

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024070.D
 Acq On : 25 Jul 2022 16:06
 Operator : SY/VA
 Sample : N3823-09MSD
 Misc : 7.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MSD

Quant Time: Jul 26 01:32:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	271485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	161893	29.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.960%	
7) Chloroethane-d5	2.873	69	103712	27.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.920%	
11) 1,1-Dichloroethene-d2	4.007	63	123981	25.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.720%	
21) 2-Butanone-d5	7.080	46	59049	60.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.040%	
24) Chloroform-d	7.647	84	172771	24.333	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.320%	
26) 1,2-Dichloroethane-d4	8.305	65	104280	25.564	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.240%	
32) Benzene-d6	8.269	84	337132	26.733	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.920%	
36) 1,2-Dichloropropane-d6	9.275	67	100220	25.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.760%	
41) Toluene-d8	10.323	98	337904	26.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.160%	
43) trans-1,3-Dichloroprop...	10.579	79	47205	26.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.040%	
47) 2-Hexanone-d5	10.921	63	54428	65.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.900%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123098	26.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	129883	26.202	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	43837	22.983	ug/L	93
3) Chloromethane	2.209	50	114841	23.191	ug/L	94
5) Vinyl chloride	2.349	62	176695	22.893	ug/L	99
6) Bromomethane	2.764	94	96250	22.573	ug/L	94
8) Chloroethane	2.910	64	81392	23.972	ug/L	93
9) Trichlorofluoromethane	3.245	101	83197	23.155	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	71026	21.344	ug/L #	76
12) 1,1-Dichloroethene	4.025	96	56688	20.783	ug/L	91
13) Acetone	4.123	43	41021	58.756	ug/L	97
14) Carbon disulfide	4.373	76	181800	21.701	ug/L #	94
15) Methyl Acetate	4.672	43	41725	24.775	ug/L	95
16) Methylene chloride	4.909	84	88362	22.479	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	75229	22.542	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	117258	23.704	ug/L	99
19) 1,1-Dichloroethane	6.214	63	133859	21.235	ug/L	98
22) 2-Butanone	7.171	43	63951	57.069	ug/L	98
23) Bromochloromethane	7.507	128	40335	21.388	ug/L	94
25) Chloroform	7.671	83	155699	21.346	ug/L	96
27) 1,2-Dichloroethane	8.397	62	116944	22.511	ug/L	99

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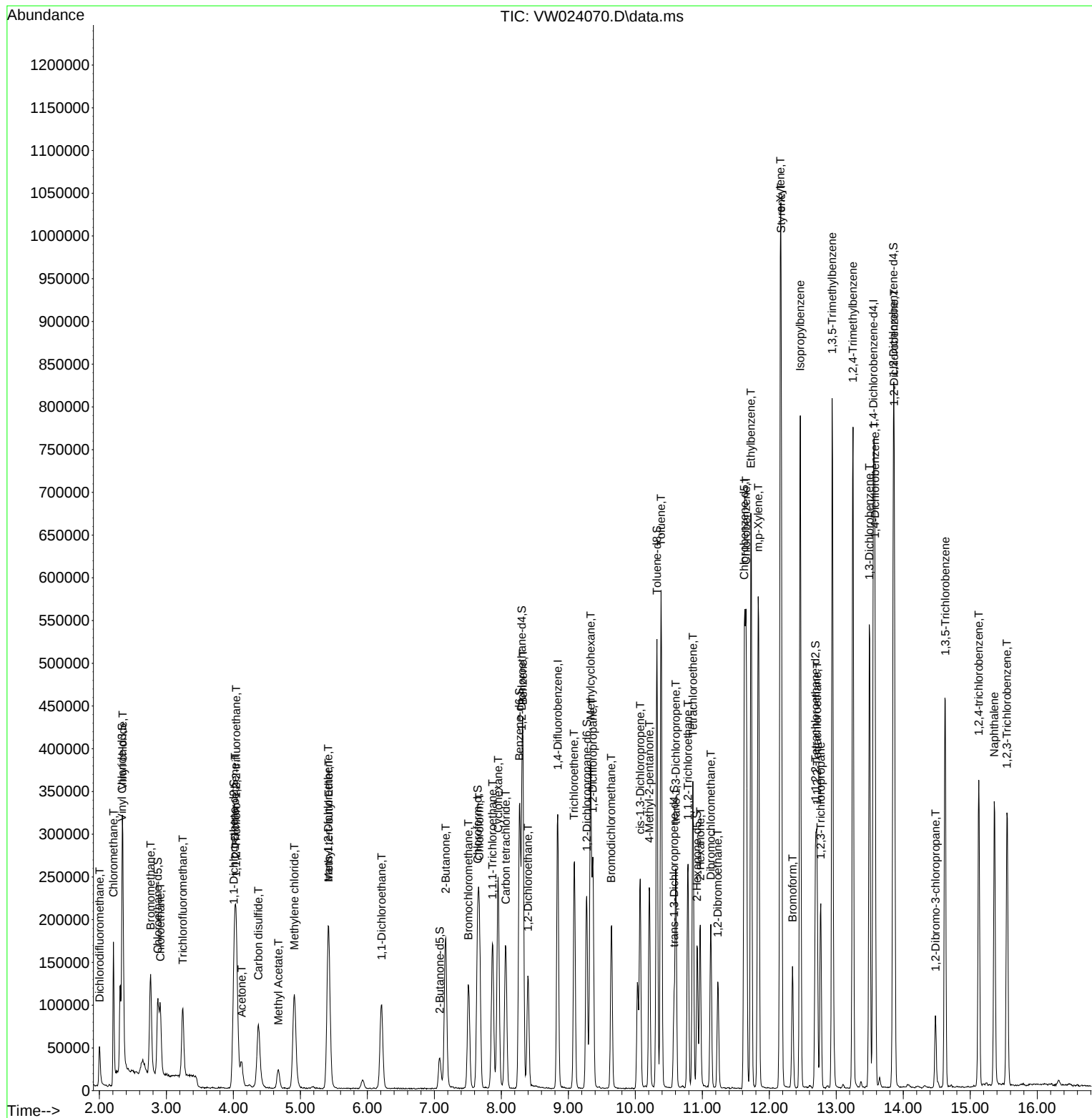
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	116177	23.226	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	131218	21.623	ug/L	99
31) Carbon tetrachloride	8.067	117	119547	21.371	ug/L	96
33) Benzene	8.323	78	347420	22.152	ug/L	100
34) Trichloroethene	9.086	95	89190	21.476	ug/L	95
35) Methylcyclohexane	9.335	83	141497	22.426	ug/L	96
37) 1,2-Dichloropropane	9.366	63	87751	22.131	ug/L	100
38) Bromodichloromethane	9.640	83	122696	21.704	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	134464	23.277	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	147821	53.576	ug/L	100
42) Toluene	10.384	91	411689	23.207	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	131985	24.126	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	78904	22.779	ug/L	93
46) Tetrachloroethene	10.860	164	71033	21.853	ug/L	94
48) 2-Hexanone	10.969	43	115131	57.581	ug/L	96
49) Dibromochloromethane	11.128	129	93886	23.197	ug/L	100
50) 1,2-Dibromoethane	11.232	107	79619	23.477	ug/L #	98
51) Chlorobenzene	11.652	112	264316	22.139	ug/L	97
52) Ethylbenzene	11.725	91	465069	23.788	ug/L	97
53) m,p-Xylene	11.835	106	182608	24.064	ug/L	100
54) o-Xylene	12.164	106	175712	24.213	ug/L	99
55) Styrene	12.176	104	317872	24.451	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	115571	24.074	ug/L	98
59) Bromoform	12.347	173	55978	23.661	ug/L	97
60) Isopropylbenzene	12.463	105	484651	24.999	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83798	24.358	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	394885	25.318	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	401128	25.410	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	206101	22.227	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	215331	21.876	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	204230	23.547	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	19647	25.558	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	132647	22.433	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	103606	23.125	ug/L	97
71) Naphthalene	15.359	128	272463	28.420	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	101773	24.149	ug/L	96

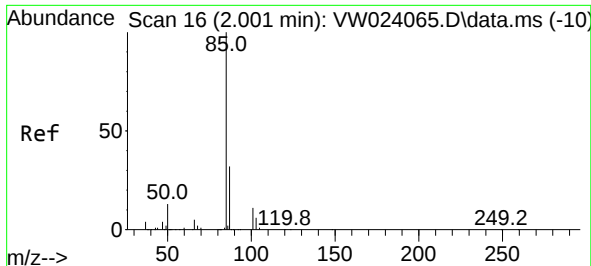
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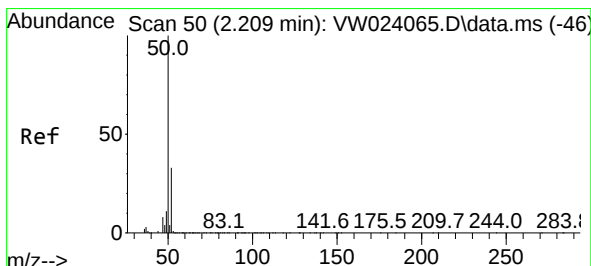
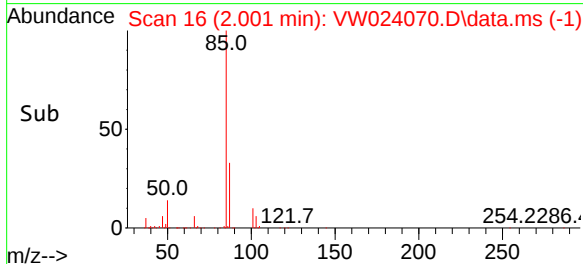
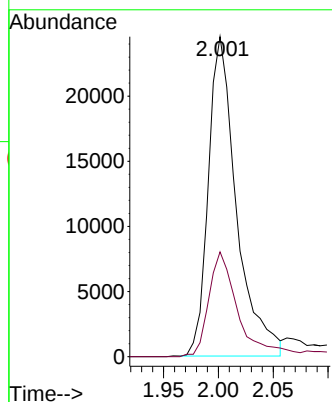
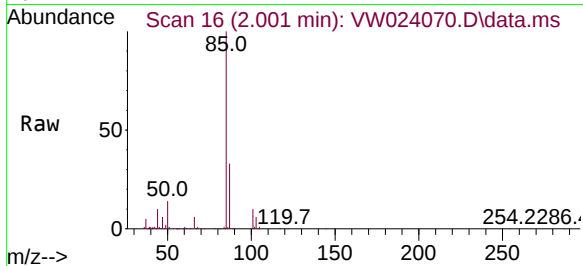




#2
 Dichlorodifluoromethane
 Concen: 22.983 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

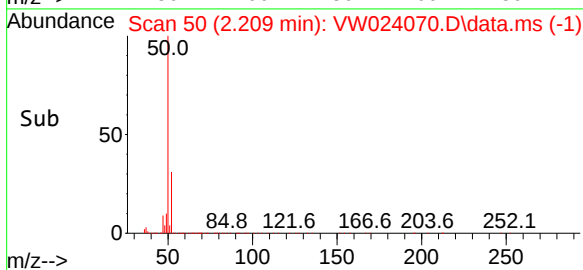
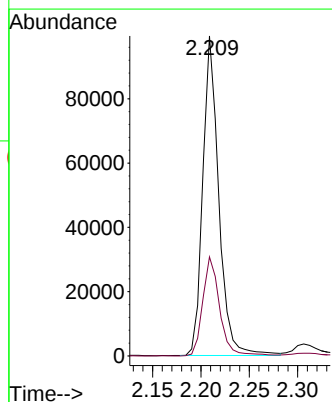
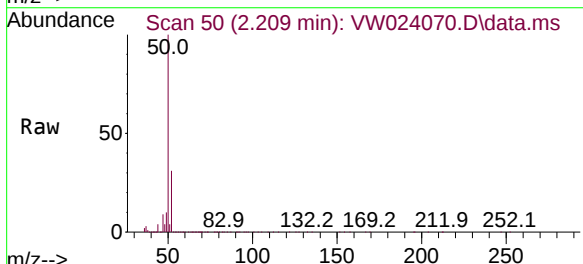
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 ClientSampleId :
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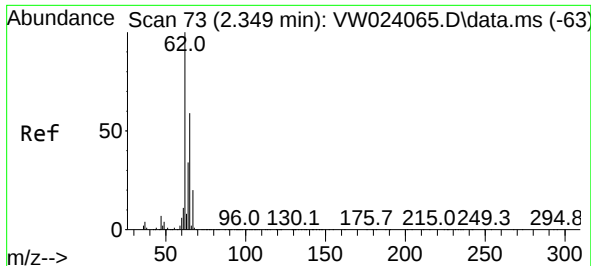
Tgt Ion: 85 Resp: 43837
 Ion Ratio Lower Upper
 85 100
 87 34.2 24.2 36.2



#3
 Chloromethane
 Concen: 23.191 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

Tgt Ion: 50 Resp: 114841
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.9 44.5

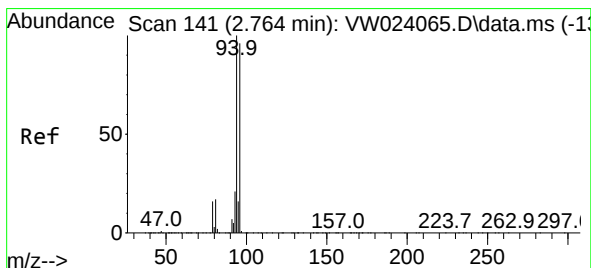
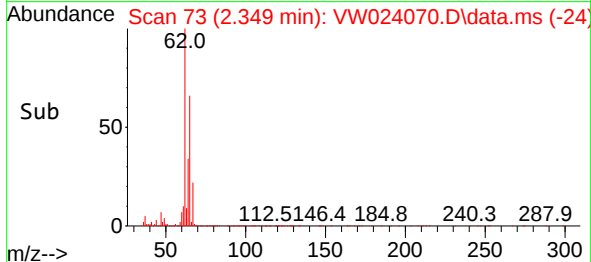
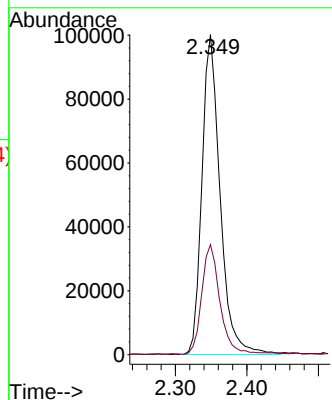
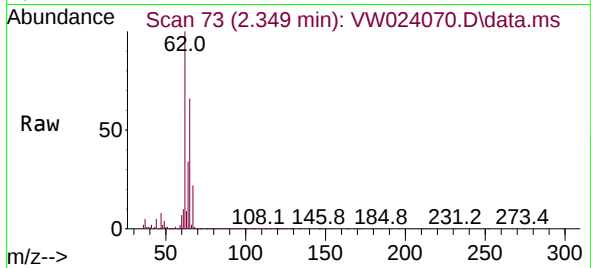




#5
 Vinyl chloride
 Concen: 22.893 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

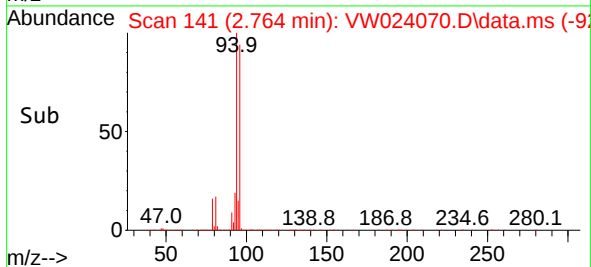
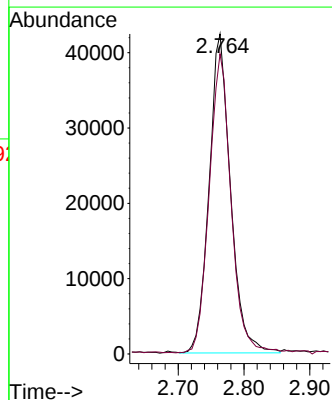
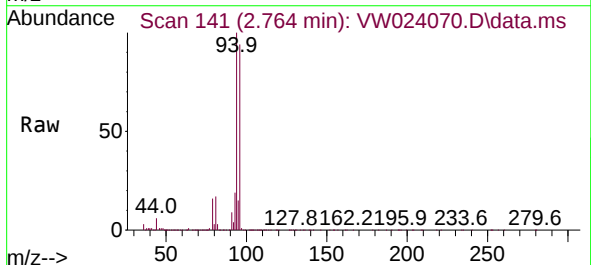
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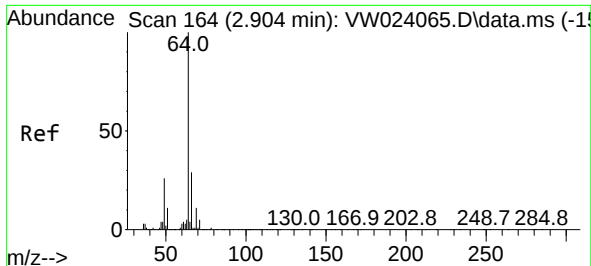
Tgt Ion: 62 Resp: 176695
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.3



#6
 Bromomethane
 Concen: 22.573 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

Tgt Ion: 94 Resp: 96250
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.9 114.9

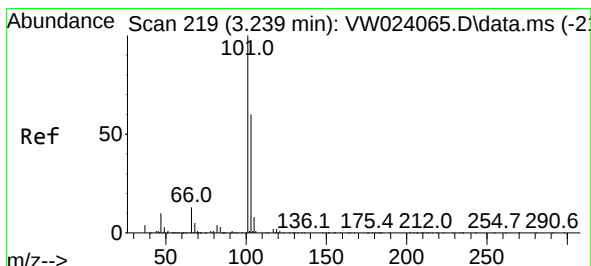
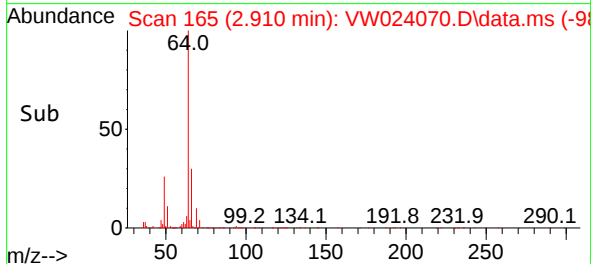
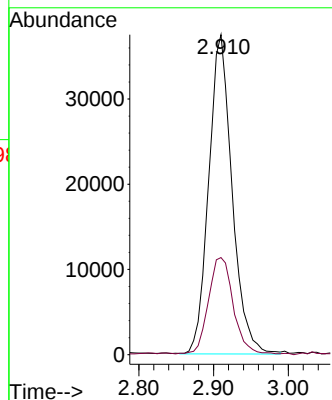
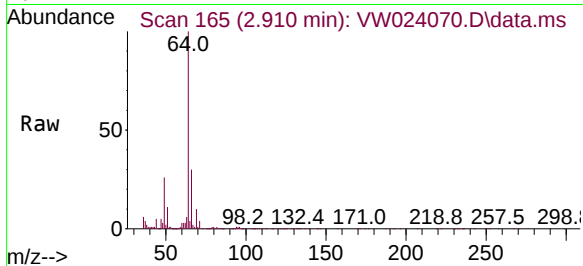




#8
Chloroethane
Concen: 23.972 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

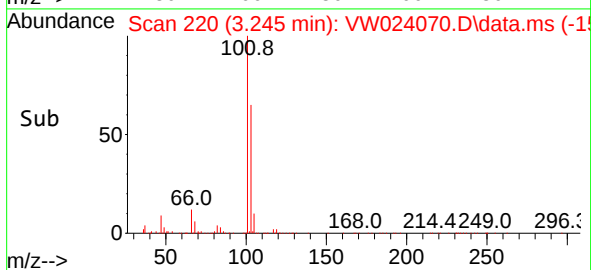
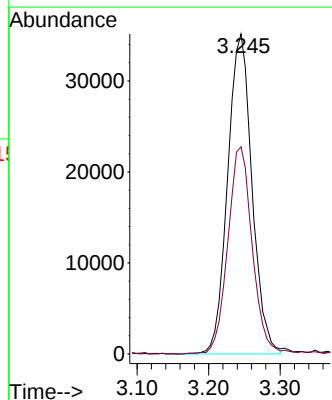
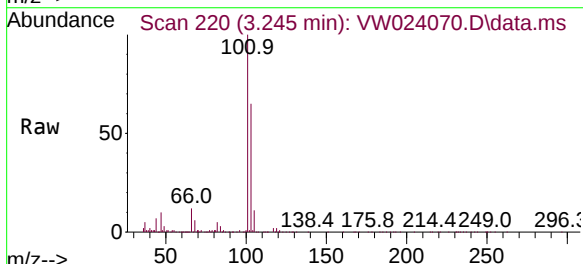
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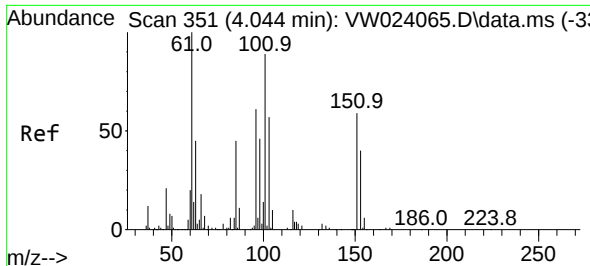
Tgt Ion: 64 Resp: 81392
Ion Ratio Lower Upper
64 100
66 30.3 23.9 44.3



#9
Trichlorofluoromethane
Concen: 23.155 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 101 Resp: 83197
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

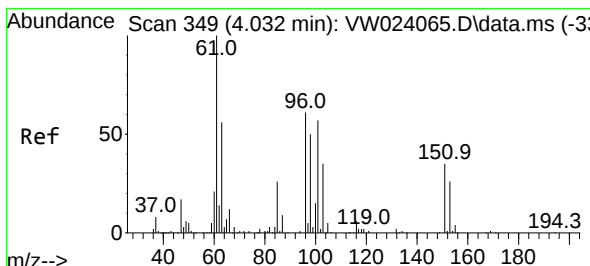
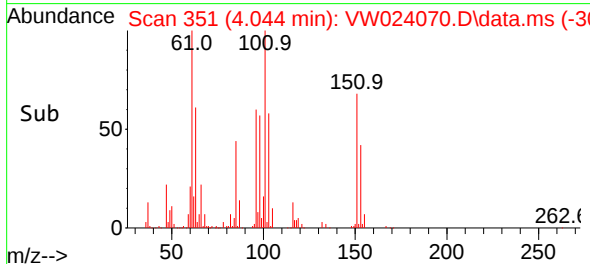
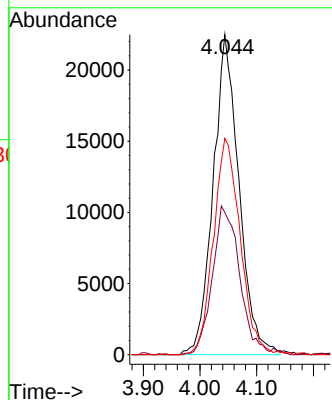
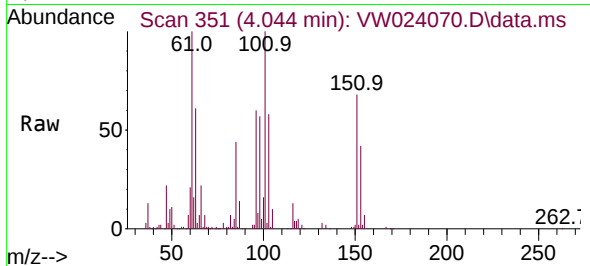




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.344 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

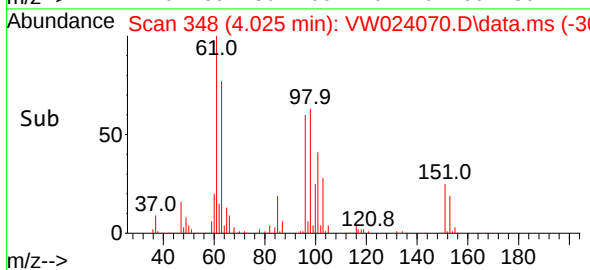
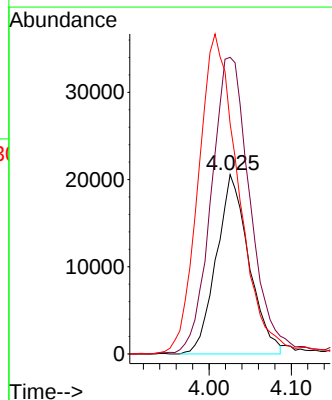
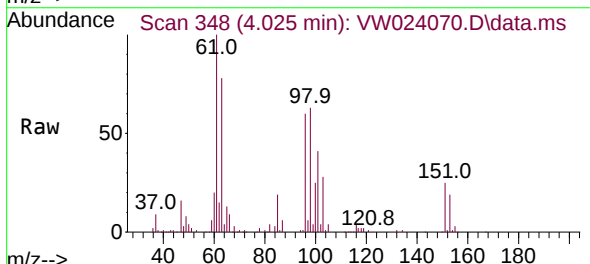
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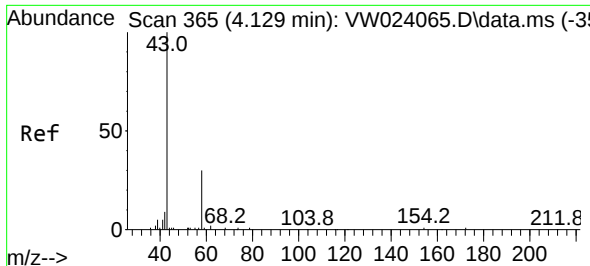
Tgt Ion:101 Resp: 71026
 Ion Ratio Lower Upper
 101 100
 85 48.7 39.8 59.8
 151 69.9 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 20.783 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

Tgt Ion: 96 Resp: 56688
 Ion Ratio Lower Upper
 96 100
 61 165.4 128.4 238.4
 63 128.4 93.1 172.9

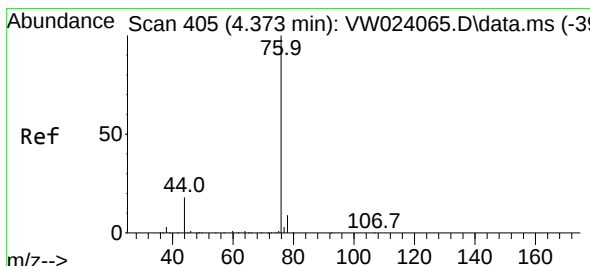
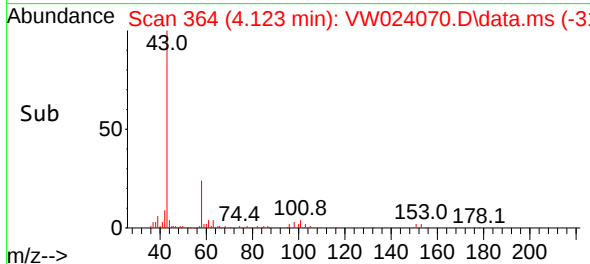
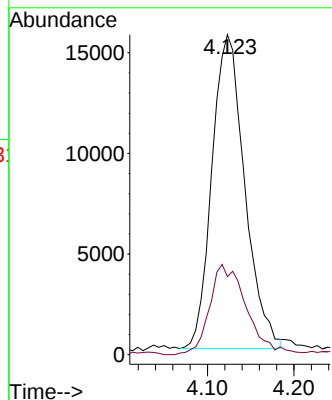
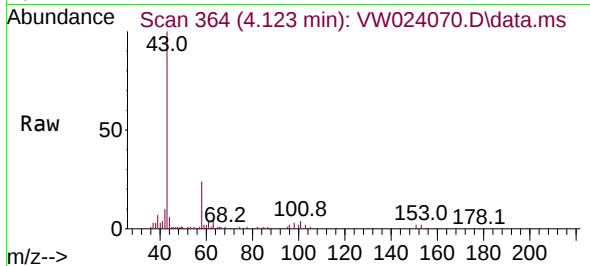




#13
Acetone
Concen: 58.756 ug/L
RT: 4.123 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW024070.D
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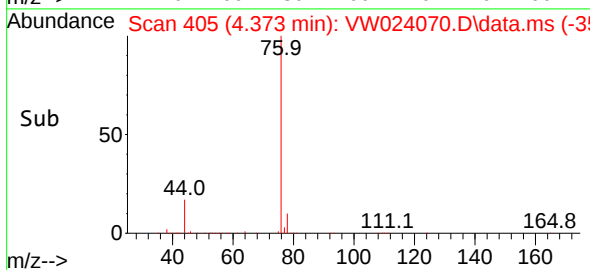
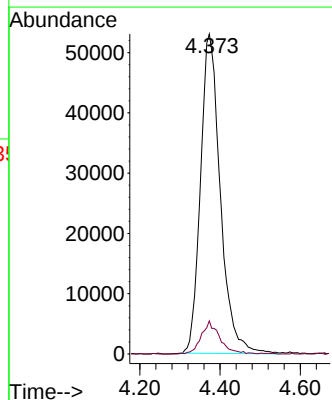
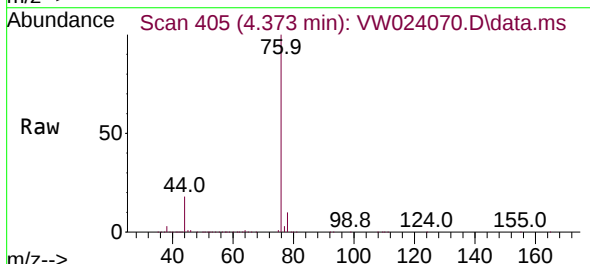
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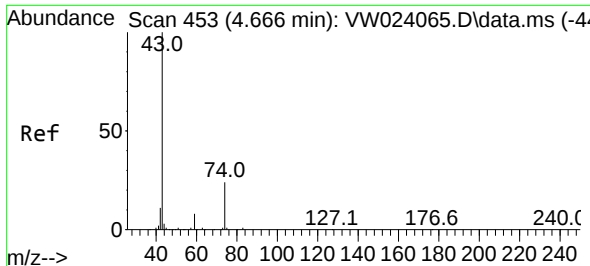
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Ion Ratio Lower Upper
43 100
58 31.4 0.0 60.0



#14
Carbon disulfide
Concen: 21.701 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024070.D
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Tgt Ion: 76 Resp: 181800
Ion Ratio Lower Upper
76 100
78 10.3 6.6 10.0#

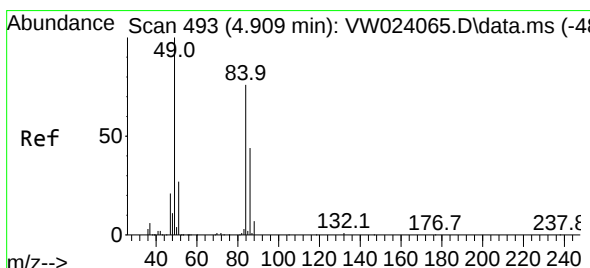
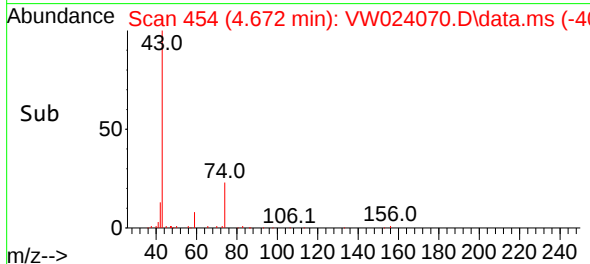
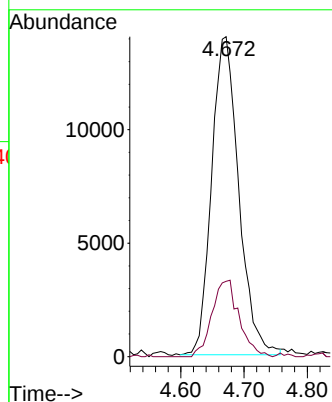
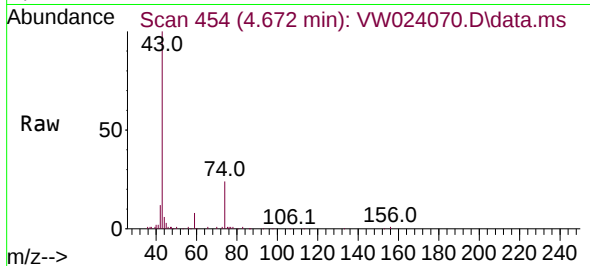




#15
Methyl Acetate
Concen: 24.775 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

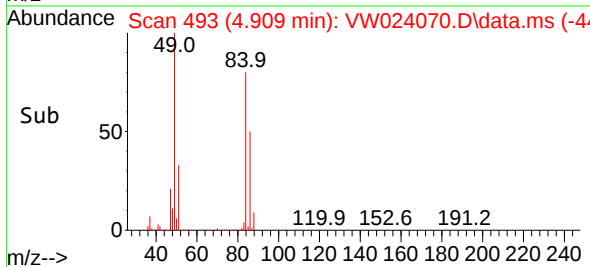
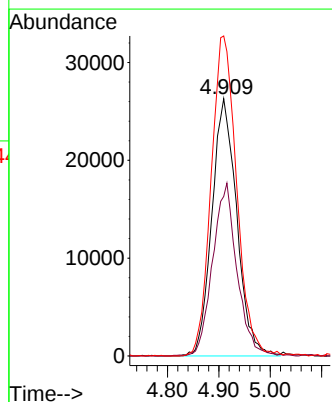
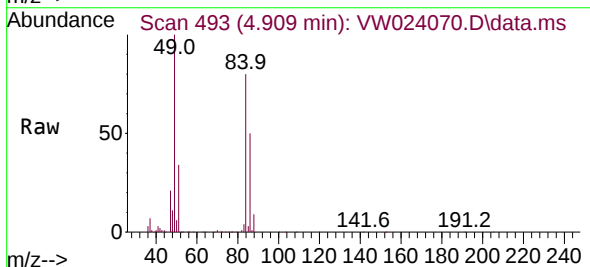
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

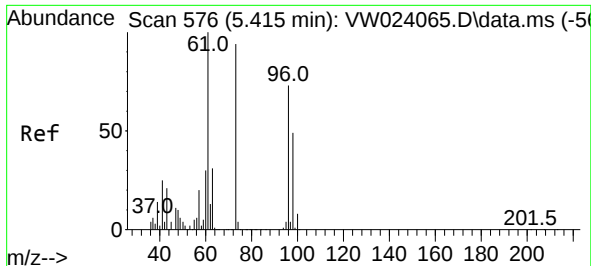
Tgt Ion: 43 Resp: 41725
Ion Ratio Lower Upper
43 100
74 24.0 21.1 31.7



#16
Methylene chloride
Concen: 22.479 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 84 Resp: 88362
Ion Ratio Lower Upper
84 100
86 62.0 44.7 83.1
49 124.4 83.7 155.4

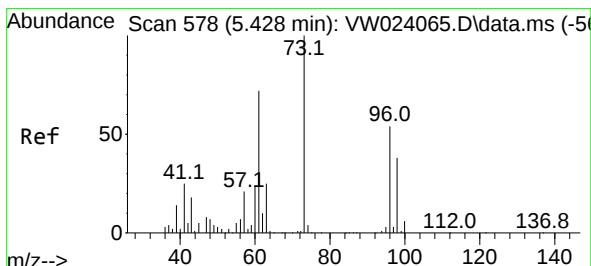
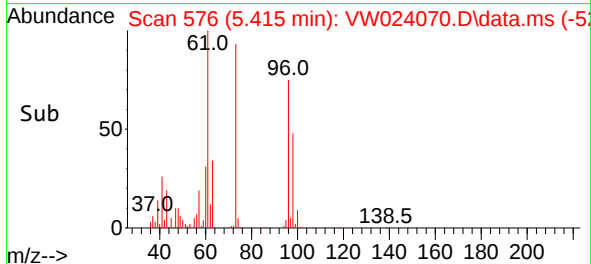
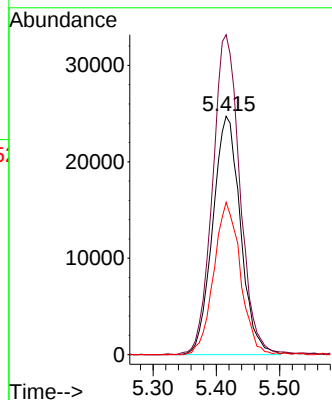
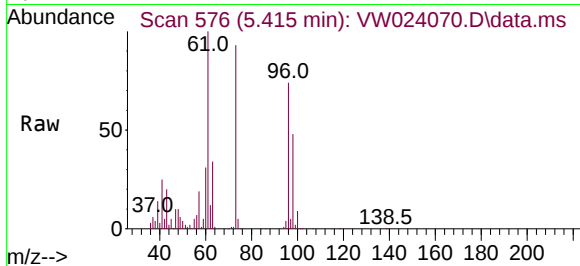




#17
trans-1,2-Dichloroethene
Concen: 22.542 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

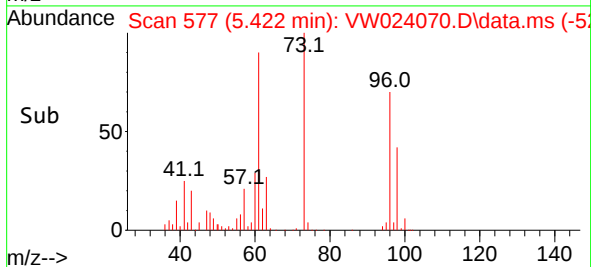
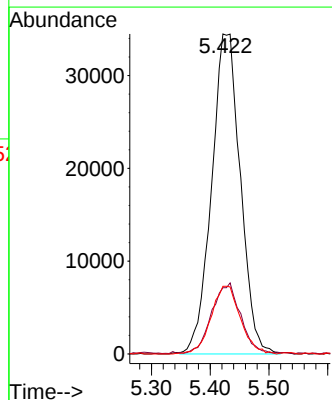
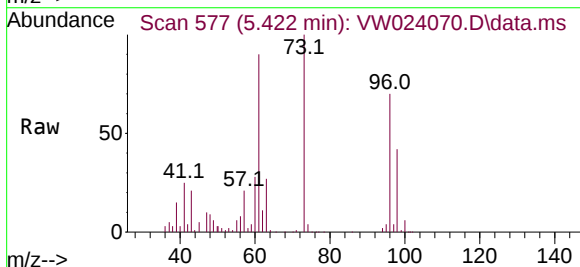
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

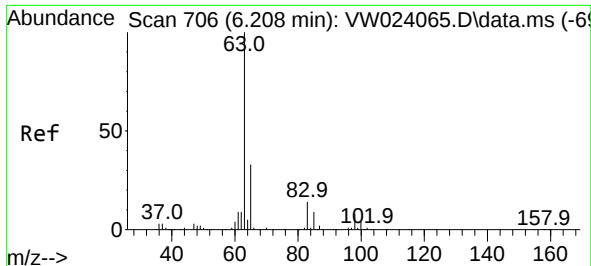
Tgt Ion: 96 Resp: 75229
Ion Ratio Lower Upper
96 100
61 134.2 92.7 172.1
98 63.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 23.704 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 73 Resp: 117258
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 21.6 16.6 25.0





#19

1,1-Dichloroethane

Concen: 21.235 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

H0B66MSD

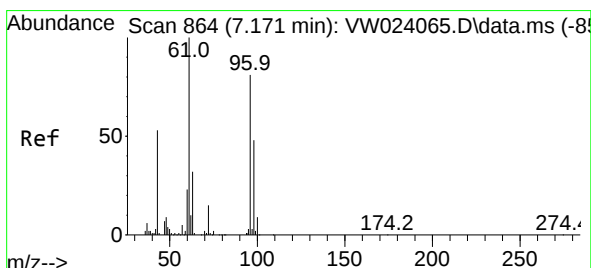
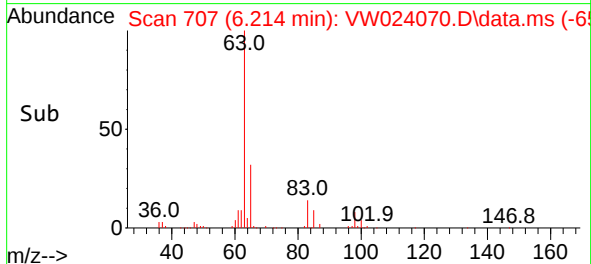
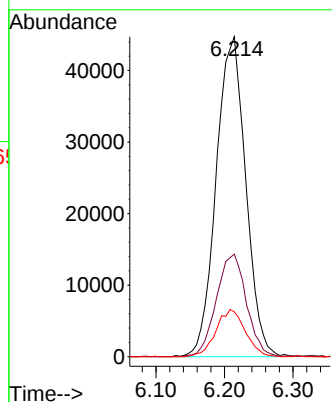
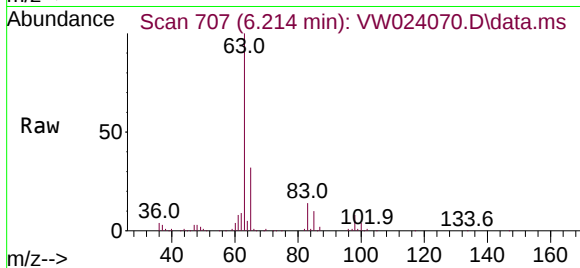
Tgt Ion: 63 Resp: 133859

Ion Ratio Lower Upper

63 100

65 32.0 23.4 43.4

83 14.0 9.7 17.9



#22

2-Butanone

Concen: 57.069 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024070.D

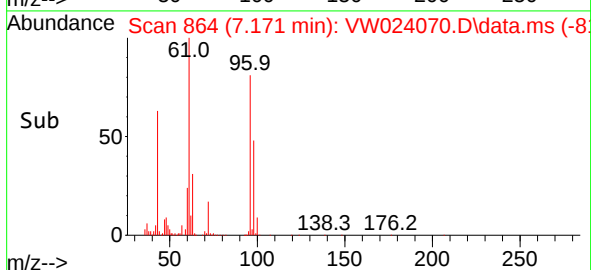
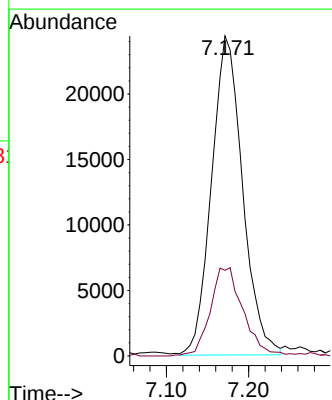
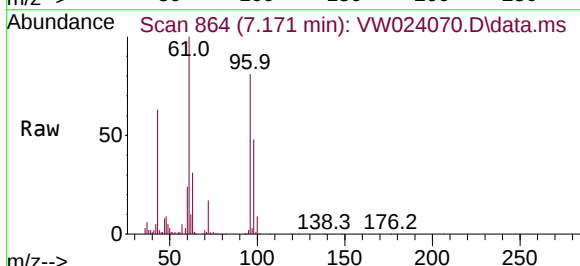
Acq: 25 Jul 2022 16:06

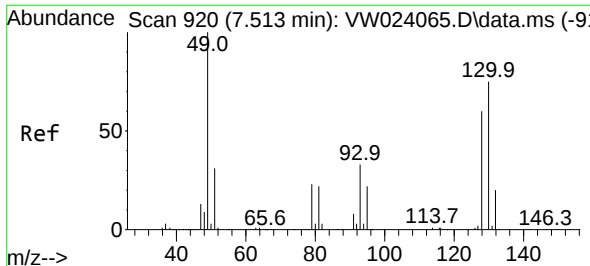
Tgt Ion: 43 Resp: 63951

Ion Ratio Lower Upper

43 100

72 28.9 15.0 45.0

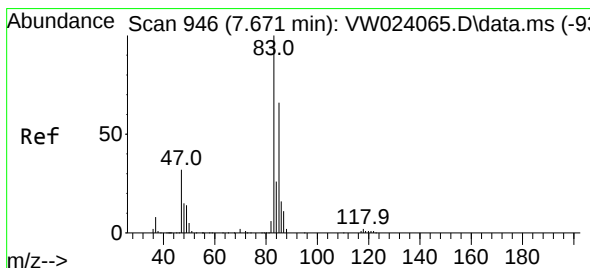
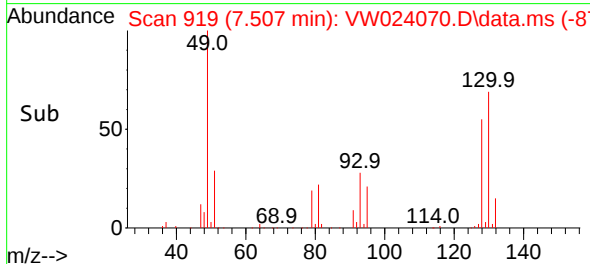
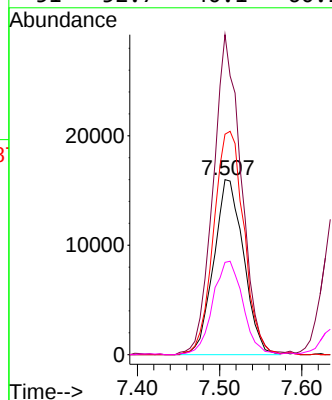
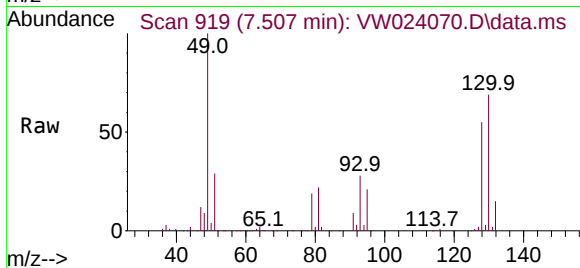




#23
Bromochloromethane
Concen: 21.388 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

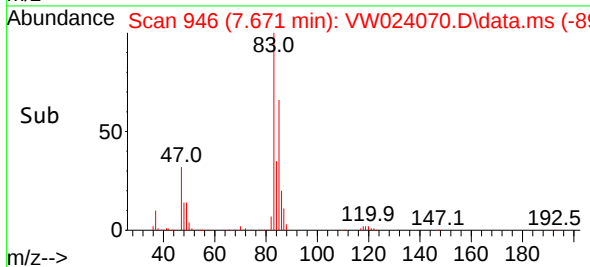
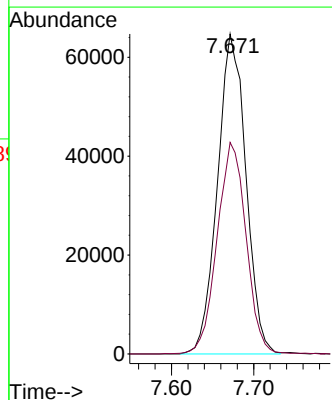
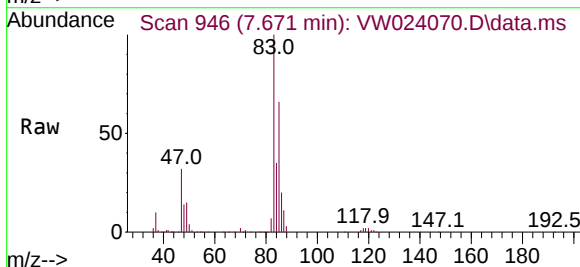
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

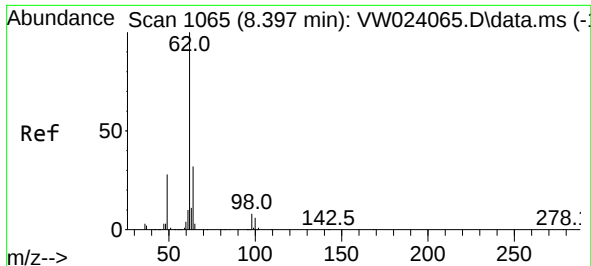
Tgt Ion:128 Resp: 40335
Ion Ratio Lower Upper
128 100
49 182.8 119.8 222.4
130 125.9 90.7 168.5
51 52.7 40.1 60.1



#25
Chloroform
Concen: 21.346 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 83 Resp: 155699
Ion Ratio Lower Upper
83 100
85 66.1 44.1 81.9





#27

1,2-Dichloroethane

Concen: 22.511 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

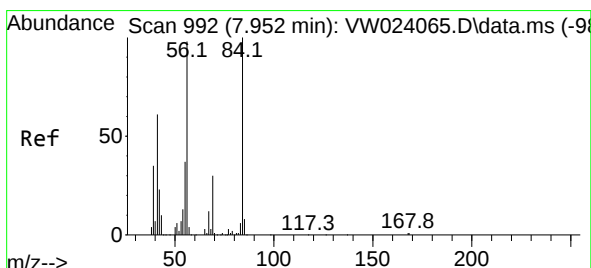
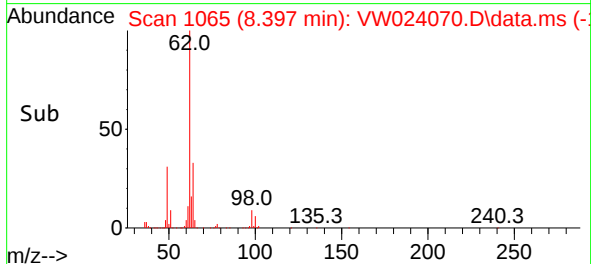
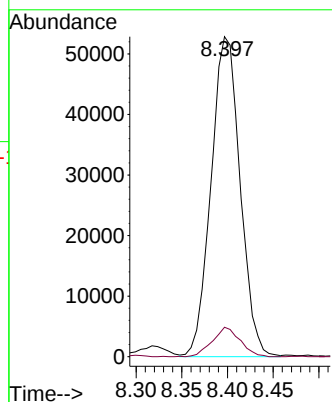
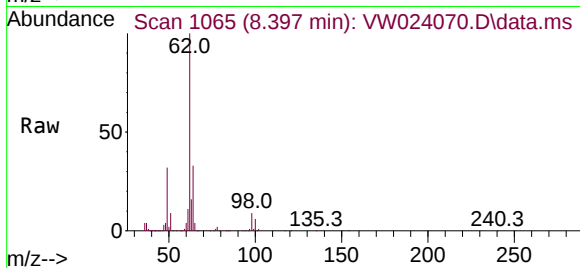
H0B66MSD

Tgt Ion: 62 Resp: 116944

Ion Ratio Lower Upper

62 100

98 9.2 7.1 10.7



#29

Cyclohexane

Concen: 23.226 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

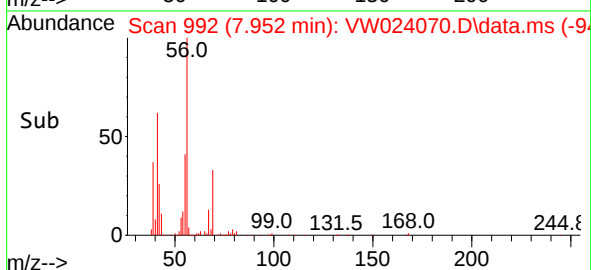
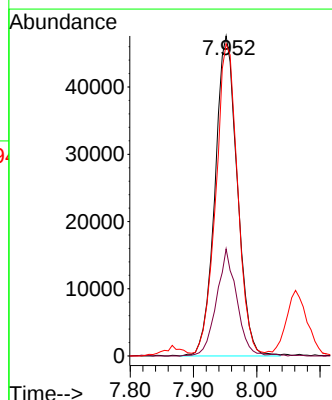
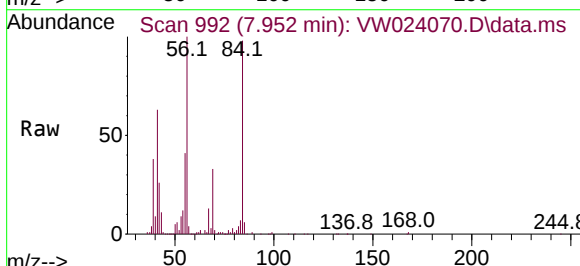
Tgt Ion: 56 Resp: 116177

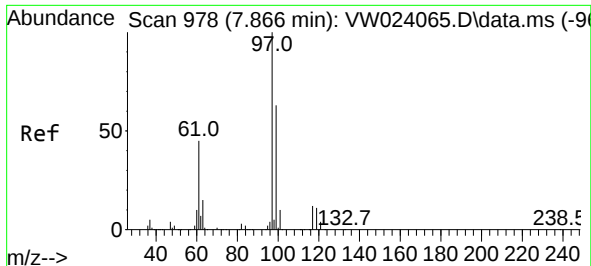
Ion Ratio Lower Upper

56 100

69 29.7 24.1 36.1

84 95.8 76.2 114.4

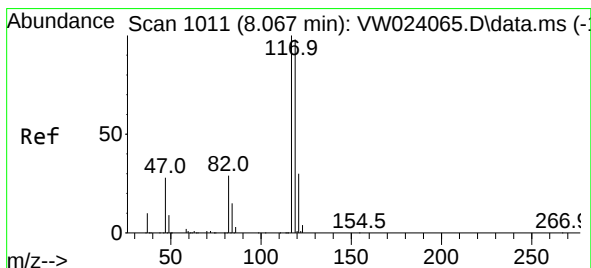
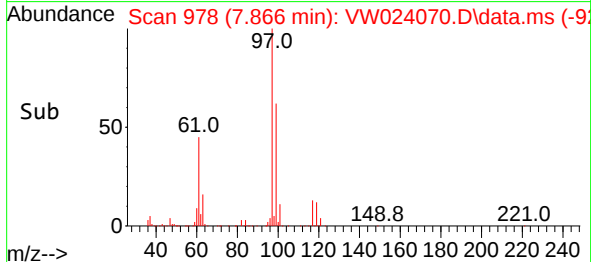
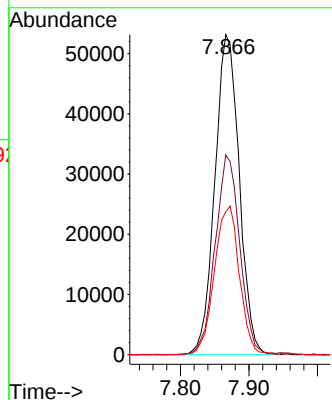
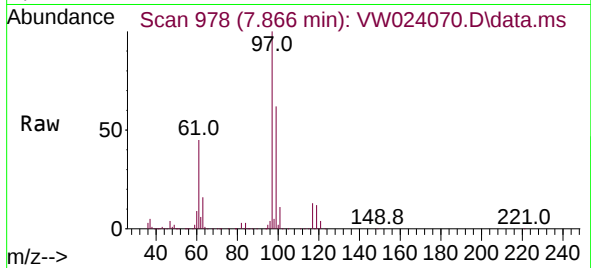




#30
1,1,1-Trichloroethane
Concen: 21.623 ug/L
RT: 7.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

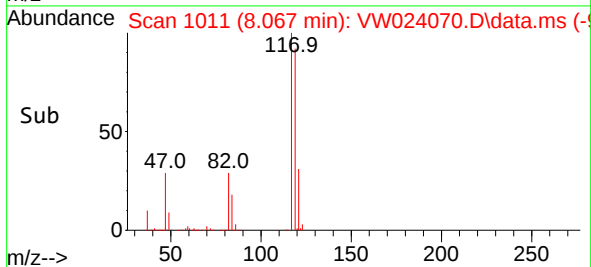
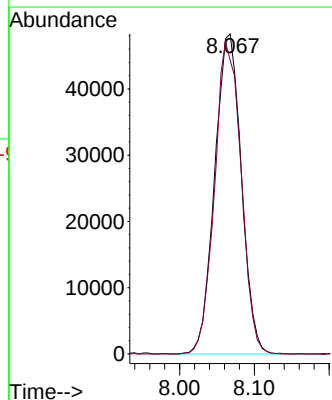
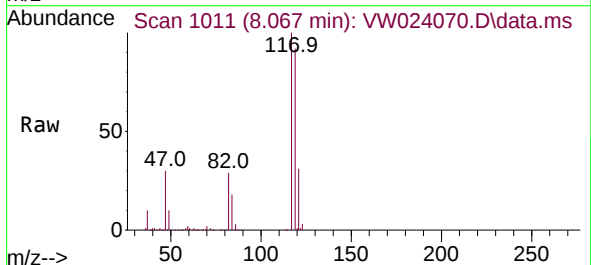
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

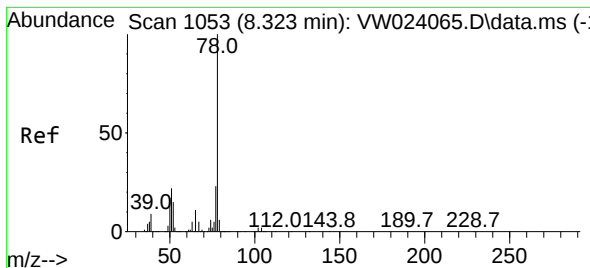
Tgt Ion: 97 Resp: 131218
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 47.5 37.8 56.6



#31
Carbon tetrachloride
Concen: 21.371 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 117 Resp: 119547
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.4





#33

Benzene

Concen: 22.152 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

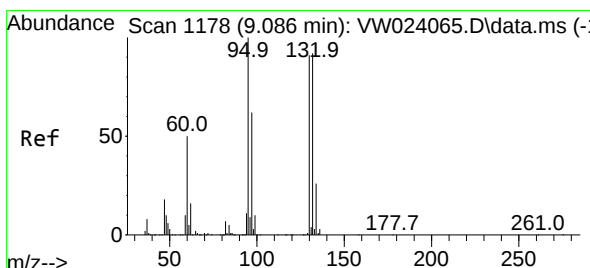
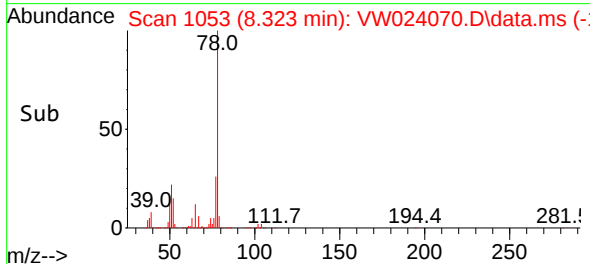
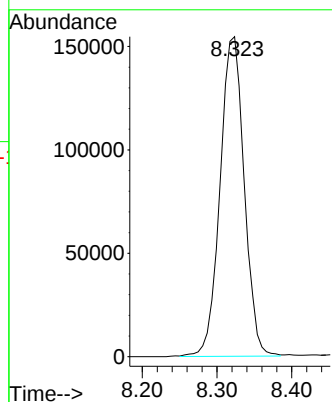
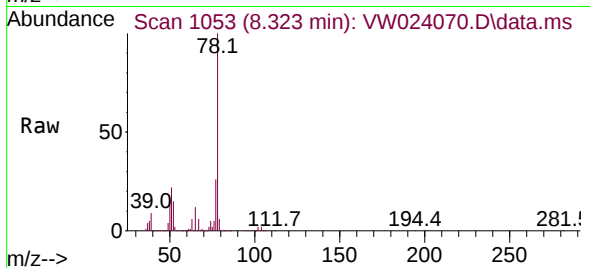
Instrument :

MSVOA_W

ClientSampleId :

H0B66MSD

Tgt Ion: 78 Resp: 347420



#34

Trichloroethene

Concen: 21.476 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Tgt Ion: 95 Resp: 89190

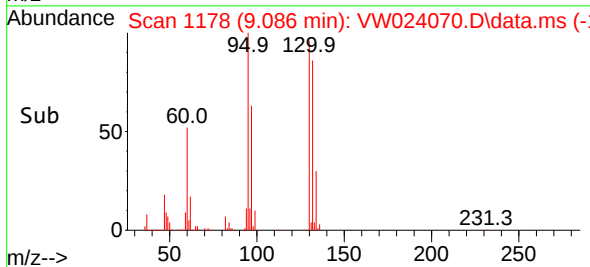
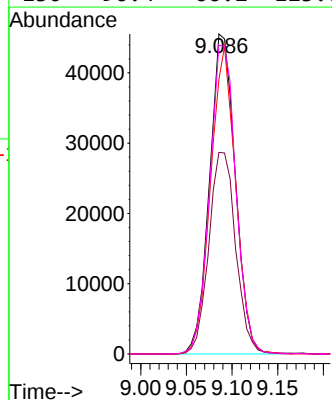
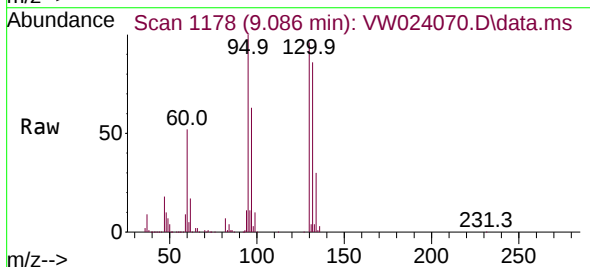
Ion Ratio Lower Upper

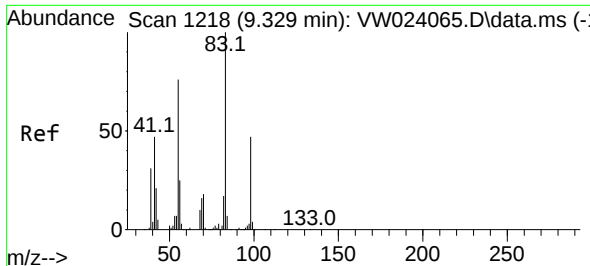
95 100

97 63.0 46.5 86.3

132 85.8 65.8 122.2

130 96.4 66.2 123.0





#35

Methylcyclohexane

Concen: 22.426 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

H0B66MSD

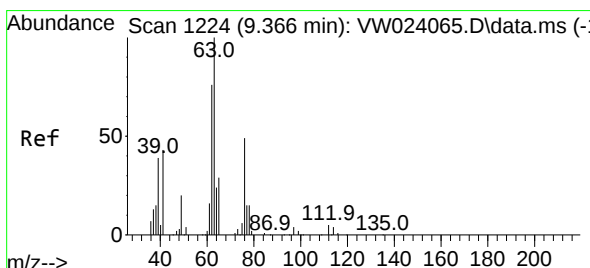
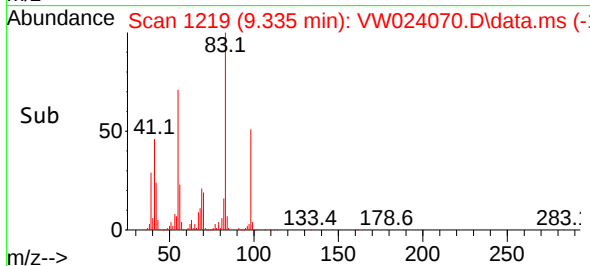
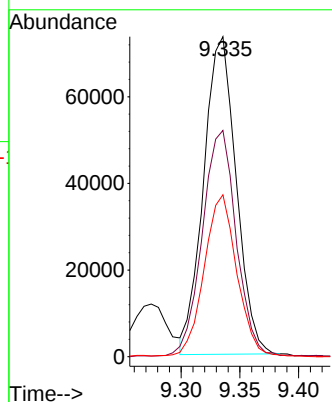
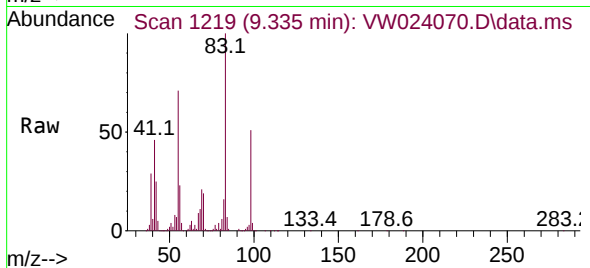
Tgt Ion: 83 Resp: 141497

Ion Ratio Lower Upper

83 100

55 74.4 57.3 85.9

98 51.3 38.9 58.3



#37

1,2-Dichloropropane

Concen: 22.131 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024070.D

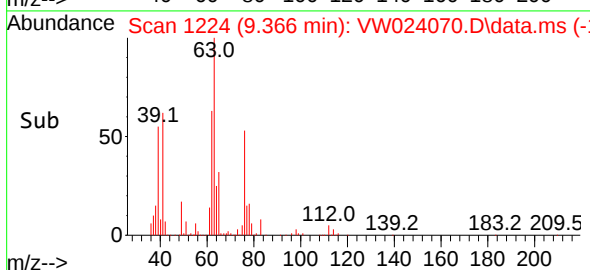
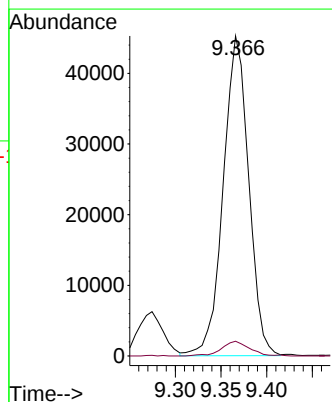
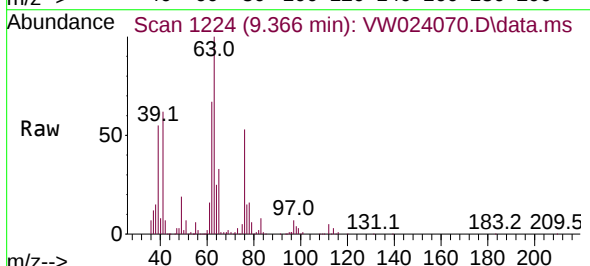
Acq: 25 Jul 2022 16:06

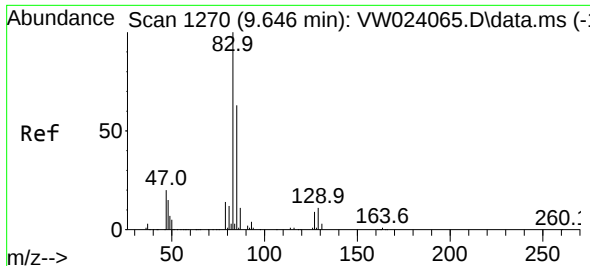
Tgt Ion: 63 Resp: 87751

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9

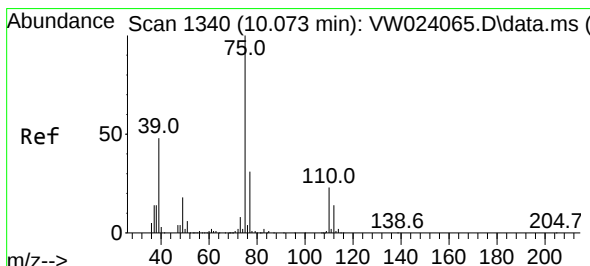
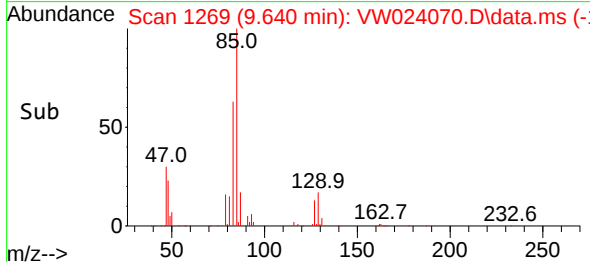
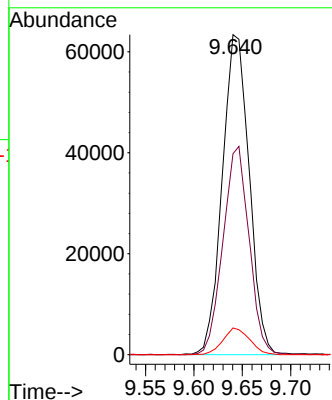
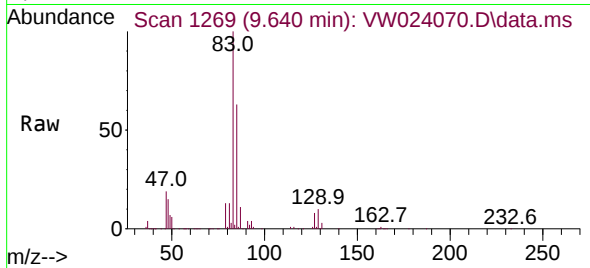




#38
Bromodichloromethane
Concen: 21.704 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

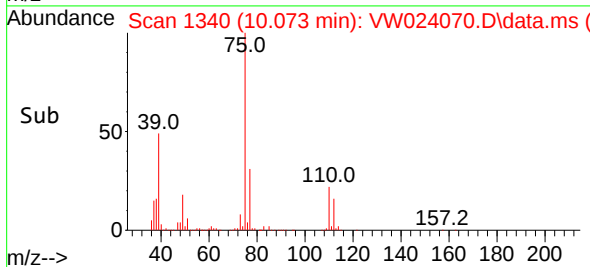
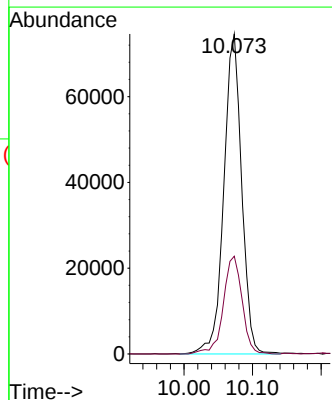
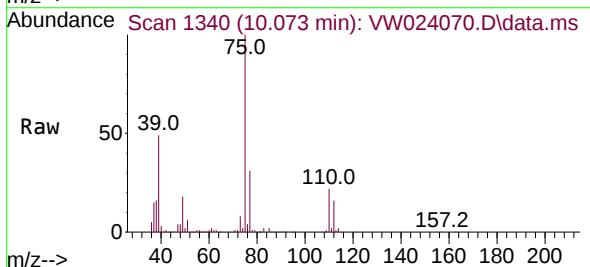
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

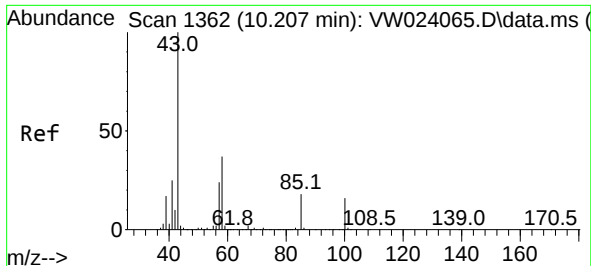
Tgt Ion: 83 Resp: 122696
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
127 8.4 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 23.277 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 75 Resp: 134464
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 53.576 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

H0B66MSD

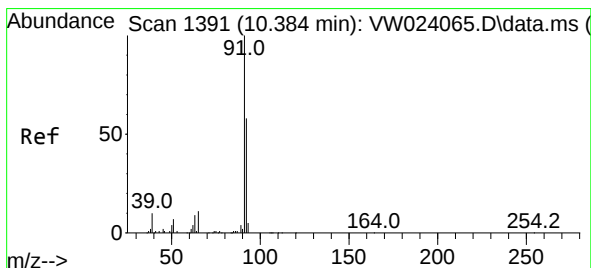
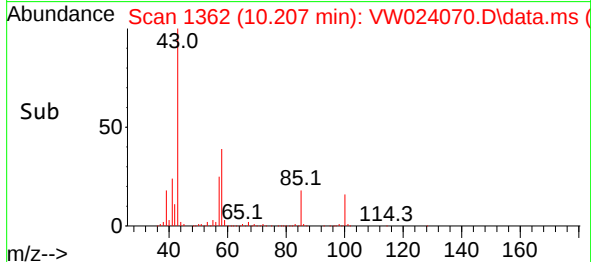
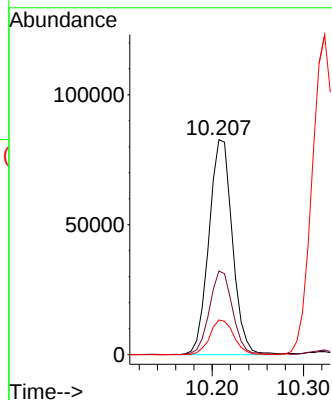
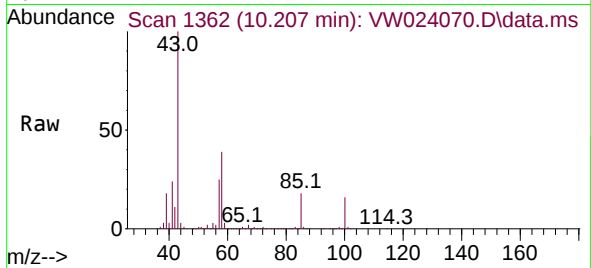
Tgt Ion: 43 Resp: 147821

Ion Ratio Lower Upper

43 100

58 38.4 30.8 46.2

100 16.4 13.0 19.6



#42

Toluene

Concen: 23.207 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024070.D

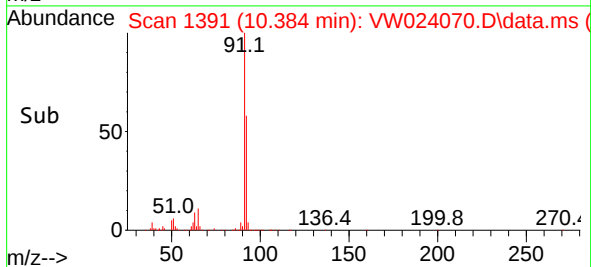
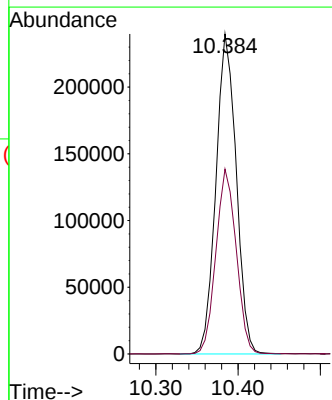
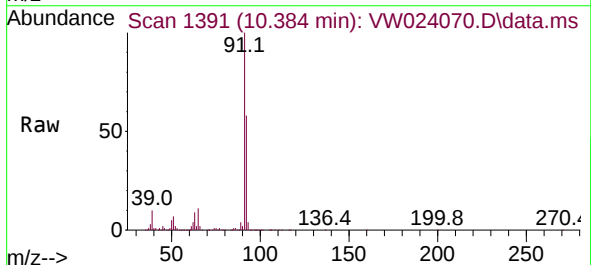
Acq: 25 Jul 2022 16:06

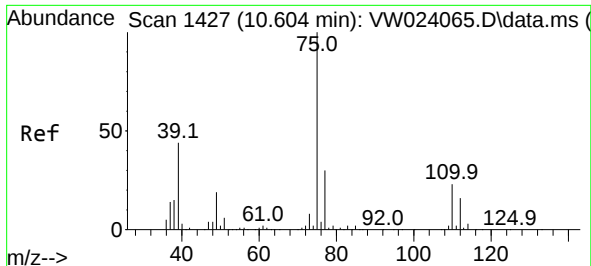
Tgt Ion: 91 Resp: 411689

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9

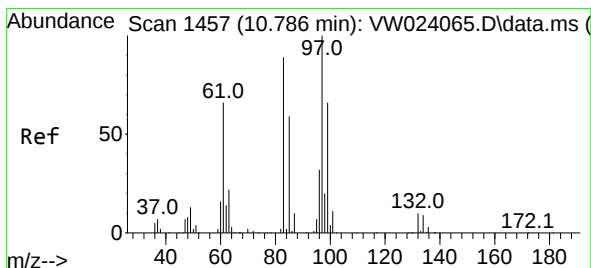
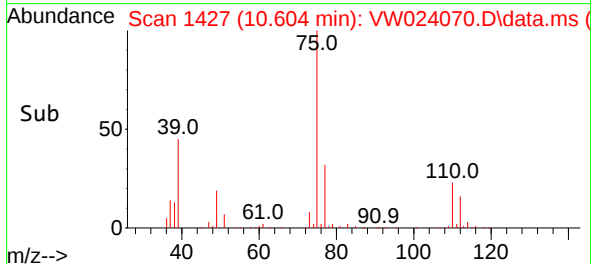
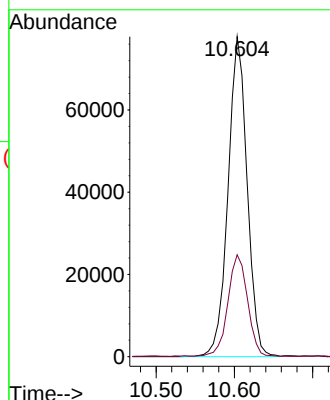
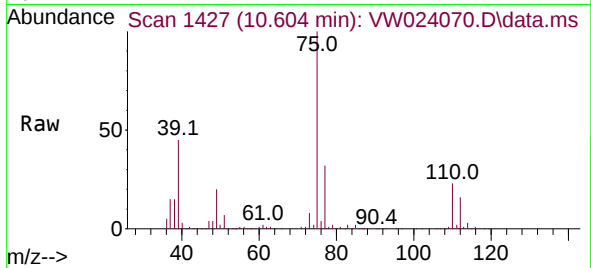




#44
trans-1,3-Dichloropropene
Concen: 24.126 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

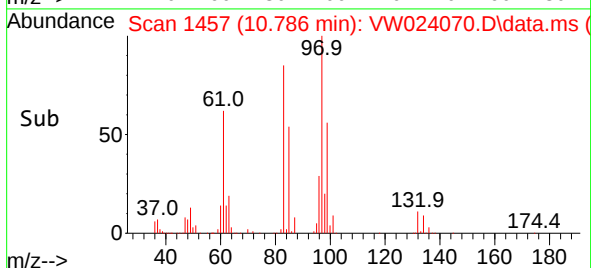
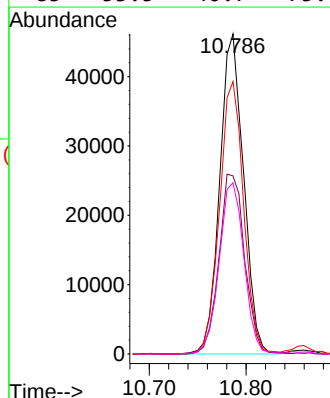
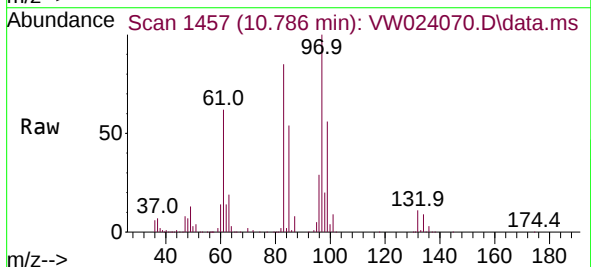
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

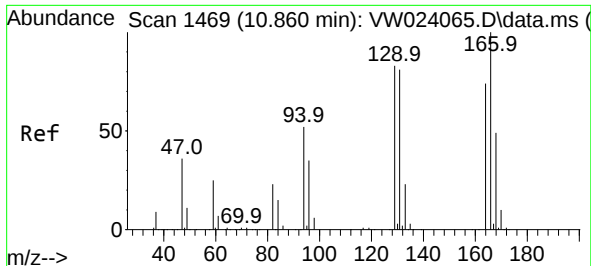
Tgt Ion: 75 Resp: 131985
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 22.779 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 97 Resp: 78904
Ion Ratio Lower Upper
97 100
99 55.6 46.2 85.8
83 85.1 61.2 113.6
85 53.5 40.7 75.7



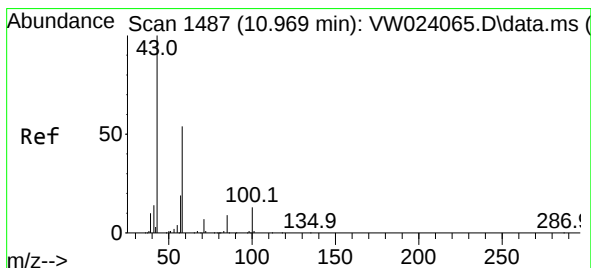
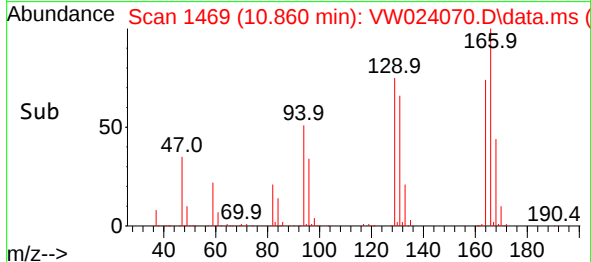
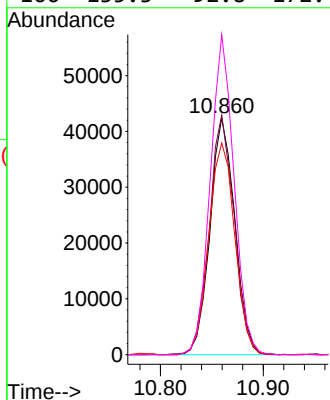
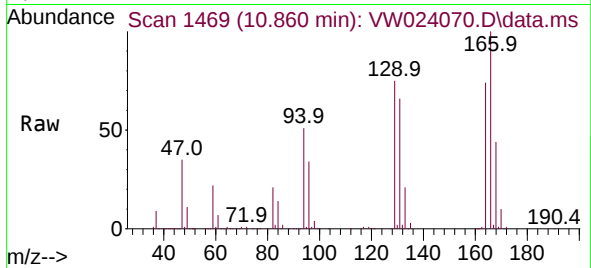


#46
Tetrachloroethene
Concen: 21.853 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

Tgt Ion:164 Resp: 71033

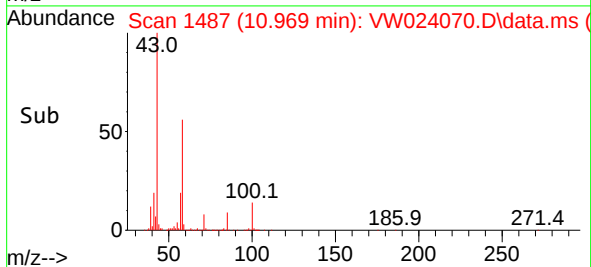
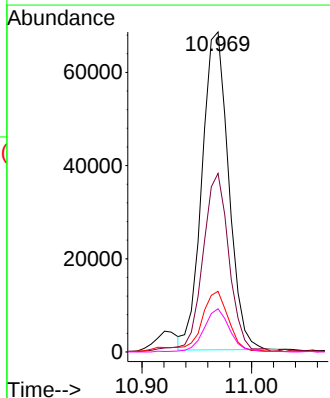
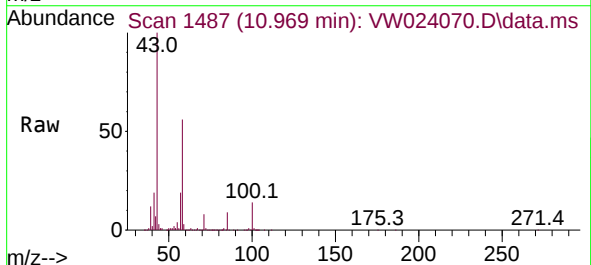
Ion	Ratio	Lower	Upper
164	100		
129	101.4	65.7	122.1
131	89.5	69.2	128.4
166	135.3	92.8	172.4

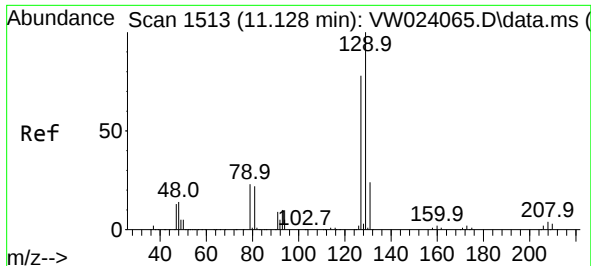


#48
2-Hexanone
Concen: 57.581 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 43 Resp: 115131

Ion	Ratio	Lower	Upper
43	100		
58	55.8	41.0	61.6
57	17.9	14.5	21.7
100	13.3	10.9	16.3





#49

Dibromochloromethane

Concen: 23.197 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

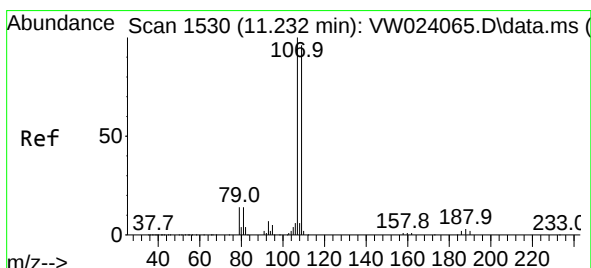
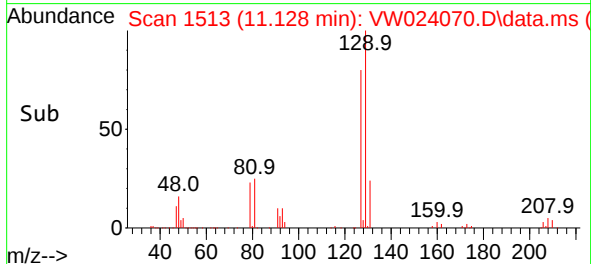
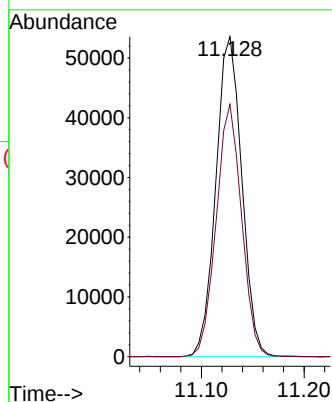
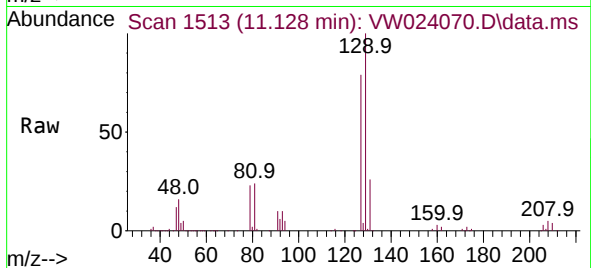
H0B66MSD

Tgt Ion:129 Resp: 93886

Ion Ratio Lower Upper

129 100

127 78.9 55.0 102.2



#50

1,2-Dibromoethane

Concen: 23.477 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

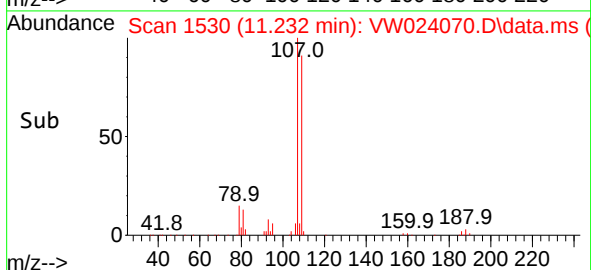
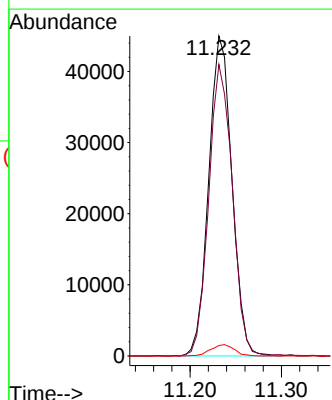
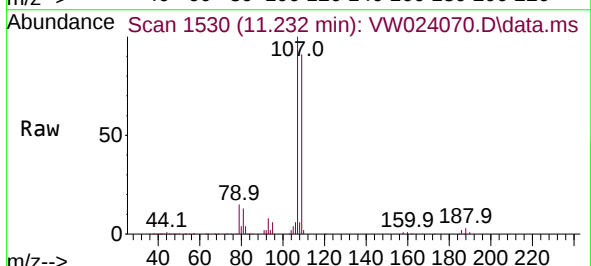
Tgt Ion:107 Resp: 79619

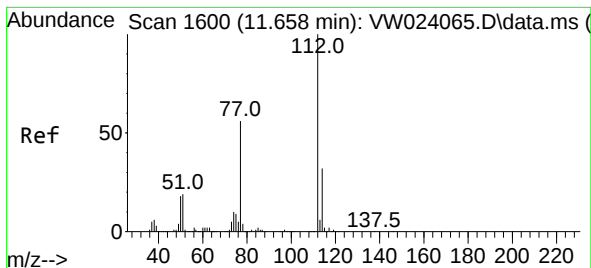
Ion Ratio Lower Upper

107 100

109 91.1 62.2 115.6

188 3.2 2.2 3.2#

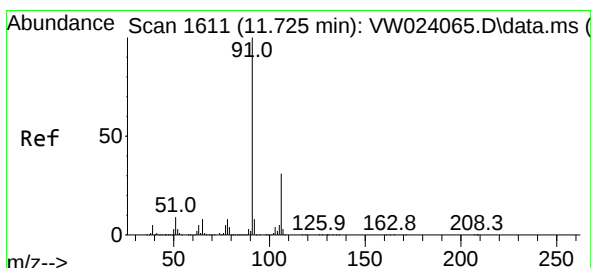
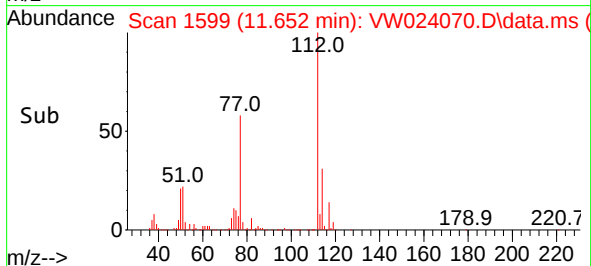
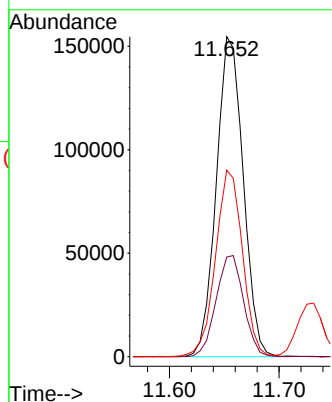
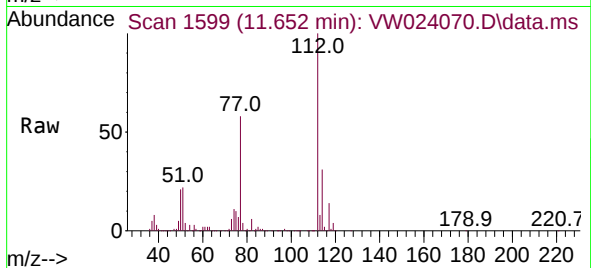




#51
Chlorobenzene
Concen: 22.139 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

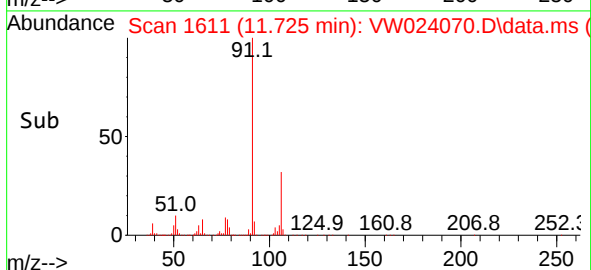
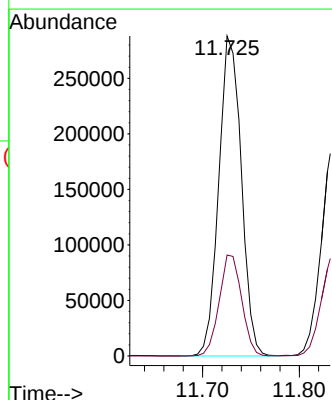
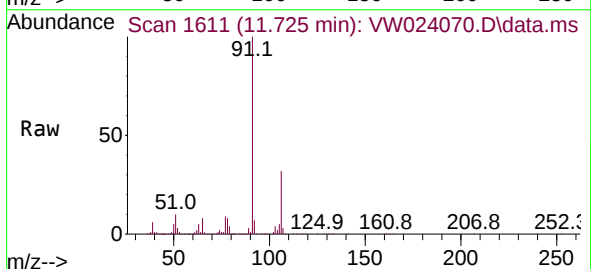
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

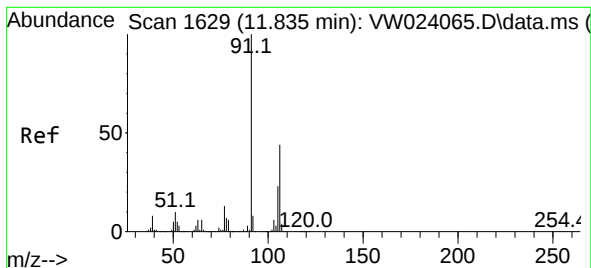
Tgt Ion:112 Resp: 264316
Ion Ratio Lower Upper
112 100
114 31.1 23.7 43.9
77 58.3 48.2 72.2



#52
Ethylbenzene
Concen: 23.788 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion: 91 Resp: 465069
Ion Ratio Lower Upper
91 100
106 31.5 21.0 39.0





#53

m,p-Xylene

Concen: 24.064 ug/L

RT: 11.835 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

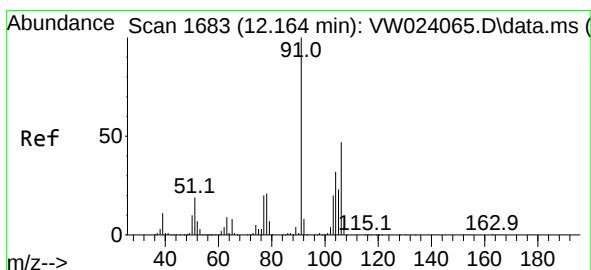
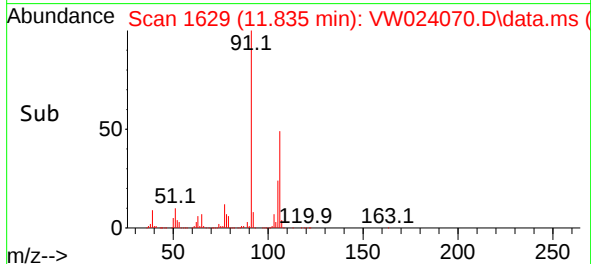
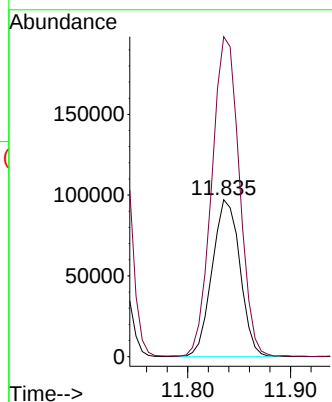
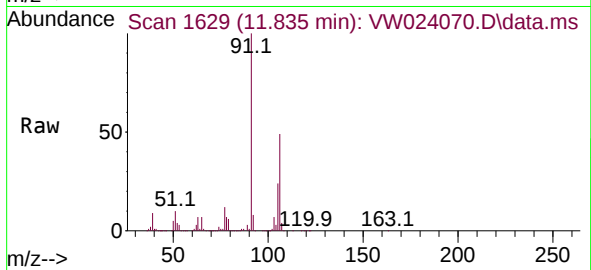
H0B66MSD

Tgt Ion:106 Resp: 182608

Ion Ratio Lower Upper

106 100

91 203.9 142.9 265.3



#54

o-Xylene

Concen: 24.213 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW024070.D

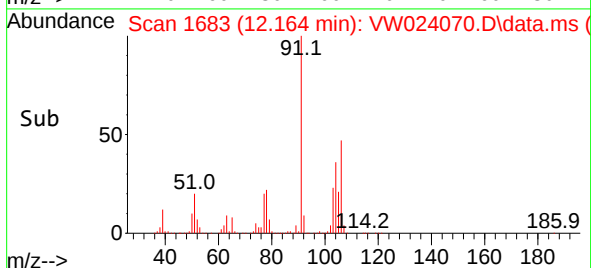
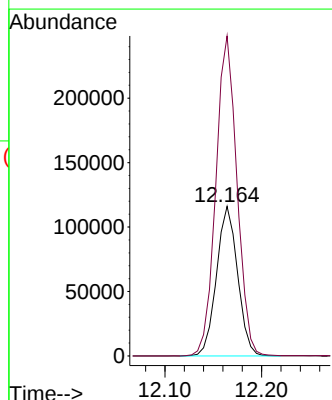
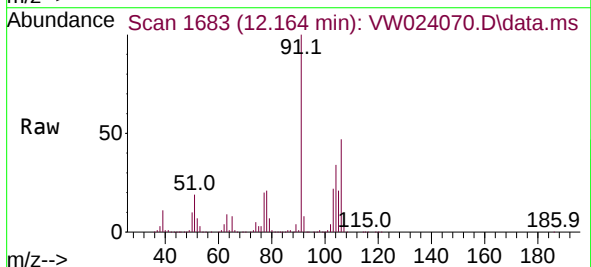
Acq: 25 Jul 2022 16:06

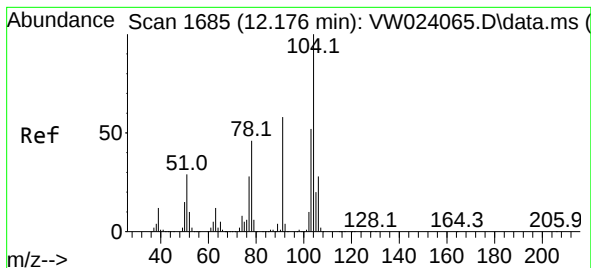
Tgt Ion:106 Resp: 175712

Ion Ratio Lower Upper

106 100

91 213.9 150.6 279.6





#55

Styrene

Concen: 24.451 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

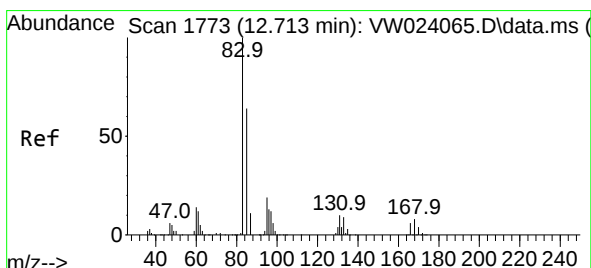
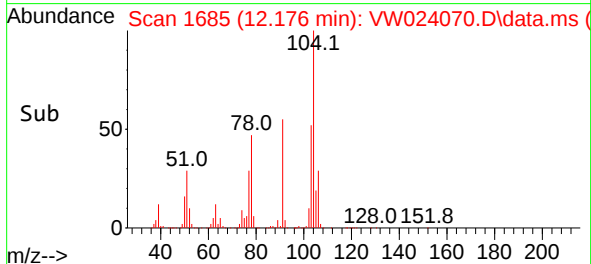
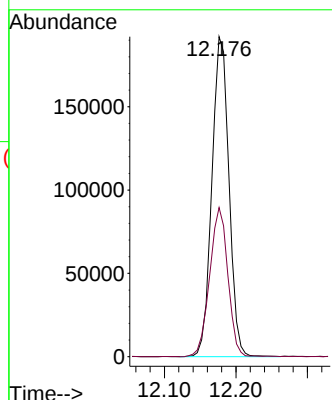
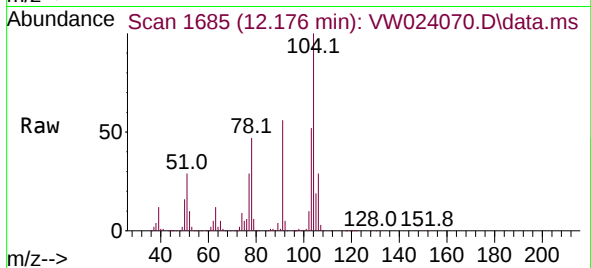
H0B66MSD

Tgt Ion:104 Resp: 317872

Ion Ratio Lower Upper

104 100

78 46.6 30.3 56.3



#57

1,1,2,2-Tetrachloroethane

Concen: 24.074 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

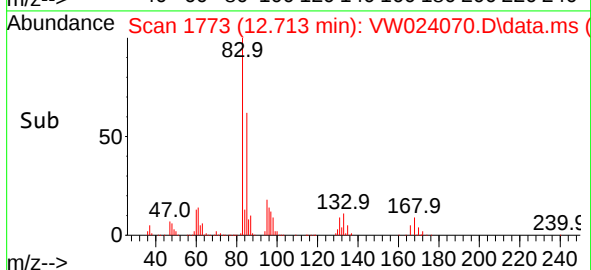
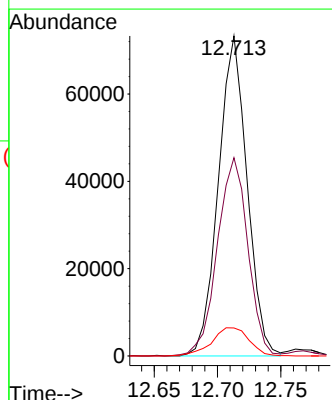
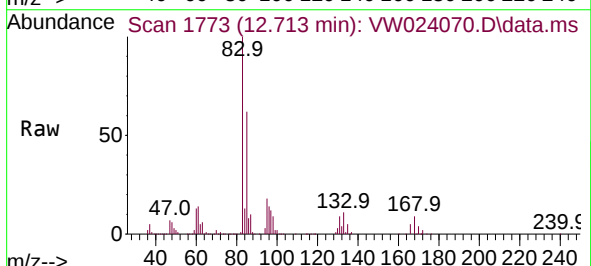
Tgt Ion: 83 Resp: 115571

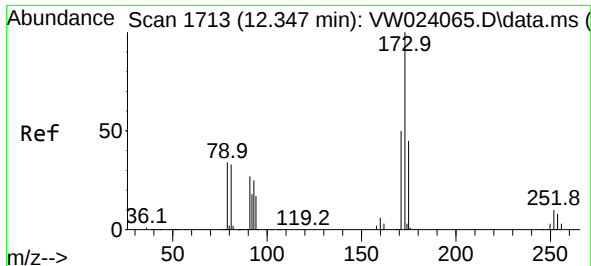
Ion Ratio Lower Upper

83 100

85 62.0 44.4 82.5

131 8.7 7.5 11.3

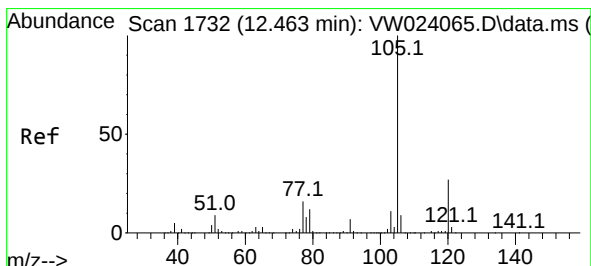
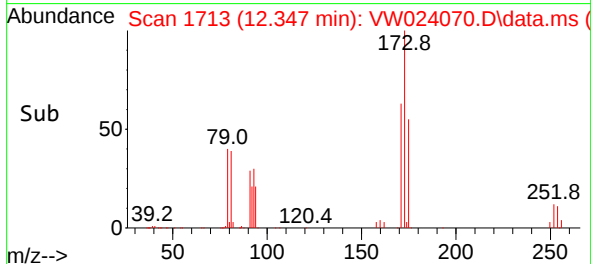
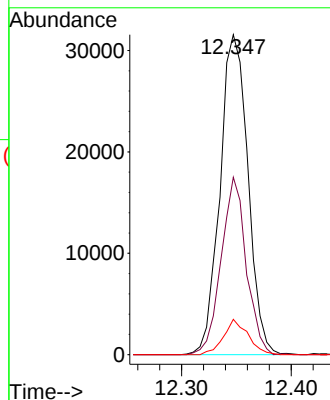
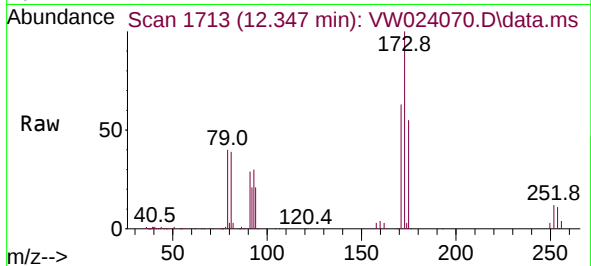




#59
Bromoform
Concen: 23.661 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

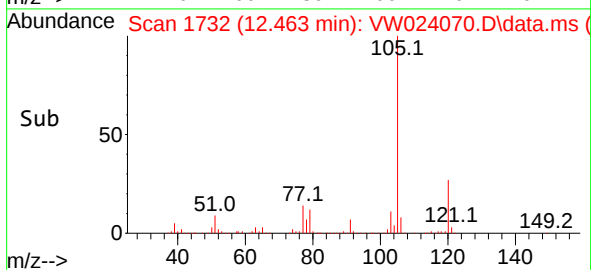
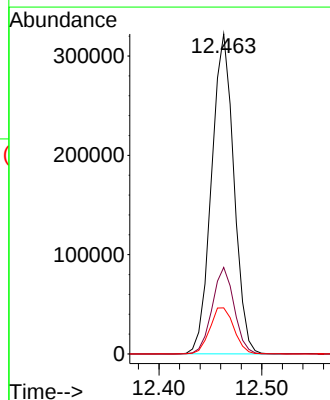
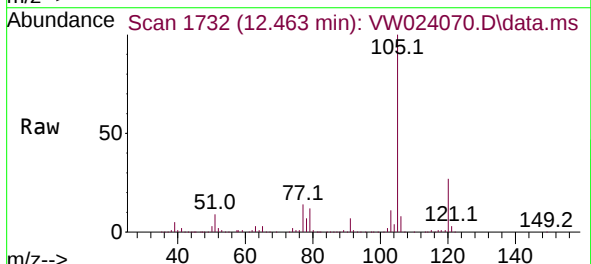
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

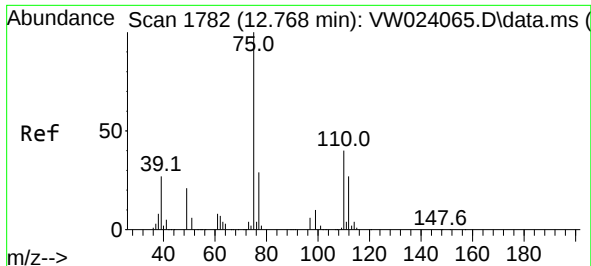
Tgt Ion:173 Resp: 55978
Ion Ratio Lower Upper
173 100
175 49.7 38.4 57.6
254 9.7 7.0 10.4



#60
Isopropylbenzene
Concen: 24.999 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion:105 Resp: 484651
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 15.6 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 24.358 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024070.D

Acq: 25 Jul 2022 16:06

Instrument :

MSVOA_W

ClientSampleId :

H0B66MSD

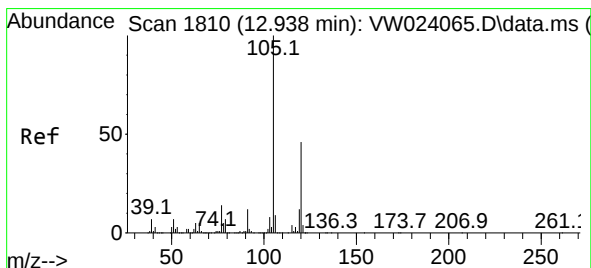
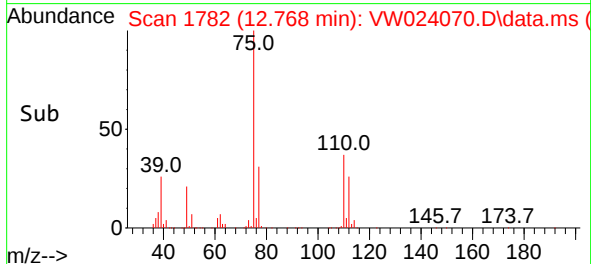
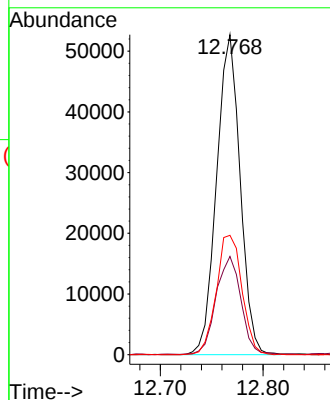
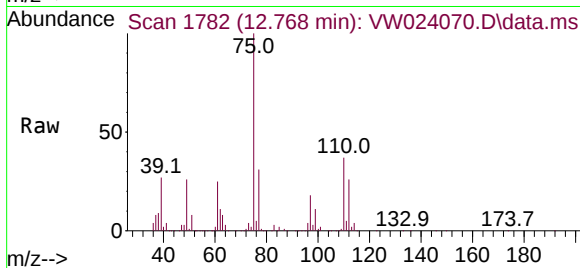
Tgt Ion: 75 Resp: 83798

Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

110 40.7 33.0 49.4



#62

1,3,5-Trimethylbenzene

Concen: 25.318 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024070.D

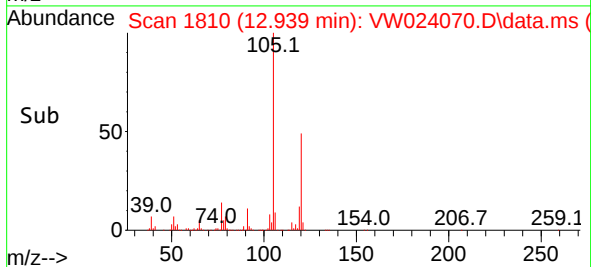
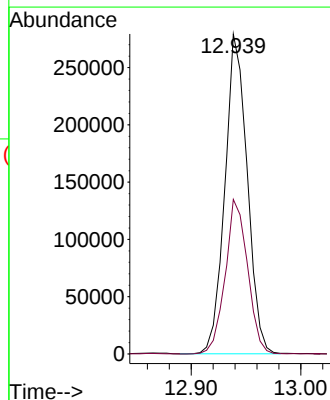
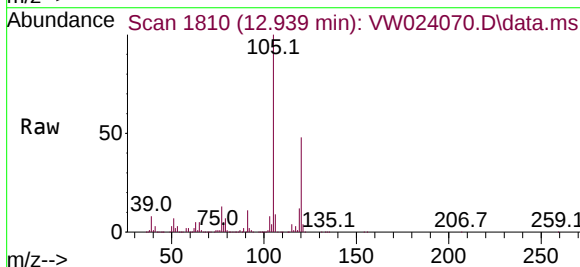
Acq: 25 Jul 2022 16:06

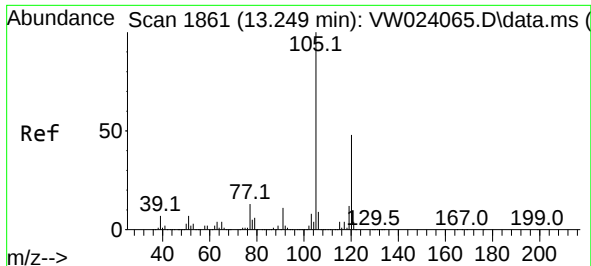
Tgt Ion:105 Resp: 394885

Ion Ratio Lower Upper

105 100

120 48.5 38.1 57.1

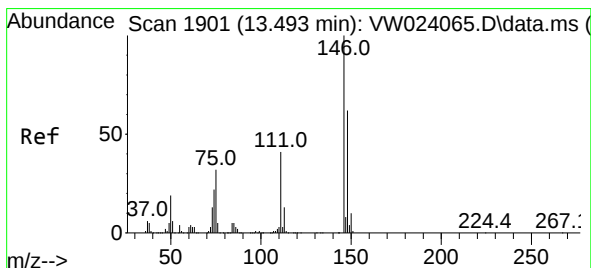
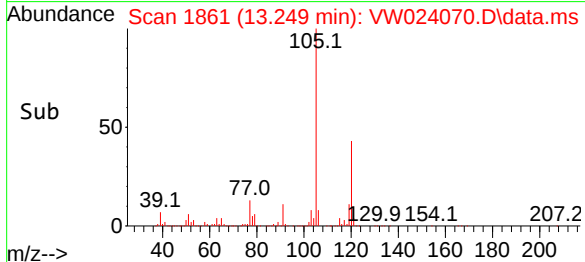
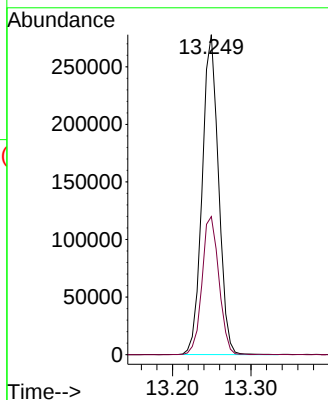
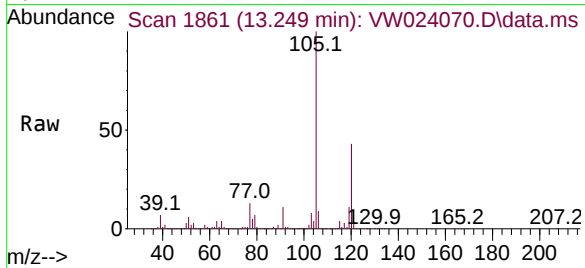




#63
1,2,4-Trimethylbenzene
Concen: 25.410 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

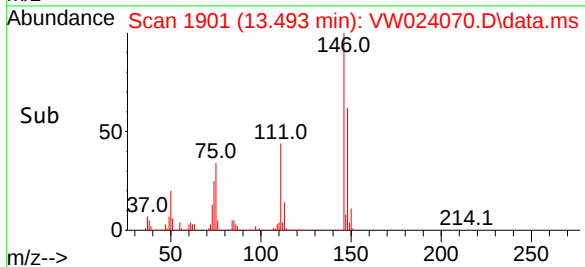
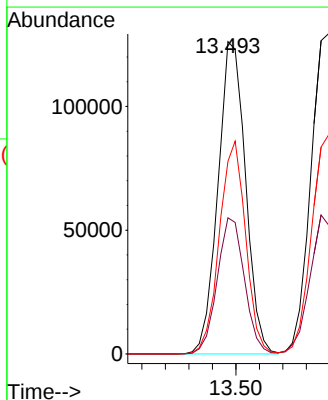
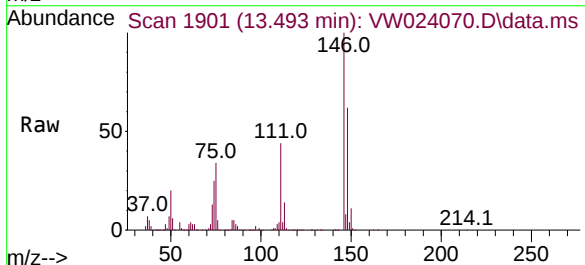
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

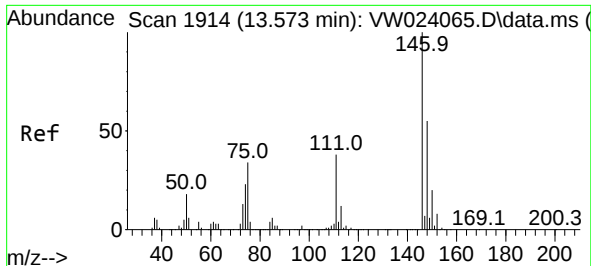
Tgt Ion:105 Resp: 401128
Ion Ratio Lower Upper
105 100
120 44.6 36.1 54.1



#64
1,3-Dichlorobenzene
Concen: 22.227 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion:146 Resp: 206101
Ion Ratio Lower Upper
146 100
111 43.6 26.4 49.0
148 61.7 41.4 77.0

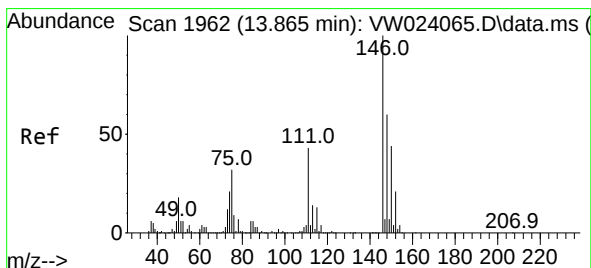
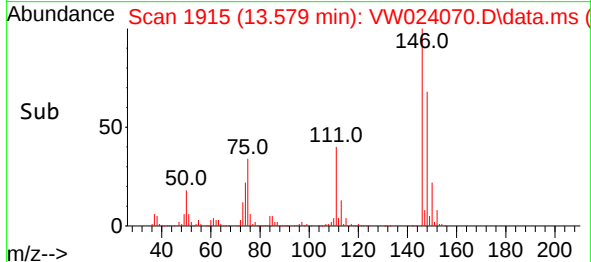
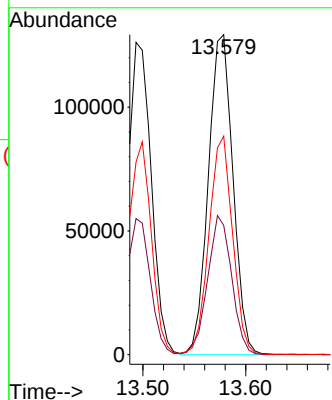
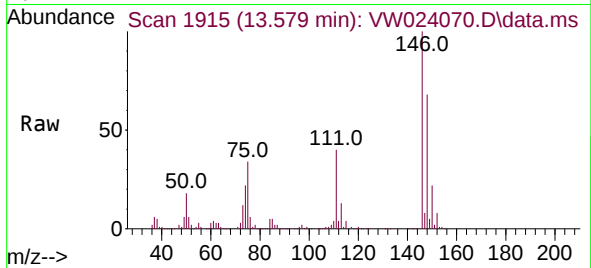




#65
1,4-Dichlorobenzene
Concen: 21.876 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

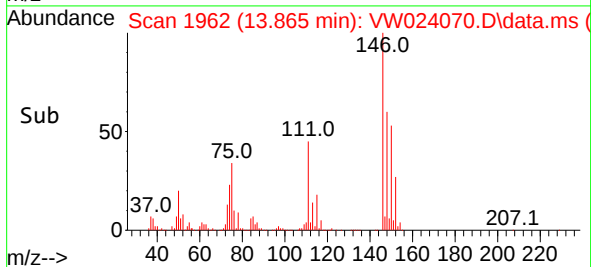
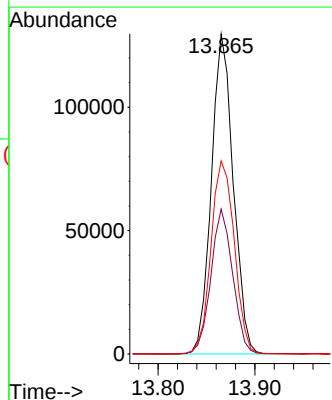
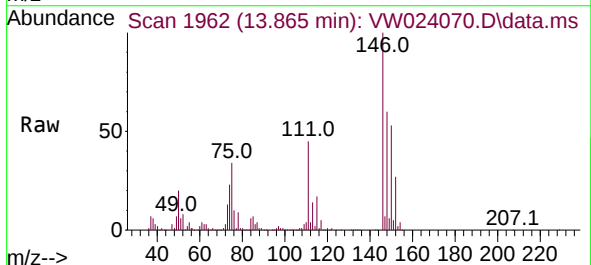
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

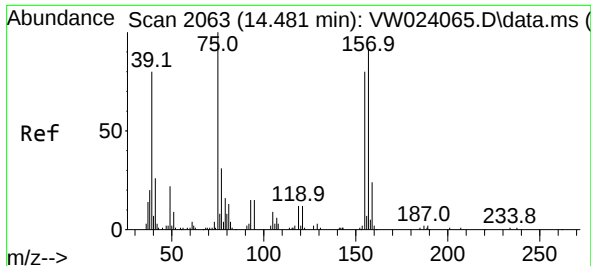
Tgt Ion:146 Resp: 215331
Ion Ratio Lower Upper
146 100
111 40.4 27.9 51.9
148 68.3 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 23.547 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion:146 Resp: 204230
Ion Ratio Lower Upper
146 100
111 45.2 33.9 50.9
148 60.3 53.0 79.6

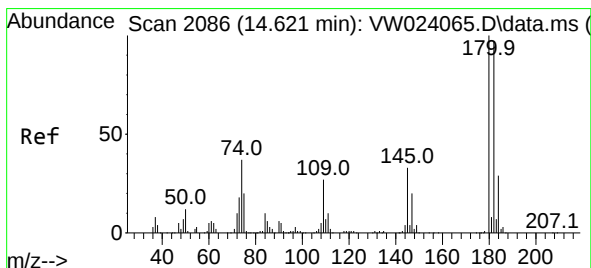
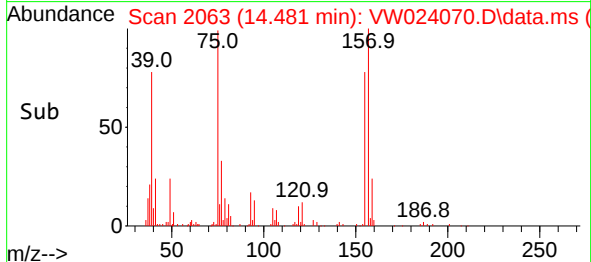
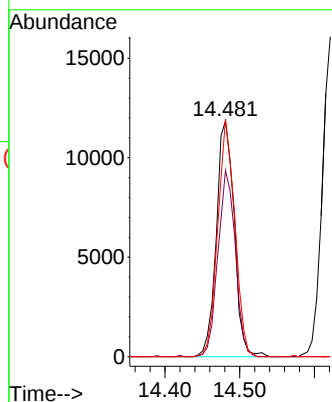
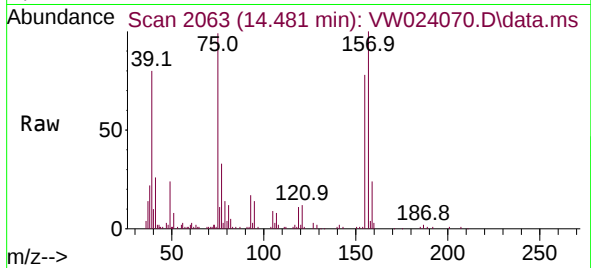




#68
1,2-Dibromo-3-chloropropane
Concen: 25.558 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

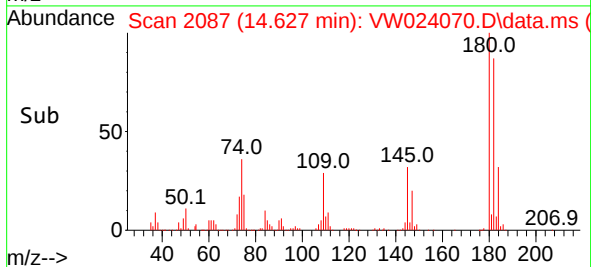
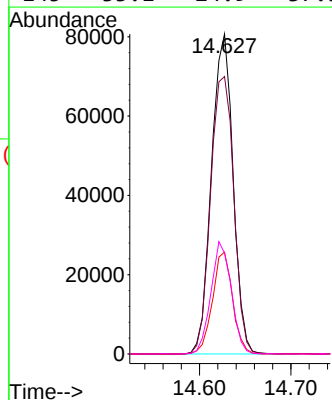
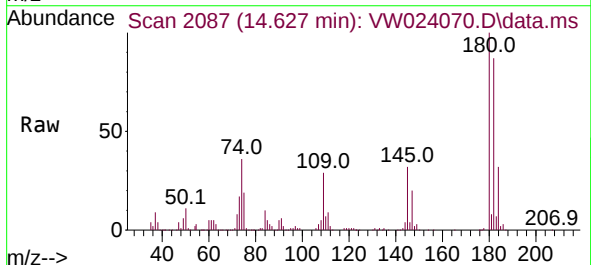
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

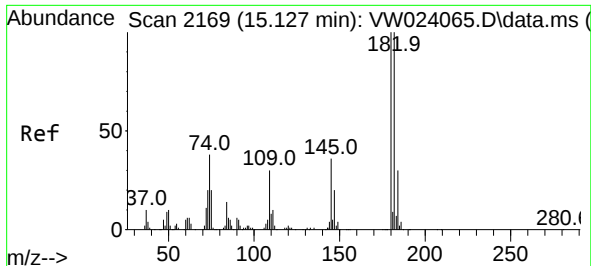
Tgt Ion:	75	Resp:	19647
Ion Ratio	Lower	Upper	
75	100		
155	79.0	58.6	88.0
157	100.8	64.0	96.0



#69
1,3,5-Trichlorobenzene
Concen: 22.433 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion:	180	Resp:	132647
Ion Ratio	Lower	Upper	
180	100		
182	93.0	73.9	110.9
184	29.7	23.5	35.3
145	33.1	24.9	37.3

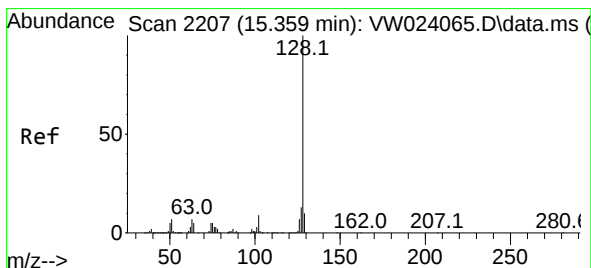
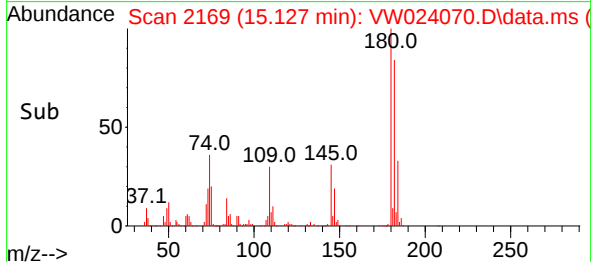
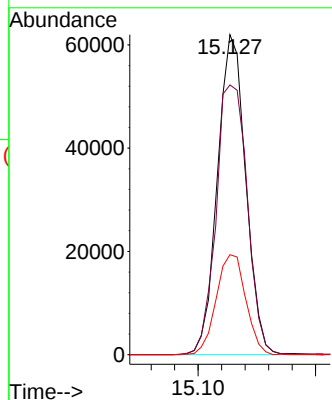
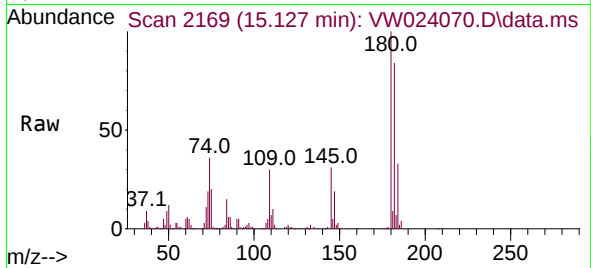




#70
1,2,4-trichlorobenzene
Concen: 23.125 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

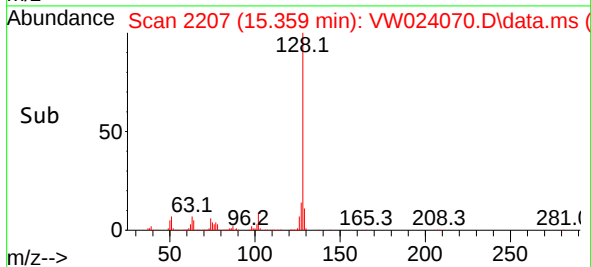
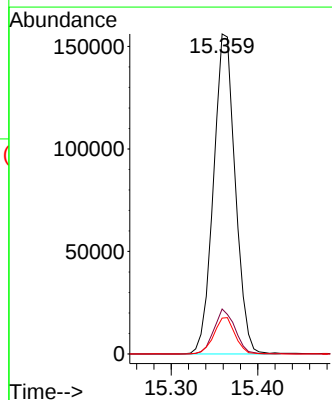
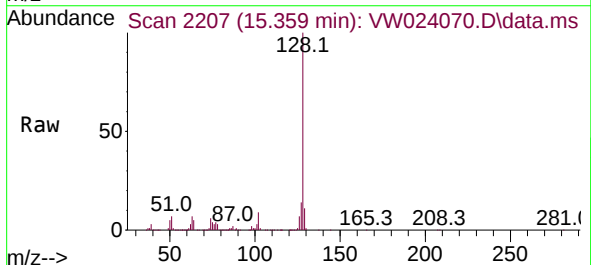
Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

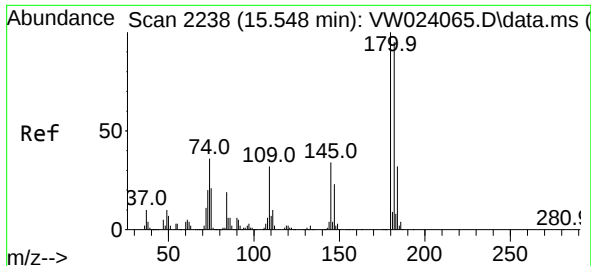
Tgt Ion:180 Resp: 103606
Ion Ratio Lower Upper
180 100
182 93.3 72.0 108.0
145 32.6 24.9 37.3



#71
Naphthalene
Concen: 28.420 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024070.D
Acq: 25 Jul 2022 16:06

Tgt Ion:128 Resp: 272463
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.1 9.3 13.9





#72
 1,2,3-Trichlorobenzene
 Concen: 24.149 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024070.D
 Acq: 25 Jul 2022 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	77.8	116.8
145	34.4	27.6	41.4

