

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024394.D
 Acq On : 27 Aug 2022 11:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 00:57:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	206214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	224397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133825	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
7) Chloroethane-d5	2.873	69	119689	28.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	4.007	63	120510	24.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.760%
21) 2-Butanone-d5	7.080	46	46123	44.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.100%
24) Chloroform-d	7.641	84	159700	24.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	8.305	65	99265	24.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.268	84	294555	22.910	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.268	67	93591	23.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.317	98	296410	24.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.573	79	42947	22.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.800%
47) 2-Hexanone-d5	10.920	63	41526	46.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127315	28.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	144139	25.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	45371	21.967	ug/L	99
3) Chloromethane	2.215	50	84039	21.778	ug/L	99
5) Vinyl chloride	2.355	62	163345	24.215	ug/L	99
6) Bromomethane	2.769	94	121136	25.584	ug/L	93
8) Chloroethane	2.910	64	94931	26.939	ug/L	99
9) Trichlorofluoromethane	3.245	101	86381	27.231	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	72867	23.949	ug/L #	79
12) 1,1-Dichloroethene	4.031	96	60683	24.636	ug/L	90
13) Acetone	4.117	43	24379	39.017	ug/L	99
14) Carbon disulfide	4.379	76	183265	22.387	ug/L	98
15) Methyl Acetate	4.665	43	30478	19.939	ug/L	96
16) Methylene chloride	4.909	84	70228	20.306	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	70770	24.273	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	110668	23.182	ug/L	99
19) 1,1-Dichloroethane	6.208	63	127993	23.216	ug/L	99
22) 2-Butanone	7.171	43	43535	39.052	ug/L	98
23) Bromochloromethane	7.513	128	35479	22.662	ug/L	92
25) Chloroform	7.671	83	142115	23.233	ug/L	95
27) 1,2-Dichloroethane	8.396	62	106142	23.839	ug/L	99

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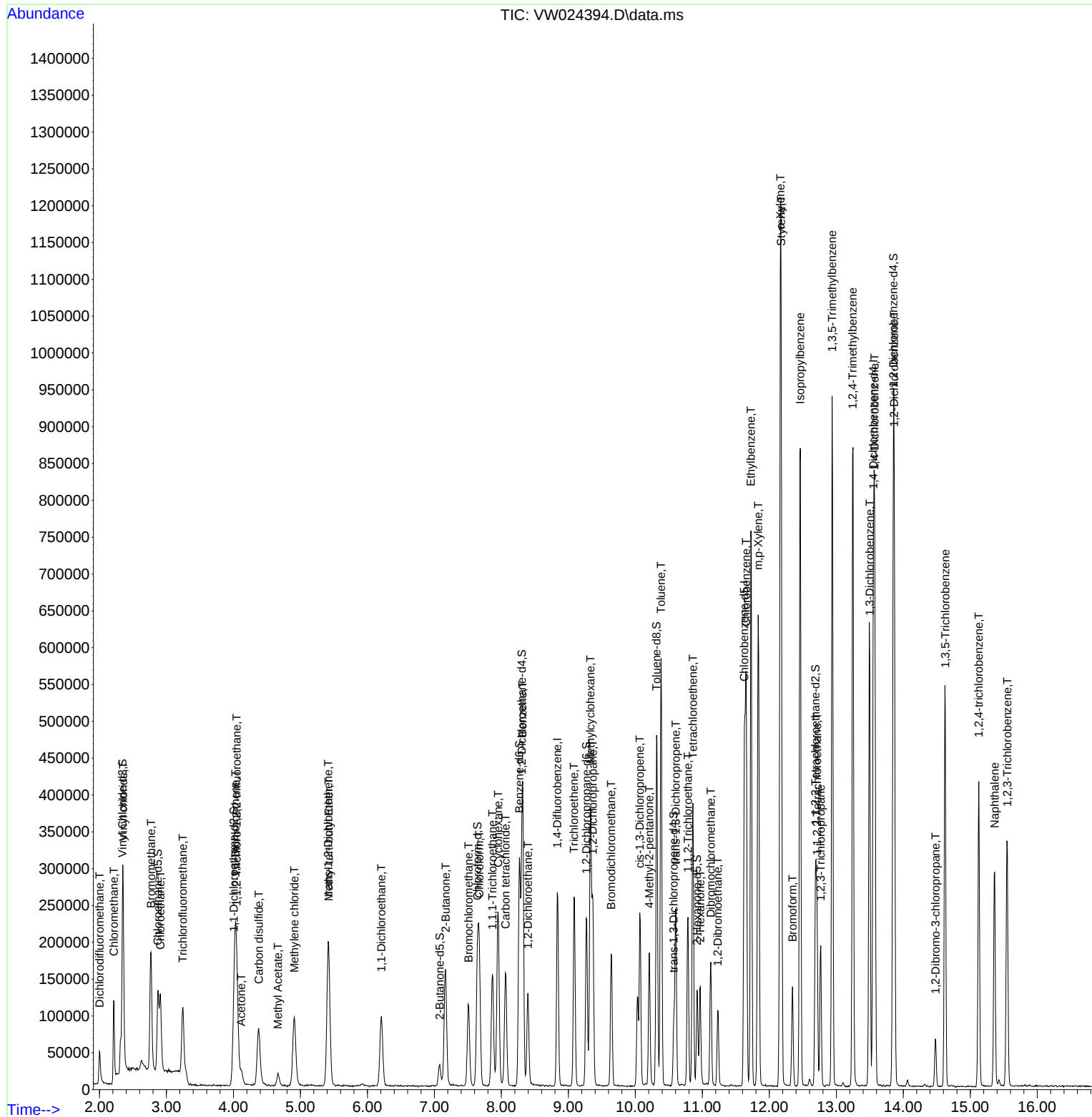
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	115974	23.973	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	111549	21.085	ug/L	97
31) Carbon tetrachloride	8.061	117	105102	21.715	ug/L	99
33) Benzene	8.317	78	320641	22.950	ug/L	100
34) Trichloroethene	9.085	95	81086	22.021	ug/L	93
35) Methylcyclohexane	9.329	83	143321	24.259	ug/L	99
37) 1,2-Dichloropropane	9.366	63	80208	22.246	ug/L	99
38) Bromodichloromethane	9.640	83	110355	22.476	ug/L	96
39) cis-1,3-Dichloropropene	10.067	75	120756	23.960	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	113004	44.077	ug/L	97
42) Toluene	10.384	91	394756	25.603	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	113361	23.147	ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	64247	21.852	ug/L	97
46) Tetrachloroethene	10.859	164	75853	26.524	ug/L	96
48) 2-Hexanone	10.969	43	84572	44.721	ug/L	97
49) Dibromochloromethane	11.128	129	78816	22.665	ug/L	99
50) 1,2-Dibromoethane	11.231	107	63508	22.467	ug/L	92
51) Chlorobenzene	11.652	112	253789	24.524	ug/L	95
52) Ethylbenzene	11.725	91	495932	29.093	ug/L	97
53) m,p-Xylene	11.835	106	195720	29.236	ug/L	97
54) o-Xylene	12.164	106	189435	30.270	ug/L	99
55) Styrene	12.176	104	360794	32.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	103475	25.214	ug/L	99
59) Bromoform	12.347	173	51988	21.279	ug/L #	95
60) Isopropylbenzene	12.463	105	536555	26.535	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70523	20.484	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	452406	27.747	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	449765	28.399	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	230250	23.816	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	238933	23.409	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	221443	24.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	15302	17.690	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	137193	21.986	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	106431	21.941	ug/L	99
71) Naphthalene	15.365	128	236882	22.235	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	100270	21.871	ug/L	99

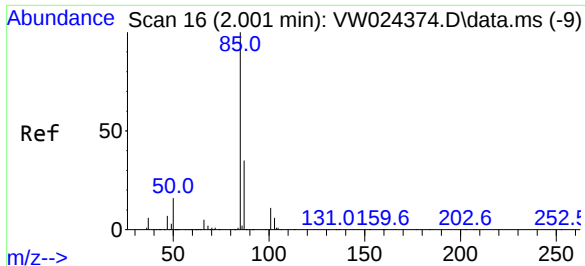
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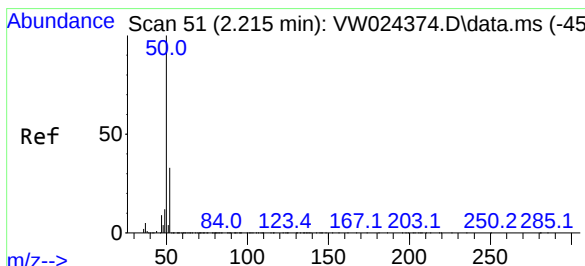
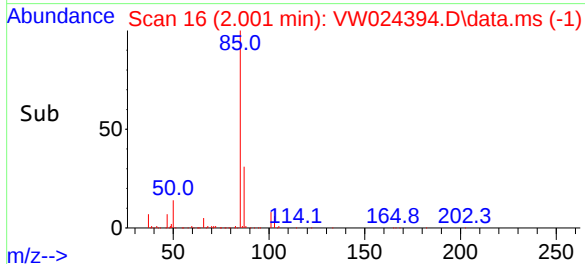
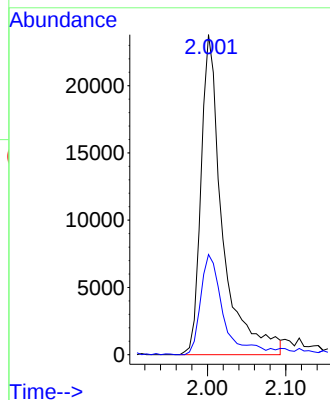
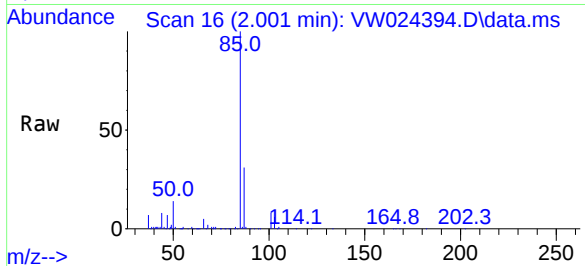




#2
Dichlorodifluoromethane
Concen: 21.967 ug/L
RT: 2.001 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

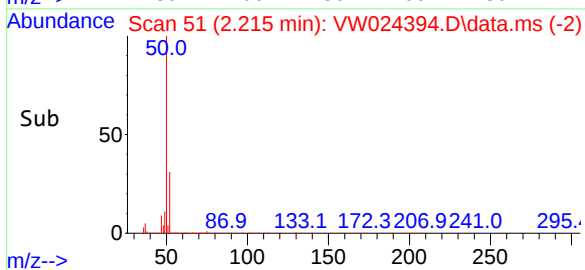
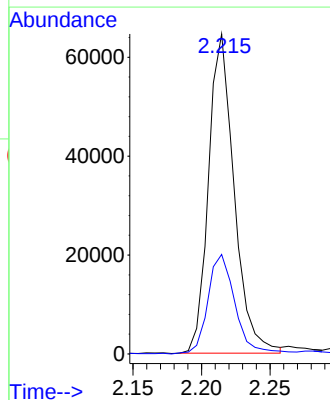
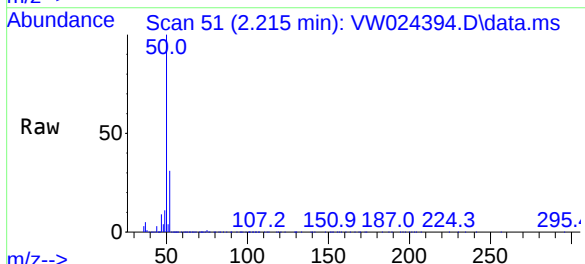
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ClientSampleId :

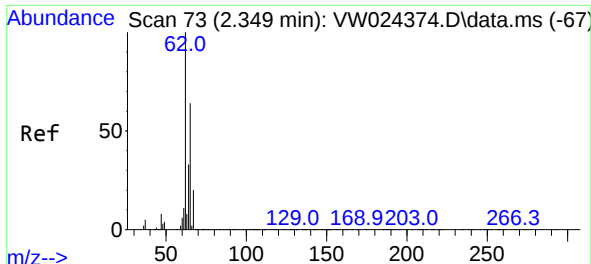
Tgt Ion: 85 Resp: 45371
Ion Ratio Lower Upper
85 100
87 30.5 24.7 37.1



#3
Chloromethane
Concen: 21.778 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 50 Resp: 84039
Ion Ratio Lower Upper
50 100
52 31.1 22.3 41.5

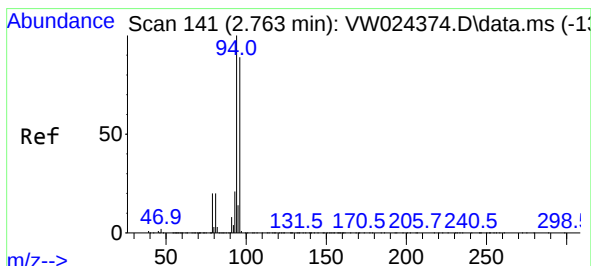
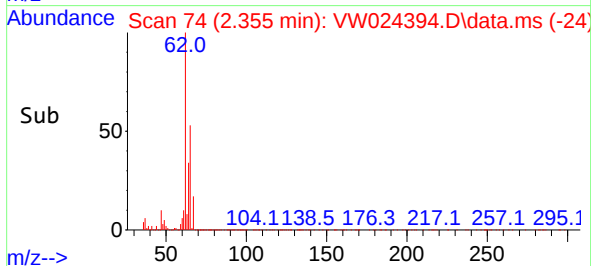
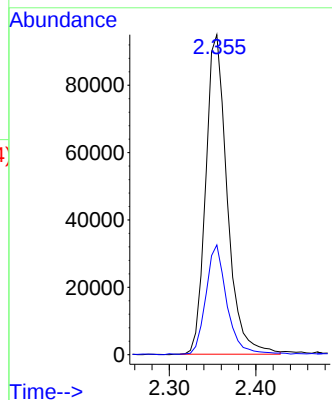
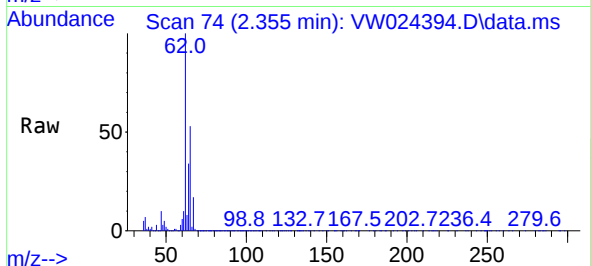




#5
 Vinyl chloride
 Concen: 24.215 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024394.D
 Acq: 27 Aug 2022 11:14

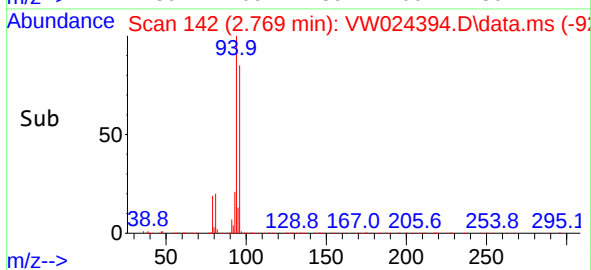
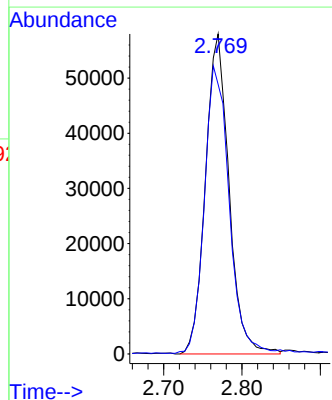
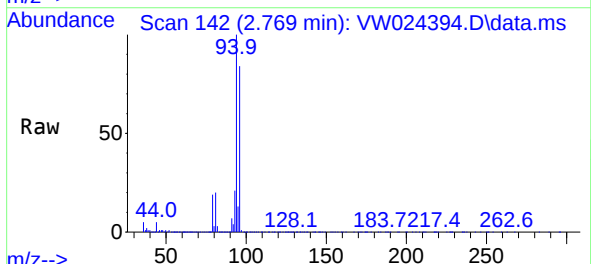
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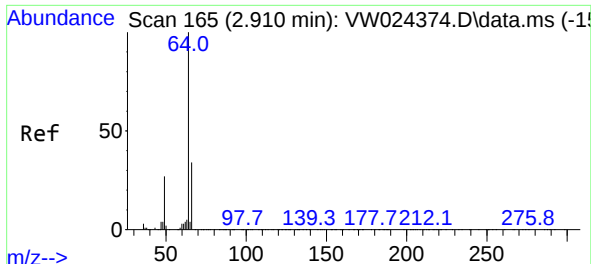
Tgt Ion: 62 Resp: 163345
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.6 43.8



#6
 Bromomethane
 Concen: 25.584 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024394.D
 Acq: 27 Aug 2022 11:14

Tgt Ion: 94 Resp: 121136
 Ion Ratio Lower Upper
 94 100
 96 84.2 63.6 118.0

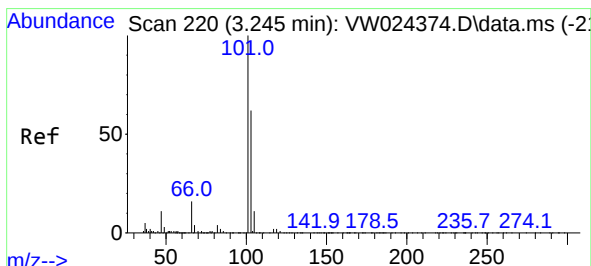
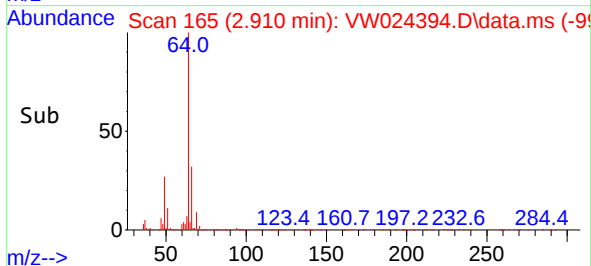
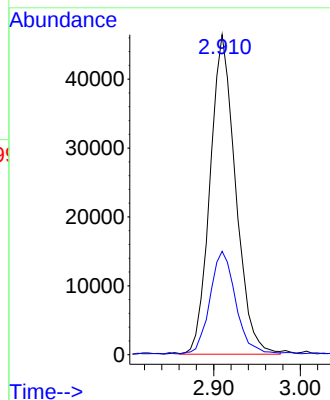
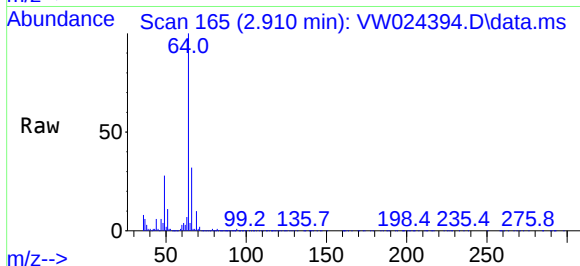




#8
Chloroethane
Concen: 26.939 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

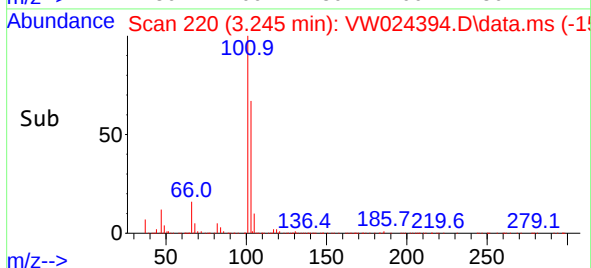
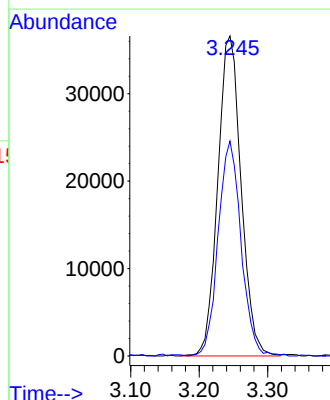
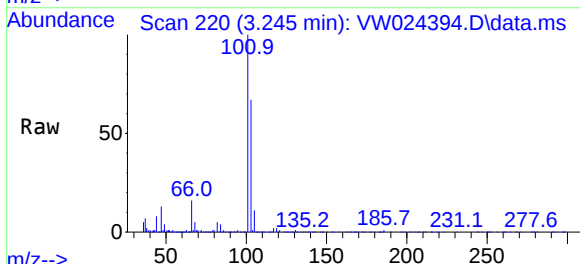
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MSVOA_W
ClientSampleId :

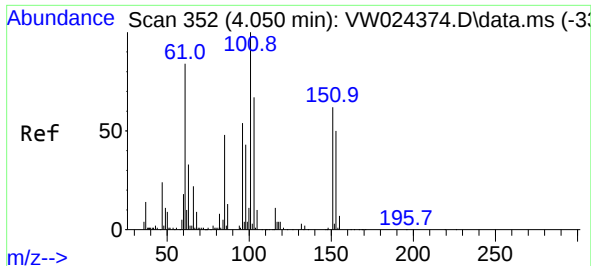
Tgt Ion: 64 Resp: 94931
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 27.231 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion:101 Resp: 86381
Ion Ratio Lower Upper
101 100
103 65.4 50.4 75.6

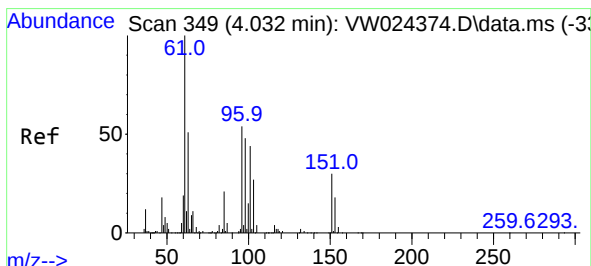
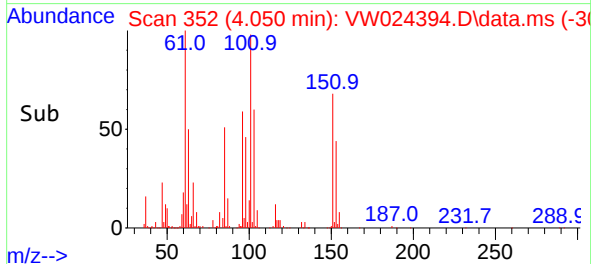
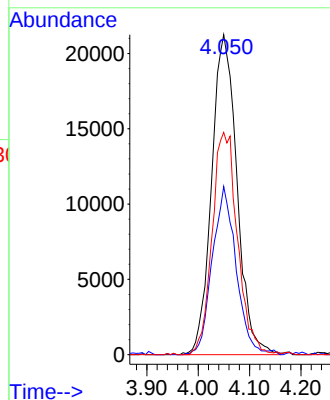
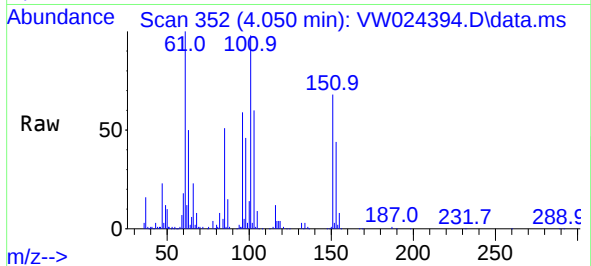




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.949 ug/L
RT: 4.050 min Scan# 310
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

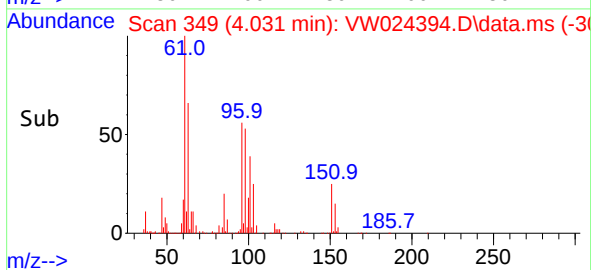
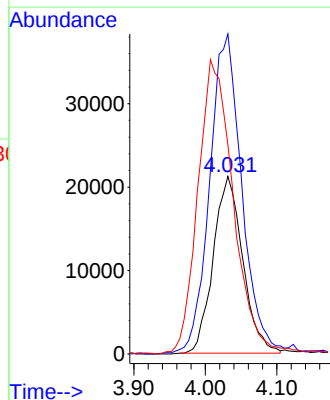
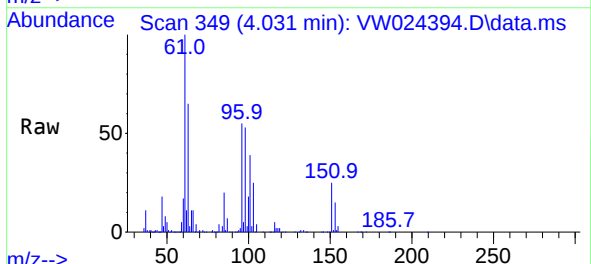
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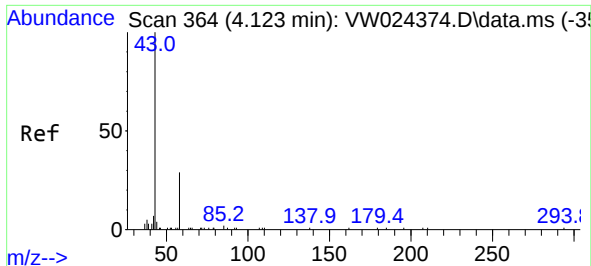
Tgt Ion:101 Resp: 72867
Ion Ratio Lower Upper
101 100
85 48.9 39.1 58.7
151 42.3 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 24.636 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 96 Resp: 60683
Ion Ratio Lower Upper
96 100
61 180.2 118.8 220.6
63 118.0 72.8 135.2

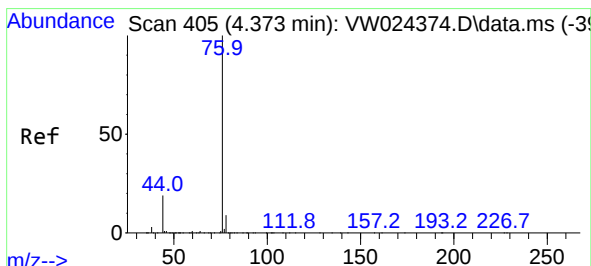
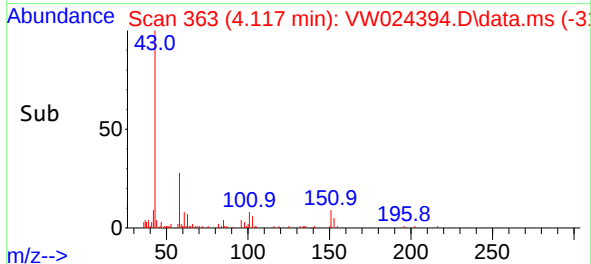
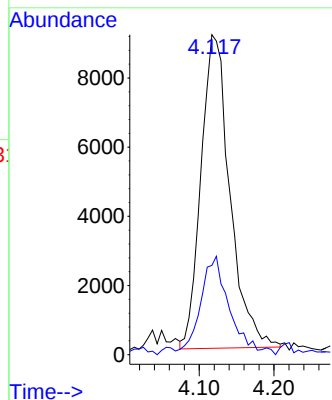
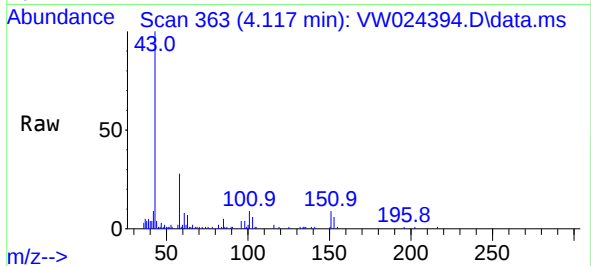




#13
Acetone
Concen: 39.017 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024394.D
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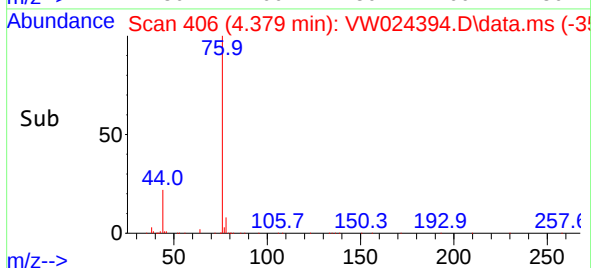
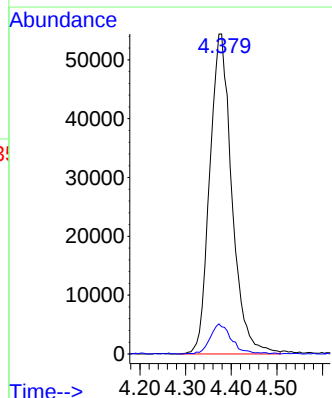
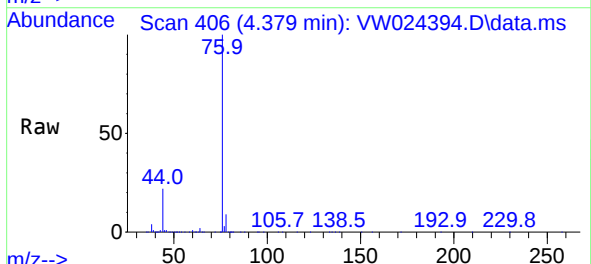
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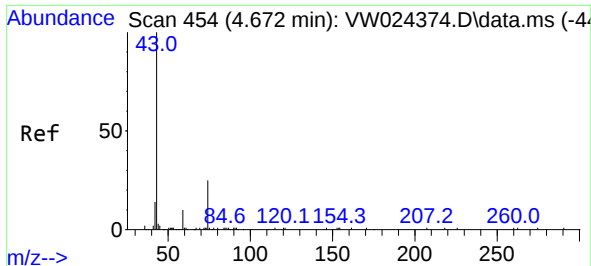
Tgt Ion: 43 Resp: 24379
Ion Ratio Lower Upper
43 100
58 29.9 0.0 58.4



#14
Carbon disulfide
Concen: 22.387 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 183265
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

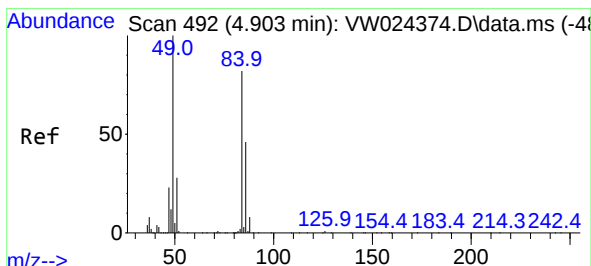
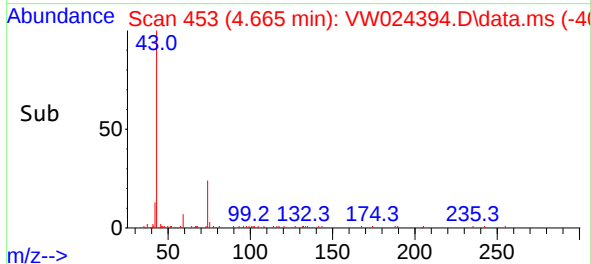
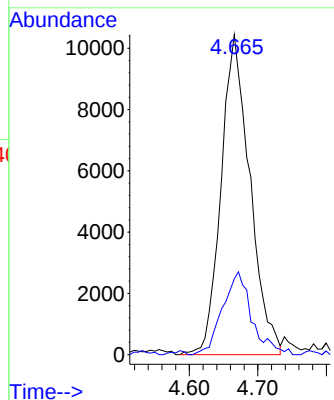
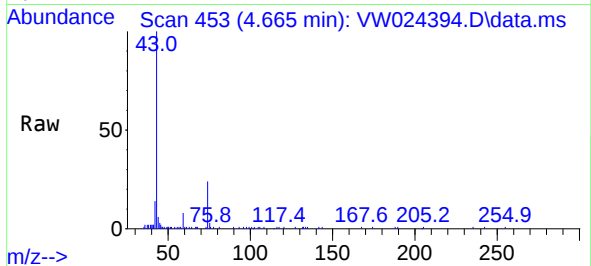




#15
Methyl Acetate
Concen: 19.939 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

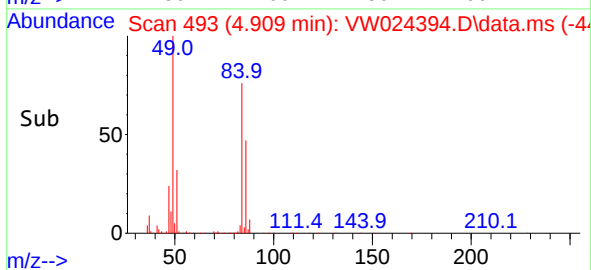
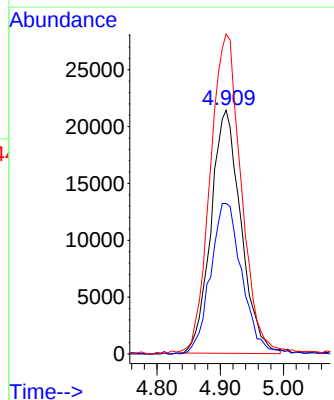
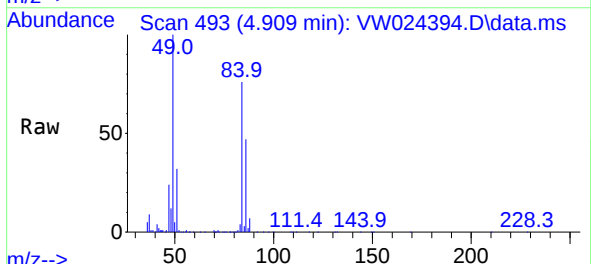
Instrument :
MSVOA_W
ClientSampleId :

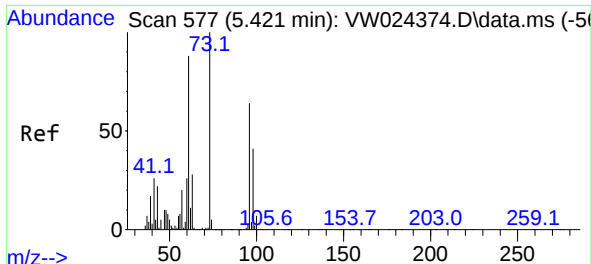
Tgt Ion: 43 Resp: 30478
Ion Ratio Lower Upper
43 100
74 24.4 17.9 26.9



#16
Methylene chloride
Concen: 20.306 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 84 Resp: 70228
Ion Ratio Lower Upper
84 100
86 61.8 47.7 88.7
49 131.3 96.6 179.4

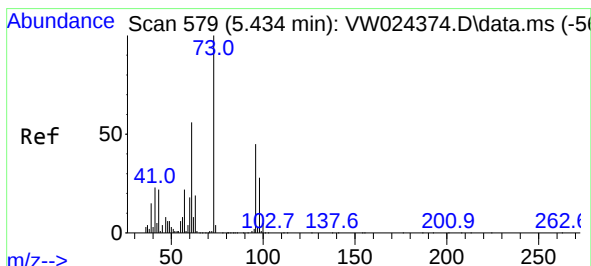
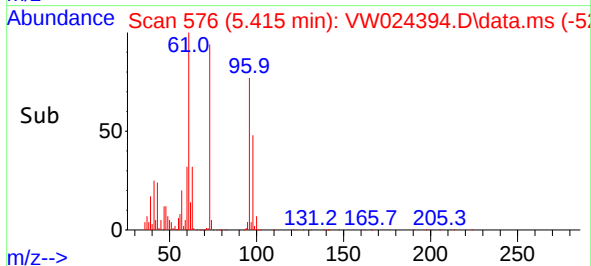
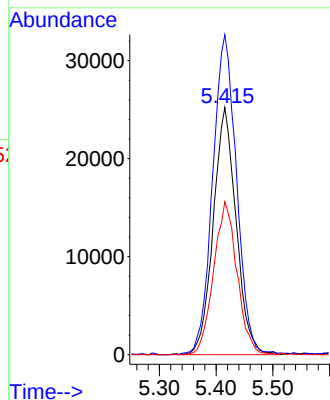
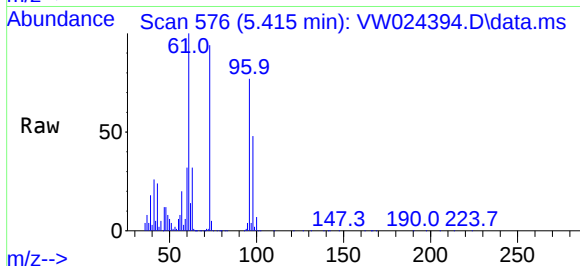




#17
trans-1,2-Dichloroethene
Concen: 24.273 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

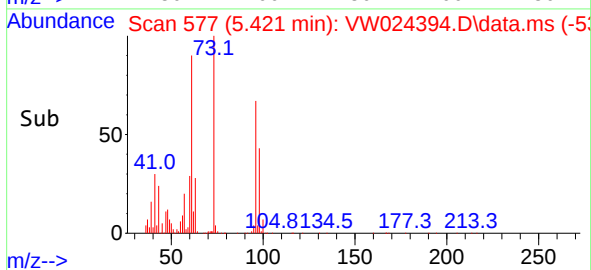
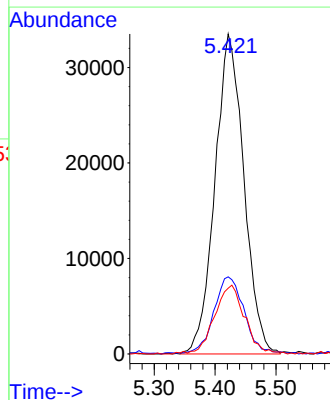
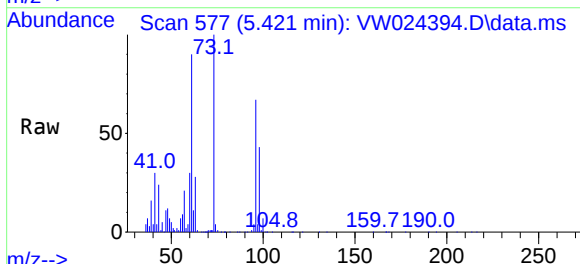
Instrument :
MSVOA_W
ClientSampleId :

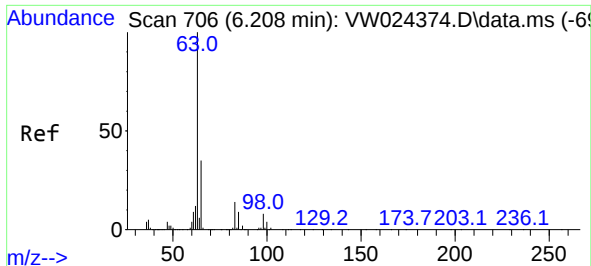
Tgt Ion: 96 Resp: 70770
Ion Ratio Lower Upper
96 100
61 129.5 92.1 171.1
98 61.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 23.182 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 73 Resp: 110668
Ion Ratio Lower Upper
73 100
43 24.3 18.8 28.2
57 22.3 18.1 27.1

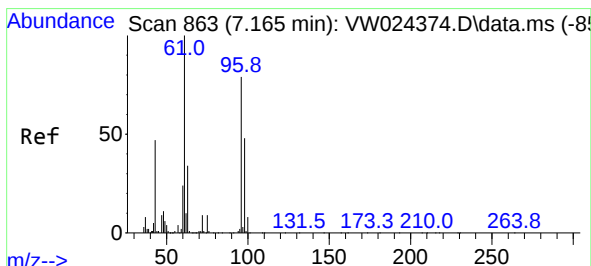
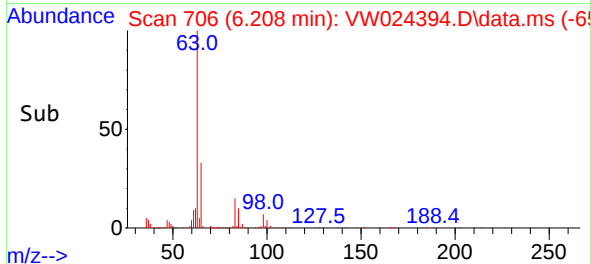
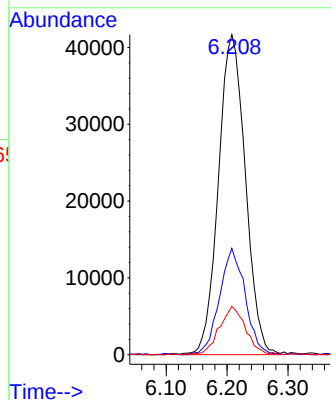
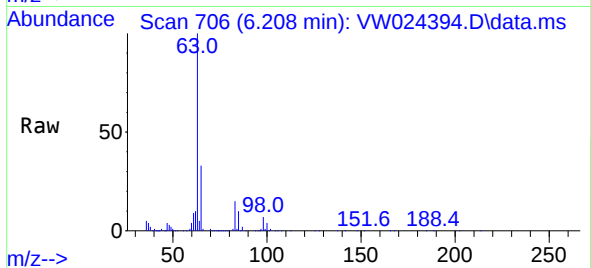




#19
1,1-Dichloroethane
Concen: 23.216 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

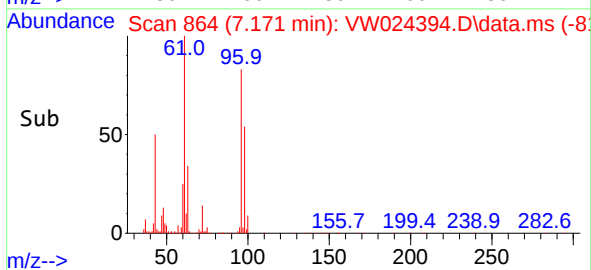
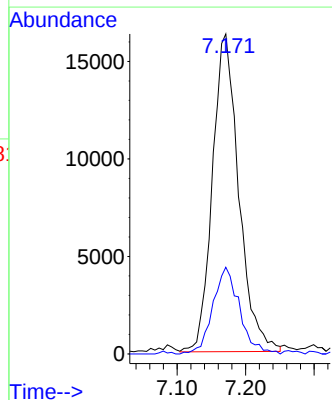
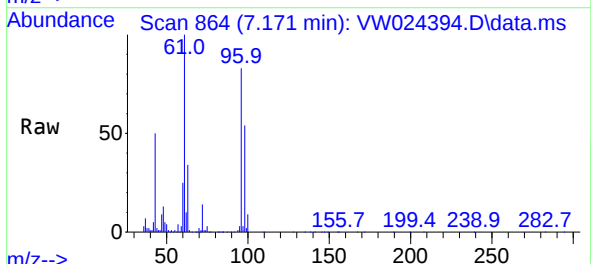
Instrument :
MSVOA_W
ClientSampleId :

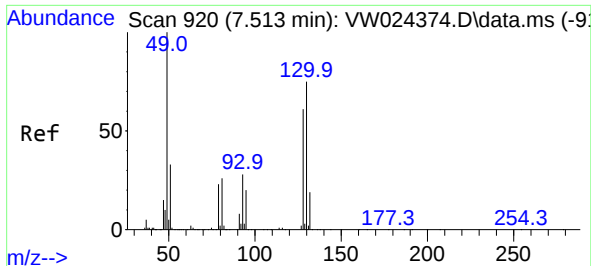
Tgt Ion: 63 Resp: 127993
Ion Ratio Lower Upper
63 100
65 33.2 23.6 43.8
83 15.1 10.4 19.4



#22
2-Butanone
Concen: 39.052 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 43 Resp: 43535
Ion Ratio Lower Upper
43 100
72 26.7 13.9 41.6

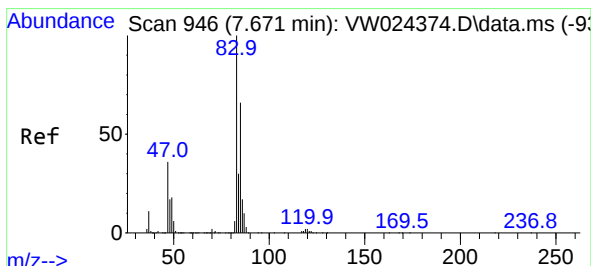
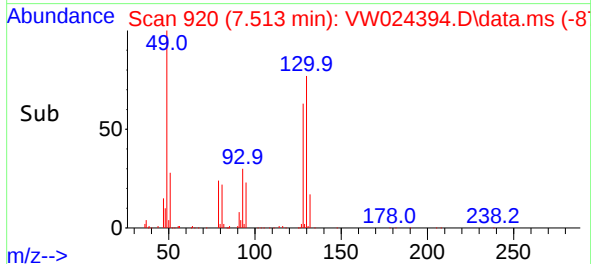
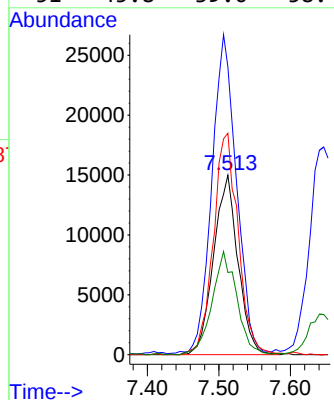
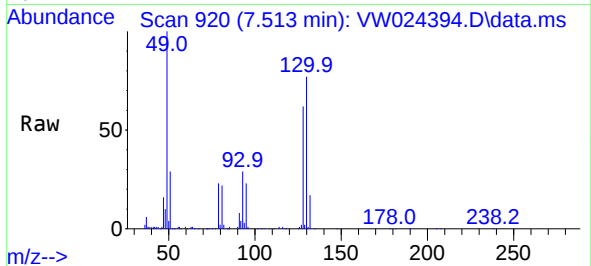




#23
Bromochloromethane
Concen: 22.662 ug/L
RT: 7.513 min Scan# 913
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

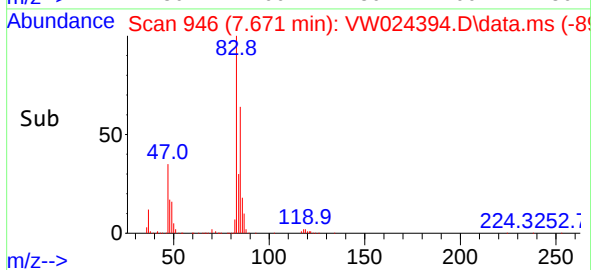
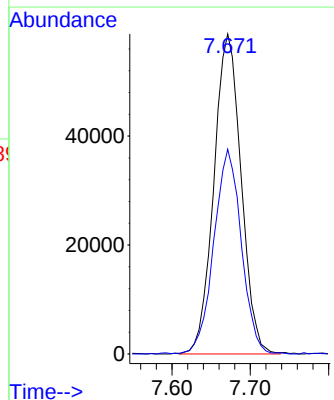
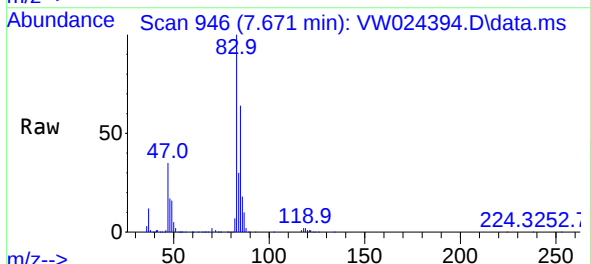
Instrument :
MSVOA_W
ClientSampleId :

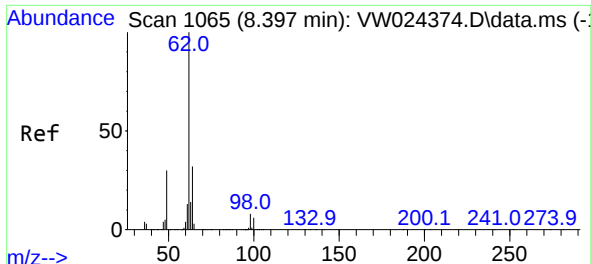
Tgt Ion:128 Resp: 35479
Ion Ratio Lower Upper
128 100
49 160.3 122.1 226.7
130 123.3 91.1 169.1
51 45.8 39.0 58.4



#25
Chloroform
Concen: 23.233 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 83 Resp: 142115
Ion Ratio Lower Upper
83 100
85 63.9 47.5 88.1





#27

1,2-Dichloroethane

Concen: 23.839 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

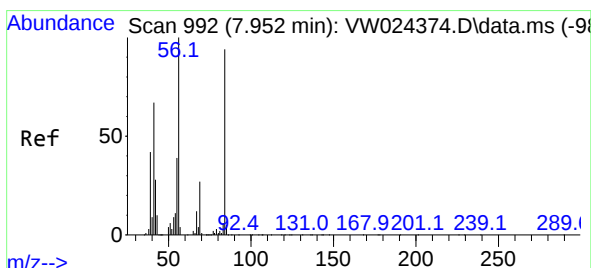
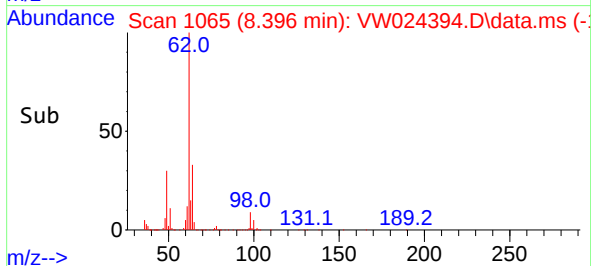
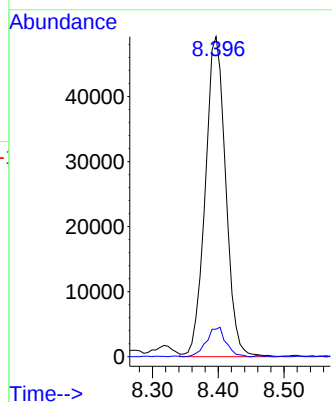
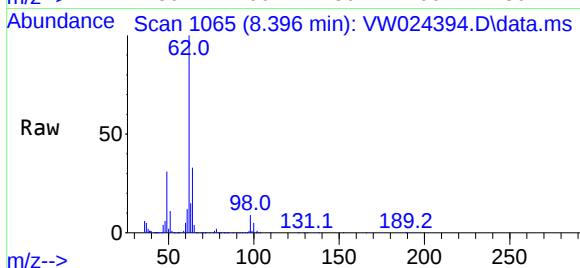
ClientSampleId :

Tgt Ion: 62 Resp: 106142

Ion Ratio Lower Upper

62 100

98 8.6 6.7 10.1



#29

Cyclohexane

Concen: 23.973 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

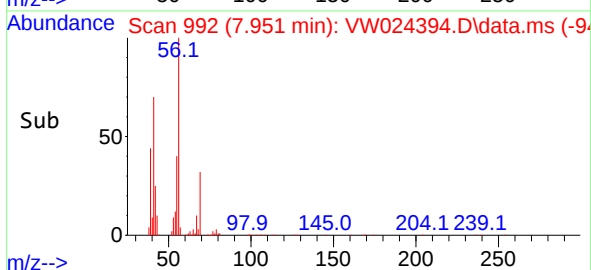
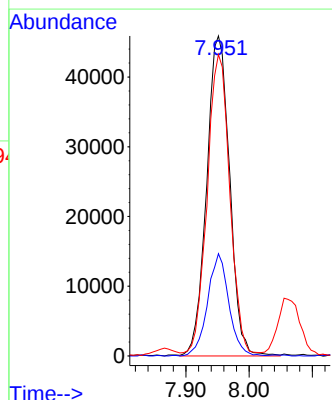
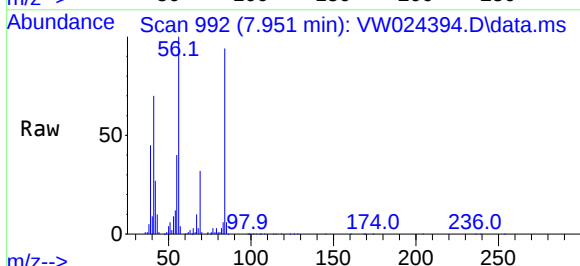
Tgt Ion: 56 Resp: 115974

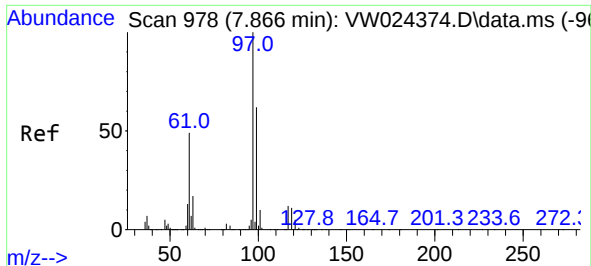
Ion Ratio Lower Upper

56 100

69 29.5 23.5 35.3

84 93.3 72.2 108.4

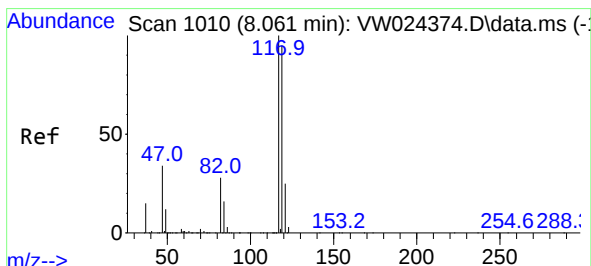
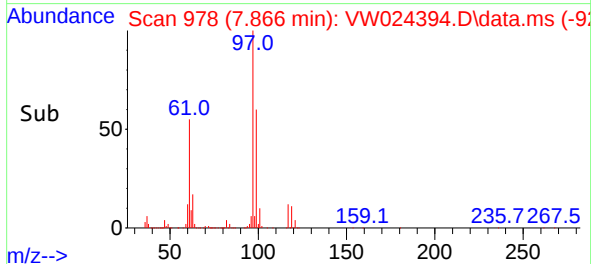
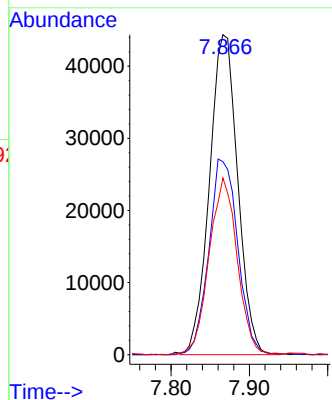
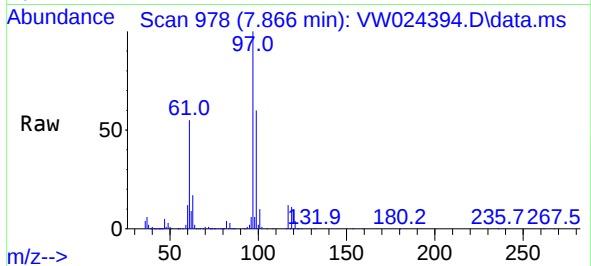




#30
1,1,1-Trichloroethane
Concen: 21.085 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

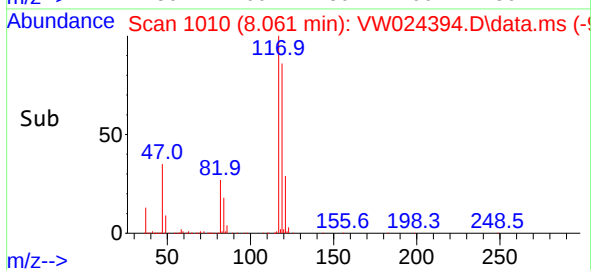
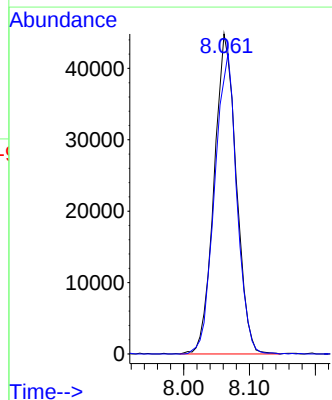
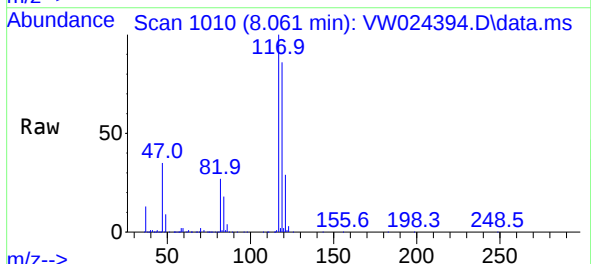
Instrument :
MSVOA_W
ClientSampleId :

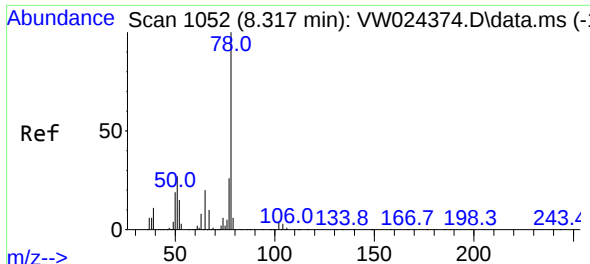
Tgt Ion: 97 Resp: 111549
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.2
61 54.6 40.2 60.4



#31
Carbon tetrachloride
Concen: 21.715 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 117 Resp: 105102
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9

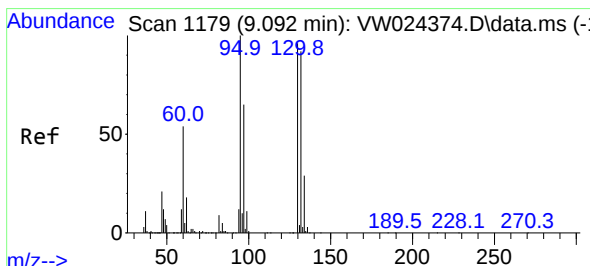
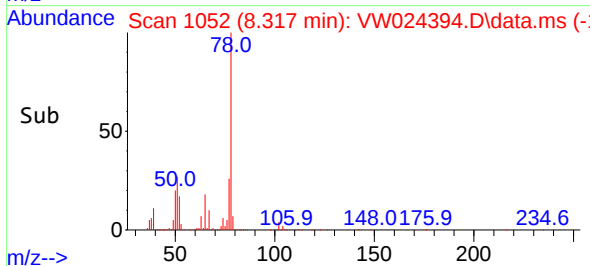
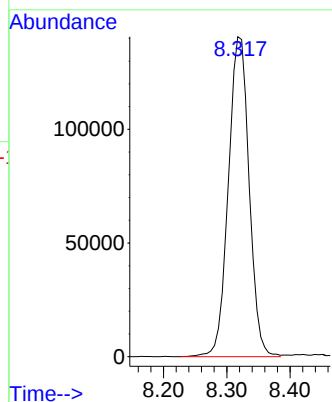
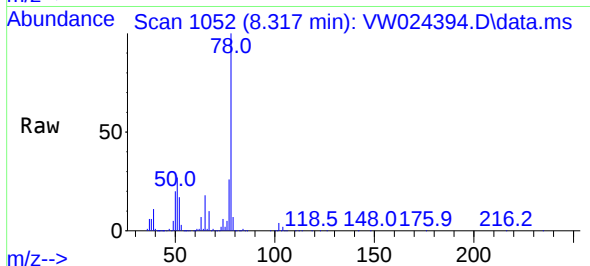




#33
Benzene
Concen: 22.950 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Instrument :
MSVOA_W
ClientSampleId :

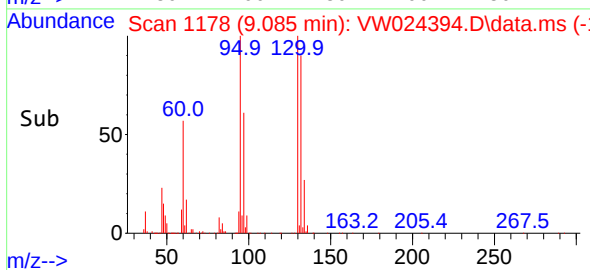
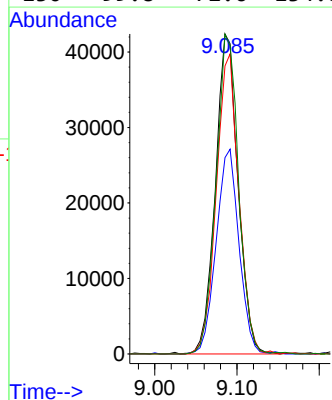
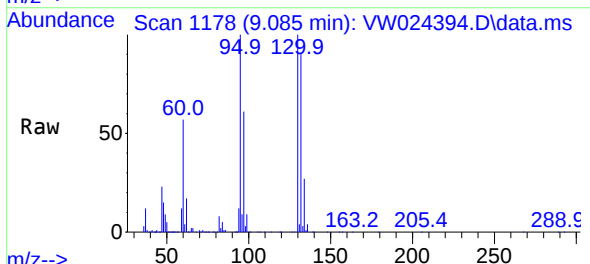
Tgt Ion: 78 Resp: 320641

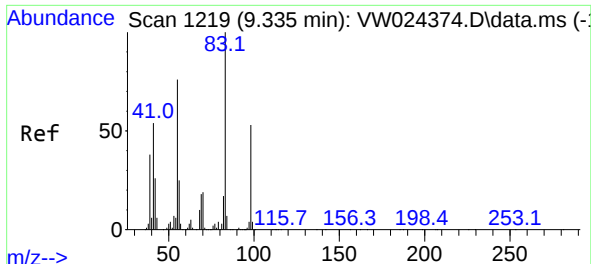


#34
Trichloroethene
Concen: 22.021 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 95 Resp: 81086

Ion	Ratio	Lower	Upper
95	100		
97	61.4	48.4	89.8
132	90.0	68.6	127.4
130	99.8	72.6	134.8





#35

Methylcyclohexane

Concen: 24.259 ug/L

RT: 9.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

ClientSampleId :

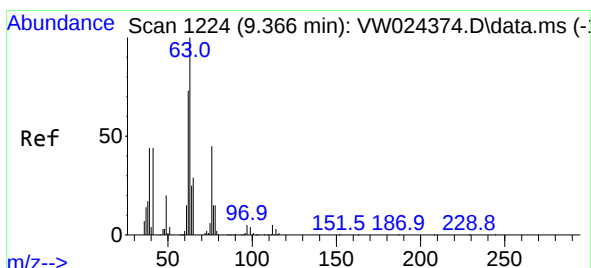
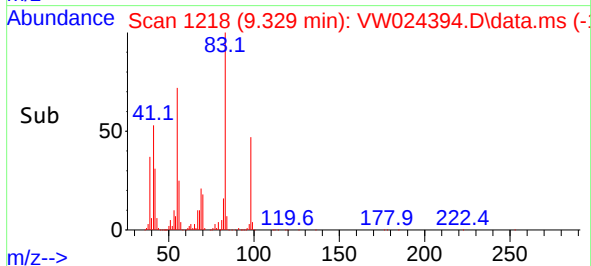
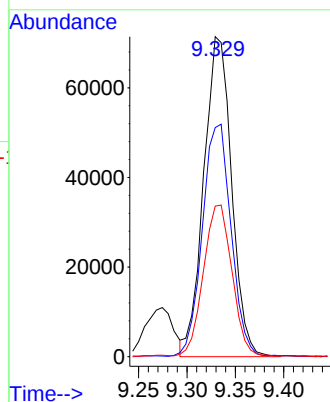
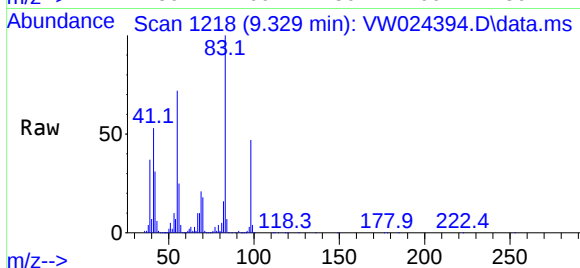
Tgt Ion: 83 Resp: 143321

Ion Ratio Lower Upper

83 100

55 74.9 60.1 90.1

98 48.7 40.5 60.7



#37

1,2-Dichloropropane

Concen: 22.246 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW024394.D

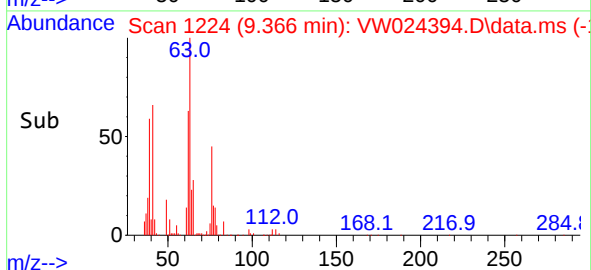
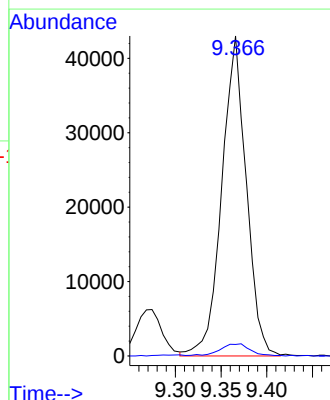
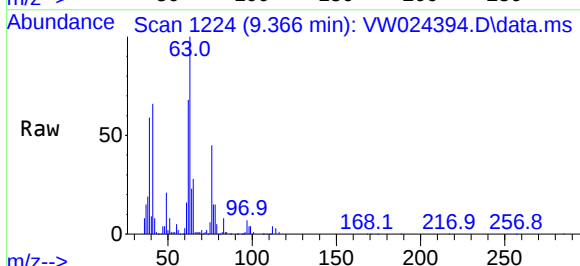
Acq: 27 Aug 2022 11:14

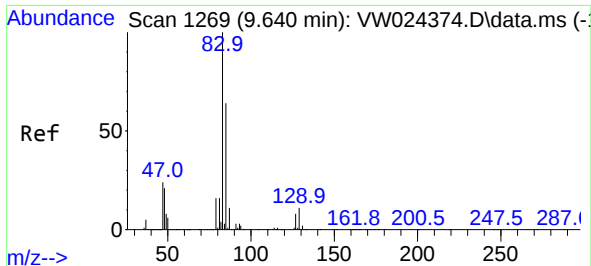
Tgt Ion: 63 Resp: 80208

Ion Ratio Lower Upper

63 100

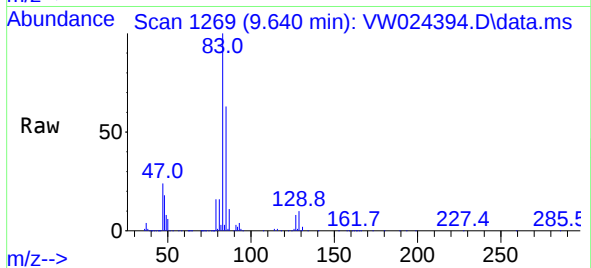
112 4.5 3.4 5.0



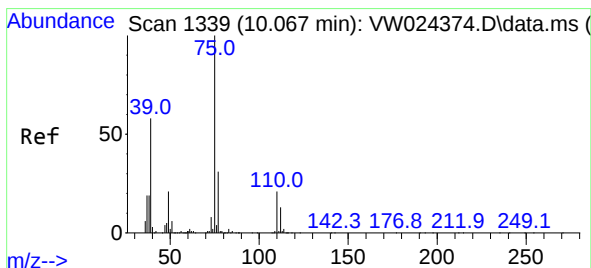
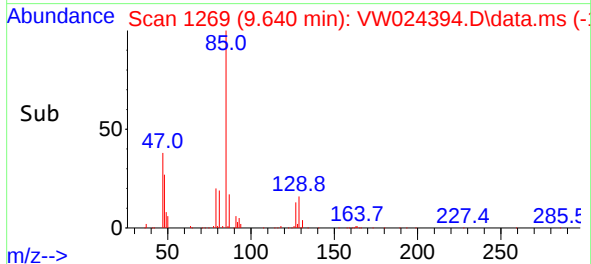
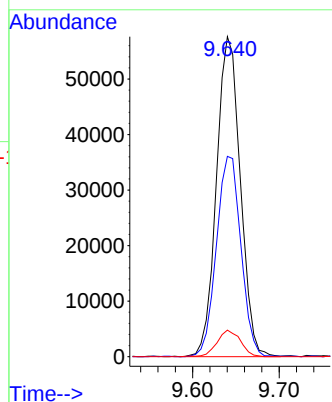


#38
Bromodichloromethane
Concen: 22.476 ug/L
RT: 9.640 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Instrument :
MSVOA_W
ClientSampleId :

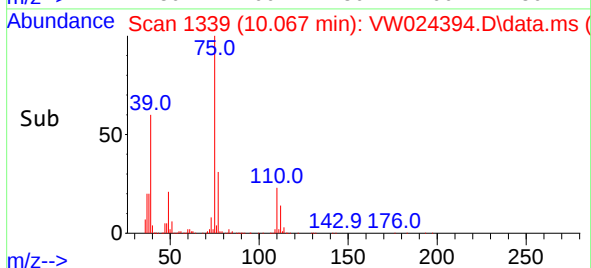
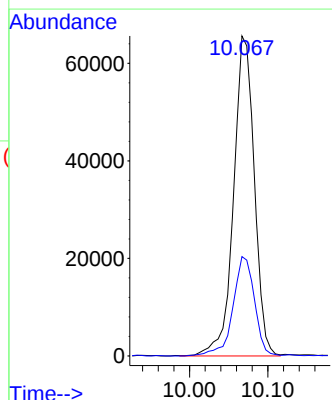
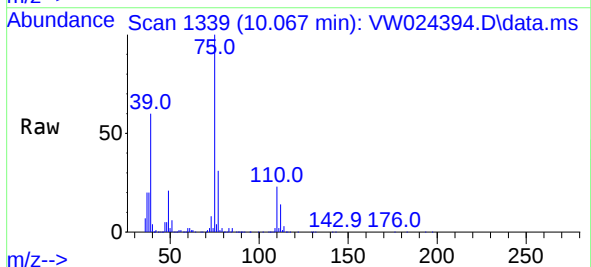


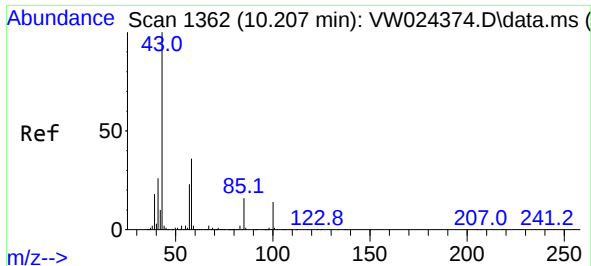
Tgt Ion: 83 Resp: 110355
Ion Ratio Lower Upper
83 100
85 62.6 46.3 85.9
127 8.3 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 23.960 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

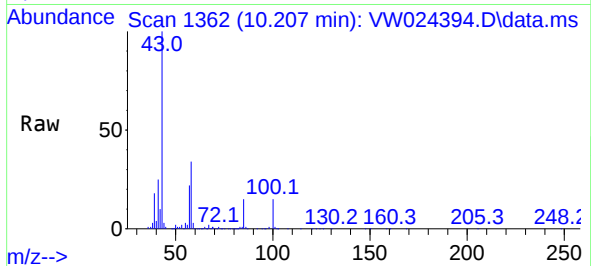
Tgt Ion: 75 Resp: 120756
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6



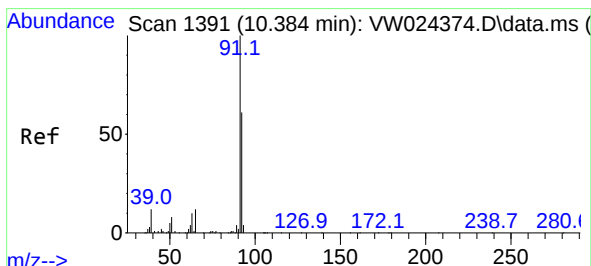
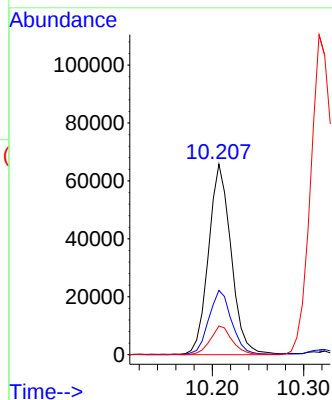
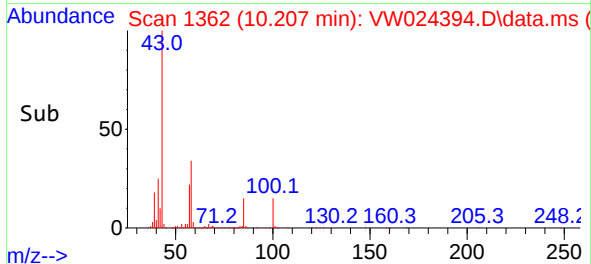


#40
4-Methyl-2-pentanone
Concen: 44.077 ug/L
RT: 10.207 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

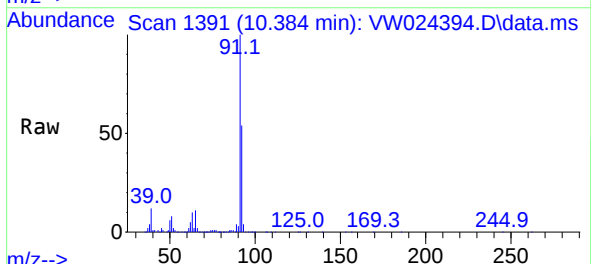
Instrument :
MSVOA_W
ClientSampleId :



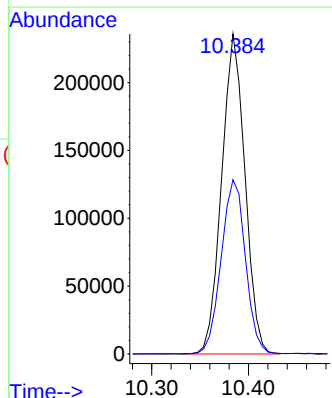
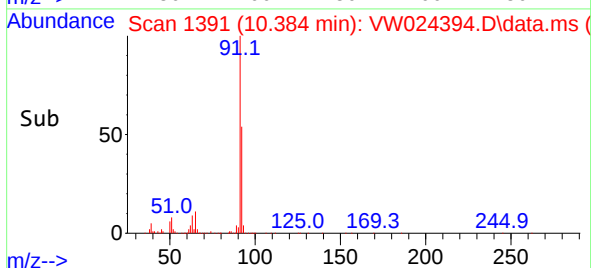
Tgt Ion: 43 Resp: 113004
Ion Ratio Lower Upper
43 100
58 34.1 29.4 44.2
100 14.7 11.8 17.8

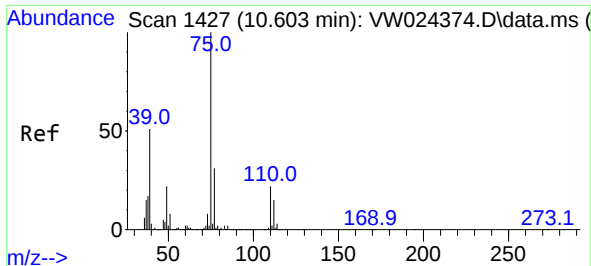


#42
Toluene
Concen: 25.603 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14



Tgt Ion: 91 Resp: 394756
Ion Ratio Lower Upper
91 100
92 54.5 40.0 74.4

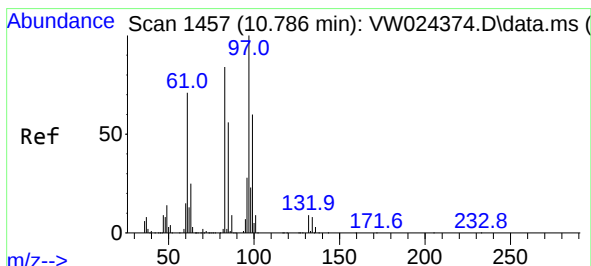
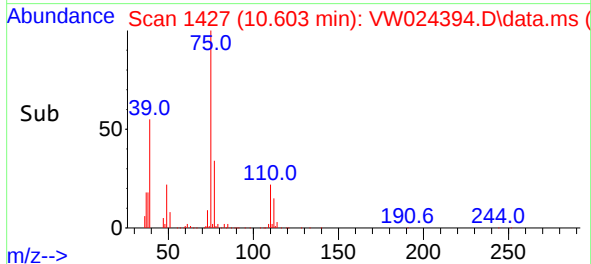
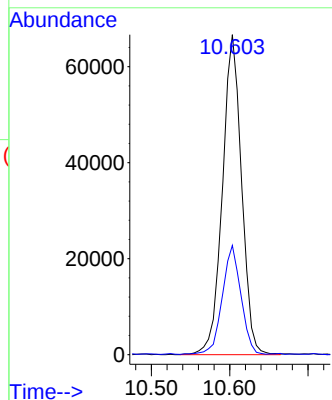
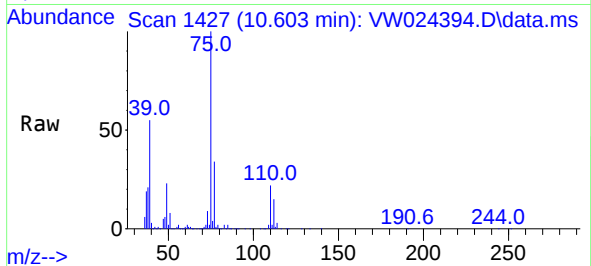




#44
trans-1,3-Dichloropropene
Concen: 23.147 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

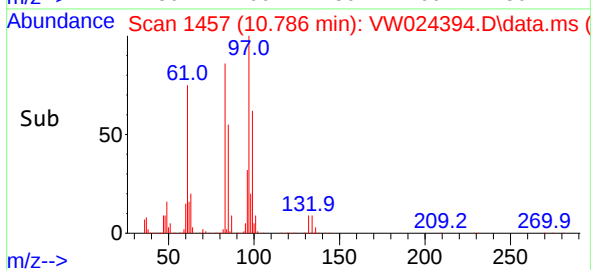
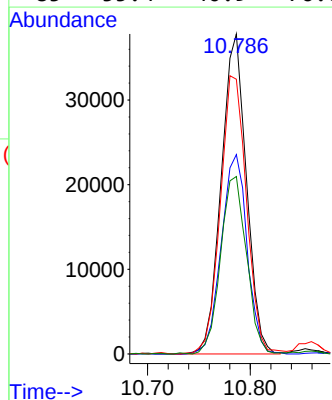
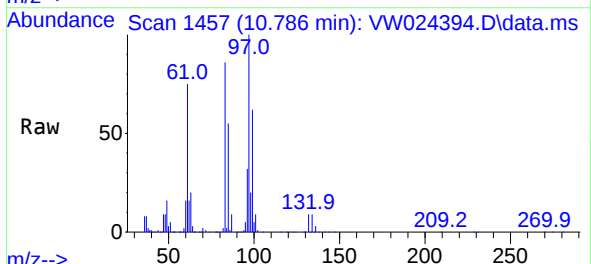
Instrument :
MSVOA_W
ClientSampleId :

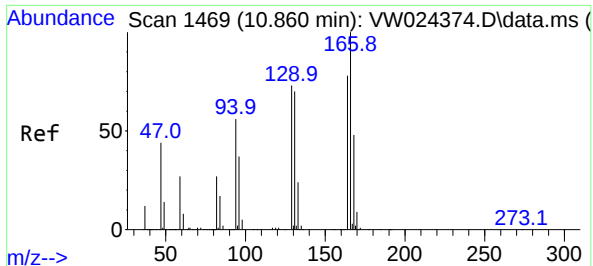
Tgt Ion: 75 Resp: 113361
Ion Ratio Lower Upper
75 100
77 34.2 21.1 39.1



#45
1,1,2-Trichloroethane
Concen: 21.852 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 97 Resp: 64247
Ion Ratio Lower Upper
97 100
99 62.3 40.4 75.0
83 85.8 60.1 111.5
85 55.4 40.9 76.0





#46

Tetrachloroethene

Concen: 26.524 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:164 Resp: 75853

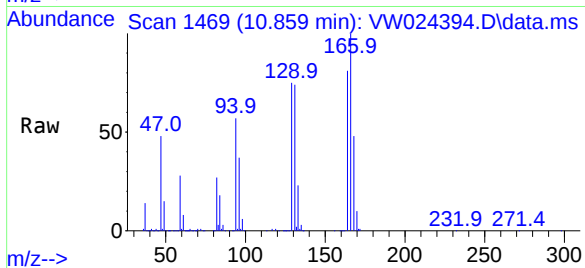
Ion Ratio Lower Upper

164 100

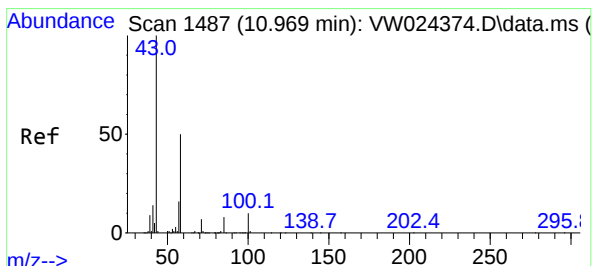
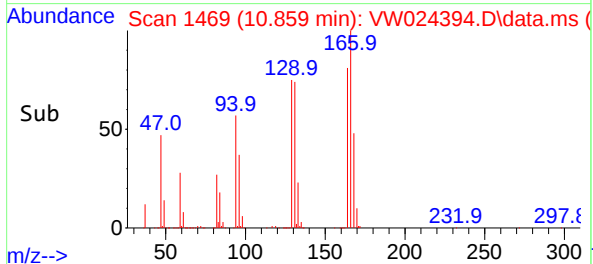
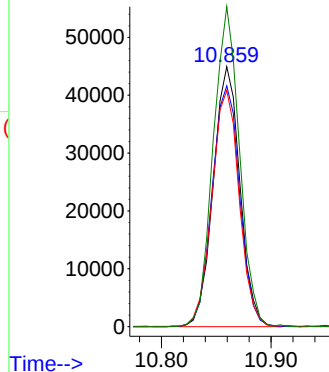
129 92.6 72.9 135.3

131 90.8 63.7 118.3

166 123.1 86.2 160.0



Abundance



#48

2-Hexanone

Concen: 44.721 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Tgt Ion: 43 Resp: 84572

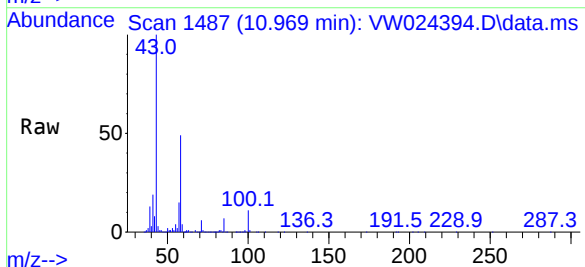
Ion Ratio Lower Upper

43 100

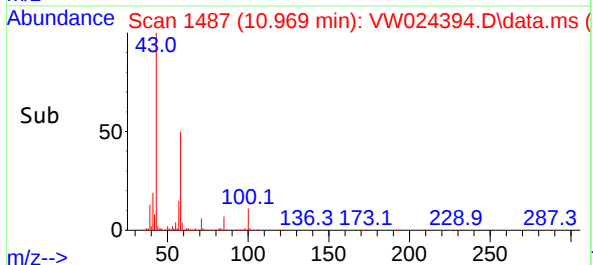
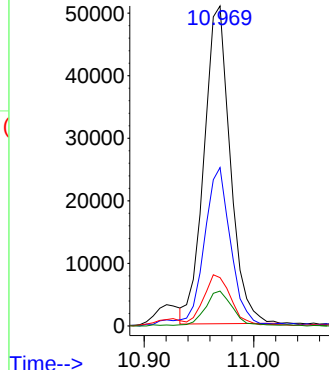
58 48.3 40.6 61.0

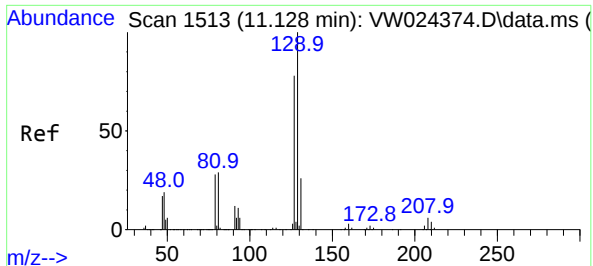
57 16.7 14.2 21.2

100 11.5 9.8 14.6



Abundance





#49

Dibromochloromethane

Concen: 22.665 ug/L

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

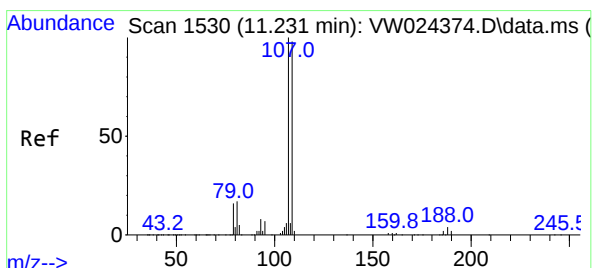
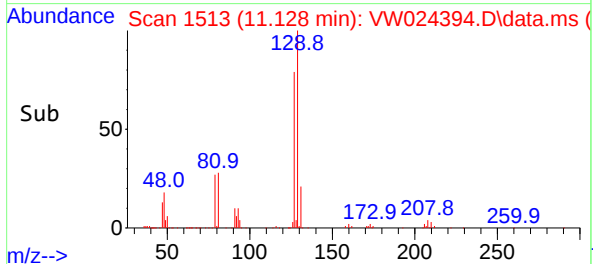
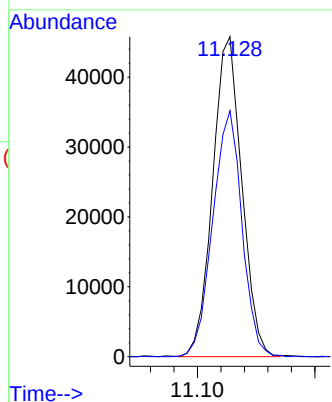
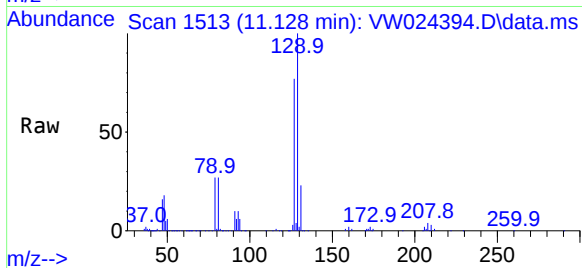
ClientSampleId :

Tgt Ion:129 Resp: 78816

Ion Ratio Lower Upper

129 100

127 76.9 54.6 101.4



#50

1,2-Dibromoethane

Concen: 22.467 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

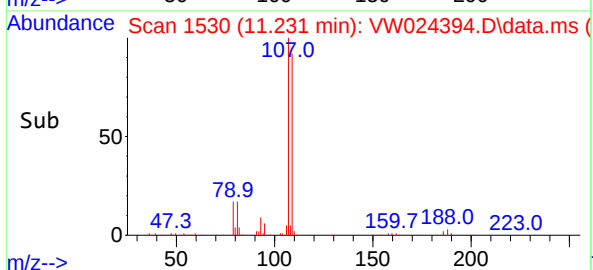
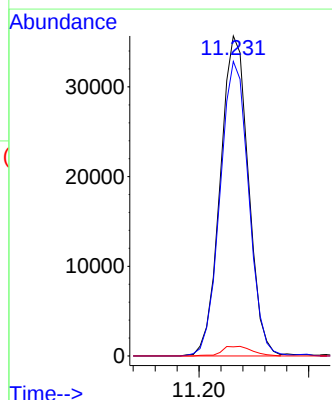
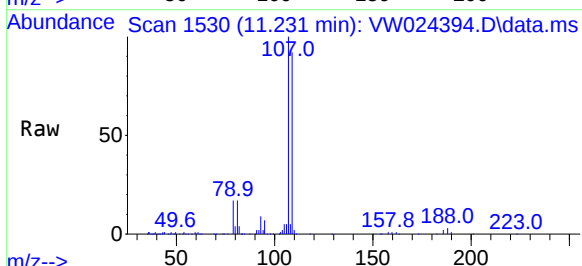
Tgt Ion:107 Resp: 63508

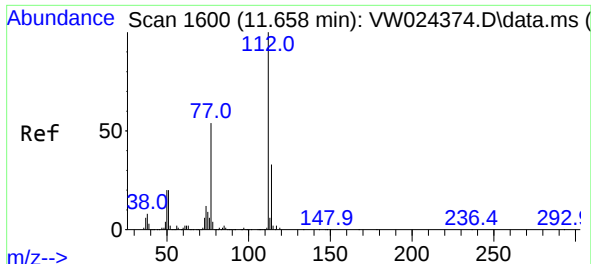
Ion Ratio Lower Upper

107 100

109 92.0 70.1 130.1

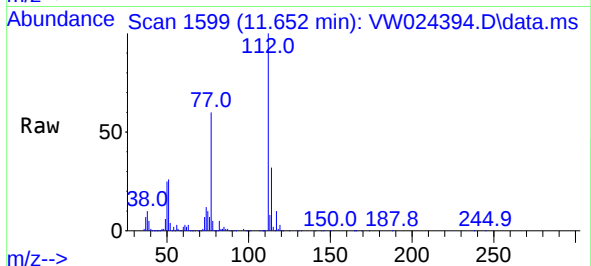
188 2.9 2.6 3.8



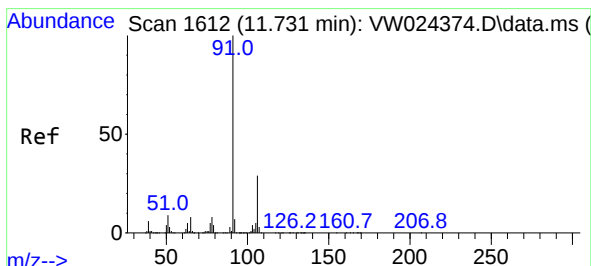
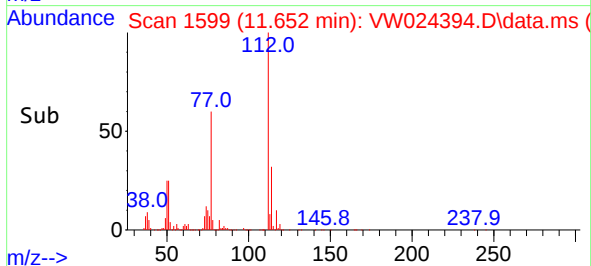
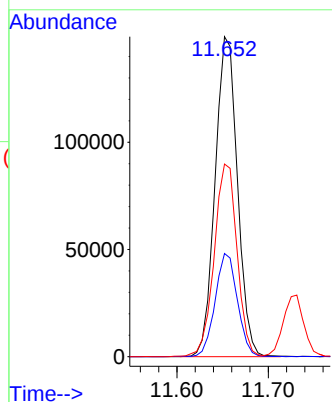


#51
Chlorobenzene
Concen: 24.524 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Instrument :
MSVOA_W
ClientSampleId :

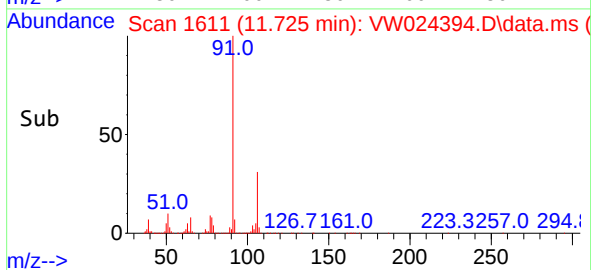
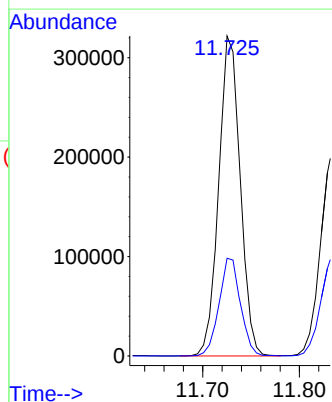
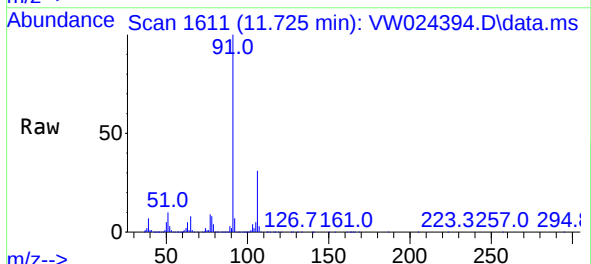


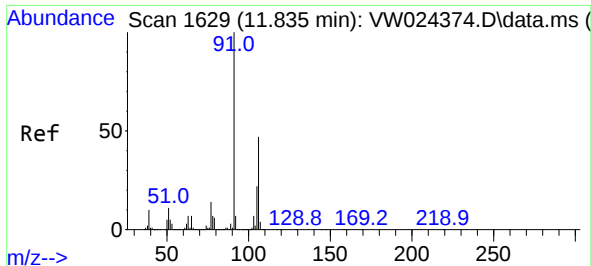
Tgt Ion:112 Resp: 253789
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 60.2 44.1 66.1



#52
Ethylbenzene
Concen: 29.093 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion: 91 Resp: 495932
Ion Ratio Lower Upper
91 100
106 30.5 22.7 42.3

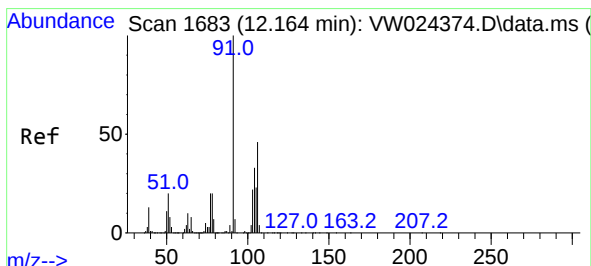
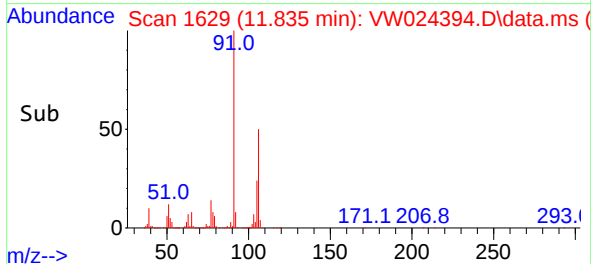
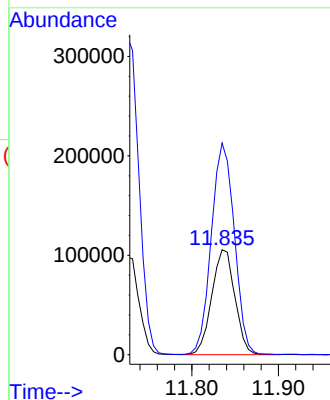
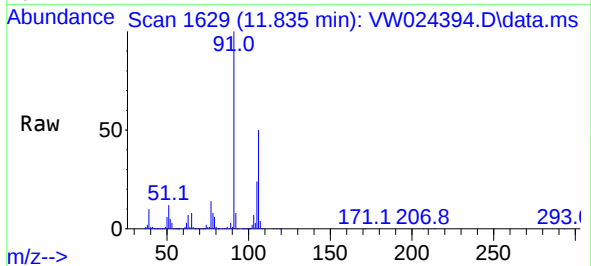




#53
m,p-Xylene
Concen: 29.236 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

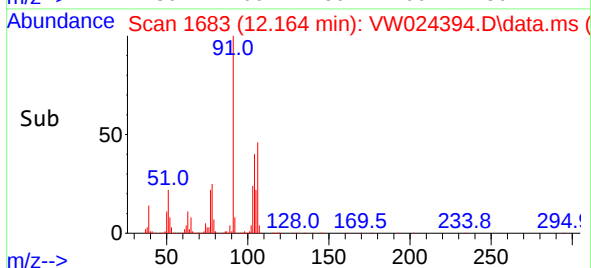
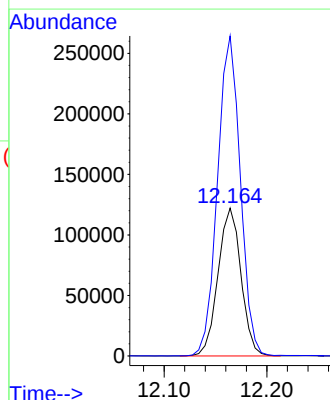
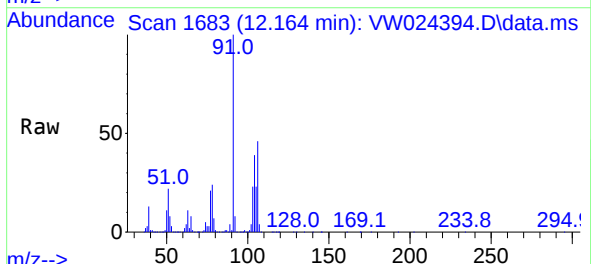
Instrument :
MSVOA_W
ClientSampleId :

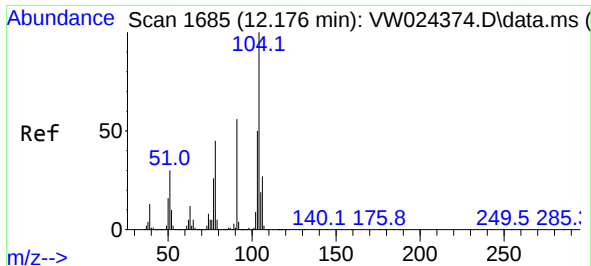
Tgt Ion:106 Resp: 195720
Ion Ratio Lower Upper
106 100
91 201.8 144.3 267.9



#54
o-Xylene
Concen: 30.270 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion:106 Resp: 189435
Ion Ratio Lower Upper
106 100
91 216.4 152.1 282.5

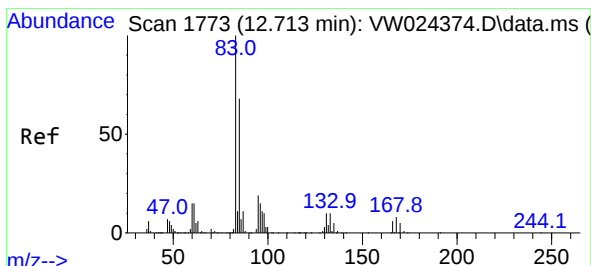
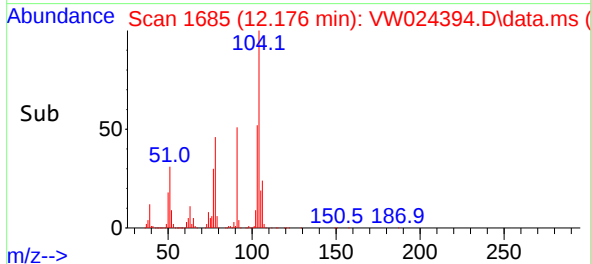
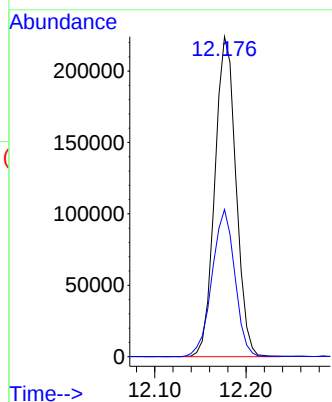
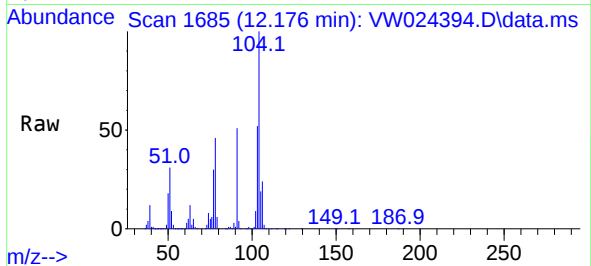




#55
Styrene
Concen: 32.615 ug/L
RT: 12.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

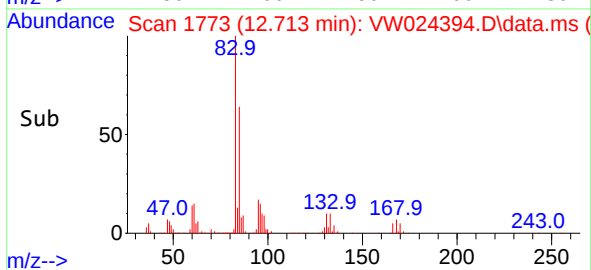
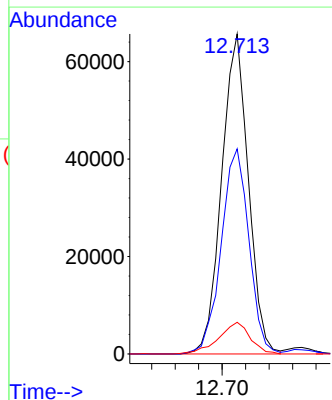
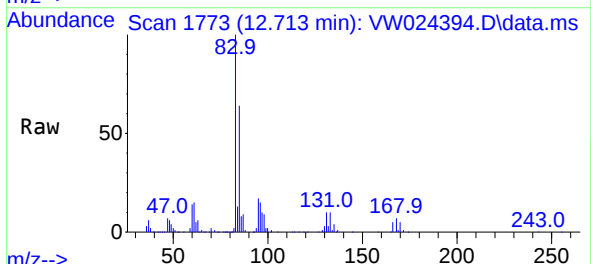
Instrument :
MSVOA_W
ClientSampleId :

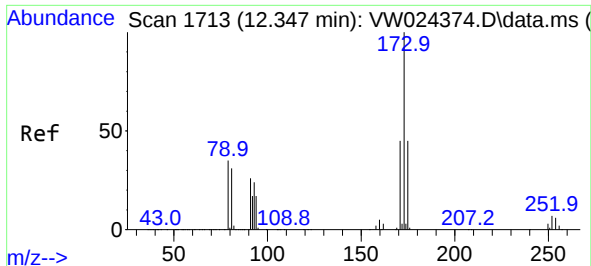
Tgt Ion:104 Resp: 360794
Ion Ratio Lower Upper
104 100
78 46.0 32.0 59.4



#57
1,1,2,2-Tetrachloroethane
Concen: 25.214 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

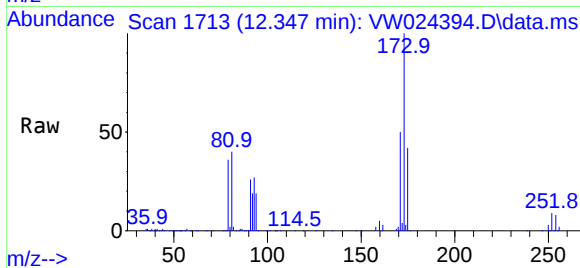
Tgt Ion: 83 Resp: 103475
Ion Ratio Lower Upper
83 100
85 64.1 44.4 82.5
131 9.9 8.4 12.6



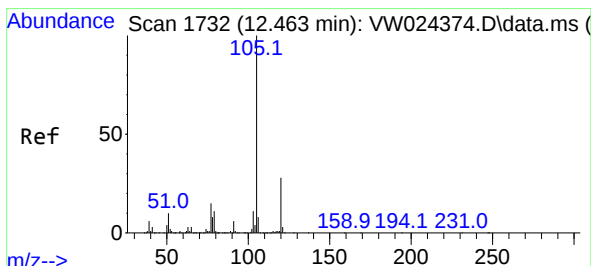
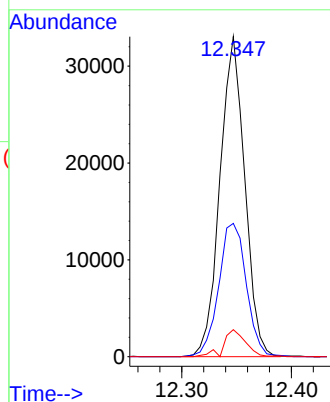
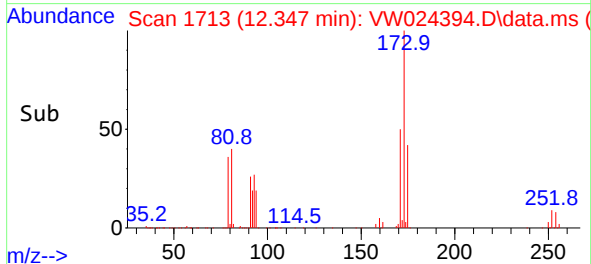


#59
Bromoform
Concen: 21.279 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

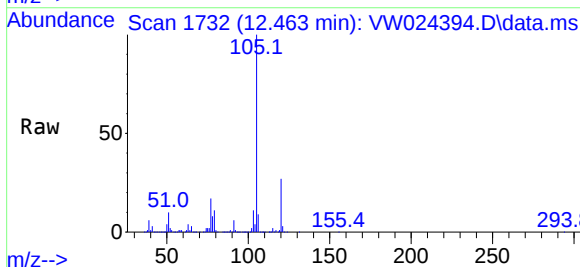
Instrument :
MSVOA_W
ClientSampleId :



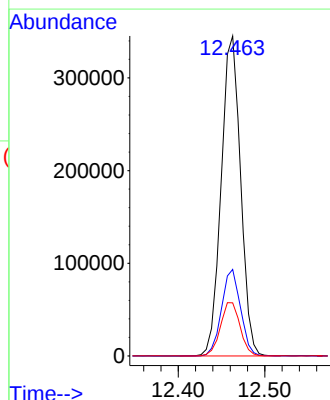
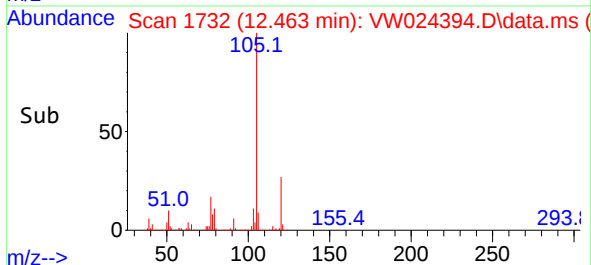
Tgt Ion:173 Resp: 51988
Ion Ratio Lower Upper
173 100
175 46.5 39.8 59.6
254 6.6 6.8 10.2#

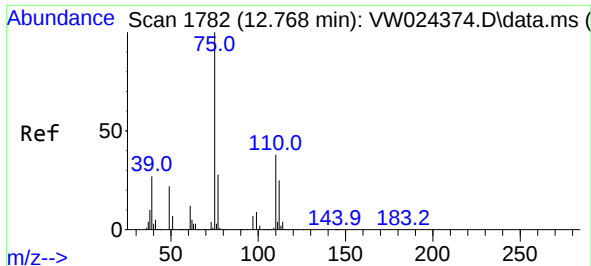


#60
Isopropylbenzene
Concen: 26.535 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14



Tgt Ion:105 Resp: 536555
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 17.0 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 20.484 ug/L

RT: 12.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024394.D

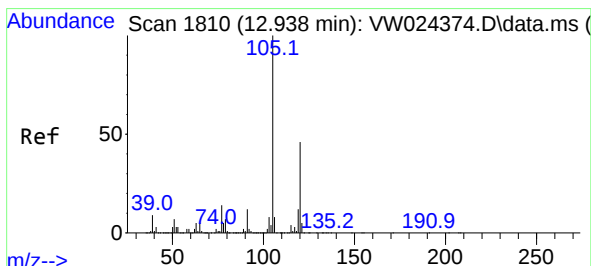
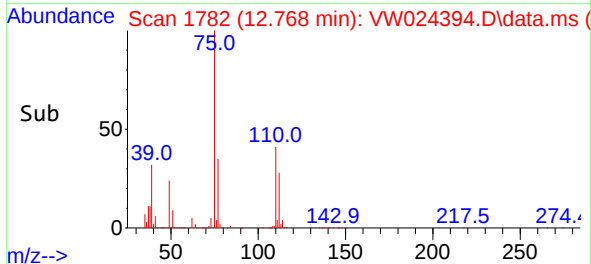
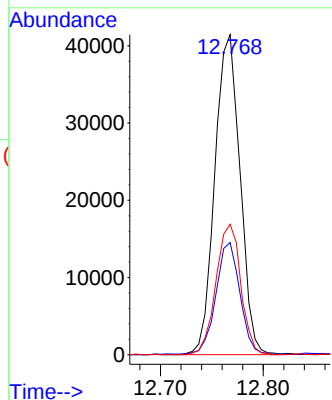
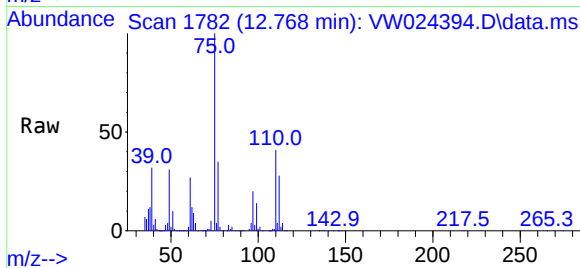
Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	70523
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.5	39.7
110	40.2	33.8	50.8



#62

1,3,5-Trimethylbenzene

Concen: 27.747 ug/L

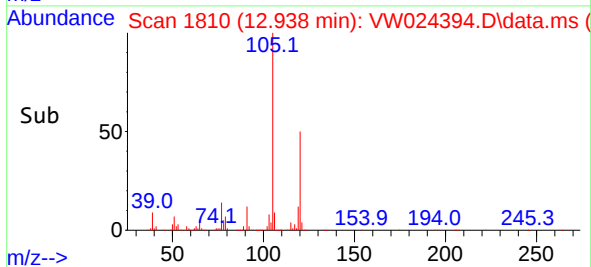
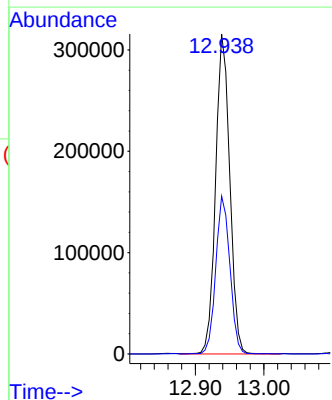
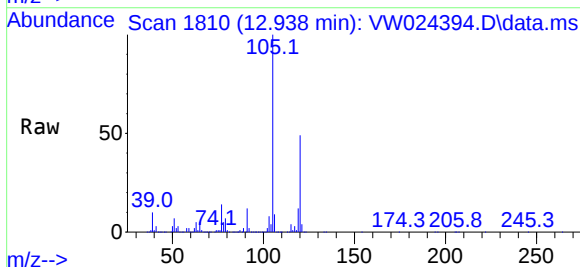
RT: 12.938 min Scan# 1810

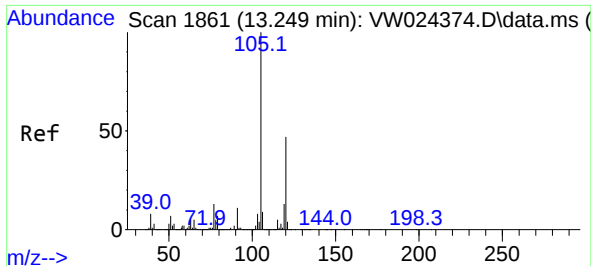
Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Tgt Ion:	105	Resp:	452406
Ion	Ratio	Lower	Upper
105	100		
120	49.0	38.4	57.6





#63

1,2,4-Trimethylbenzene

Concen: 28.399 ug/L

RT: 13.243 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

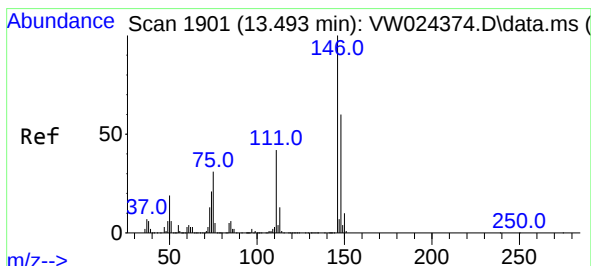
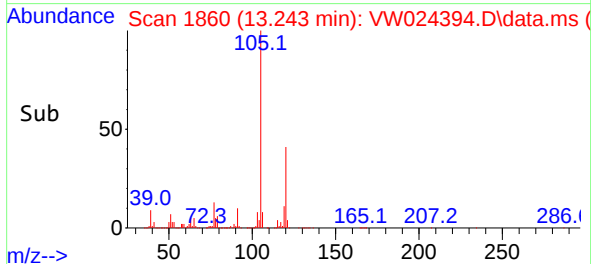
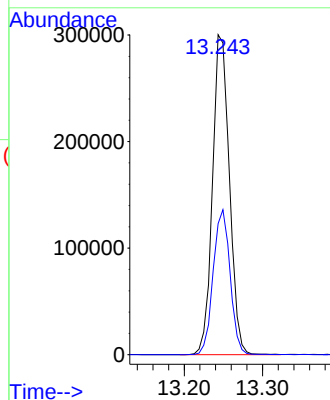
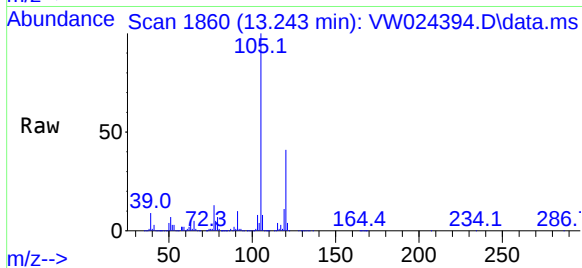
ClientSampleId :

Tgt Ion:105 Resp: 449765

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 23.816 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

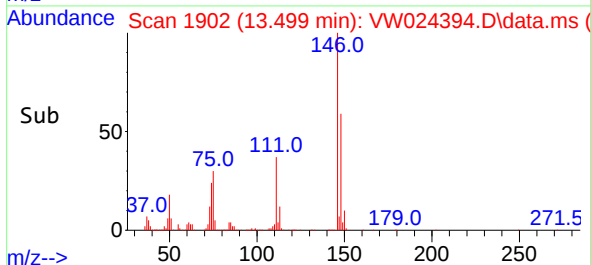
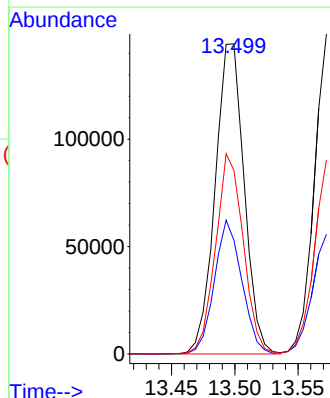
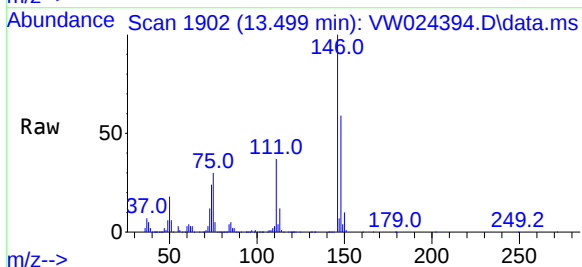
Tgt Ion:146 Resp: 230250

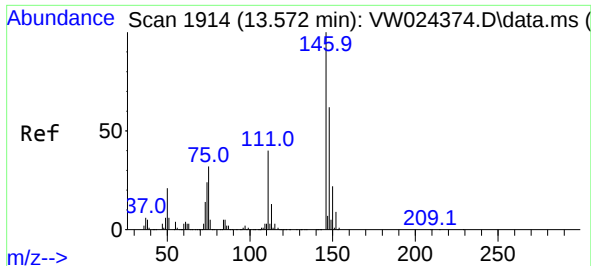
Ion Ratio Lower Upper

146 100

111 36.7 27.0 50.2

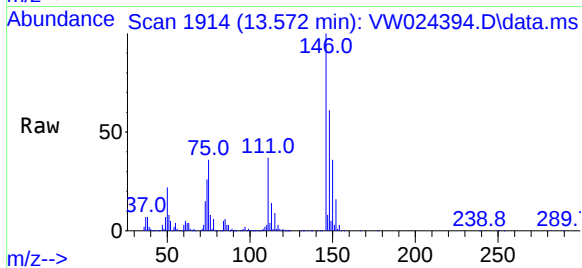
148 59.2 44.9 83.3



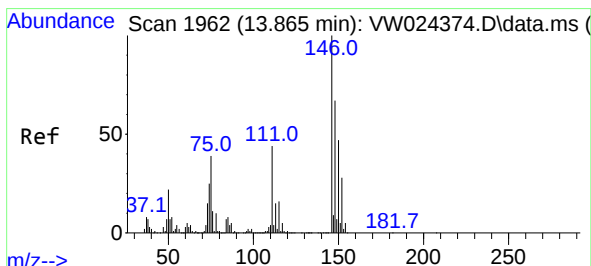
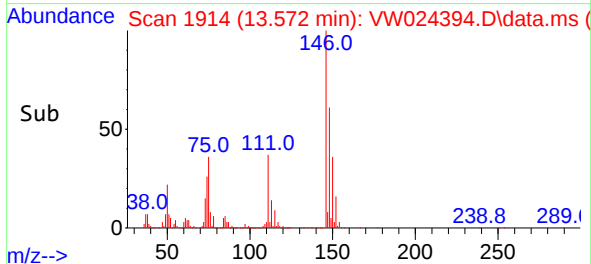
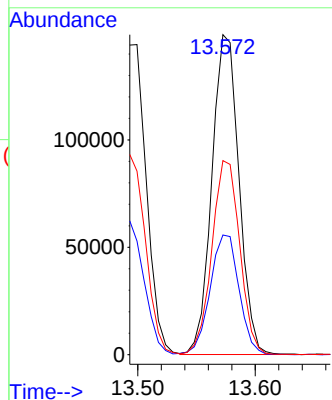


#65
1,4-Dichlorobenzene
Concen: 23.409 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Instrument :
MSVOA_W
ClientSampleId :

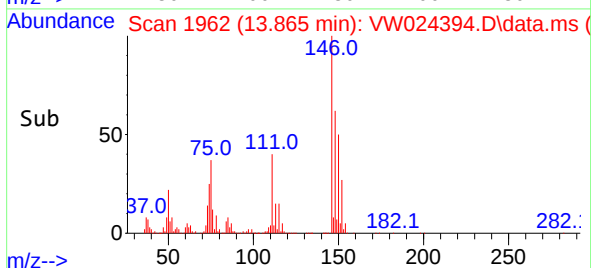
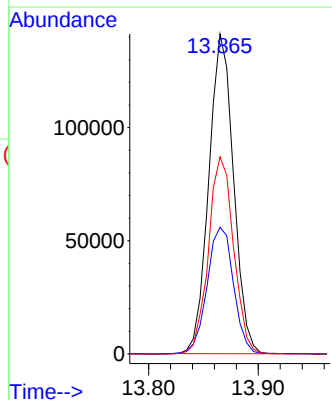
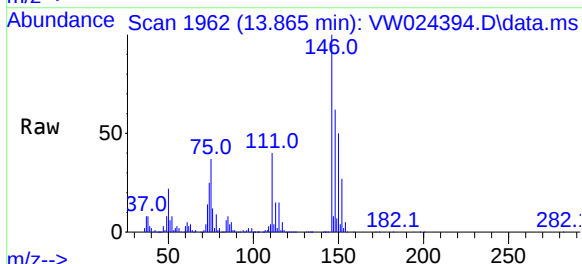


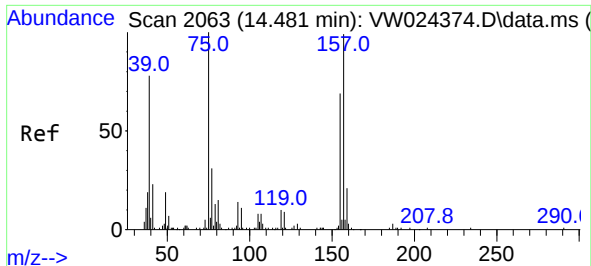
Tgt Ion:146 Resp: 238933
Ion Ratio Lower Upper
146 100
111 37.4 27.7 51.5
148 60.6 46.5 86.5



#67
1,2-Dichlorobenzene
Concen: 24.435 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Tgt Ion:146 Resp: 221443
Ion Ratio Lower Upper
146 100
111 39.6 34.5 51.7
148 61.6 50.6 75.8





#68

1,2-Dibromo-3-chloropropane

Concen: 17.690 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

ClientSampleId :

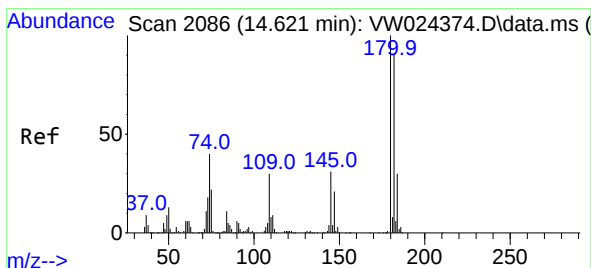
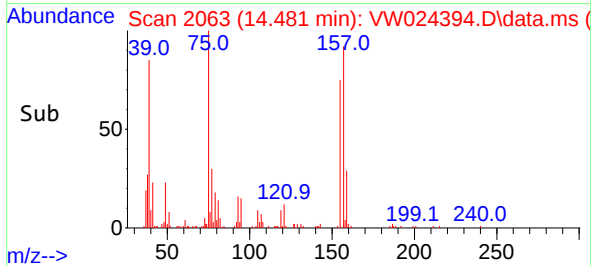
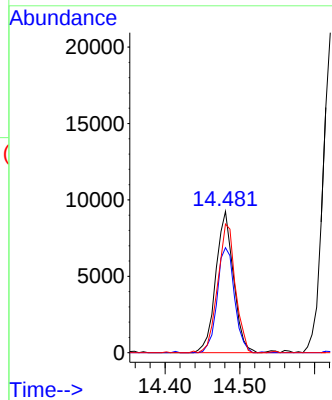
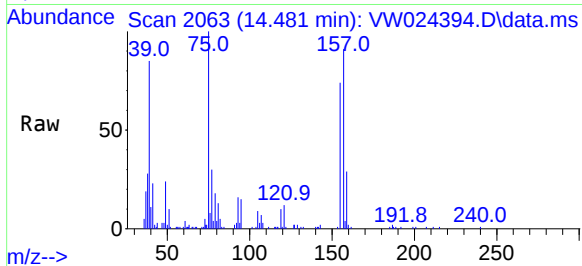
Tgt Ion: 75 Resp: 15302

Ion Ratio Lower Upper

75 100

155 74.2 63.9 95.9

157 91.0 72.2 108.4



#69

1,3,5-Trichlorobenzene

Concen: 21.986 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

Tgt Ion:180 Resp: 137193

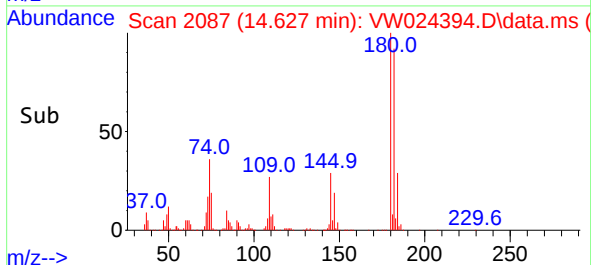
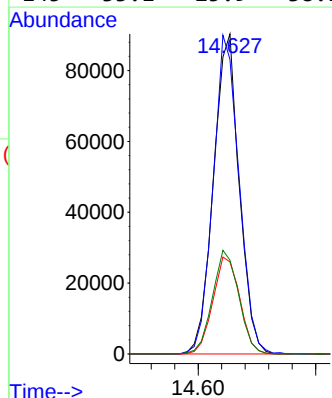
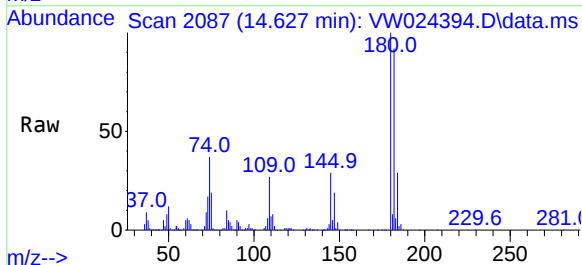
Ion Ratio Lower Upper

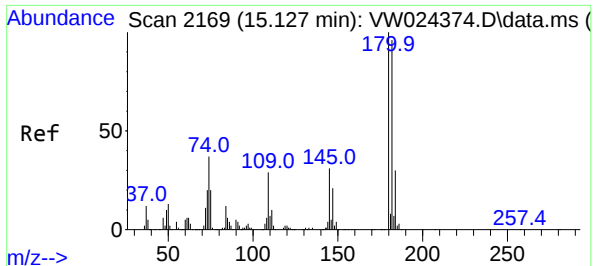
180 100

182 100.4 76.6 114.8

184 31.7 24.5 36.7

145 33.1 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 21.941 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024394.D

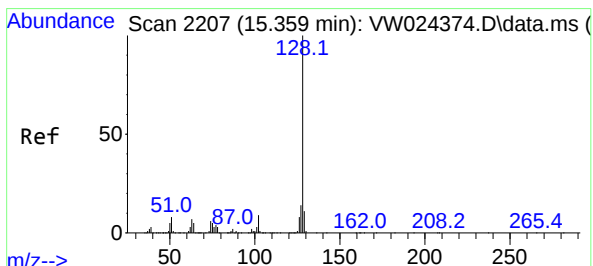
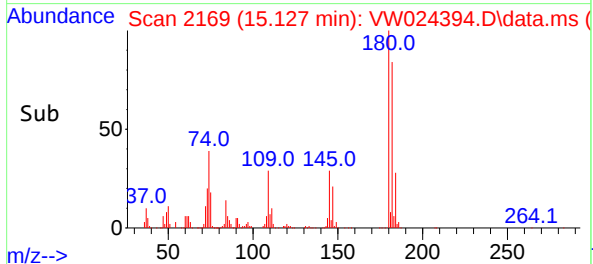
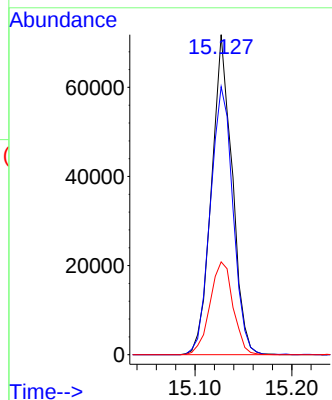
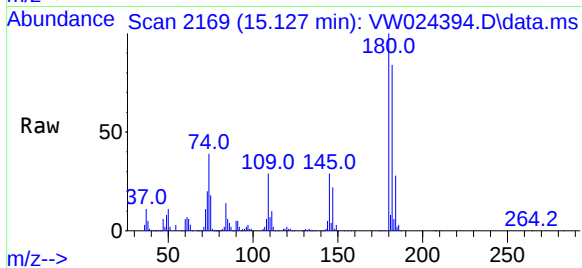
Acq: 27 Aug 2022 11:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	180	Resp:	106431
Ion Ratio	Lower	Upper	
180	100		
182	91.4	72.6	109.0
145	32.4	26.2	39.2



#71

Naphthalene

Concen: 22.235 ug/L

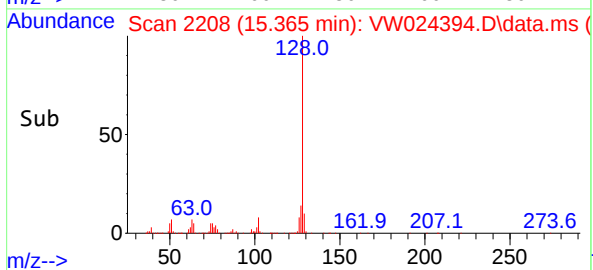
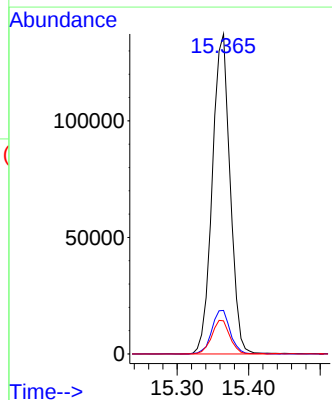
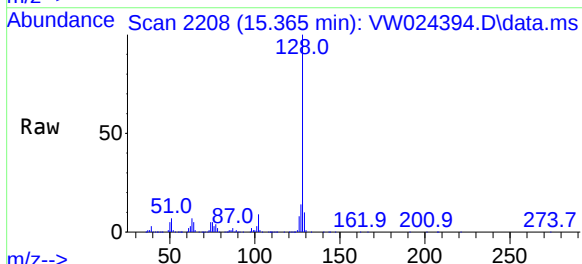
RT: 15.365 min Scan# 2208

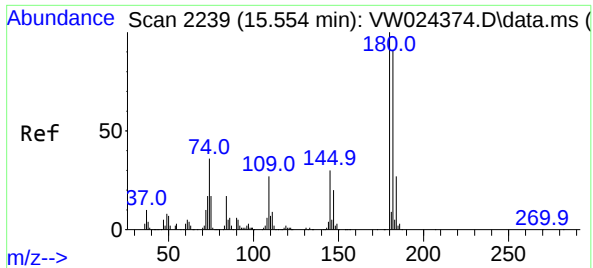
Delta R.T. 0.006 min

Lab File: VW024394.D

Acq: 27 Aug 2022 11:14

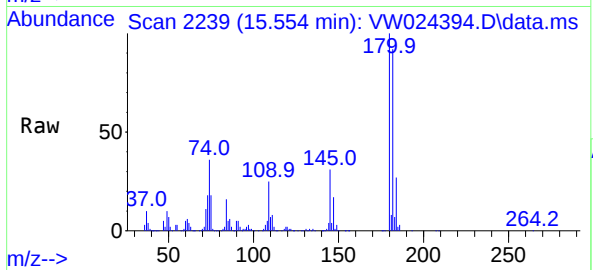
Tgt Ion:	128	Resp:	236882
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.5	15.7
129	10.7	8.3	12.5





1,2,3-Trichlorobenzene
Concen: 21.871 ug/L
RT: 15.554 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024394.D
Acq: 27 Aug 2022 11:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 100270
Ion Ratio Lower Upper
180 100
182 94.6 74.6 111.8
145 33.6 26.6 40.0

