

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024037.D
 Acq On : 23 Jul 2022 07:26
 Operator : SY/VA
 Sample : N3795-02MS
 Misc : 6.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUL9MS

Quant Time: Jul 24 00:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	297378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	301515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	158476	20.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
7) Chloroethane-d5	2.873	69	111933	22.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	4.013	63	137725	22.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.080%
21) 2-Butanone-d5	7.073	46	45995	39.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.080%
24) Chloroform-d	7.640	84	216441	24.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	8.305	65	114667	21.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	8.268	84	400315	25.541	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.268	67	118402	25.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.323	98	398930	25.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	10.573	79	50549	22.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.920	63	42110	42.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123229	23.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.852	152	150951	24.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32138	15.903	ug/L	95
3) Chloromethane	2.214	50	109410	22.108	ug/L	99
5) Vinyl chloride	2.355	62	196951	23.176	ug/L	98
6) Bromomethane	2.769	94	109241	19.874	ug/L	95
8) Chloroethane	2.909	64	88156	22.174	ug/L	99
9) Trichlorofluoromethane	3.245	101	97221	25.168	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.055	101	88497	23.409	ug/L	99
12) 1,1-Dichloroethene	4.031	96	72218	22.909	ug/L	93
13) Acetone	4.116	43	24448	29.352	ug/L	99
14) Carbon disulfide	4.379	76	173998	18.764	ug/L	99
15) Methyl Acetate	4.671	43	32020	17.176	ug/L	99
16) Methylene chloride	4.909	84	91002	19.570	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	86820	22.700	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	129049	21.809	ug/L	98
19) 1,1-Dichloroethane	6.208	63	178294	25.272	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	103016	24.312	ug/L #	97
22) 2-Butanone	7.165	43	43744	31.957	ug/L	98
23) Bromochloromethane	7.506	128	46259	22.726	ug/L	90
25) Chloroform	7.671	83	202936	24.968	ug/L	93

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 Response via : Initial Calibration

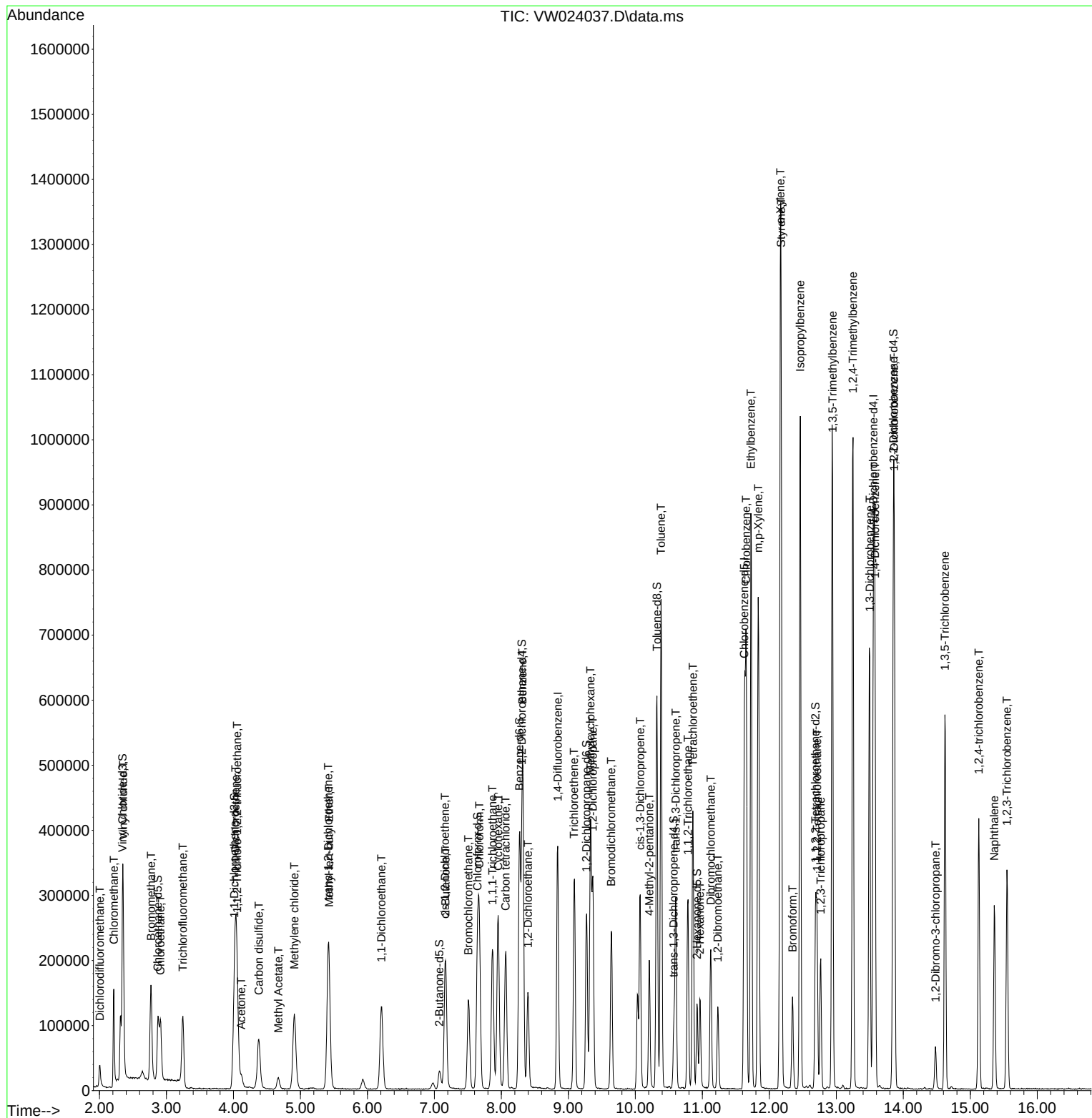
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	132806	22.201	ug/L	98
29) Cyclohexane	7.951	56	131403	23.829	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	167704	25.688	ug/L	98
31) Carbon tetrachloride	8.061	117	152957	25.991	ug/L	100
33) Benzene	8.317	78	429738	25.081	ug/L	100
34) Trichloroethene	9.085	95	108133	23.899	ug/L	93
35) Methylcyclohexane	9.329	83	161509	23.442	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109282	25.440	ug/L	99
38) Bromodichloromethane	9.640	83	156076	26.033	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	167030	25.798	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	118003	39.476	ug/L	98
42) Toluene	10.384	91	524708	26.852	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	154834	25.160	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87208	23.218	ug/L	98
46) Tetrachloroethene	10.859	164	86858	24.827	ug/L	86
48) 2-Hexanone	10.963	43	83849	38.527	ug/L	97
49) Dibromochloromethane	11.127	129	105095	24.127	ug/L	100
50) 1,2-Dibromoethane	11.231	107	79171	21.940	ug/L	96
51) Chlorobenzene	11.652	112	344700	26.155	ug/L	97
52) Ethylbenzene	11.725	91	603324	27.170	ug/L	96
53) m,p-Xylene	11.835	106	234341	27.049	ug/L	100
54) o-Xylene	12.164	106	229033	27.527	ug/L	100
55) Styrene	12.176	104	409623	27.868	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.712	83	111481	21.760	ug/L	99
59) Bromoform	12.347	173	57676	22.617	ug/L	98
60) Isopropylbenzene	12.463	105	635338	27.348	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	77287	20.381	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	519416	27.310	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	527358	27.733	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	278901	26.442	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	270378	24.094	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249531	25.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	15647	17.890	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	161770	23.171	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	118970	22.068	ug/L	96
71) Naphthalene	15.358	128	227948	19.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	107395	21.373	ug/L	94

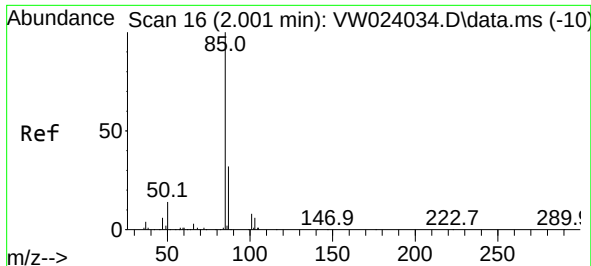
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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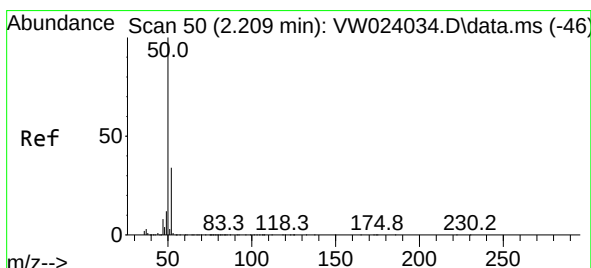
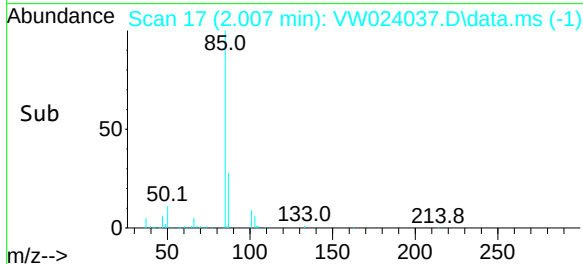
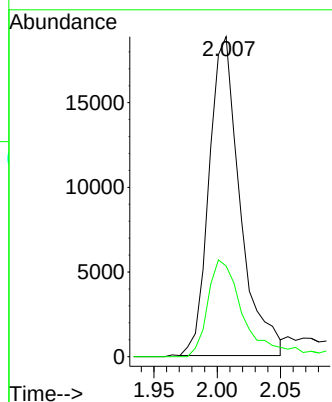
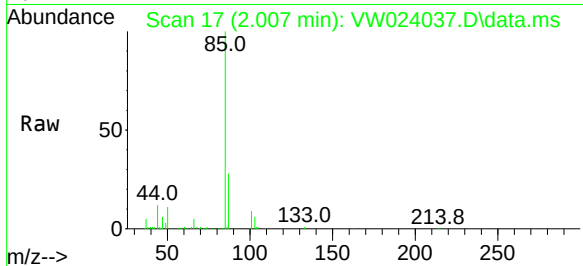




#2
Dichlorodifluoromethane
Concen: 15.903 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

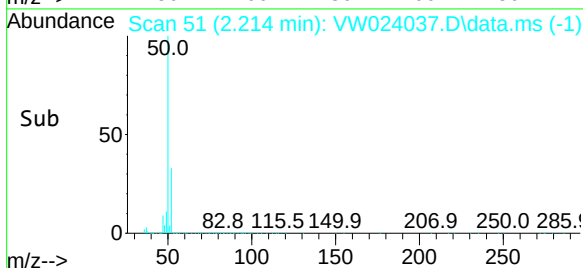
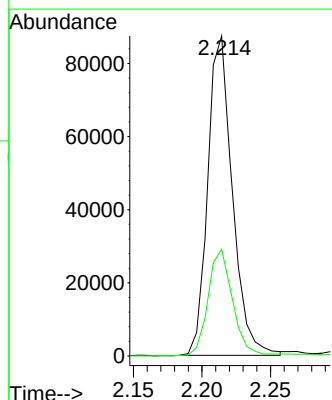
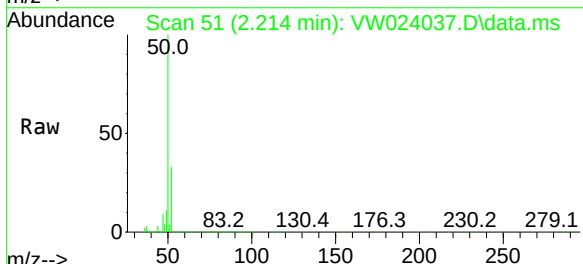
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ClientSampleId :
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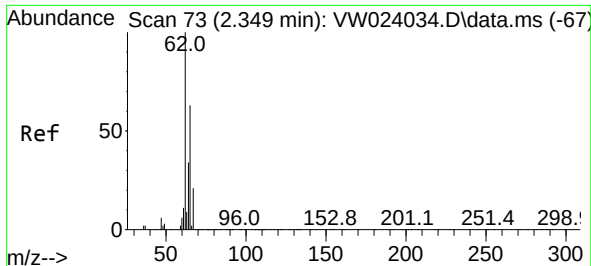
Tgt Ion: 85 Resp: 32138
Ion Ratio Lower Upper
85 100
87 33.7 24.7 37.1



#3
Chloromethane
Concen: 22.108 ug/L
RT: 2.214 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 50 Resp: 109410
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

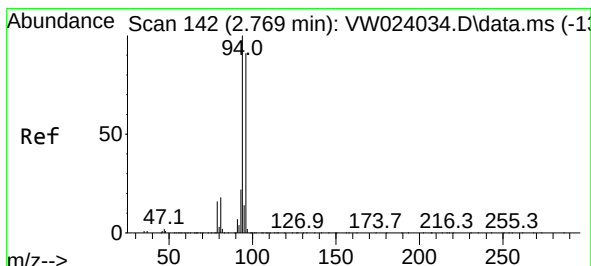
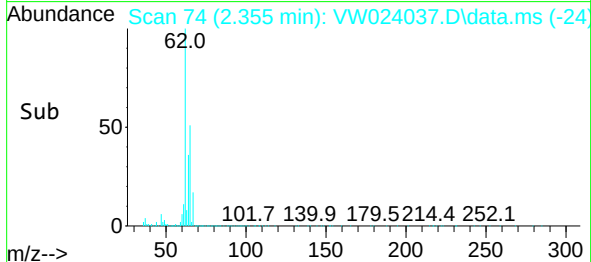
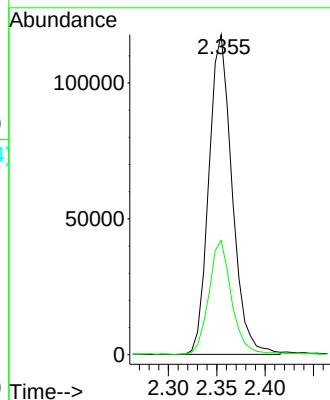
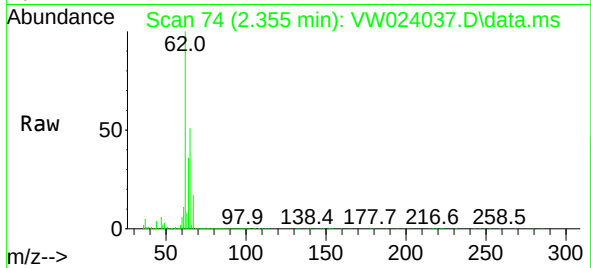




#5
 Vinyl chloride
 Concen: 23.176 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024037.D
 Acq: 23 Jul 2022 07:26

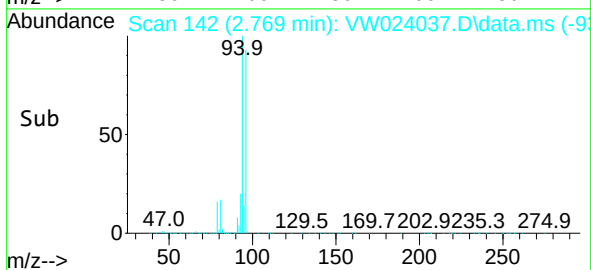
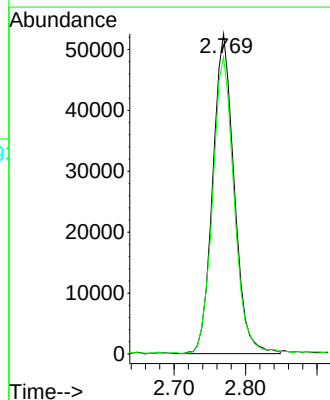
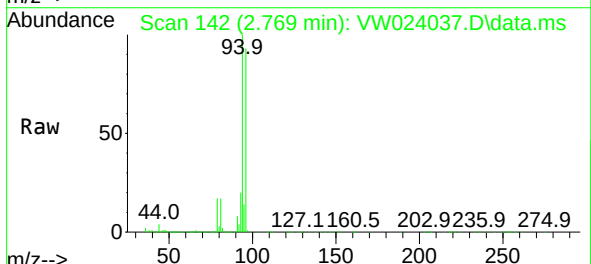
Instrument :
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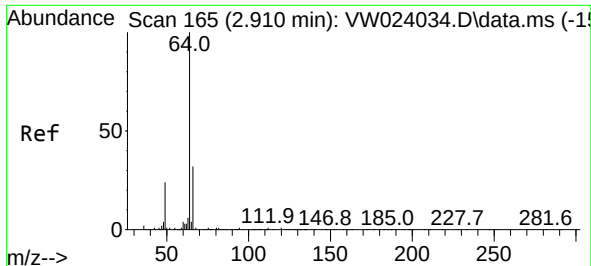
Tgt Ion: 62 Resp: 196951
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.0 44.6



#6
 Bromomethane
 Concen: 19.874 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024037.D
 Acq: 23 Jul 2022 07:26

Tgt Ion: 94 Resp: 109241
 Ion Ratio Lower Upper
 94 100
 96 92.8 68.2 126.6

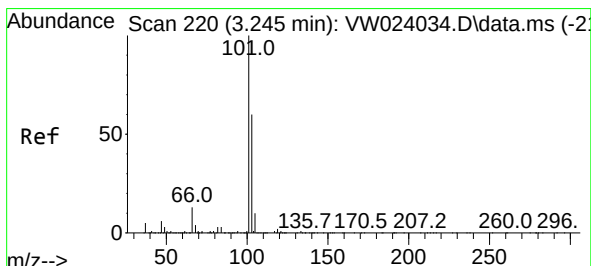
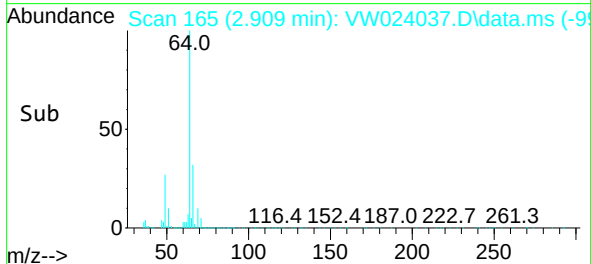
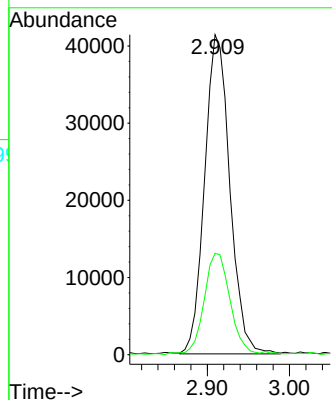
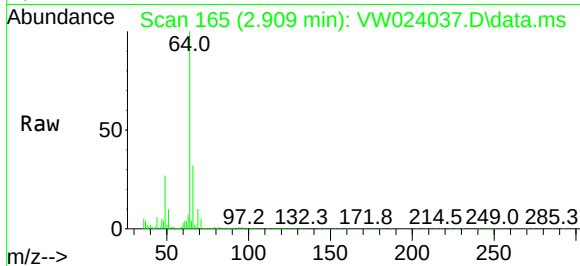




#8
Chloroethane
Concen: 22.174 ug/L
RT: 2.909 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

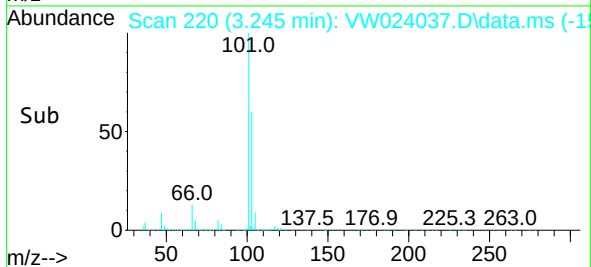
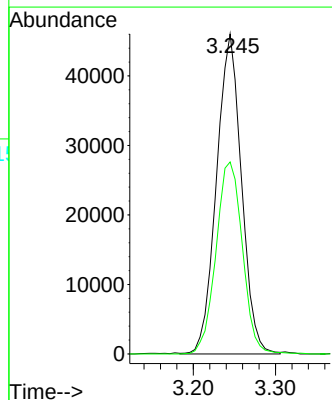
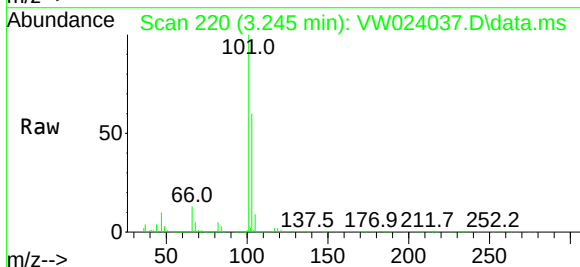
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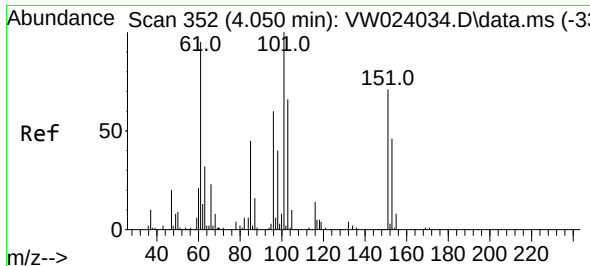
Tgt Ion: 64 Resp: 88156
Ion Ratio Lower Upper
64 100
66 31.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 25.168 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 101 Resp: 97221
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1

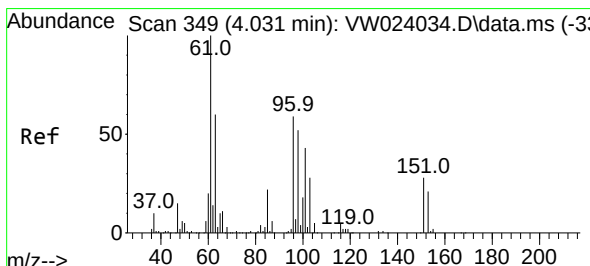
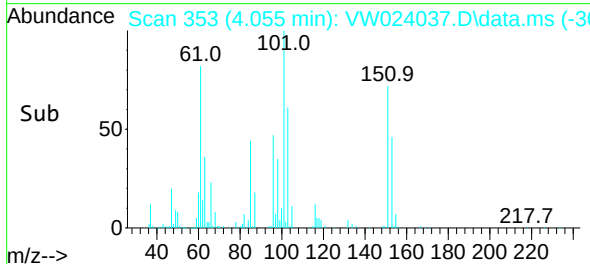
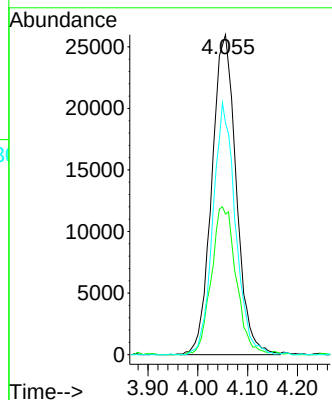
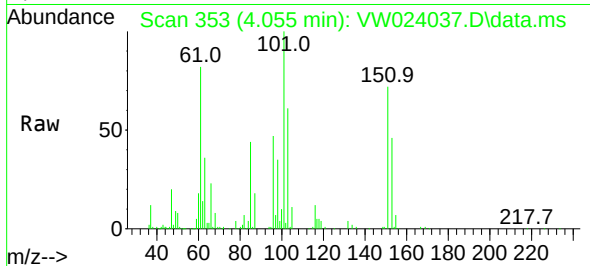




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.409 ug/L
 RT: 4.055 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW024037.D
 Acq: 23 Jul 2022 07:26

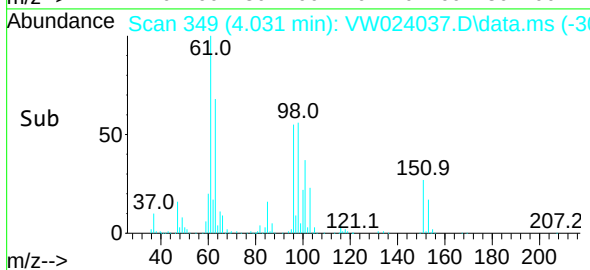
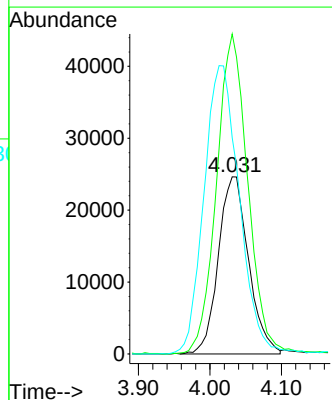
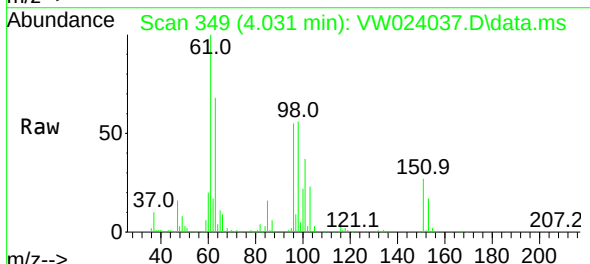
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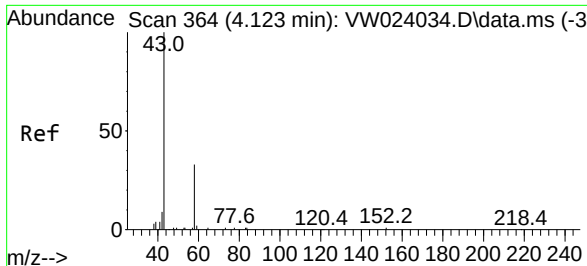
Tgt Ion:101 Resp: 88497
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.6 56.4
 151 72.5 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 22.909 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024037.D
 Acq: 23 Jul 2022 07:26

Tgt Ion: 96 Resp: 72218
 Ion Ratio Lower Upper
 96 100
 61 180.7 125.4 232.8
 63 122.2 97.4 180.8

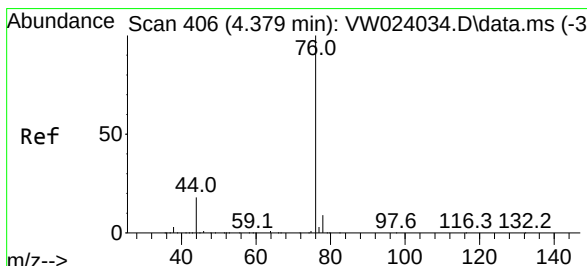
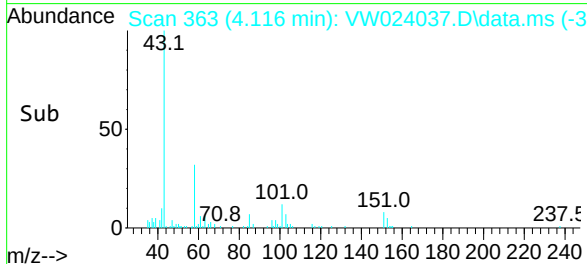
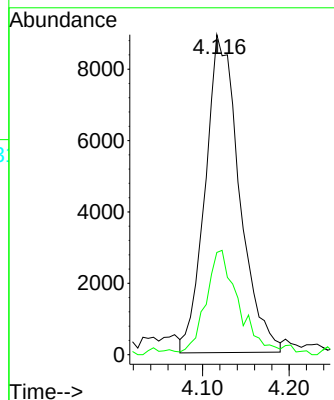
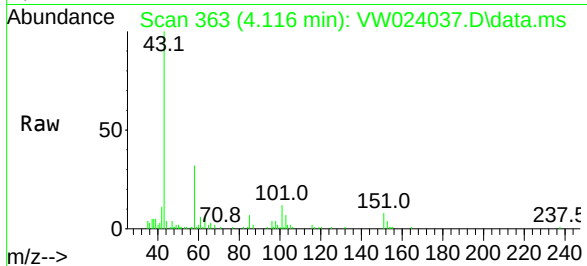




#13
Acetone
Concen: 29.352 ug/L
RT: 4.116 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

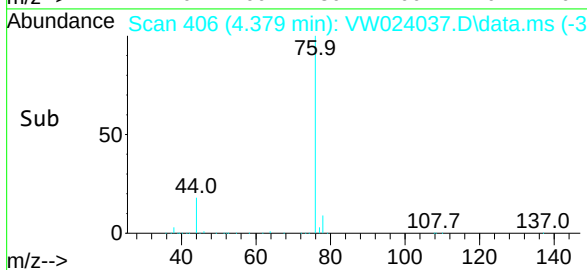
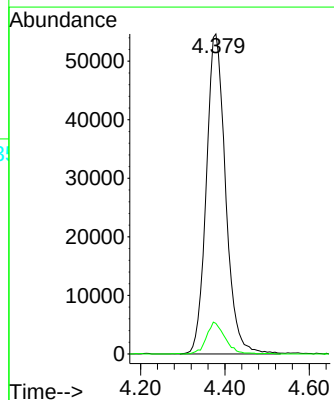
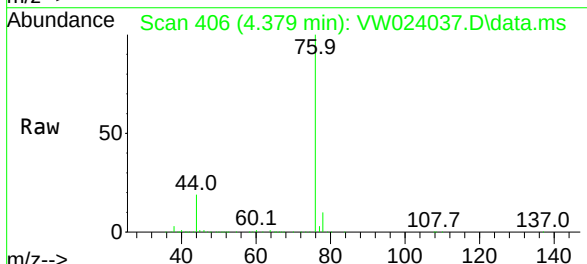
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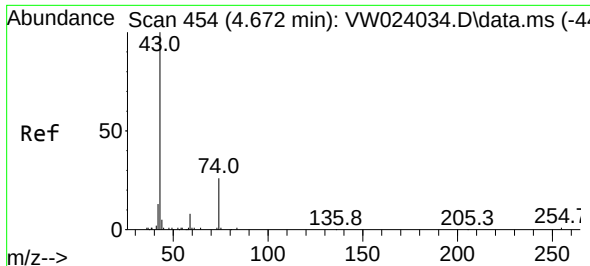
Tgt Ion: 43 Resp: 24448
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.2



#14
Carbon disulfide
Concen: 18.764 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 173998
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

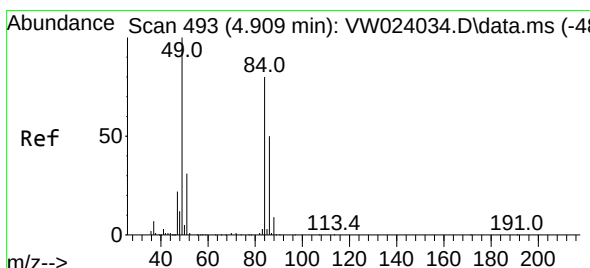
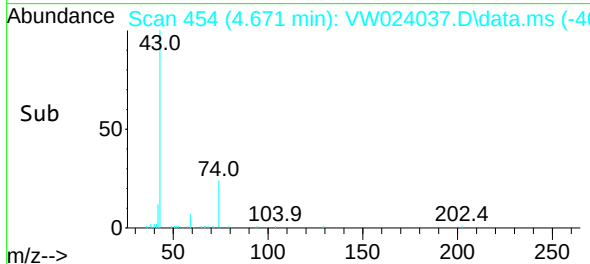
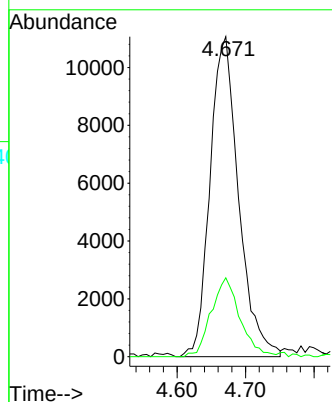
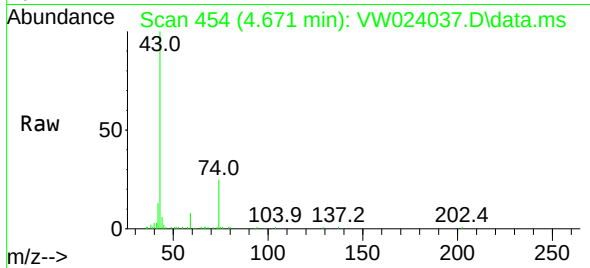




#15
Methyl Acetate
Concen: 17.176 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

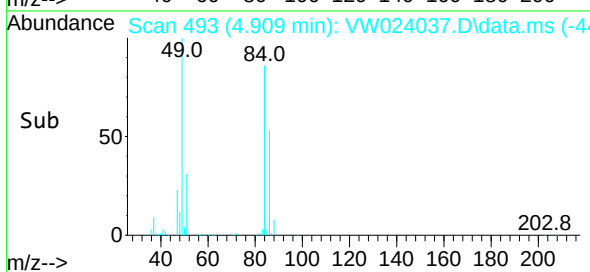
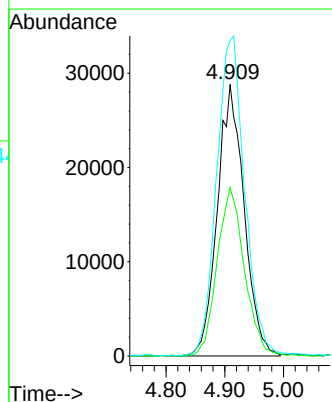
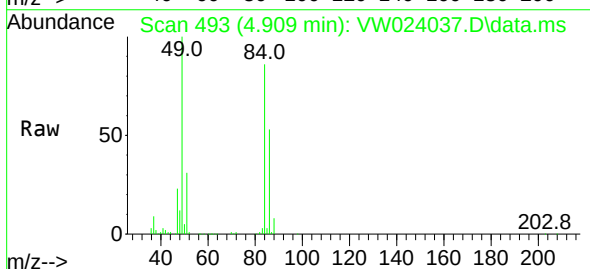
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

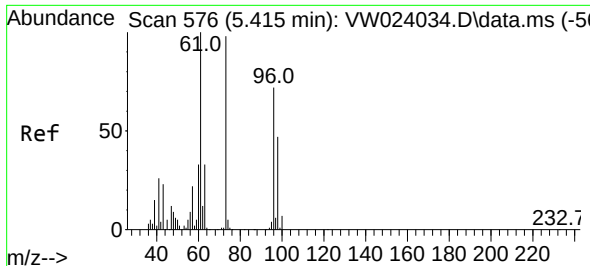
Tgt Ion: 43 Resp: 32020
Ion Ratio Lower Upper
43 100
74 24.5 20.0 30.0



#16
Methylene chloride
Concen: 19.570 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 84 Resp: 91002
Ion Ratio Lower Upper
84 100
86 62.0 42.8 79.6
49 116.2 85.4 158.6

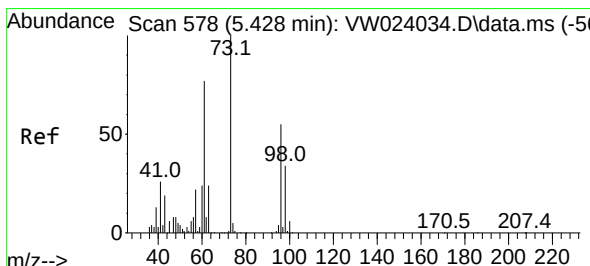
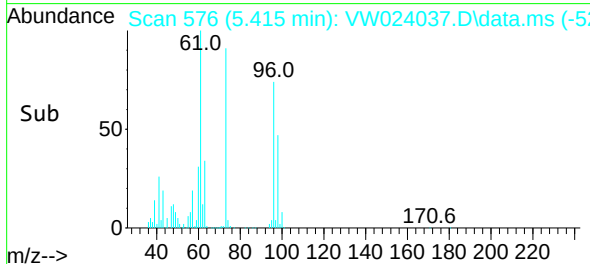
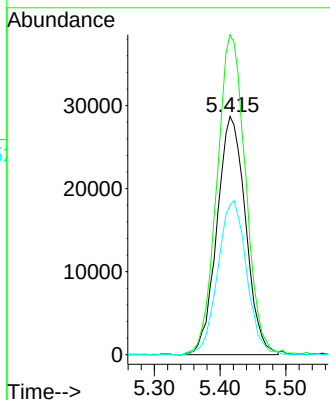
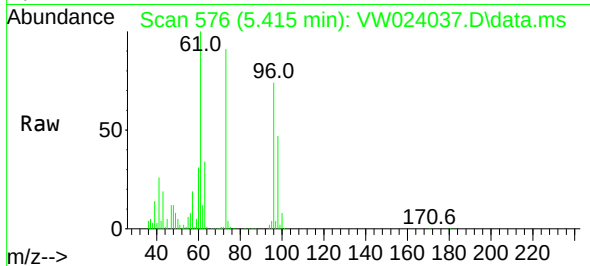




#17
trans-1,2-Dichloroethene
Concen: 22.700 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

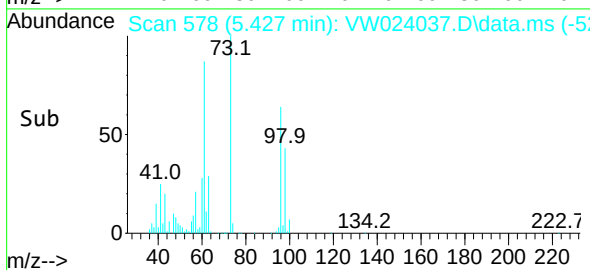
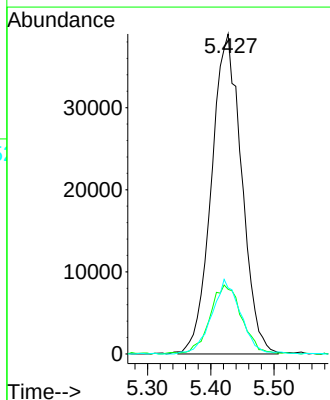
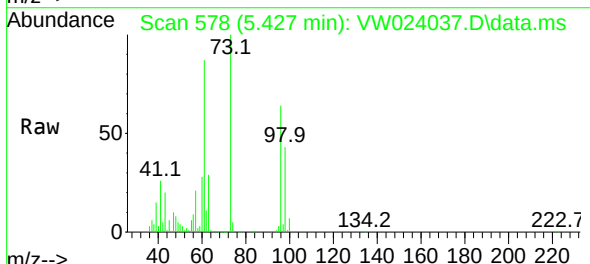
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

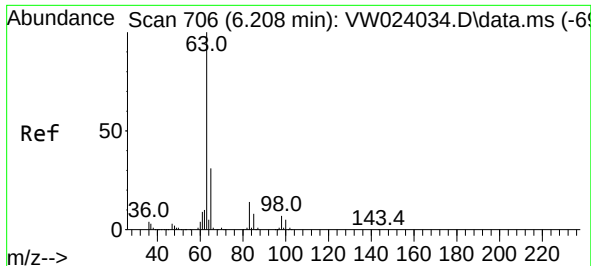
Tgt Ion: 96 Resp: 86820
Ion Ratio Lower Upper
96 100
61 134.4 90.8 168.6
98 62.7 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 21.809 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 73 Resp: 129049
Ion Ratio Lower Upper
73 100
43 22.4 17.6 26.4
57 22.1 16.8 25.2

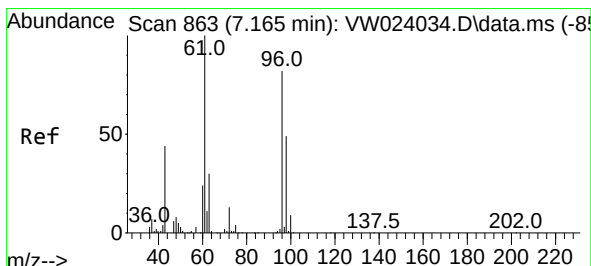
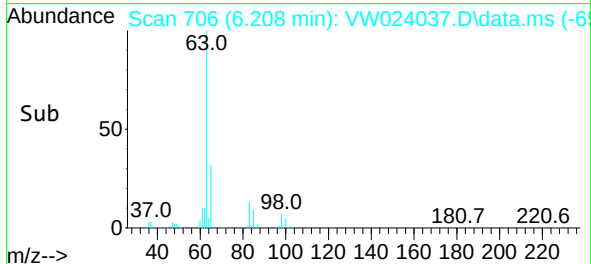
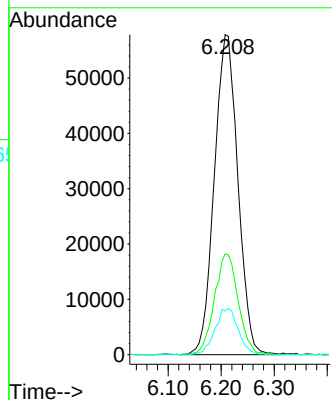
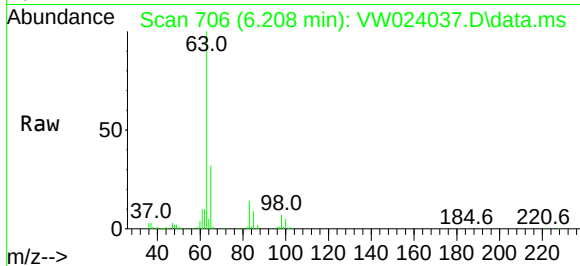




#19
1,1-Dichloroethane
Concen: 25.272 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

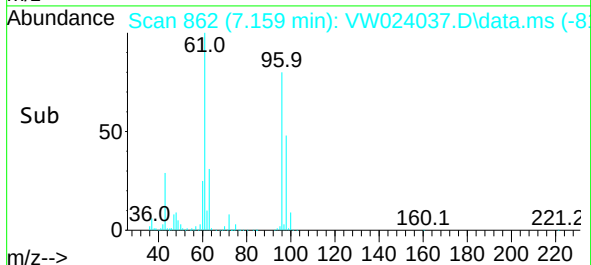
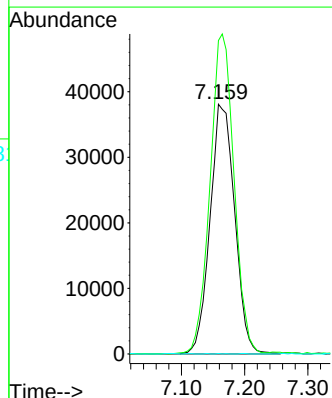
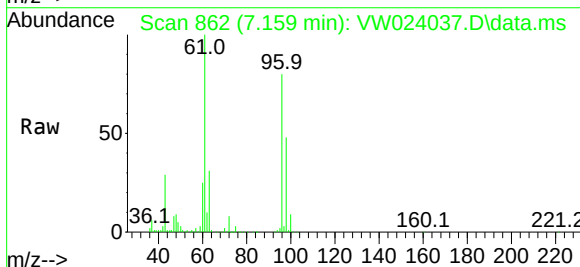
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

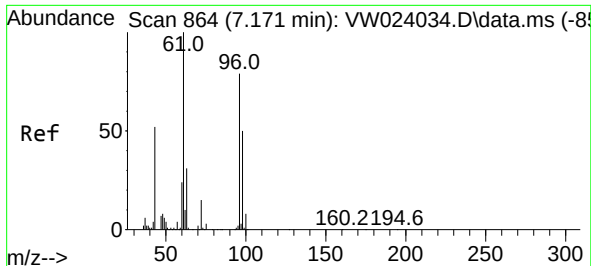
Tgt Ion: 63 Resp: 178294
Ion Ratio Lower Upper
63 100
65 31.5 22.7 42.1
83 13.6 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 24.312 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 96 Resp: 103016
Ion Ratio Lower Upper
96 100
61 125.5 90.6 168.2
68 0.2 0.2 0.4

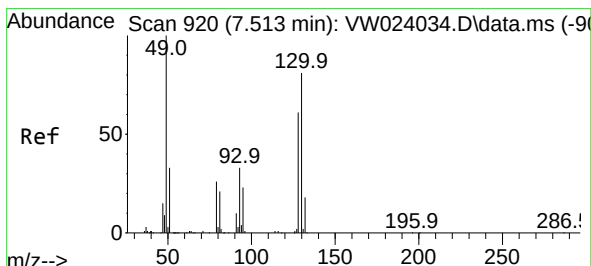
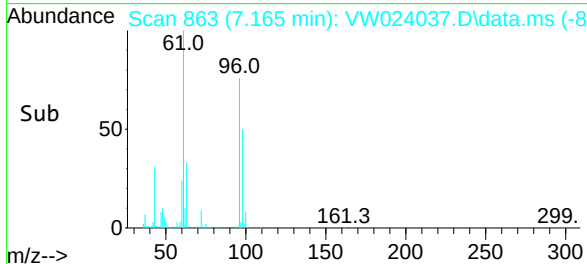
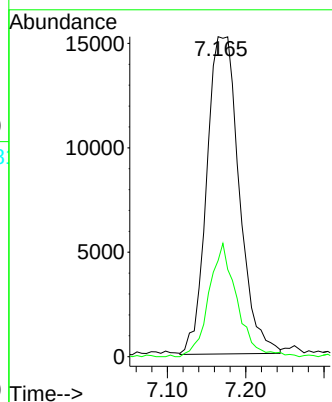
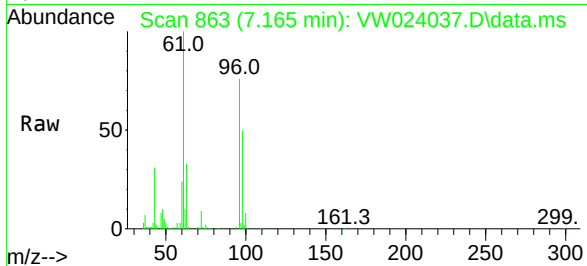




#22
2-Butanone
Concen: 31.957 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

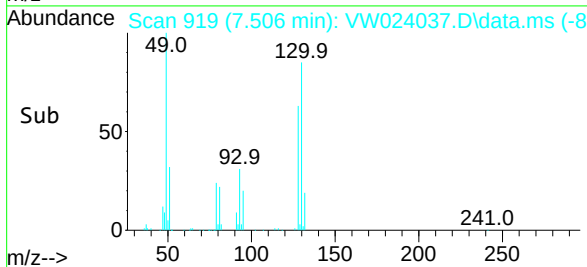
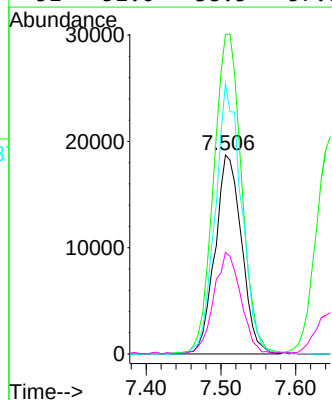
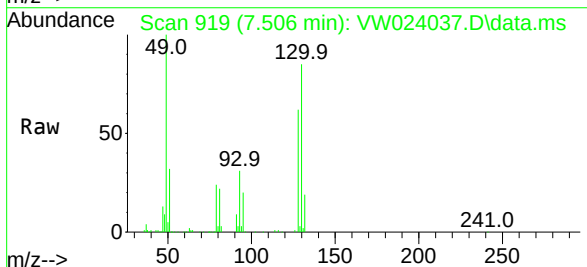
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

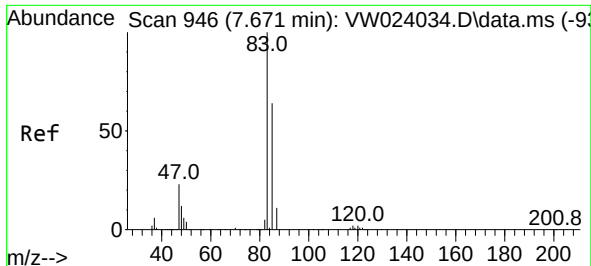
Tgt Ion: 43 Resp: 43744
Ion Ratio Lower Upper
43 100
72 30.6 14.7 44.1



#23
Bromochloromethane
Concen: 22.726 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 128 Resp: 46259
Ion Ratio Lower Upper
128 100
49 160.4 106.0 196.8
130 135.9 83.2 154.4
51 51.0 38.5 57.7

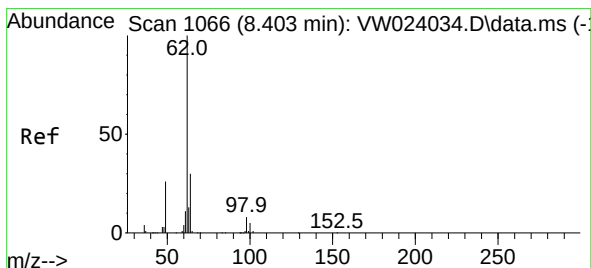
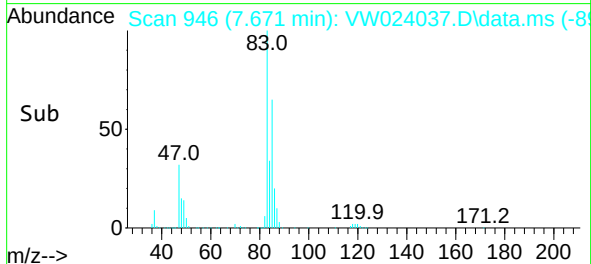
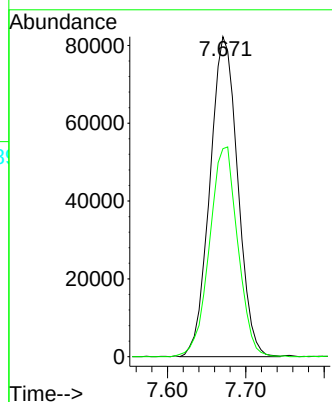
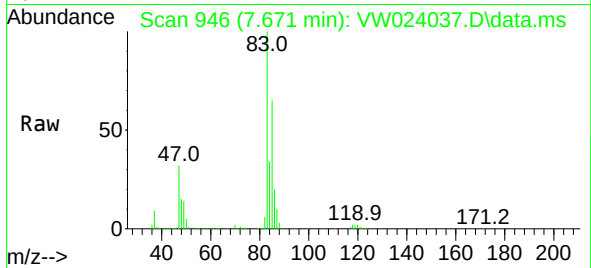




#25
Chloroform
Concen: 24.968 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

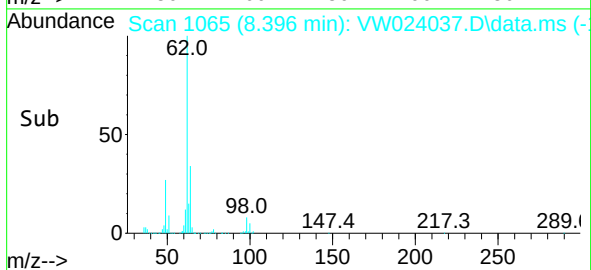
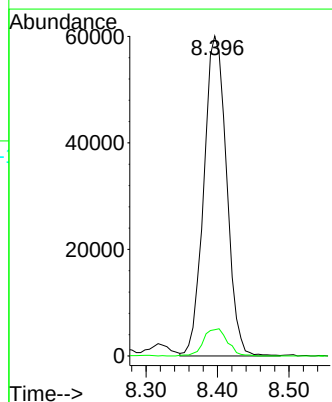
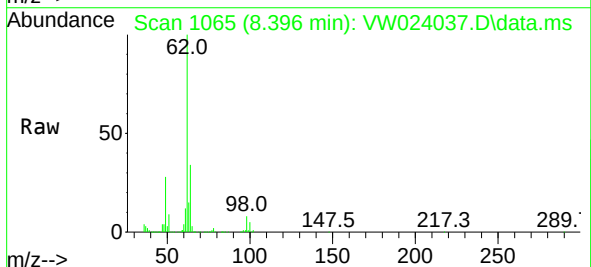
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

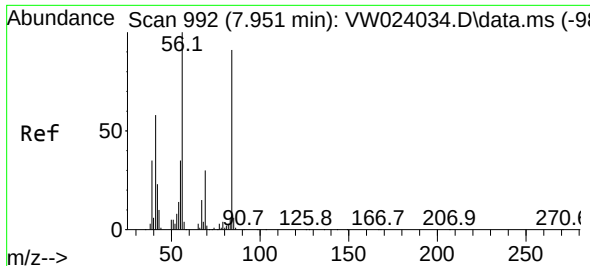
Tgt Ion: 83 Resp: 202936
Ion Ratio Lower Upper
83 100
85 65.0 41.9 77.9



#27
1,2-Dichloroethane
Concen: 22.201 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 62 Resp: 132806
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8





#29

Cyclohexane

Concen: 23.829 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

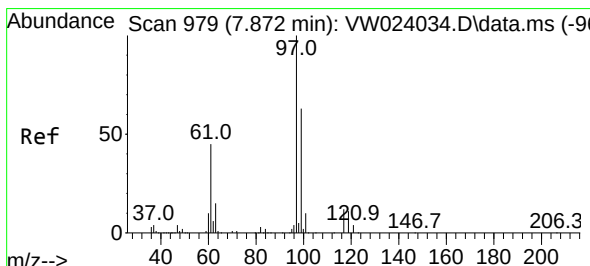
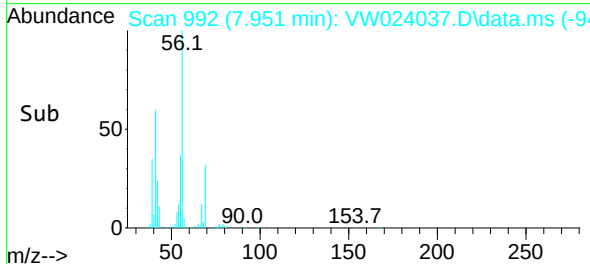
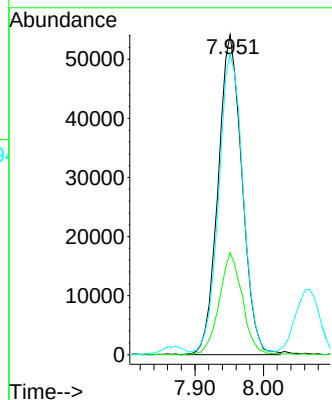
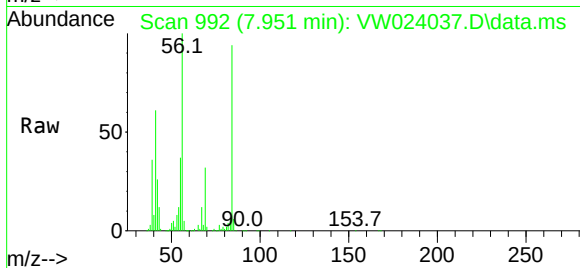
Tgt Ion: 56 Resp: 131403

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 95.6 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 25.688 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

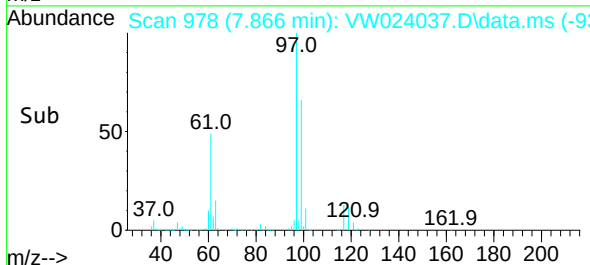
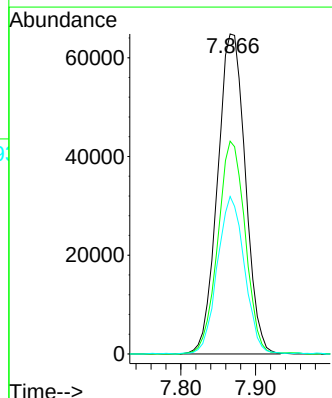
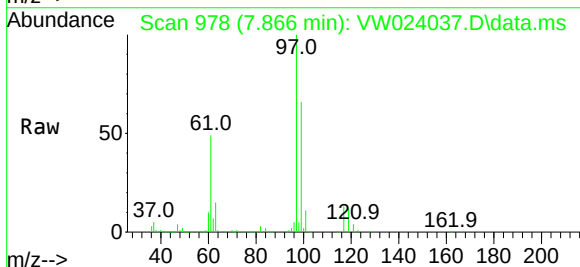
Tgt Ion: 97 Resp: 167704

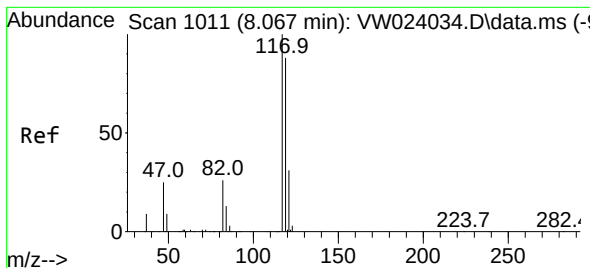
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.6

61 48.1 37.5 56.3





#31

Carbon tetrachloride

Concen: 25.991 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

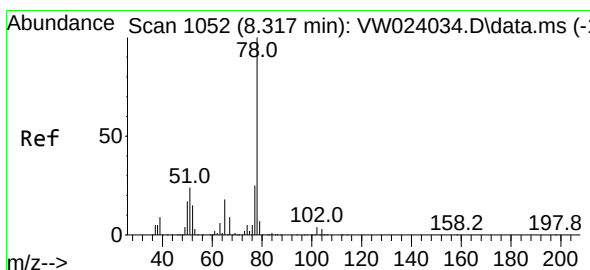
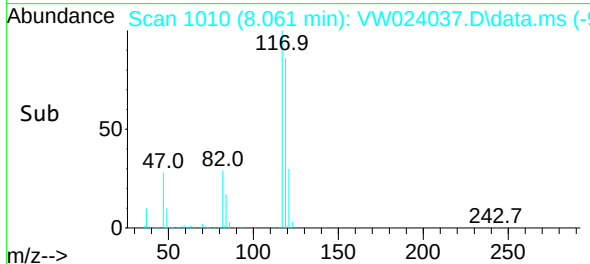
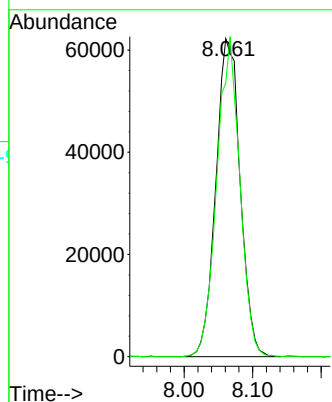
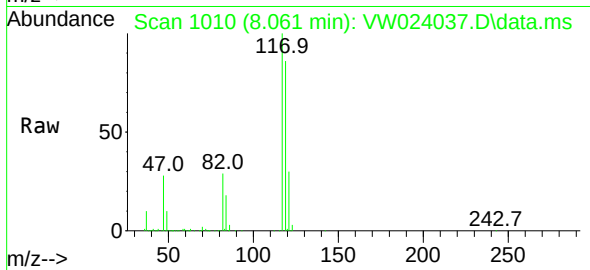
DBUL9MS

Tgt Ion:117 Resp: 152957

Ion Ratio Lower Upper

117 100

119 95.0 75.7 113.5



#33

Benzene

Concen: 25.081 ug/L

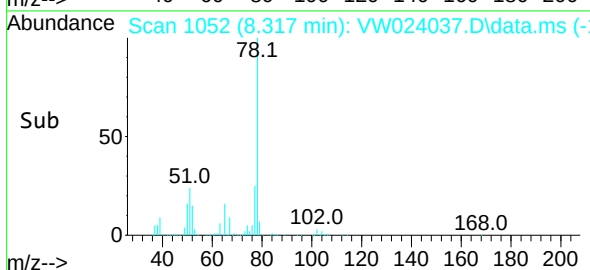
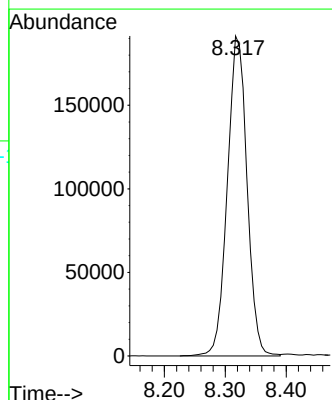
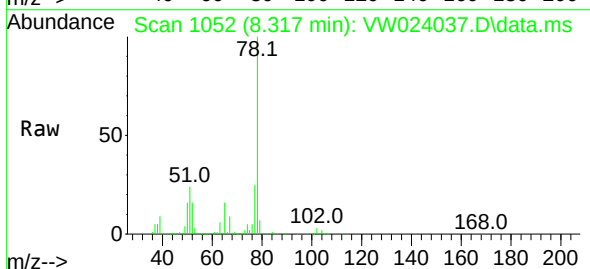
RT: 8.317 min Scan# 1052

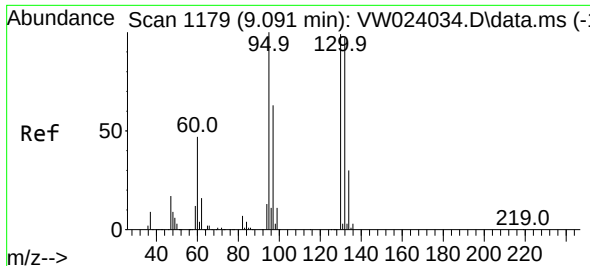
Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Tgt Ion: 78 Resp: 429738

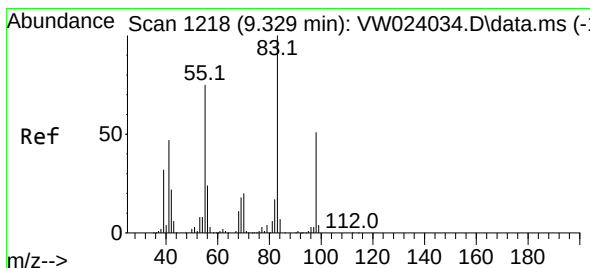
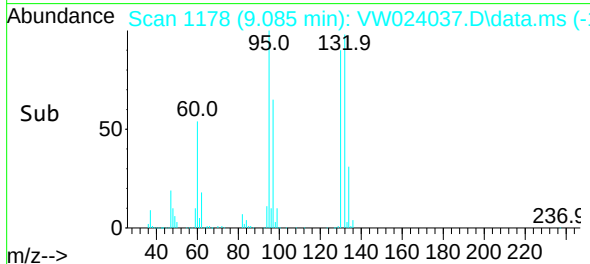
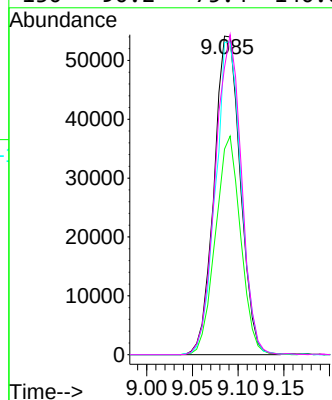
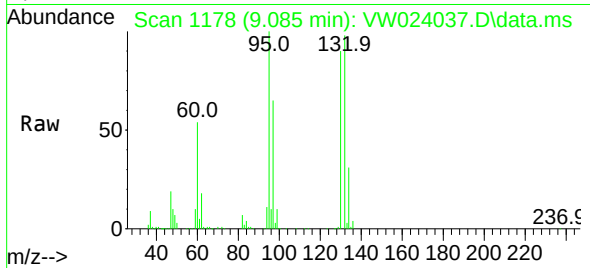




#34
Trichloroethene
Concen: 23.899 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

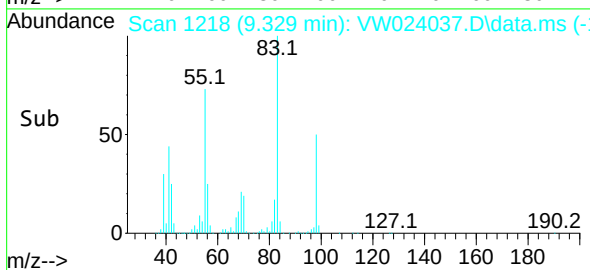
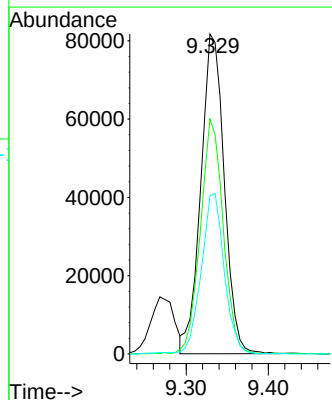
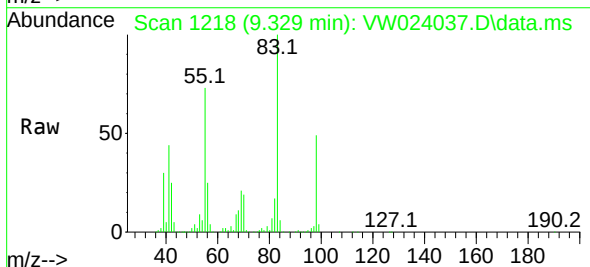
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

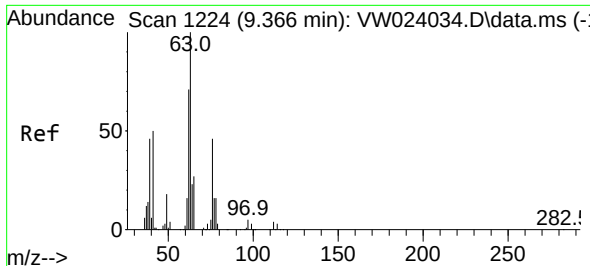
Tgt Ion: 95 Resp: 108133
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 98.0 69.9 129.7
130 90.2 75.4 140.0



#35
Methylcyclohexane
Concen: 23.442 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 83 Resp: 161509
Ion Ratio Lower Upper
83 100
55 71.8 60.8 91.2
98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 25.440 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

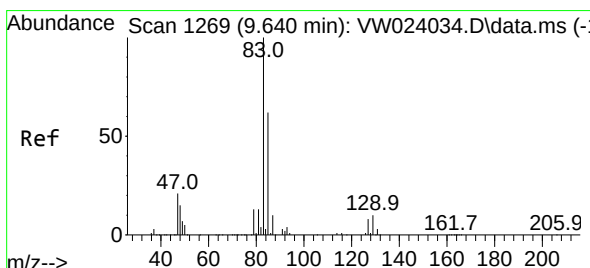
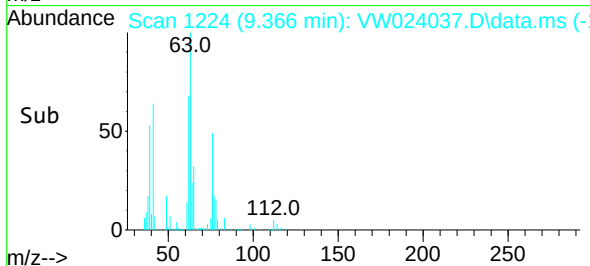
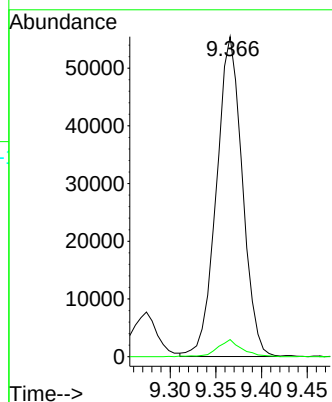
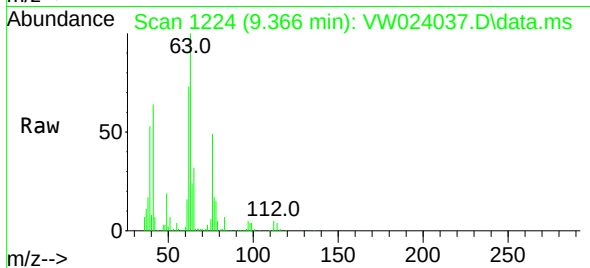
DBUL9MS

Tgt Ion: 63 Resp: 109282

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 26.033 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

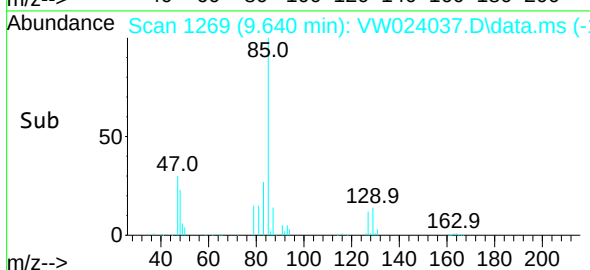
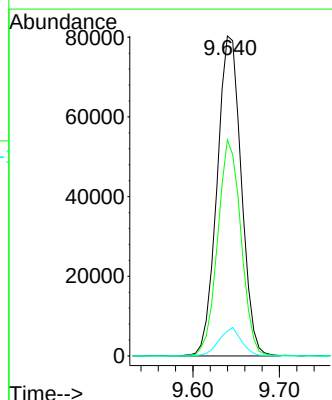
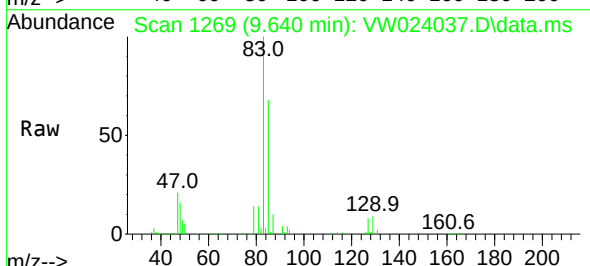
Tgt Ion: 83 Resp: 156076

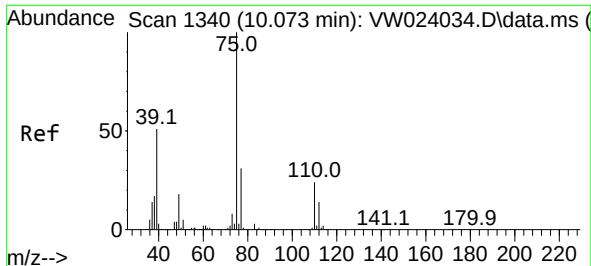
Ion Ratio Lower Upper

83 100

85 67.6 45.5 84.5

127 7.8 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.798 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

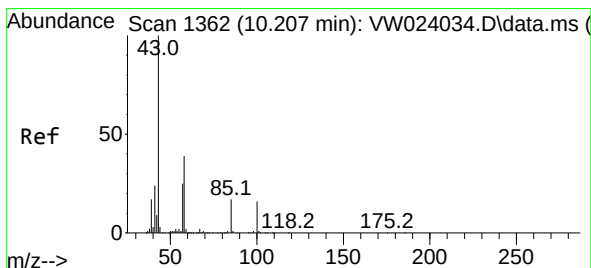
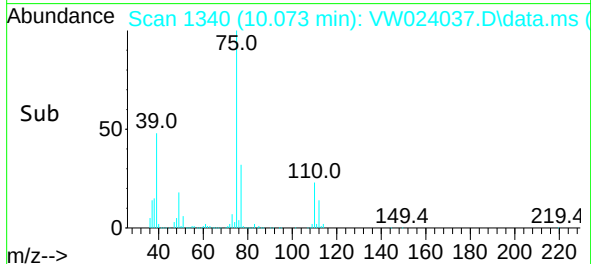
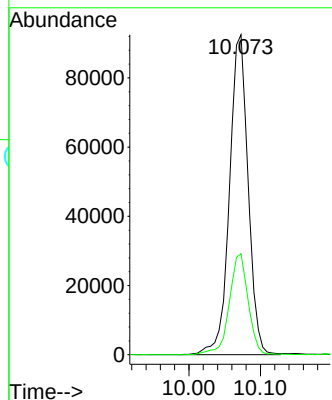
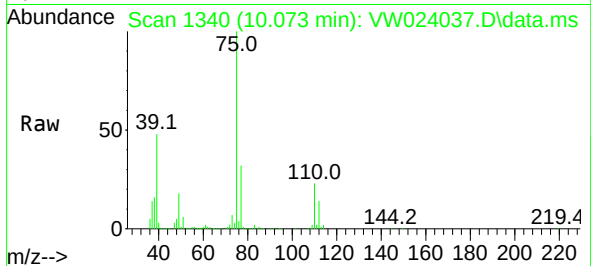
DBUL9MS

Tgt Ion: 75 Resp: 167030

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 39.476 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

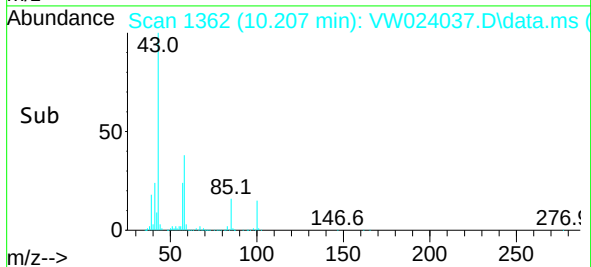
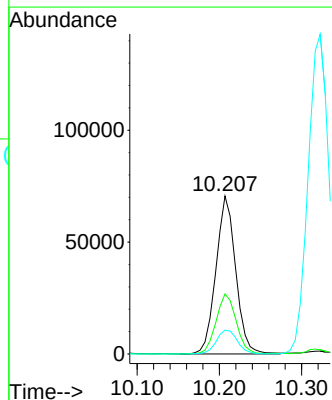
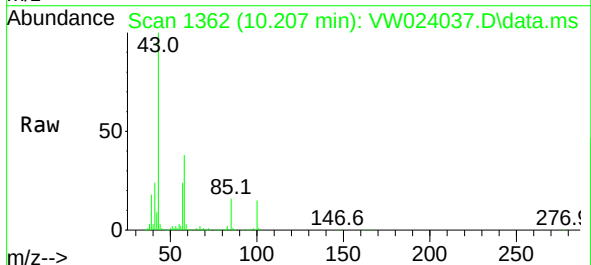
Tgt Ion: 43 Resp: 118003

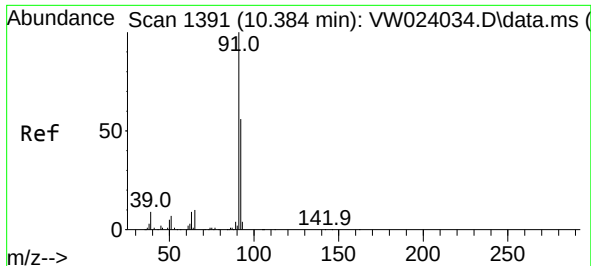
Ion Ratio Lower Upper

43 100

58 38.8 29.8 44.8

100 16.2 13.0 19.4

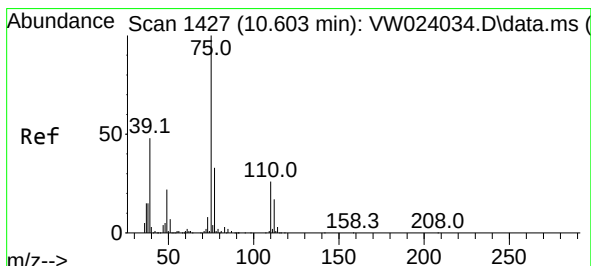
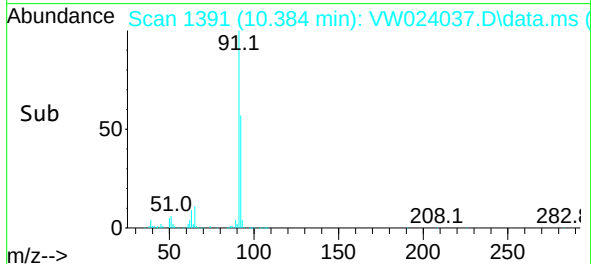
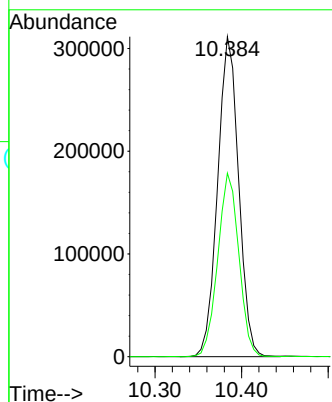
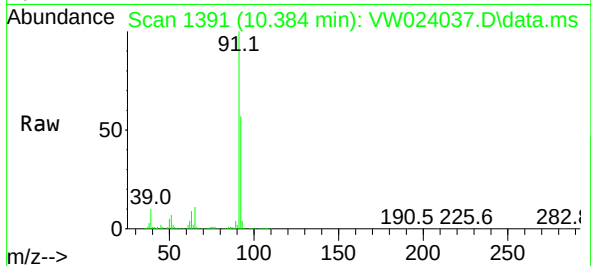




#42
Toluene
Concen: 26.852 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

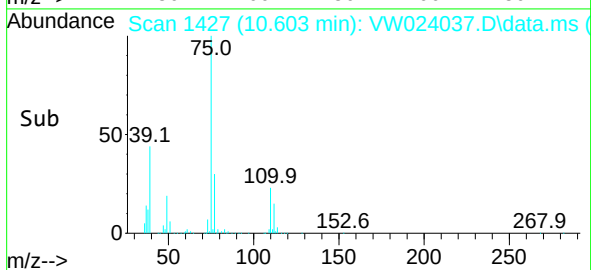
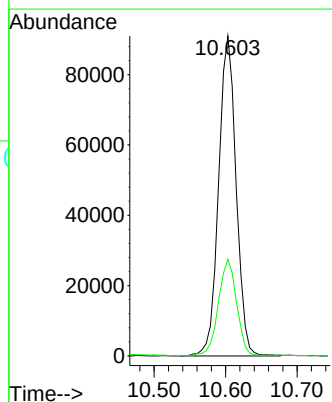
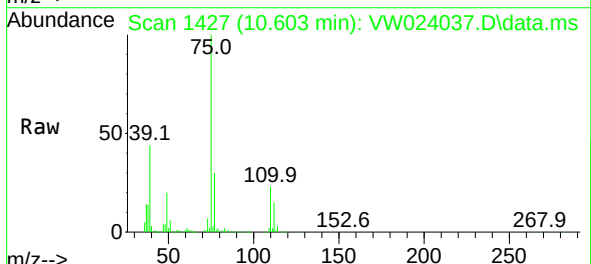
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

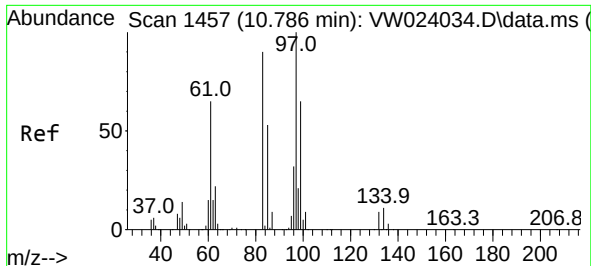
Tgt Ion: 91 Resp: 524708
Ion Ratio Lower Upper
91 100
92 57.3 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 25.160 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 75 Resp: 154834
Ion Ratio Lower Upper
75 100
77 30.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 23.218 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

Tgt Ion: 97 Resp: 87208

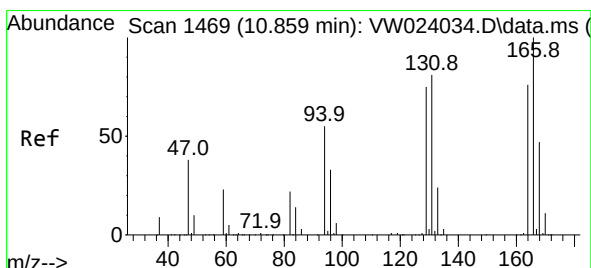
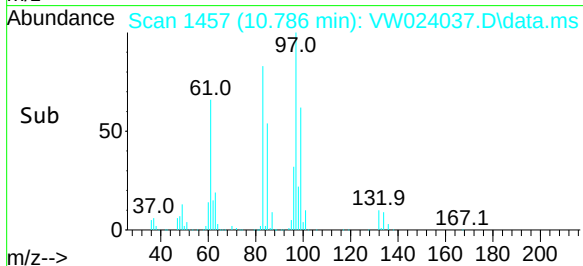
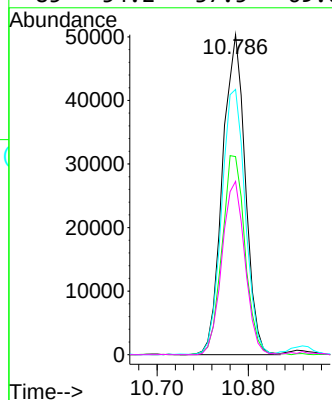
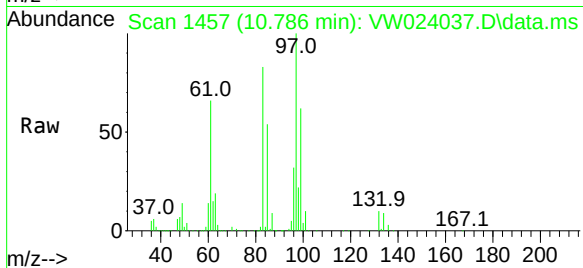
Ion Ratio Lower Upper

97 100

99 61.9 44.2 82.2

83 82.9 59.8 111.0

85 54.2 37.5 69.6



#46

Tetrachloroethene

Concen: 24.827 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Tgt Ion:164 Resp: 86858

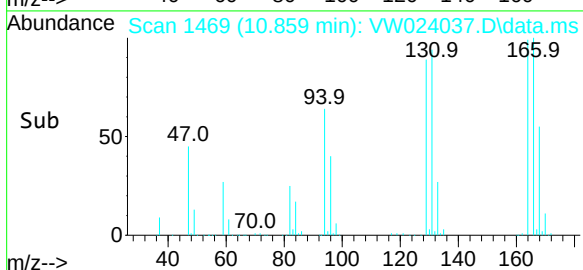
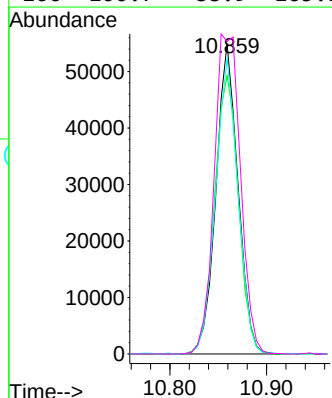
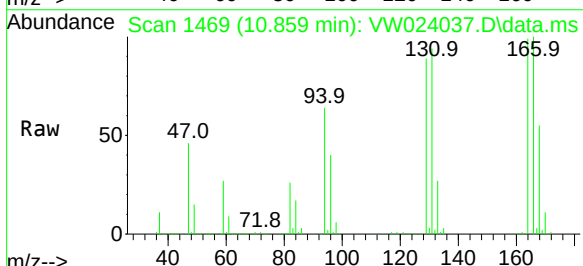
Ion Ratio Lower Upper

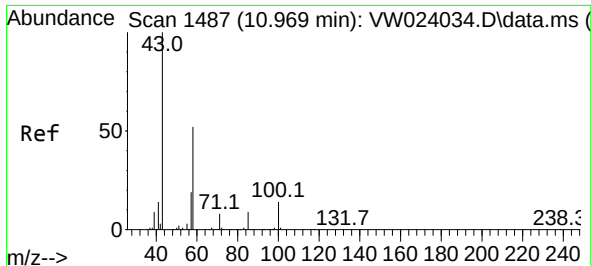
164 100

129 89.7 72.4 134.5

131 95.0 67.8 125.8

166 100.7 88.9 165.1

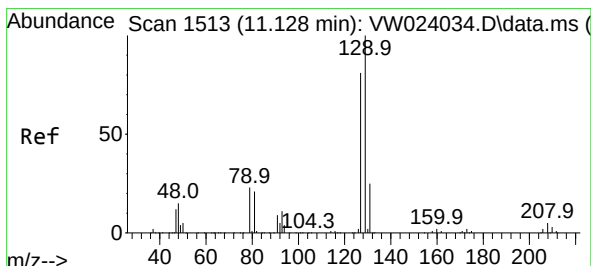
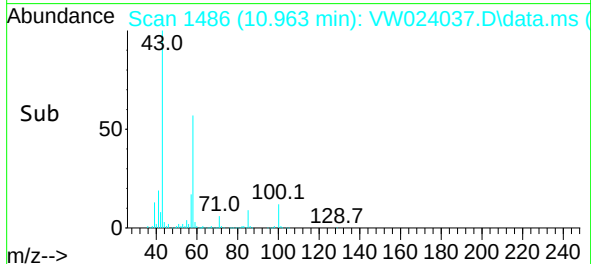
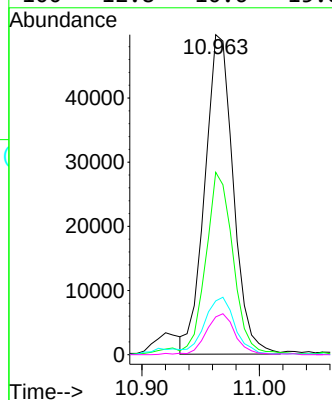
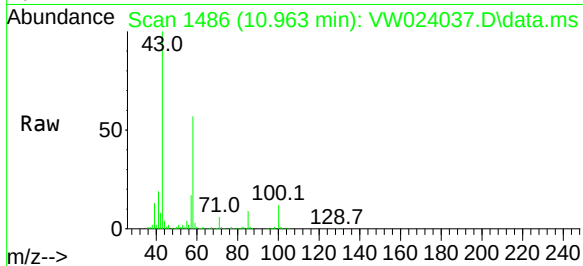




#48
2-Hexanone
Concen: 38.527 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

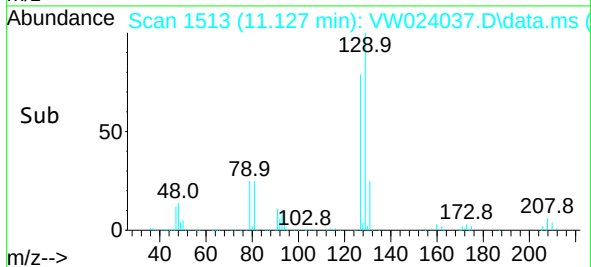
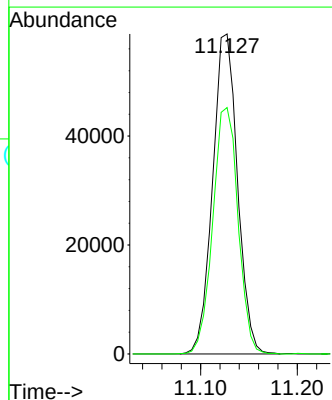
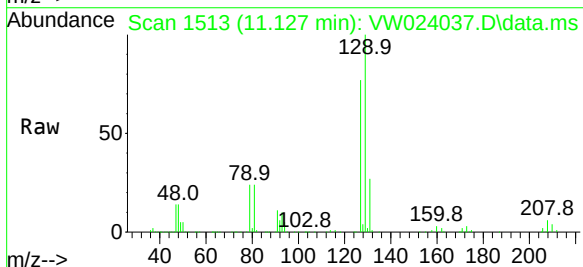
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

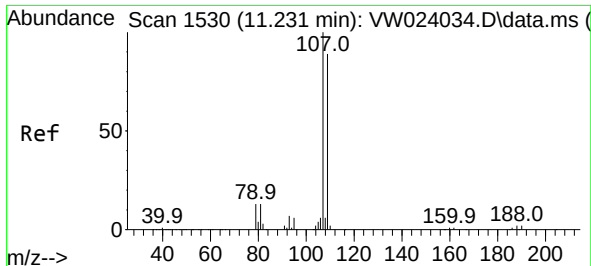
Tgt Ion: 43 Resp: 83849
Ion Ratio Lower Upper
43 100
58 54.9 41.6 62.4
57 18.9 14.6 21.8
100 12.8 10.6 15.8



#49
Dibromochloromethane
Concen: 24.127 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 129 Resp: 105095
Ion Ratio Lower Upper
129 100
127 77.0 53.7 99.7





#50

1,2-Dibromoethane

Concen: 21.940 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

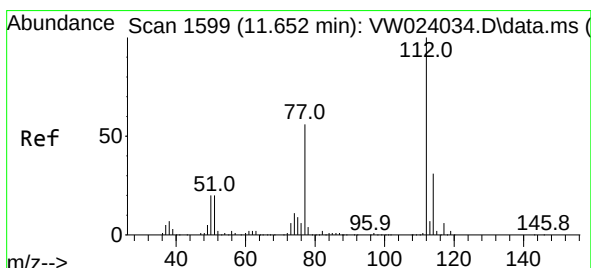
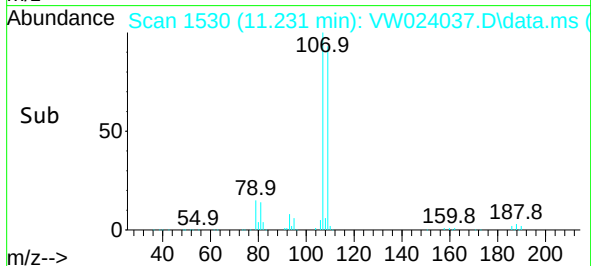
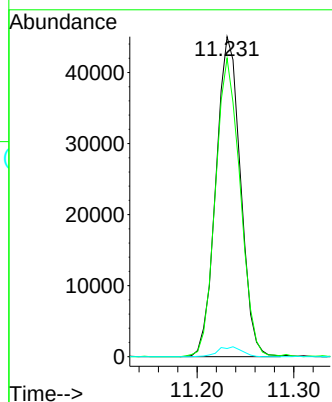
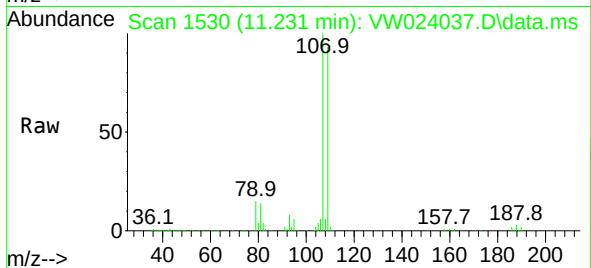
Tgt Ion:107 Resp: 79171

Ion Ratio Lower Upper

107 100

109 93.3 62.4 116.0

188 2.6 2.3 3.5



#51

Chlorobenzene

Concen: 26.155 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

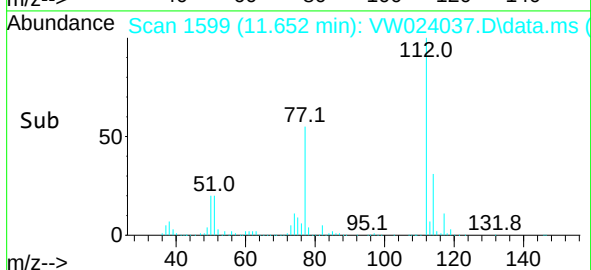
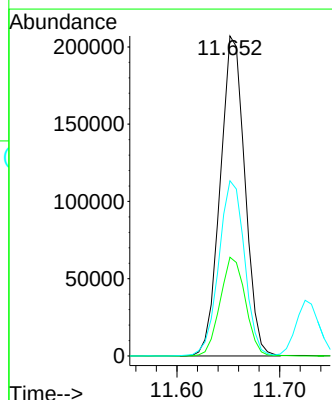
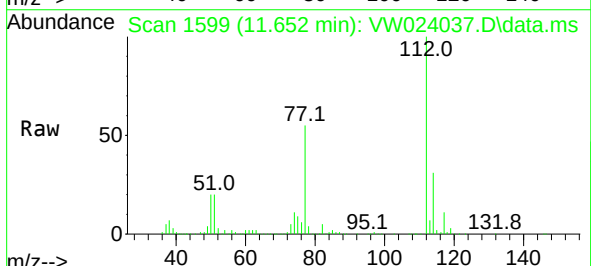
Tgt Ion:112 Resp: 344700

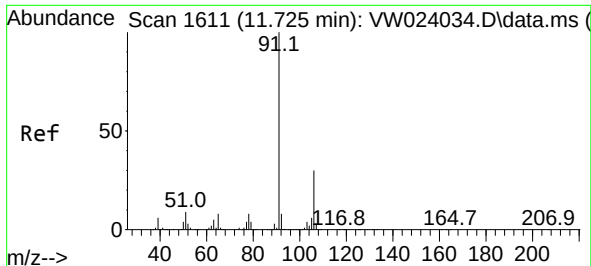
Ion Ratio Lower Upper

112 100

114 30.8 21.1 39.3

77 54.7 46.6 69.8

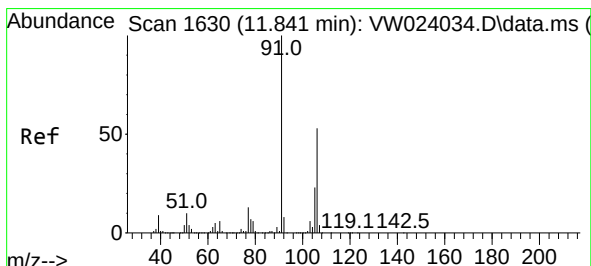
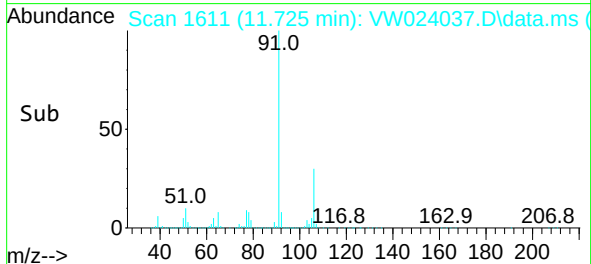
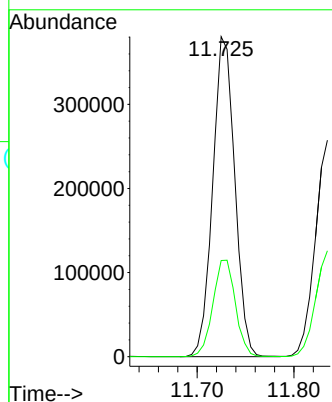
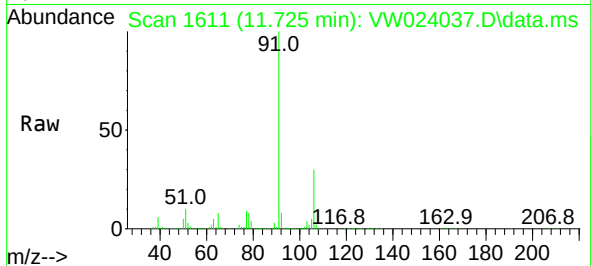




#52
Ethylbenzene
Concen: 27.170 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

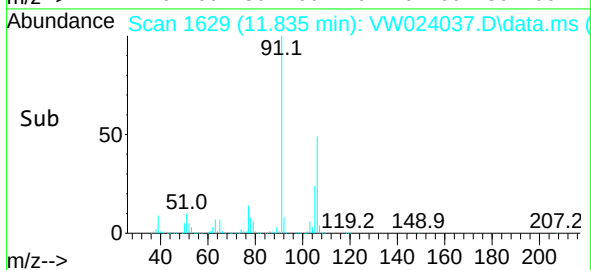
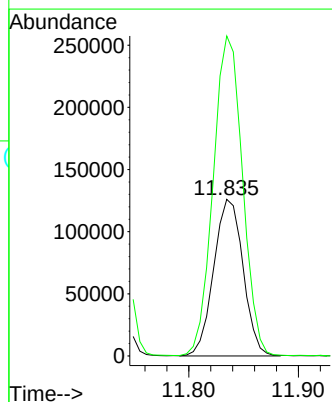
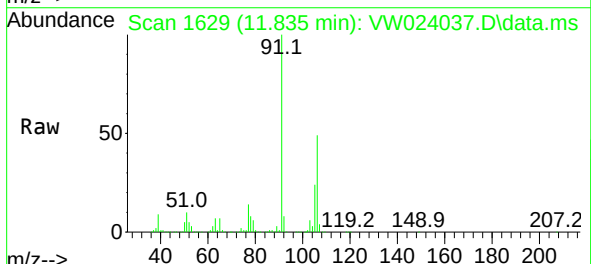
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

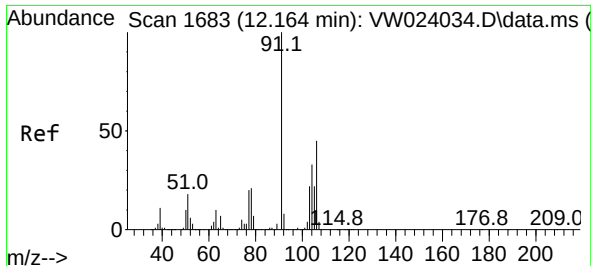
Tgt Ion: 91 Resp: 603324
Ion Ratio Lower Upper
91 100
106 30.0 22.5 41.9



#53
m,p-Xylene
Concen: 27.049 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion: 106 Resp: 234341
Ion Ratio Lower Upper
106 100
91 204.3 142.8 265.2

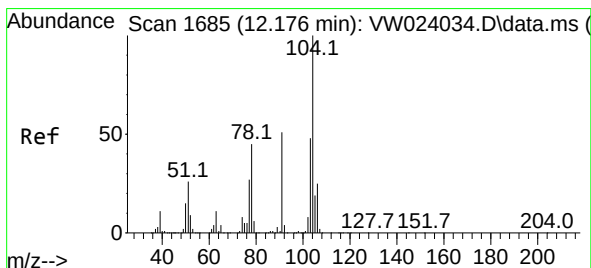
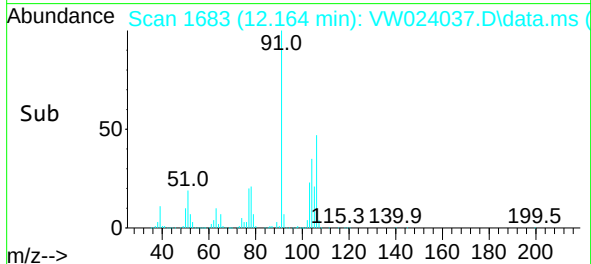
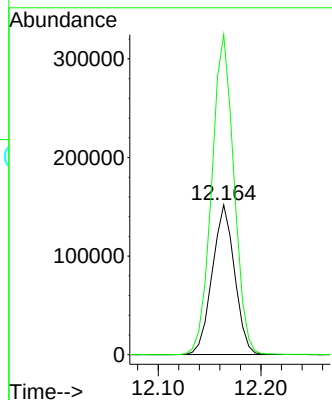
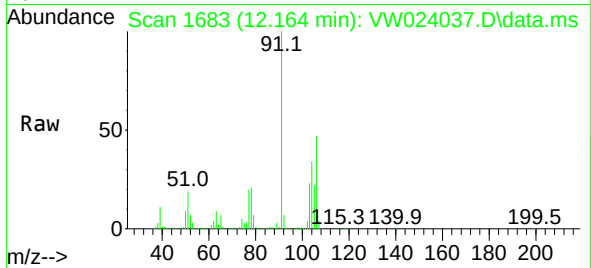




#54
o-Xylene
Concen: 27.527 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

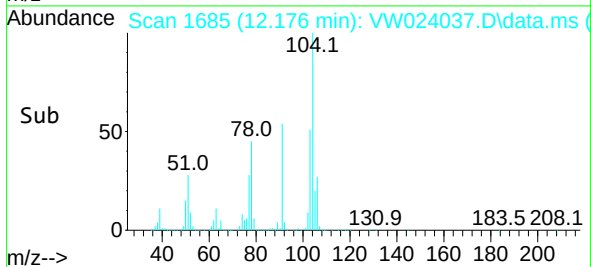
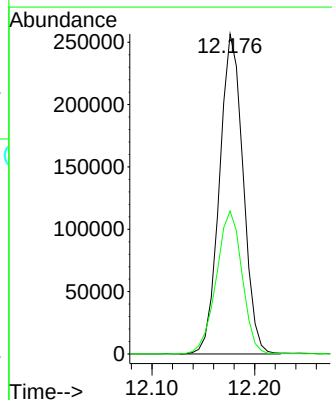
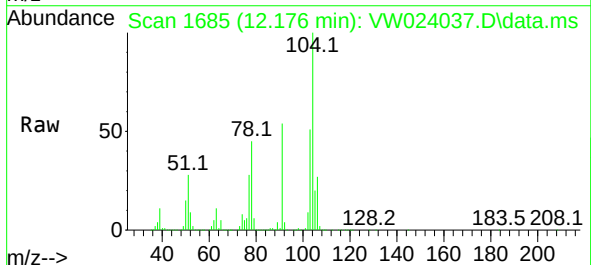
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

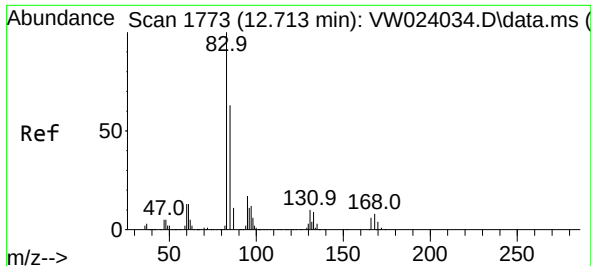
Tgt Ion:106 Resp: 229033
Ion Ratio Lower Upper
106 100
91 213.7 149.6 277.8



#55
Styrene
Concen: 27.868 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion:104 Resp: 409623
Ion Ratio Lower Upper
104 100
78 44.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 21.760 ug/L

RT: 12.712 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

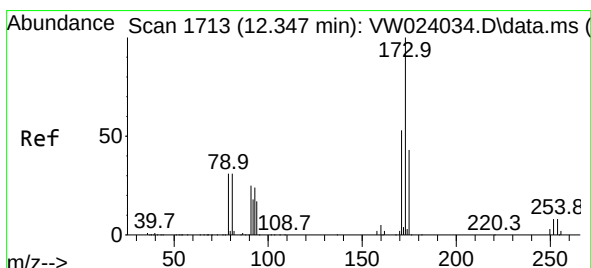
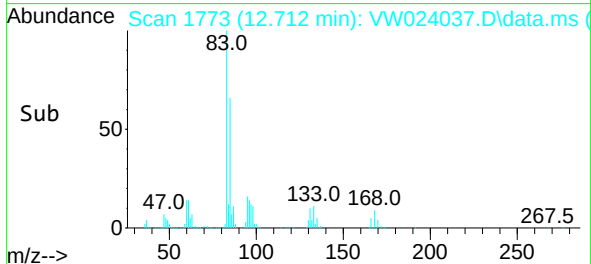
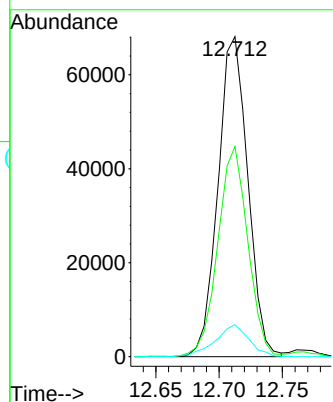
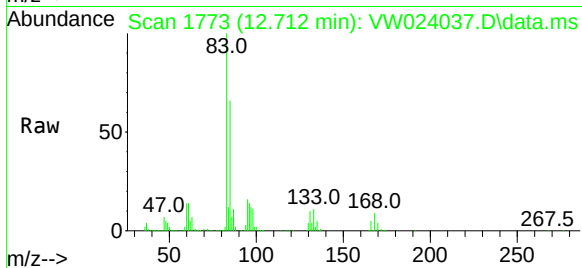
Tgt Ion: 83 Resp: 111481

Ion Ratio Lower Upper

83 100

85 65.7 46.5 86.3

131 10.0 7.4 11.0



#59

Bromoform

Concen: 22.617 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

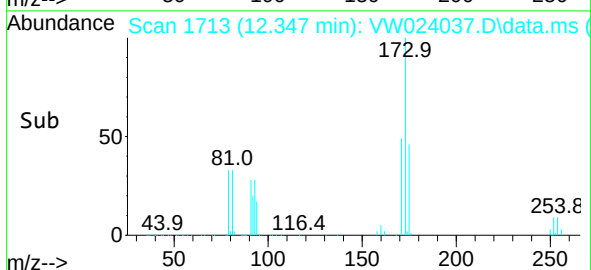
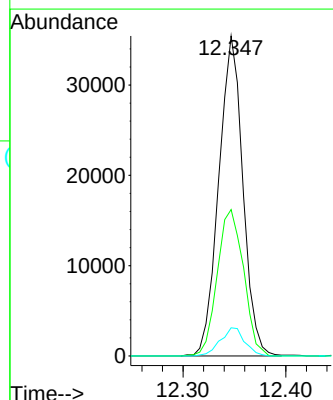
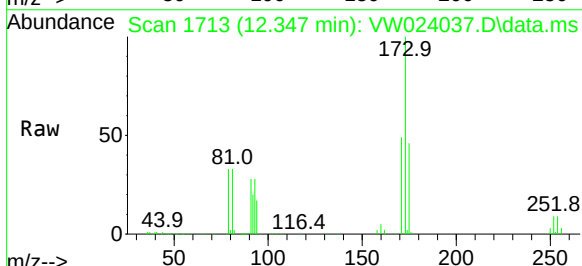
Tgt Ion: 173 Resp: 57676

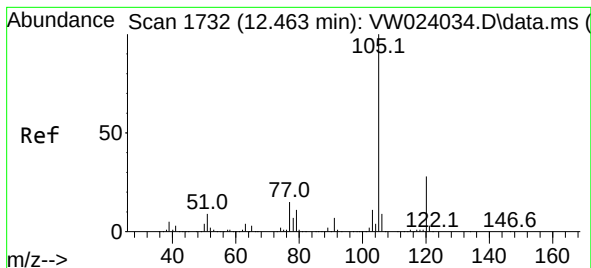
Ion Ratio Lower Upper

173 100

175 49.8 38.9 58.3

254 8.9 5.9 8.9





#60

Isopropylbenzene

Concen: 27.348 ug/L

RT: 12.463 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

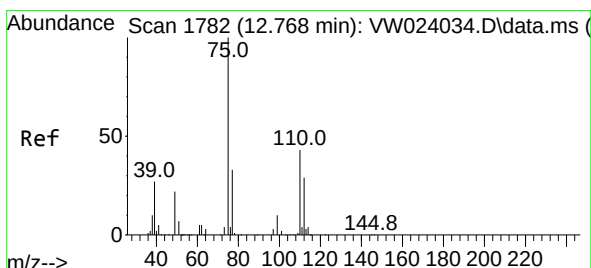
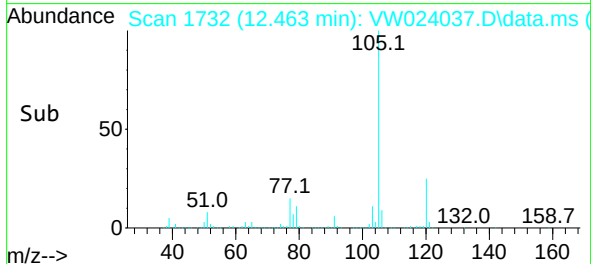
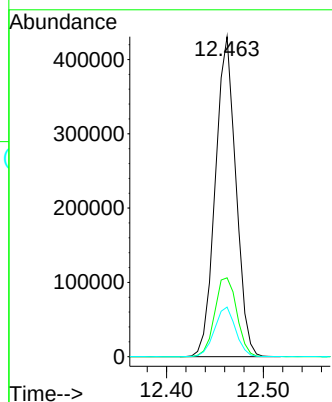
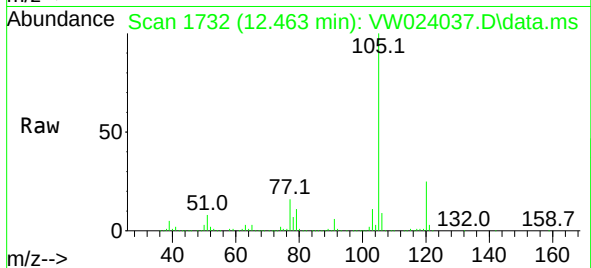
Tgt Ion:105 Resp: 635338

Ion Ratio Lower Upper

105 100

120 26.6 20.7 31.1

77 16.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 20.381 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

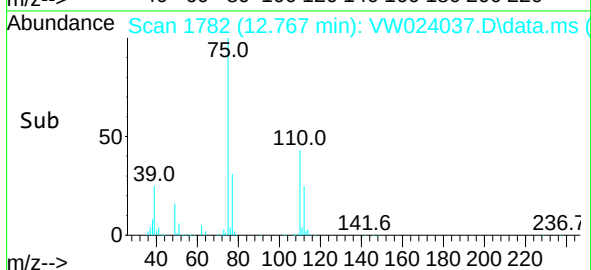
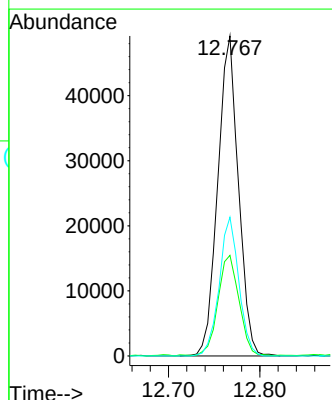
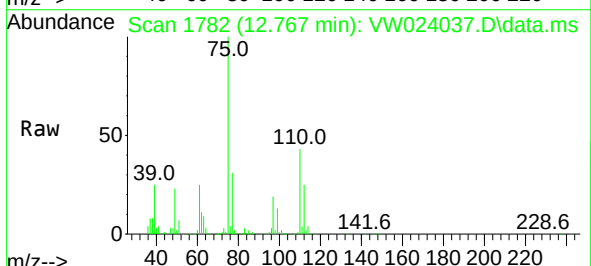
Tgt Ion: 75 Resp: 77287

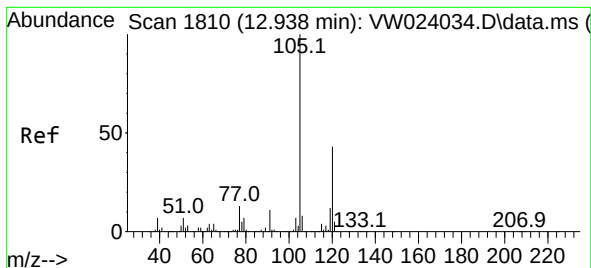
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

110 41.1 31.9 47.9

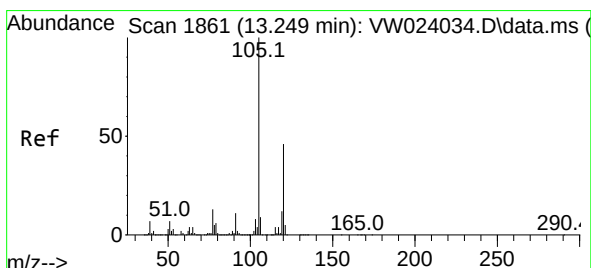
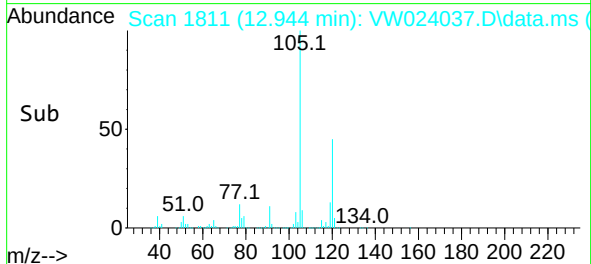
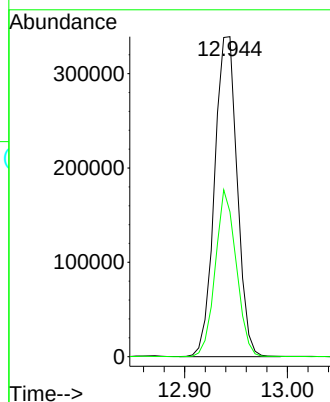
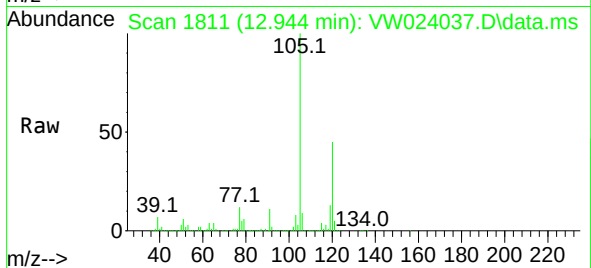




#62
1,3,5-Trimethylbenzene
Concen: 27.310 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

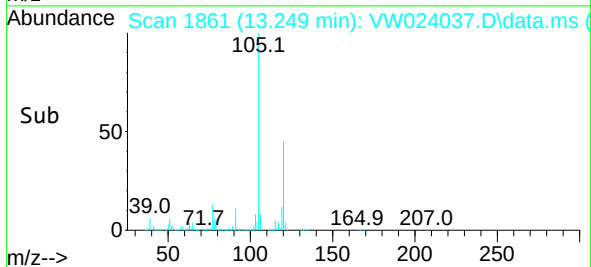
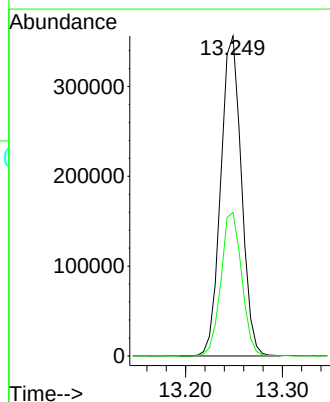
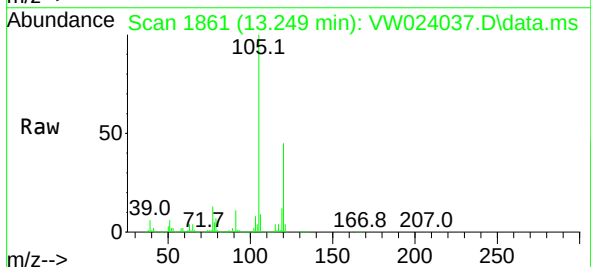
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

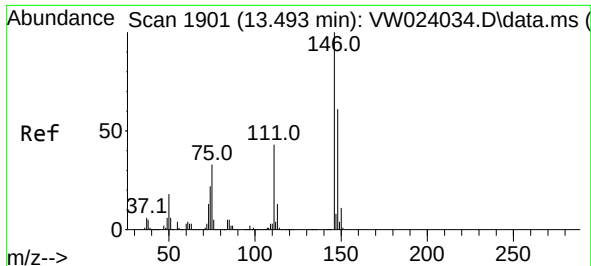
Tgt Ion:105 Resp: 519416
Ion Ratio Lower Upper
105 100
120 48.2 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.733 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion:105 Resp: 527358
Ion Ratio Lower Upper
105 100
120 45.1 35.5 53.3

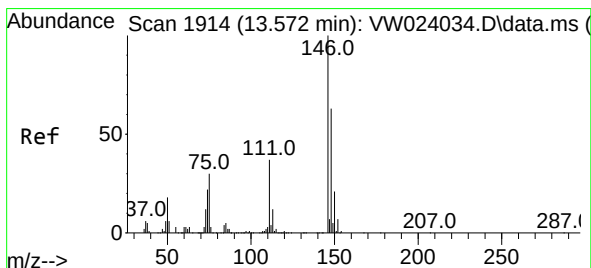
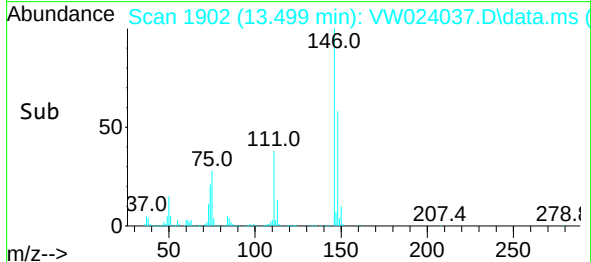
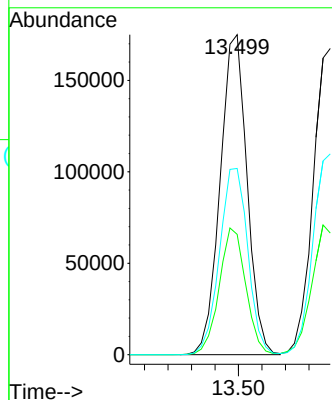
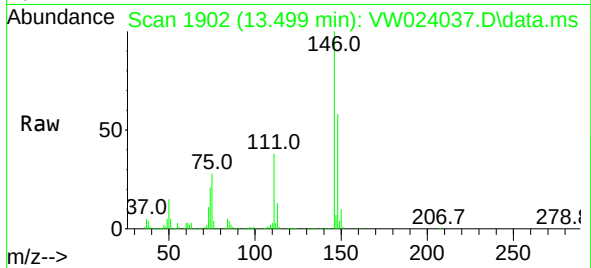




#64
1,3-Dichlorobenzene
Concen: 26.442 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

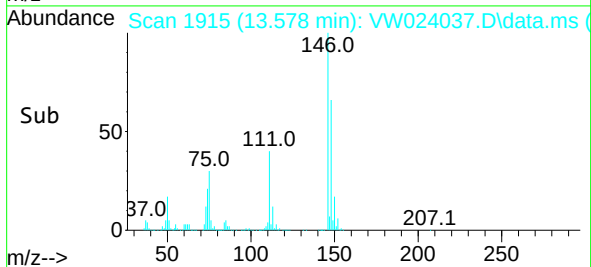
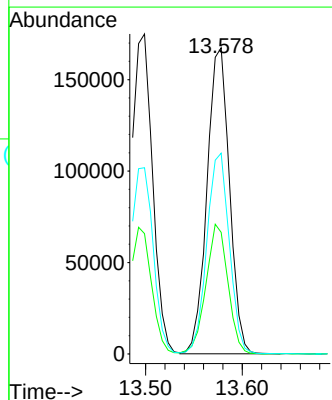
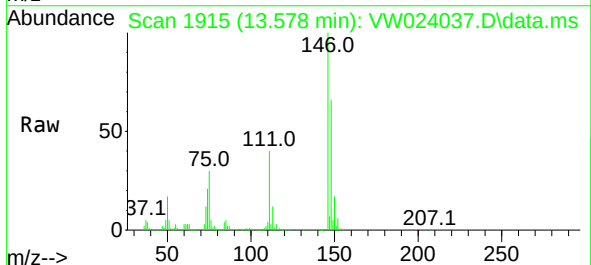
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MS

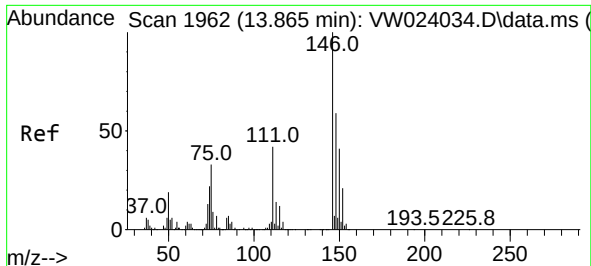
Tgt Ion:146 Resp: 278901
Ion Ratio Lower Upper
146 100
111 37.6 28.6 53.2
148 58.2 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.094 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024037.D
Acq: 23 Jul 2022 07:26

Tgt Ion:146 Resp: 270378
Ion Ratio Lower Upper
146 100
111 39.7 29.4 54.6
148 65.6 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.084 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

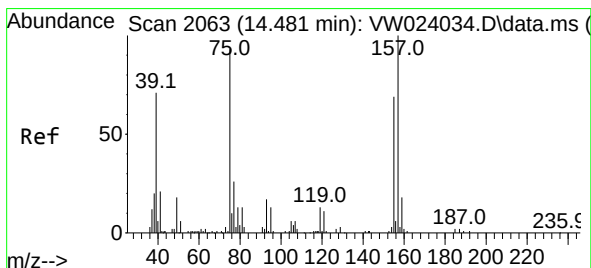
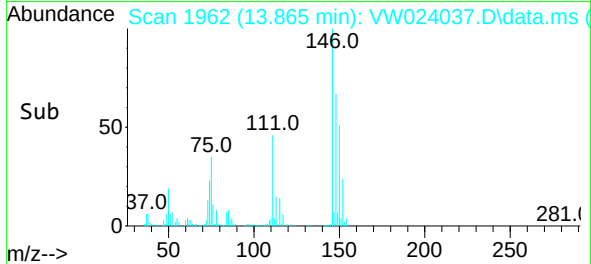
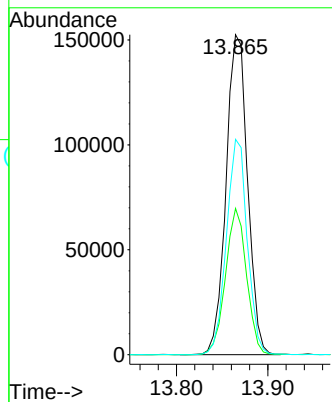
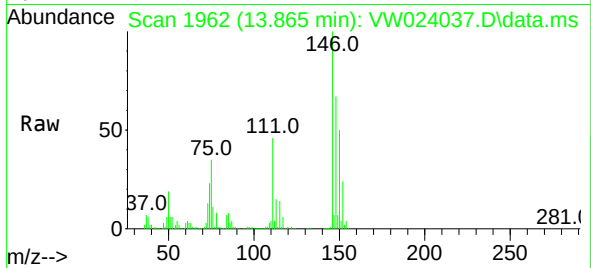
Tgt Ion:146 Resp: 249531

Ion Ratio Lower Upper

146 100

111 45.7 35.9 53.9

148 67.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 17.890 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

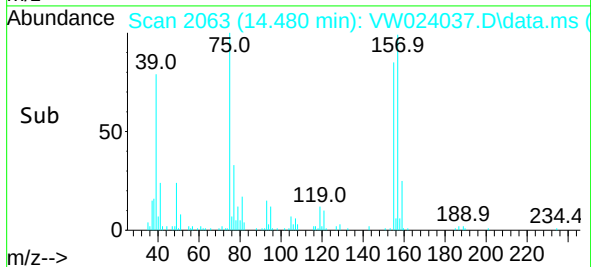
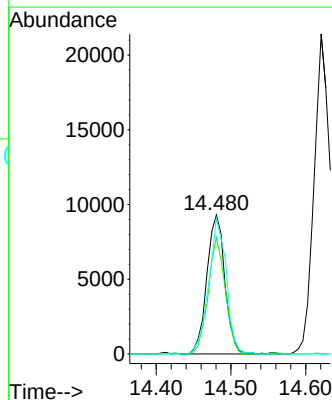
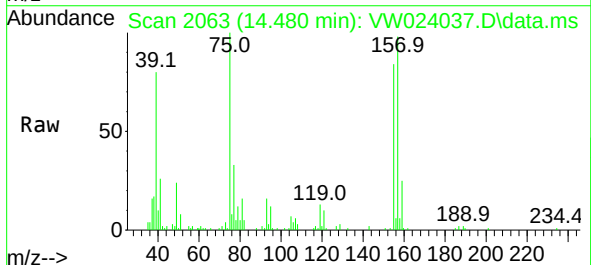
Tgt Ion: 75 Resp: 15647

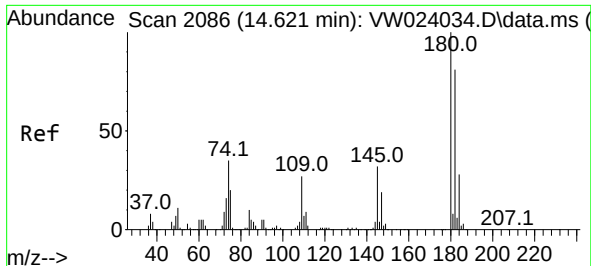
Ion Ratio Lower Upper

75 100

155 83.6 51.7 77.5#

157 97.6 63.5 95.3#





#69

1,3,5-Trichlorobenzene

Concen: 23.171 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

Tgt Ion:180 Resp: 161770

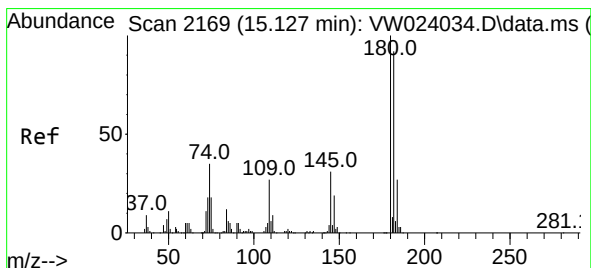
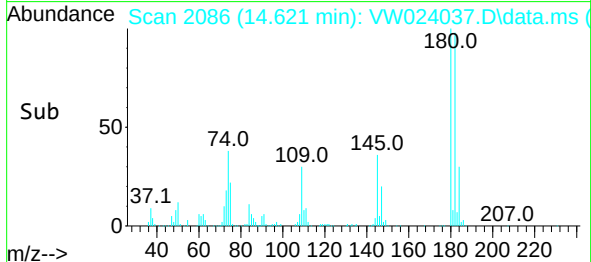
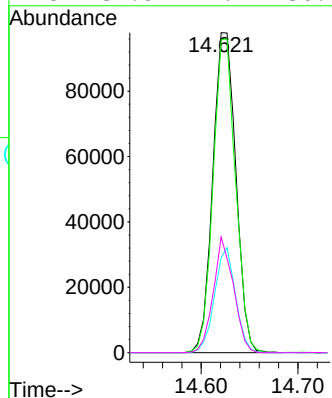
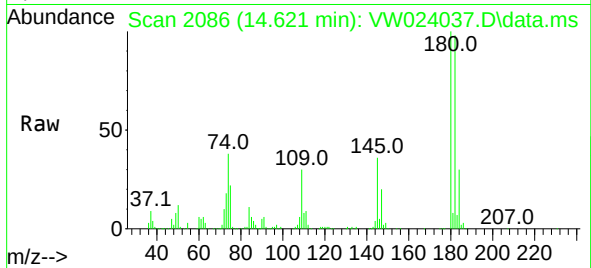
Ion Ratio Lower Upper

180 100

182 95.4 70.2 105.2

184 30.0 22.6 34.0

145 31.8 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 22.068 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

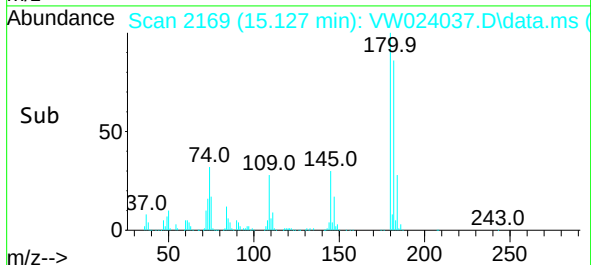
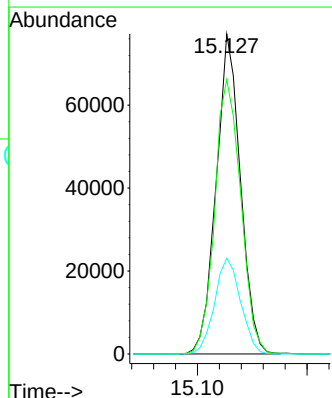
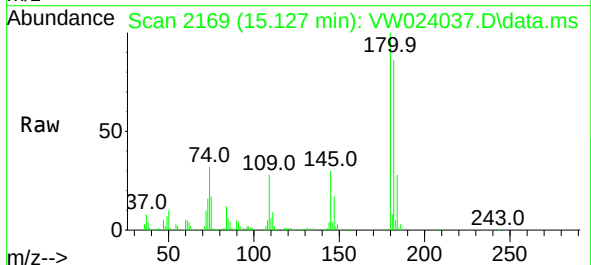
Tgt Ion:180 Resp: 118970

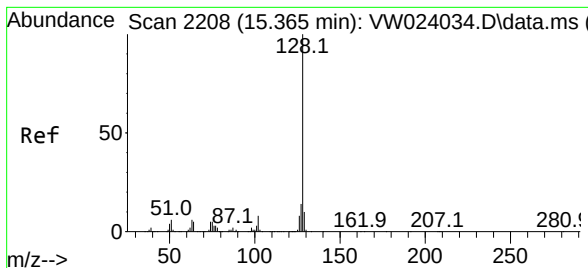
Ion Ratio Lower Upper

180 100

182 91.7 77.5 116.3

145 31.9 26.3 39.5





#71

Naphthalene

Concen: 19.712 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MS

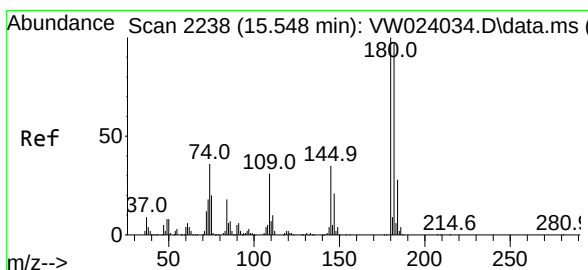
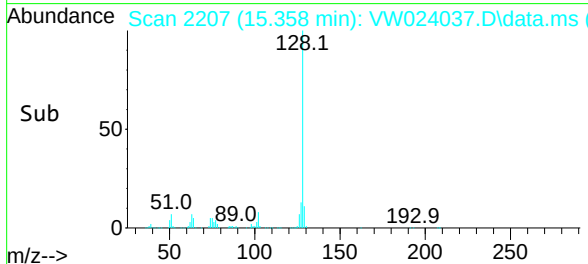
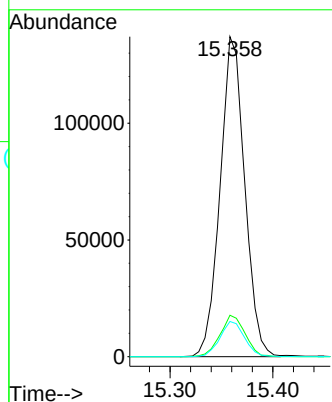
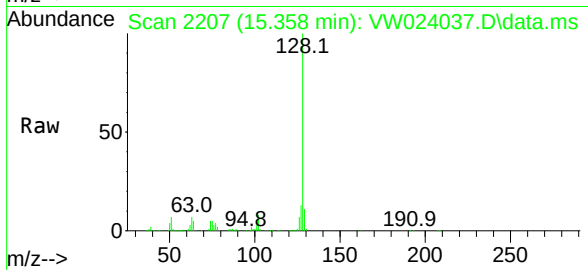
Tgt Ion:128 Resp: 227948

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 21.373 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024037.D

Acq: 23 Jul 2022 07:26

Tgt Ion:180 Resp: 107395

Ion Ratio Lower Upper

180 100

182 89.0 76.3 114.5

145 32.0 27.8 41.6

