

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024038.D
 Acq On : 23 Jul 2022 07:50
 Operator : SY/VA
 Sample : N3795-03MSD
 Misc : 6.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUL9MSD

Quant Time: Jul 24 00:40:26 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	271539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	276683	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149259	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126002	18.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
7) Chloroethane-d5	2.873	69	89855	19.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
11) 1,1-Dichloroethene-d2	4.013	63	106888	18.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.720%
21) 2-Butanone-d5	7.073	46	52564	48.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.720%
24) Chloroform-d	7.647	84	177047	22.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.305	65	103744	21.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.840%
32) Benzene-d6	8.268	84	315977	21.969	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	9.274	67	100805	23.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.080%
41) Toluene-d8	10.323	98	299523	20.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	10.579	79	44767	22.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	10.920	63	47369	51.996	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118375	24.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	115773	21.728	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	33121	17.949	ug/L	97
3) Chloromethane	2.208	50	89816	19.876	ug/L	99
5) Vinyl chloride	2.349	62	149817	19.307	ug/L	100
6) Bromomethane	2.769	94	82210	16.379	ug/L	98
8) Chloroethane	2.910	64	66506	18.320	ug/L	98
9) Trichlorofluoromethane	3.245	101	72790	20.636	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67700	19.612	ug/L	99
12) 1,1-Dichloroethene	4.031	96	54500	18.934	ug/L	93
13) Acetone	4.123	43	29763	39.133	ug/L	96
14) Carbon disulfide	4.379	76	126097	14.892	ug/L	100
15) Methyl Acetate	4.671	43	32744	19.236	ug/L	98
16) Methylene chloride	4.909	84	75281	17.730	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	66790	19.125	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	118376	21.909	ug/L #	86
19) 1,1-Dichloroethane	6.208	63	136651	21.212	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	80289	20.752	ug/L #	99
22) 2-Butanone	7.171	43	48345	38.679	ug/L	73
23) Bromochloromethane	7.512	128	39769	21.397	ug/L	87
25) Chloroform	7.671	83	158123	21.306	ug/L	93

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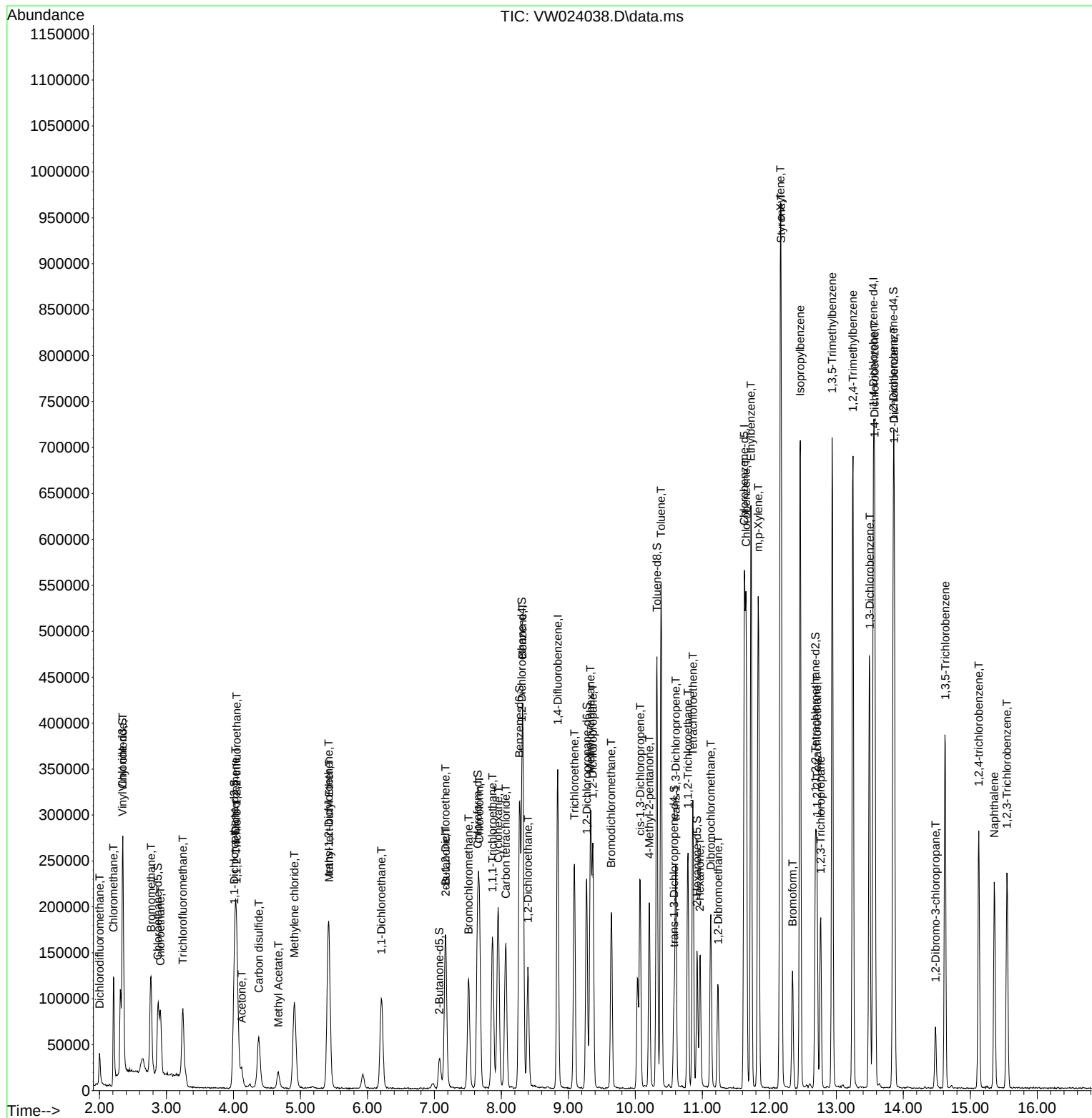
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	112784	20.648	ug/L	97
29) Cyclohexane	7.951	56	95225	18.818	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	128330	21.421	ug/L	99
31) Carbon tetrachloride	8.067	117	114902	21.277	ug/L	98
33) Benzene	8.317	78	335561	21.342	ug/L	100
34) Trichloroethene	9.091	95	83399	20.087	ug/L	92
35) Methylcyclohexane	9.329	83	114266	18.073	ug/L	98
37) 1,2-Dichloropropane	9.366	63	86622	21.975	ug/L	99
38) Bromodichloromethane	9.640	83	125055	22.731	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	128050	21.552	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	122029	44.487	ug/L	98
42) Toluene	10.384	91	386417	21.550	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	123598	21.887	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	74909	21.733	ug/L	96
46) Tetrachloroethene	10.859	164	61805	19.251	ug/L	97
48) 2-Hexanone	10.963	43	90783	45.457	ug/L	98
49) Dibromochloromethane	11.128	129	92465	23.133	ug/L	99
50) 1,2-Dibromoethane	11.237	107	71262	21.520	ug/L	98
51) Chlorobenzene	11.652	112	250965	20.752	ug/L	98
52) Ethylbenzene	11.725	91	430507	21.128	ug/L	98
53) m,p-Xylene	11.835	106	169823	21.361	ug/L	96
54) o-Xylene	12.164	106	166047	21.748	ug/L	100
55) Styrene	12.176	104	292138	21.659	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	104312	22.188	ug/L	96
59) Bromoform	12.347	173	52737	23.962	ug/L #	95
60) Isopropylbenzene	12.463	105	444815	22.185	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72641	22.195	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	352501	21.474	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	354898	21.625	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	184542	20.272	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	202135	20.871	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	185034	21.552	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15979	21.168	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	111470	18.500	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	78886	16.955	ug/L	98
71) Naphthalene	15.359	128	180126	18.048	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	72260	16.662	ug/L	99

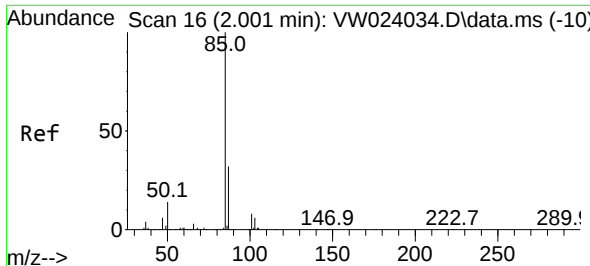
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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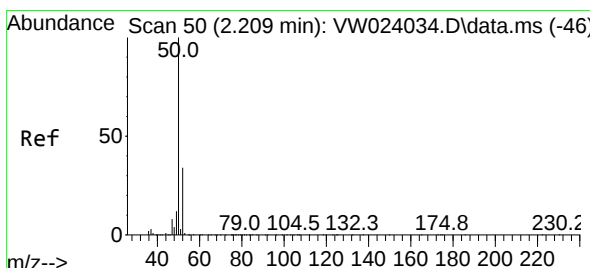
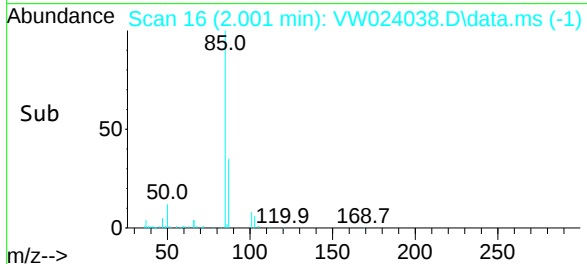
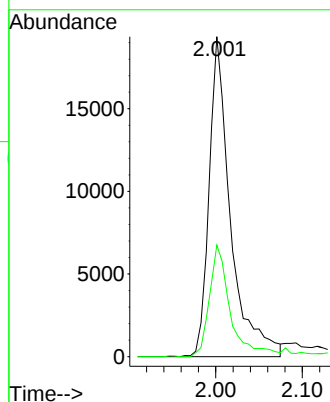
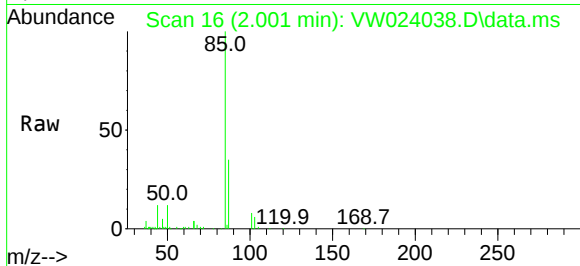




#2
Dichlorodifluoromethane
Concen: 17.949 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

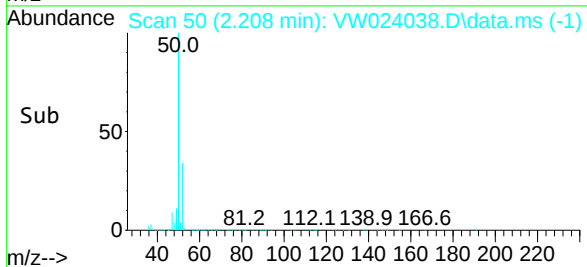
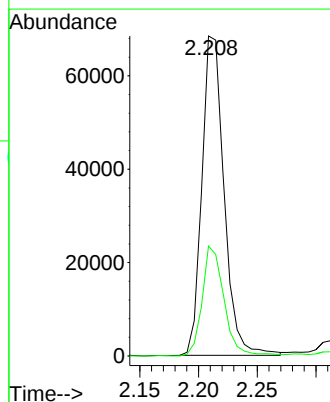
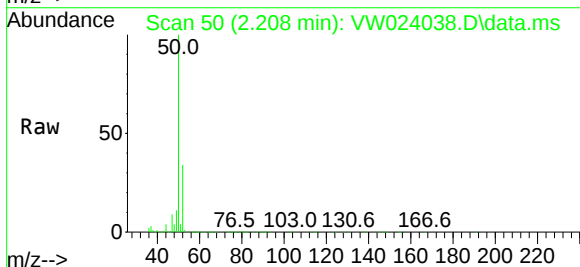
Instrument :
MSVOA_W
ClientSampleId :
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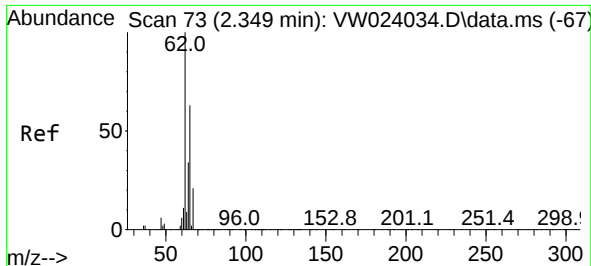
Tgt Ion: 85 Resp: 33121
Ion Ratio Lower Upper
85 100
87 32.5 24.7 37.1



#3
Chloromethane
Concen: 19.876 ug/L
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 50 Resp: 89816
Ion Ratio Lower Upper
50 100
52 34.4 23.7 44.1

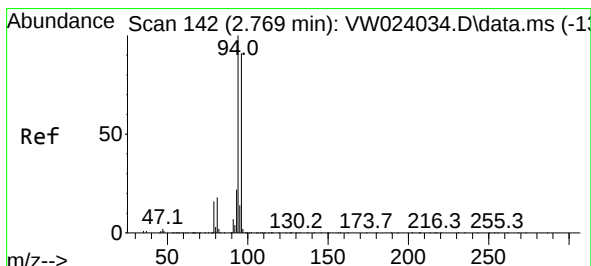
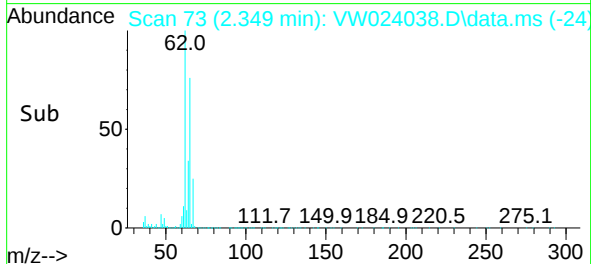
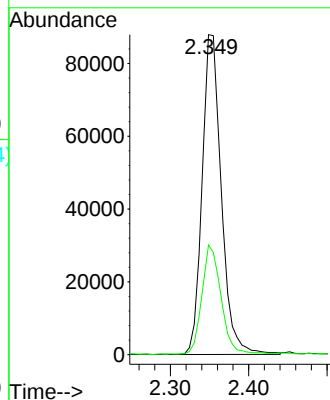
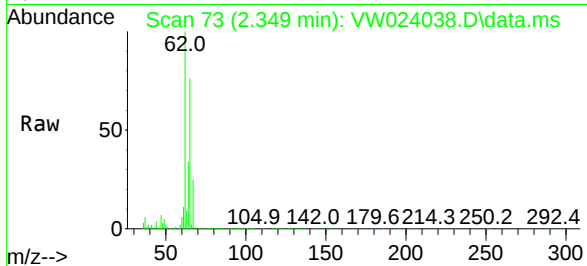




#5
 Vinyl chloride
 Concen: 19.307 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

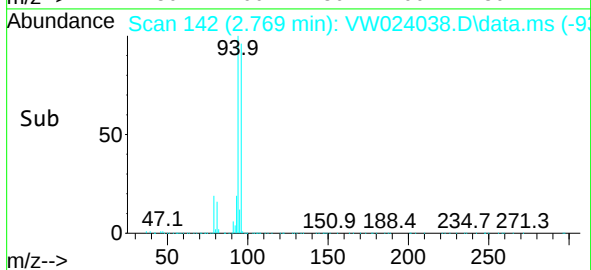
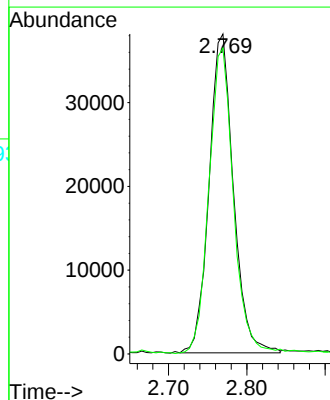
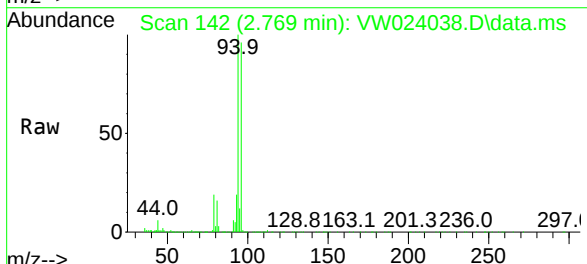
Instrument :
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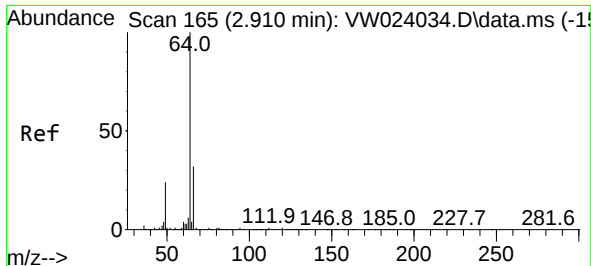
Tgt Ion: 62 Resp: 149817
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.0 44.6



#6
 Bromomethane
 Concen: 16.379 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

Tgt Ion: 94 Resp: 82210
 Ion Ratio Lower Upper
 94 100
 96 95.6 68.2 126.6

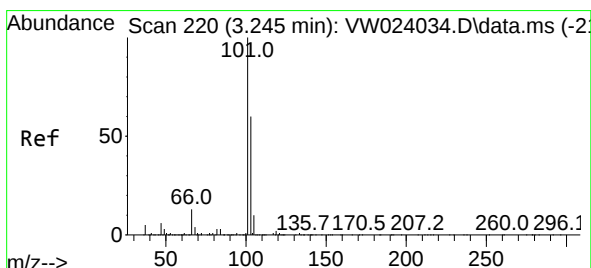
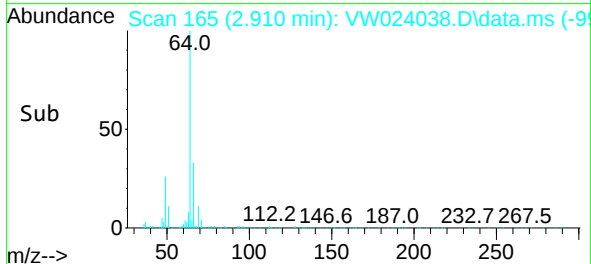
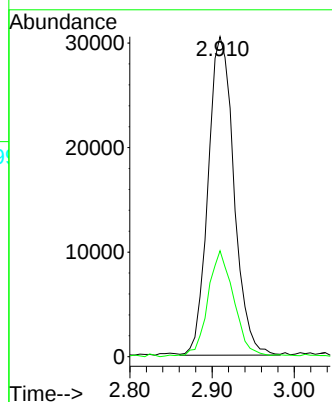
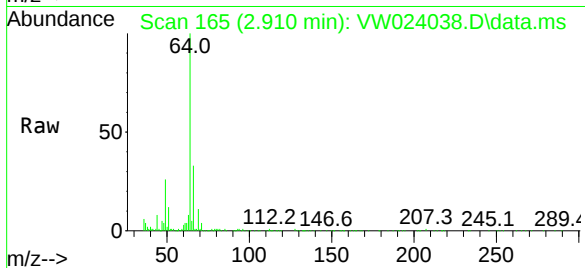




#8
Chloroethane
Concen: 18.320 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

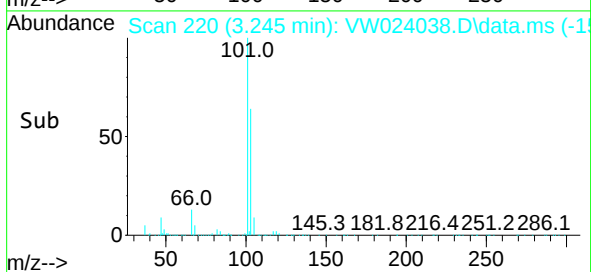
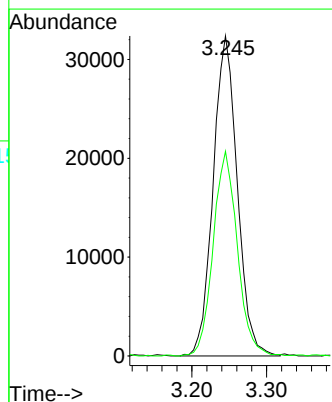
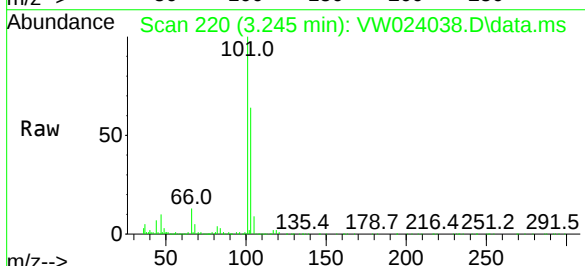
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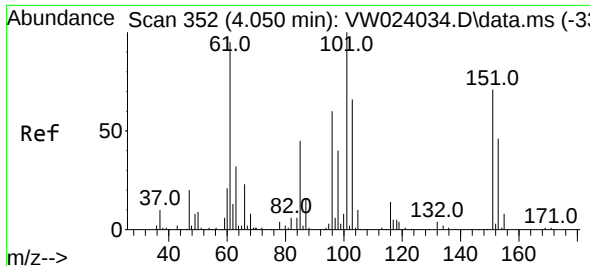
Tgt Ion: 64 Resp: 66506
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.636 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 101 Resp: 72790
Ion Ratio Lower Upper
101 100
103 63.9 52.1 78.1

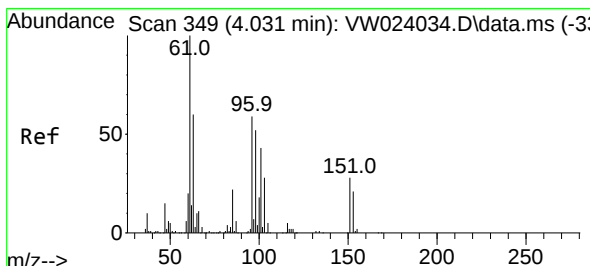
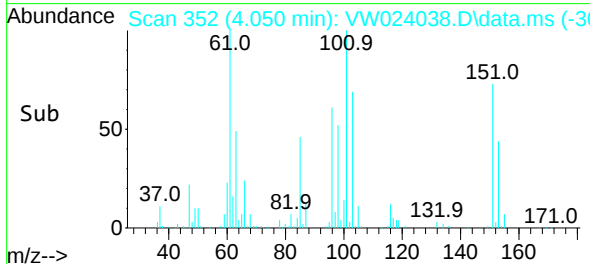
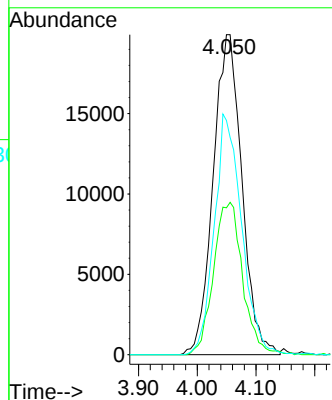
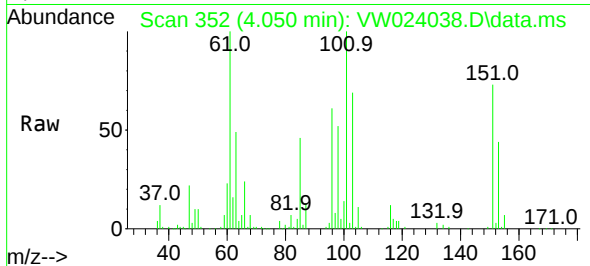




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.612 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

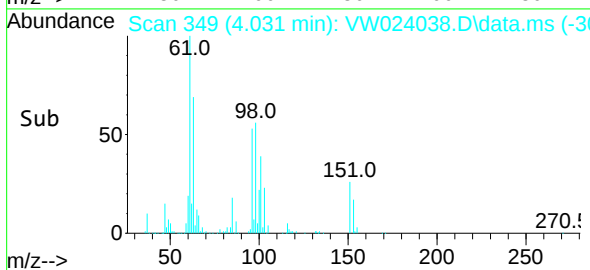
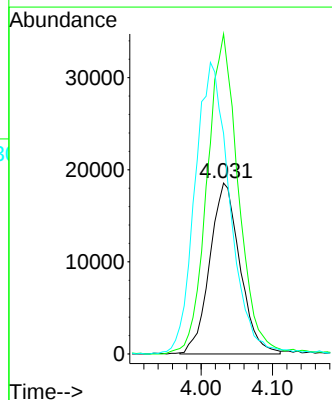
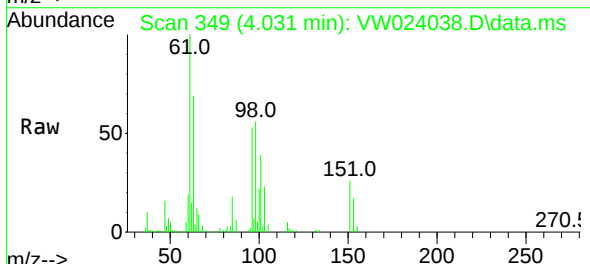
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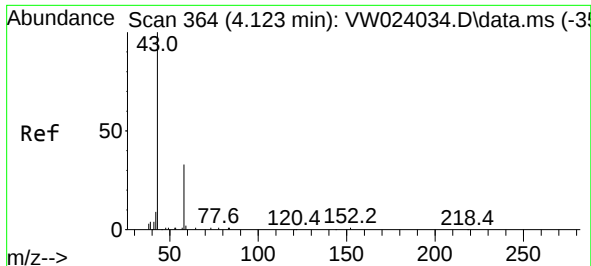
Tgt Ion:101 Resp: 67700
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.6 56.4
 151 71.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 18.934 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

Tgt Ion: 96 Resp: 54500
 Ion Ratio Lower Upper
 96 100
 61 187.3 125.4 232.8
 63 129.2 97.4 180.8

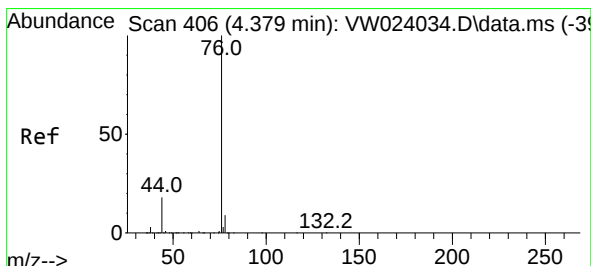
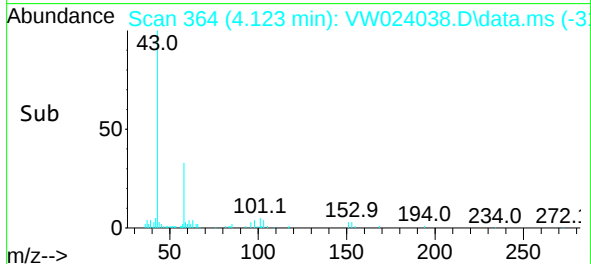
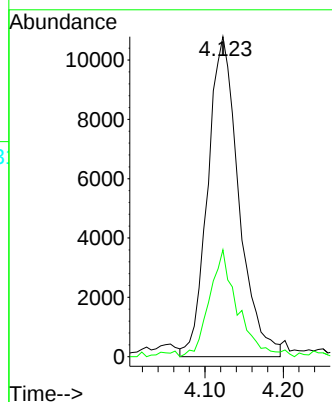
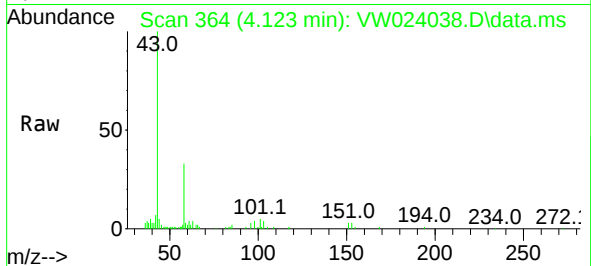




#13
Acetone
Concen: 39.133 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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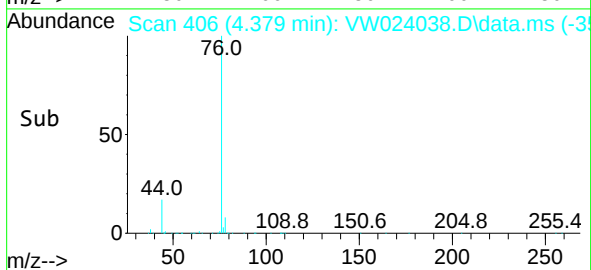
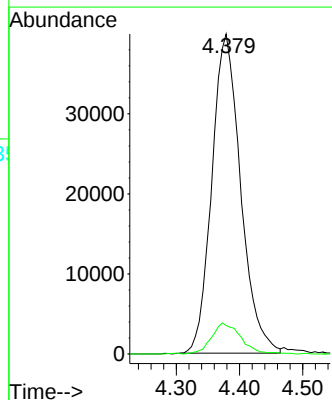
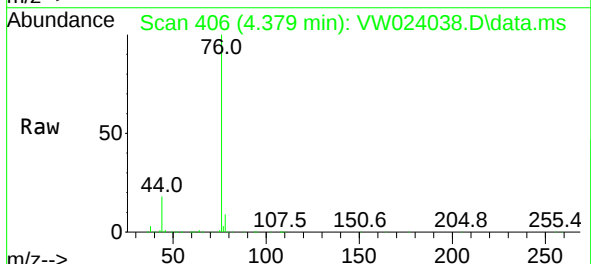
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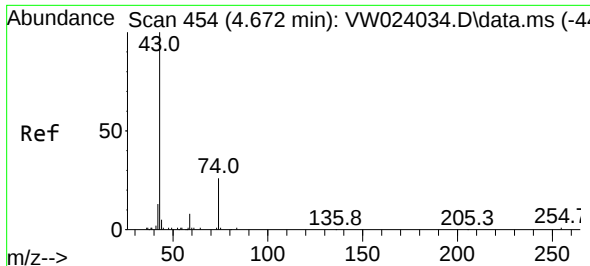
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Ion Ratio Lower Upper
43 100
58 29.9 0.0 64.2



#14
Carbon disulfide
Concen: 14.892 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 76 Resp: 126097
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

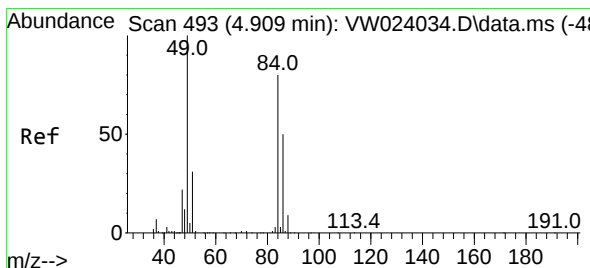
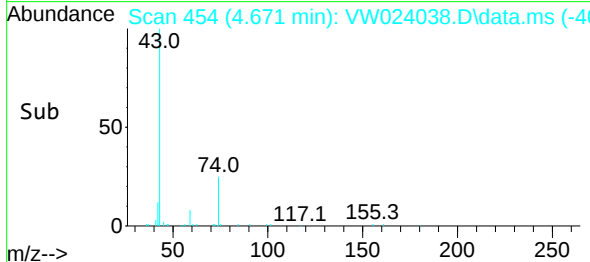
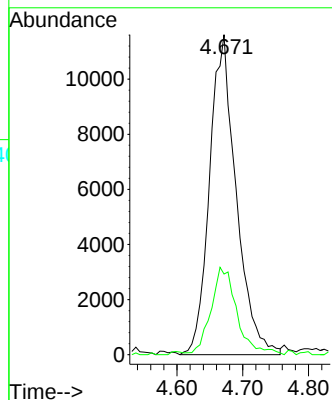
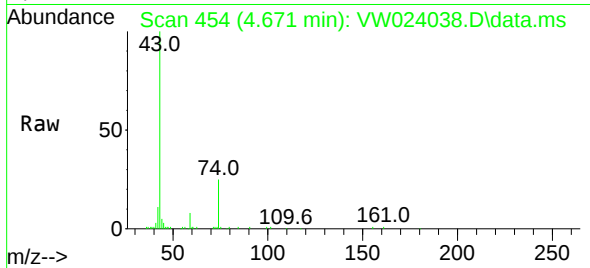




#15
Methyl Acetate
Concen: 19.236 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

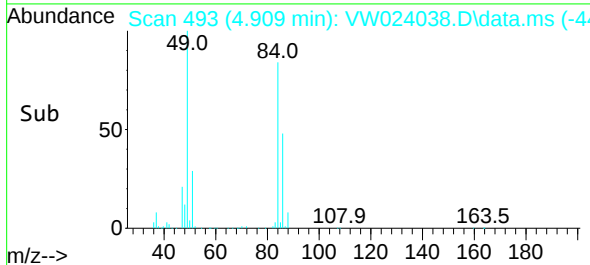
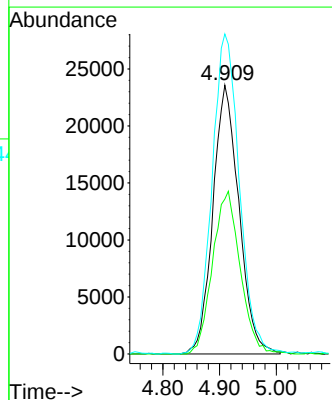
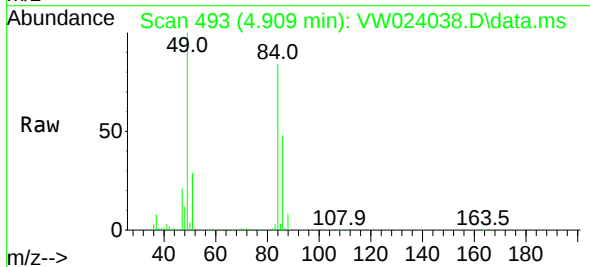
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

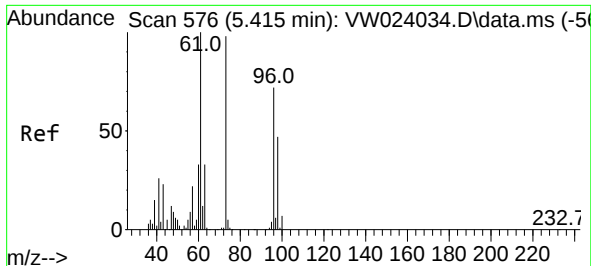
Tgt Ion: 43 Resp: 32744
Ion Ratio Lower Upper
43 100
74 26.0 20.0 30.0



#16
Methylene chloride
Concen: 17.730 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 84 Resp: 75281
Ion Ratio Lower Upper
84 100
86 57.6 42.8 79.6
49 119.1 85.4 158.6

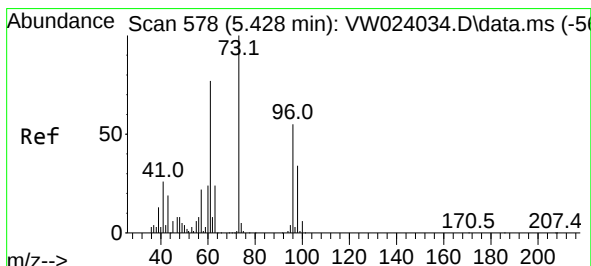
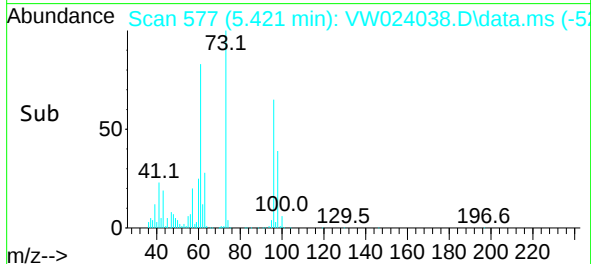
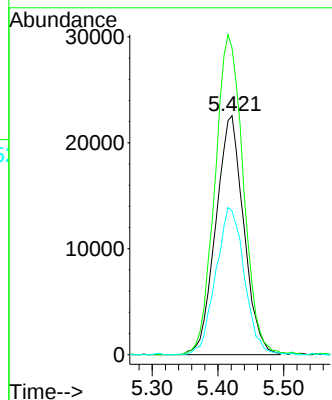
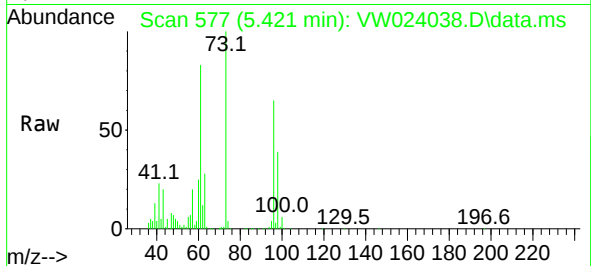




#17
trans-1,2-Dichloroethene
Concen: 19.125 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

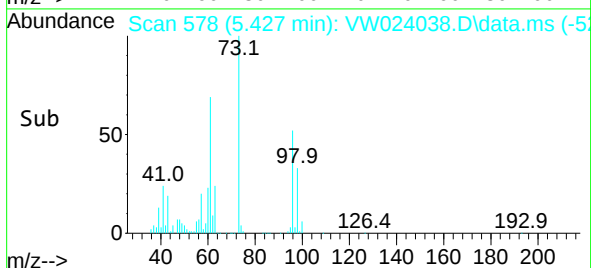
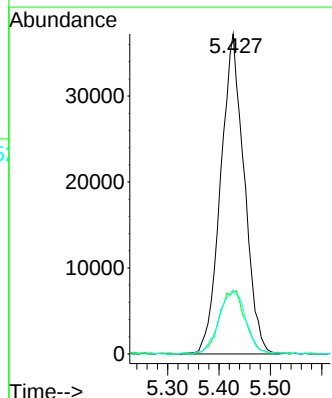
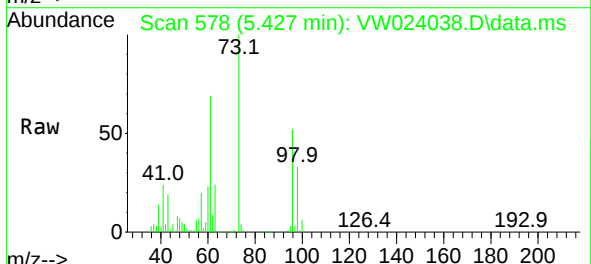
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

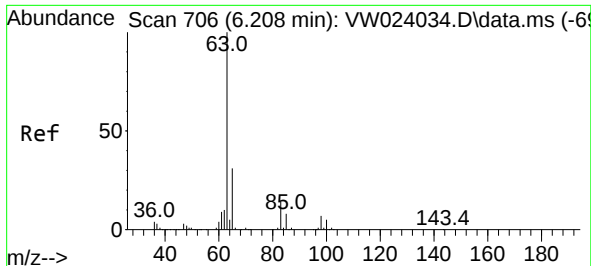
Tgt Ion: 96 Resp: 66790
Ion Ratio Lower Upper
96 100
61 128.4 90.8 168.6
98 60.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 21.909 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 73 Resp: 118376
Ion Ratio Lower Upper
73 100
43 10.3 17.6 26.4#
57 22.3 16.8 25.2





#19

1,1-Dichloroethane

Concen: 21.212 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

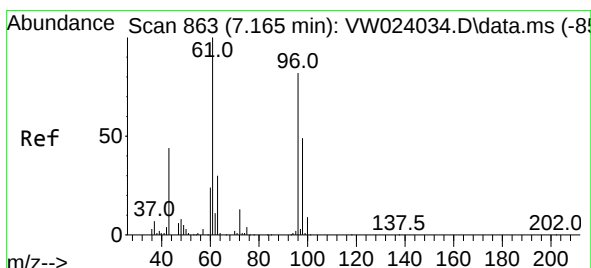
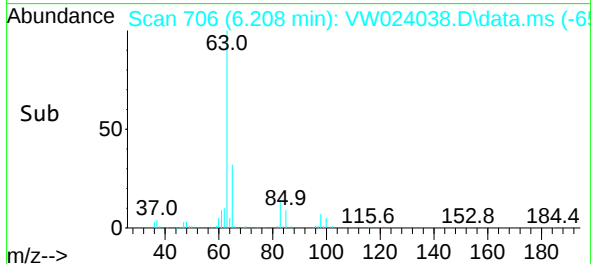
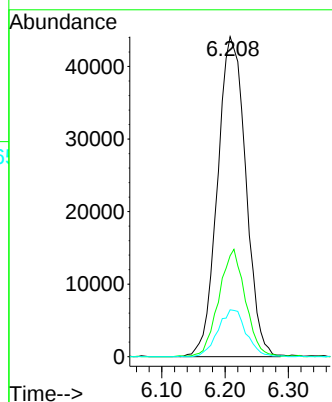
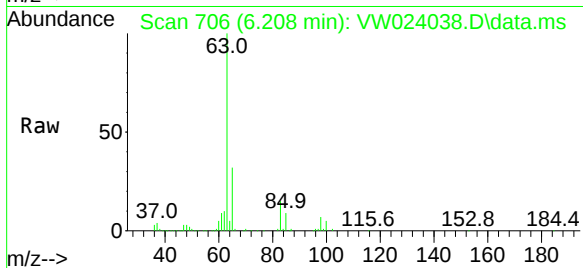
Tgt Ion: 63 Resp: 136651

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 14.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 20.752 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

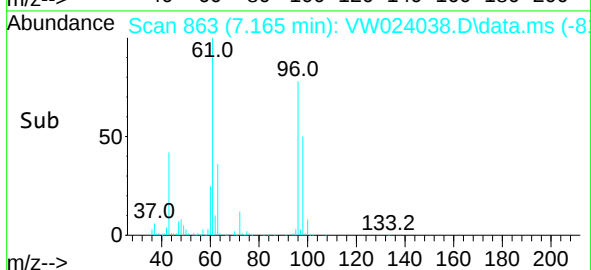
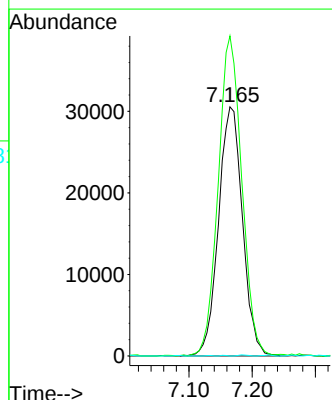
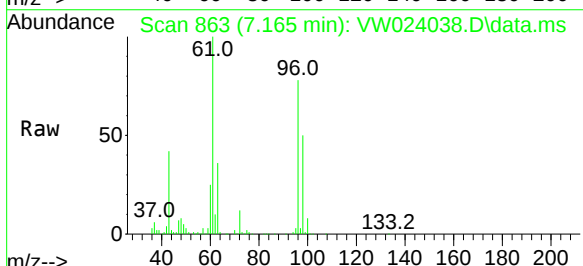
Tgt Ion: 96 Resp: 80289

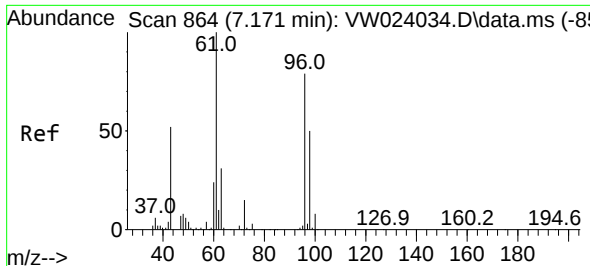
Ion Ratio Lower Upper

96 100

61 128.4 90.6 168.2

68 0.0 0.2 0.4

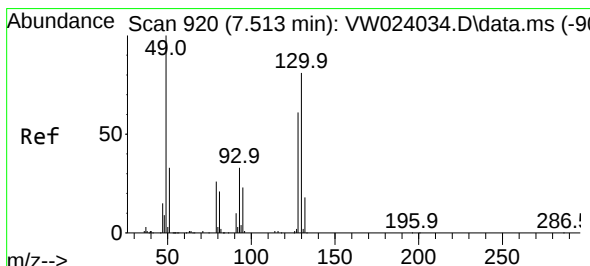
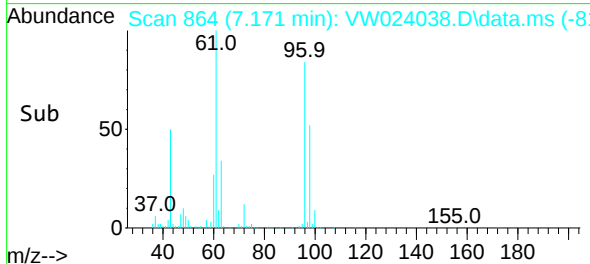
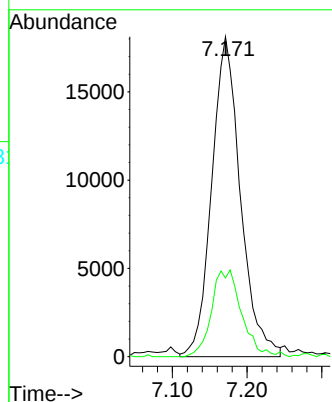
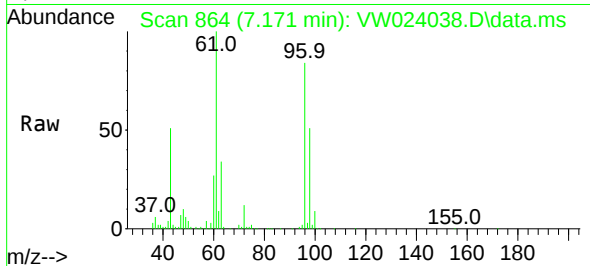




#22
2-Butanone
Concen: 38.679 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

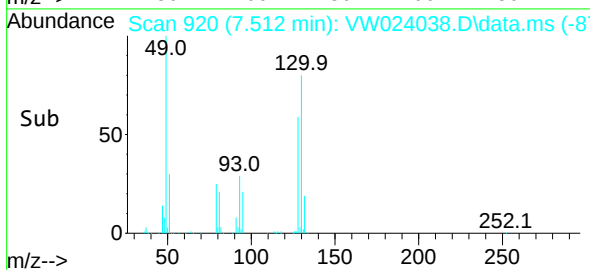
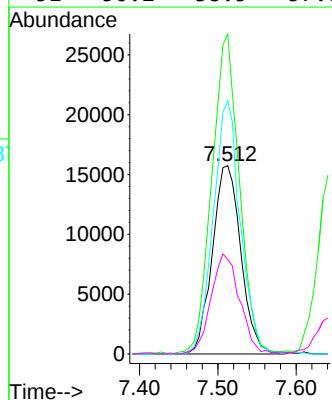
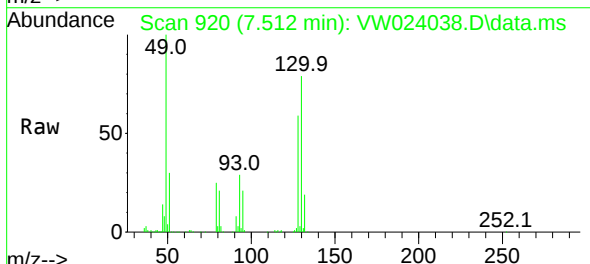
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

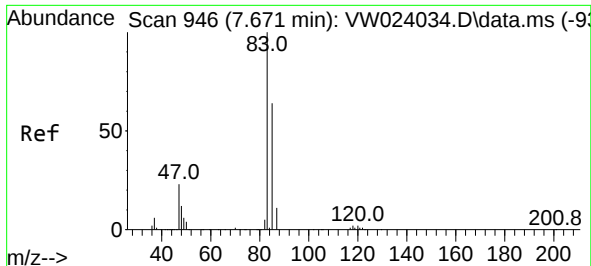
Tgt Ion: 43 Resp: 48345
Ion Ratio Lower Upper
43 100
72 14.7 14.7 44.1



#23
Bromochloromethane
Concen: 21.397 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 128 Resp: 39769
Ion Ratio Lower Upper
128 100
49 169.9 106.0 196.8
130 134.5 83.2 154.4
51 50.2 38.5 57.7

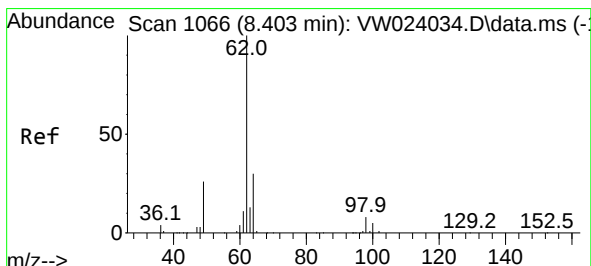
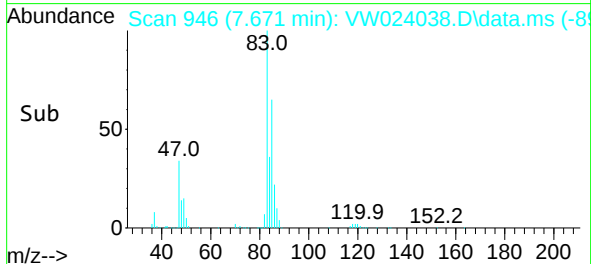
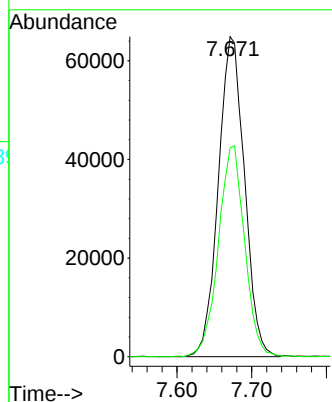
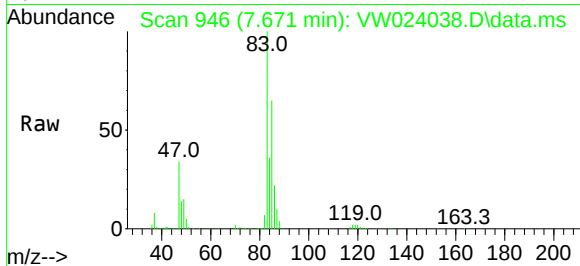




#25
Chloroform
Concen: 21.306 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

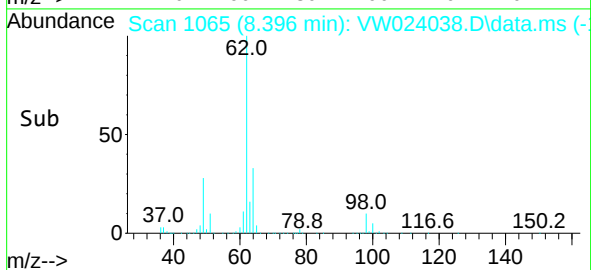
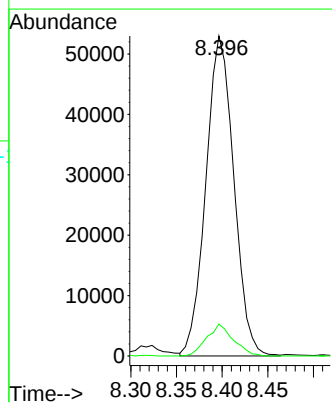
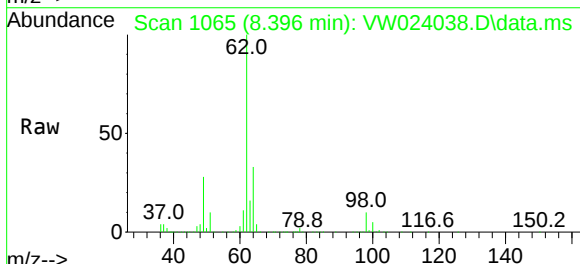
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

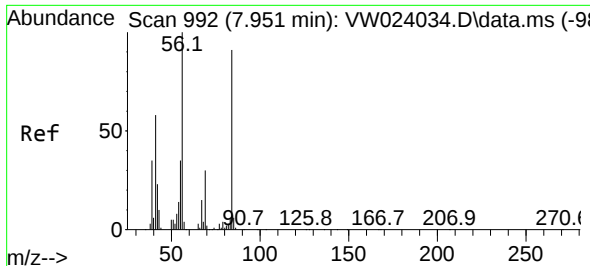
Tgt Ion: 83 Resp: 158123
Ion Ratio Lower Upper
83 100
85 65.2 41.9 77.9



#27
1,2-Dichloroethane
Concen: 20.648 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 62 Resp: 112784
Ion Ratio Lower Upper
62 100
98 10.0 7.2 10.8

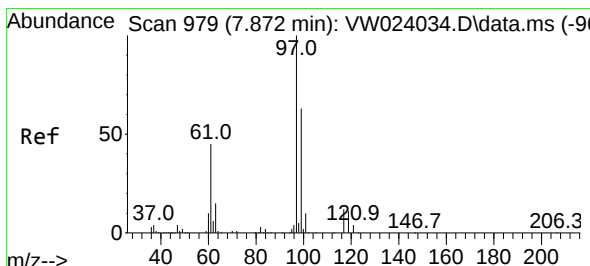
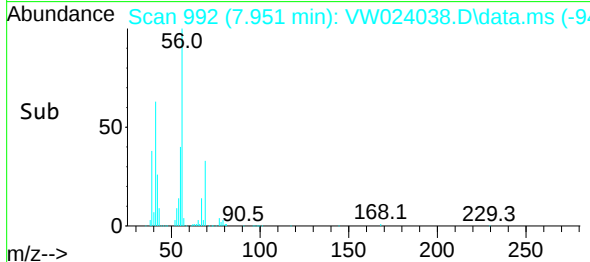
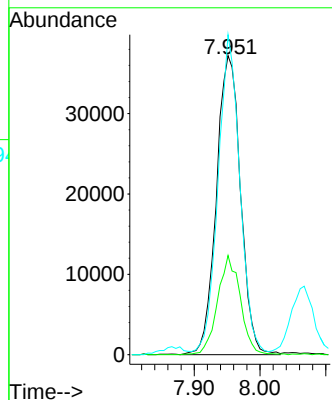
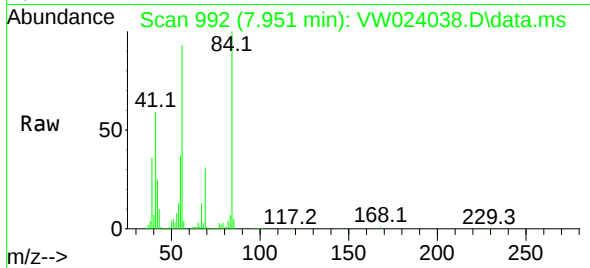




#29
Cyclohexane
Concen: 18.818 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

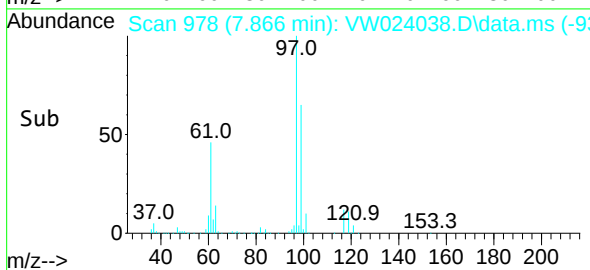
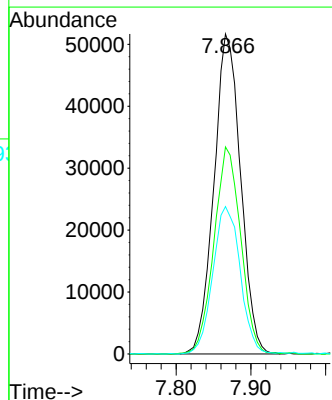
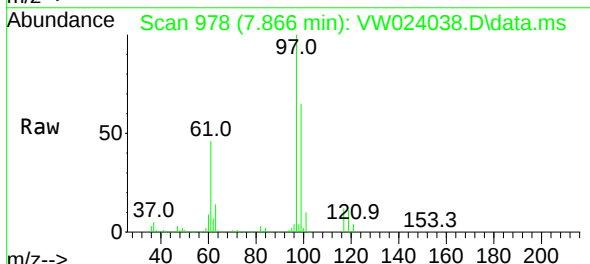
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

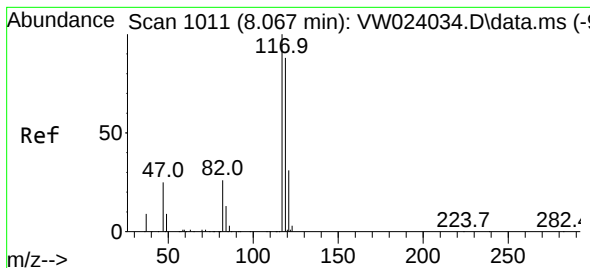
Tgt Ion:	56	Resp:	95225
Ion Ratio	Lower	Upper	
56	100		
69	31.1	25.4	38.0
84	97.0	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 21.421 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:	97	Resp:	128330
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.0	76.6
61	47.2	37.5	56.3

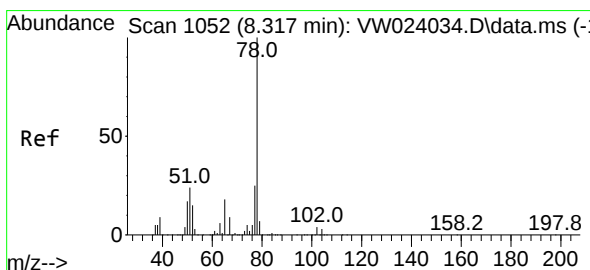
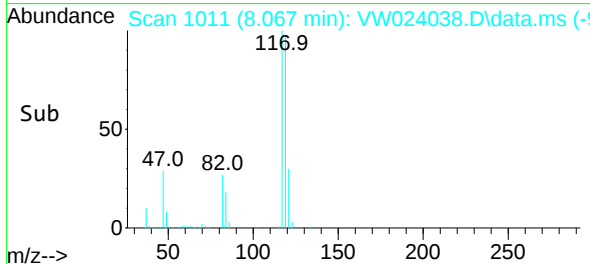
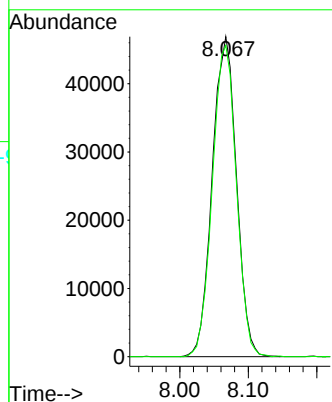
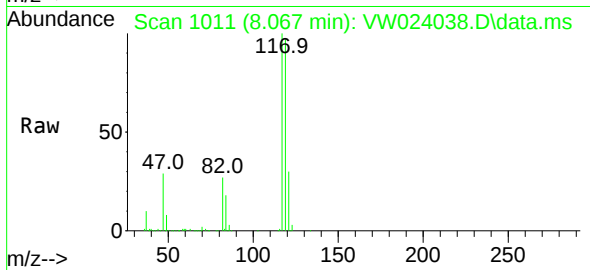




#31
Carbon tetrachloride
Concen: 21.277 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

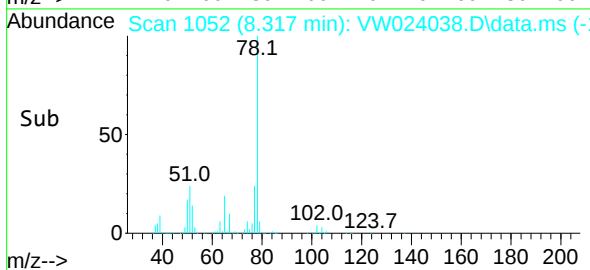
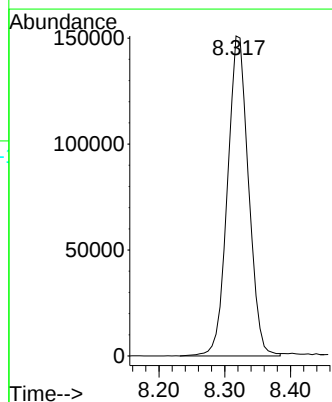
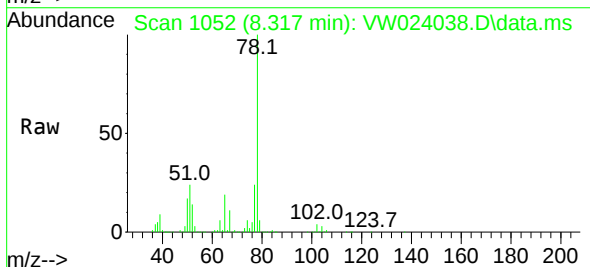
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

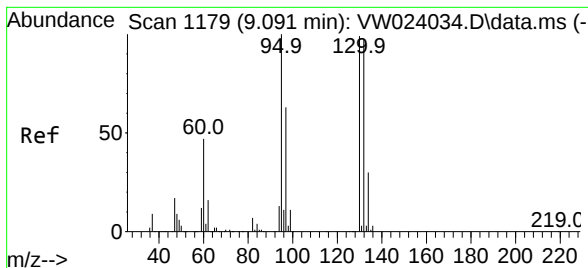
Tgt Ion:117 Resp: 114902
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



#33
Benzene
Concen: 21.342 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 78 Resp: 335561





#34

Trichloroethene

Concen: 20.087 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

Tgt Ion: 95 Resp: 83399

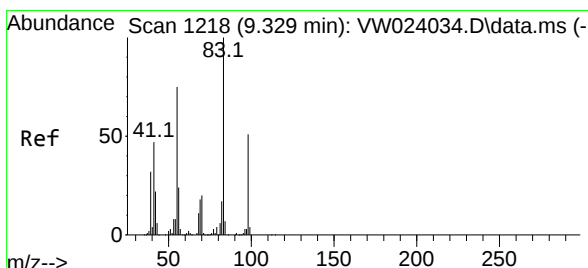
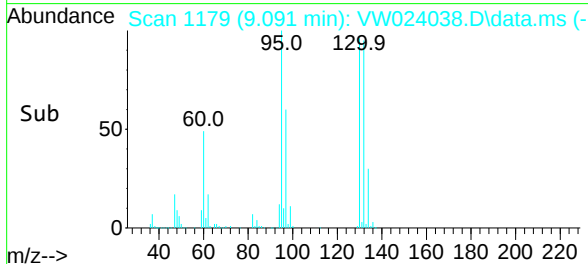
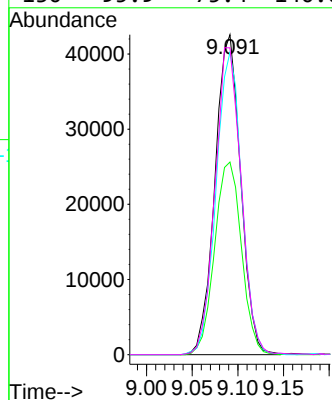
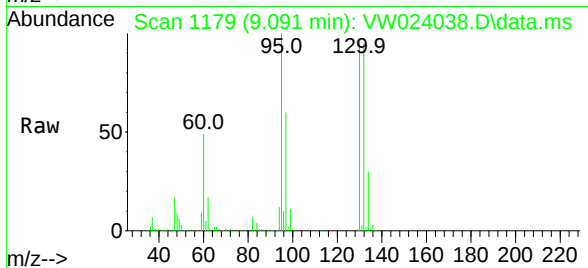
Ion Ratio Lower Upper

95 100

97 60.2 45.6 84.8

132 94.5 69.9 129.7

130 95.9 75.4 140.0



#35

Methylcyclohexane

Concen: 18.073 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

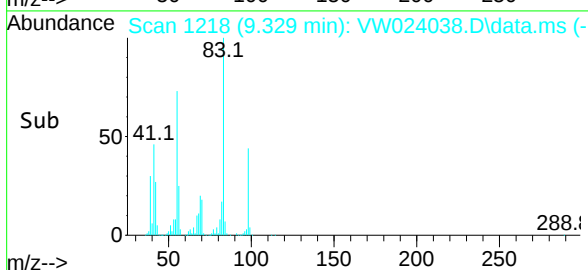
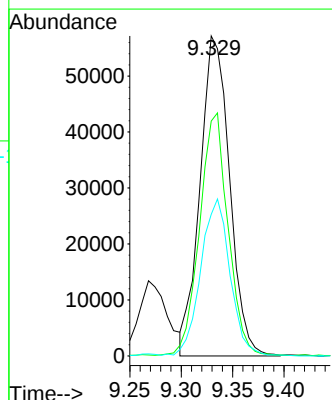
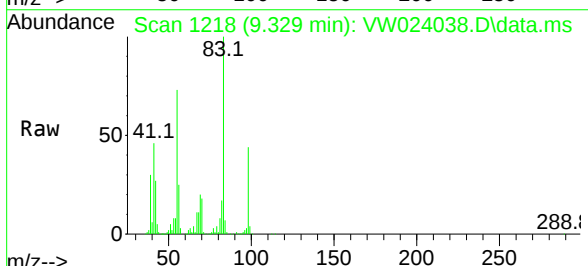
Tgt Ion: 83 Resp: 114266

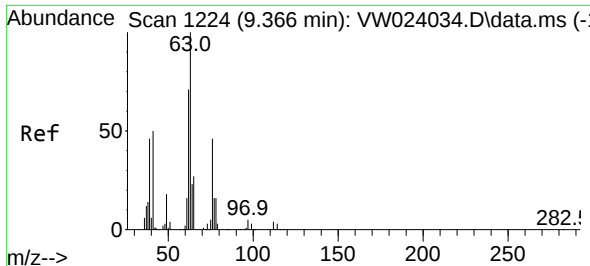
Ion Ratio Lower Upper

83 100

55 73.5 60.8 91.2

98 48.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 21.975 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

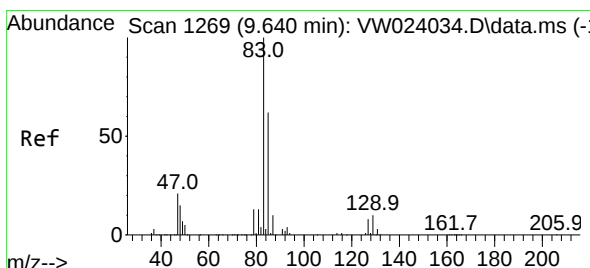
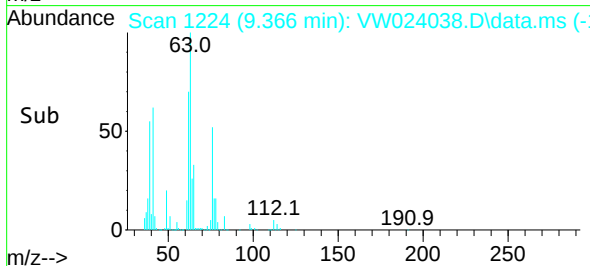
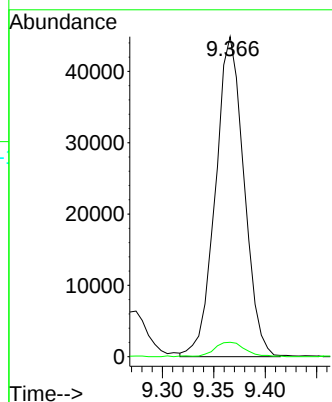
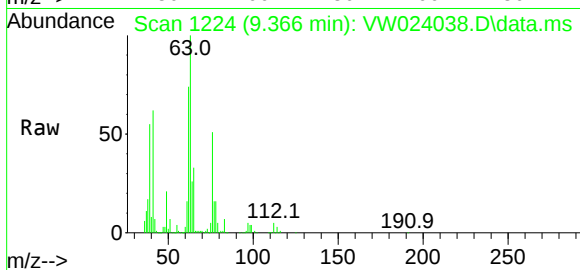
DBUL9MSD

Tgt Ion: 63 Resp: 86622

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2



#38

Bromodichloromethane

Concen: 22.731 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

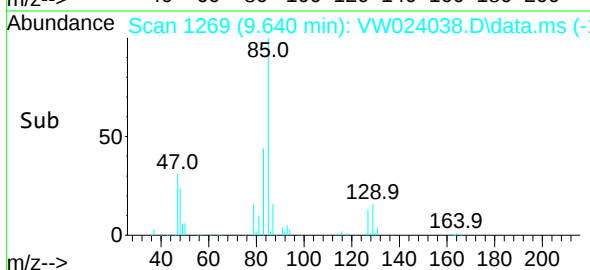
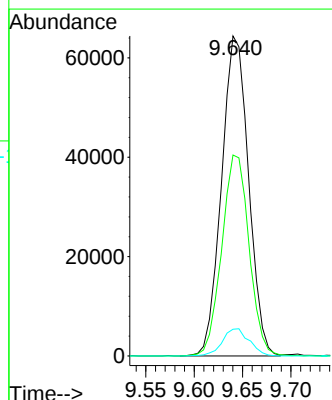
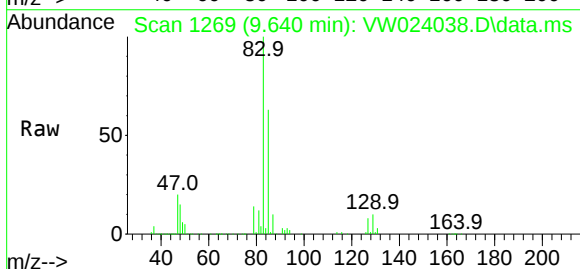
Tgt Ion: 83 Resp: 125055

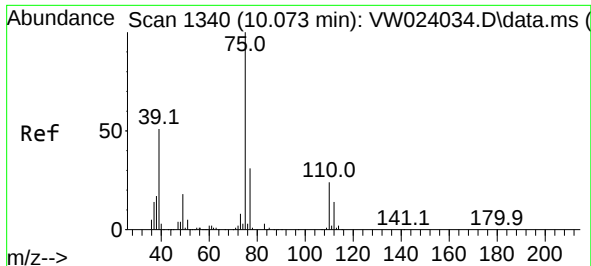
Ion Ratio Lower Upper

83 100

85 62.8 45.5 84.5

127 8.3 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 21.552 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

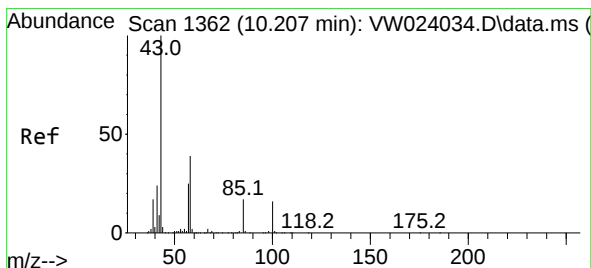
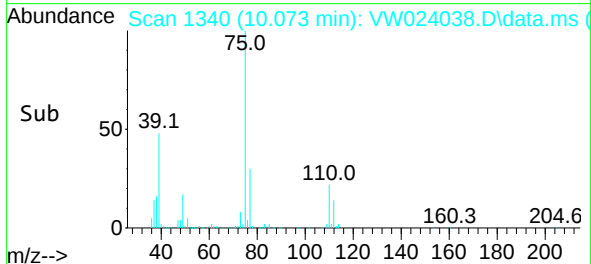
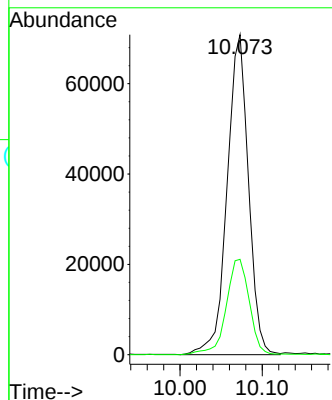
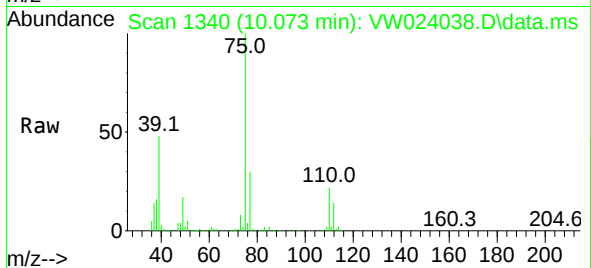
DBUL9MSD

Tgt Ion: 75 Resp: 128050

Ion Ratio Lower Upper

75 100

77 29.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 44.487 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

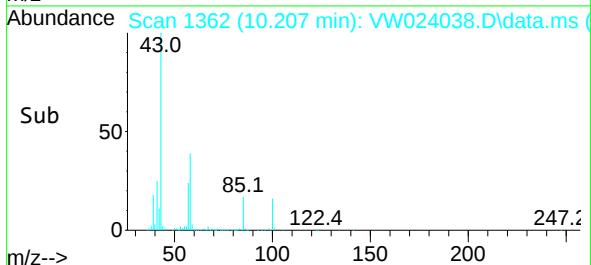
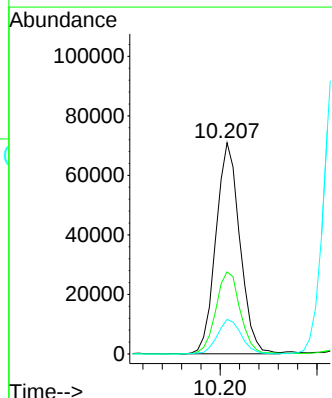
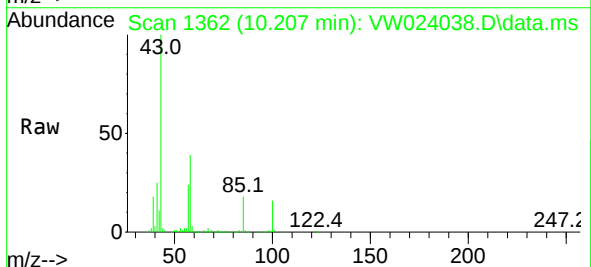
Tgt Ion: 43 Resp: 122029

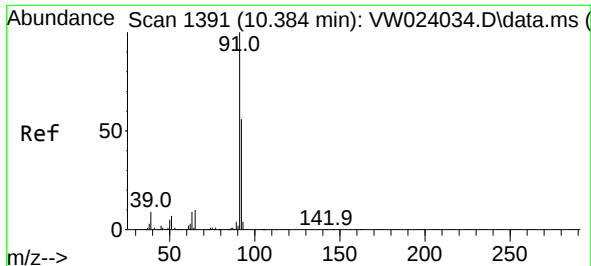
Ion Ratio Lower Upper

43 100

58 39.0 29.8 44.8

100 16.4 13.0 19.4

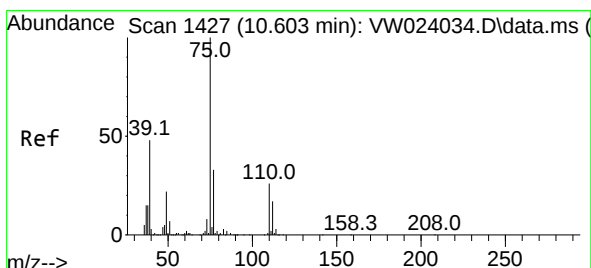
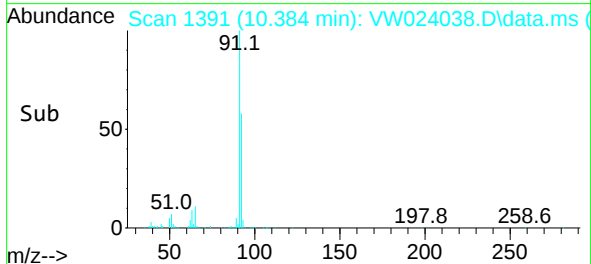
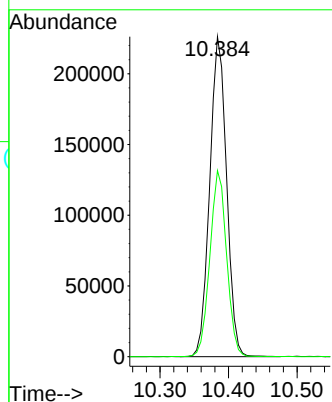
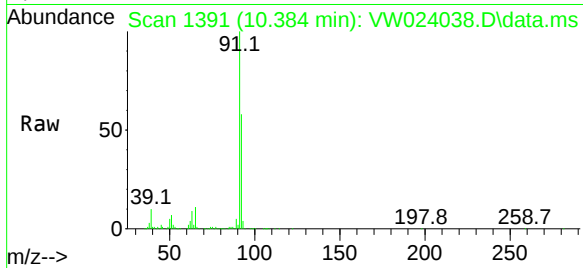




#42
Toluene
Concen: 21.550 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

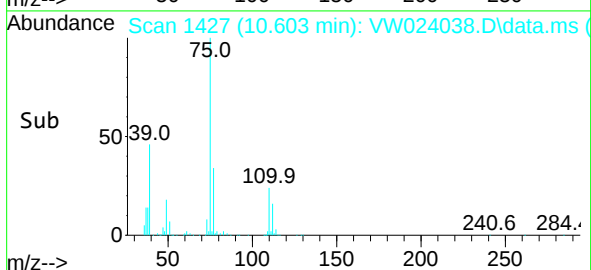
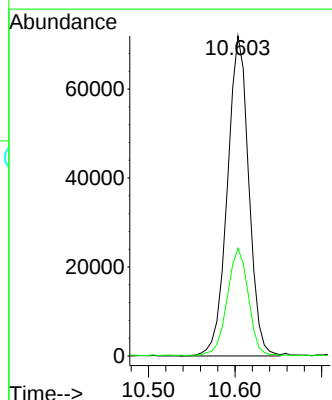
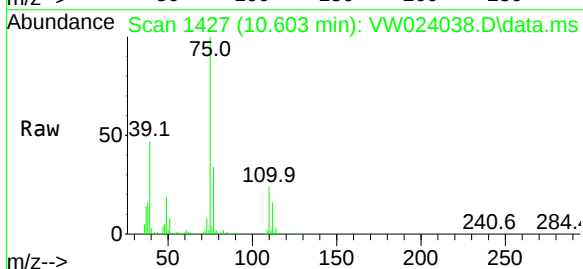
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

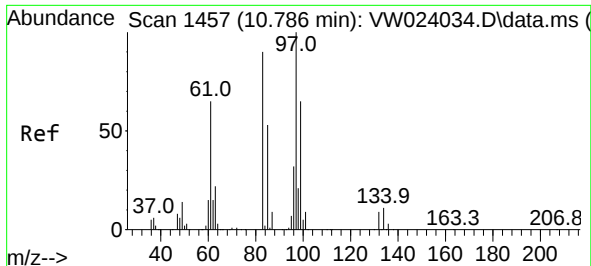
Tgt Ion: 91 Resp: 386417
Ion Ratio Lower Upper
91 100
92 58.1 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 21.887 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion: 75 Resp: 123598
Ion Ratio Lower Upper
75 100
77 33.7 22.0 41.0

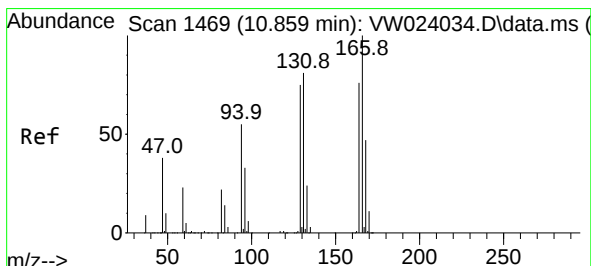
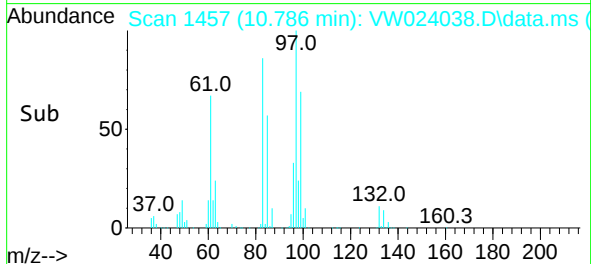
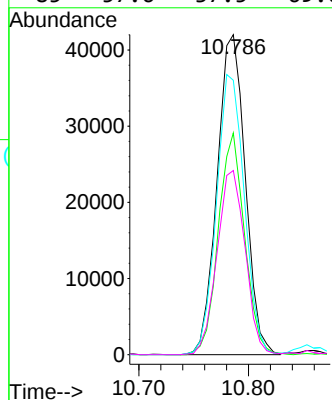
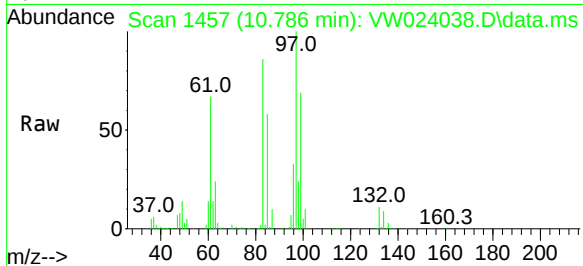




#45
1,1,2-Trichloroethane
Concen: 21.733 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

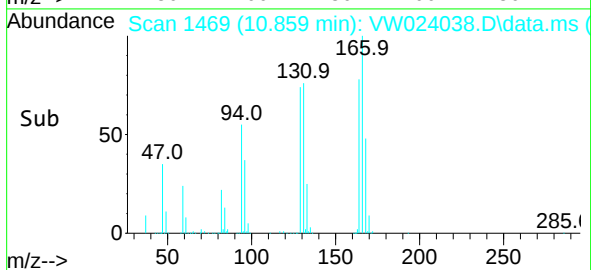
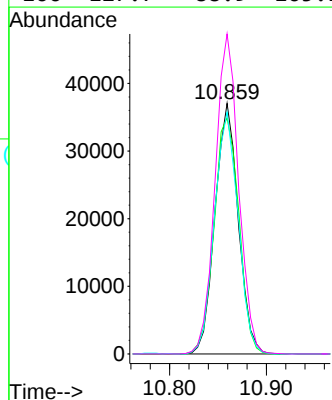
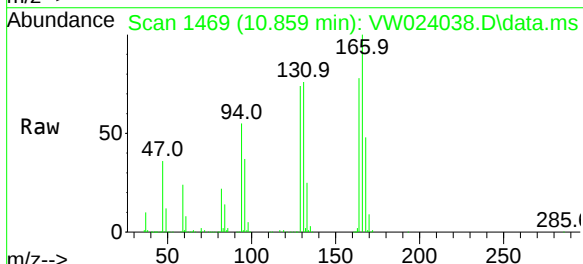
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

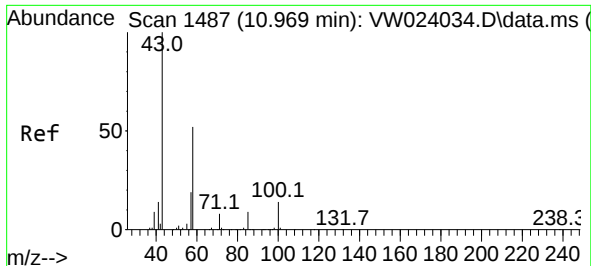
Tgt Ion: 97	Resp: 74909
Ion Ratio	Lower Upper
97 100	
99 69.3	44.2 82.2
83 85.7	59.8 111.0
85 57.6	37.5 69.6



#46
Tetrachloroethene
Concen: 19.251 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt	Ion:164	Resp:	61805
Ion	Ratio	Lower	Upper
164	100		
129	94.3	72.4	134.5
131	96.5	67.8	125.8
166	127.7	88.9	165.1





#48

2-Hexanone

Concen: 45.457 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

Tgt Ion: 43 Resp: 90783

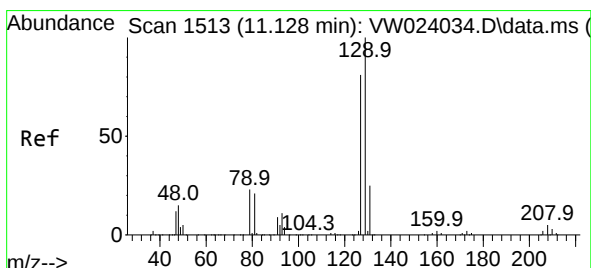
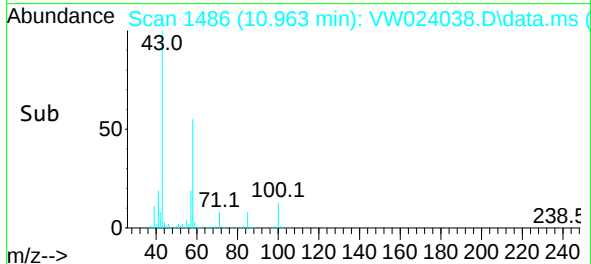
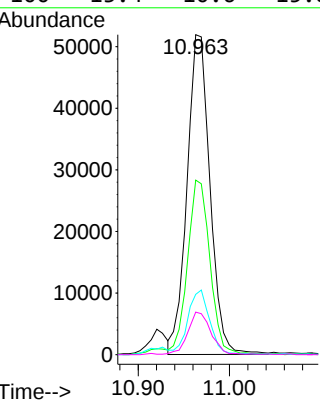
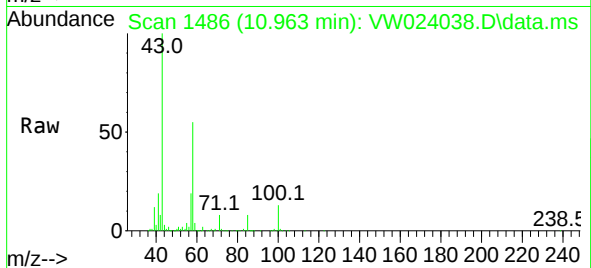
Ion Ratio Lower Upper

43 100

58 53.4 41.6 62.4

57 19.1 14.6 21.8

100 13.4 10.6 15.8



#49

Dibromochloromethane

Concen: 23.133 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024038.D

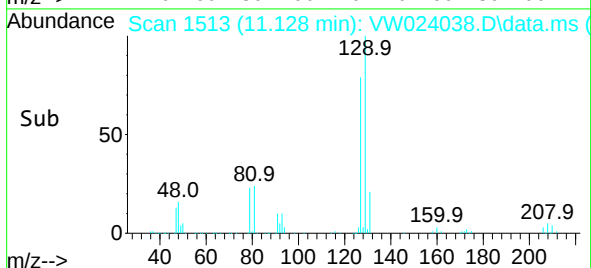
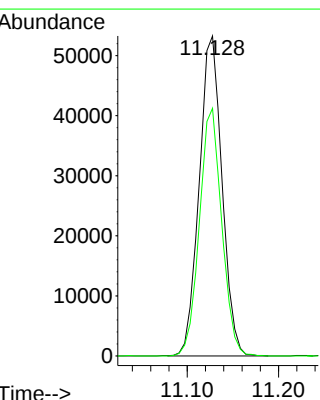
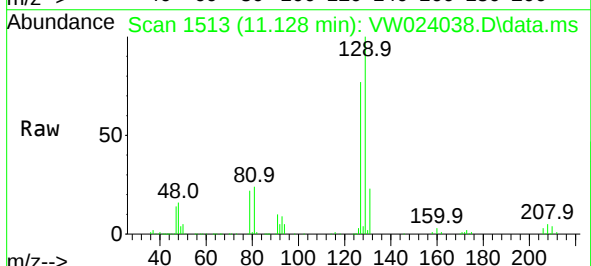
Acq: 23 Jul 2022 07:50

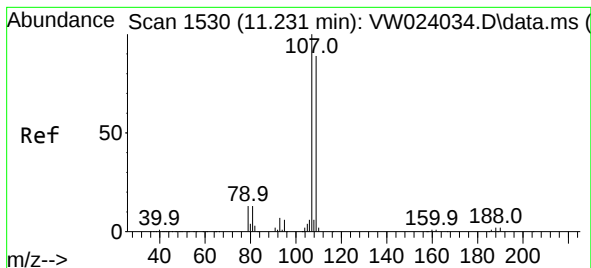
Tgt Ion: 129 Resp: 92465

Ion Ratio Lower Upper

129 100

127 77.4 53.7 99.7

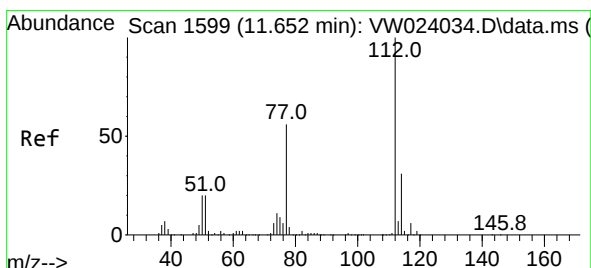
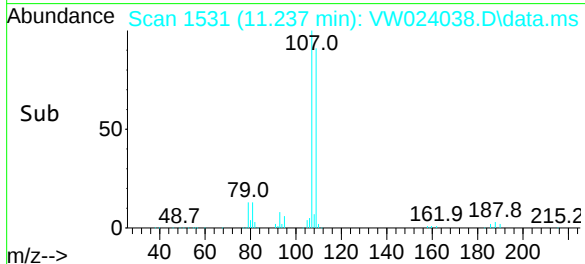
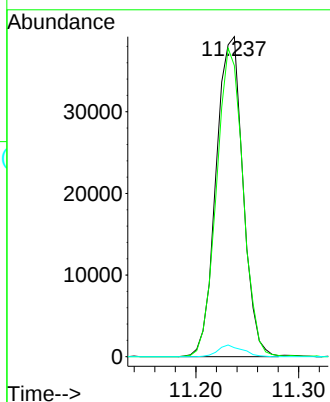
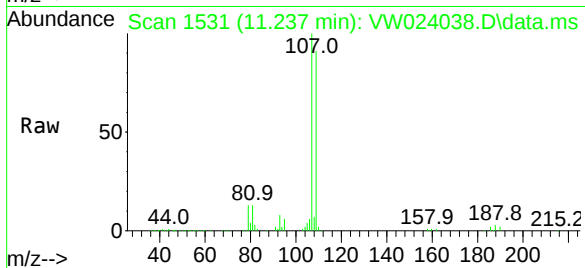




#50
1,2-Dibromoethane
Concen: 21.520 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

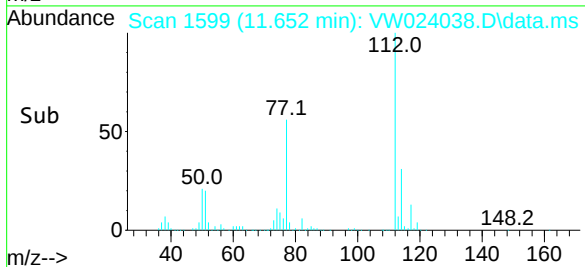
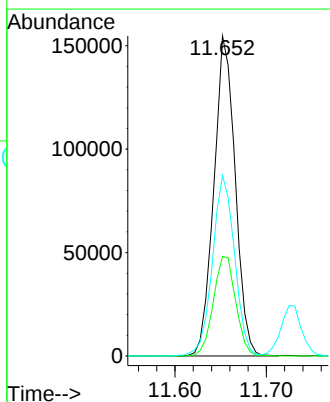
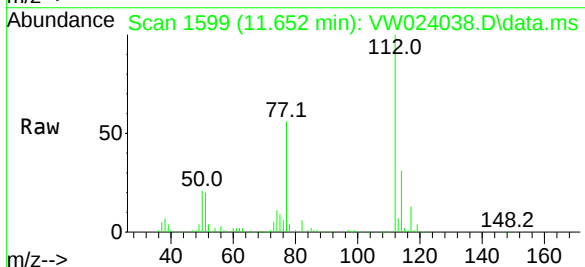
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

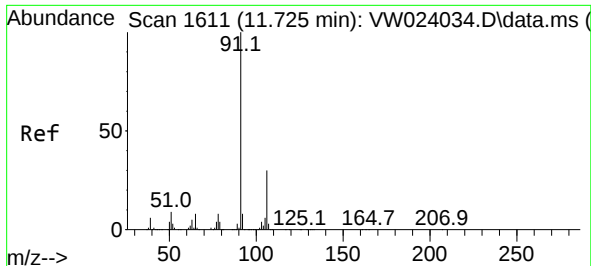
Tgt Ion:107 Resp: 71262
Ion Ratio Lower Upper
107 100
109 90.9 62.4 116.0
188 2.8 2.3 3.5



#51
Chlorobenzene
Concen: 20.752 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:112 Resp: 250965
Ion Ratio Lower Upper
112 100
114 31.1 21.1 39.3
77 56.4 46.6 69.8

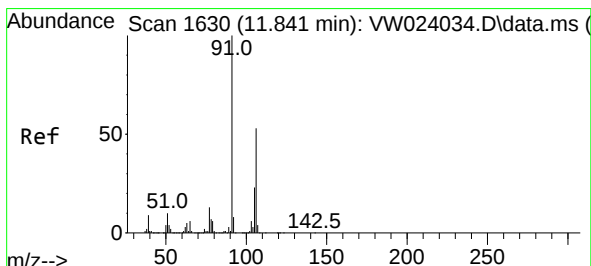
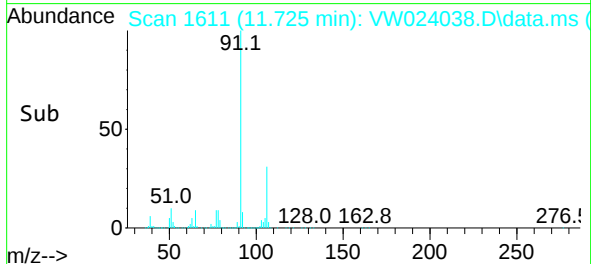
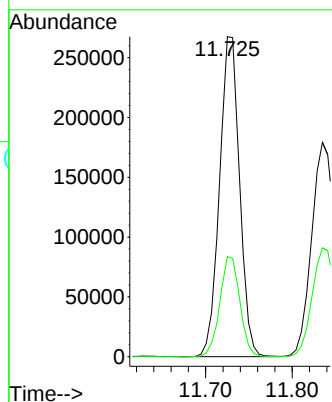
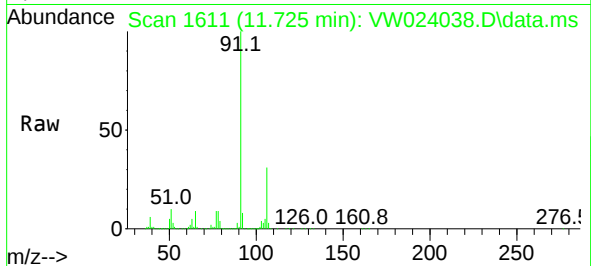




#52
Ethylbenzene
Concen: 21.128 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

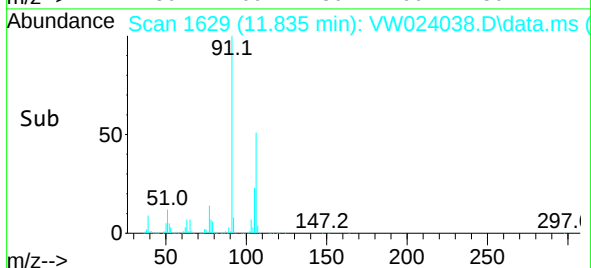
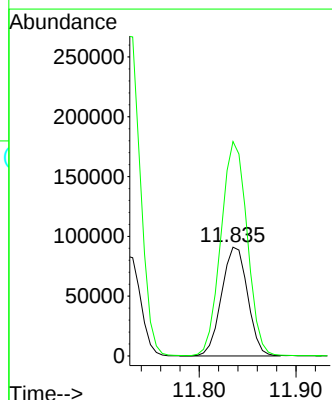
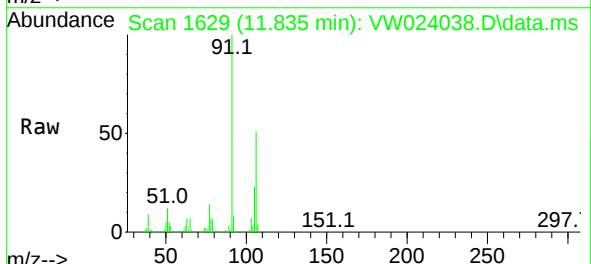
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

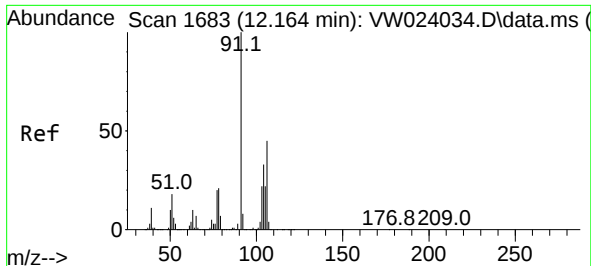
Tgt Ion: 91 Resp: 430507
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.9



#53
m,p-Xylene
Concen: 21.361 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:106 Resp: 169823
Ion Ratio Lower Upper
106 100
91 197.2 142.8 265.2

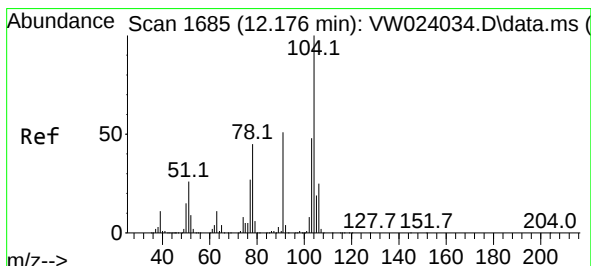
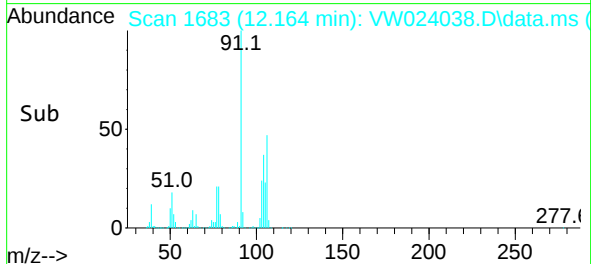
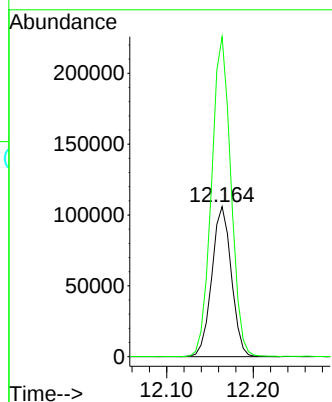
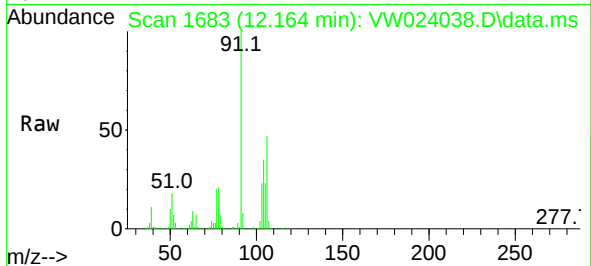




#54
o-Xylene
Concen: 21.748 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

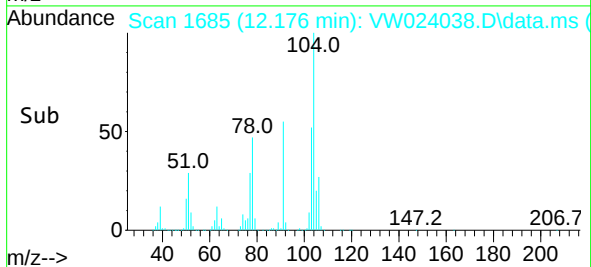
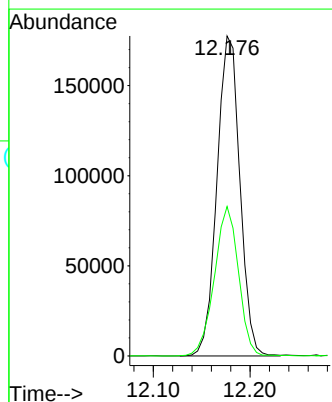
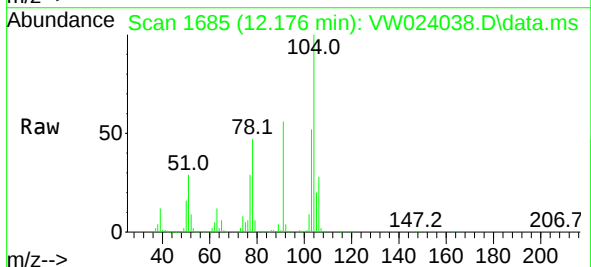
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

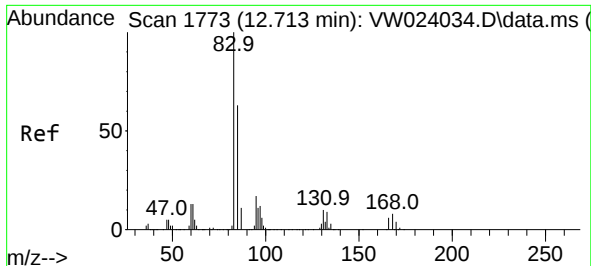
Tgt Ion:106 Resp: 166047
Ion Ratio Lower Upper
106 100
91 213.2 149.6 277.8



#55
Styrene
Concen: 21.659 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:104 Resp: 292138
Ion Ratio Lower Upper
104 100
78 46.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.188 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

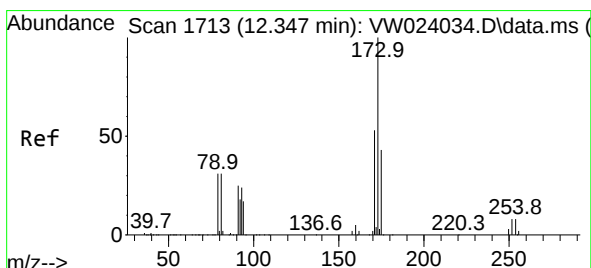
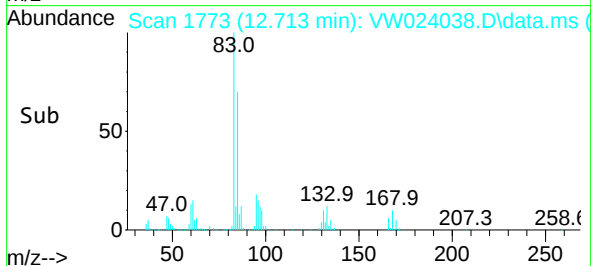
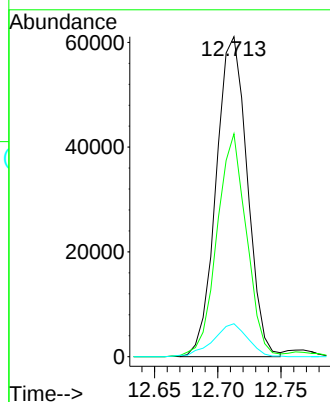
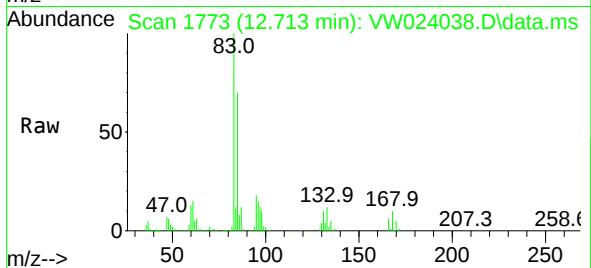
Tgt Ion: 83 Resp: 104312

Ion Ratio Lower Upper

83 100

85 69.6 46.5 86.3

131 10.3 7.4 11.0



#59

Bromoform

Concen: 23.962 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

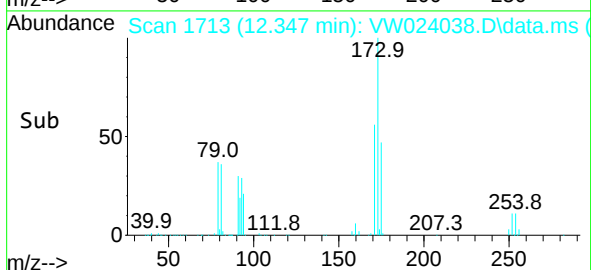
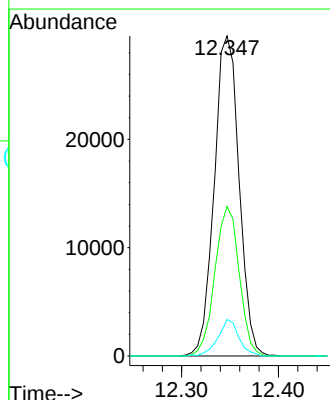
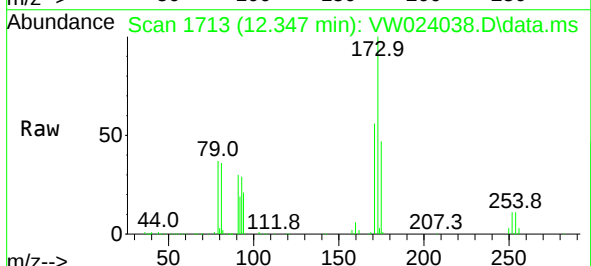
Tgt Ion: 173 Resp: 52737

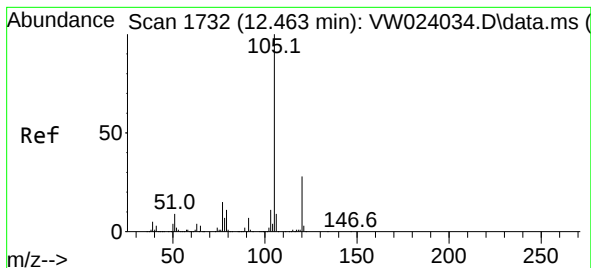
Ion Ratio Lower Upper

173 100

175 45.6 38.9 58.3

254 9.6 5.9 8.9#





#60

Isopropylbenzene

Concen: 22.185 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

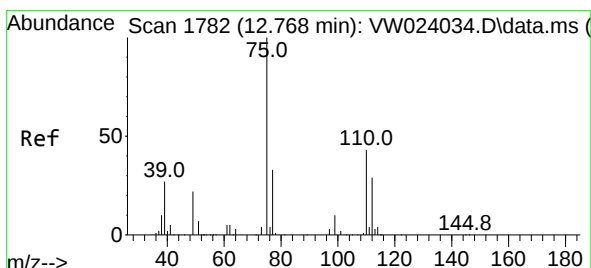
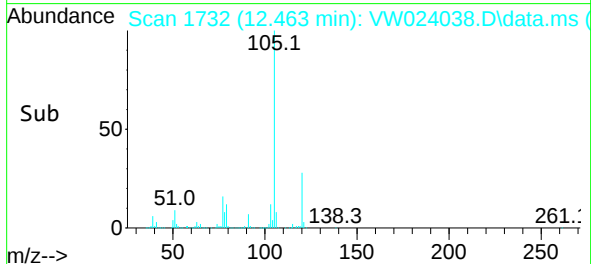
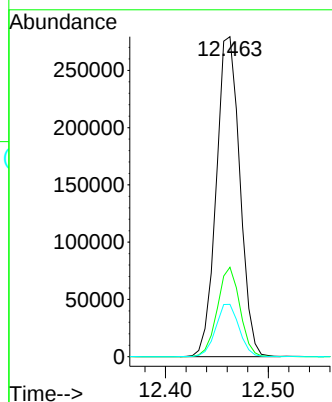
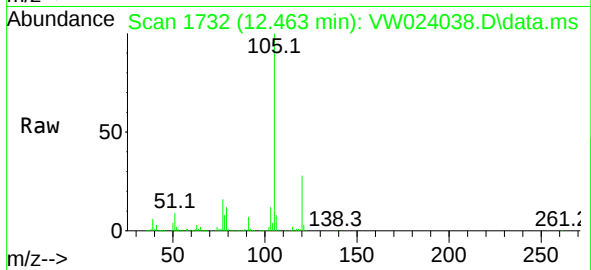
Tgt Ion:105 Resp: 444815

Ion Ratio Lower Upper

105 100

120 26.8 20.7 31.1

77 16.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 22.195 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

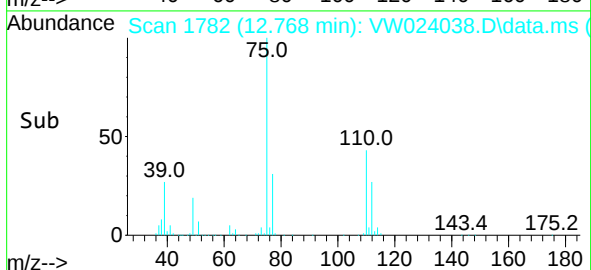
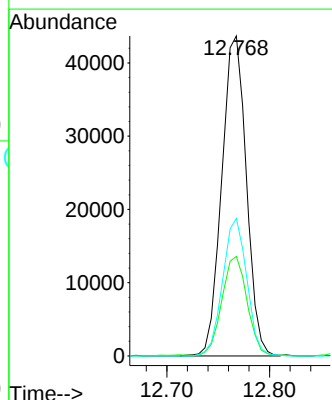
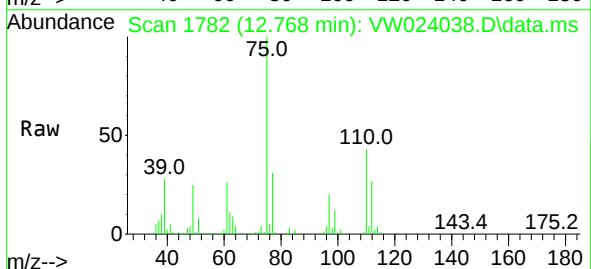
Tgt Ion: 75 Resp: 72641

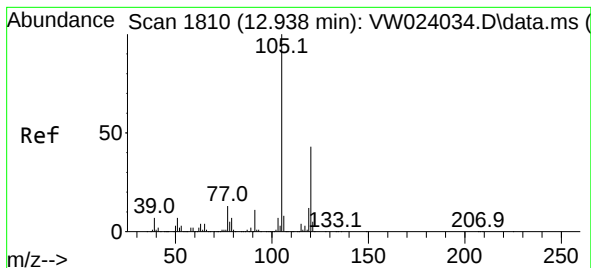
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

110 42.2 31.9 47.9

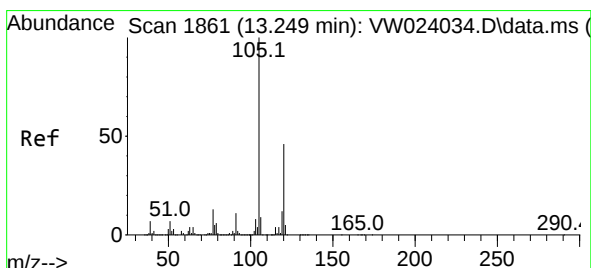
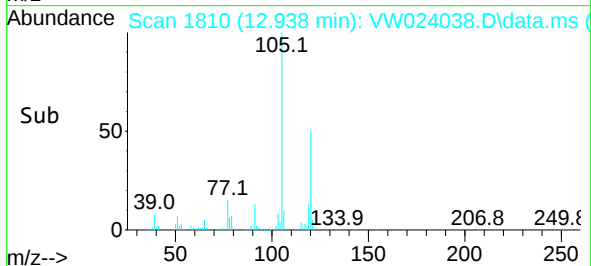
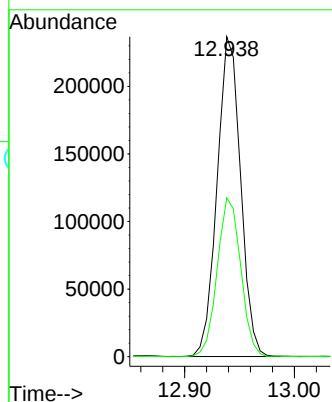
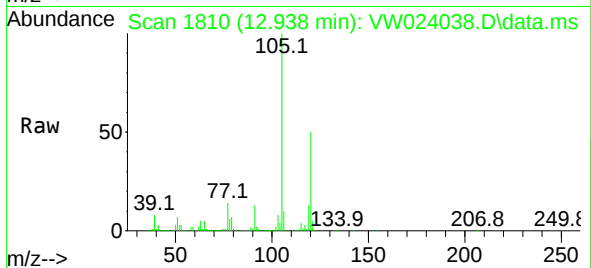




#62
1,3,5-Trimethylbenzene
Concen: 21.474 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

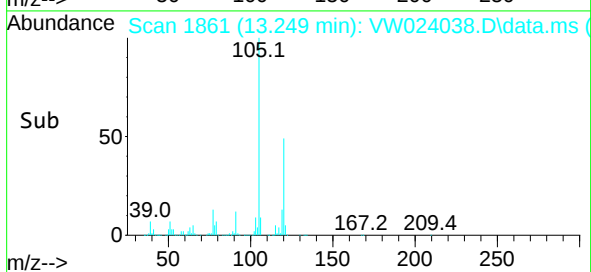
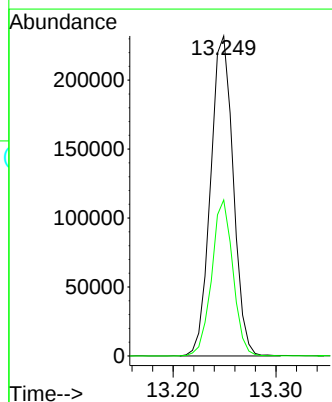
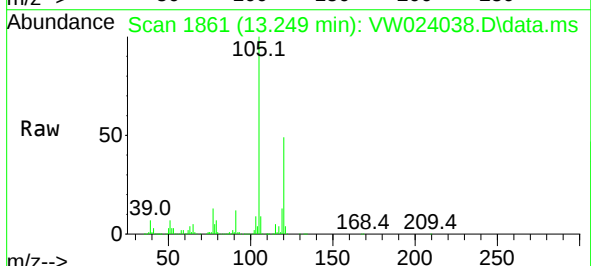
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

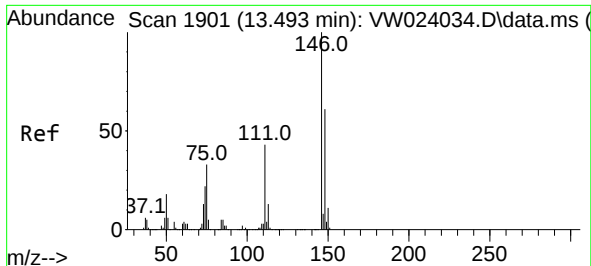
Tgt Ion:105 Resp: 352501
Ion Ratio Lower Upper
105 100
120 49.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 21.625 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:105 Resp: 354898
Ion Ratio Lower Upper
105 100
120 45.7 35.5 53.3

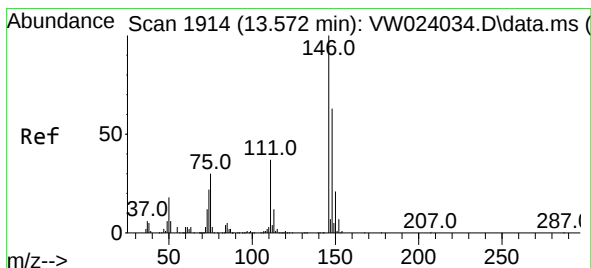
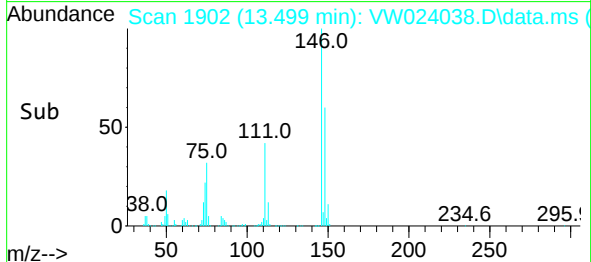
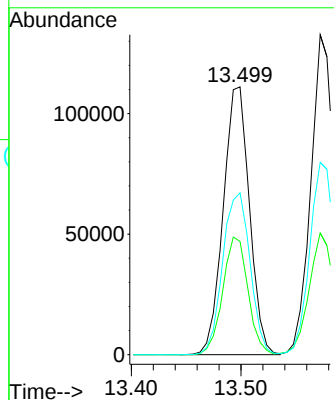
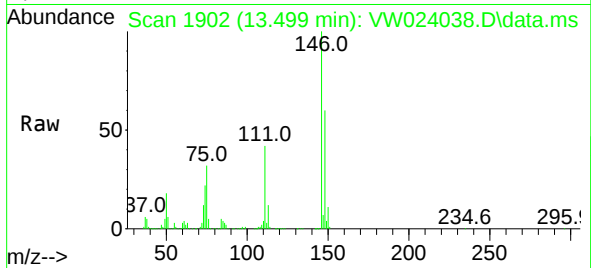




#64
1,3-Dichlorobenzene
Concen: 20.272 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

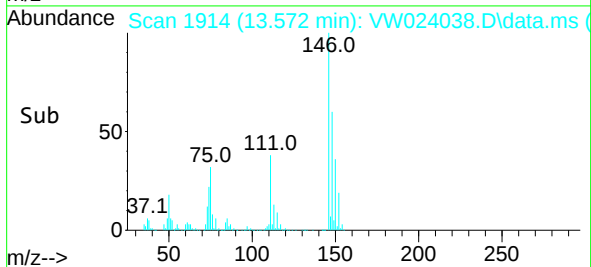
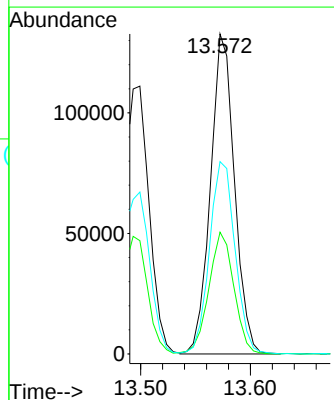
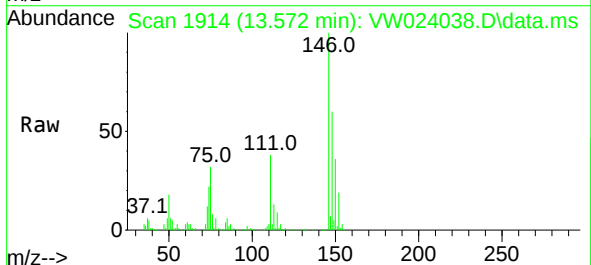
Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

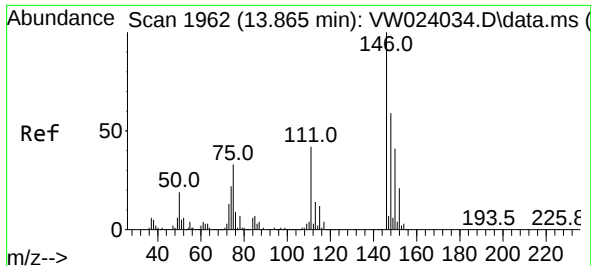
Tgt Ion:146 Resp: 184542
Ion Ratio Lower Upper
146 100
111 42.3 28.6 53.2
148 60.4 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 20.871 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:146 Resp: 202135
Ion Ratio Lower Upper
146 100
111 38.0 29.4 54.6
148 60.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 21.552 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

Instrument :

MSVOA_W

ClientSampleId :

DBUL9MSD

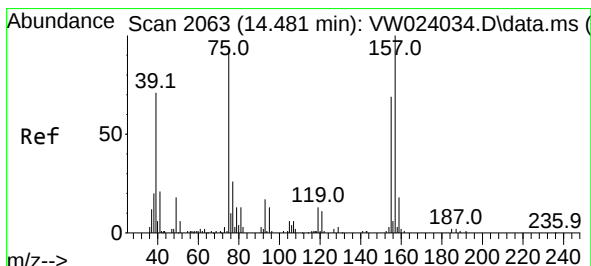
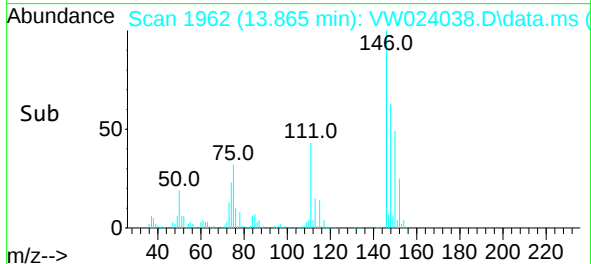
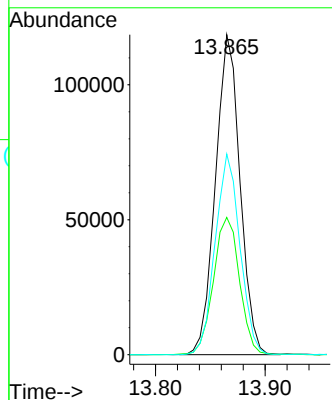
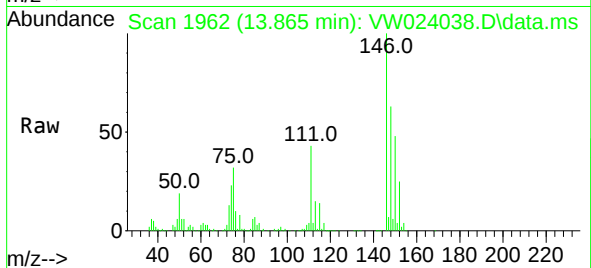
Tgt Ion:146 Resp: 185034

Ion Ratio Lower Upper

146 100

111 42.9 35.9 53.9

148 62.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.168 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024038.D

Acq: 23 Jul 2022 07:50

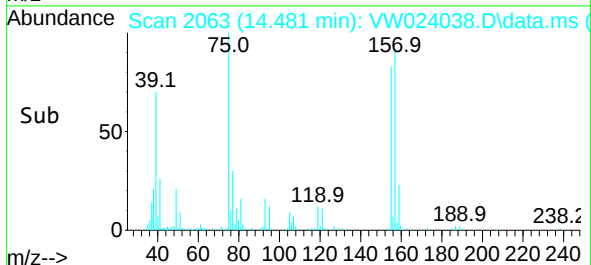
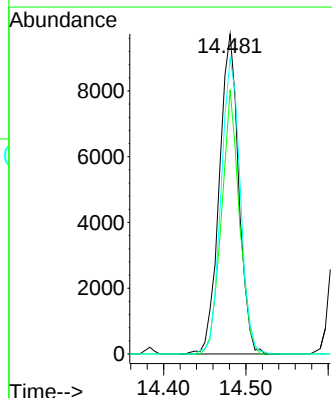
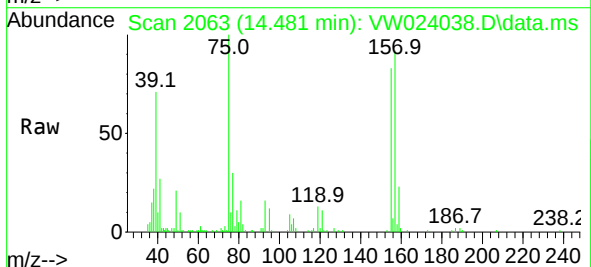
Tgt Ion: 75 Resp: 15979

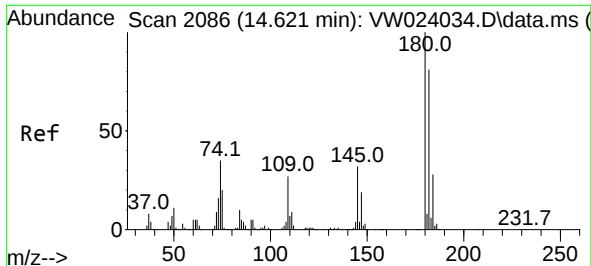
Ion Ratio Lower Upper

75 100

155 82.5 51.7 77.5#

157 92.3 63.5 95.3

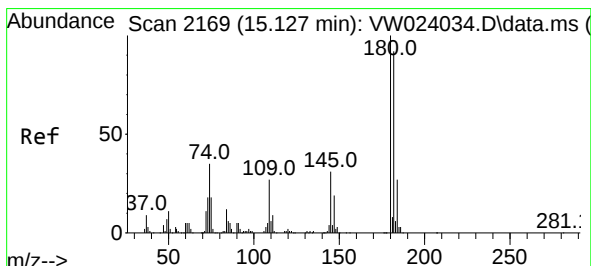
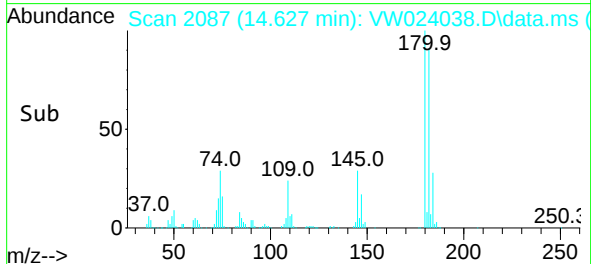
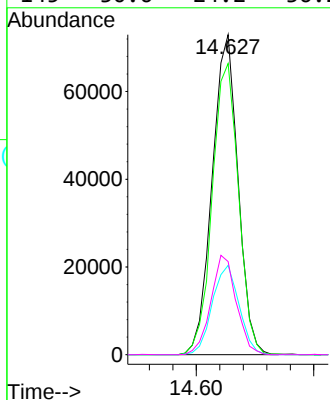
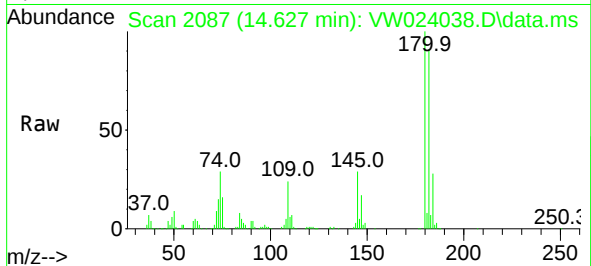




#69
 1,3,5-Trichlorobenzene
 Concen: 18.500 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

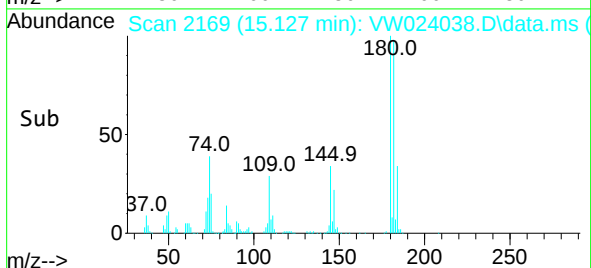
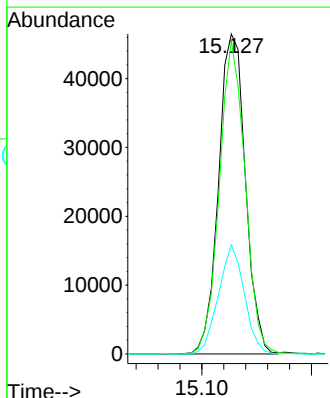
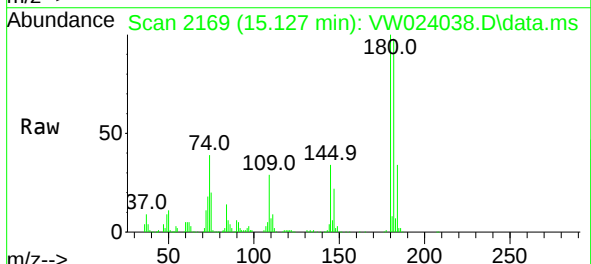
Instrument :
 MSVOA_W
 ClientSampleId :
 DBUL9MSD

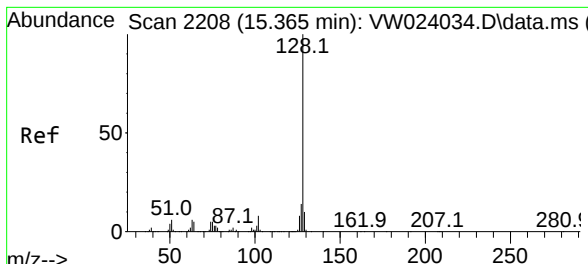
Tgt Ion:180	Resp:	111470
Ion Ratio	Lower	Upper
180	100	
182	92.4	70.2 105.2
184	29.0	22.6 34.0
145	30.6	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 16.955 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024038.D
 Acq: 23 Jul 2022 07:50

Tgt Ion:180	Resp:	78886
Ion Ratio	Lower	Upper
180	100	
182	93.9	77.5 116.3
145	32.9	26.3 39.5

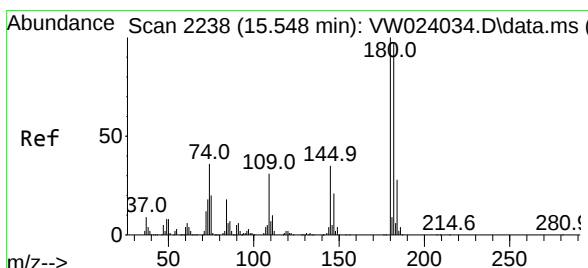
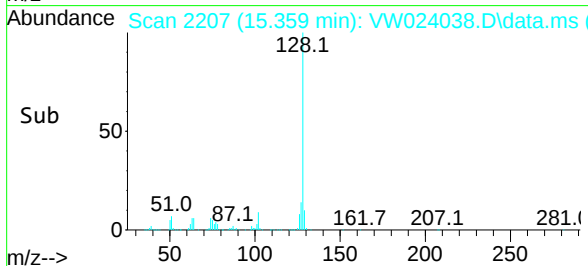
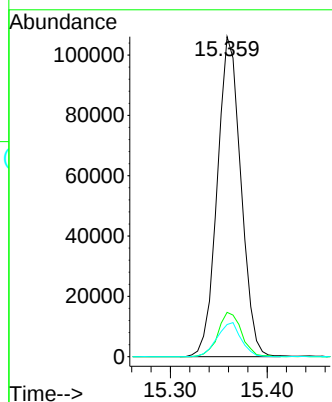
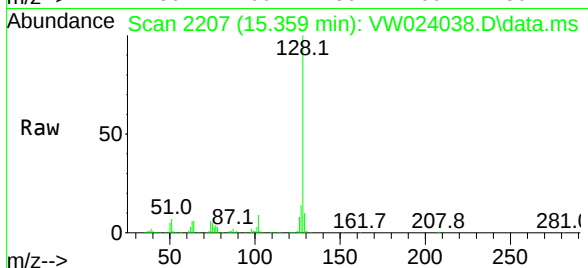




#71
Naphthalene
Concen: 18.048 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Instrument :
MSVOA_W
ClientSampleId :
DBUL9MSD

Tgt Ion:128 Resp: 180126
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 10.8 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 16.662 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024038.D
Acq: 23 Jul 2022 07:50

Tgt Ion:180 Resp: 72260
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 33.9 27.8 41.6

