

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022422.D
 Acq On : 07 Apr 2022 09:57
 Operator : SY/VA
 Sample : VSTD05078
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:56:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 05:54:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	340107	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	340440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	384630	51.156	ug/L	0.00
7) Chloroethane-d5	2.885	69	261431	55.480	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	490650	50.313	ug/L	0.00
21) 2-Butanone-d5	7.079	46	145943	109.566	ug/L	0.00
24) Chloroform-d	7.652	84	582814	54.824	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	335895	55.301	ug/L	0.00
32) Benzene-d6	8.274	84	1117566	53.730	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	326858	54.303	ug/L	0.00
41) Toluene-d8	10.323	98	1139784	55.952	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	163609	57.595	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	127658	113.992	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	288558	56.381	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	367605	55.195	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	108087	66.777	ug/L	99
3) Chloromethane	2.220	50	205179	49.360	ug/L	100
5) Vinyl chloride	2.367	62	421398	48.584	ug/L	96
6) Bromomethane	2.781	94	252637	47.915	ug/L	99
8) Chloroethane	2.922	64	201025	52.922	ug/L	99
9) Trichlorofluoromethane	3.263	101	152507	47.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	246191	49.378	ug/L	96
12) 1,1-Dichloroethene	4.049	96	224912	49.114	ug/L	93
13) Acetone	4.123	43	81552	94.790	ug/L	98
14) Carbon disulfide	4.391	76	753736	50.033	ug/L	98
15) Methyl Acetate	4.671	43	109536	48.026	ug/L	98
16) Methylene chloride	4.915	84	246392	48.145	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	268060	50.042	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	442809	50.542	ug/L	98
19) 1,1-Dichloroethane	6.214	63	492170	50.282	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	289153	50.895	ug/L #	99
22) 2-Butanone	7.171	43	135290	100.226	ug/L	96
23) Bromochloromethane	7.512	128	124993	51.262	ug/L	91
25) Chloroform	7.677	83	521489	50.584	ug/L	99
27) 1,2-Dichloroethane	8.402	62	371172	51.225	ug/L	97
29) Cyclohexane	7.957	56	477431	48.999	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	465635	49.307	ug/L	100
31) Carbon tetrachloride	8.067	117	427034	50.382	ug/L	99
33) Benzene	8.323	78	1141458	49.384	ug/L	100
34) Trichloroethene	9.091	95	308058	49.777	ug/L	96
35) Methylcyclohexane	9.335	83	552620	49.770	ug/L	99
37) 1,2-Dichloropropane	9.366	63	278035	50.212	ug/L	99
38) Bromodichloromethane	9.646	83	407903	51.226	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	470953	53.599	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	352422	104.290	ug/L	98
42) Toluene	10.390	91	1369966	51.725	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	430882	54.767	ug/L	96

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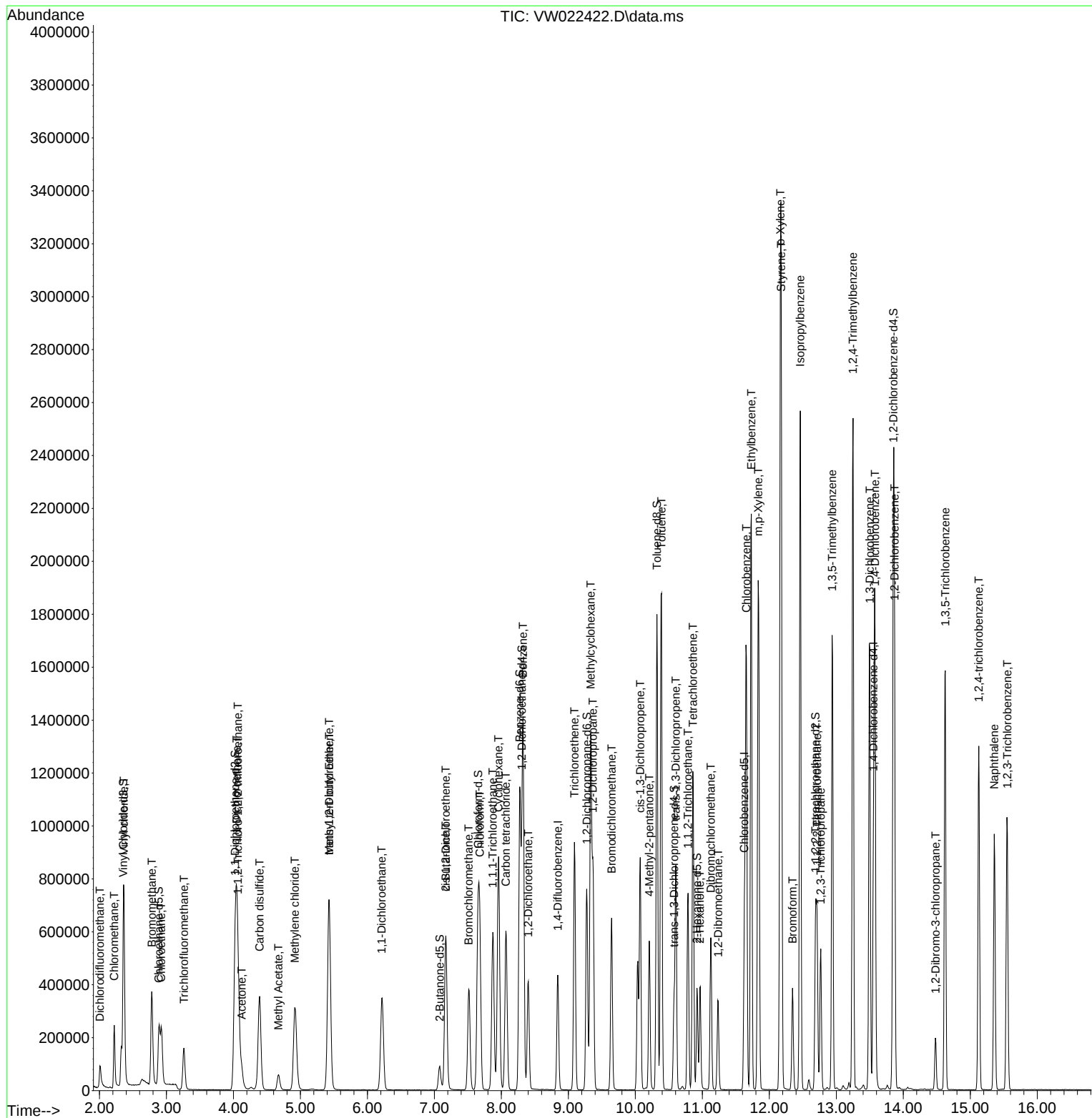
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	217320	51.424	ug/L	97
46) Tetrachloroethene	10.859	164	231891	50.974	ug/L	94
48) 2-Hexanone	10.963	43	247942	103.869	ug/L	99
49) Dibromochloromethane	11.127	129	272598	54.086	ug/L	99
50) 1,2-Dibromoethane	11.237	107	213135	51.076	ug/L	92
51) Chlorobenzene	11.658	112	831181	51.355	ug/L	98
52) Ethylbenzene	11.731	91	1557503	52.468	ug/L	97
53) m,p-Xylene	11.835	106	600314	53.182	ug/L	97
54) o-Xylene	12.164	106	583661	54.108	ug/L	98
55) Styrene	12.176	104	1009296	54.732	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	273292	52.689	ug/L	100
59) Bromoform	12.347	173	147228	52.694	ug/L	97
60) Isopropylbenzene	12.463	105	1632323	52.260	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	202504	50.628	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	889167	51.763	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1358092	51.991	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	646136	50.971	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	646488	51.137	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	582459	51.377	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.480	75	46510	50.137	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	423393	51.190	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	356403	51.309	ug/L	96
71) Naphthalene	15.358	128	763940	52.143	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	310468	52.290	ug/L	98

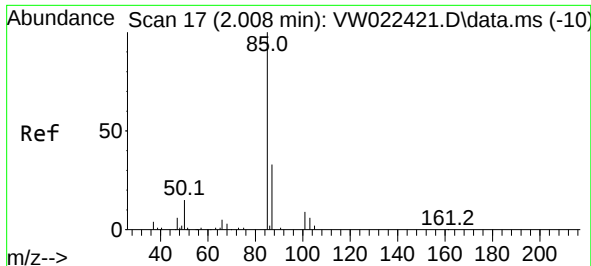
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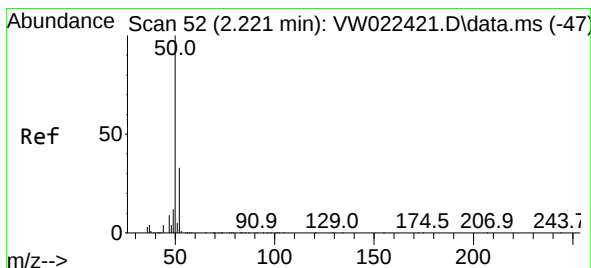
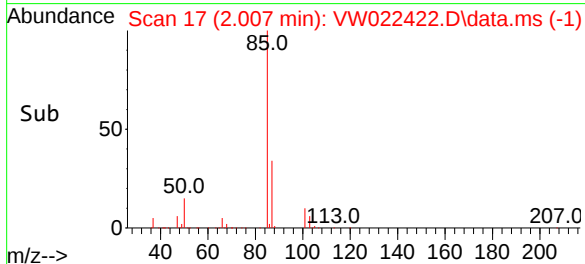
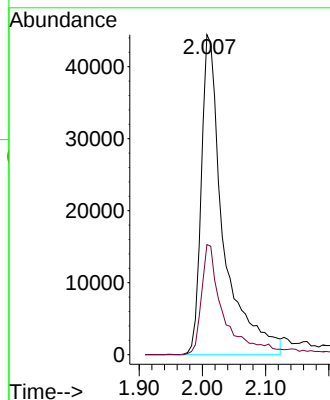
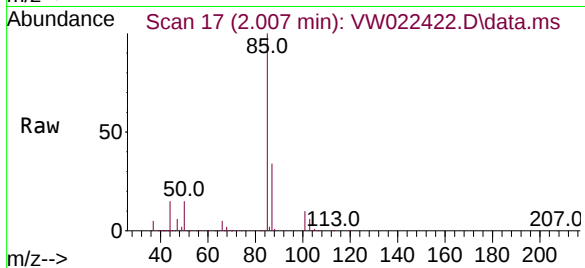




#2
Dichlorodifluoromethane
Concen: 66.777 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

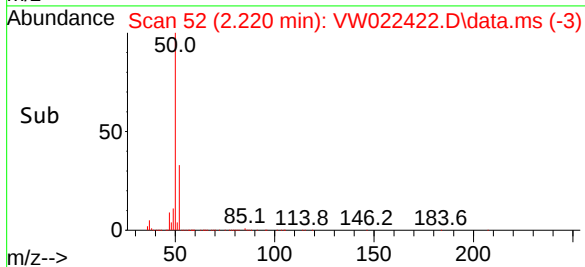
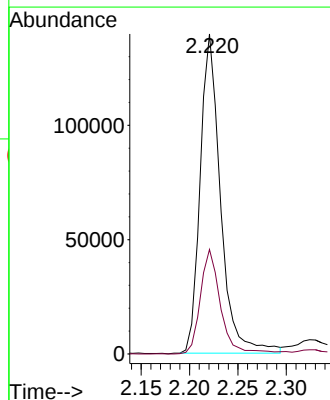
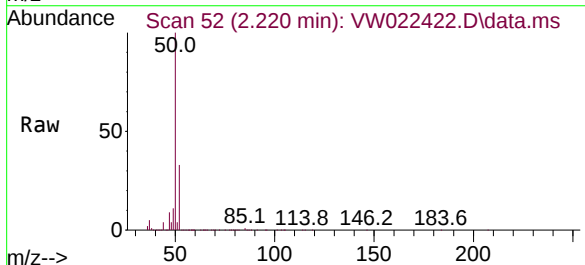
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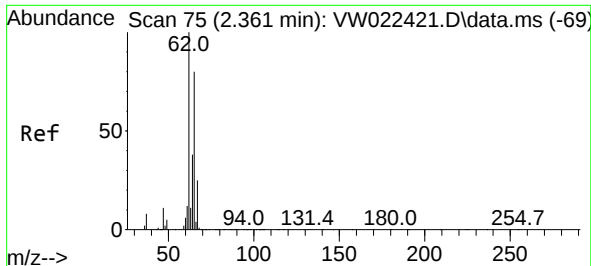
Tgt Ion: 85 Resp: 108087
Ion Ratio Lower Upper
85 100
87 28.9 23.7 35.5



#3
Chloromethane
Concen: 49.360 ug/L
RT: 2.220 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 50 Resp: 205179
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

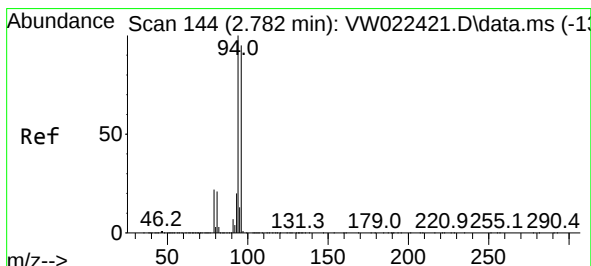
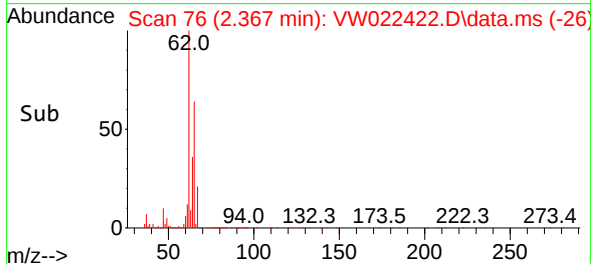
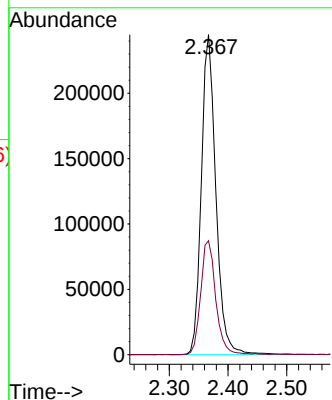
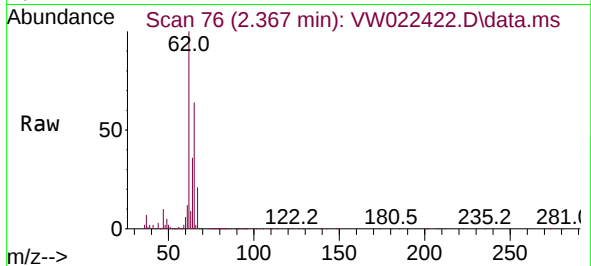




#5
 Vinyl chloride
 Concen: 48.584 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022422.D
 Acq: 07 Apr 2022 09:57

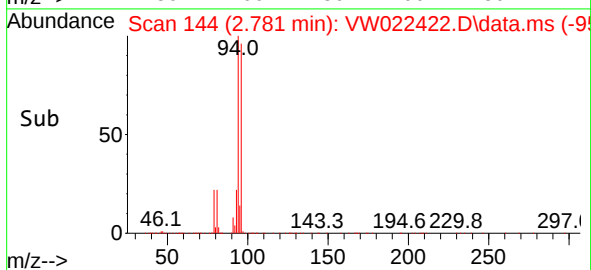
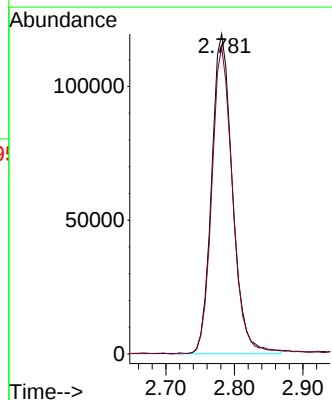
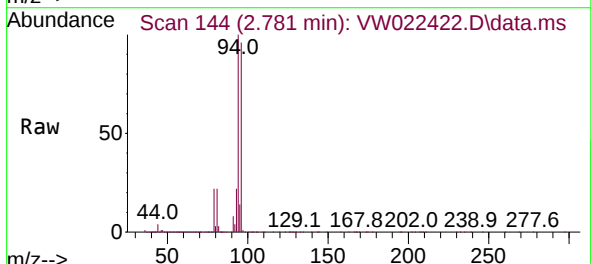
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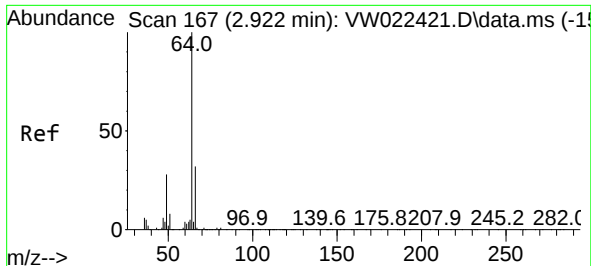
Tgt Ion: 62 Resp: 421398
 Ion Ratio Lower Upper
 62 100
 64 35.6 26.5 49.3



#6
 Bromomethane
 Concen: 47.915 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022422.D
 Acq: 07 Apr 2022 09:57

Tgt Ion: 94 Resp: 252637
 Ion Ratio Lower Upper
 94 100
 96 95.9 66.6 123.6

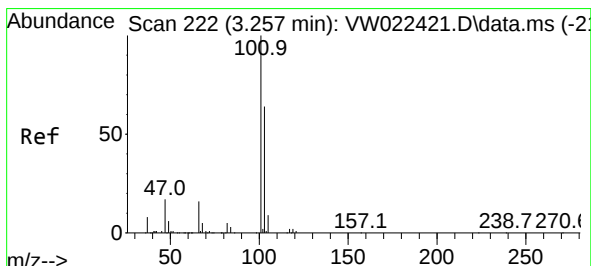
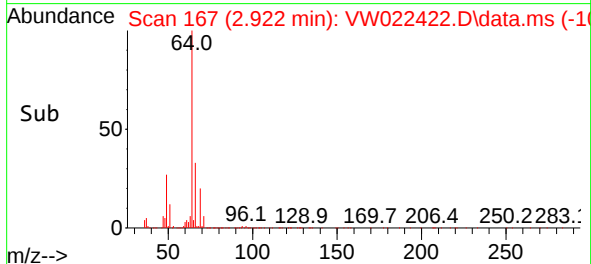
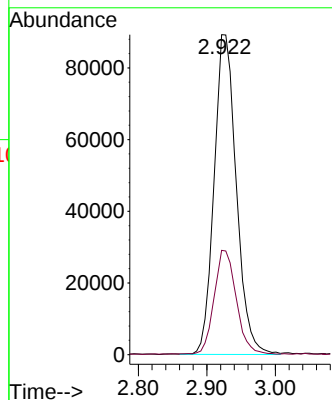
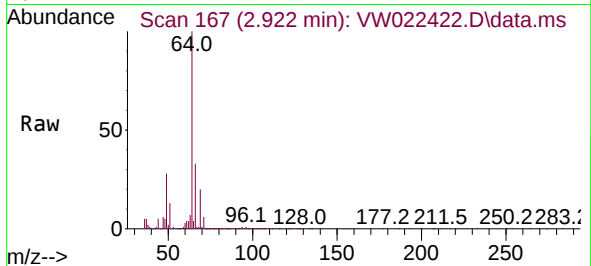




#8
Chloroethane
Concen: 52.922 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

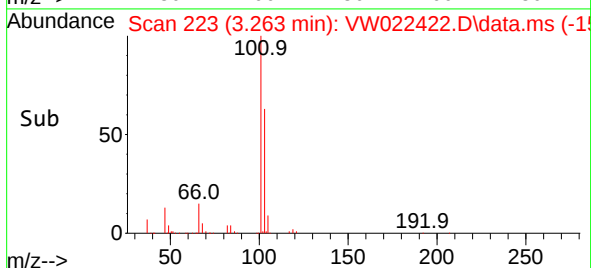
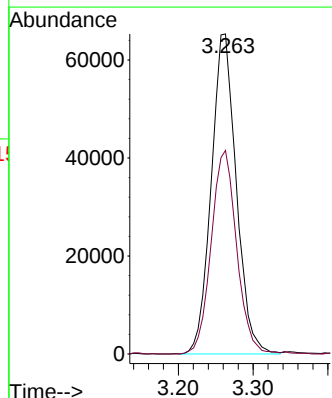
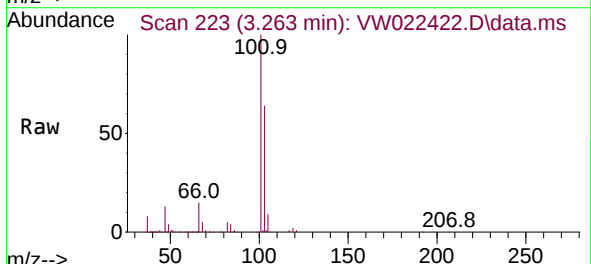
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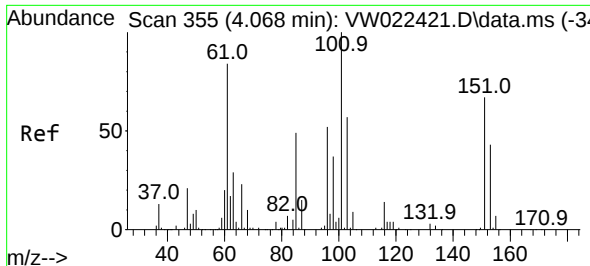
Tgt Ion: 64 Resp: 201025
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 47.626 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 101 Resp: 152507
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

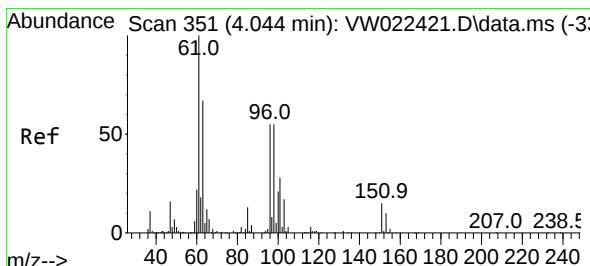
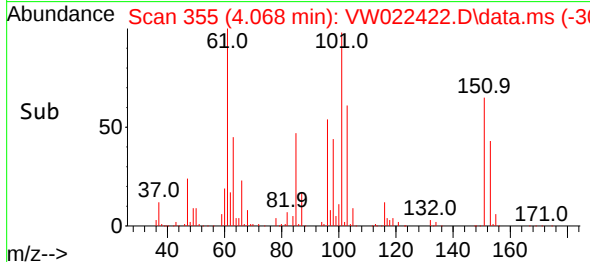
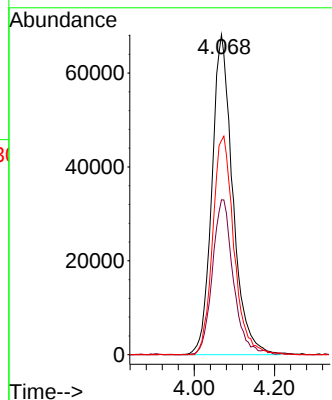
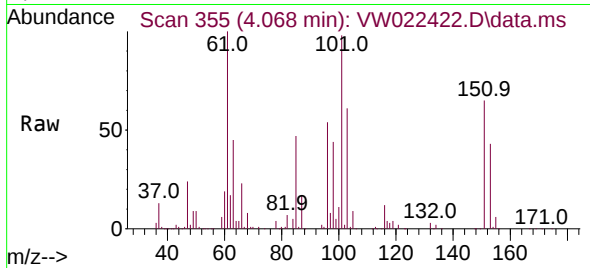




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.378 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022422.D
 Acq: 07 Apr 2022 09:57

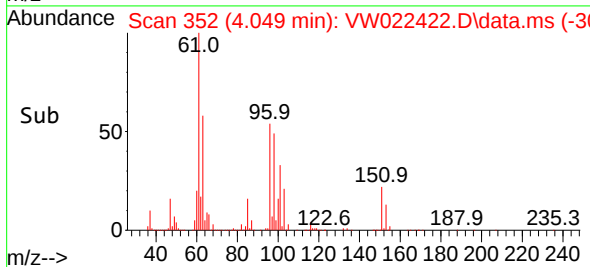
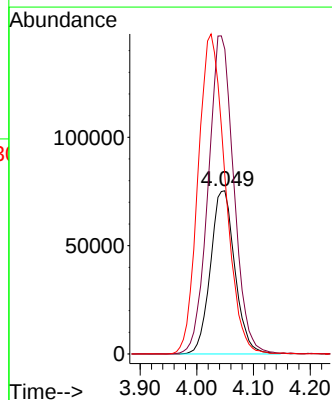
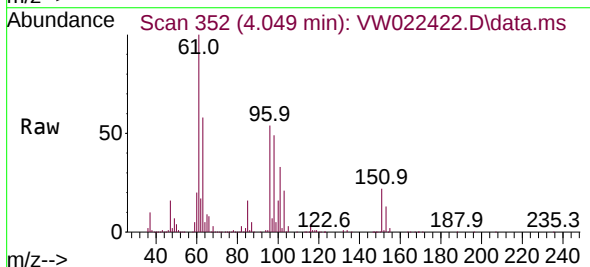
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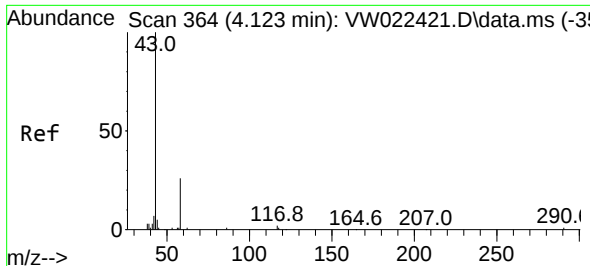
Tgt Ion:101 Resp: 246191
 Ion Ratio Lower Upper
 101 100
 85 47.4 39.2 58.8
 151 69.4 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 49.114 ug/L
 RT: 4.049 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW022422.D
 Acq: 07 Apr 2022 09:57

Tgt Ion: 96 Resp: 224912
 Ion Ratio Lower Upper
 96 100
 61 186.7 128.0 237.6
 63 109.2 86.6 160.8

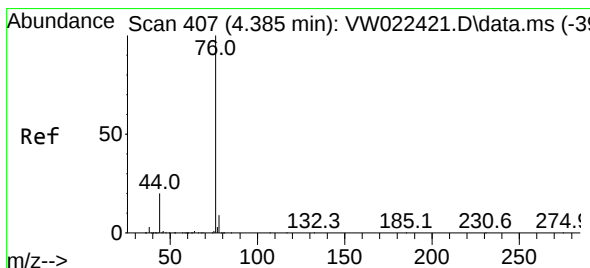
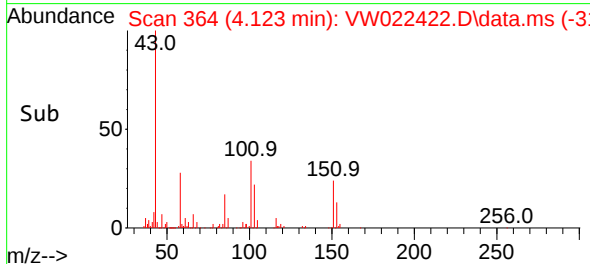
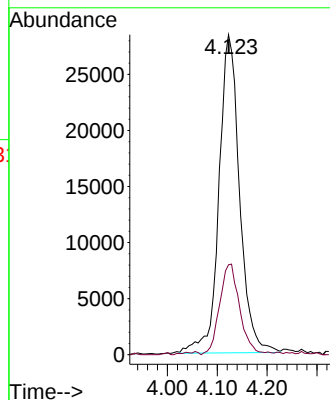
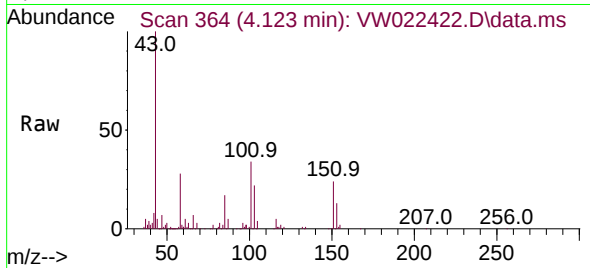




#13
Acetone
Concen: 94.790 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

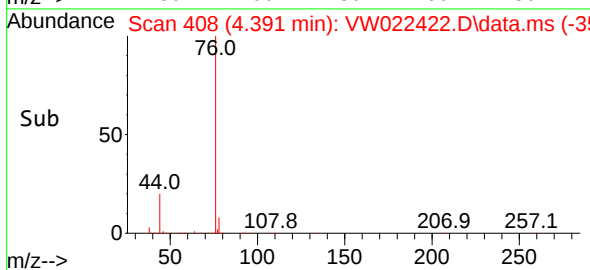
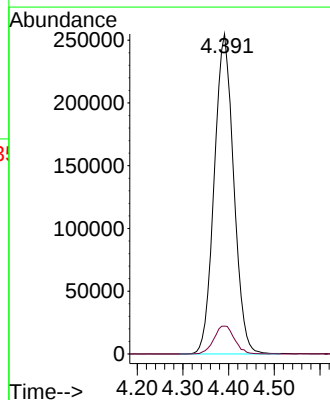
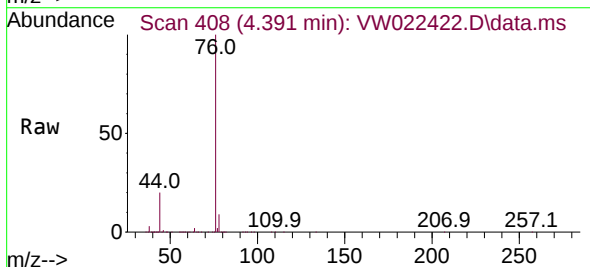
Instrument :
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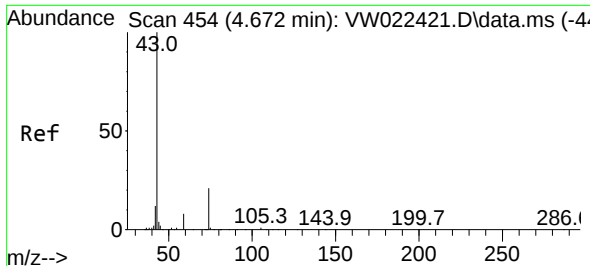
Tgt Ion: 43 Resp: 81552
Ion Ratio Lower Upper
43 100
58 27.6 0.0 57.0



#14
Carbon disulfide
Concen: 50.033 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 76 Resp: 753736
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

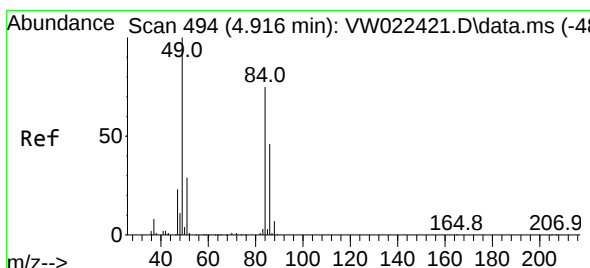
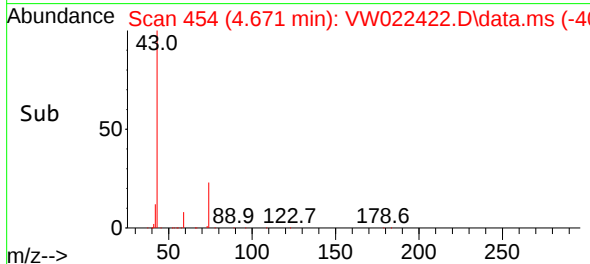
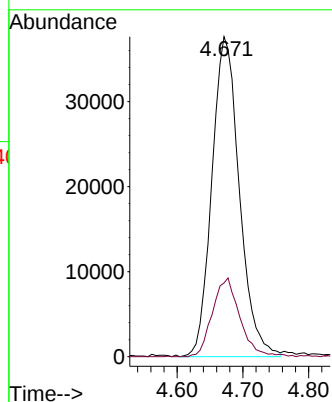
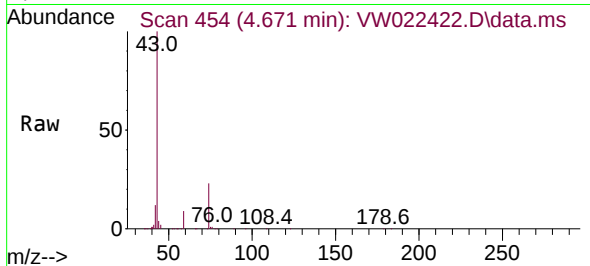




#15
Methyl Acetate
Concen: 48.026 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

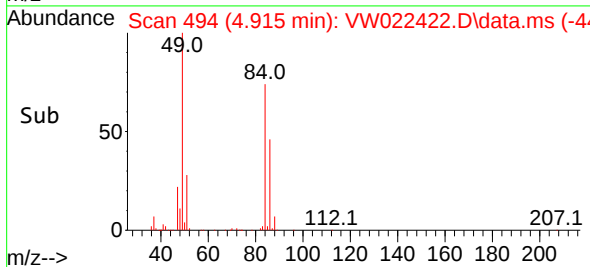
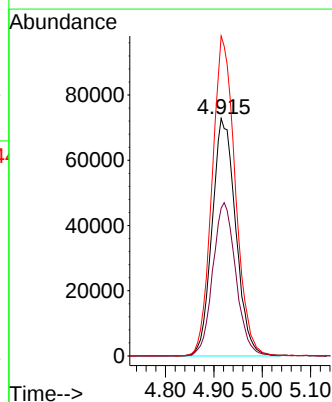
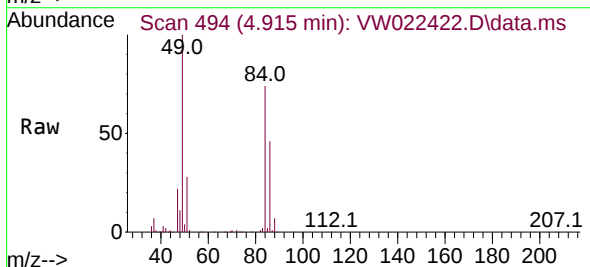
Instrument :
MSVOA_W
ClientSampleId :

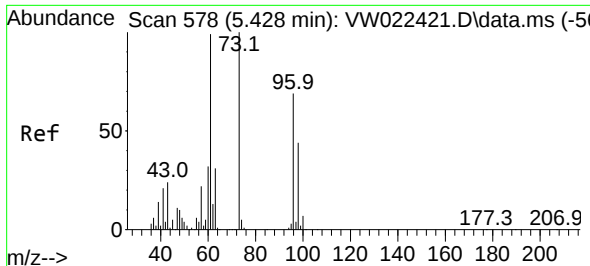
Tgt Ion: 43 Resp: 109536
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7



#16
Methylene chloride
Concen: 48.145 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 84 Resp: 246392
Ion Ratio Lower Upper
84 100
86 62.3 42.8 79.4
49 134.8 94.2 175.0

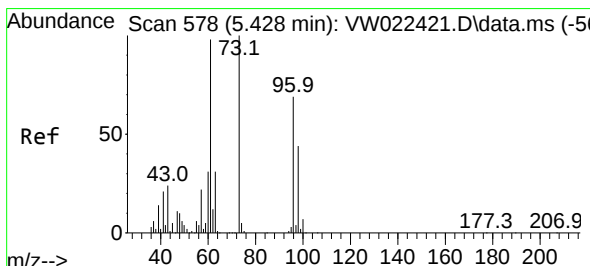
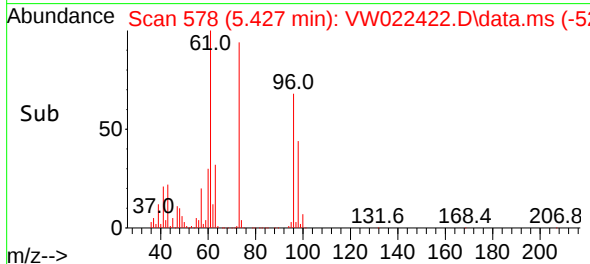
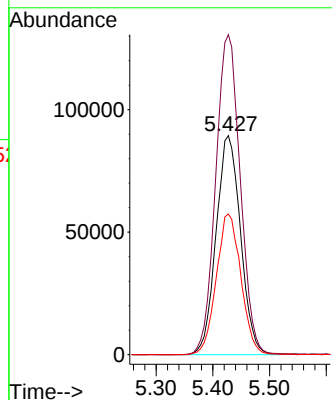
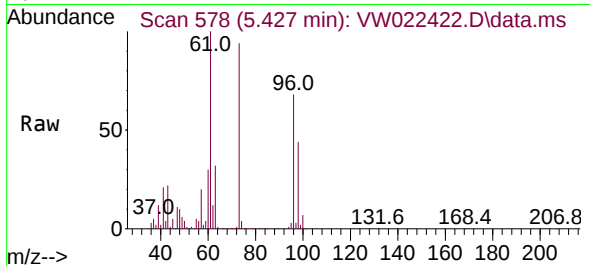




#17
trans-1,2-Dichloroethene
Concen: 50.042 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

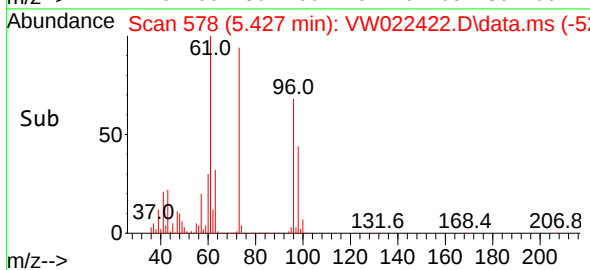
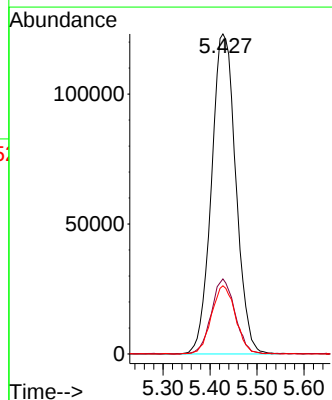
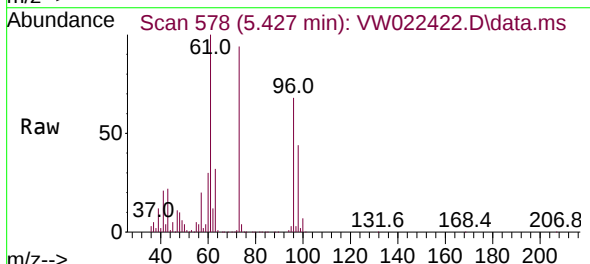
Instrument :
MSVOA_W
ClientSampleId :

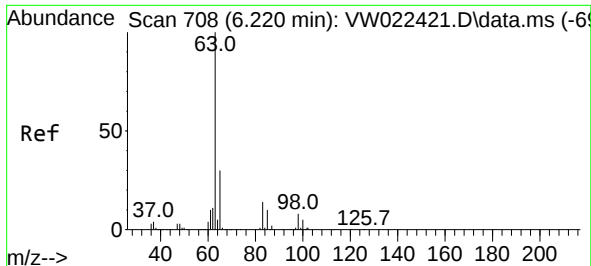
Tgt Ion: 96 Resp: 268060
Ion Ratio Lower Upper
96 100
61 146.1 99.8 185.4
98 64.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 50.542 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 73 Resp: 442809
Ion Ratio Lower Upper
73 100
43 22.6 18.8 28.2
57 20.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.282 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.007 min

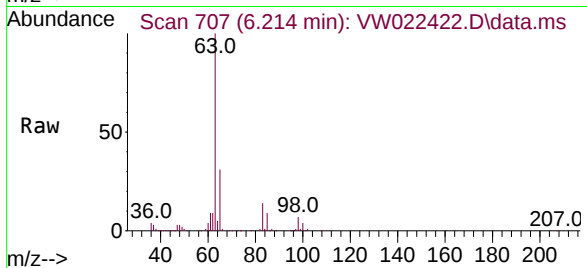
Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



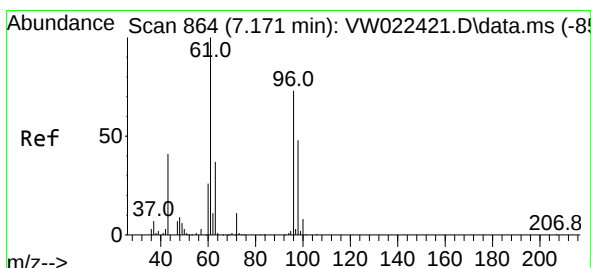
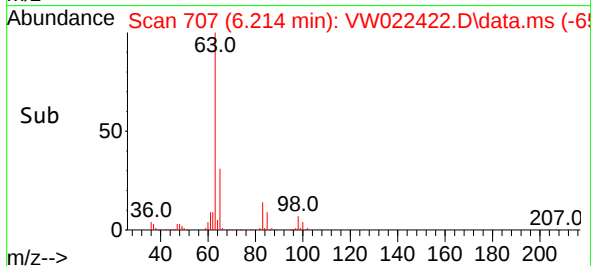
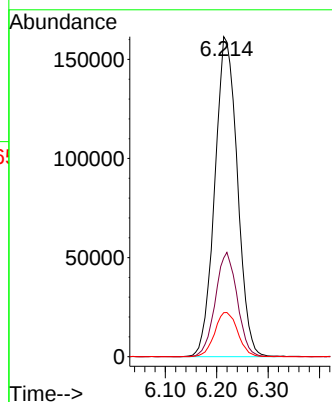
Tgt Ion: 63 Resp: 492170

Ion Ratio Lower Upper

63 100

65 30.8 21.1 39.3

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 50.895 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

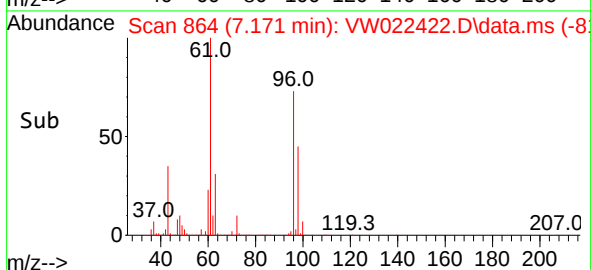
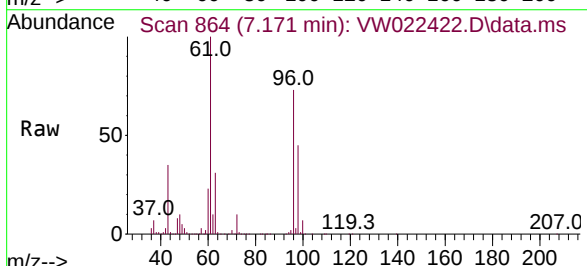
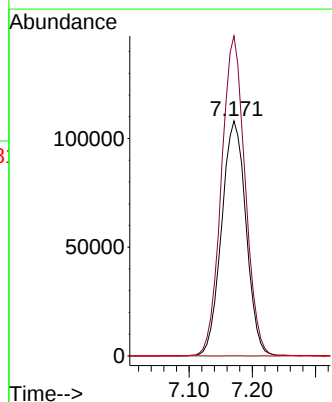
Tgt Ion: 96 Resp: 289153

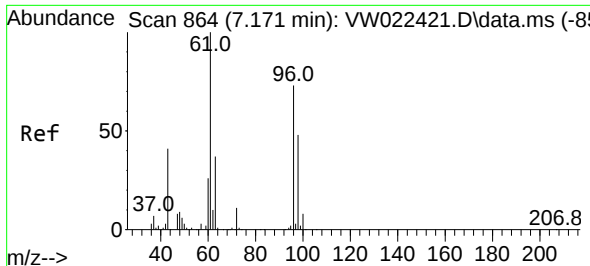
Ion Ratio Lower Upper

96 100

61 136.1 96.4 179.0

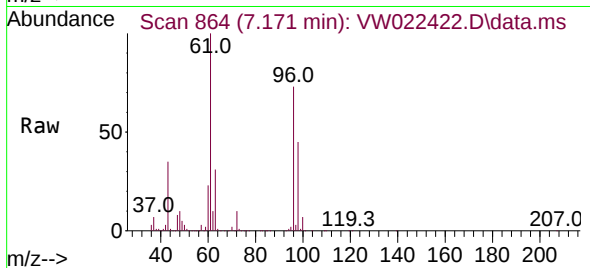
68 0.1 0.1 0.3



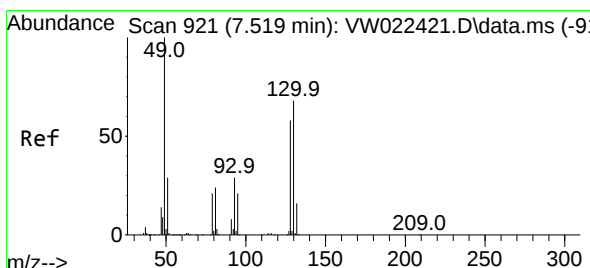
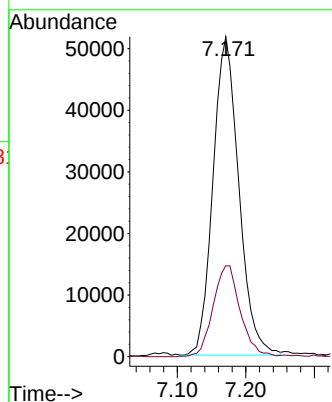
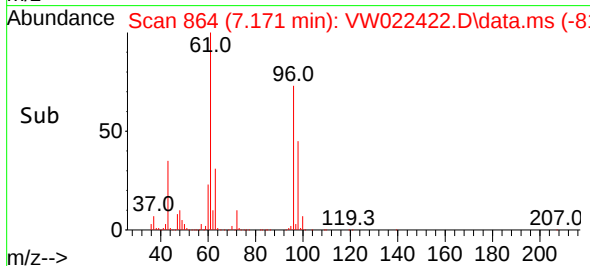


#22
2-Butanone
Concen: 100.226 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

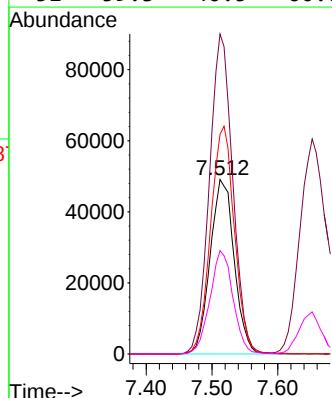
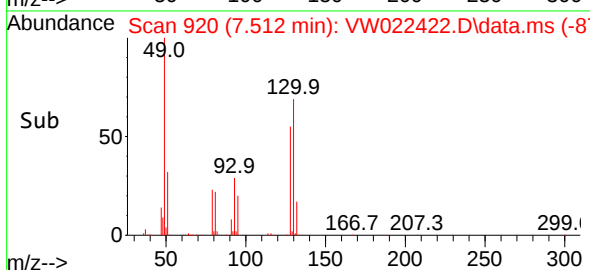
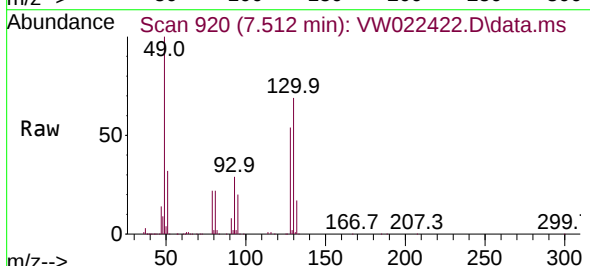


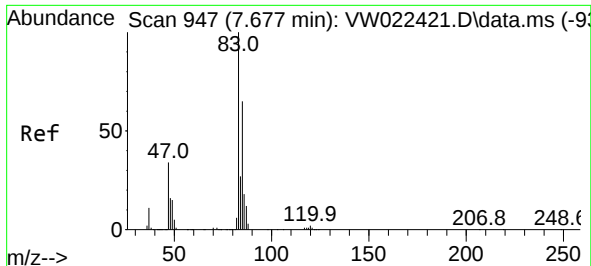
Tgt Ion: 43 Resp: 135290
Ion Ratio Lower Upper
43 100
72 30.0 14.0 42.0



#23
Bromochloromethane
Concen: 51.262 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.007 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

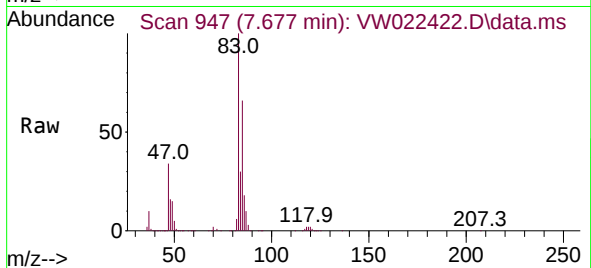
Tgt Ion: 128 Resp: 124993
Ion Ratio Lower Upper
128 100
49 183.5 120.8 224.3
130 126.0 81.8 151.8
51 59.3 40.5 60.7



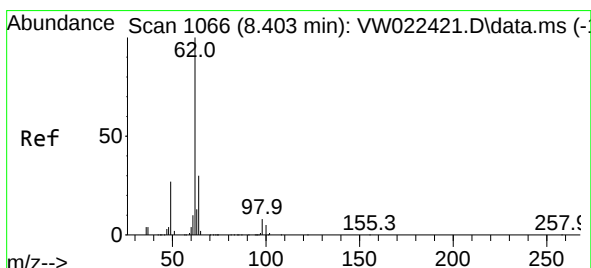
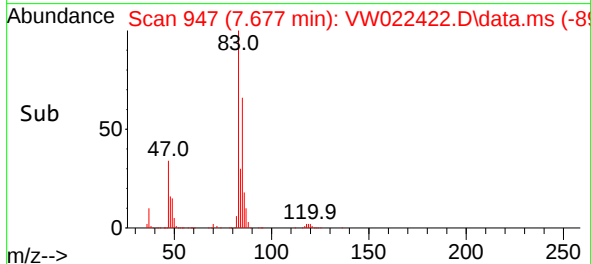
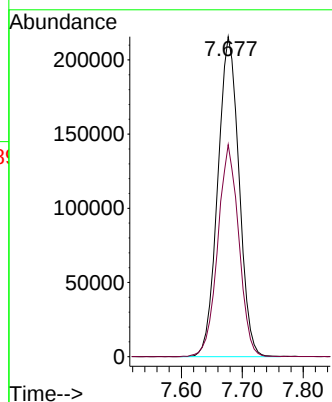


#25
Chloroform
Concen: 50.584 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

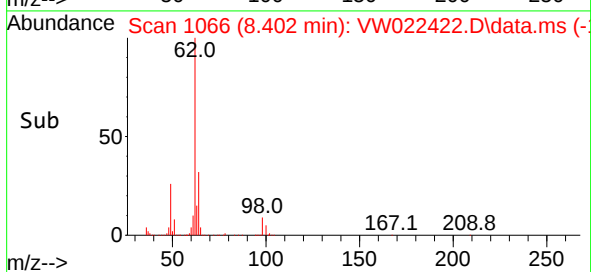
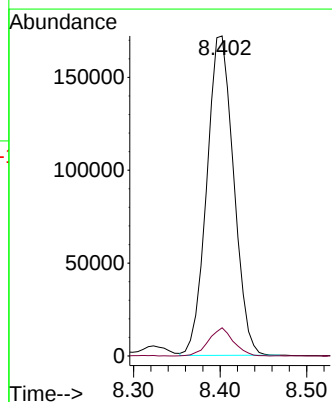
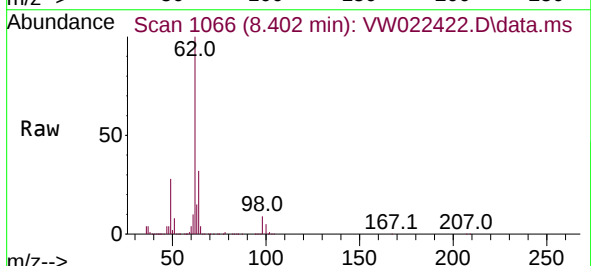


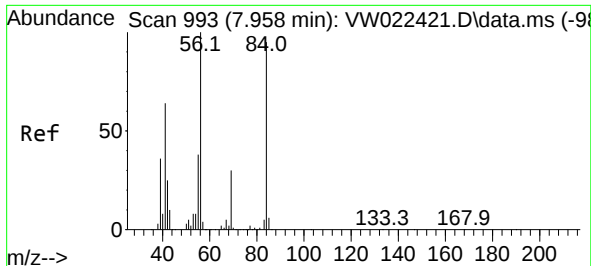
Tgt Ion: 83 Resp: 521489
Ion Ratio Lower Upper
83 100
85 66.3 45.8 85.0



#27
1,2-Dichloroethane
Concen: 51.225 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 62 Resp: 371172
Ion Ratio Lower Upper
62 100
98 8.8 6.2 9.2





#29

Cyclohexane

Concen: 48.999 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

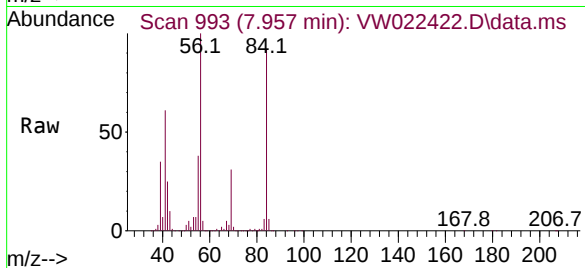
Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



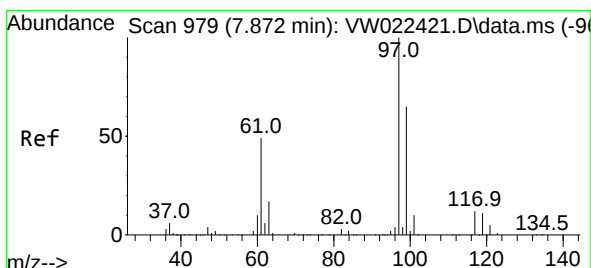
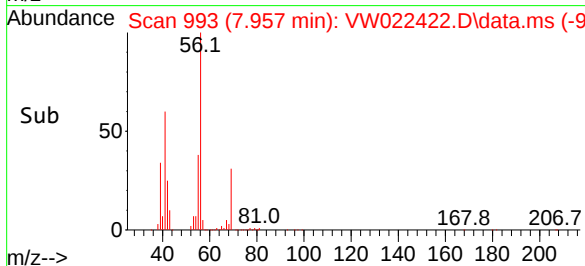
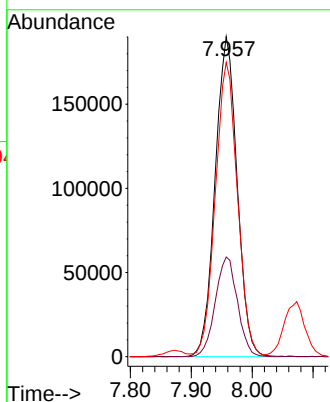
Tgt Ion: 56 Resp: 477431

Ion Ratio Lower Upper

56 100

69 31.3 24.4 36.6

84 92.4 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 49.307 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

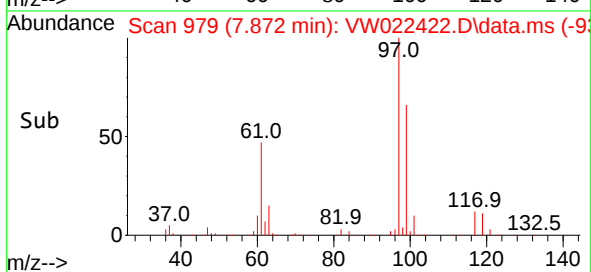
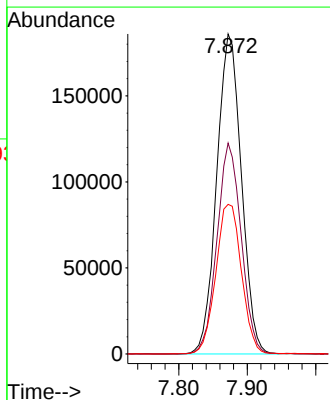
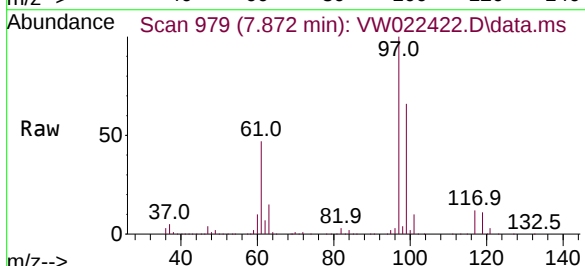
Tgt Ion: 97 Resp: 465635

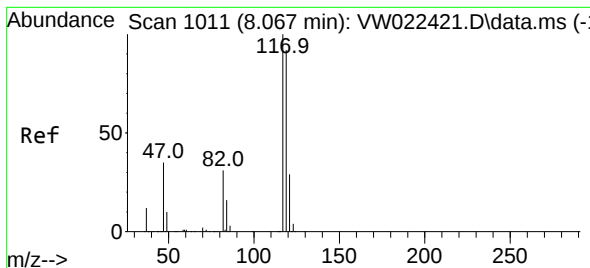
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 48.5 38.7 58.1





#31

Carbon tetrachloride

Concen: 50.382 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

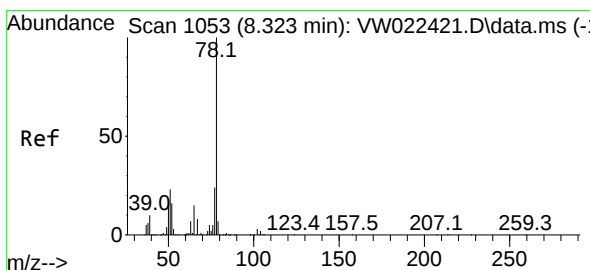
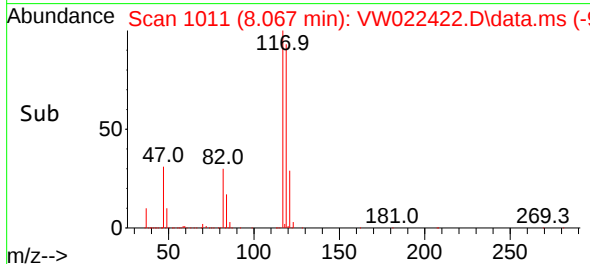
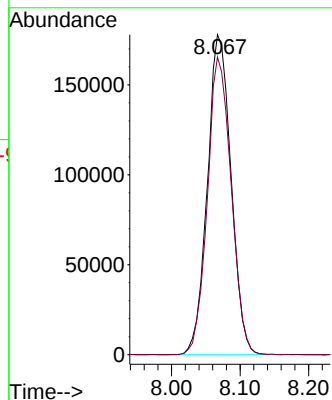
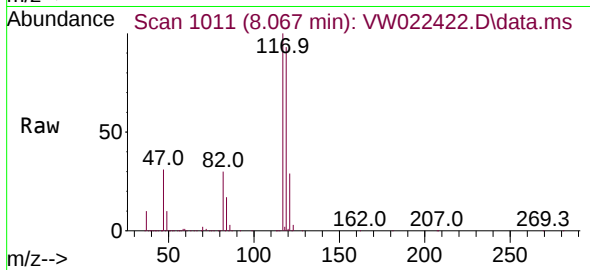
ClientSampleId :

Tgt Ion:117 Resp: 427034

Ion Ratio Lower Upper

117 100

119 93.3 75.5 113.3



#33

Benzene

Concen: 49.384 ug/L

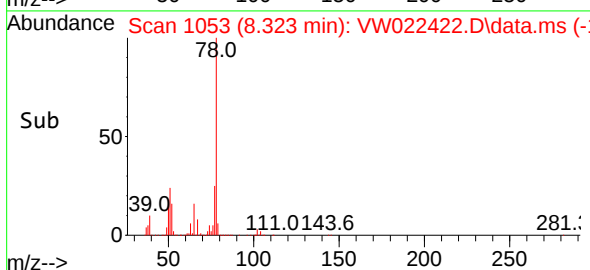
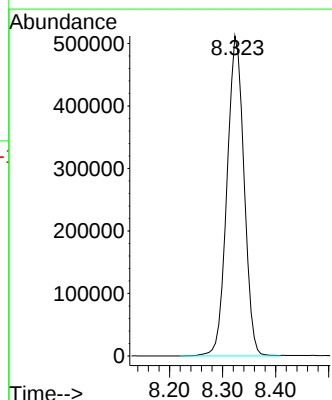
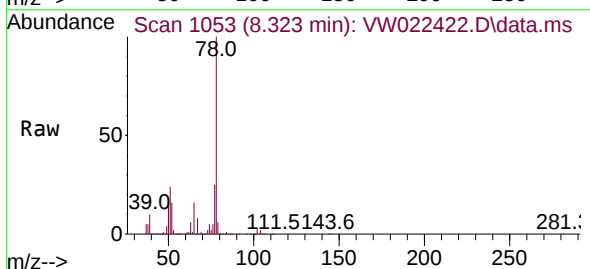
RT: 8.323 min Scan# 1053

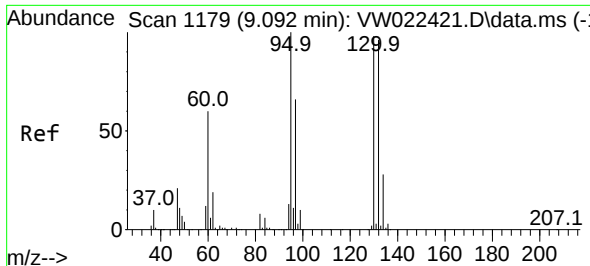
Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Tgt Ion: 78 Resp: 1141458





#34

Trichloroethene

Concen: 49.777 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

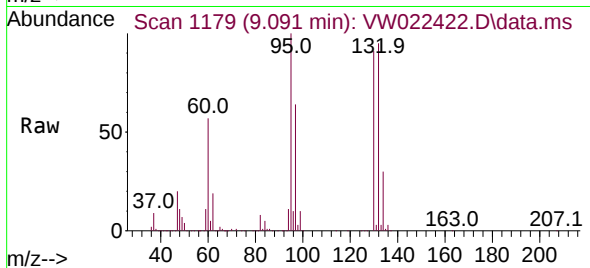
Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 308058

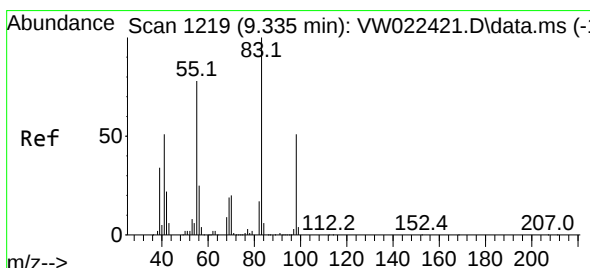
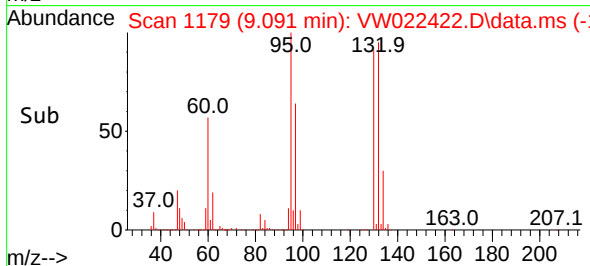
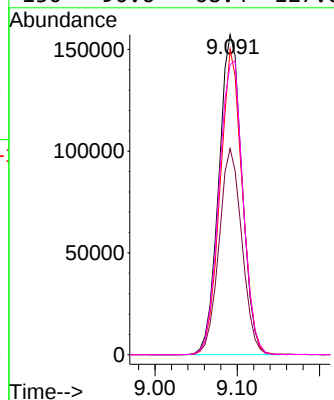
Ion Ratio Lower Upper

95 100

97 64.4 46.4 86.2

132 95.4 67.4 125.2

130 90.6 68.4 127.0



#35

Methylcyclohexane

Concen: 49.770 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

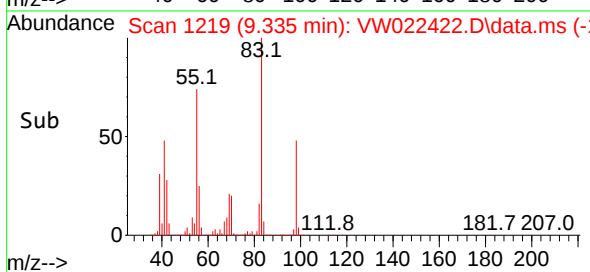
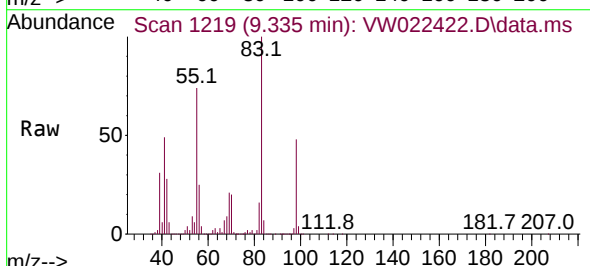
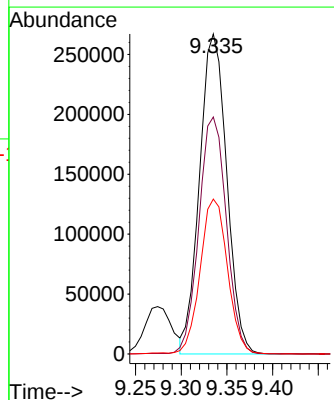
Tgt Ion: 83 Resp: 552620

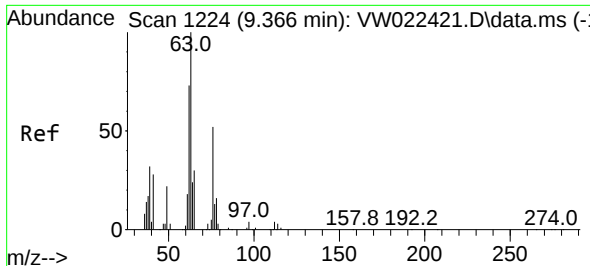
Ion Ratio Lower Upper

83 100

55 74.6 61.0 91.6

98 48.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 50.212 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

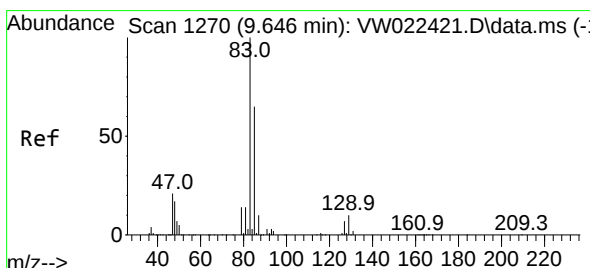
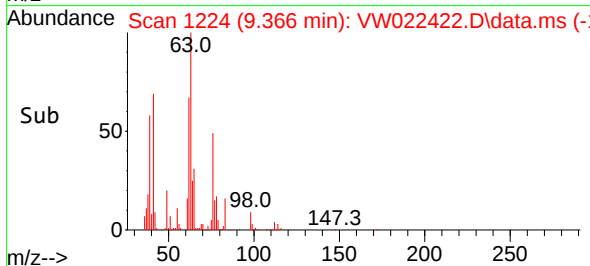
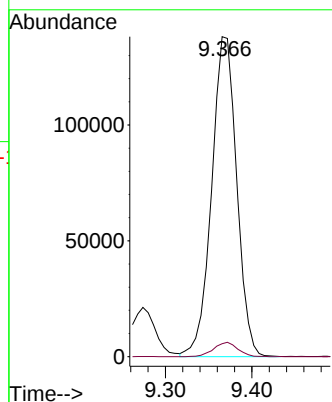
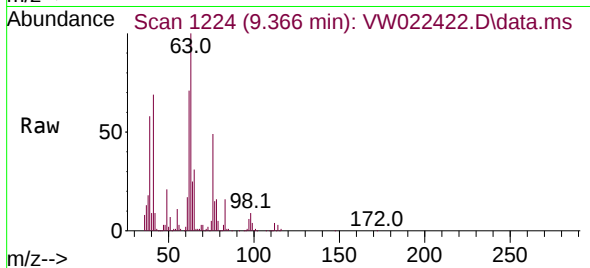
ClientSampleId :

Tgt Ion: 63 Resp: 278035

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 51.226 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

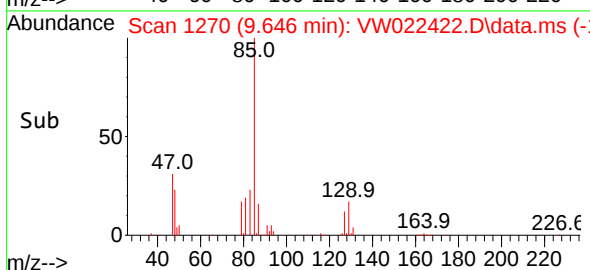
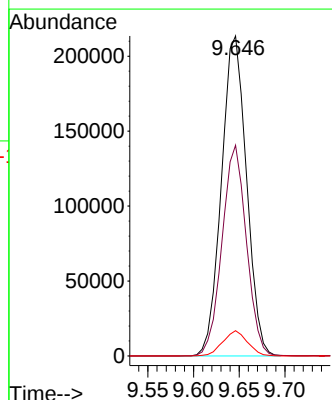
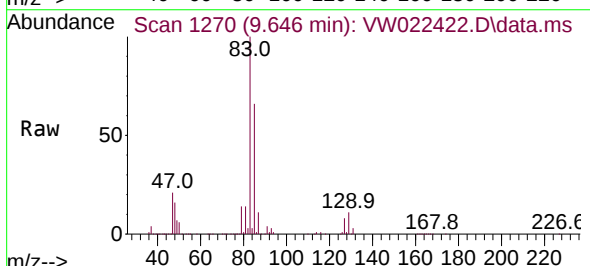
Tgt Ion: 83 Resp: 407903

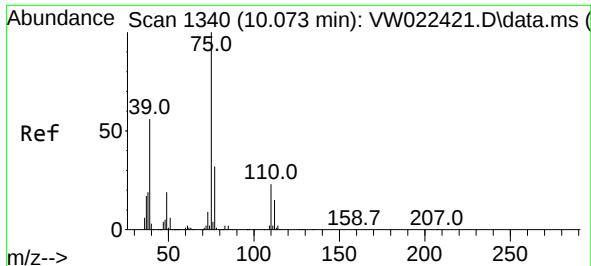
Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0

127 7.9 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 53.599 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

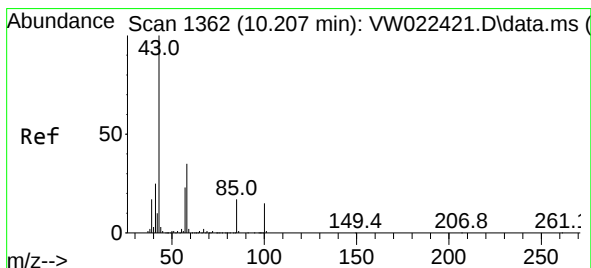
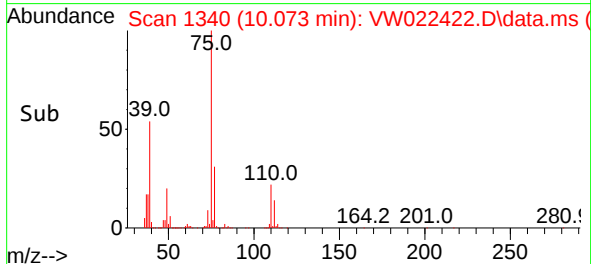
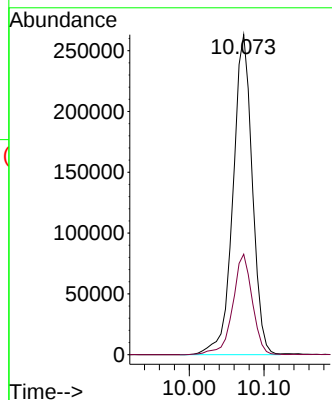
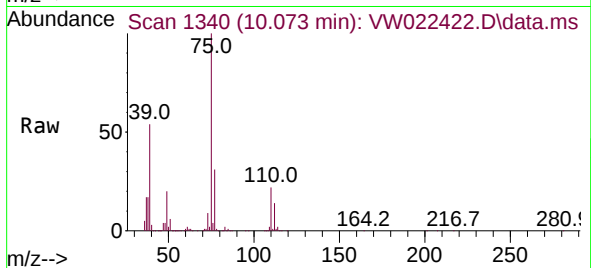
ClientSampleId :

Tgt Ion: 75 Resp: 470953

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 104.290 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

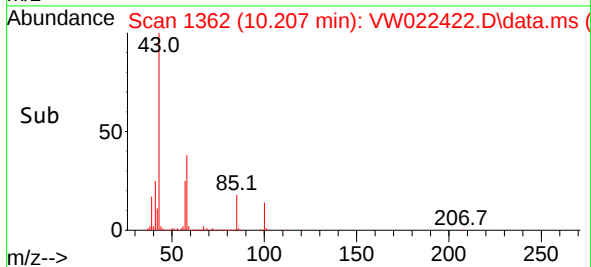
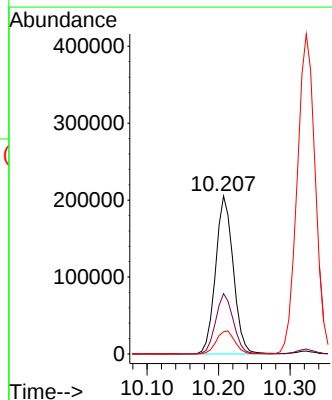
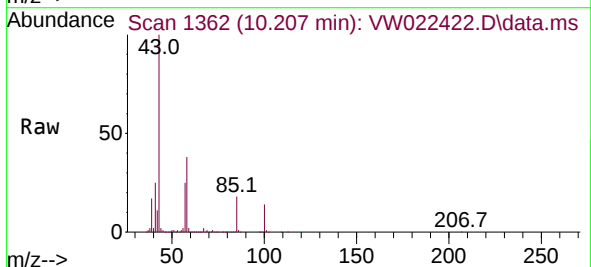
Tgt Ion: 43 Resp: 352422

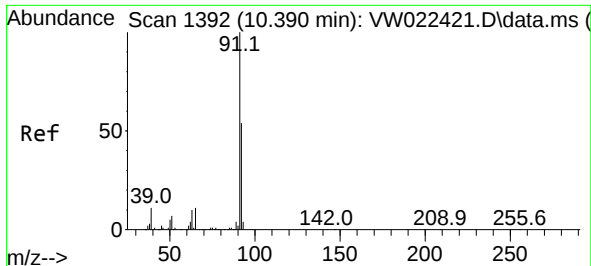
Ion Ratio Lower Upper

43 100

58 38.3 29.3 43.9

100 15.3 12.2 18.4

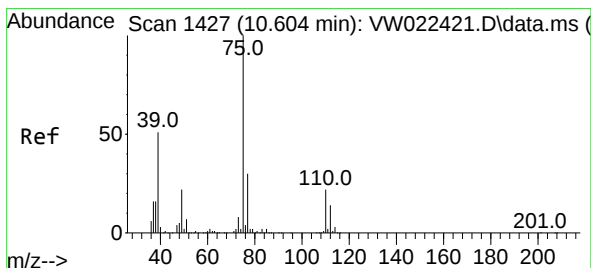
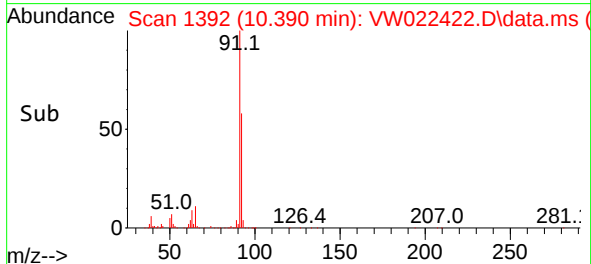
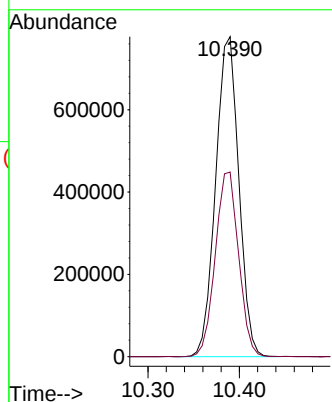
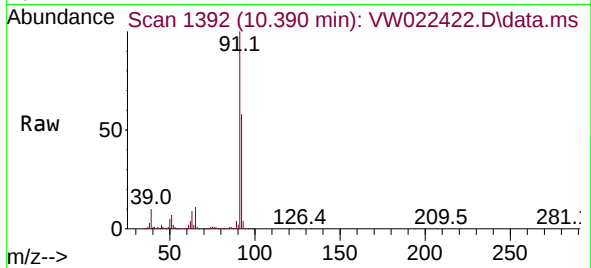




#42
Toluene
Concen: 51.725 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

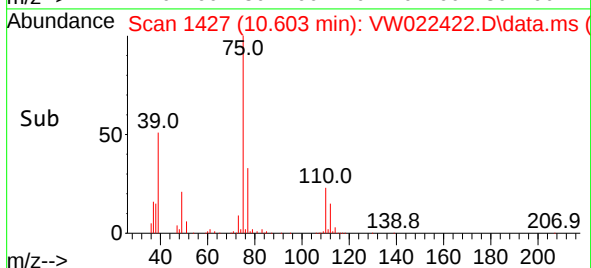
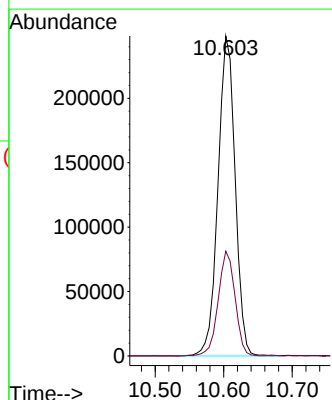
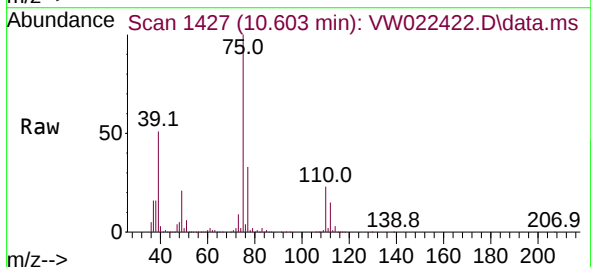
Instrument :
MSVOA_W
ClientSampleId :

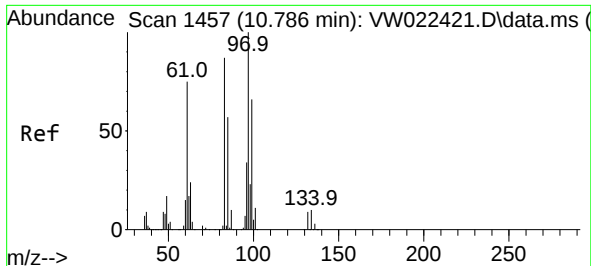
Tgt Ion: 91 Resp: 1369966
Ion Ratio Lower Upper
91 100
92 57.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 54.767 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

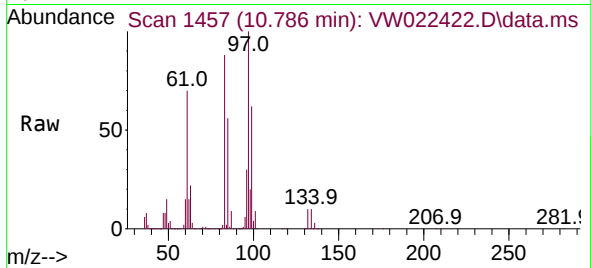
Tgt Ion: 75 Resp: 430882
Ion Ratio Lower Upper
75 100
77 32.8 21.3 39.6



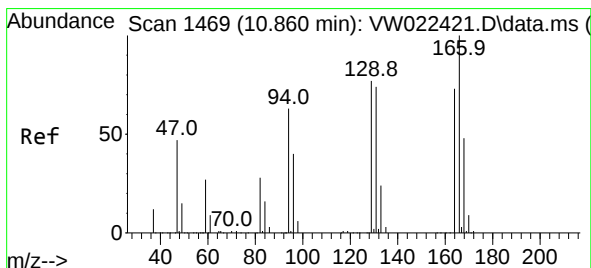
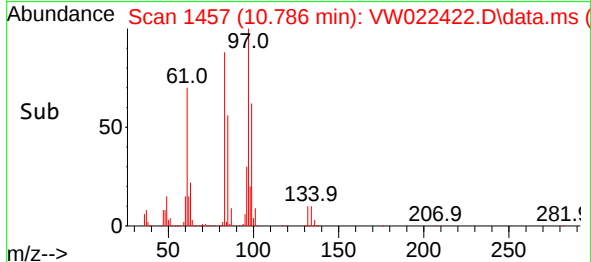
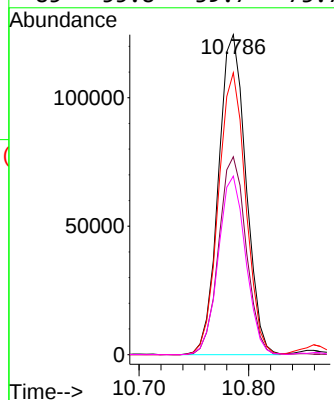


#45
1,1,2-Trichloroethane
Concen: 51.424 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

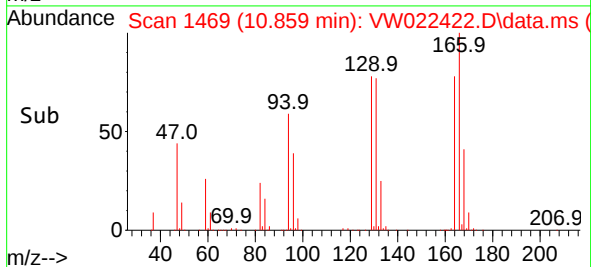
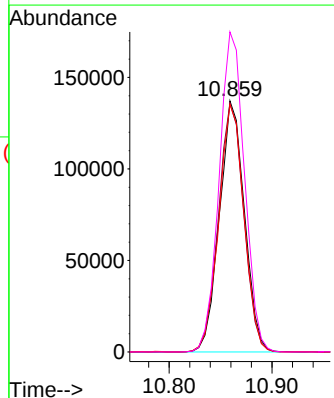
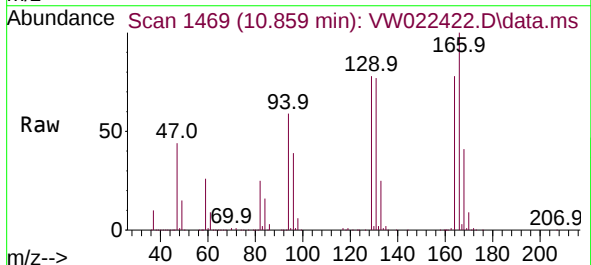


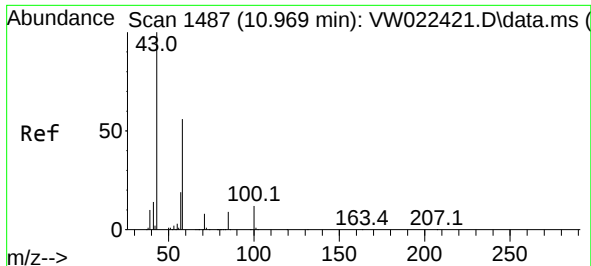
Tgt Ion:	97	Resp:	217320
Ion	Ratio	Lower	Upper
97	100		
99	61.9	46.0	85.4
83	88.1	60.6	112.6
85	55.8	39.7	73.7



#46
Tetrachloroethene
Concen: 50.974 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

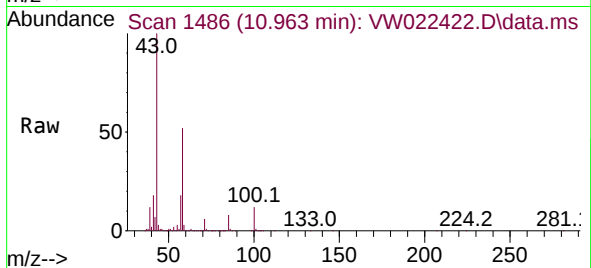
Tgt Ion:	164	Resp:	231891
Ion	Ratio	Lower	Upper
164	100		
129	99.2	74.1	137.7
131	98.6	71.4	132.6
166	127.5	95.9	178.1





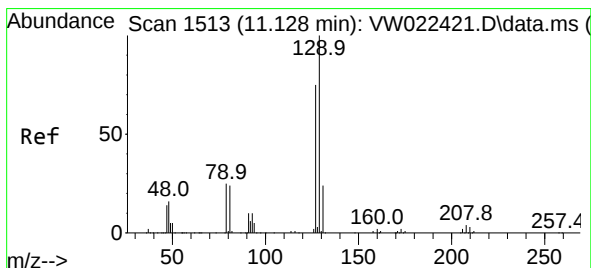
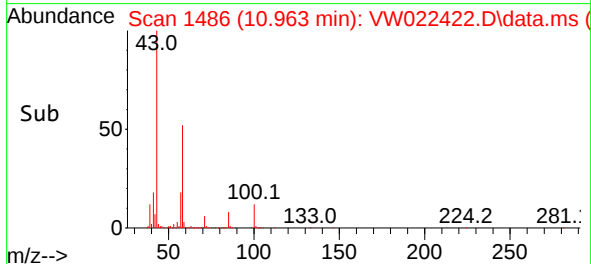
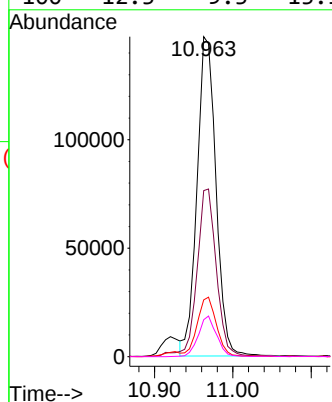
#48
2-Hexanone
Concen: 103.869 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.007 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 247942

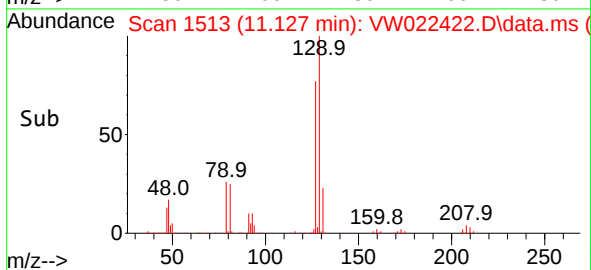
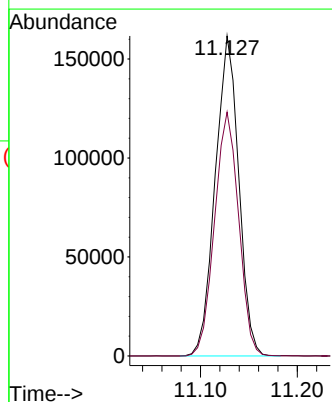
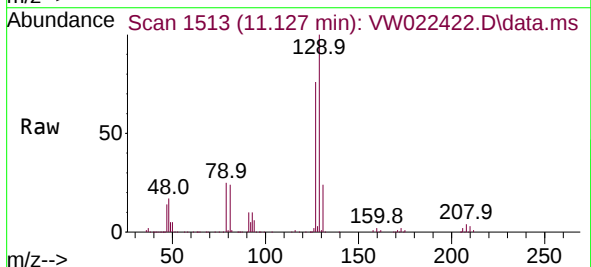
Ion	Ratio	Lower	Upper
43	100		
58	52.5	41.6	62.4
57	19.0	14.5	21.7
100	12.3	9.3	13.9

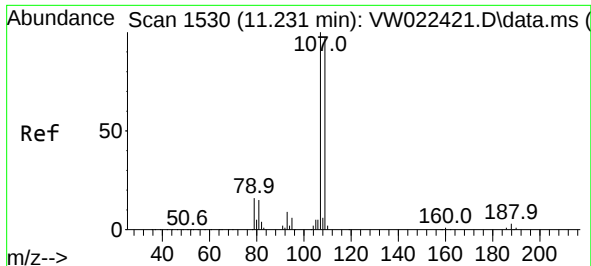


#49
Dibromochloromethane
Concen: 54.086 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion: 129 Resp: 272598

Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.6	97.6





#50

1,2-Dibromoethane

Concen: 51.076 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

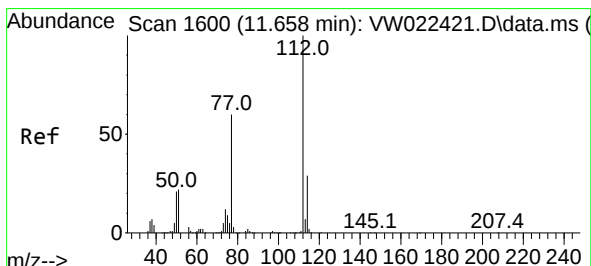
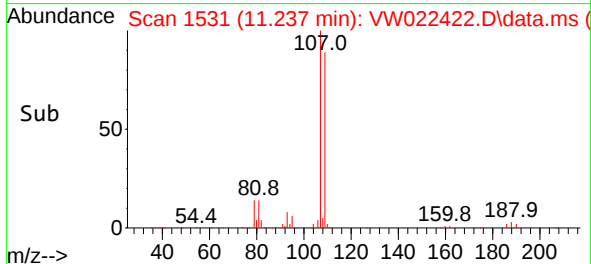
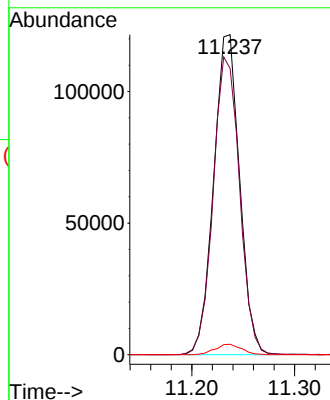
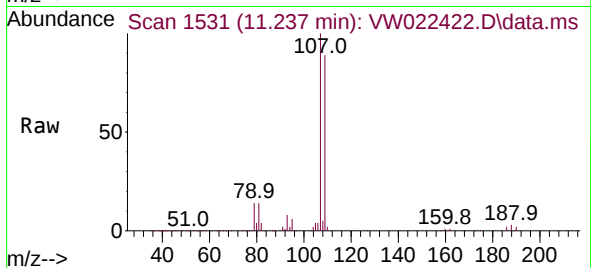
Tgt Ion:107 Resp: 213135

Ion Ratio Lower Upper

107 100

109 89.5 68.2 126.6

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 51.355 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

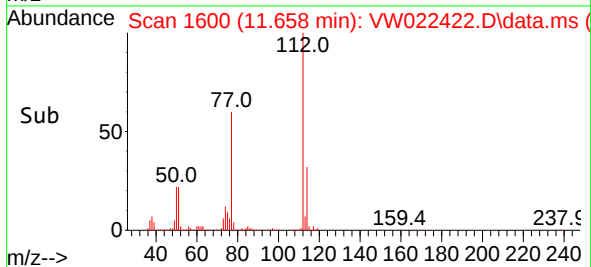
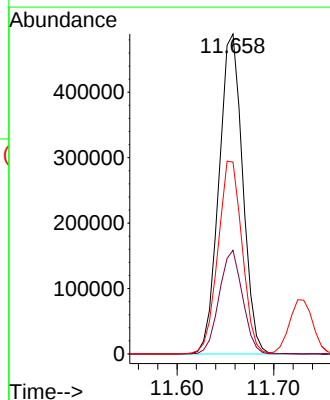
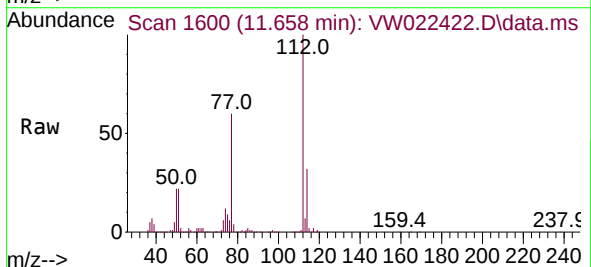
Tgt Ion:112 Resp: 831181

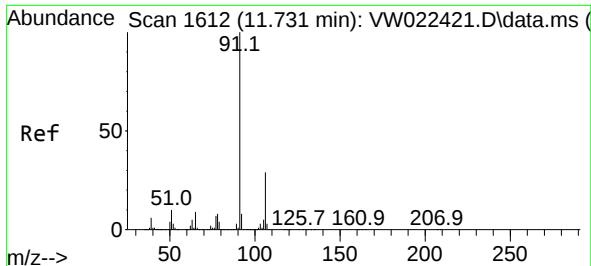
Ion Ratio Lower Upper

112 100

114 32.4 20.5 38.1

77 59.9 48.1 72.1

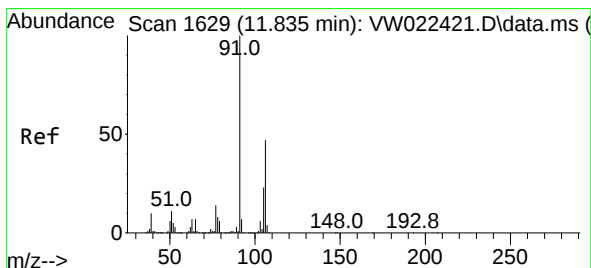
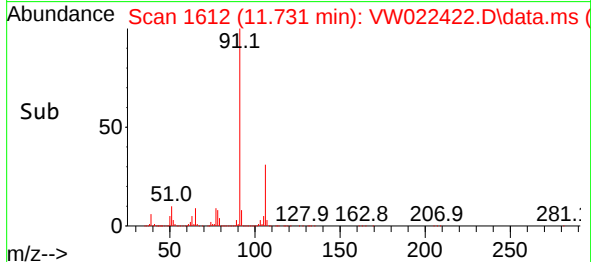
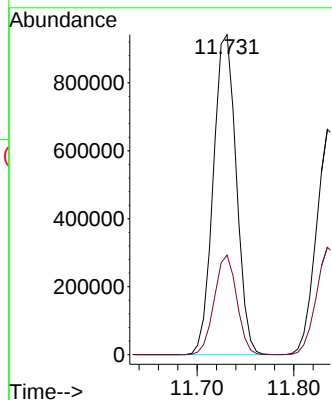
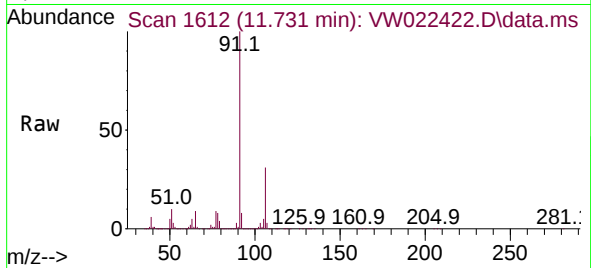




#52
Ethylbenzene
Concen: 52.468 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

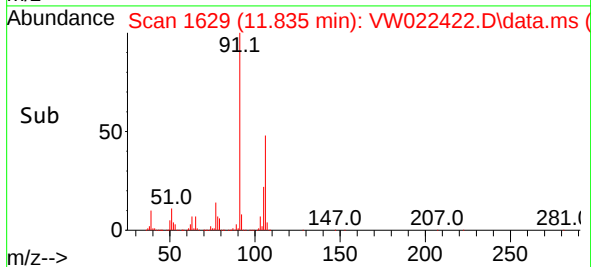
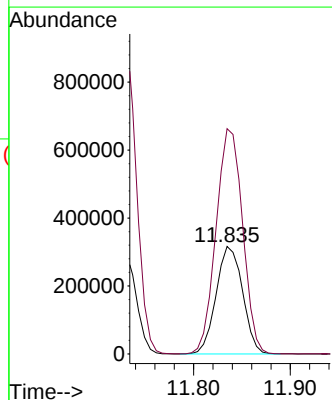
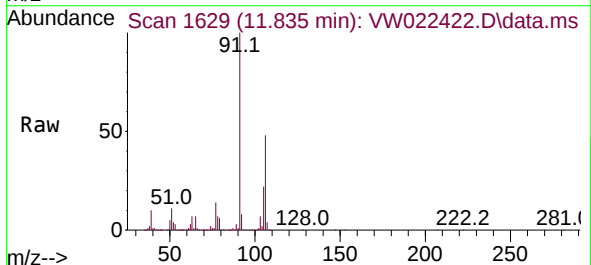
Instrument :
MSVOA_W
ClientSampleId :

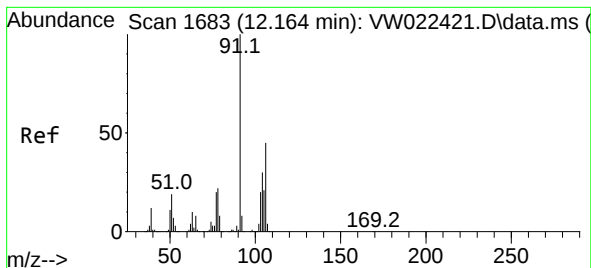
Tgt Ion: 91 Resp: 1557503
Ion Ratio Lower Upper
91 100
106 31.1 20.5 38.1



#53
m,p-Xylene
Concen: 53.182 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion:106 Resp: 600314
Ion Ratio Lower Upper
106 100
91 209.6 149.9 278.5





#54

o-Xylene

Concen: 54.108 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

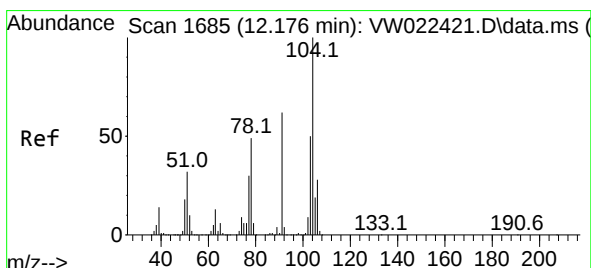
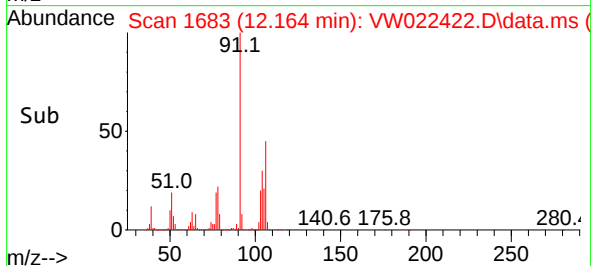
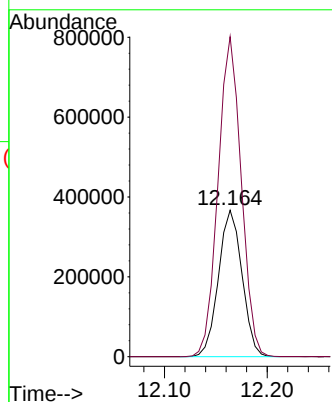
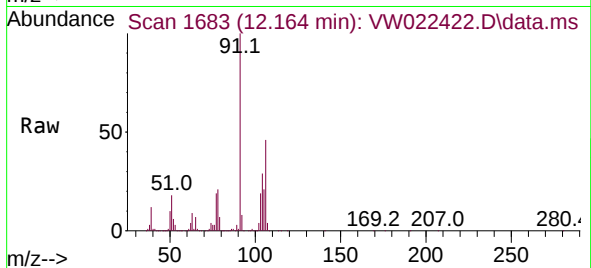
ClientSampleId :

Tgt Ion:106 Resp: 583661

Ion Ratio Lower Upper

106 100

91 218.6 155.3 288.3



#55

Styrene

Concen: 54.732 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022422.D

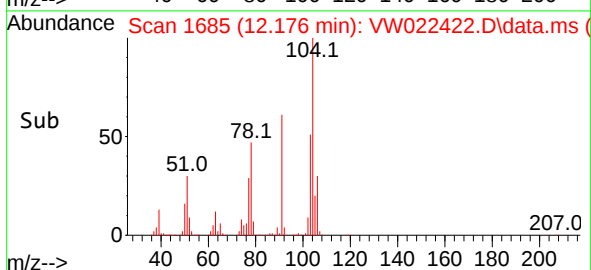
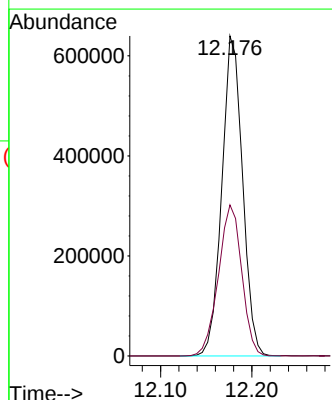
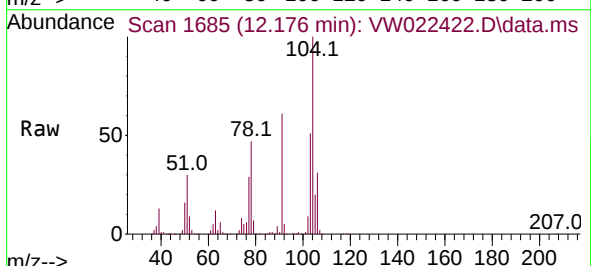
Acq: 07 Apr 2022 09:57

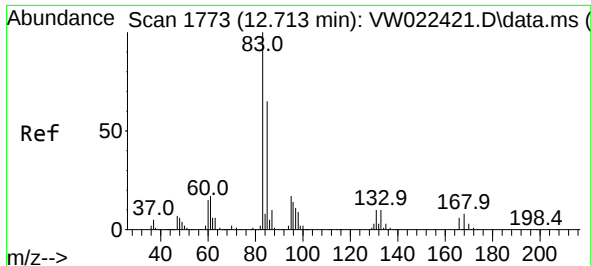
Tgt Ion:104 Resp: 1009296

Ion Ratio Lower Upper

104 100

78 47.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 52.689 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

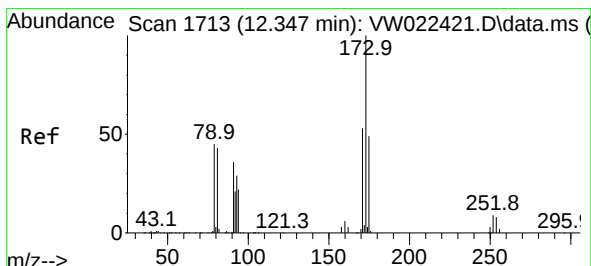
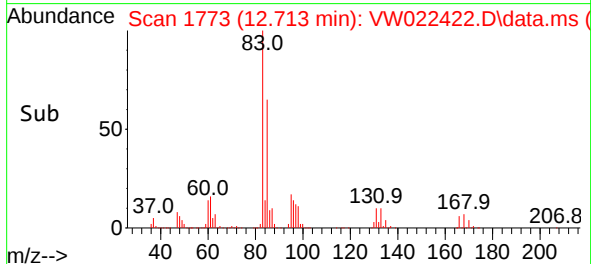
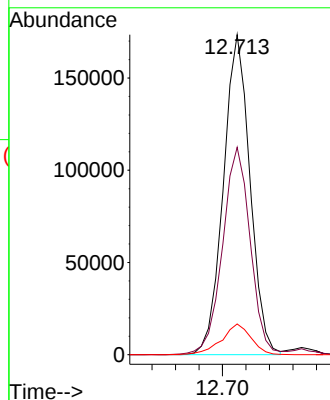
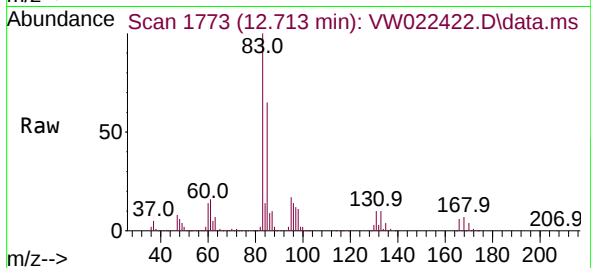
Tgt Ion: 83 Resp: 273292

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5

131 9.6 7.8 11.8



#59

Bromoform

Concen: 52.694 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

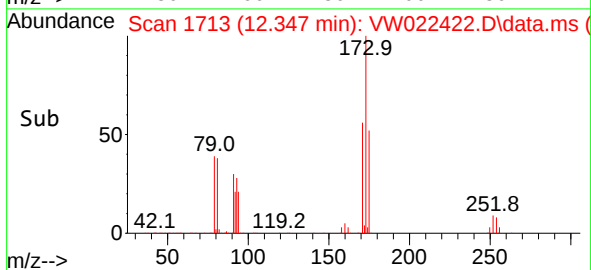
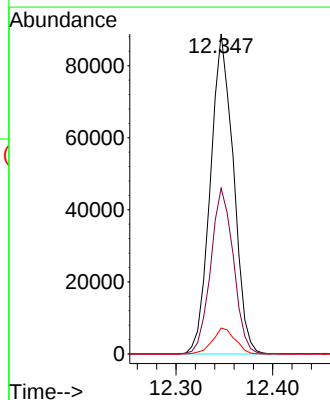
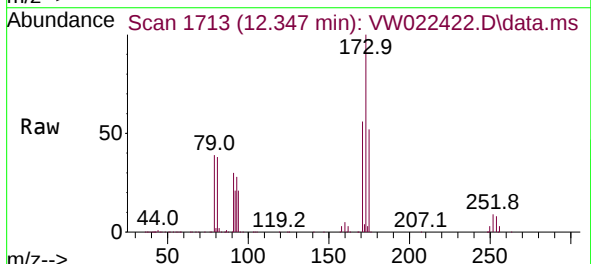
Tgt Ion:173 Resp: 147228

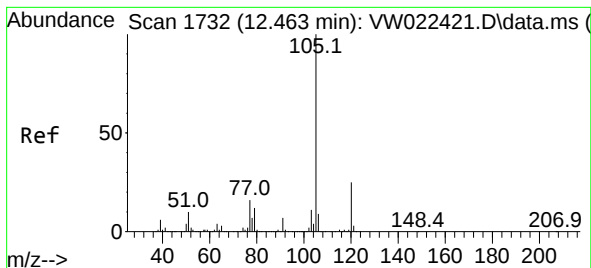
Ion Ratio Lower Upper

173 100

175 51.0 39.2 58.8

254 7.9 6.6 9.8





#60

Isopropylbenzene

Concen: 52.260 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

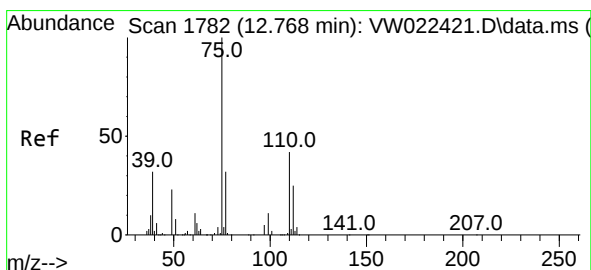
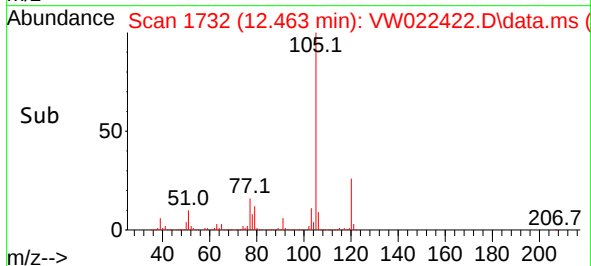
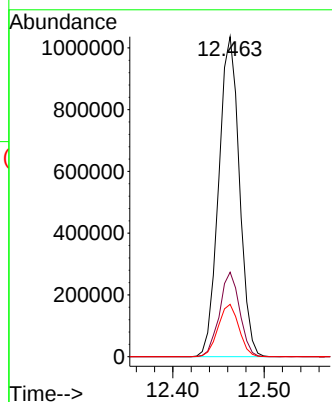
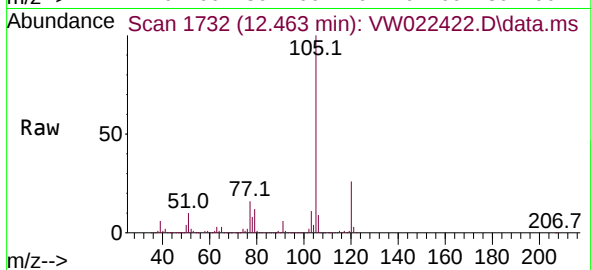
Tgt Ion:105 Resp: 1632323

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 16.4 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 50.628 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

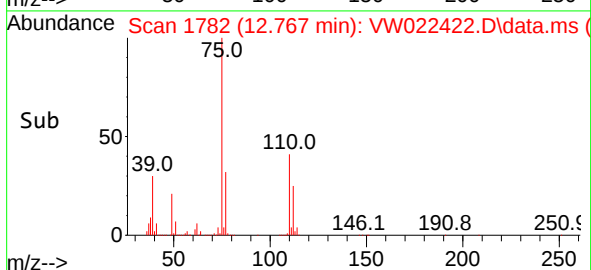
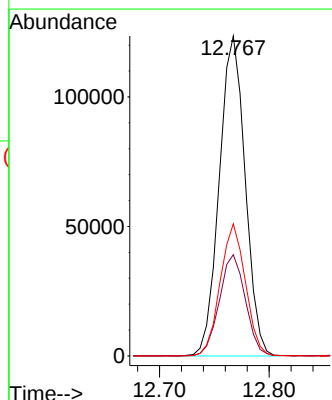
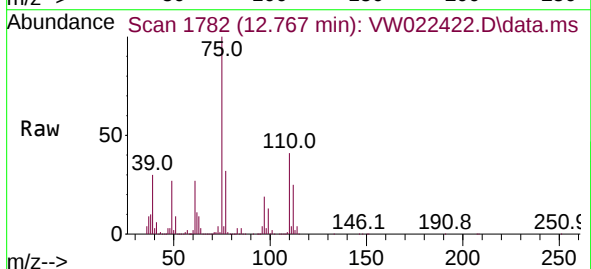
Tgt Ion: 75 Resp: 202504

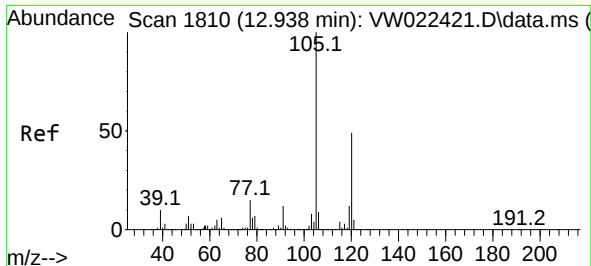
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 40.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 51.763 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

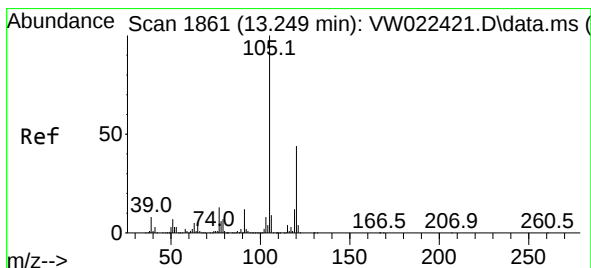
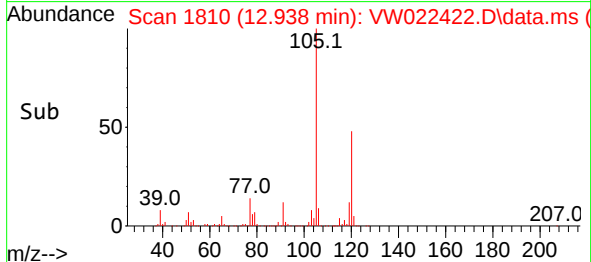
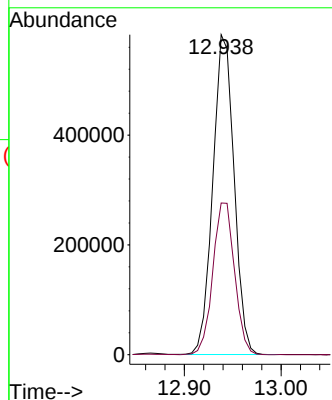
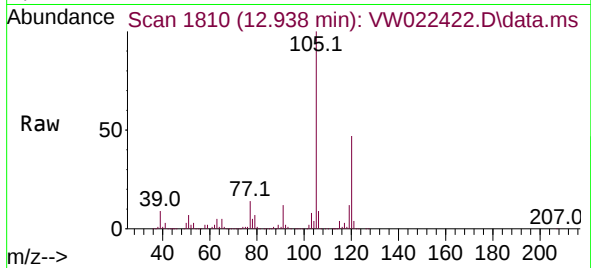
ClientSampleId :

Tgt Ion:105 Resp: 889167

Ion Ratio Lower Upper

105 100

120 48.5 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 51.991 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022422.D

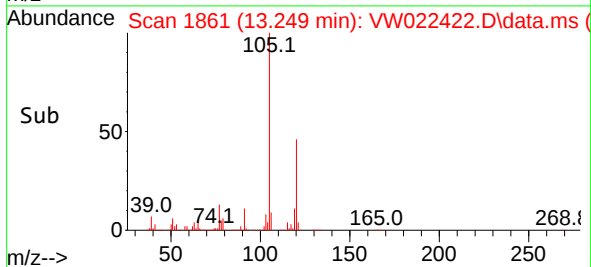
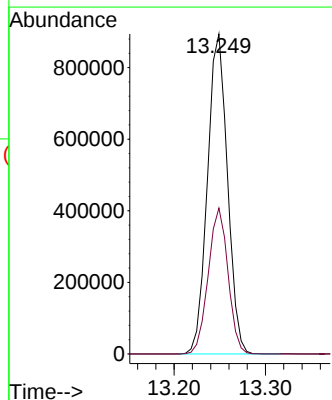
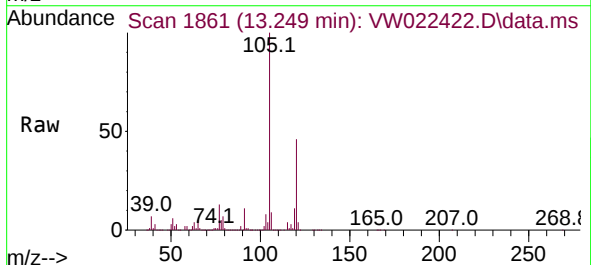
Acq: 07 Apr 2022 09:57

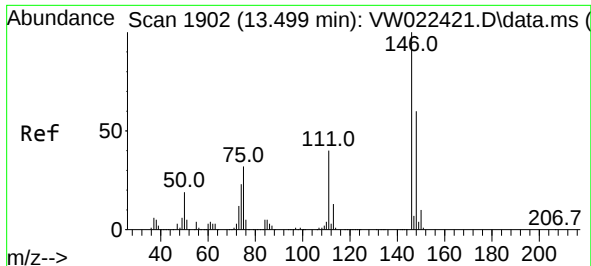
Tgt Ion:105 Resp: 1358092

Ion Ratio Lower Upper

105 100

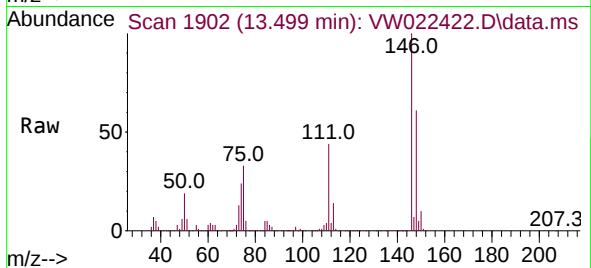
120 45.0 34.2 51.2



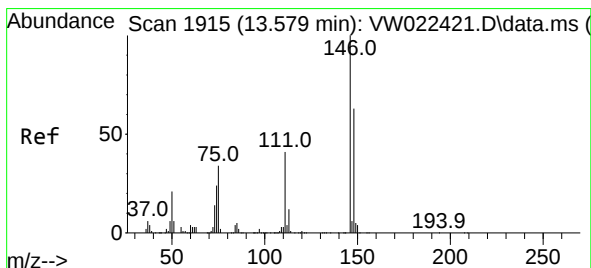
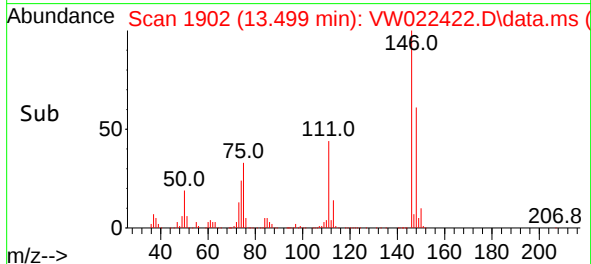
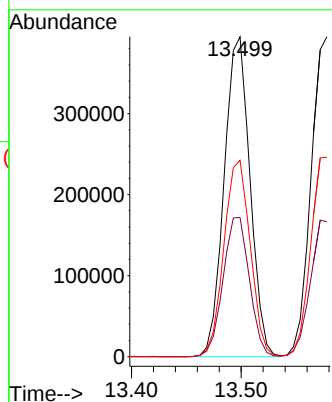


#64
1,3-Dichlorobenzene
Concen: 50.971 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Instrument :
MSVOA_W
ClientSampleId :

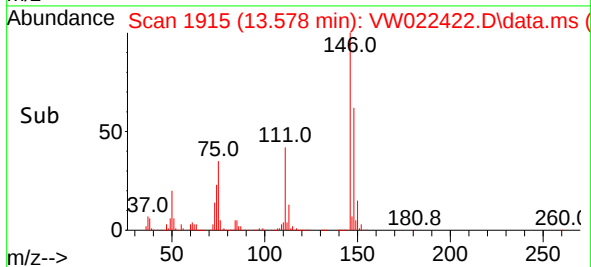
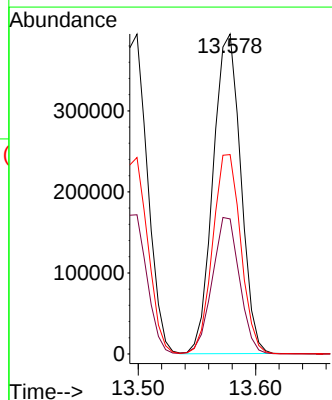
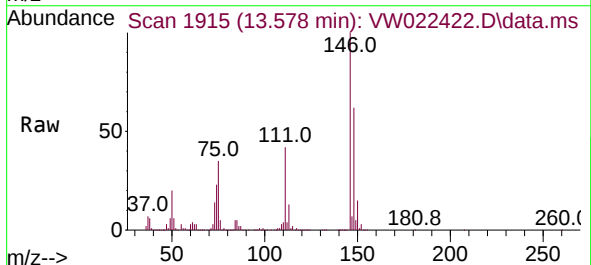


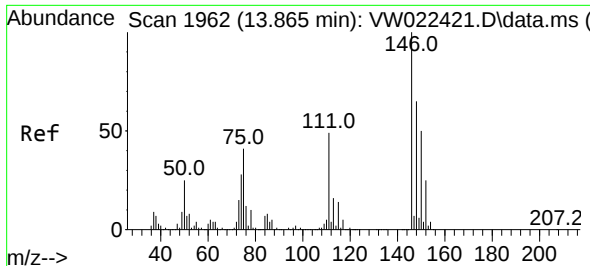
Tgt Ion:146 Resp: 646136
Ion Ratio Lower Upper
146 100
111 43.5 28.2 52.4
148 61.4 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 51.137 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022422.D
Acq: 07 Apr 2022 09:57

Tgt Ion:146 Resp: 646488
Ion Ratio Lower Upper
146 100
111 42.2 28.5 52.9
148 62.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.377 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

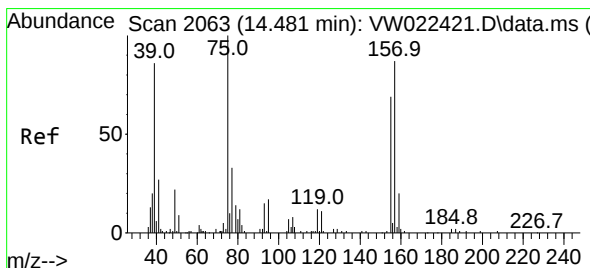
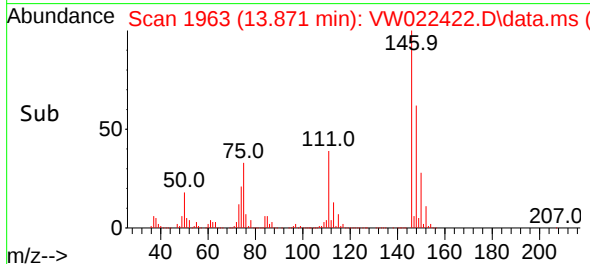
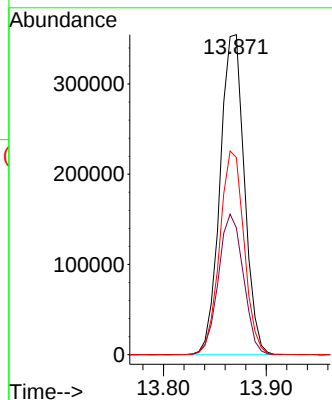
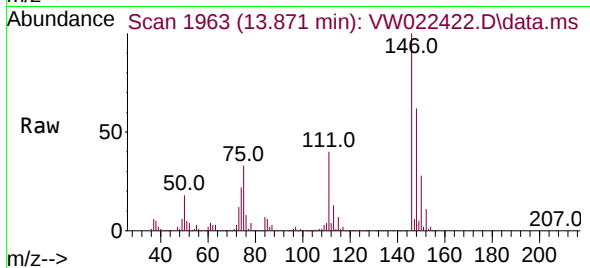
Tgt Ion:146 Resp: 582459

Ion Ratio Lower Upper

146 100

111 39.7 39.0 58.4

148 61.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 50.137 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

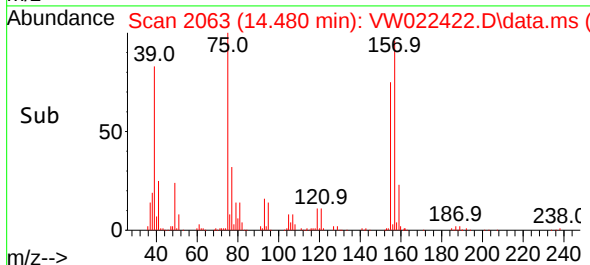
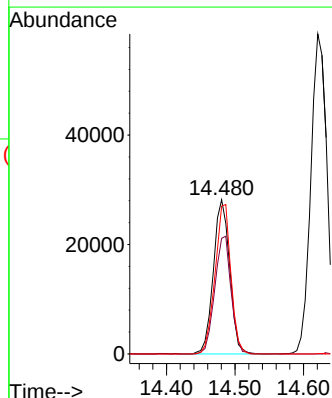
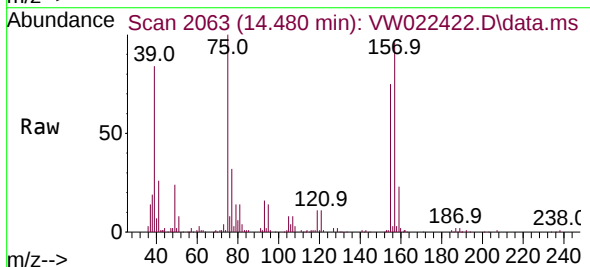
Tgt Ion: 75 Resp: 46510

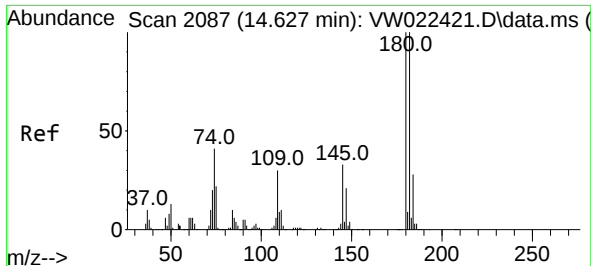
Ion Ratio Lower Upper

75 100

155 75.0 55.6 83.4

157 95.8 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 51.190 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

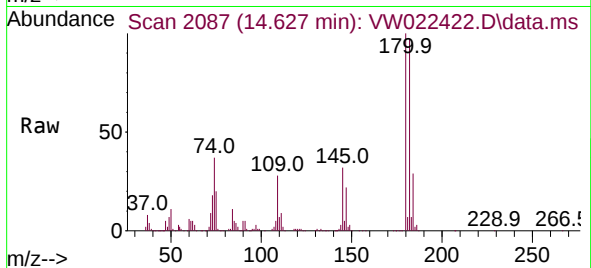
Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 423393

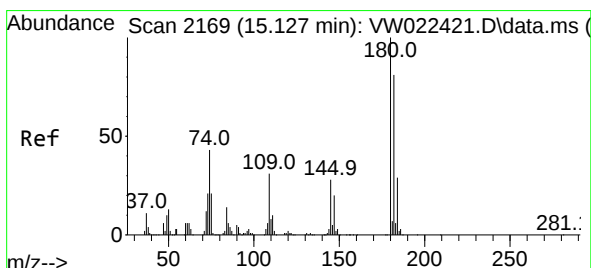
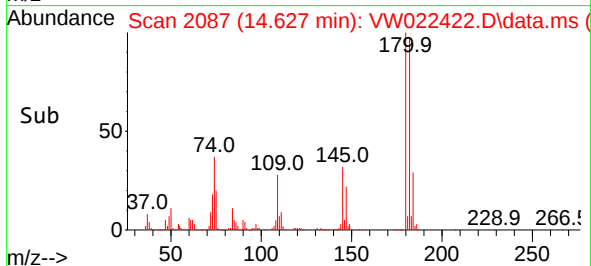
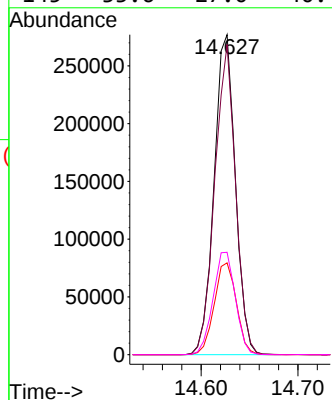
Ion Ratio Lower Upper

180 100

182 94.8 79.1 118.7

184 30.0 24.5 36.7

145 33.6 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 51.309 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

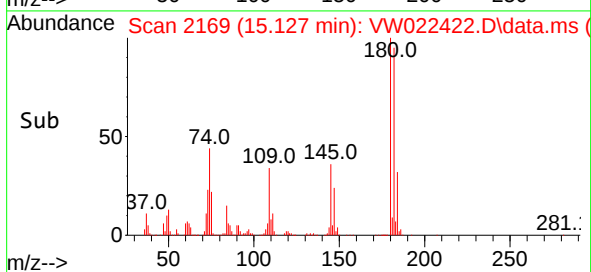
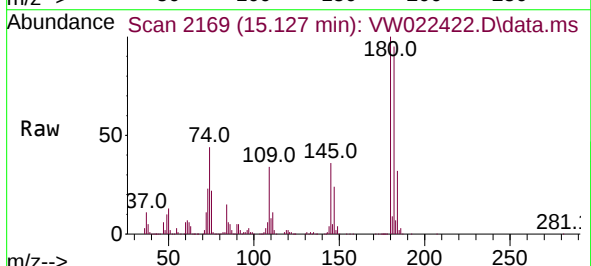
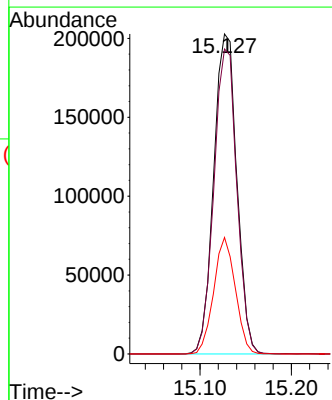
Tgt Ion:180 Resp: 356403

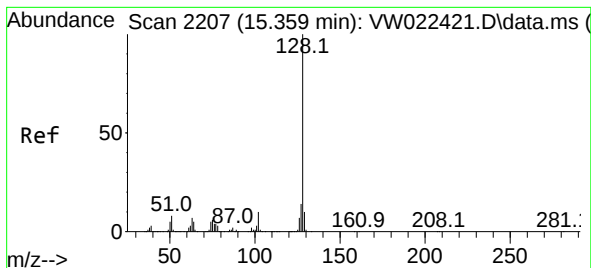
Ion Ratio Lower Upper

180 100

182 94.6 72.8 109.2

145 34.0 25.5 38.3





#71

Naphthalene

Concen: 52.143 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

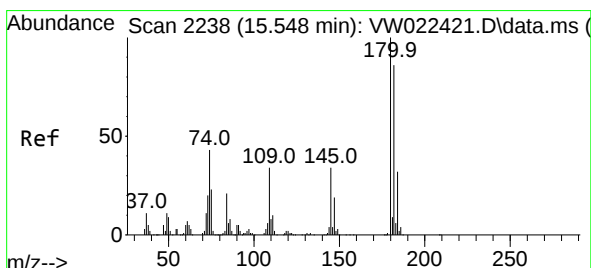
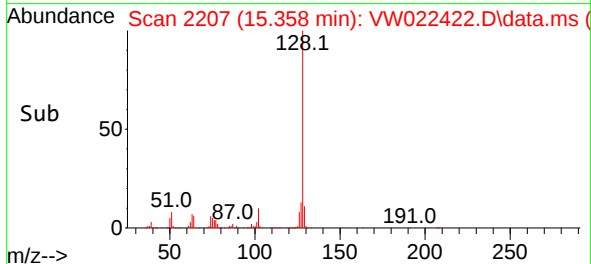
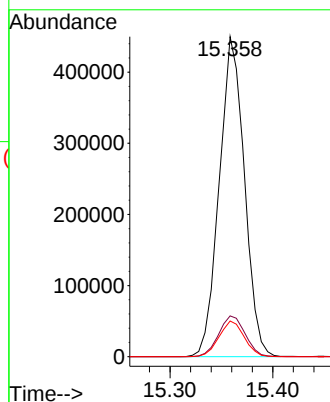
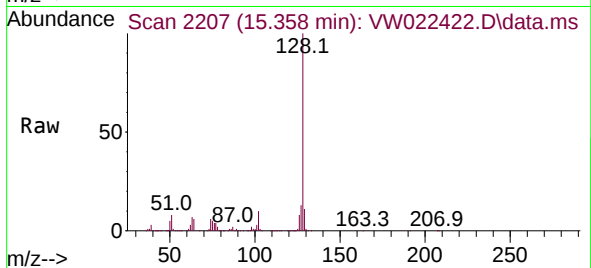
Tgt Ion:128 Resp: 763940

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 52.290 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022422.D

Acq: 07 Apr 2022 09:57

Tgt Ion:180 Resp: 310468

Ion Ratio Lower Upper

180 100

182 92.8 73.4 110.0

145 35.9 27.0 40.6

