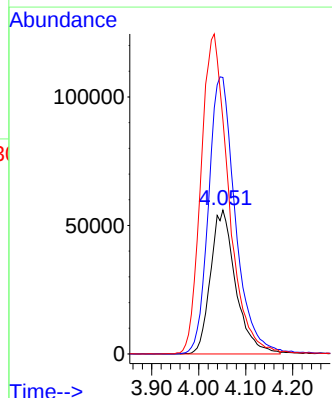
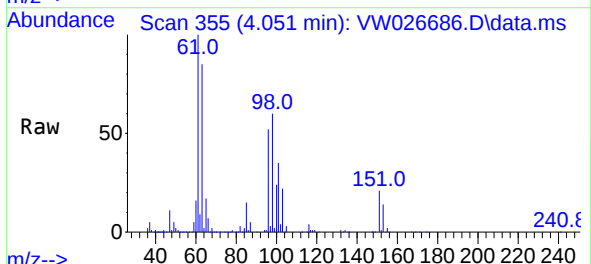
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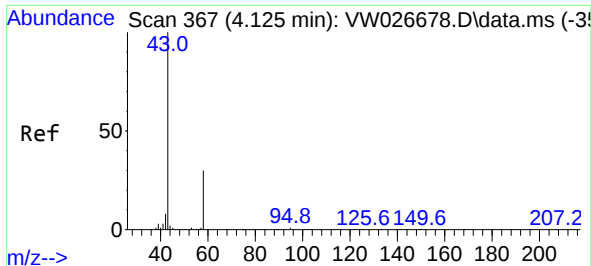
Tgt Ion:101 Resp: 206995
 Ion Ratio Lower Upper
 101 100
 85 44.0 32.8 49.2
 151 29.3 54.4 81.6#



#12
 1,1-Dichloroethene
 Concen: 19.235 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW026686.D
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Tgt Ion: 96 Resp: 207965
 Ion Ratio Lower Upper
 96 100
 61 192.1 133.2 247.4
 63 162.7 109.0 202.4

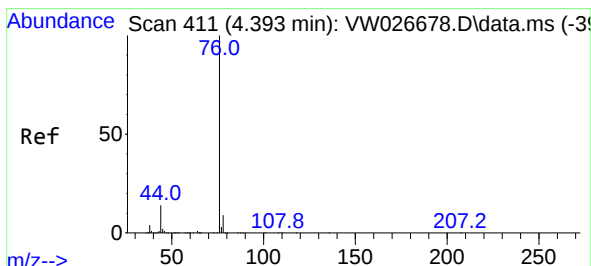
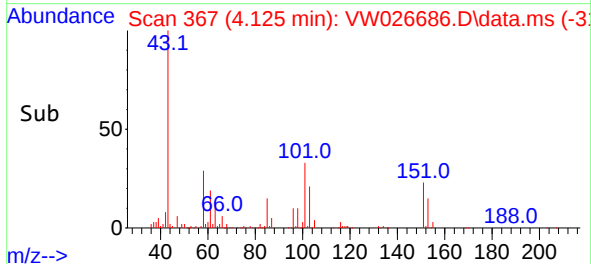
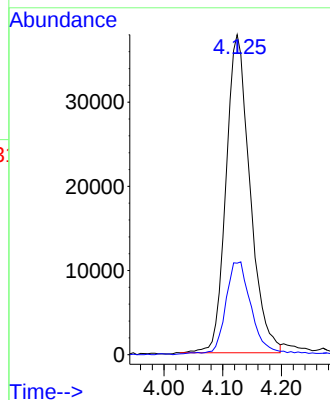
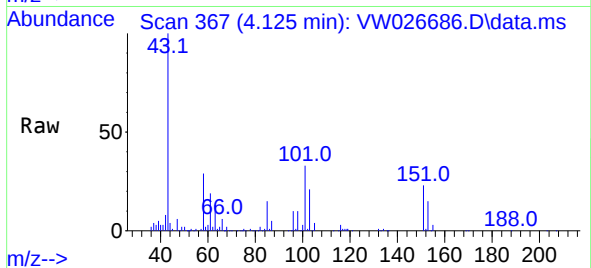




#13
Acetone
Concen: 31.195 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
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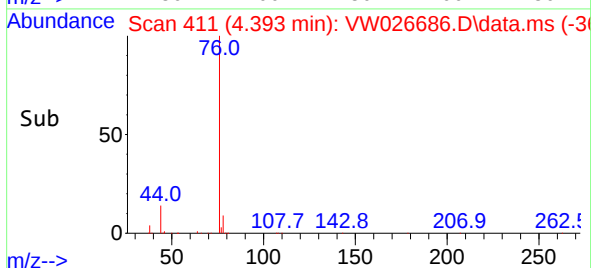
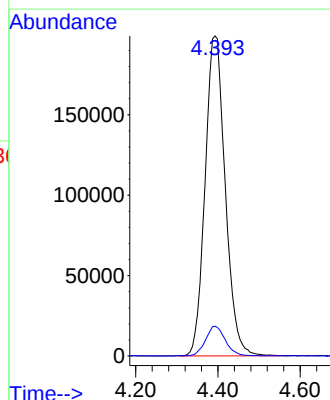
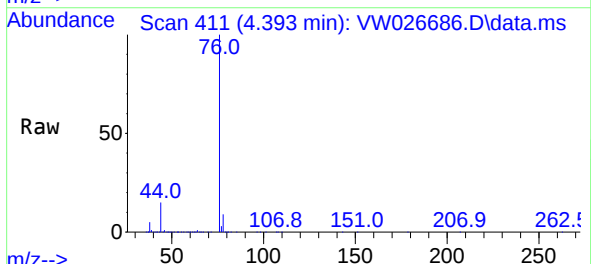
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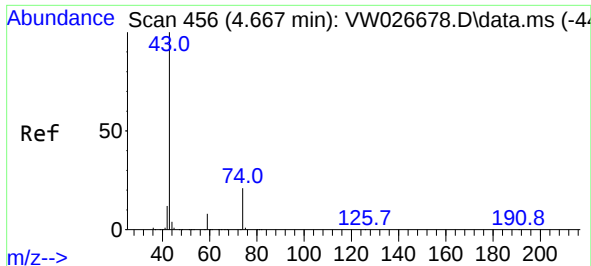
Tgt Ion: 43 Resp: 107200
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.4



#14
Carbon disulfide
Concen: 17.430 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 677988
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

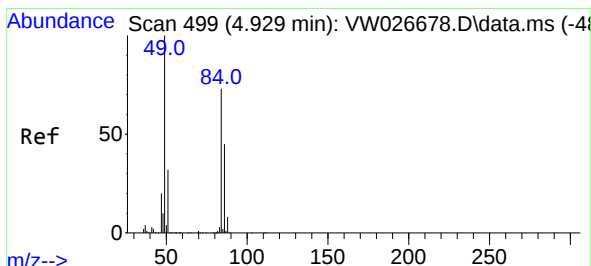
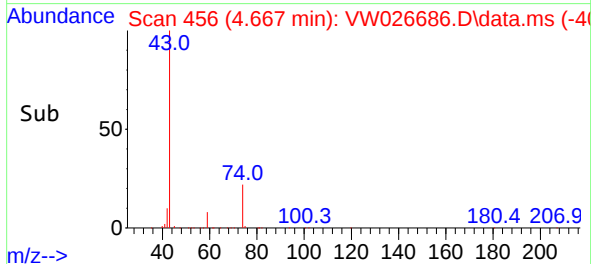
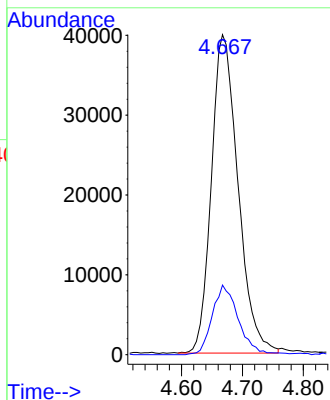
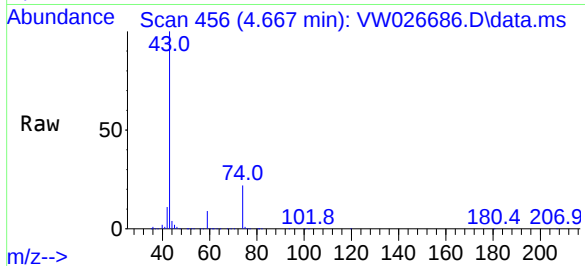




#15
Methyl Acetate
Concen: 17.614 ug/L
RT: 4.667 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

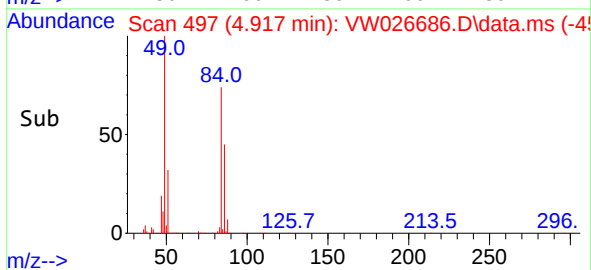
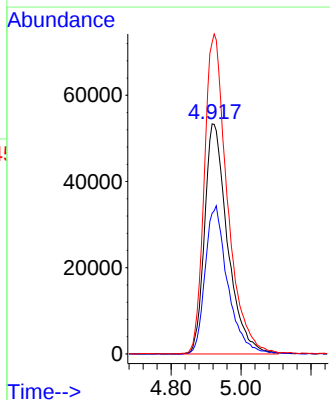
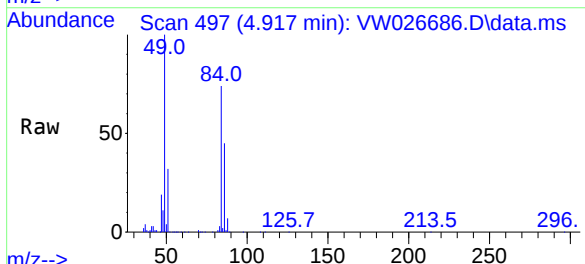
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

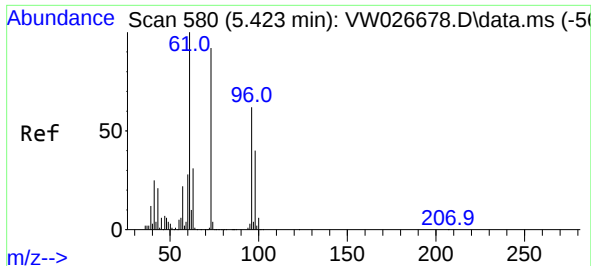
Tgt Ion: 43 Resp: 121249
Ion Ratio Lower Upper
43 100
74 21.2 16.4 24.6



#16
Methylene chloride
Concen: 17.206 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 84 Resp: 243466
Ion Ratio Lower Upper
84 100
86 61.1 43.5 80.9
49 135.4 96.0 178.2

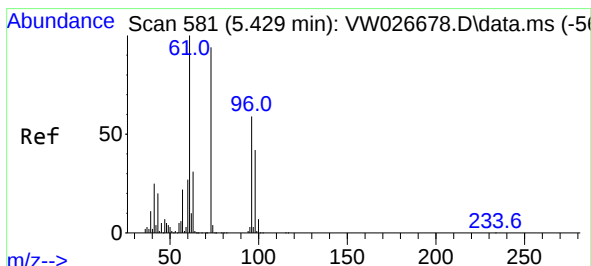
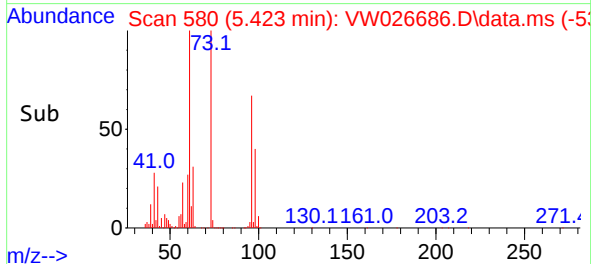
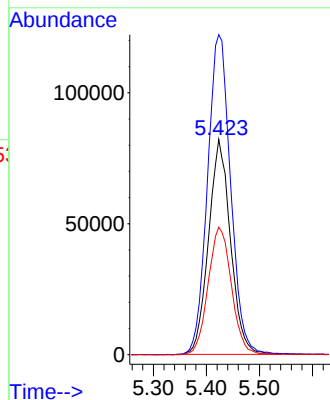
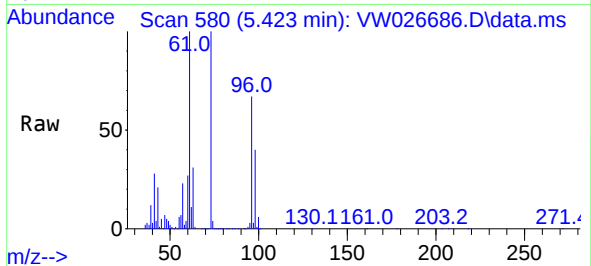




#17
trans-1,2-Dichloroethene
Concen: 19.612 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

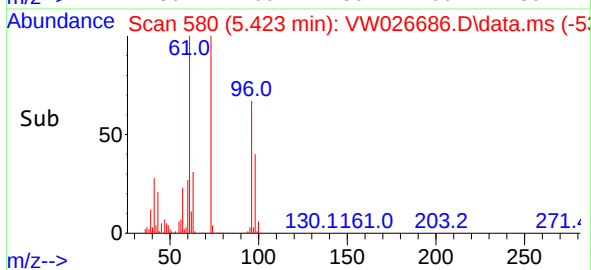
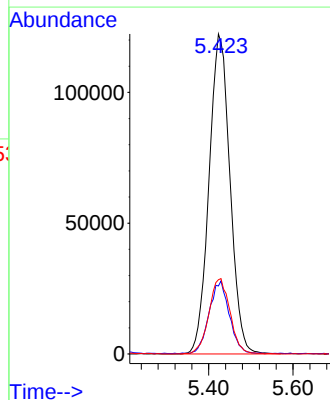
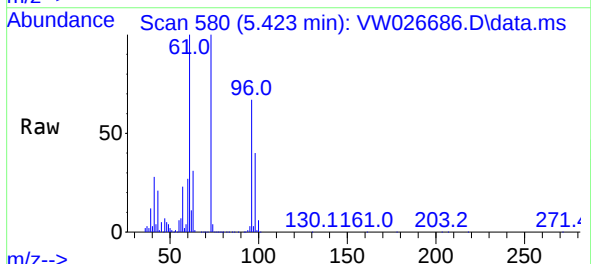
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

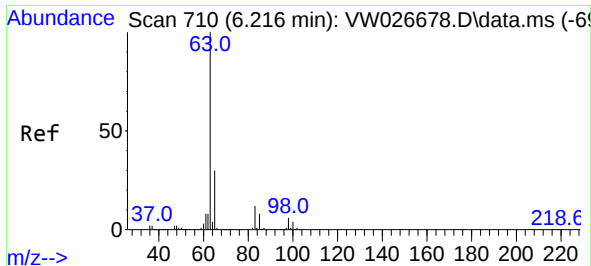
Tgt Ion: 96 Resp: 236616
Ion Ratio Lower Upper
96 100
61 148.6 109.4 203.2
98 59.2 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.154 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 73 Resp: 422688
Ion Ratio Lower Upper
73 100
43 21.8 18.0 27.0
57 23.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 20.090 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

Instrument :

MSVOA_W

ClientSampleId :

A48H4MSD

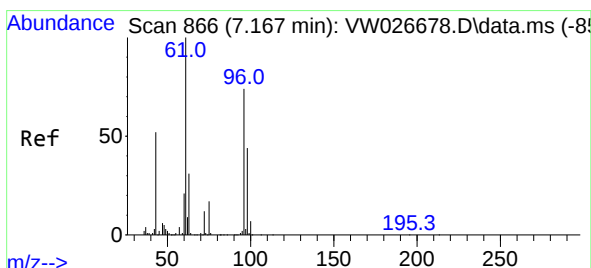
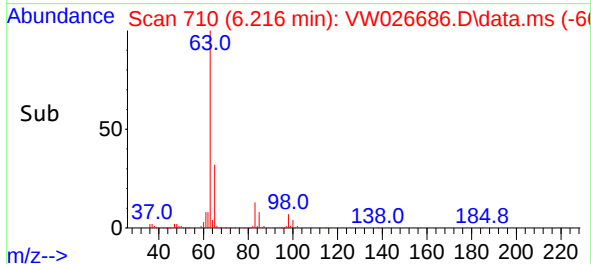
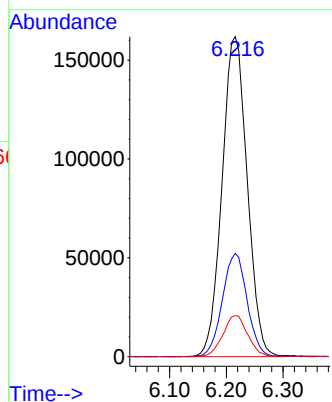
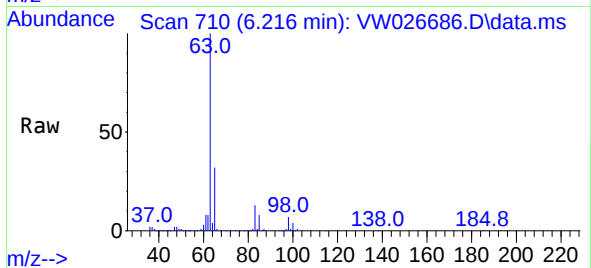
Tgt Ion: 63 Resp: 498871

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 20.149 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

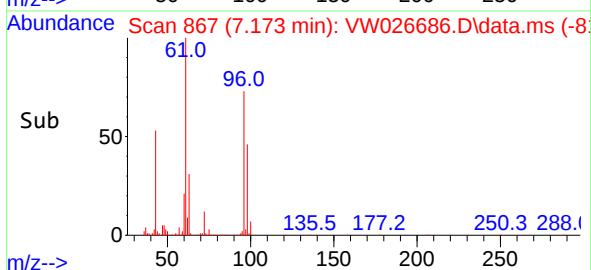
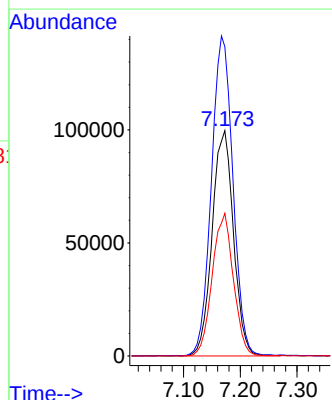
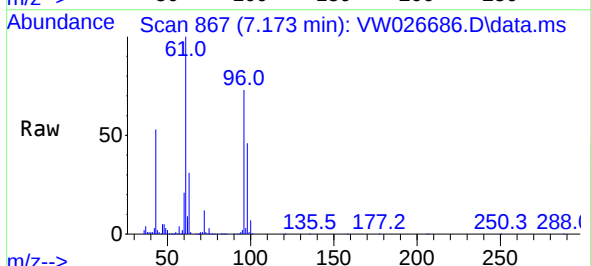
Tgt Ion: 96 Resp: 261299

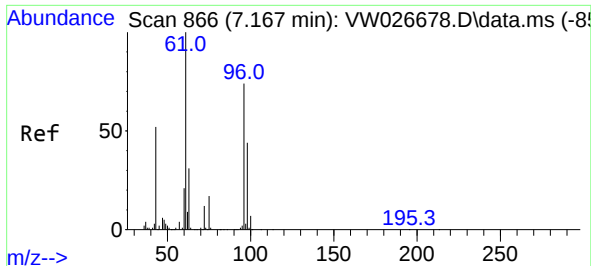
Ion Ratio Lower Upper

96 100

61 137.3 101.2 188.0

98 63.3 43.8 81.3

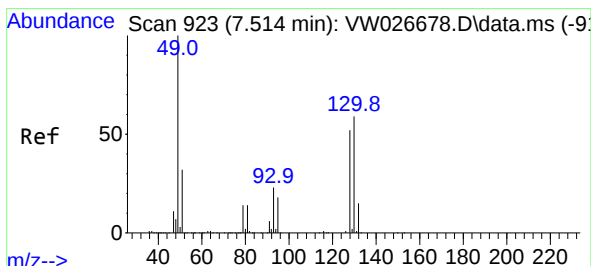
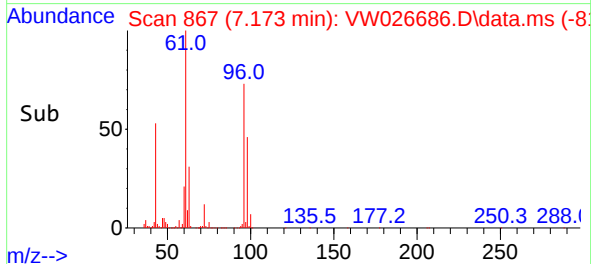
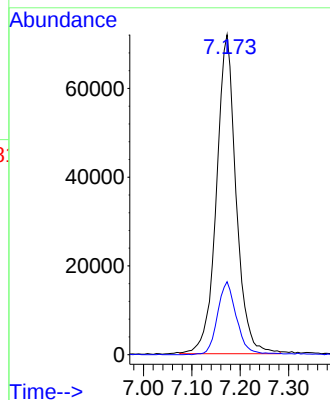
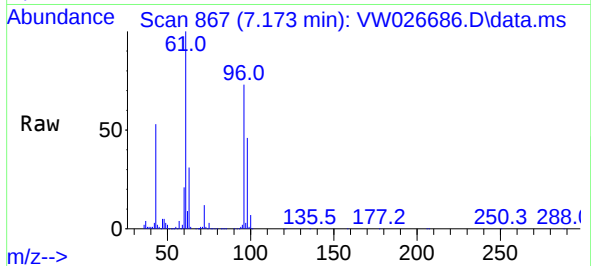




#22
2-Butanone
Concen: 40.110 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

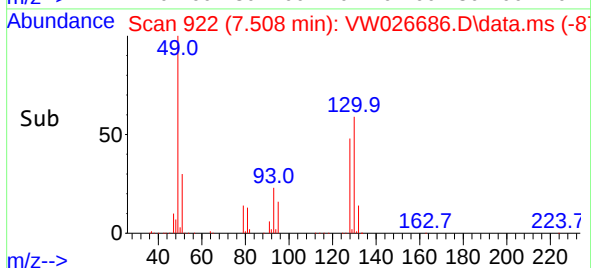
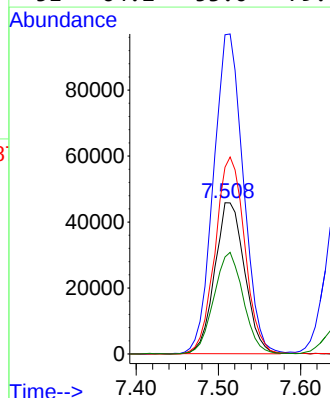
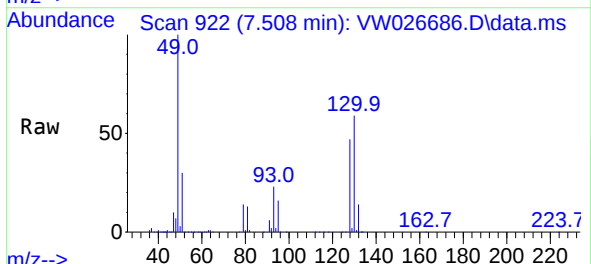
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

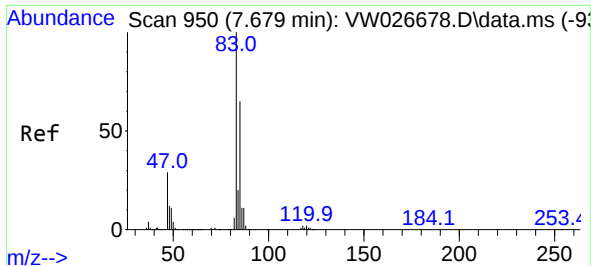
Tgt Ion: 43 Resp: 203132
Ion Ratio Lower Upper
43 100
72 21.9 11.8 35.4



#23
Bromochloromethane
Concen: 20.583 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:128 Resp: 115304
Ion Ratio Lower Upper
128 100
49 211.2 143.1 265.7
130 123.6 91.8 170.4
51 64.2 53.0 79.4

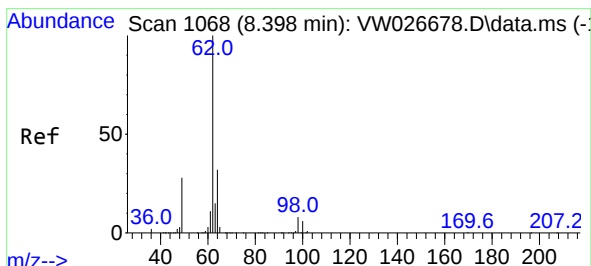
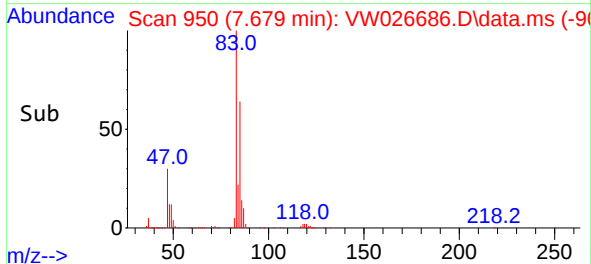
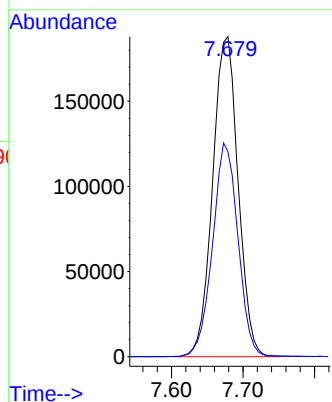
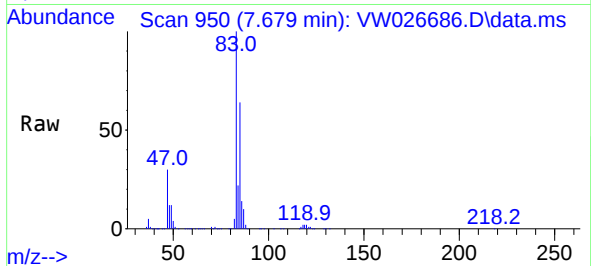




#25
Chloroform
Concen: 19.410 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

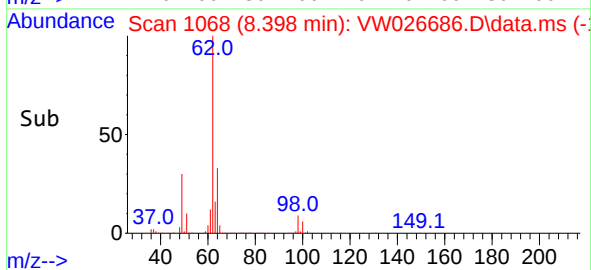
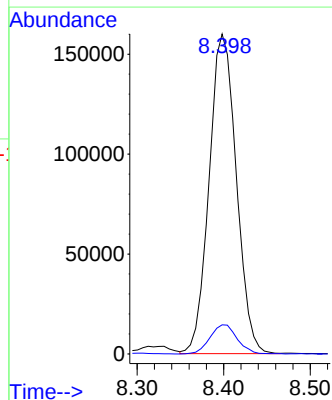
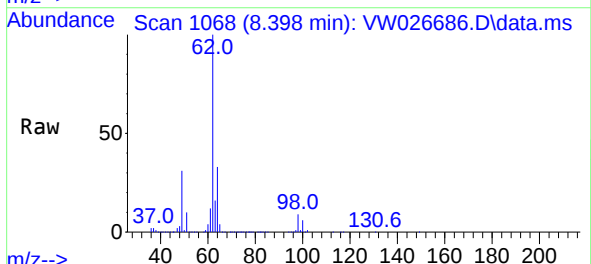
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

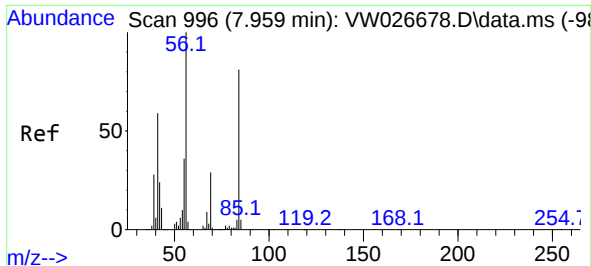
Tgt Ion: 83 Resp: 465642
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 20.856 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 62 Resp: 349042
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

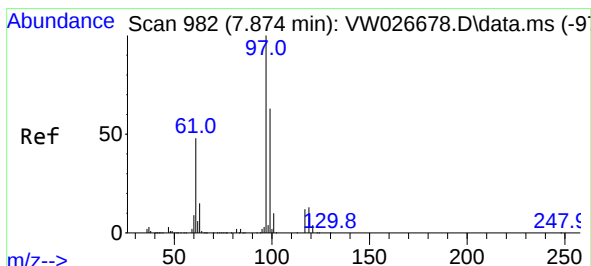
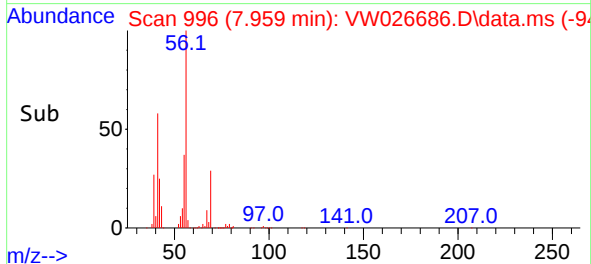
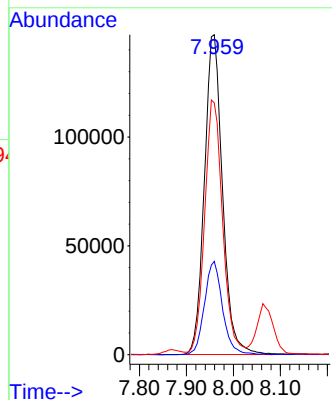
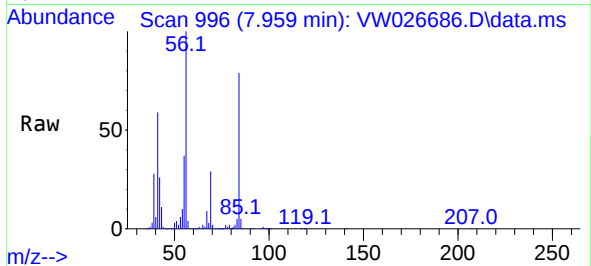




#29
Cyclohexane
Concen: 19.050 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

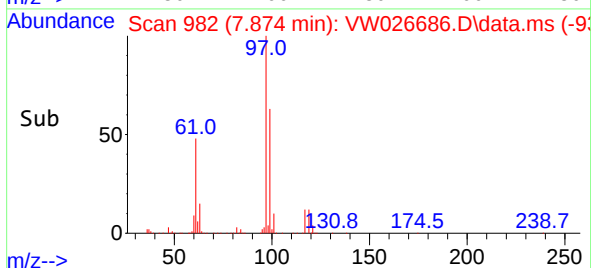
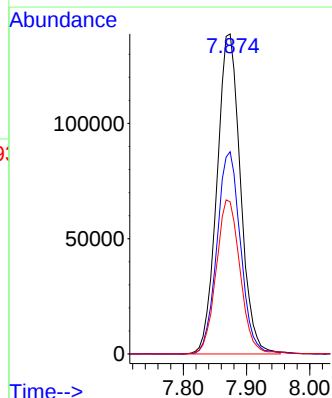
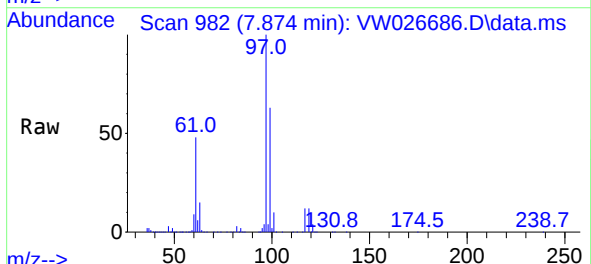
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

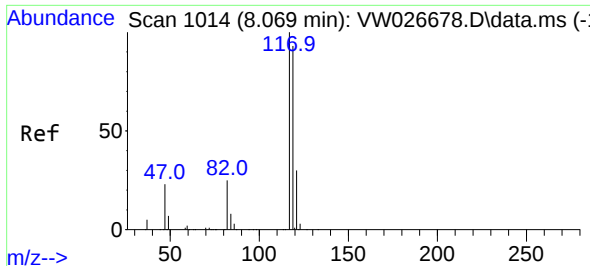
Tgt Ion: 56 Resp: 393785
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 79.0 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 20.528 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 97 Resp: 358099
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 48.7 39.2 58.8

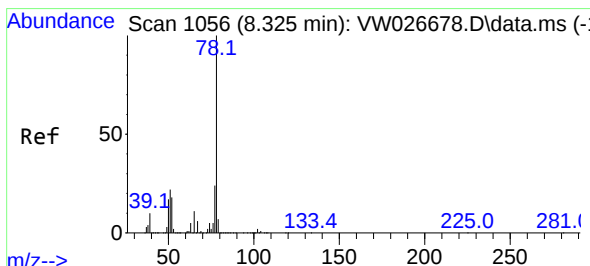
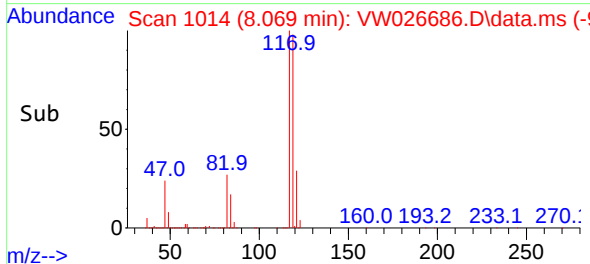
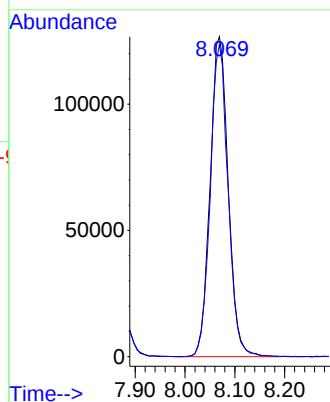
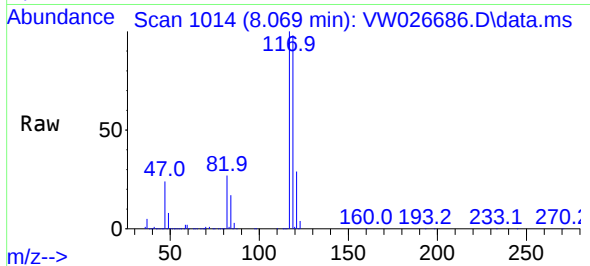




#31
Carbon tetrachloride
Concen: 20.088 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

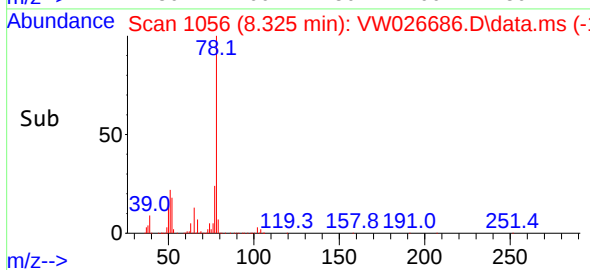
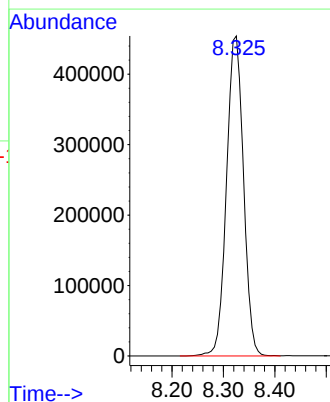
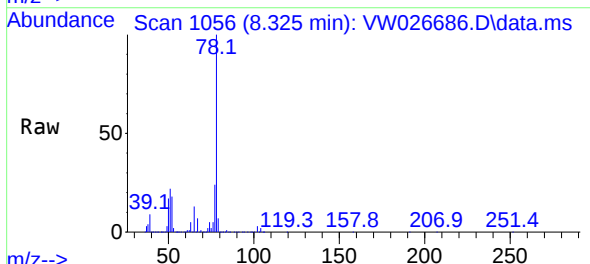
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

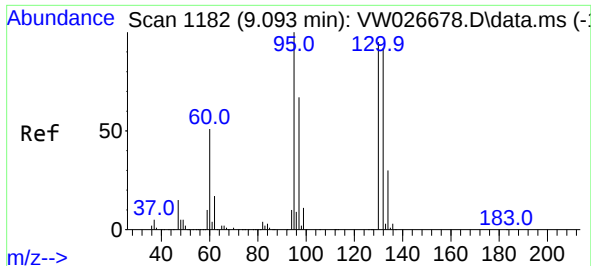
Tgt Ion:117 Resp: 320408
Ion Ratio Lower Upper
117 100
119 95.6 73.0 109.4



#33
Benzene
Concen: 21.420 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 78 Resp: 1042643



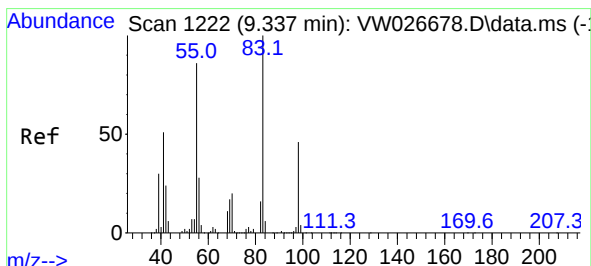
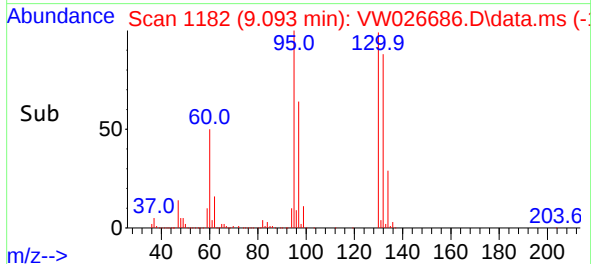
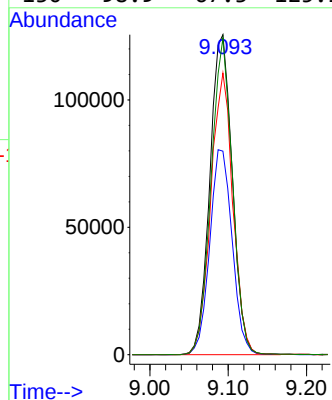
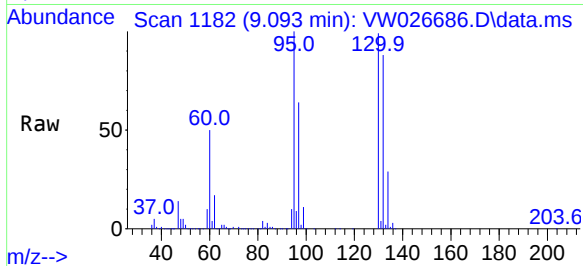


#34
Trichloroethene
Concen: 20.184 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

Tgt Ion: 95 Resp: 250233

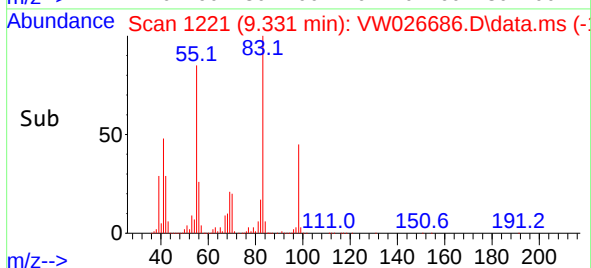
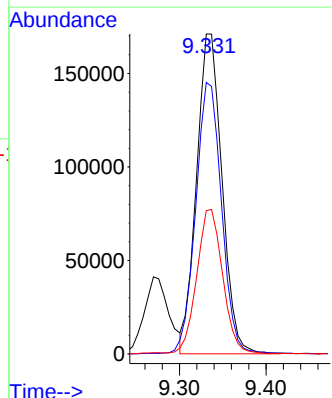
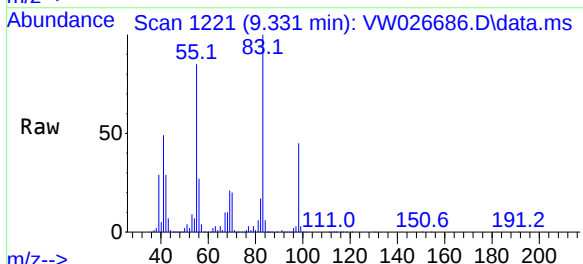
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.6	82.8
132	88.0	66.4	123.2
130	98.9	67.3	125.1

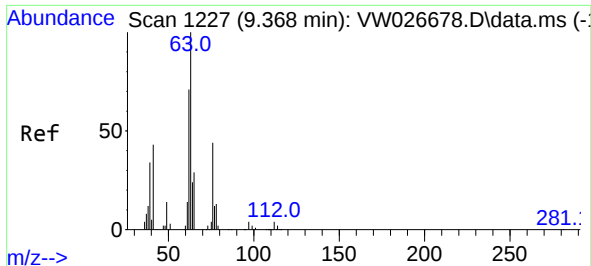


#35
Methylcyclohexane
Concen: 16.491 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 83 Resp: 349750

Ion	Ratio	Lower	Upper
83	100		
55	86.1	69.3	103.9
98	46.3	37.4	56.0





#37

1,2-Dichloropropane

Concen: 21.774 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

Instrument :

MSVOA_W

ClientSampleId :

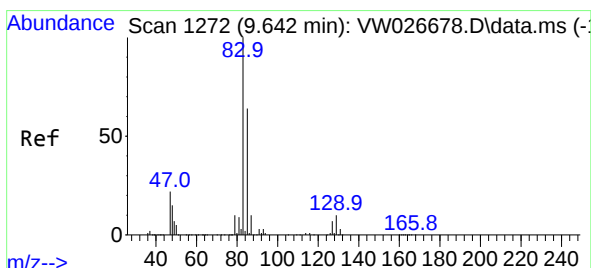
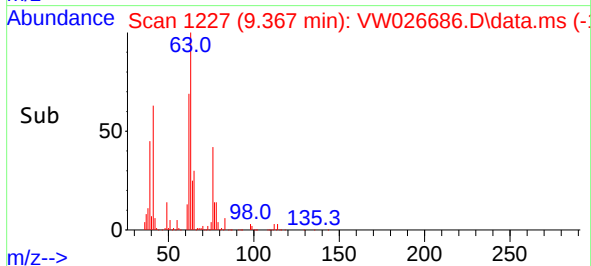
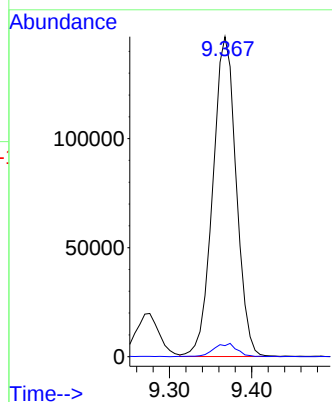
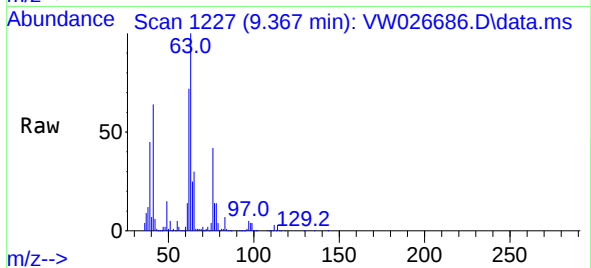
A48H4MSD

Tgt Ion: 63 Resp: 290307

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 21.329 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

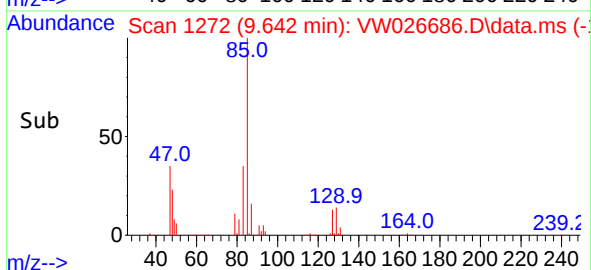
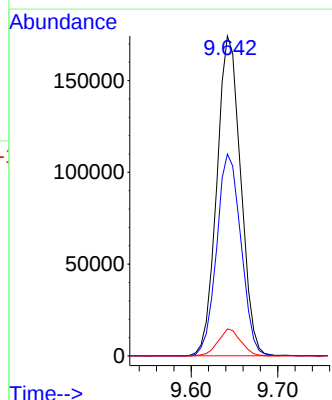
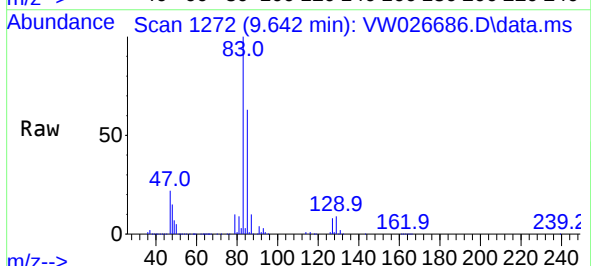
Tgt Ion: 83 Resp: 333600

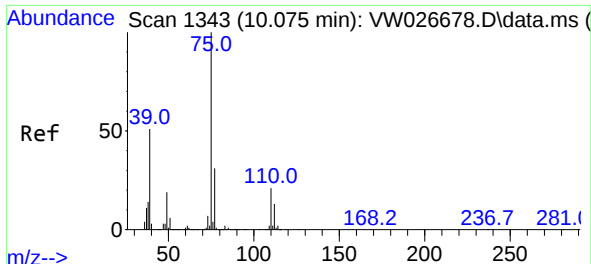
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.2

127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 18.547 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

Instrument :

MSVOA_W

ClientSampleId :

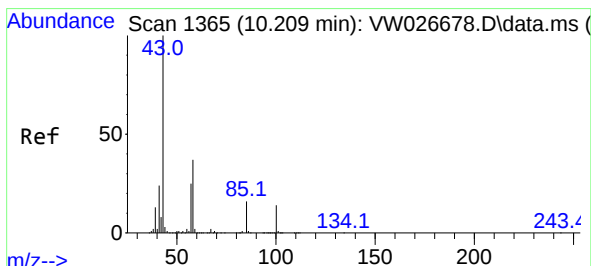
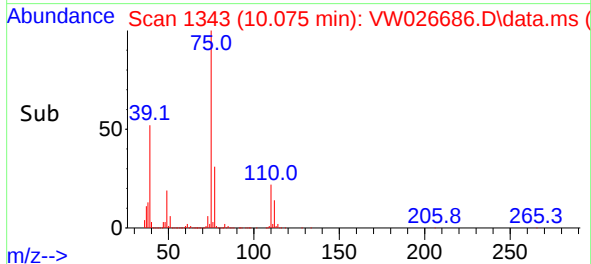
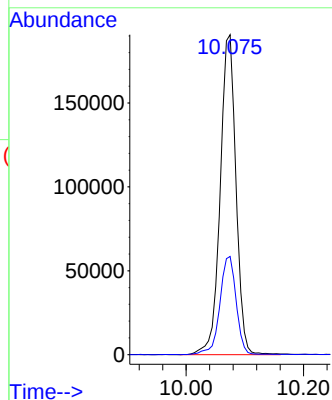
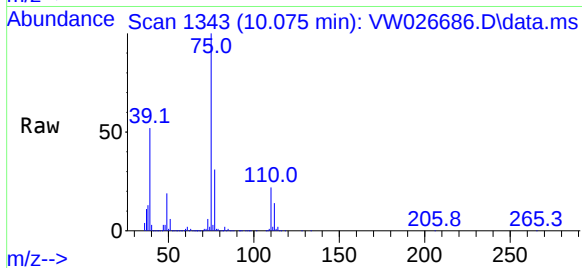
A48H4MSD

Tgt Ion: 75 Resp: 355748

Ion Ratio Lower Upper

75 100

77 30.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 44.000 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

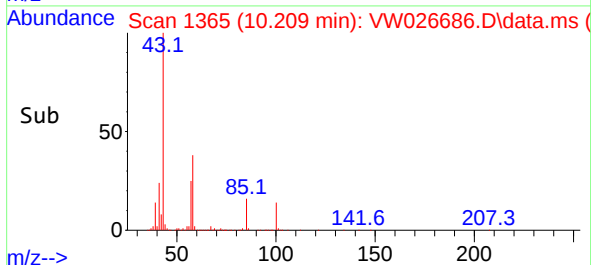
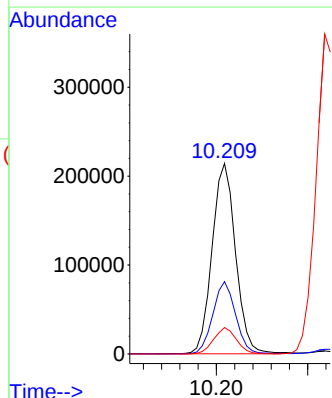
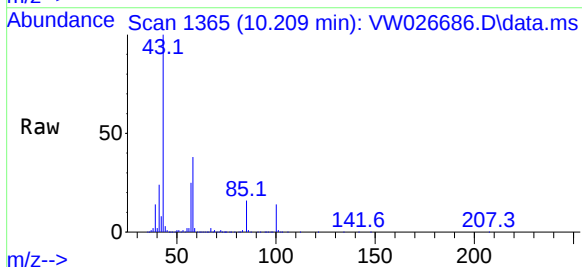
Tgt Ion: 43 Resp: 381601

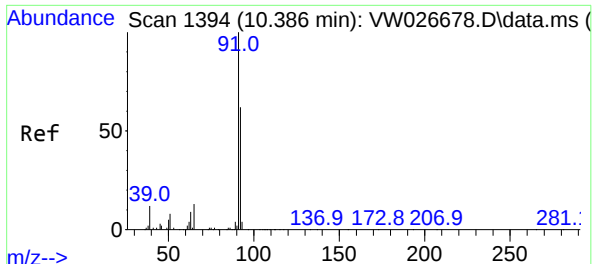
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 13.5 10.7 16.1

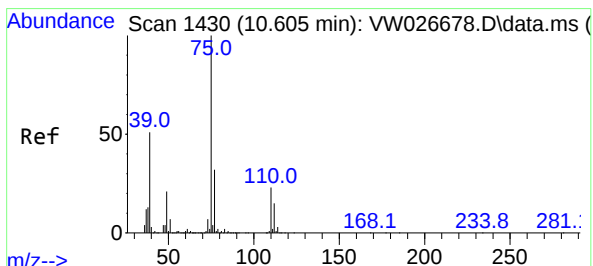
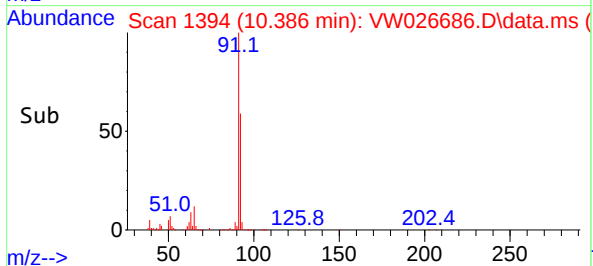
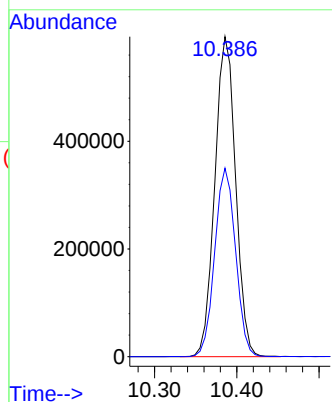
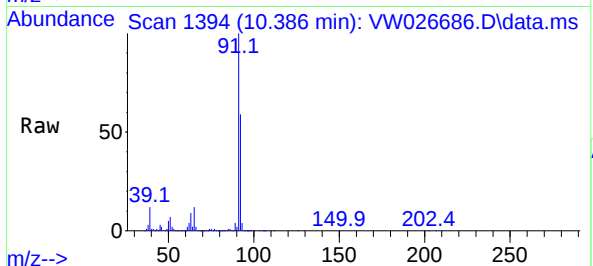




#42
Toluene
Concen: 21.179 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

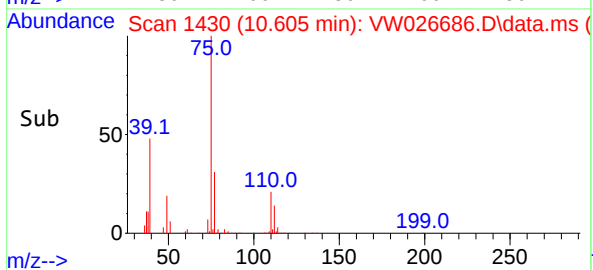
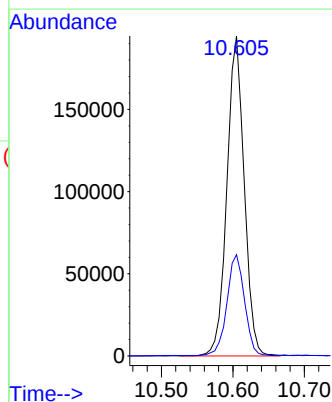
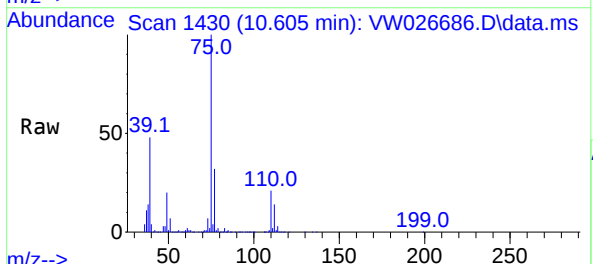
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

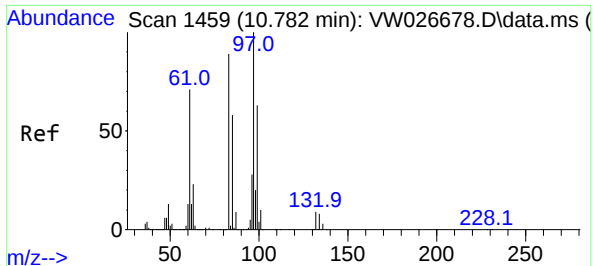
Tgt Ion: 91 Resp: 1042854
Ion Ratio Lower Upper
91 100
92 58.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 19.782 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 75 Resp: 326591
Ion Ratio Lower Upper
75 100
77 31.6 21.2 39.4



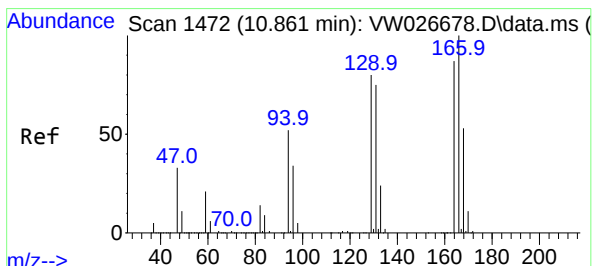
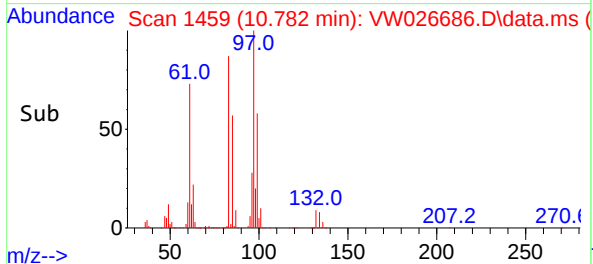
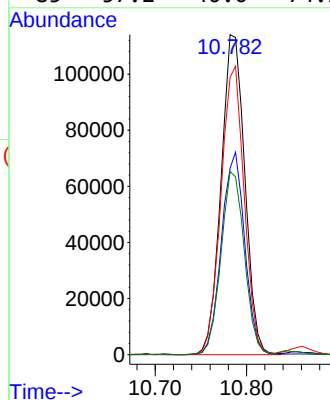
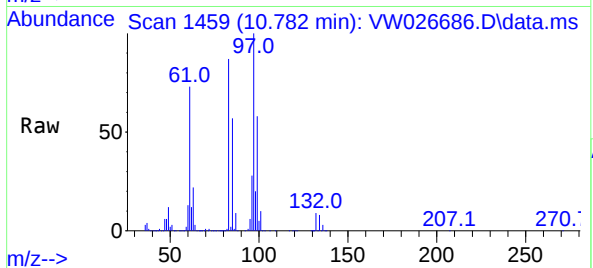


#45
1,1,2-Trichloroethane
Concen: 22.601 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

Tgt Ion: 97 Resp: 206084

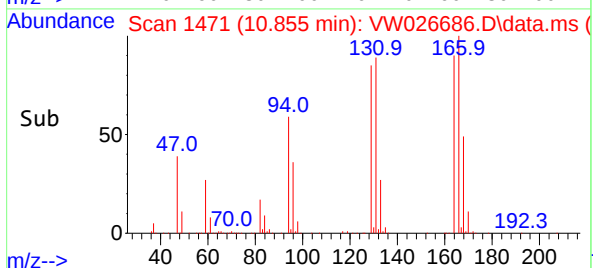
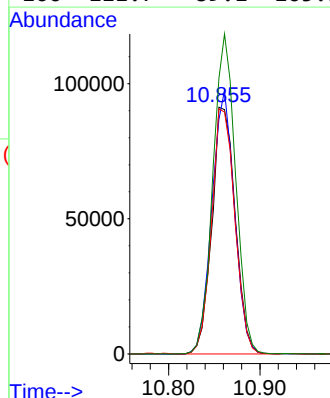
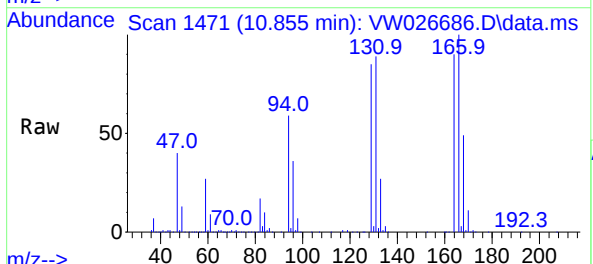
Ion	Ratio	Lower	Upper
97	100		
99	58.3	44.2	82.0
83	86.7	61.9	114.9
85	57.2	40.0	74.2

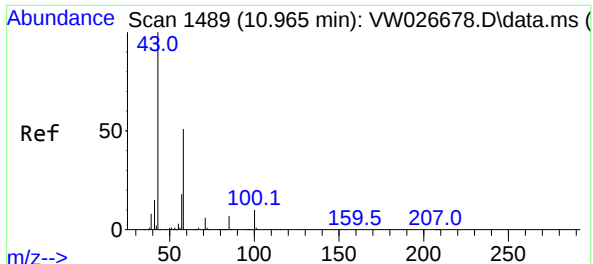


#46
Tetrachloroethene
Concen: 17.963 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 164 Resp: 161785

Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.1	126.5
131	99.4	65.5	121.7
166	111.7	89.1	165.5





#48

2-Hexanone

Concen: 38.953 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

Instrument :

MSVOA_W

ClientSampleId :

A48H4MSD

Tgt Ion: 43 Resp: 229874

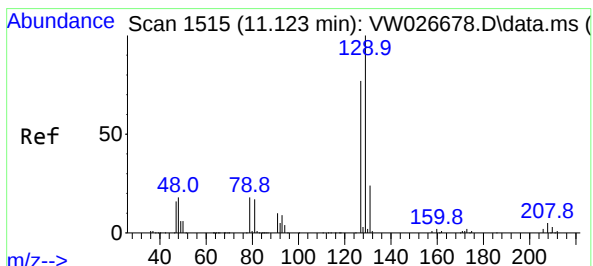
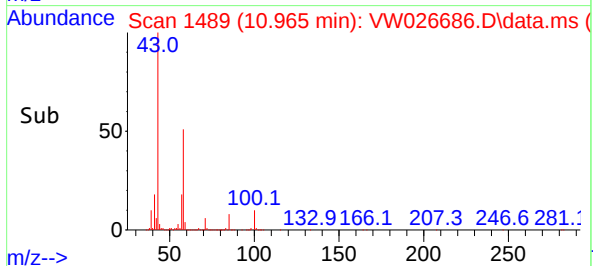
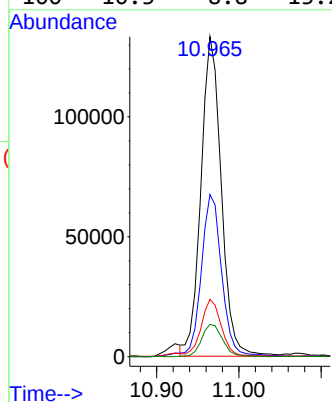
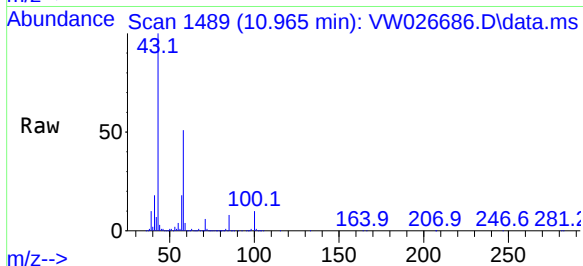
Ion Ratio Lower Upper

43 100

58 50.2 41.1 61.7

57 17.8 14.3 21.5

100 10.3 8.8 13.2



#49

Dibromochloromethane

Concen: 22.252 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW026686.D

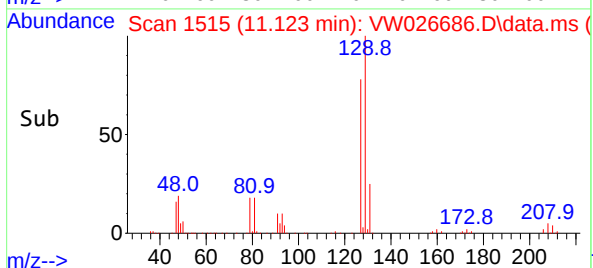
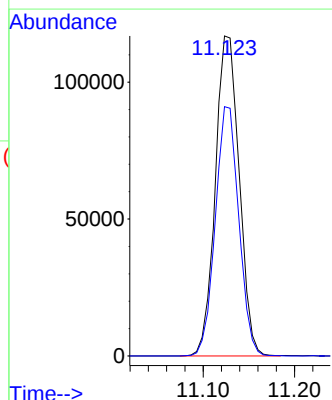
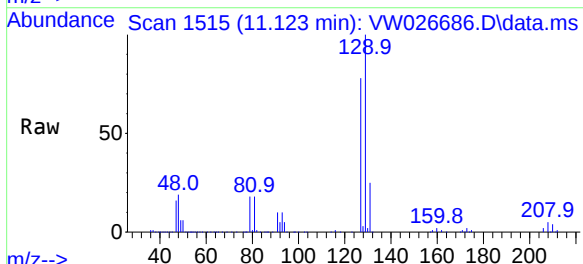
Acq: 10 Aug 2023 18:55

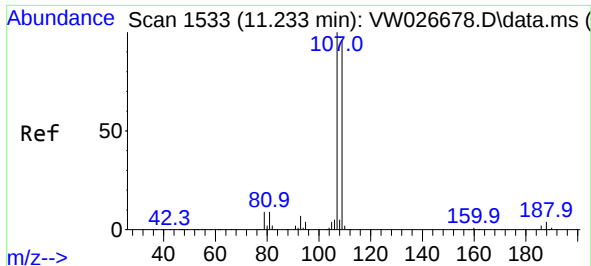
Tgt Ion:129 Resp: 212214

Ion Ratio Lower Upper

129 100

127 77.9 56.6 105.2

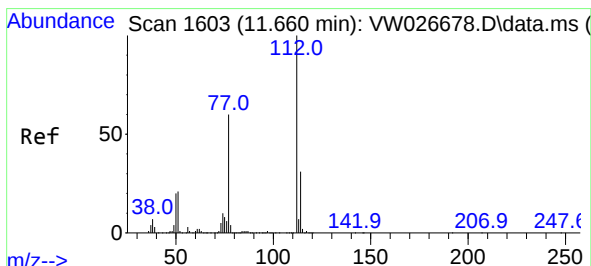
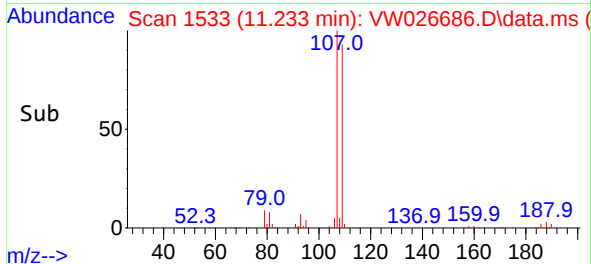
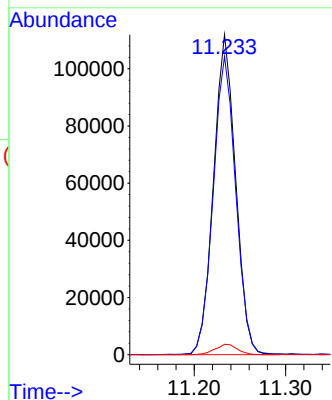
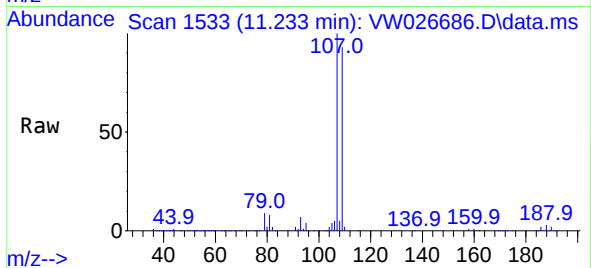




#50
1,2-Dibromoethane
Concen: 21.909 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

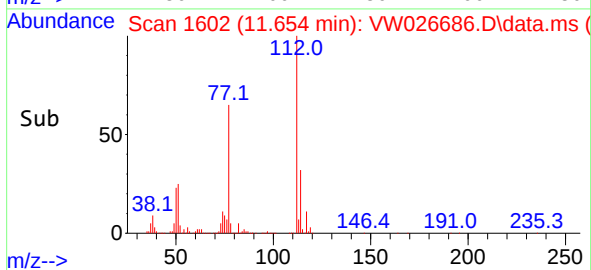
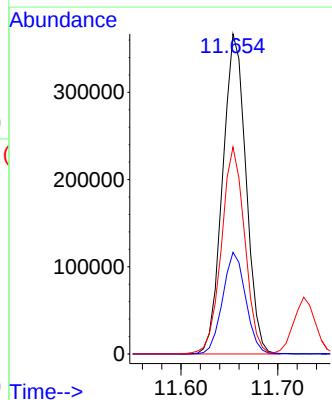
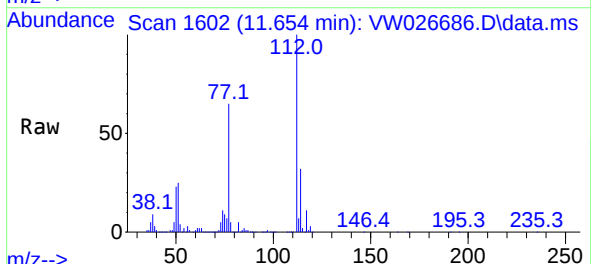
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

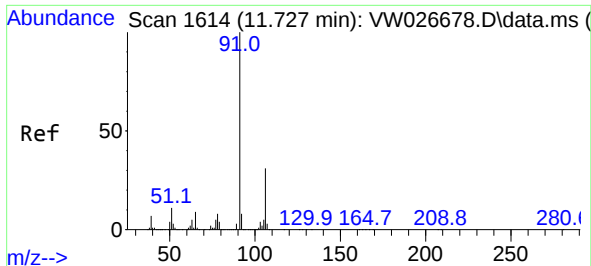
Tgt Ion:107 Resp: 187449
Ion Ratio Lower Upper
107 100
109 93.2 68.8 127.8
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 19.785 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:112 Resp: 615395
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 64.6 50.2 75.2

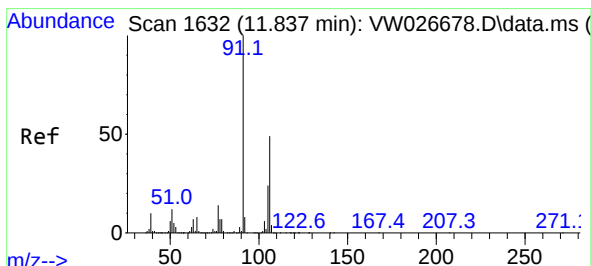
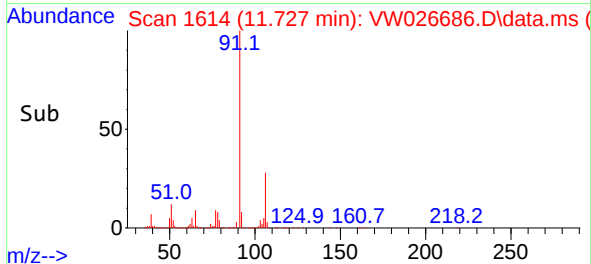
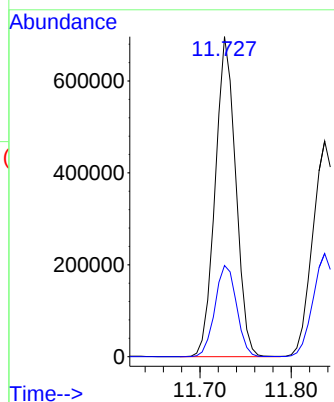
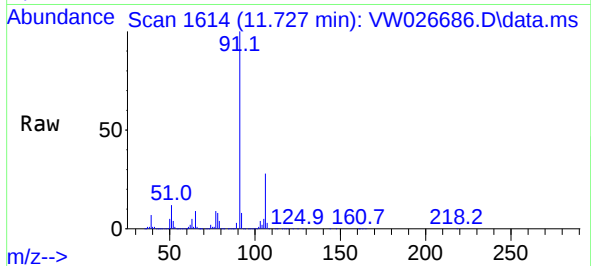




#52
Ethylbenzene
Concen: 19.609 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

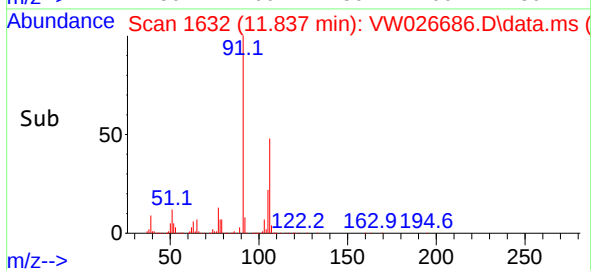
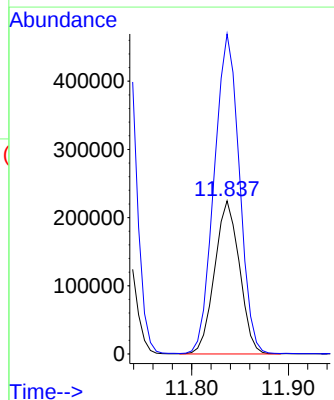
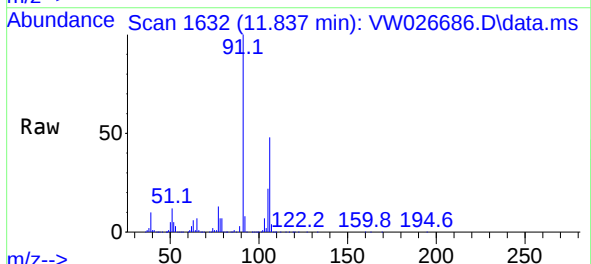
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

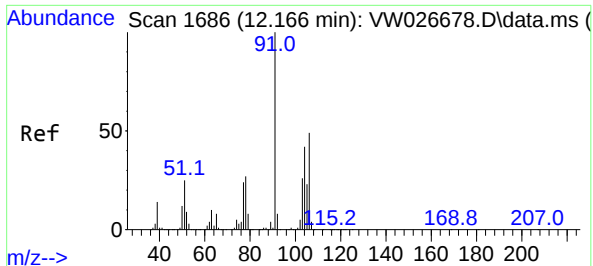
Tgt Ion: 91 Resp: 1082812
Ion Ratio Lower Upper
91 100
106 28.5 20.2 37.6



#53
m,p-Xylene
Concen: 19.580 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:106 Resp: 400543
Ion Ratio Lower Upper
106 100
91 208.9 152.9 284.1

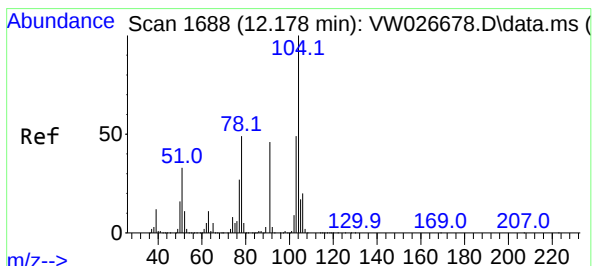
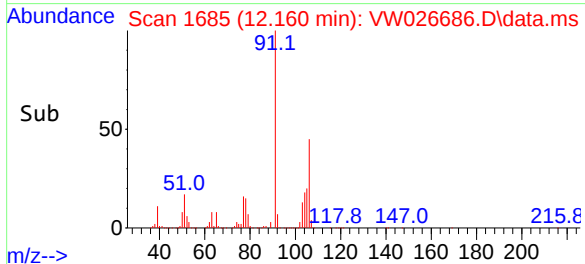
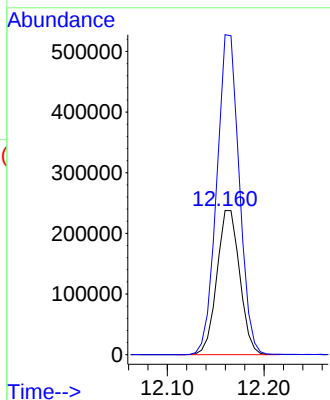
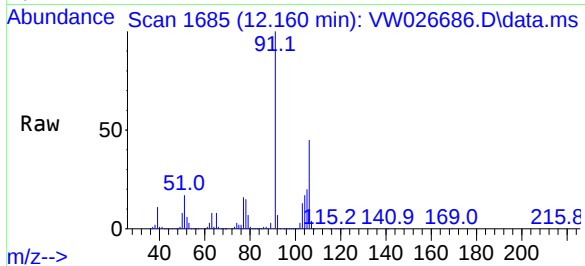




#54
o-Xylene
Concen: 20.424 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

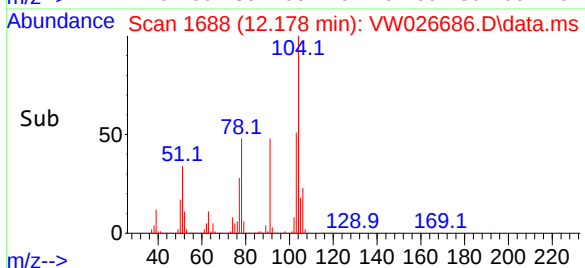
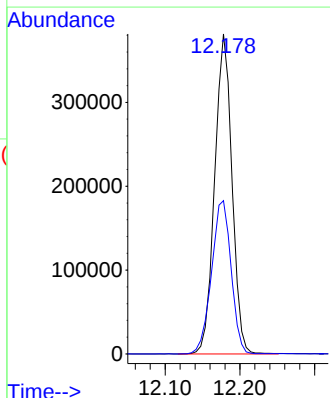
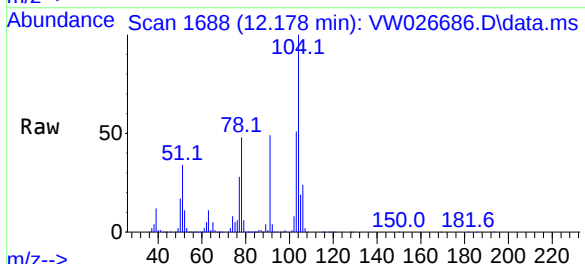
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

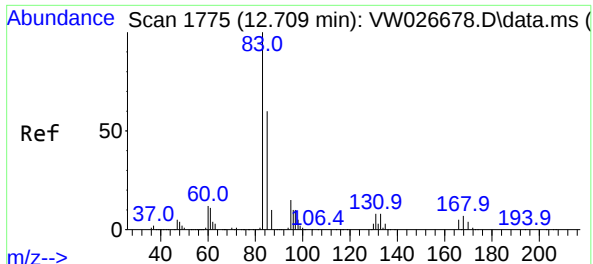
Tgt Ion:106 Resp: 389934
Ion Ratio Lower Upper
106 100
91 222.1 149.9 278.3



#55
Styrene
Concen: 18.490 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:104 Resp: 613812
Ion Ratio Lower Upper
104 100
78 47.9 33.0 61.2



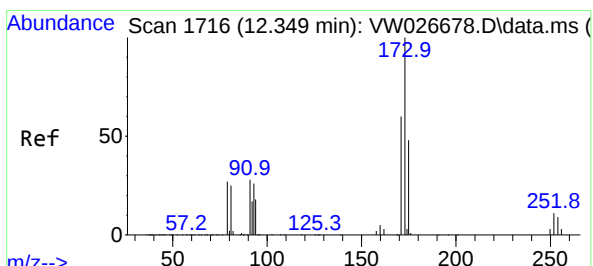
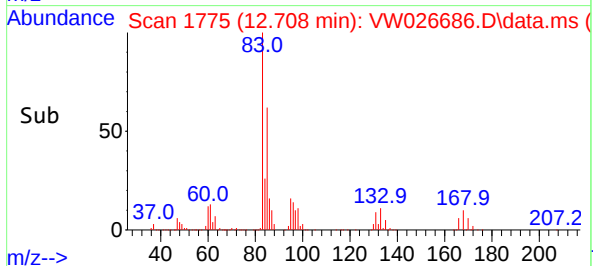
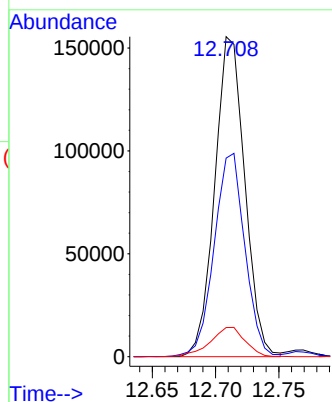
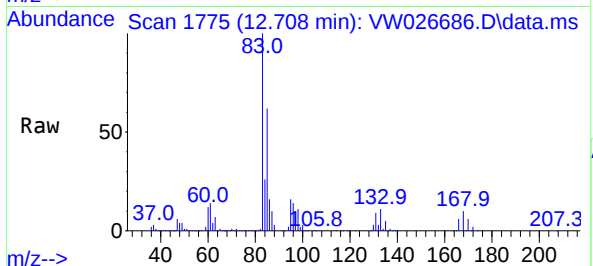


#57
1,1,2,2-Tetrachloroethane
Concen: 22.236 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

Tgt Ion: 83 Resp: 256787

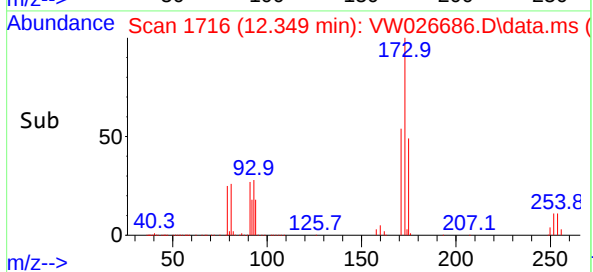
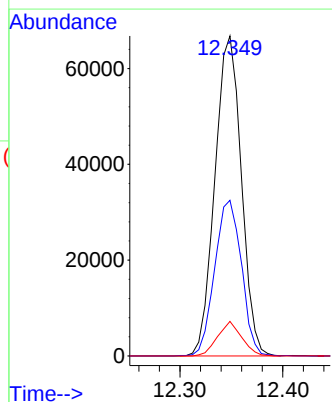
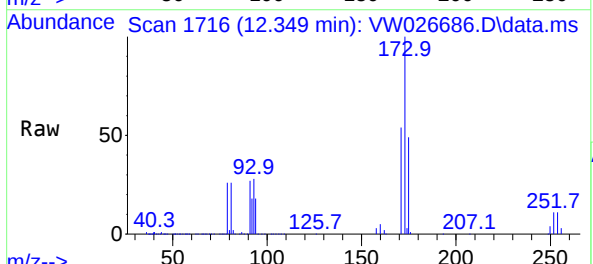
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.9	83.3
131	9.1	7.4	11.0

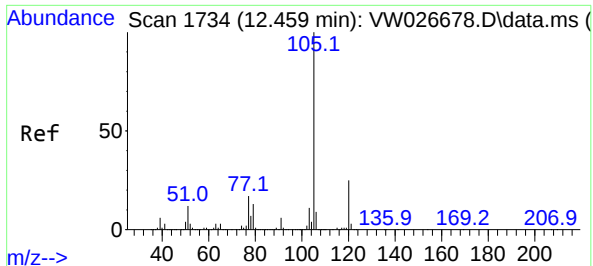


#59
Bromoform
Concen: 24.914 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion: 173 Resp: 119229

Ion	Ratio	Lower	Upper
173	100		
175	49.3	36.6	55.0
254	9.9	7.8	11.6

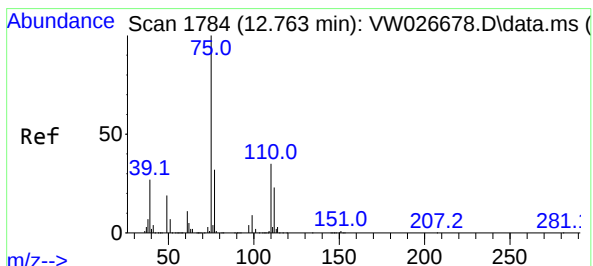
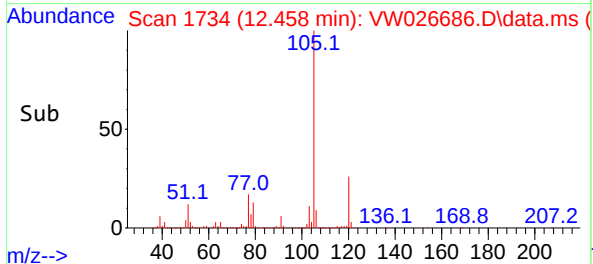
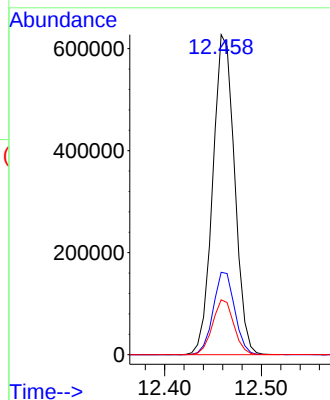
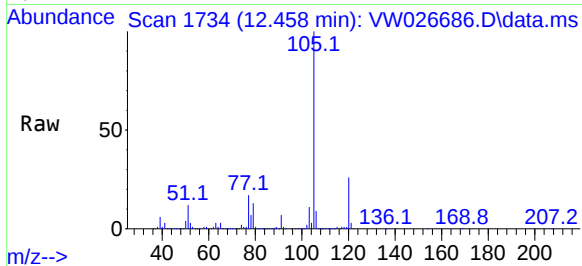




#60
Isopropylbenzene
Concen: 21.613 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

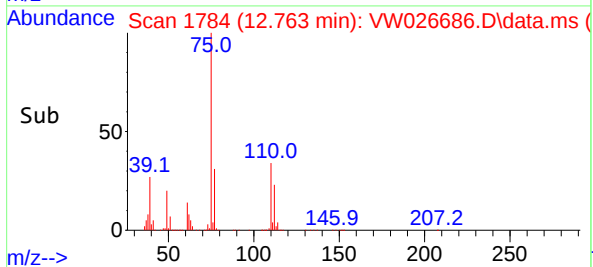
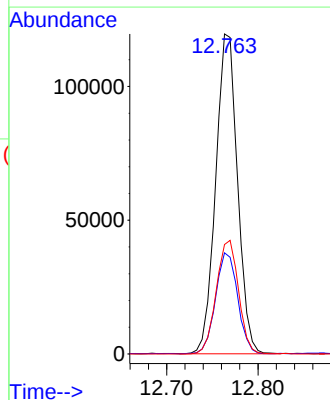
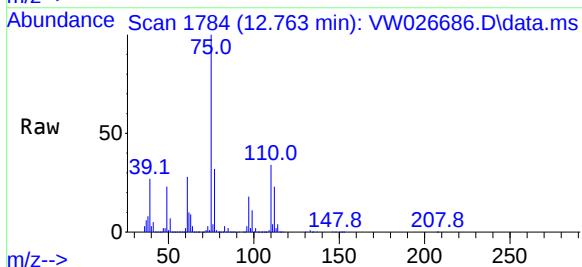
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

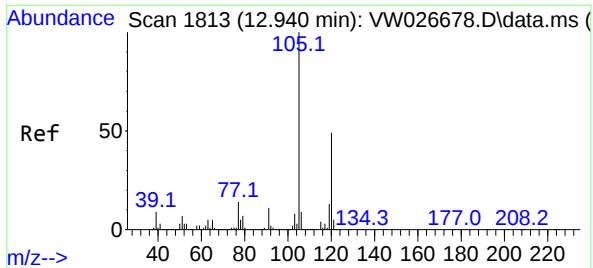
Tgt Ion:	105	Resp:	981654
Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.0	31.6
77	16.7	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 26.770 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:	75	Resp:	198376
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.1	39.1
110	36.2	29.9	44.9

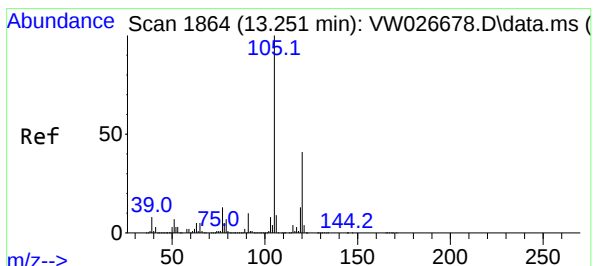
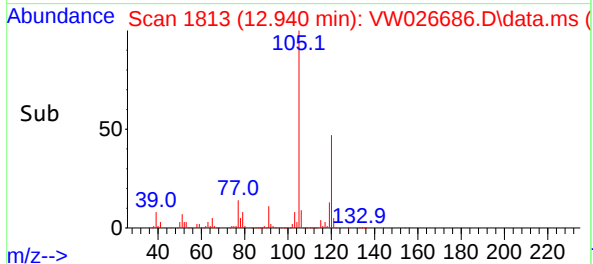
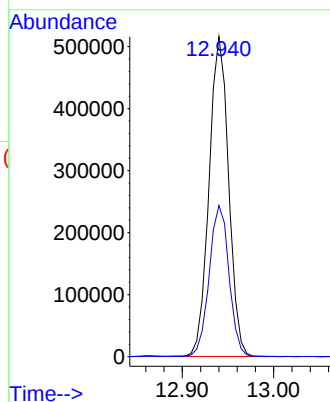
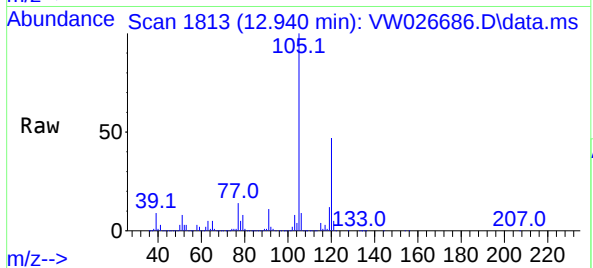




#62
1,3,5-Trimethylbenzene
Concen: 21.322 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

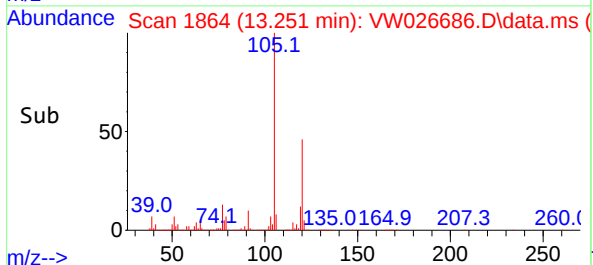
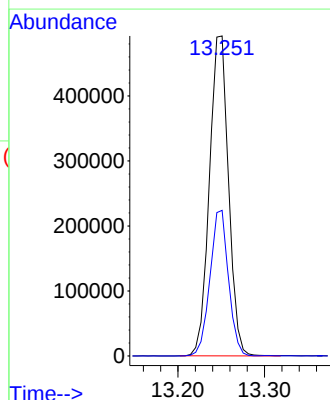
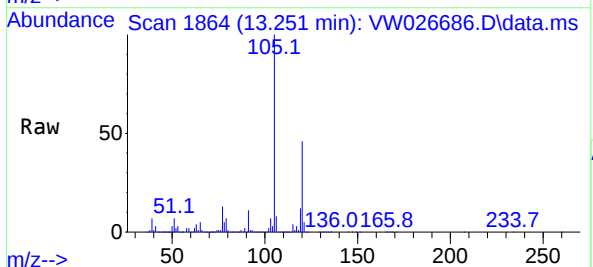
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

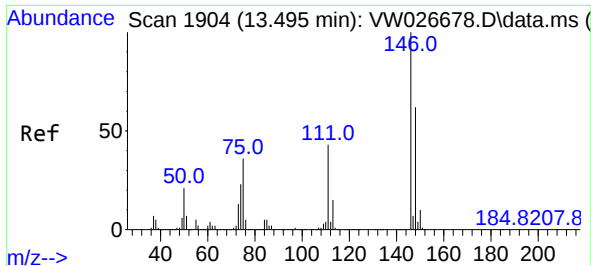
Tgt Ion:105 Resp: 765474
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 21.438 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:105 Resp: 754185
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.4

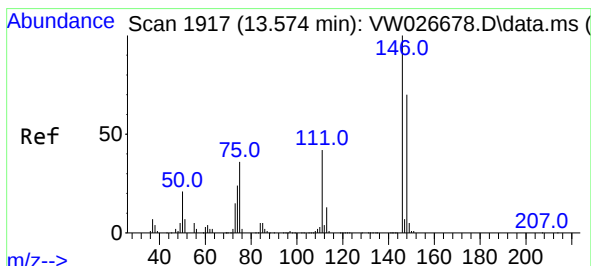
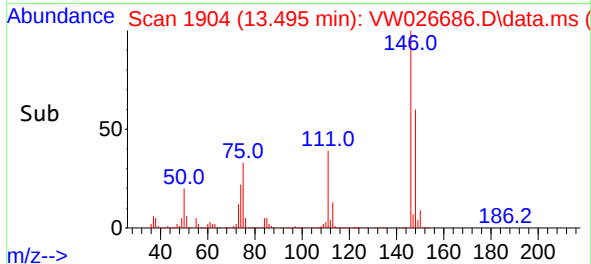
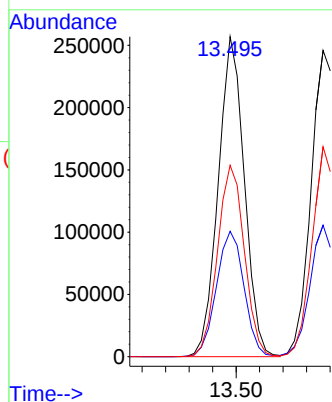
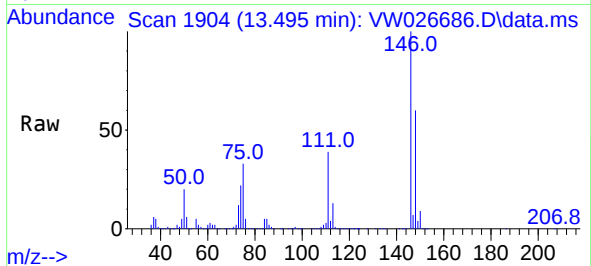




#64
1,3-Dichlorobenzene
Concen: 20.109 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

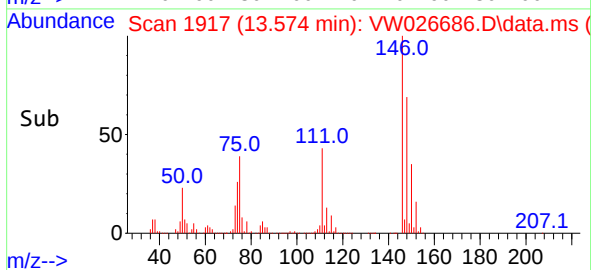
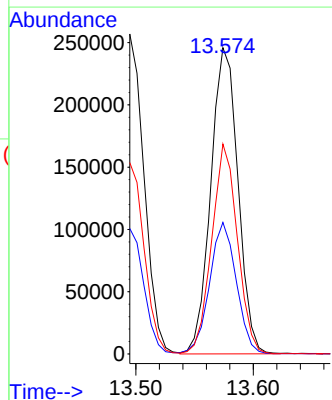
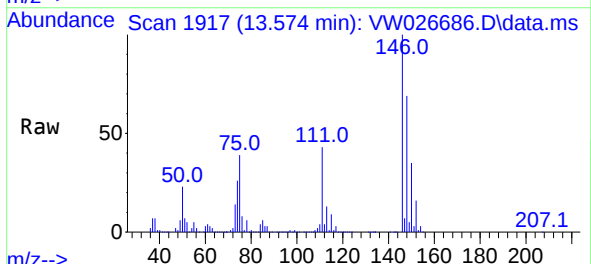
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

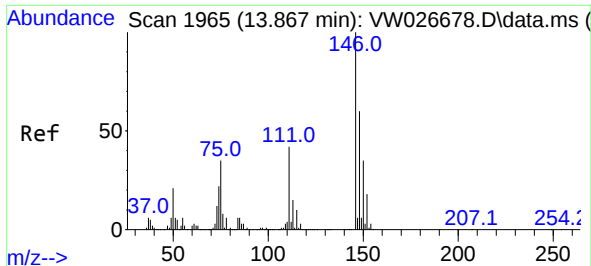
Tgt Ion:146 Resp: 397225
Ion Ratio Lower Upper
146 100
111 39.2 29.1 54.1
148 59.8 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 19.179 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:146 Resp: 395367
Ion Ratio Lower Upper
146 100
111 42.9 28.3 52.7
148 68.6 44.2 82.2

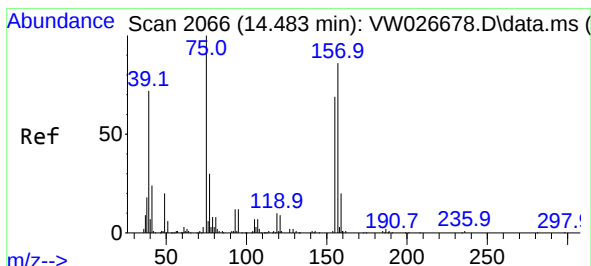
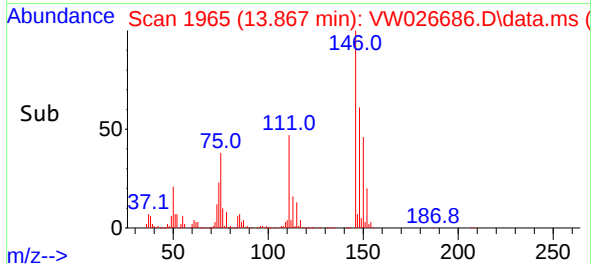
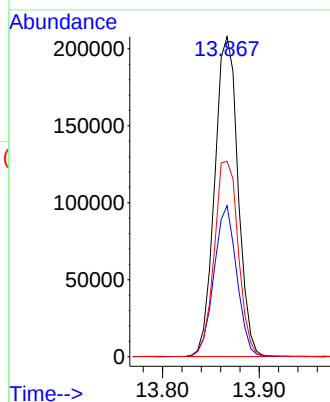
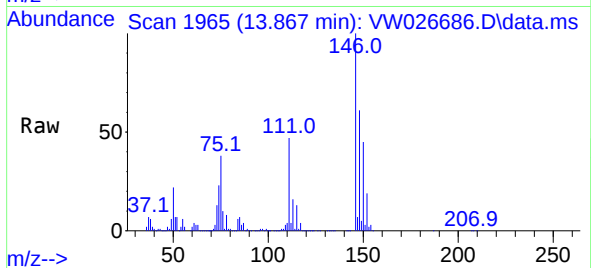




#67
1,2-Dichlorobenzene
Concen: 19.311 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

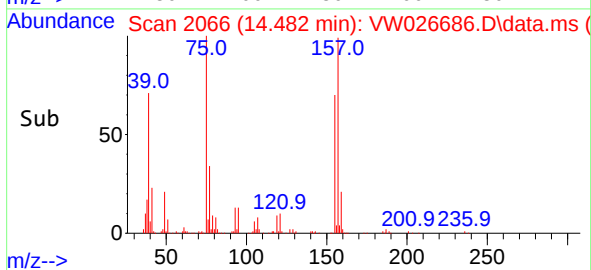
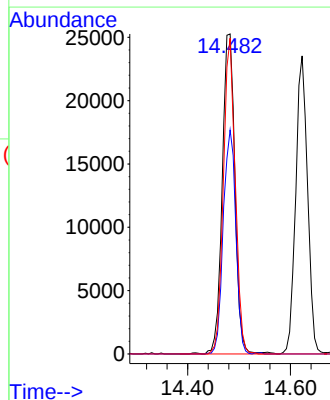
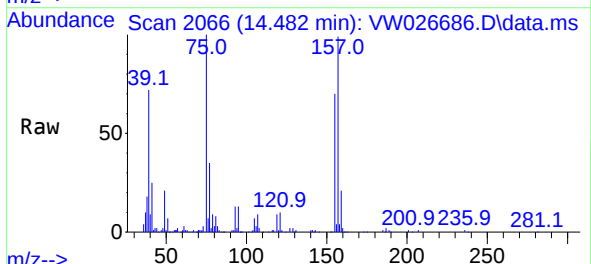
Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

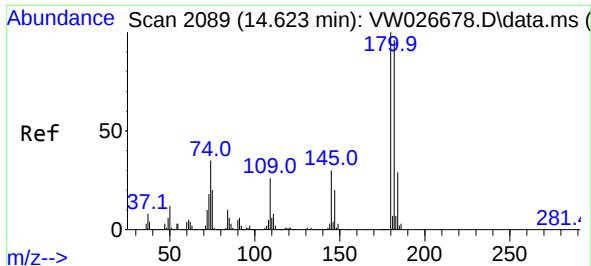
Tgt Ion:	146	Resp:	346878
Ion Ratio	Lower	Upper	
146	100		
111	47.2	34.6	52.0
148	61.0	53.4	80.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.160 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:	75	Resp:	43162
Ion Ratio	Lower	Upper	
75	100		
155	70.0	55.0	82.6
157	98.7	77.8	116.6





#69

1,3,5-Trichlorobenzene

Concen: 13.695 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

Instrument :

MSVOA_W

ClientSampleId :

A48H4MSD

Tgt Ion:180 Resp: 182762

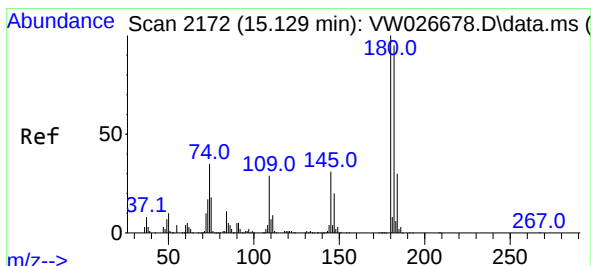
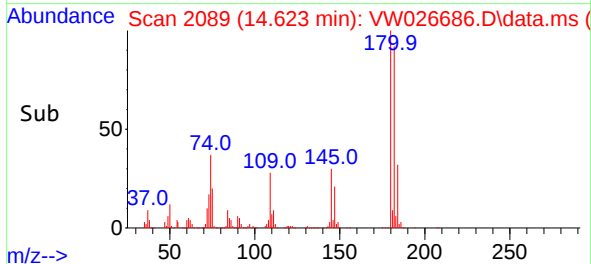
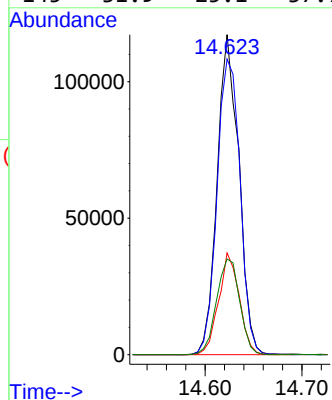
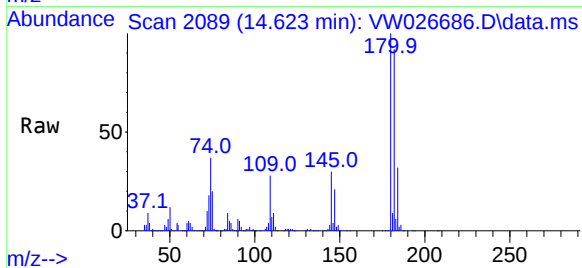
Ion Ratio Lower Upper

180 100

182 98.0 75.2 112.8

184 30.2 23.8 35.8

145 31.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 12.508 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026686.D

Acq: 10 Aug 2023 18:55

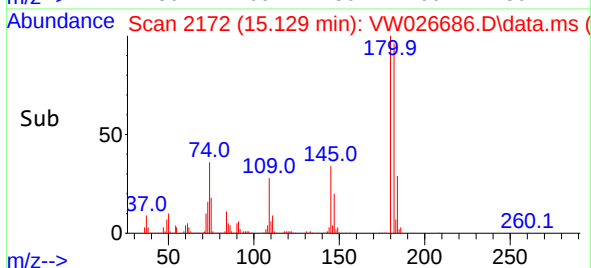
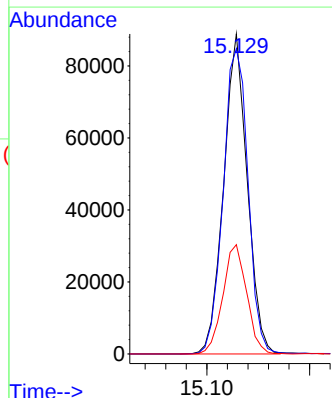
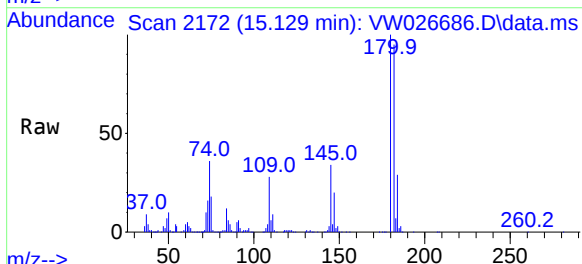
Tgt Ion:180 Resp: 141523

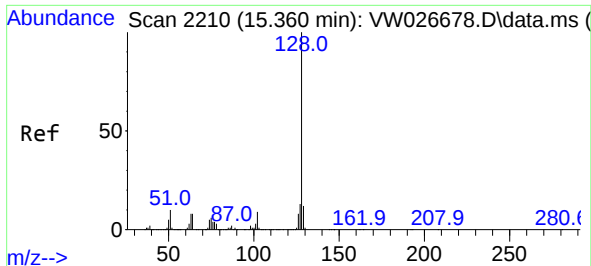
Ion Ratio Lower Upper

180 100

182 100.5 72.5 108.7

145 34.6 24.7 37.1



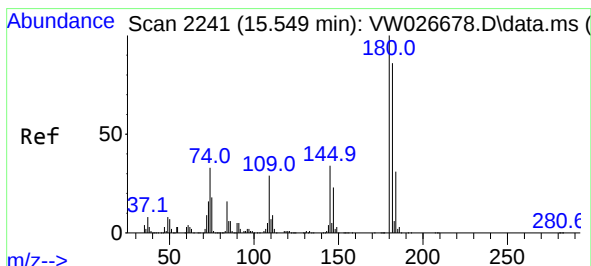
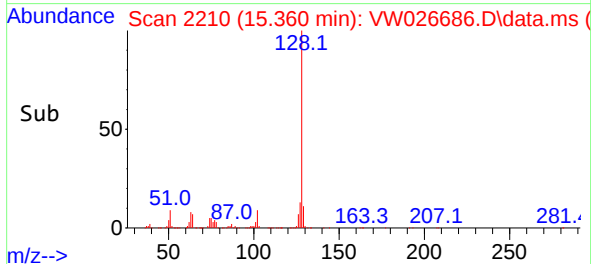
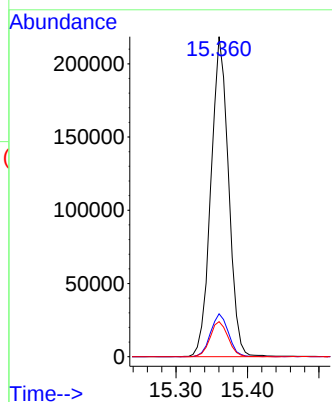
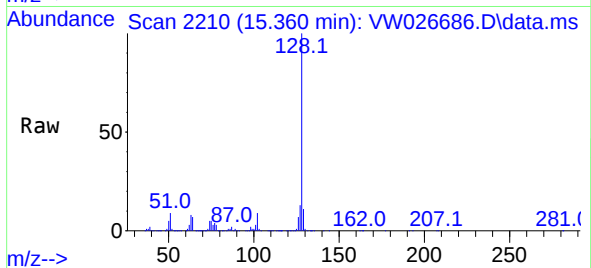


#71
Naphthalene
Concen: 17.313 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Instrument :
MSVOA_W
ClientSampleId :
A48H4MSD

Tgt Ion:128 Resp: 373683

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.2	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 12.765 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026686.D
Acq: 10 Aug 2023 18:55

Tgt Ion:180 Resp: 130271

Ion	Ratio	Lower	Upper
180	100		
182	89.8	74.6	112.0
145	33.3	27.0	40.6

