

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022420.D
 Acq On : 07 Apr 2022 09:09
 Operator : SY/VA
 Sample : VSTD00576
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:55:11 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	314212	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295843	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157658	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	32854	4.730	ug/L	0.00
7) Chloroethane-d5	2.885	69	19877	4.566	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	42883	4.760	ug/L	0.00
21) 2-Butanone-d5	7.080	46	8736	7.099	ug/L	0.00
24) Chloroform-d	7.647	84	42480	4.325	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	23018	4.102	ug/L	0.00
32) Benzene-d6	8.274	84	77057	4.263	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	22810	4.361	ug/L	0.00
41) Toluene-d8	10.323	98	74579	4.213	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9076	3.677	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	6966	7.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17278	3.885	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	22472	4.024	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	5631	3.766	ug/L	97
3) Chloromethane	2.221	50	17740	4.619	ug/L	95
5) Vinyl chloride	2.361	62	40587	5.065	ug/L	98
6) Bromomethane	2.775	94	24287	4.986	ug/L	97
8) Chloroethane	2.922	64	17331	4.939	ug/L	99
9) Trichlorofluoromethane	3.257	101	14605	4.937	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	23342	5.068	ug/L	98
12) 1,1-Dichloroethene	4.050	96	21223	5.016	ug/L	84
13) Acetone	4.129	43	7186	9.041	ug/L	96
14) Carbon disulfide	4.391	76	67173	4.826	ug/L	99
16) Methylene chloride	4.921	84	23963	5.068	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	16204	3.274	ug/L	84
18) Methyl tert-butyl Ether	5.427	73	39230	4.847	ug/L	# 88
19) 1,1-Dichloroethane	6.220	63	45108	4.988	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	25817	4.919	ug/L	# 100
22) 2-Butanone	7.177	43	11365	9.113	ug/L	94
23) Bromochloromethane	7.512	128	10620	4.714	ug/L	89
25) Chloroform	7.683	83	45766	4.805	ug/L	99
27) 1,2-Dichloroethane	8.403	62	31812	4.752	ug/L	97
29) Cyclohexane	7.957	56	43023	5.081	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	41264	5.028	ug/L	99
31) Carbon tetrachloride	8.067	117	36374	4.938	ug/L	99
33) Benzene	8.323	78	102347	5.095	ug/L	100
34) Trichloroethene	9.091	95	27227	5.063	ug/L	95
35) Methylcyclohexane	9.335	83	49146	5.093	ug/L	99
37) 1,2-Dichloropropane	9.366	63	24535	5.099	ug/L	100
38) Bromodichloromethane	9.646	83	33780	4.882	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	34787	4.556	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	25921	8.827	ug/L	98
42) Toluene	10.390	91	111813	4.858	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	28921	4.230	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	17579	4.787	ug/L	96

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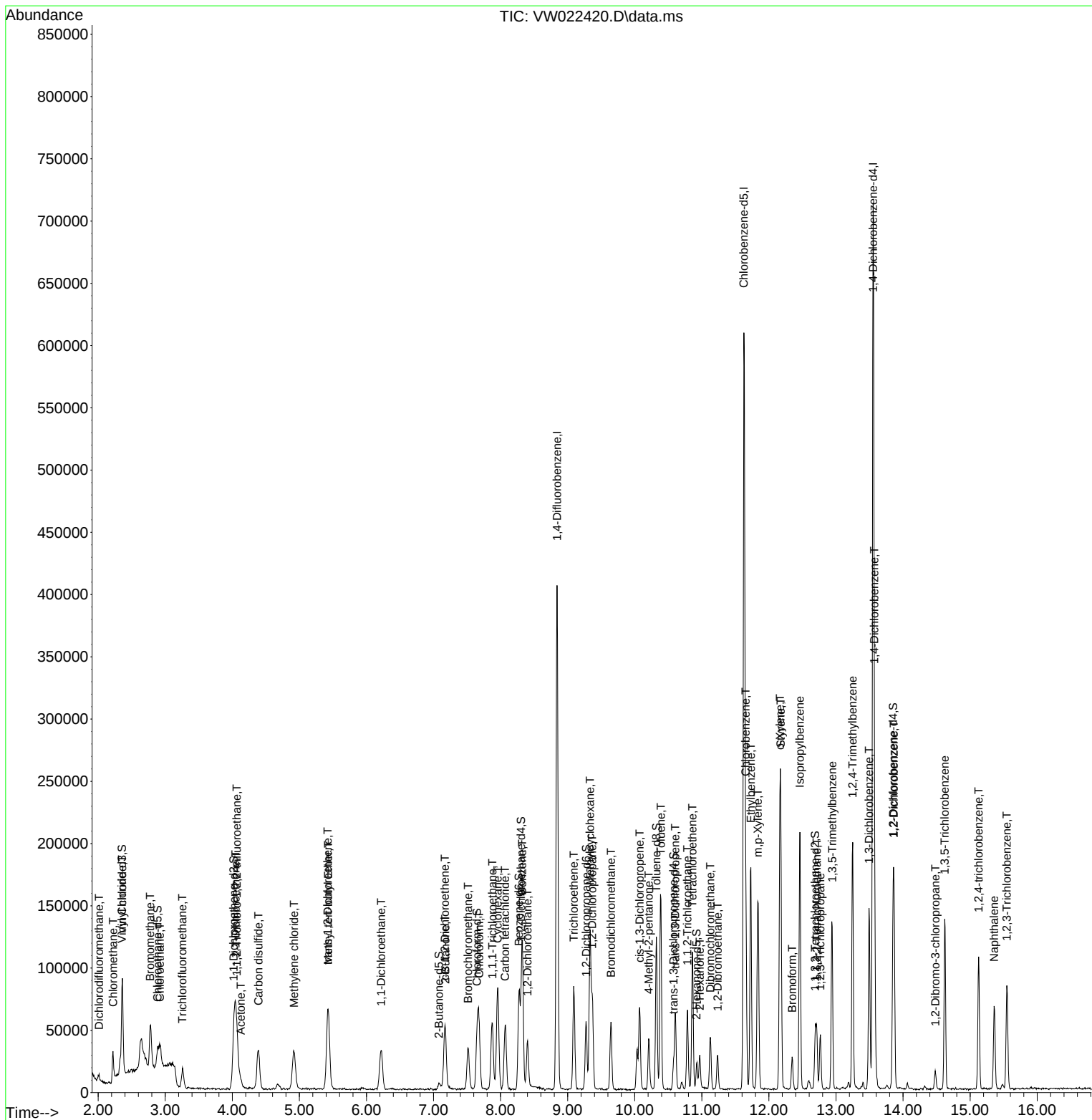
Instrument :
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 ClientSampleId :

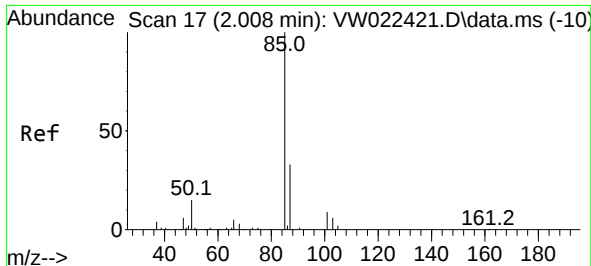
Quant Time: Apr 08 05:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 05:54:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	19412	4.910	ug/L	96
48) 2-Hexanone	10.969	43	17757	8.560	ug/L	99
49) Dibromochloromethane	11.128	129	19900	4.544	ug/L	97
50) 1,2-Dibromoethane	11.237	107	16965	4.678	ug/L	86
51) Chlorobenzene	11.652	112	68091	4.841	ug/L	98
52) Ethylbenzene	11.731	91	122446	4.747	ug/L	95
53) m,p-Xylene	11.835	106	46541	4.745	ug/L	97
54) o-Xylene	12.164	106	42920	4.579	ug/L	85
55) Styrene	12.176	104	71342	4.452	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	20296	4.503	ug/L	99
59) Bromoform	12.347	173	9929	4.238	ug/L	99
60) Isopropylbenzene	12.463	105	123497	4.716	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	15633	4.661	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	67942	4.717	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	102612	4.685	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	50757	4.775	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	50903	4.802	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	46430	4.884	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	3454	4.441	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	33244	4.794	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	28263	4.853	ug/L	98
71) Naphthalene	15.359	128	54209	4.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22623	4.544	ug/L	98

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

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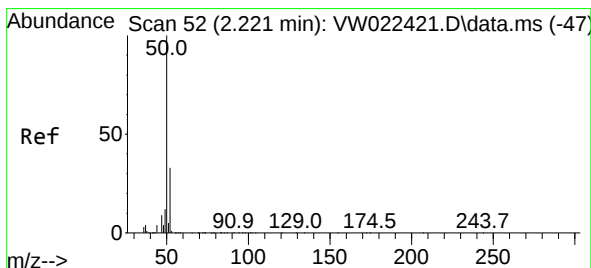
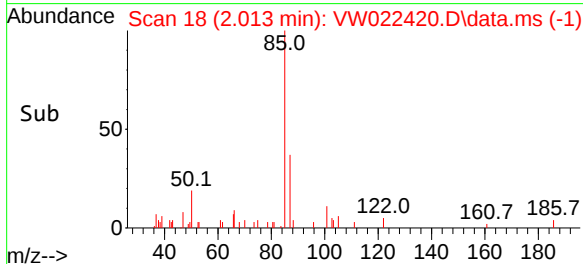
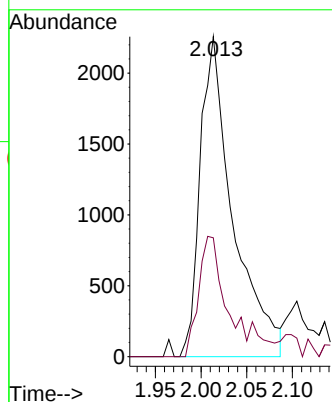
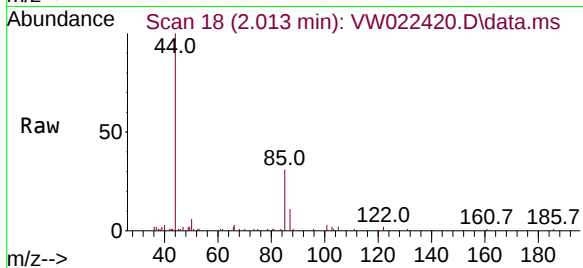




#2
 Dichlorodifluoromethane
 Concen: 3.766 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

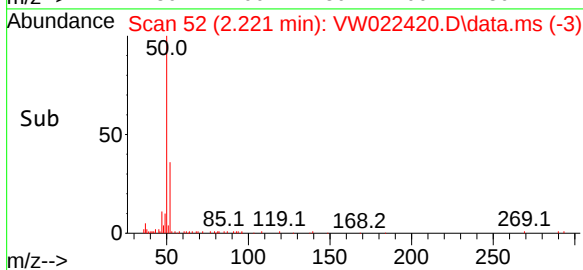
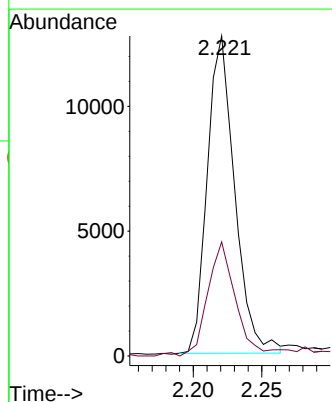
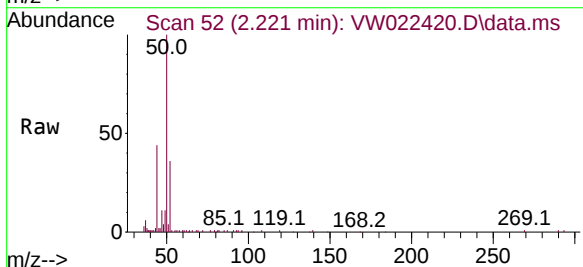
Instrument :
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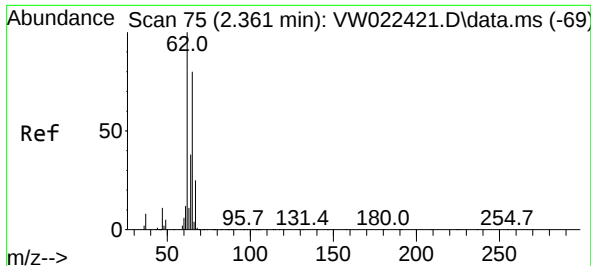
Tgt Ion: 85 Resp: 5631
 Ion Ratio Lower Upper
 85 100
 87 27.7 23.7 35.5



#3
 Chloromethane
 Concen: 4.619 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

Tgt Ion: 50 Resp: 17740
 Ion Ratio Lower Upper
 50 100
 52 35.6 23.0 42.6

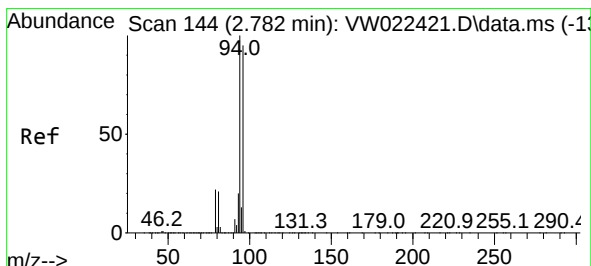
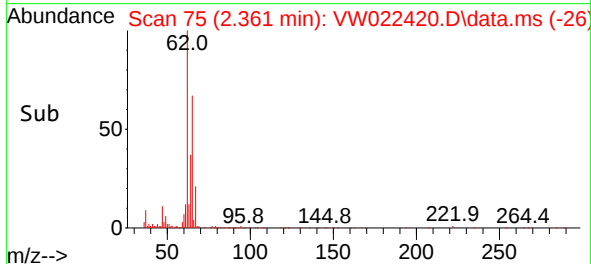
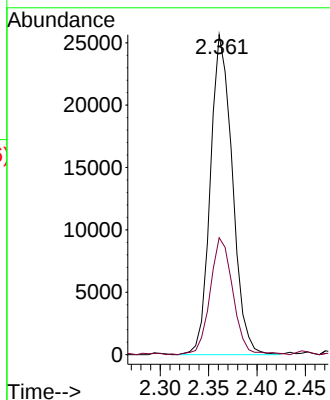
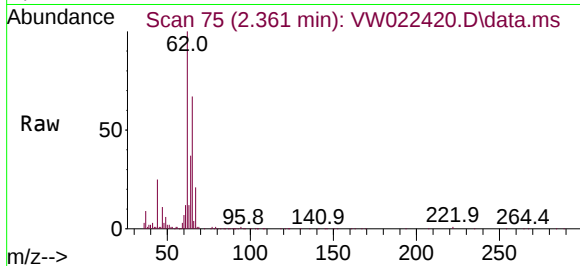




#5
 Vinyl chloride
 Concen: 5.065 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

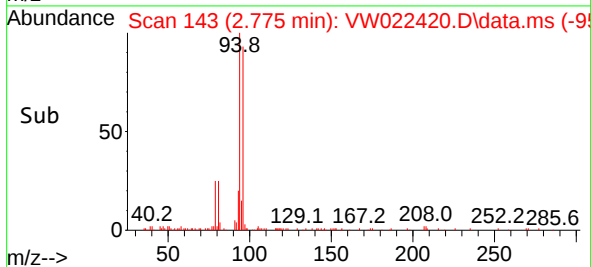
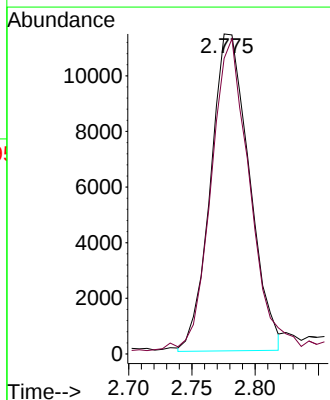
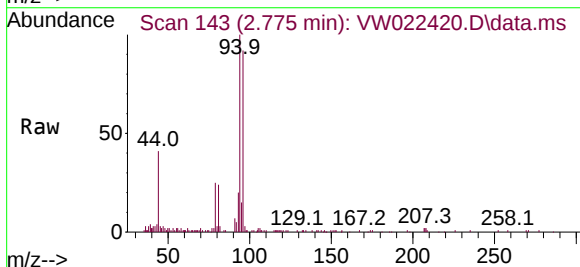
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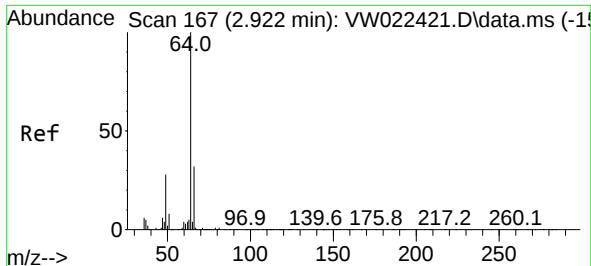
Tgt Ion: 62 Resp: 40587
 Ion Ratio Lower Upper
 62 100
 64 36.5 26.5 49.3



#6
 Bromomethane
 Concen: 4.986 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

Tgt Ion: 94 Resp: 24287
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.6 123.6

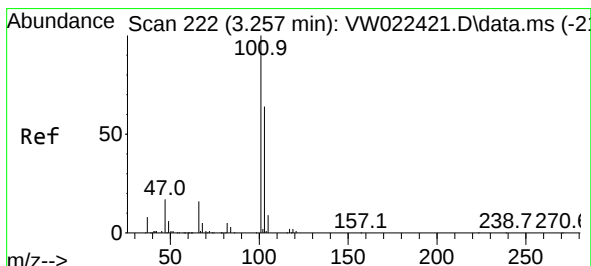
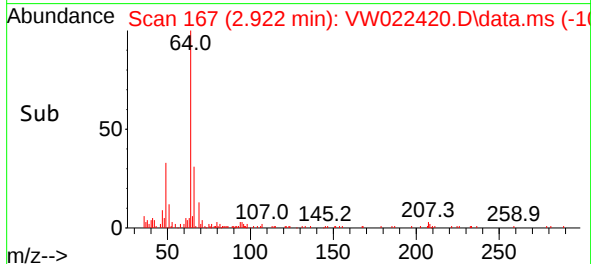
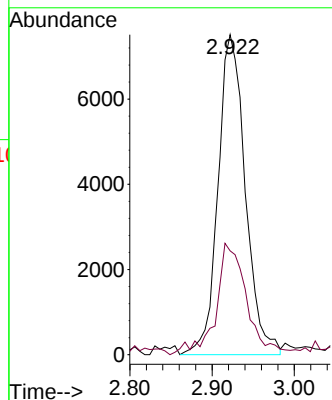
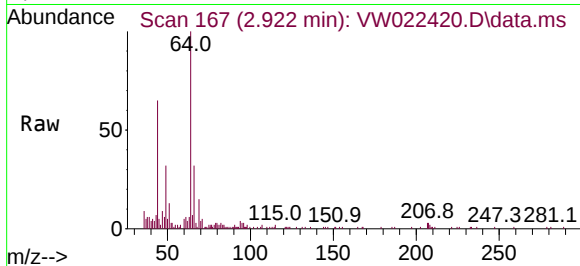




#8
Chloroethane
Concen: 4.939 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

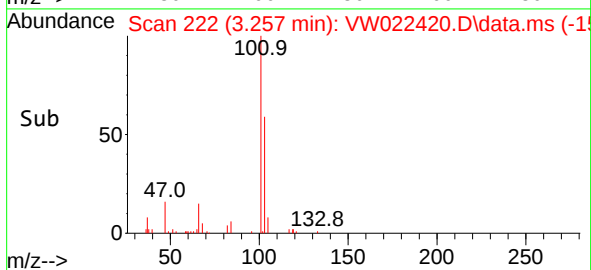
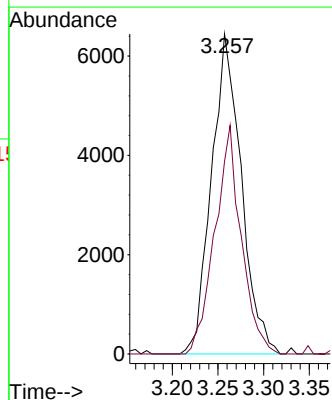
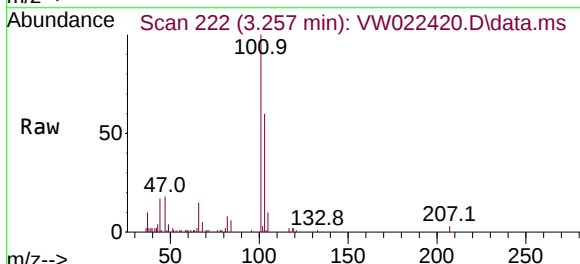
Instrument :
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ClientSampleId :

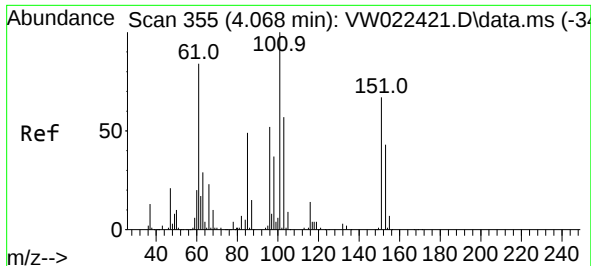
Tgt Ion: 64 Resp: 17331
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.937 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 101 Resp: 14605
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0

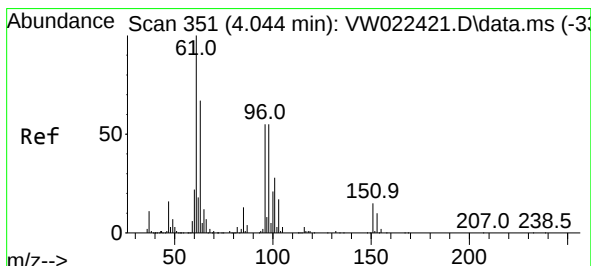
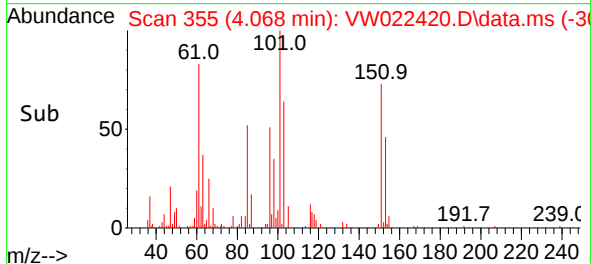
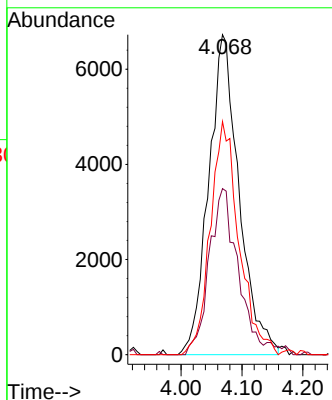
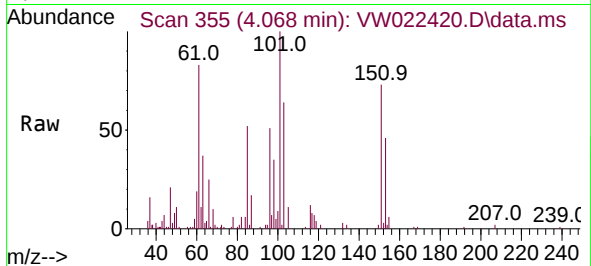




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.068 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

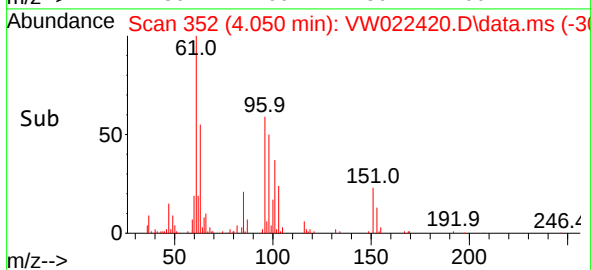
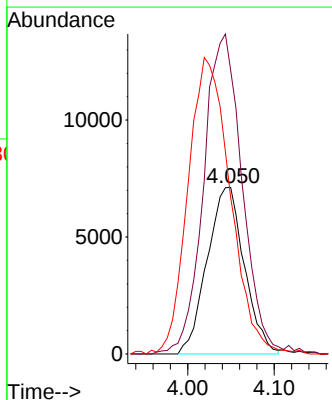
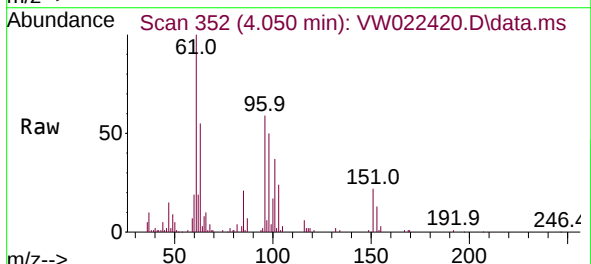
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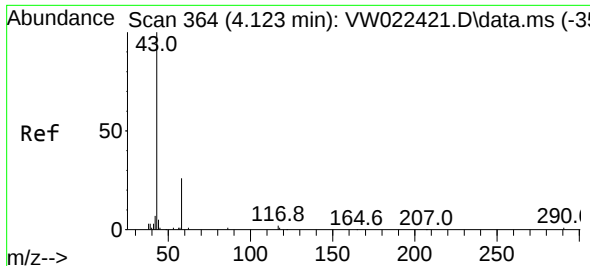
Tgt Ion:101 Resp: 23342
 Ion Ratio Lower Upper
 101 100
 85 48.6 39.2 58.8
 151 67.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 5.016 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

Tgt Ion: 96 Resp: 21223
 Ion Ratio Lower Upper
 96 100
 61 170.2 128.0 237.6
 63 93.8 86.6 160.8

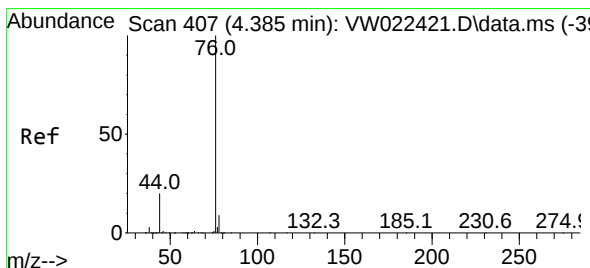
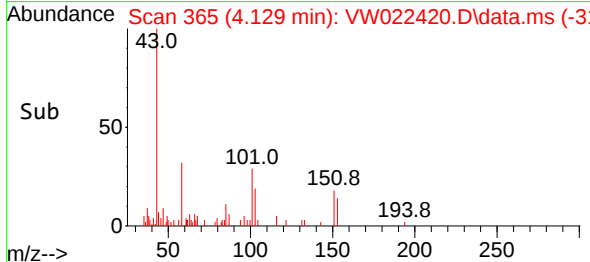
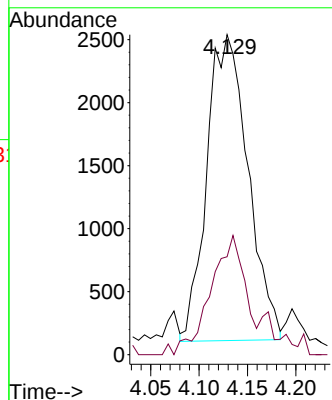
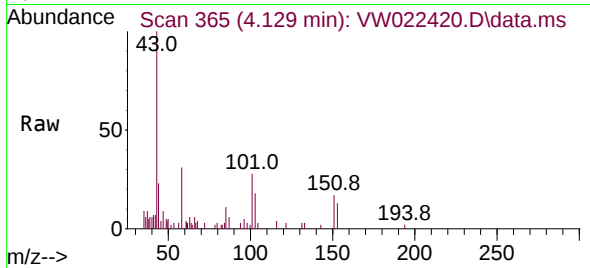




#13
Acetone
Concen: 9.041 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

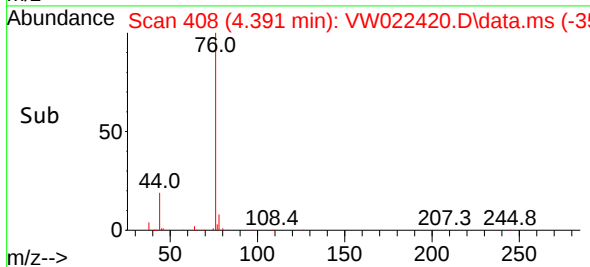
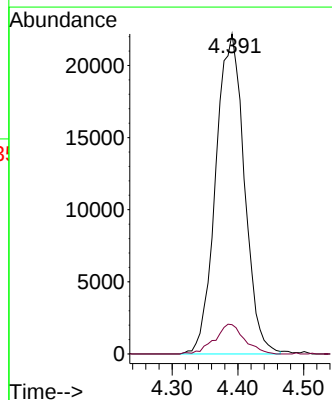
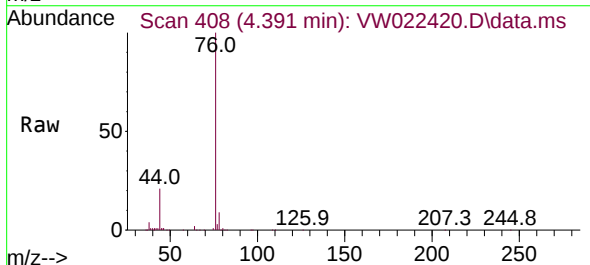
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ClientSampleId :

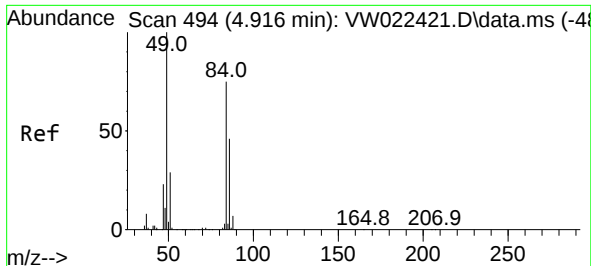
Tgt Ion: 43 Resp: 7186
Ion Ratio Lower Upper
43 100
58 30.8 0.0 57.0



#14
Carbon disulfide
Concen: 4.826 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 76 Resp: 67173
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

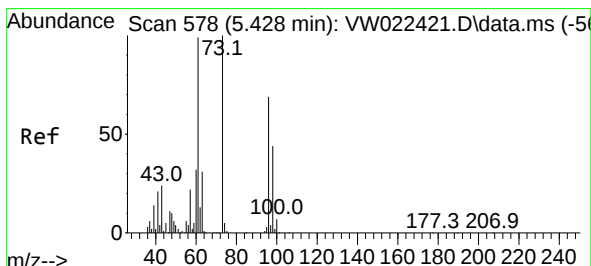
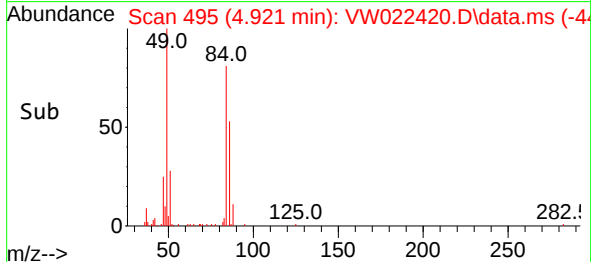
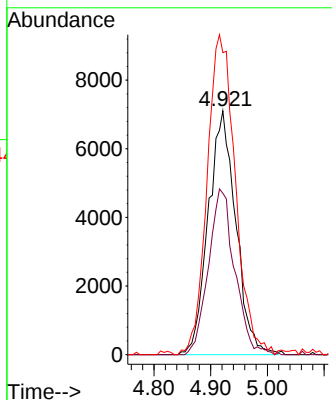
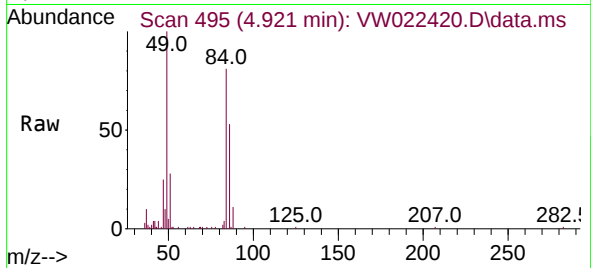




#16
Methylene chloride
Concen: 5.068 ug/L
RT: 4.921 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

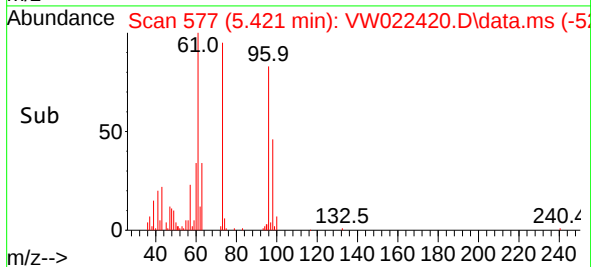
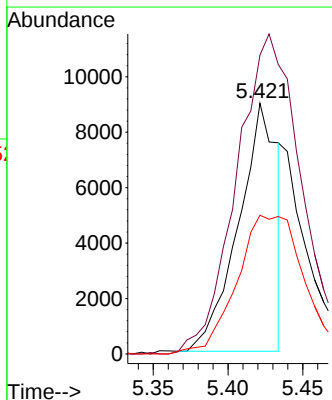
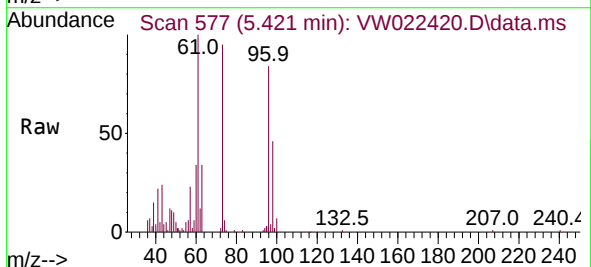
Instrument :
MSVOA_W
ClientSampleId :

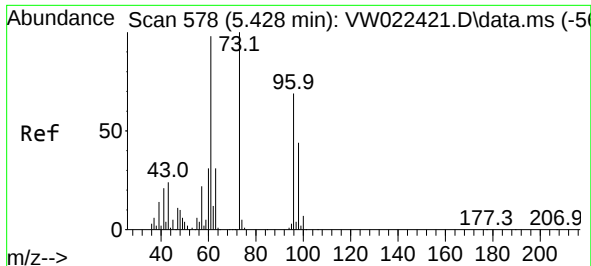
Tgt Ion: 84 Resp: 23963
Ion Ratio Lower Upper
84 100
86 66.2 42.8 79.4
49 123.9 94.2 175.0



#17
trans-1,2-Dichloroethene
Concen: 3.274 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 96 Resp: 16204
Ion Ratio Lower Upper
96 100
61 119.2 99.8 185.4
98 55.4 44.6 82.8

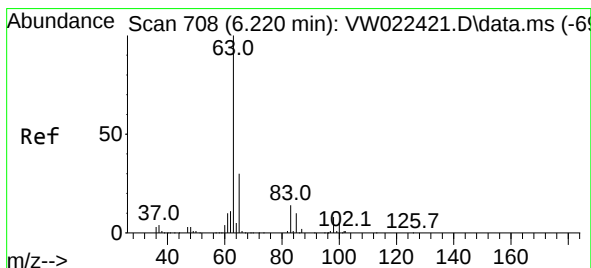
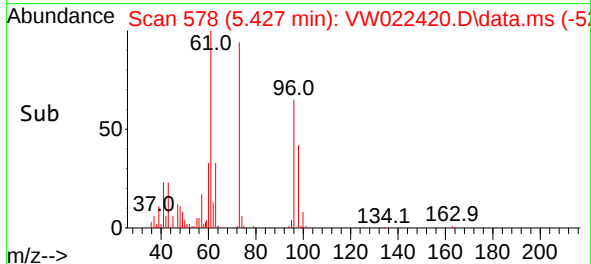
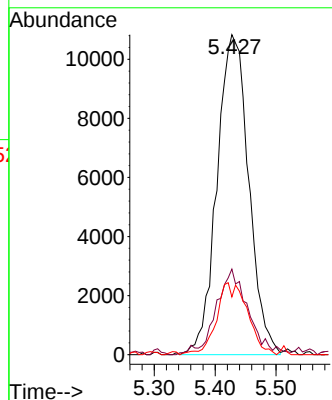
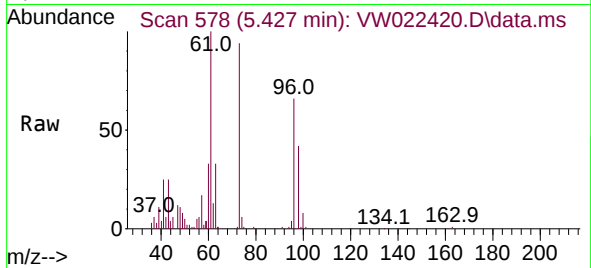




#18
Methyl tert-butyl Ether
Concen: 4.847 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

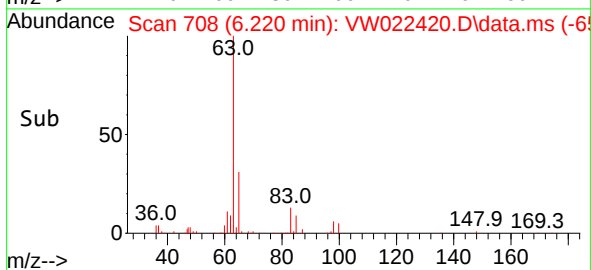
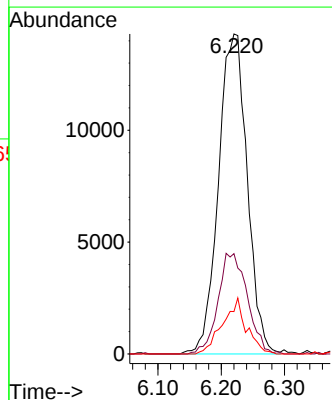
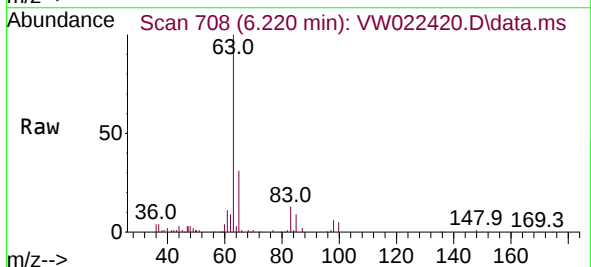
Instrument :
MSVOA_W
ClientSampleId :

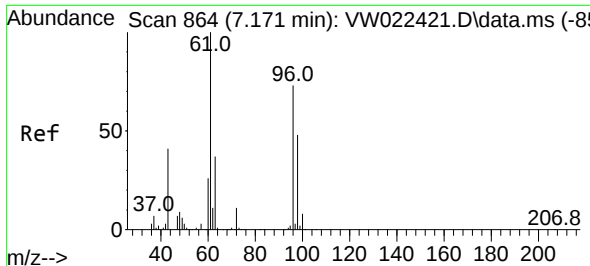
Tgt Ion: 73 Resp: 39230
Ion Ratio Lower Upper
73 100
43 23.5 18.8 28.2
57 10.1 17.5 26.3#



#19
1,1-Dichloroethane
Concen: 4.988 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 63 Resp: 45108
Ion Ratio Lower Upper
63 100
65 31.4 21.1 39.3
83 13.3 10.1 18.9

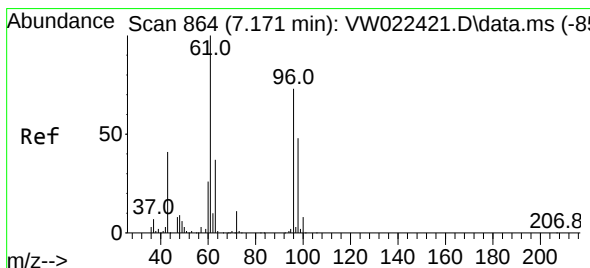
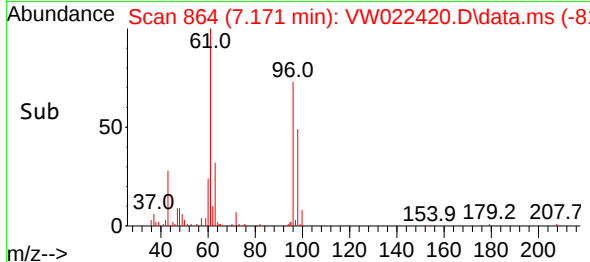
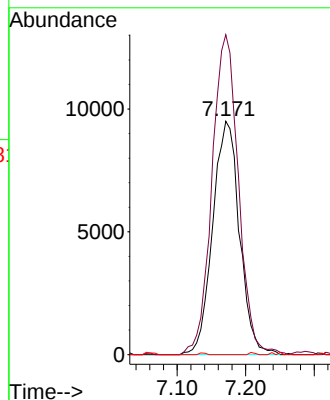
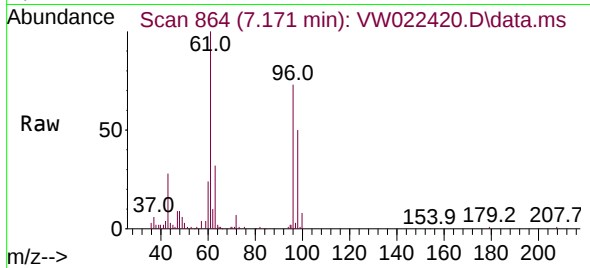




#20
 cis-1,2-Dichloroethene
 Concen: 4.919 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

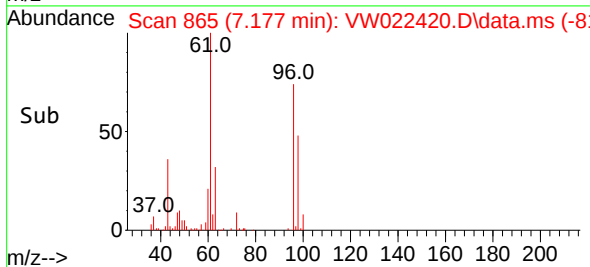
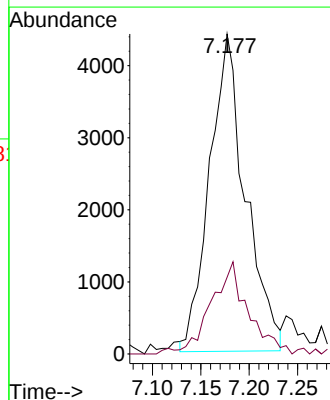
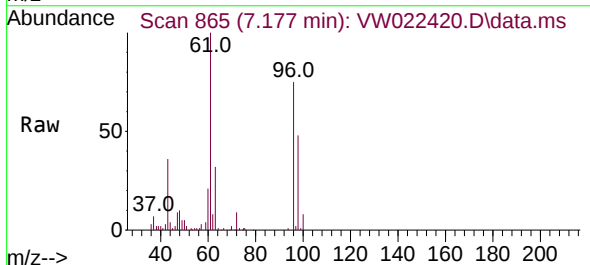
Instrument :
 MSVOA_W
 ClientSampleId :

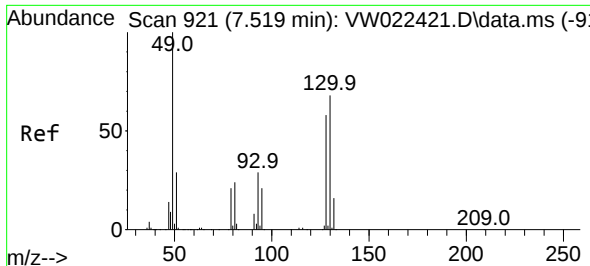
Tgt Ion: 96 Resp: 25817
 Ion Ratio Lower Upper
 96 100
 61 137.1 96.4 179.0
 68 0.0 0.1 0.3#



#22
 2-Butanone
 Concen: 9.113 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

Tgt Ion: 43 Resp: 11365
 Ion Ratio Lower Upper
 43 100
 72 24.7 14.0 42.0

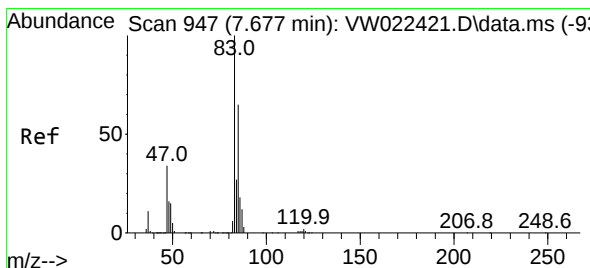
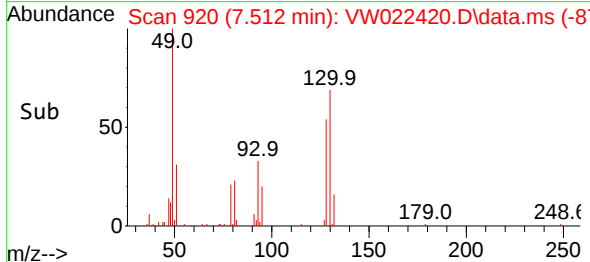
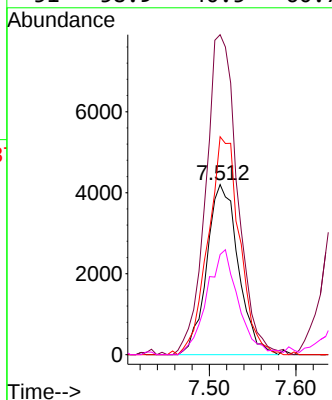
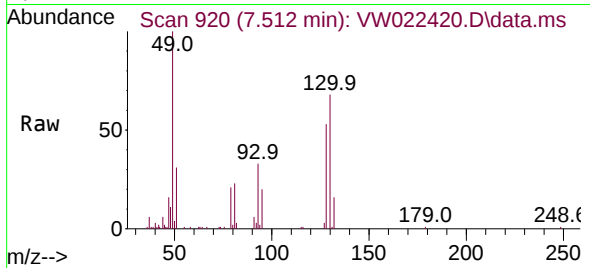




#23
Bromochloromethane
Concen: 4.714 ug/L
RT: 7.512 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

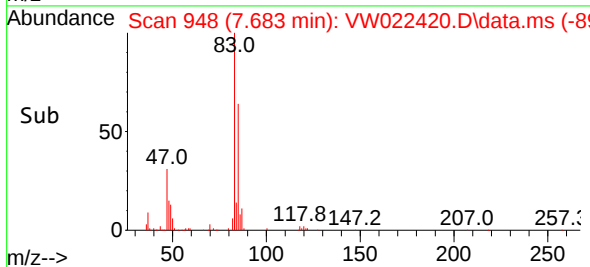
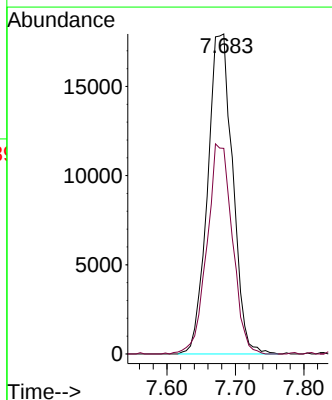
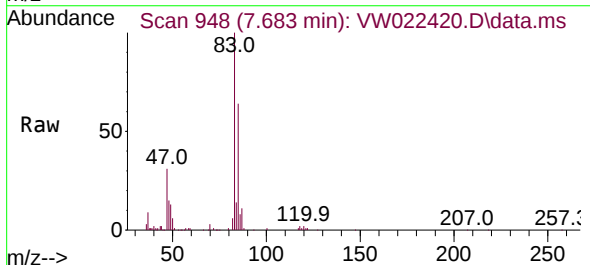
Instrument :
MSVOA_W
ClientSampleId :

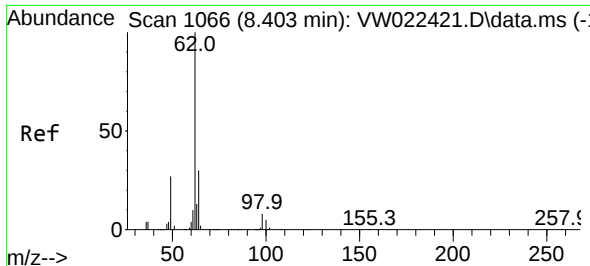
Tgt Ion:	128	Resp:	10620
Ion	Ratio	Lower	Upper
128	100		
49	188.2	120.8	224.3
130	128.2	81.8	151.8
51	58.9	40.5	60.7



#25
Chloroform
Concen: 4.805 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion:	83	Resp:	45766
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.8	85.0





#27

1,2-Dichloroethane

Concen: 4.752 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

Instrument :

MSVOA_W

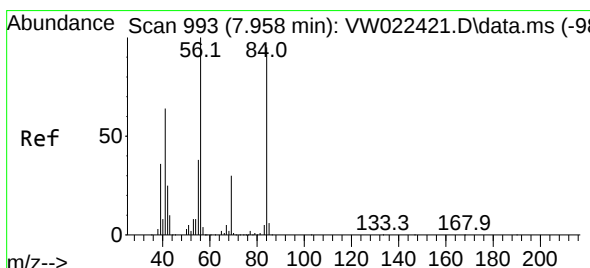
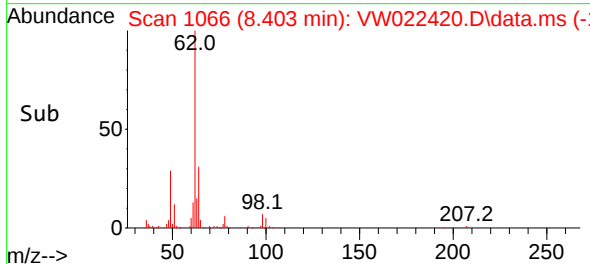
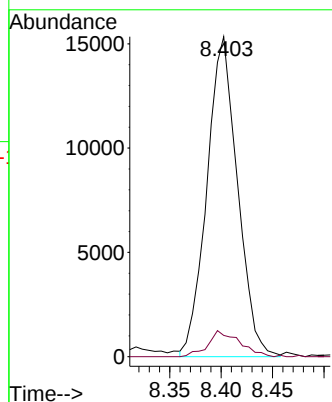
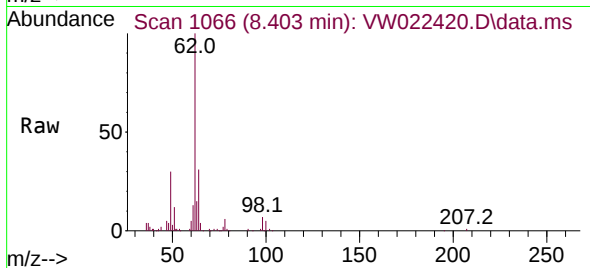
ClientSampleId :

Tgt Ion: 62 Resp: 31812

Ion Ratio Lower Upper

62 100

98 6.7 6.2 9.2



#29

Cyclohexane

Concen: 5.081 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

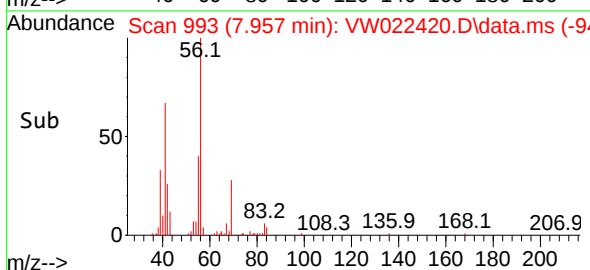
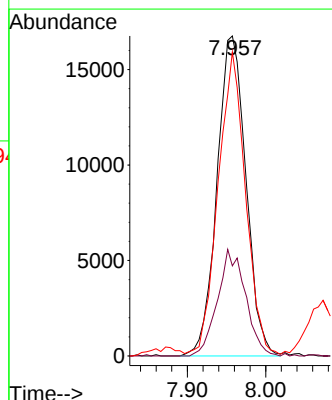
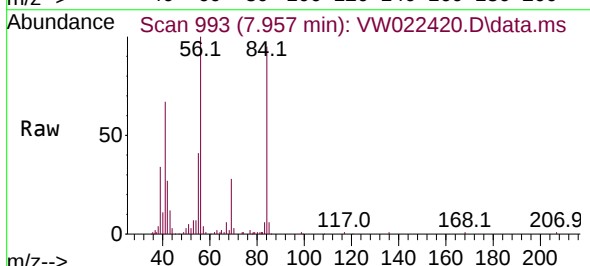
Tgt Ion: 56 Resp: 43023

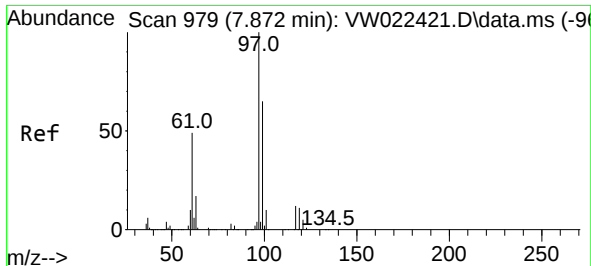
Ion Ratio Lower Upper

56 100

69 32.2 24.4 36.6

84 90.2 72.6 108.8





#30

1,1,1-Trichloroethane

Concen: 5.028 ug/L

RT: 7.878 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

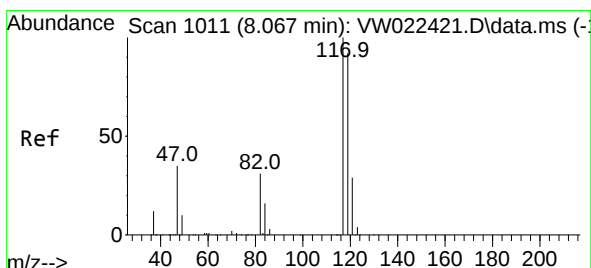
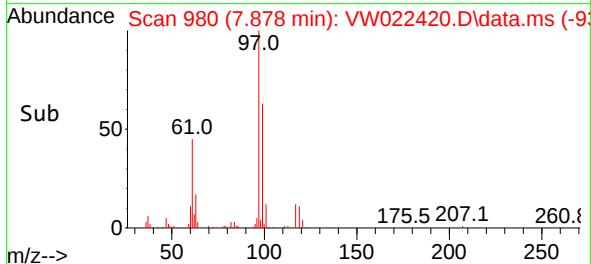
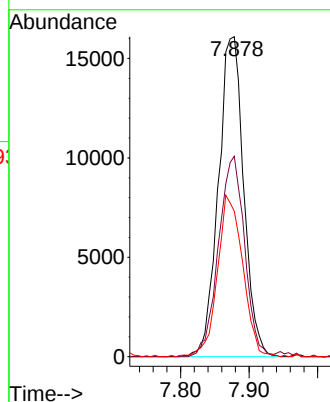
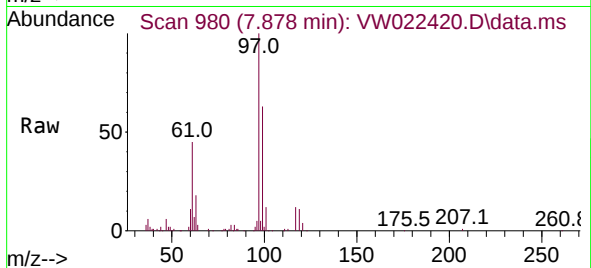
Tgt Ion: 97 Resp: 41264

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 50.2 38.7 58.1



#31

Carbon tetrachloride

Concen: 4.938 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW022420.D

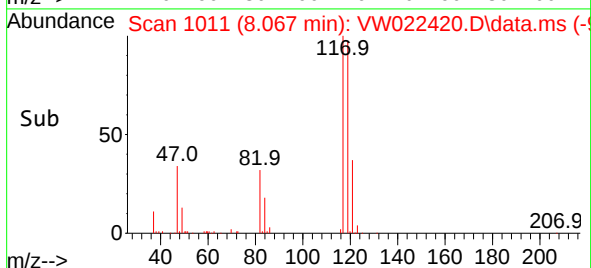
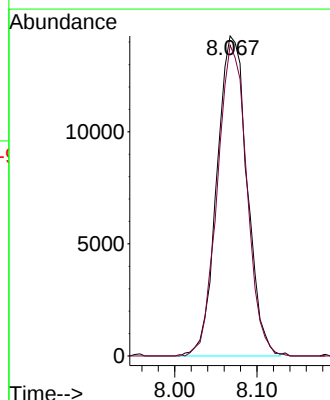
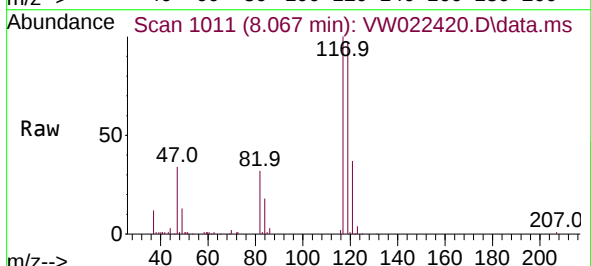
Acq: 07 Apr 2022 09:09

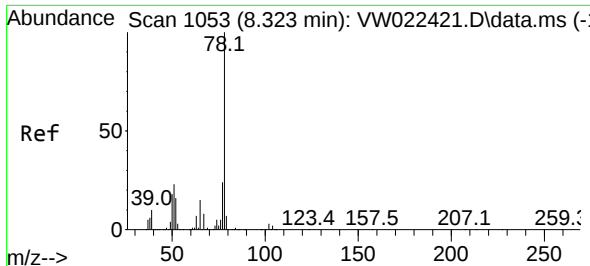
Tgt Ion: 117 Resp: 36374

Ion Ratio Lower Upper

117 100

119 94.9 75.5 113.3

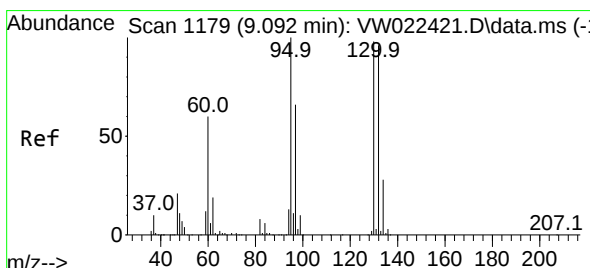
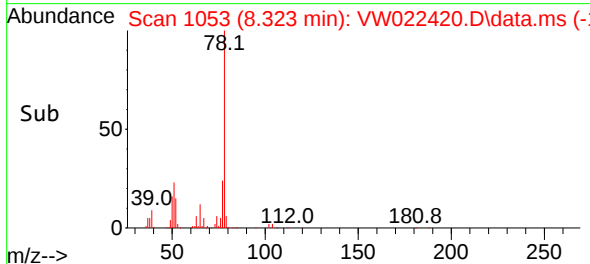
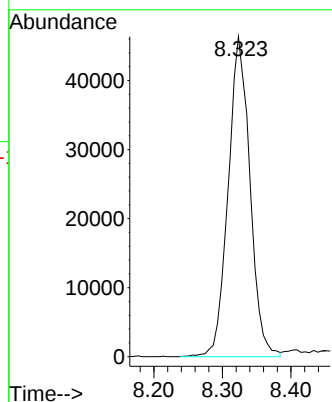
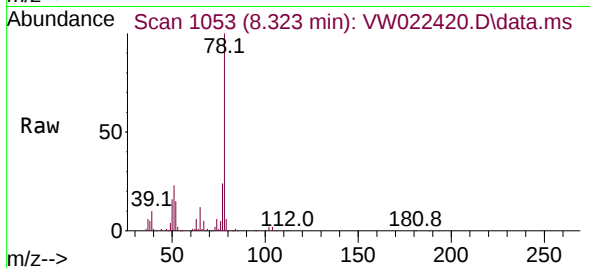




#33
Benzene
Concen: 5.095 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :

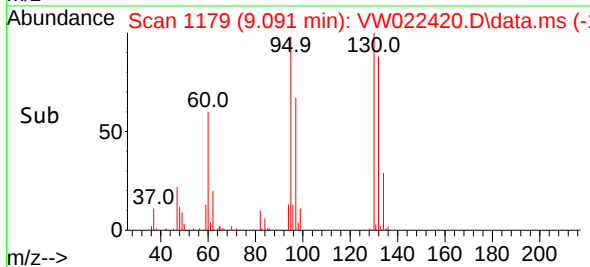
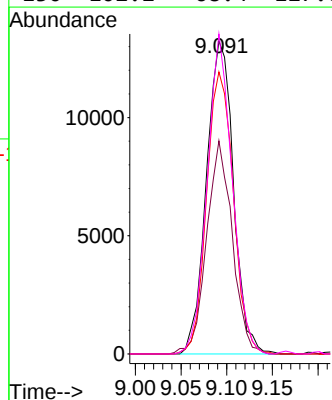
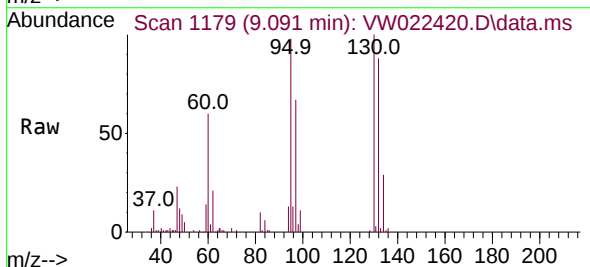
Tgt Ion: 78 Resp: 102347

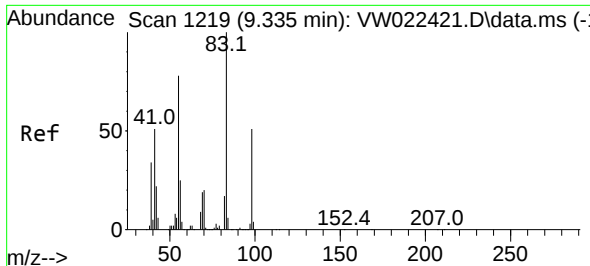


#34
Trichloroethene
Concen: 5.063 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 95 Resp: 27227

Ion	Ratio	Lower	Upper
95	100		
97	68.1	46.4	86.2
132	90.1	67.4	125.2
130	102.2	68.4	127.0

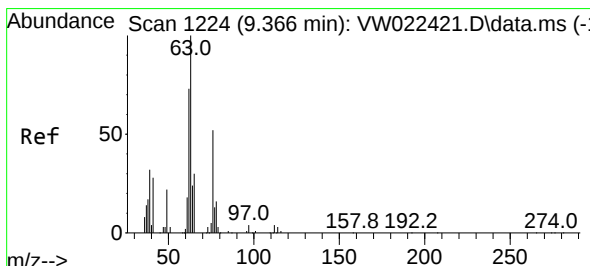
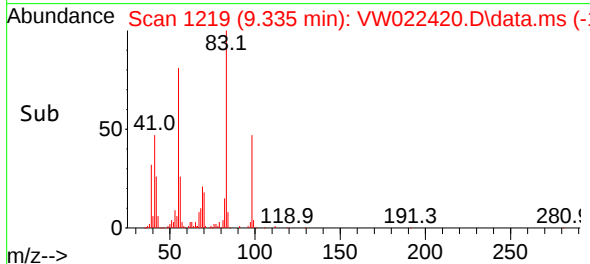
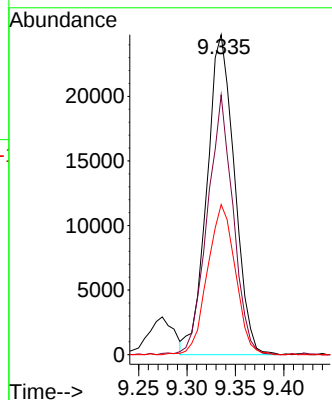
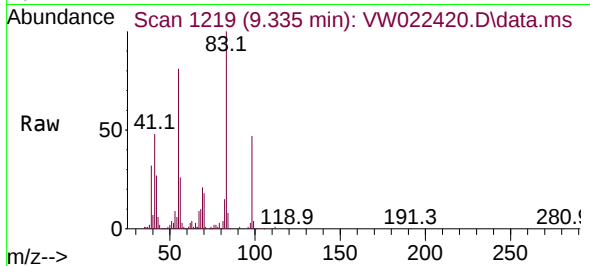




#35
Methylcyclohexane
Concen: 5.093 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

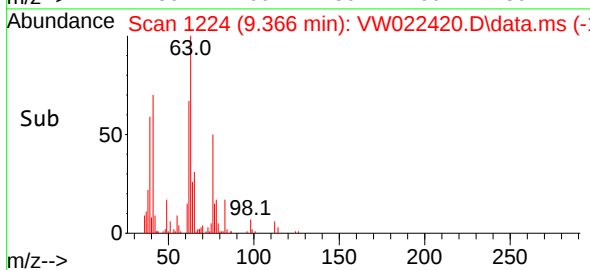
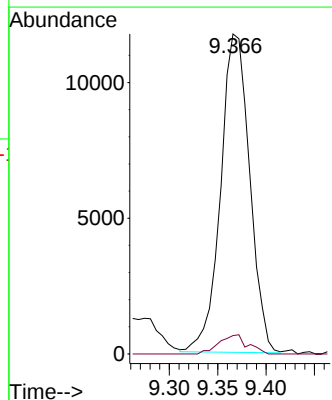
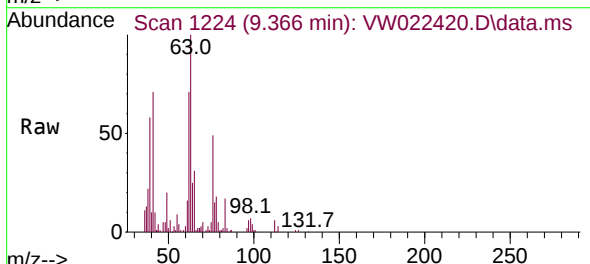
Instrument :
MSVOA_W
ClientSampleId :

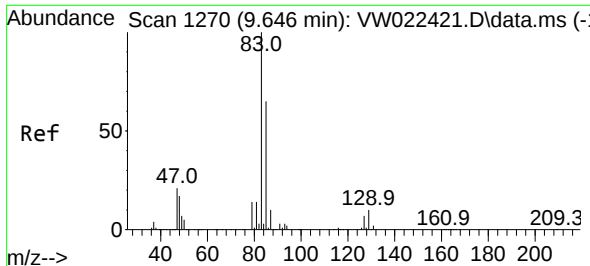
Tgt Ion: 83 Resp: 49146
Ion Ratio Lower Upper
83 100
55 75.6 61.0 91.6
98 47.2 39.2 58.8



#37
1,2-Dichloropropane
Concen: 5.099 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 63 Resp: 24535
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6

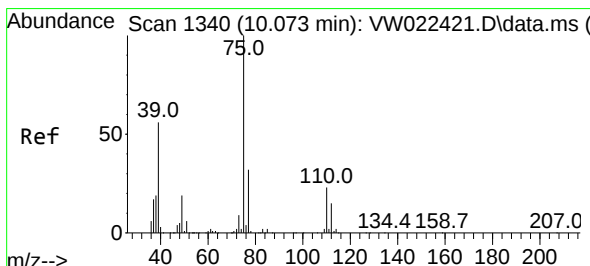
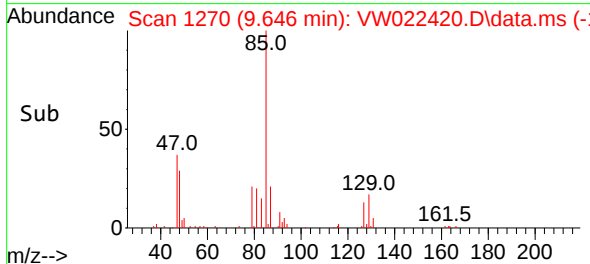
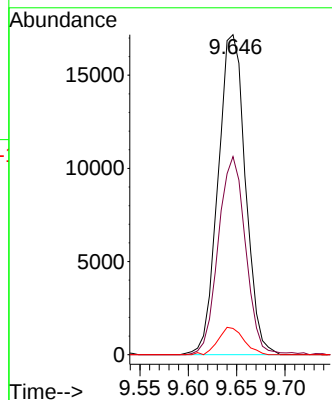
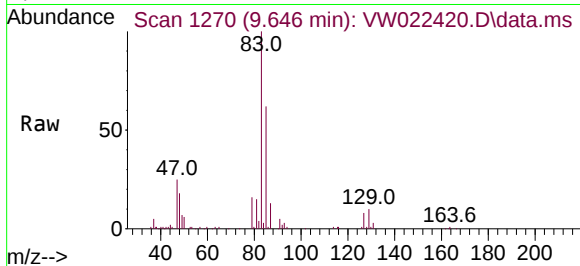




#38
Bromodichloromethane
Concen: 4.882 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

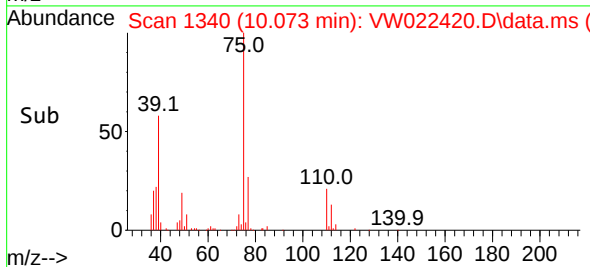
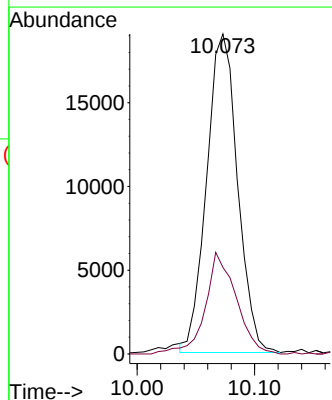
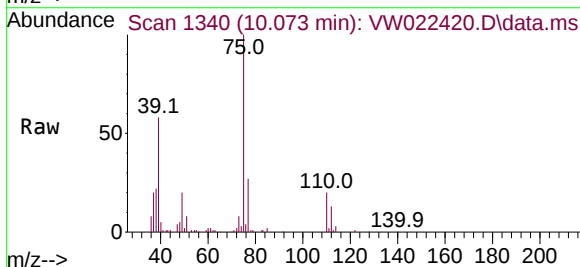
Instrument :
MSVOA_W
ClientSampleId :

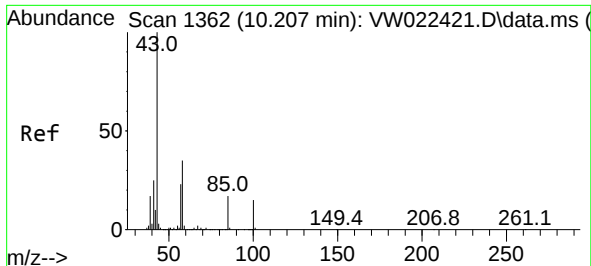
Tgt Ion: 83 Resp: 33780
Ion Ratio Lower Upper
83 100
85 61.9 45.2 84.0
127 8.2 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 4.556 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 75 Resp: 34787
Ion Ratio Lower Upper
75 100
77 27.1 22.6 42.0

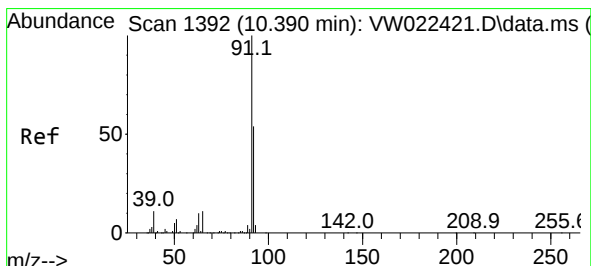
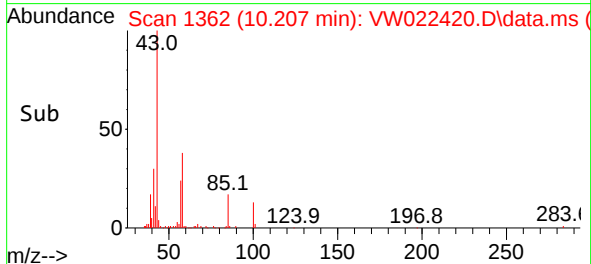
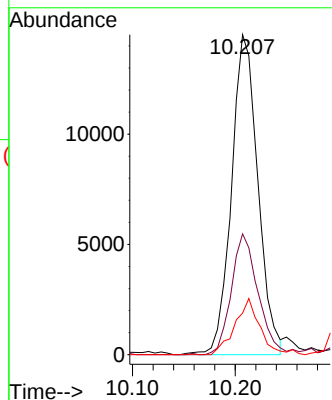
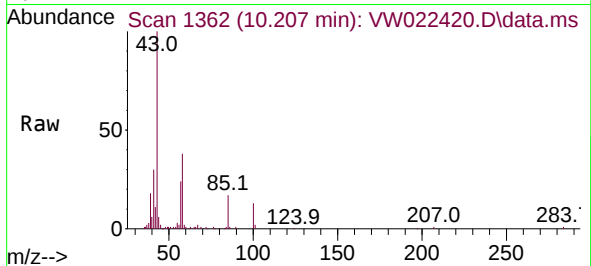




#40
4-Methyl-2-pentanone
Concen: 8.827 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

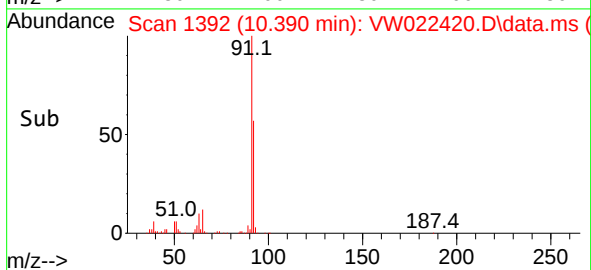
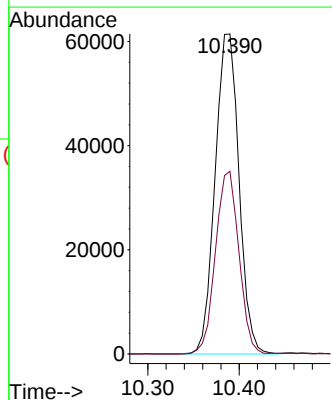
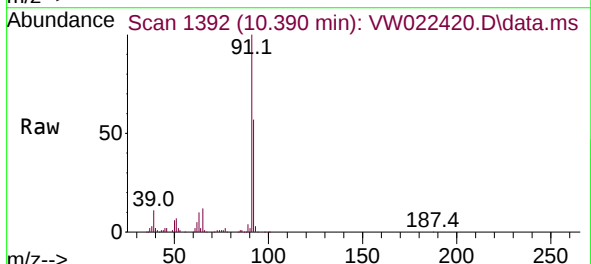
Instrument :
MSVOA_W
ClientSampleId :

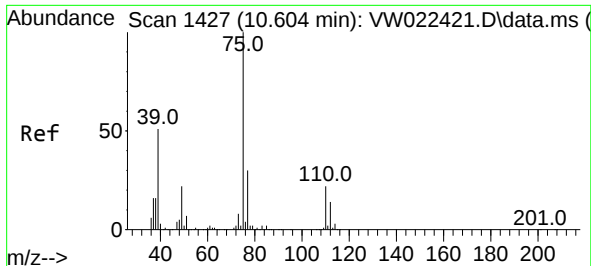
Tgt Ion: 43 Resp: 25921
Ion Ratio Lower Upper
43 100
58 37.9 29.3 43.9
100 16.3 12.2 18.4



#42
Toluene
Concen: 4.858 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 91 Resp: 111813
Ion Ratio Lower Upper
91 100
92 57.1 38.0 70.6

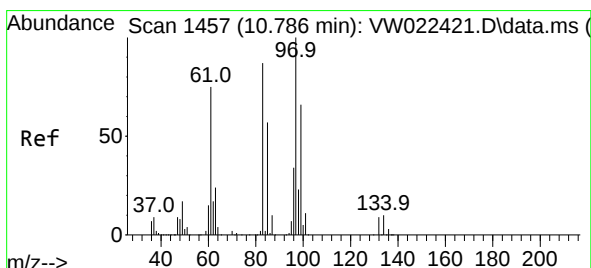
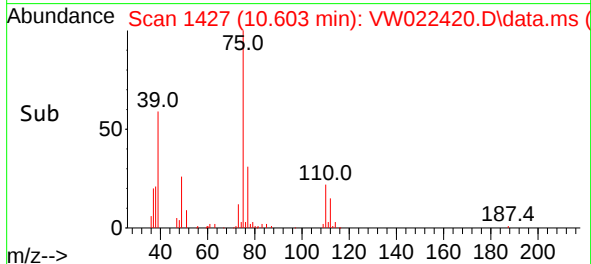
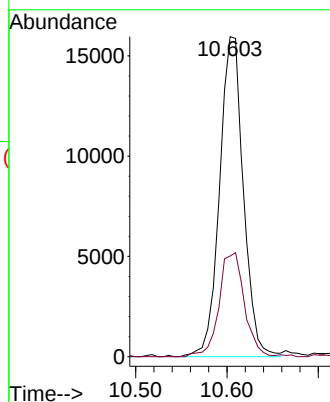
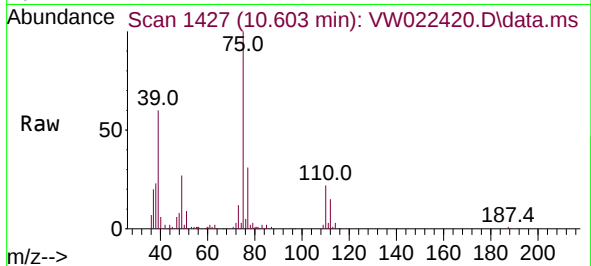




#44
trans-1,3-Dichloropropene
Concen: 4.230 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

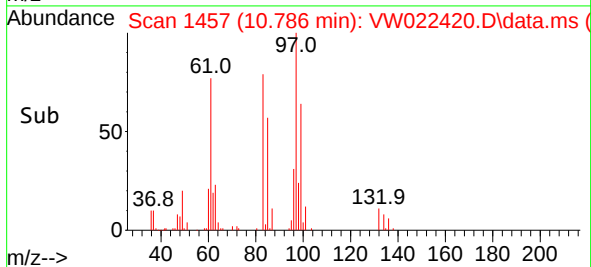
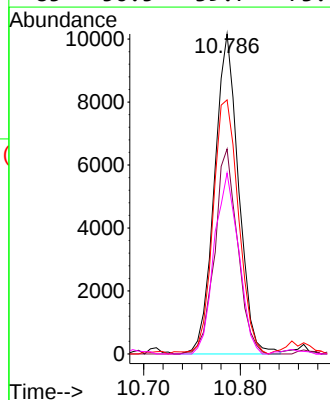
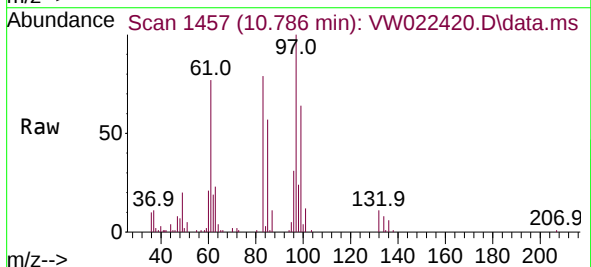
Instrument :
MSVOA_W
ClientSampleId :

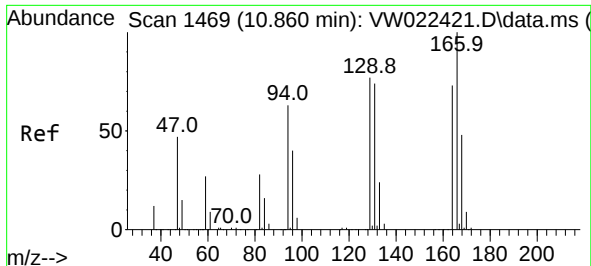
Tgt Ion: 75 Resp: 28921
Ion Ratio Lower Upper
75 100
77 31.5 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 4.787 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

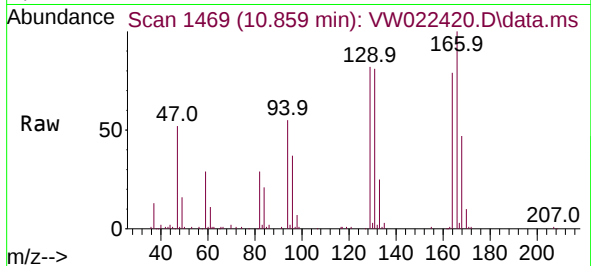
Tgt Ion: 97 Resp: 17579
Ion Ratio Lower Upper
97 100
99 64.0 46.0 85.4
83 79.4 60.6 112.6
85 56.5 39.7 73.7



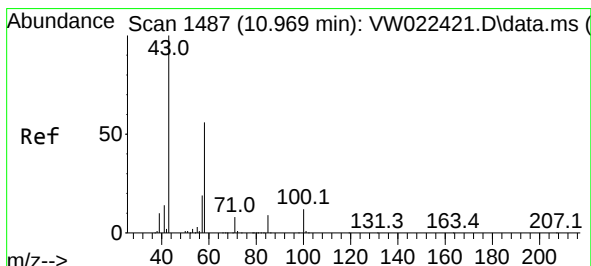
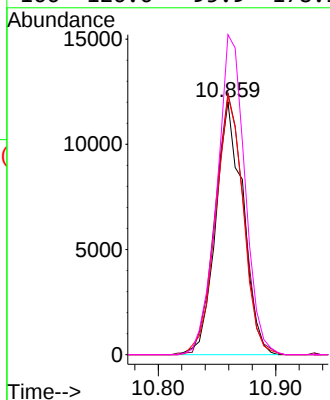
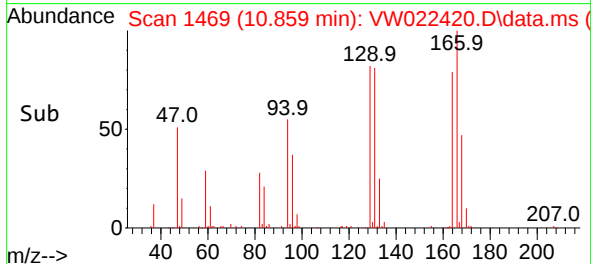


#46
Tetrachloroethene
Concen: 4.910 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

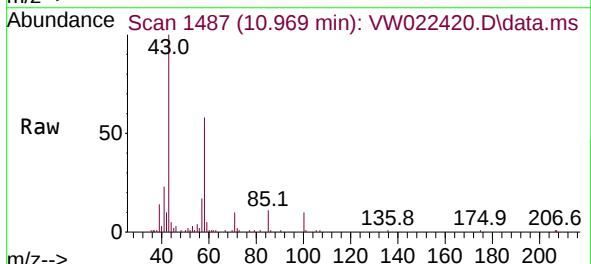
Instrument :
MSVOA_W
ClientSampleId :



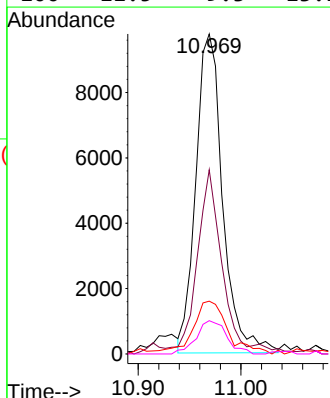
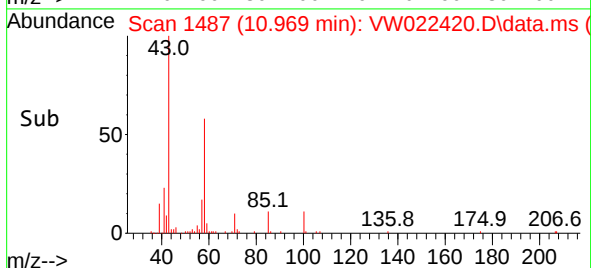
Tgt Ion:164	Resp:	19412
Ion	Ratio	Lower Upper
164	100	
129	103.4	74.1 137.7
131	102.5	71.4 132.6
166	126.6	95.9 178.1

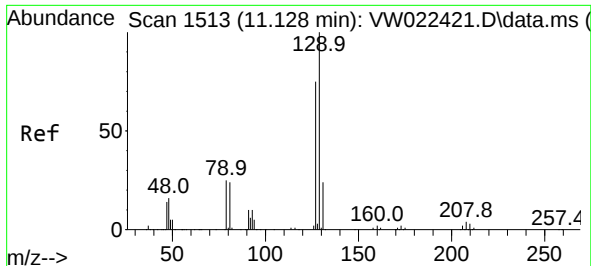


#48
2-Hexanone
Concen: 8.560 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09



Tgt Ion: 43	Resp:	17757
Ion	Ratio	Lower Upper
43	100	
58	51.2	41.6 62.4
57	19.5	14.5 21.7
100	11.5	9.3 13.9





#49

Dibromochloromethane

Concen: 4.544 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

Instrument :

MSVOA_W

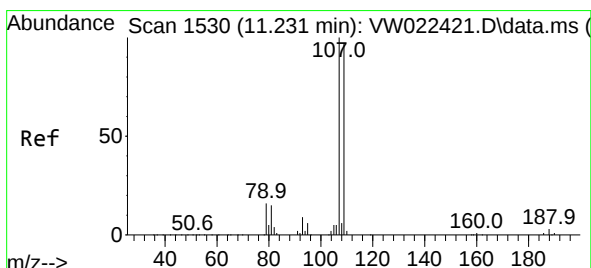
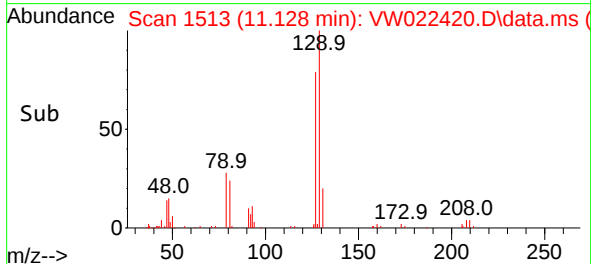
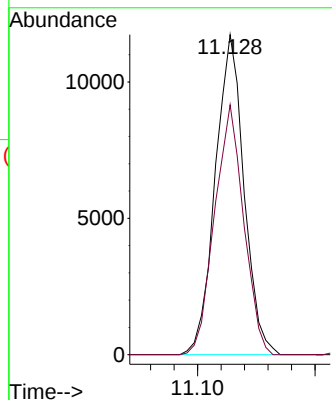
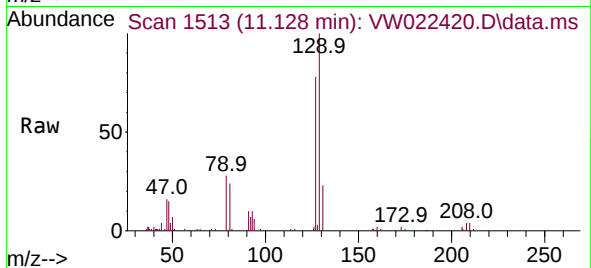
ClientSampleId :

Tgt Ion:129 Resp: 19900

Ion Ratio Lower Upper

129 100

127 78.1 52.6 97.6



#50

1,2-Dibromoethane

Concen: 4.678 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

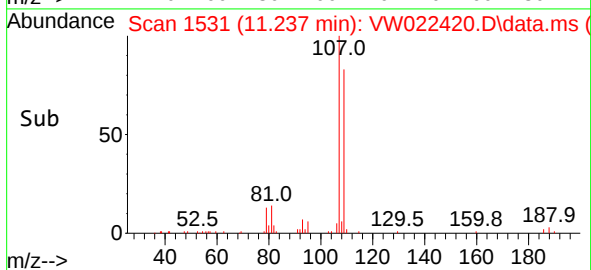
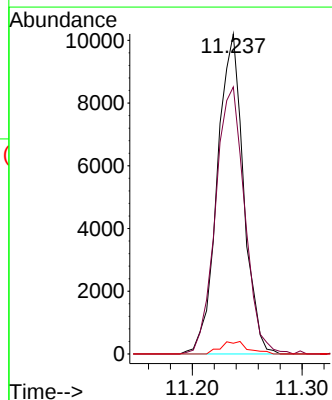
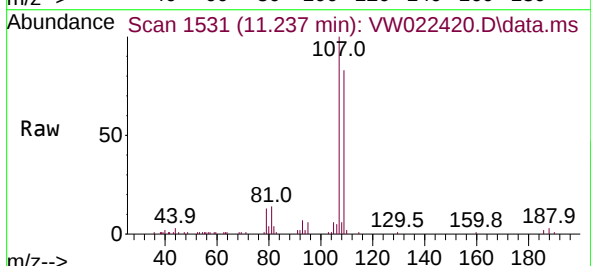
Tgt Ion:107 Resp: 16965

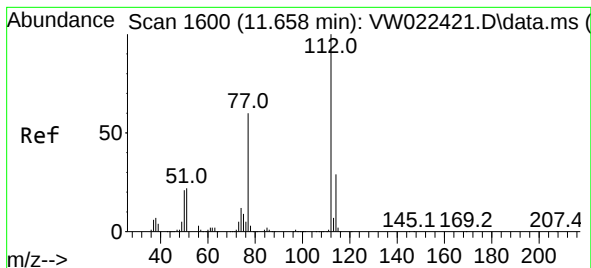
Ion Ratio Lower Upper

107 100

109 83.5 68.2 126.6

188 3.4 2.8 4.2

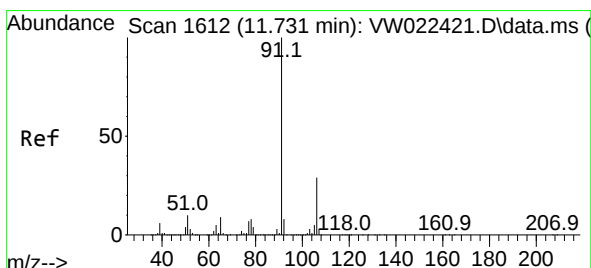
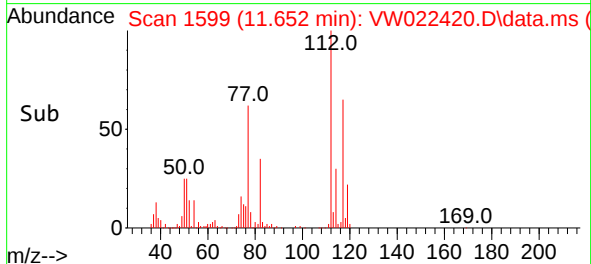
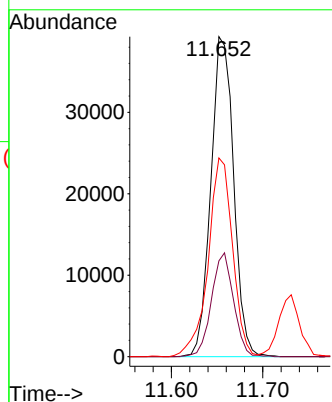
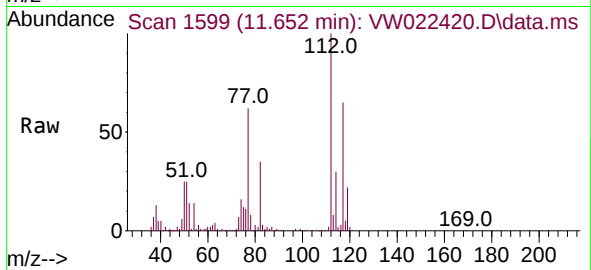




#51
Chlorobenzene
Concen: 4.841 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

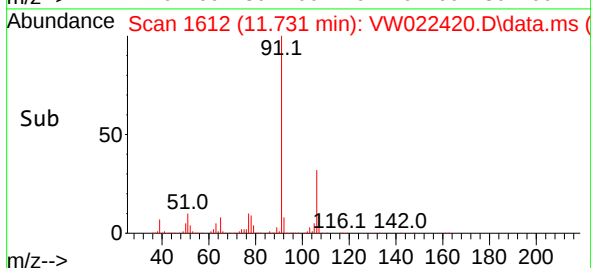
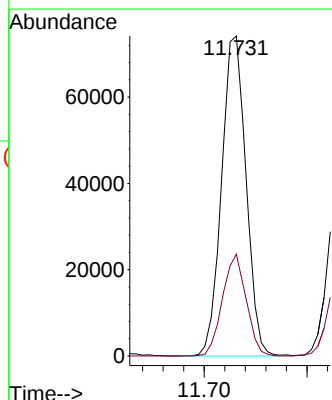
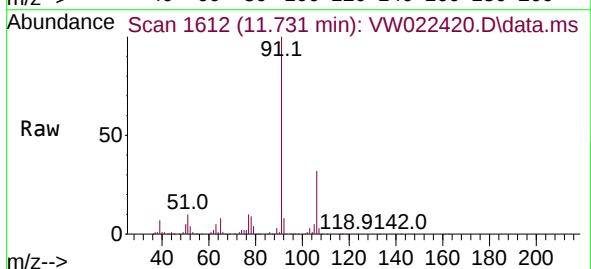
Instrument :
MSVOA_W
ClientSampleId :

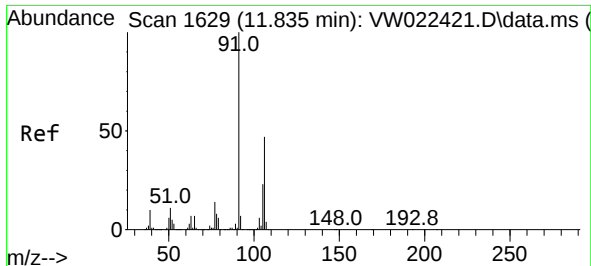
Tgt Ion:112 Resp: 68091
Ion Ratio Lower Upper
112 100
114 30.0 20.5 38.1
77 62.1 48.1 72.1



#52
Ethylbenzene
Concen: 4.747 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 91 Resp: 122446
Ion Ratio Lower Upper
91 100
106 31.8 20.5 38.1

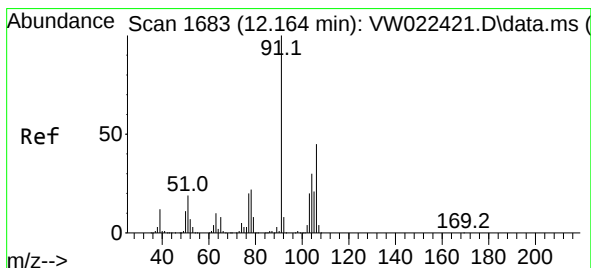
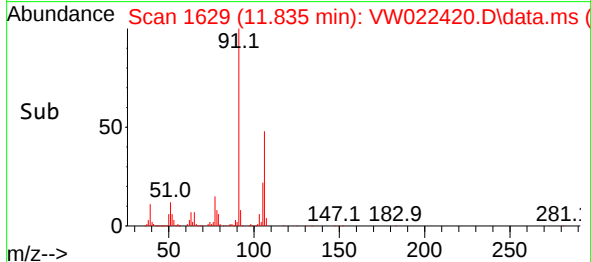
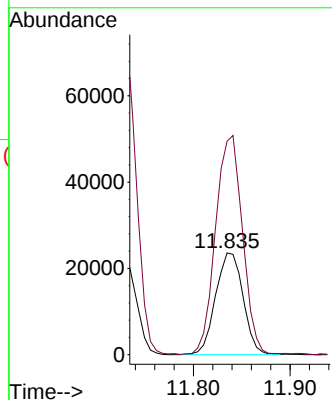
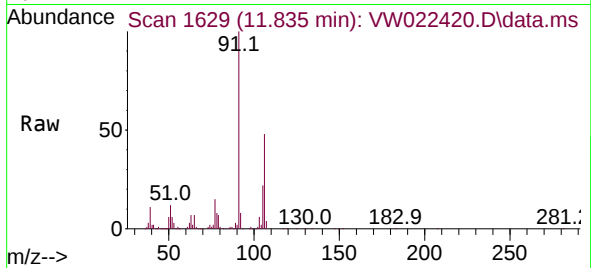




#53
m,p-Xylene
Concen: 4.745 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

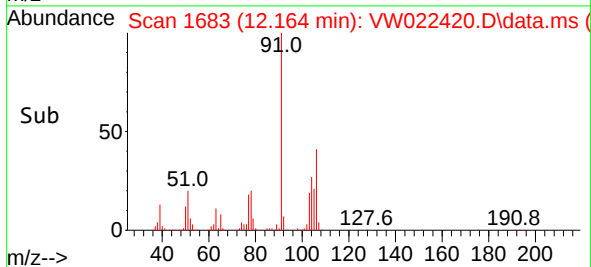
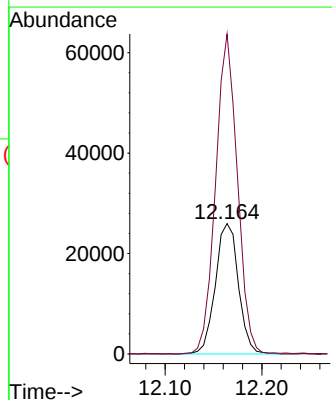
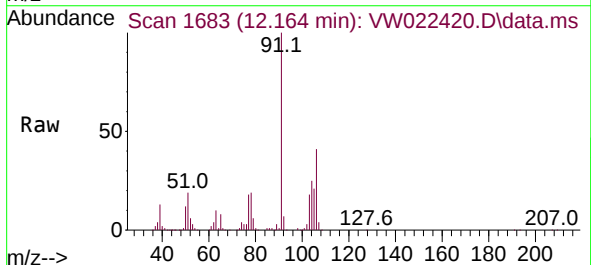
Instrument :
MSVOA_W
ClientSampleId :

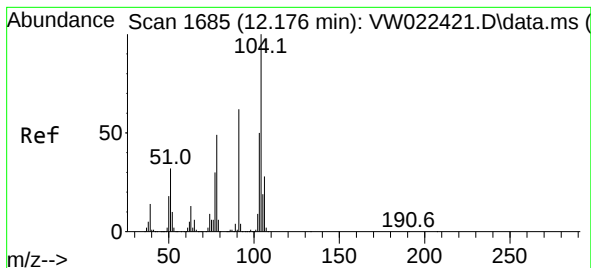
Tgt Ion:106 Resp: 46541
Ion Ratio Lower Upper
106 100
91 209.6 149.9 278.5



#54
o-Xylene
Concen: 4.579 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion:106 Resp: 42920
Ion Ratio Lower Upper
106 100
91 245.4 155.3 288.3





#55

Styrene

Concen: 4.452 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

Instrument :

MSVOA_W

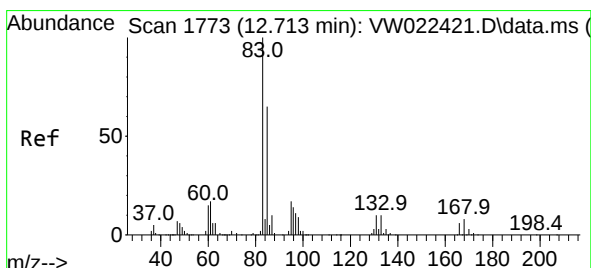
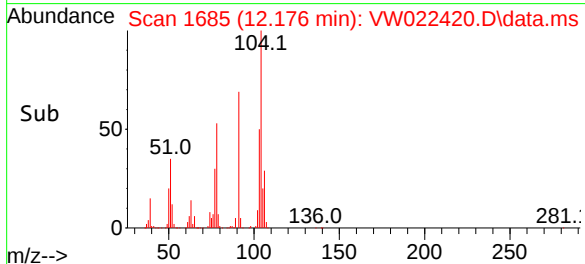
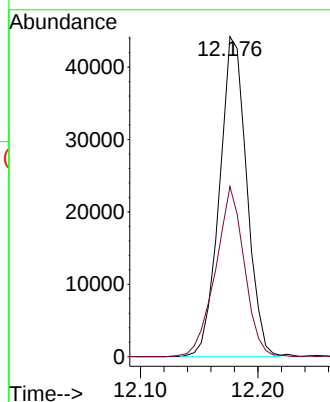
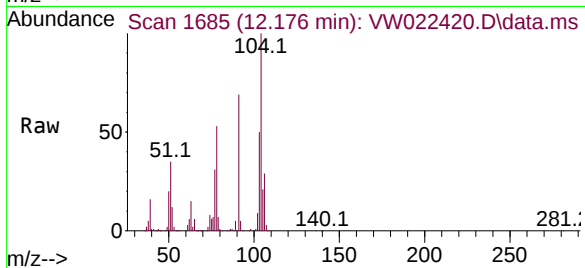
ClientSampleId :

Tgt Ion:104 Resp: 71342

Ion Ratio Lower Upper

104 100

78 53.2 34.4 64.0



#57

1,1,2,2-Tetrachloroethane

Concen: 4.503 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

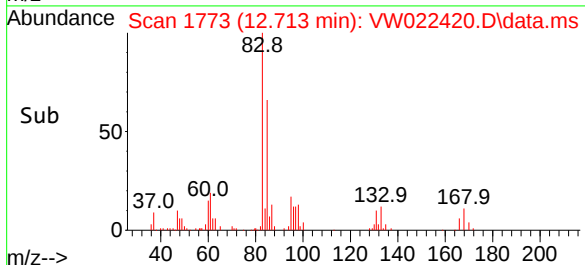
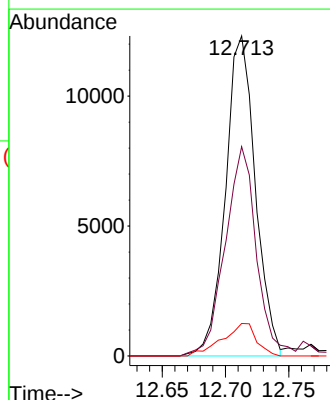
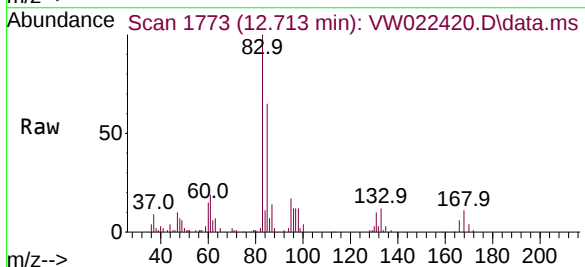
Tgt Ion: 83 Resp: 20296

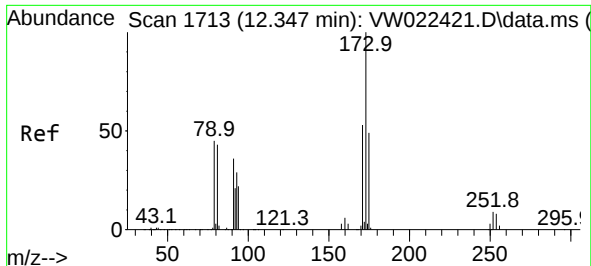
Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5

131 10.2 7.8 11.8

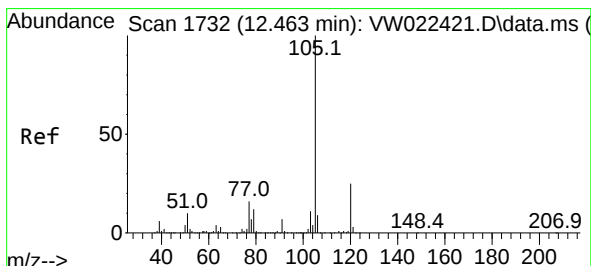
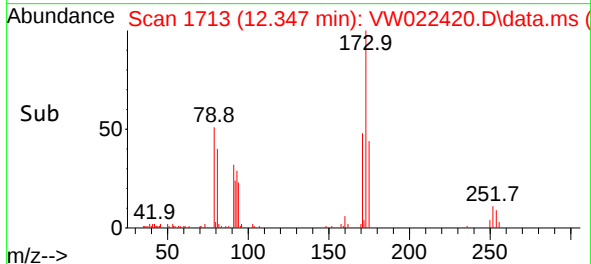
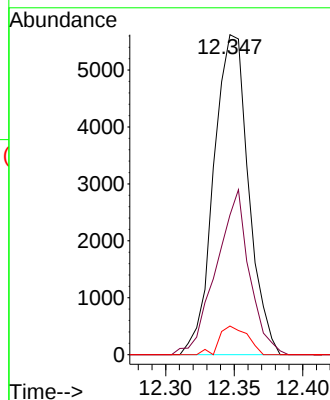
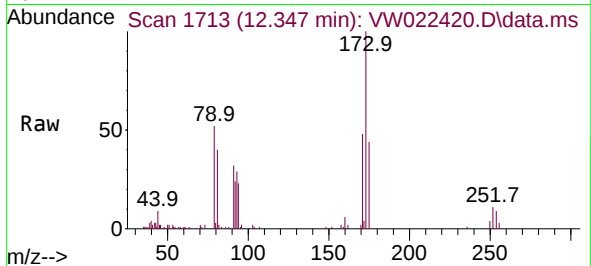




#59
Bromoform
Concen: 4.238 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

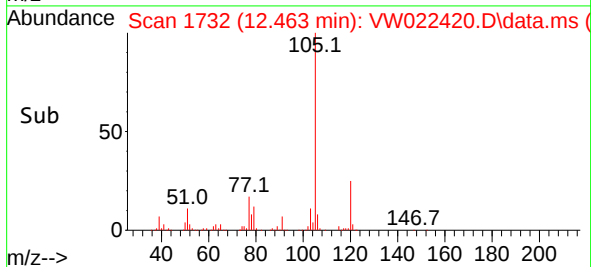
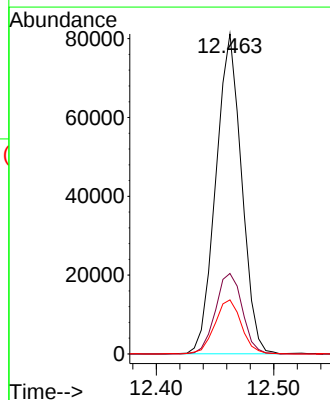
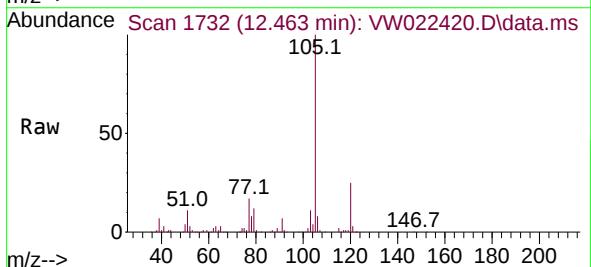
Instrument :
MSVOA_W
ClientSampleId :

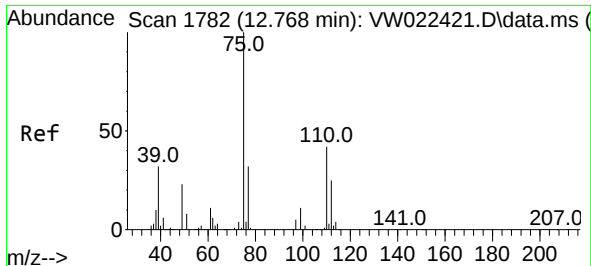
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.2	58.8
254	6.9	6.6	9.8



#60
Isopropylbenzene
Concen: 4.716 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

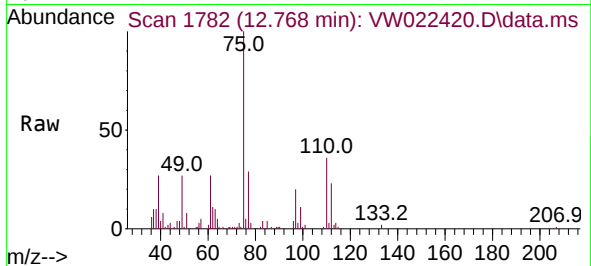
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.9	31.3
77	17.6	13.7	20.5



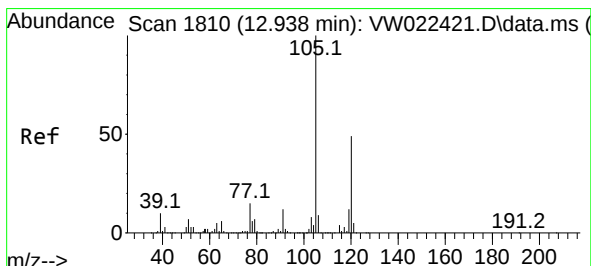
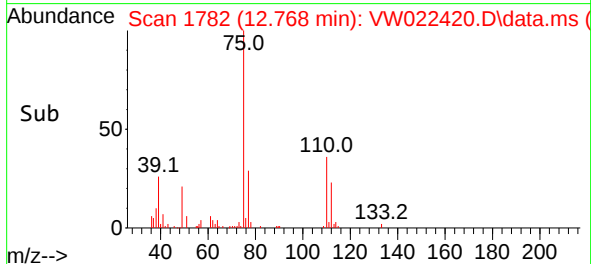
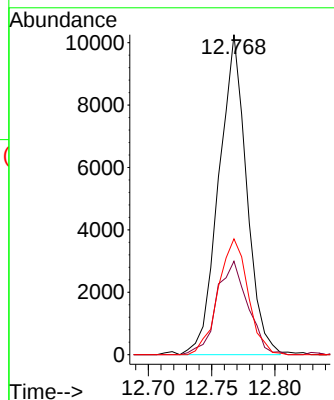


#61
1,2,3-Trichloropropane
Concen: 4.661 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Instrument :
MSVOA_W
ClientSampleId :

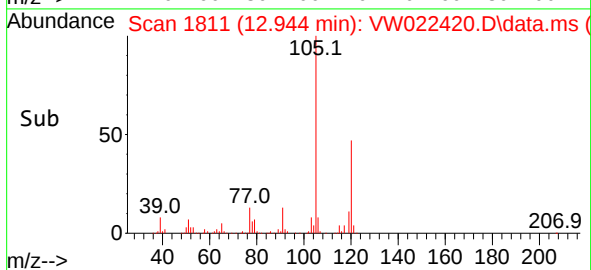
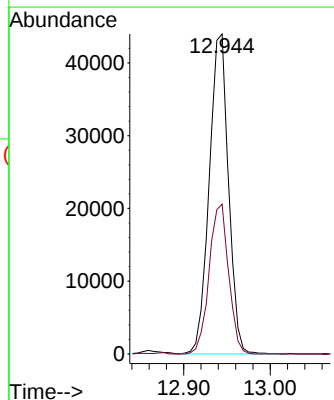
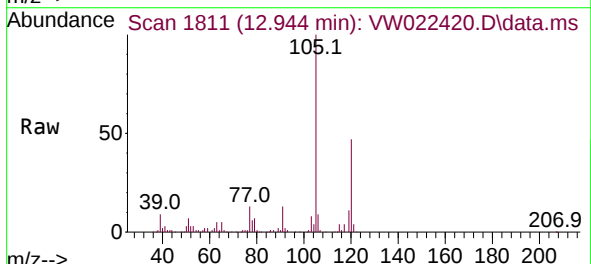


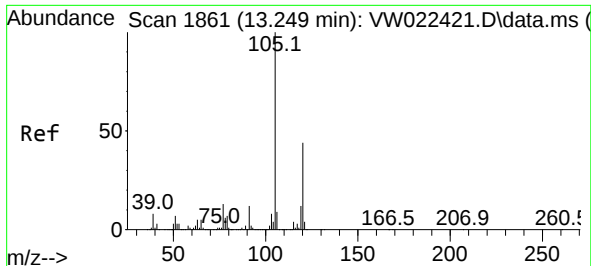
Tgt Ion: 75 Resp: 15633
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 38.8 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 4.717 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 105 Resp: 67942
Ion Ratio Lower Upper
105 100
120 47.3 37.5 56.3

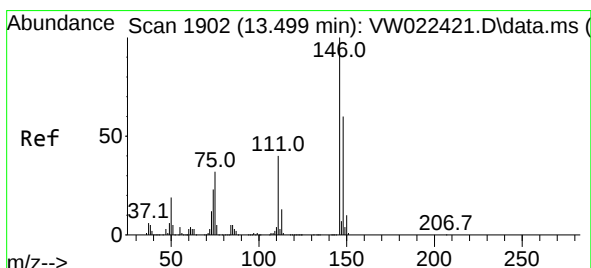
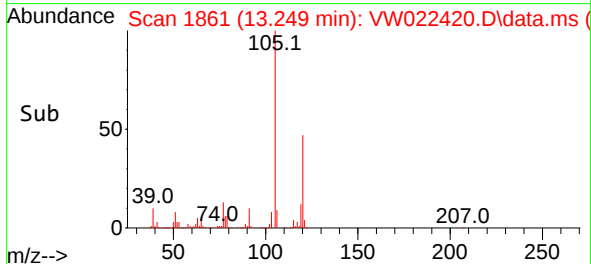
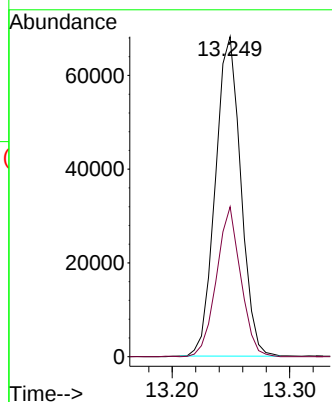
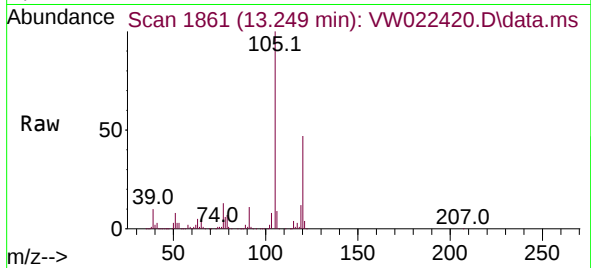




#63
1,2,4-Trimethylbenzene
Concen: 4.685 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

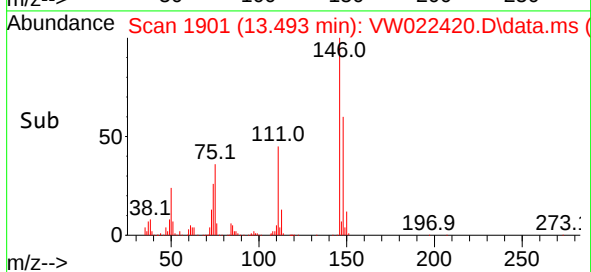
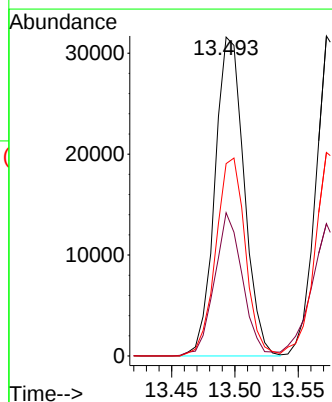
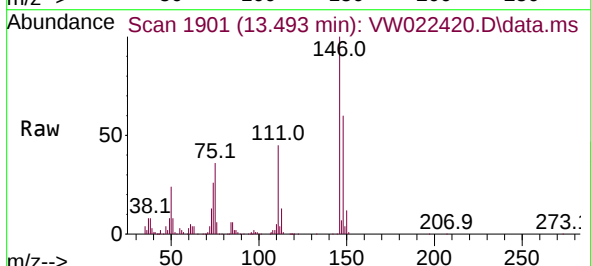
Instrument :
MSVOA_W
ClientSampleId :

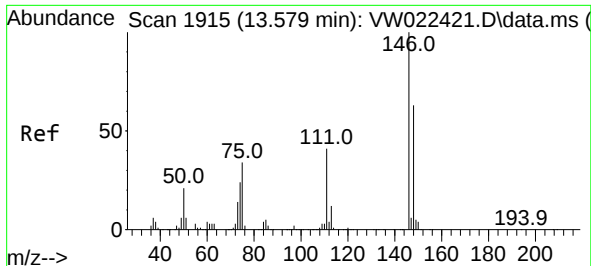
Tgt Ion:105 Resp: 102612
Ion Ratio Lower Upper
105 100
120 44.7 34.2 51.2



#64
1,3-Dichlorobenzene
Concen: 4.775 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion:146 Resp: 50757
Ion Ratio Lower Upper
146 100
111 44.9 28.2 52.4
148 60.3 41.9 77.7

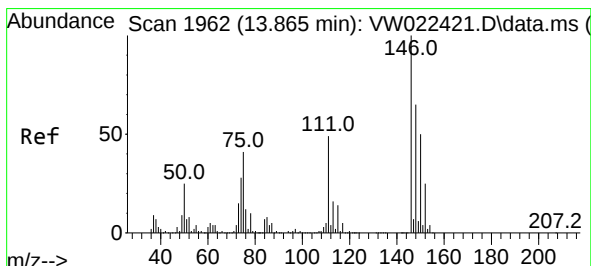
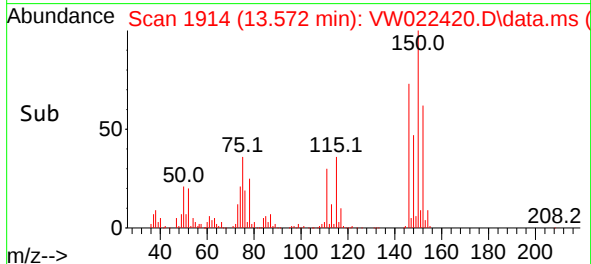
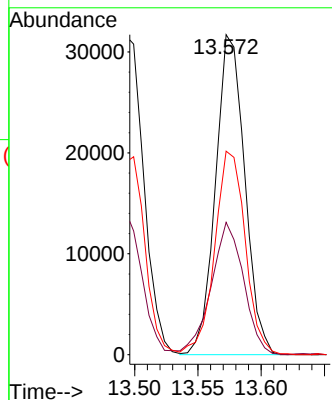
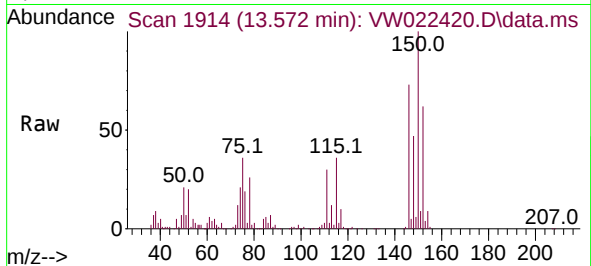




#65
1,4-Dichlorobenzene
Concen: 4.802 ug/L
RT: 13.572 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

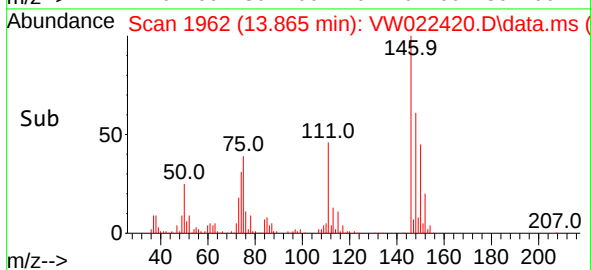
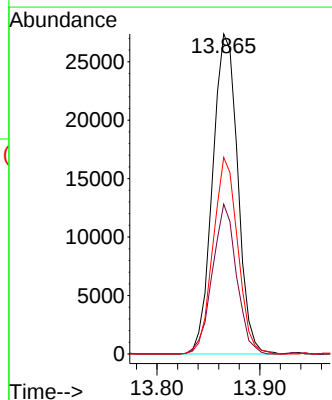
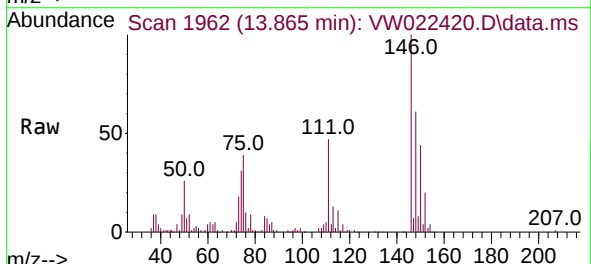
Instrument :
MSVOA_W
ClientSampleId :

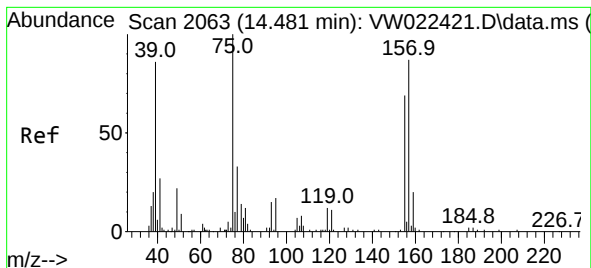
Tgt Ion:146 Resp: 50903
Ion Ratio Lower Upper
146 100
111 41.3 28.5 52.9
148 63.6 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 4.884 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion:146 Resp: 46430
Ion Ratio Lower Upper
146 100
111 46.8 39.0 58.4
148 61.4 52.1 78.1

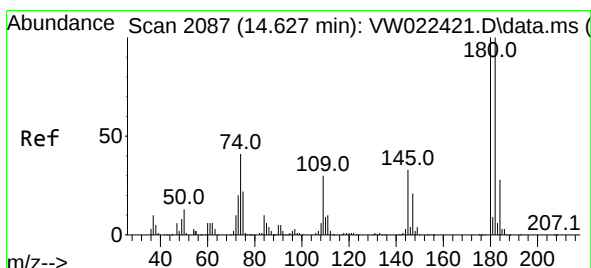
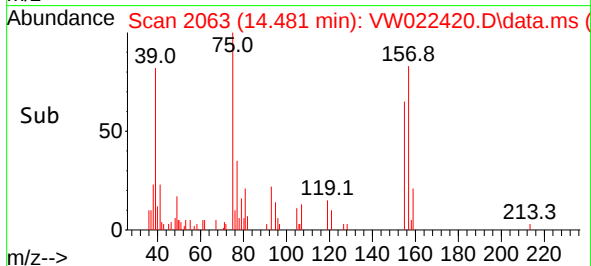
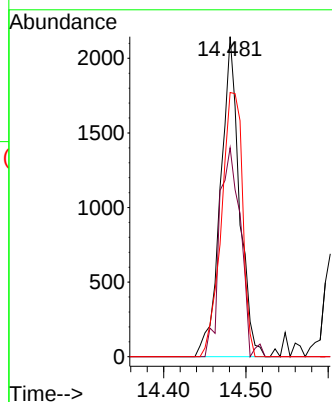
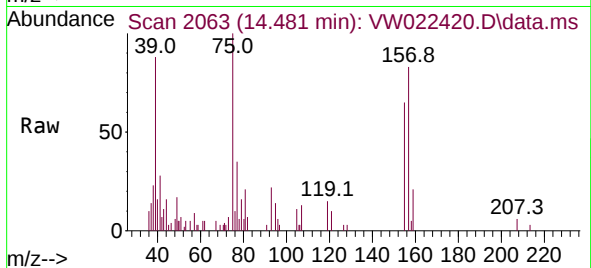




#68
1,2-Dibromo-3-chloropropane
Concen: 4.441 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

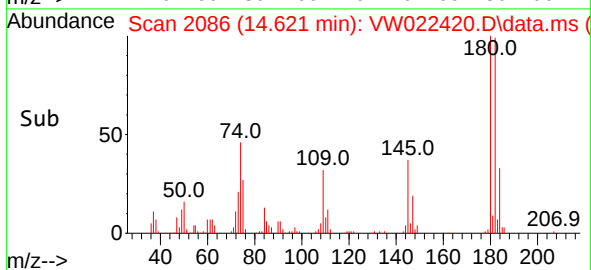
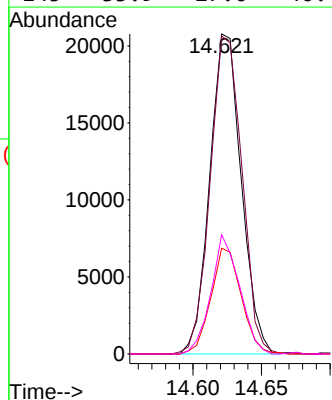
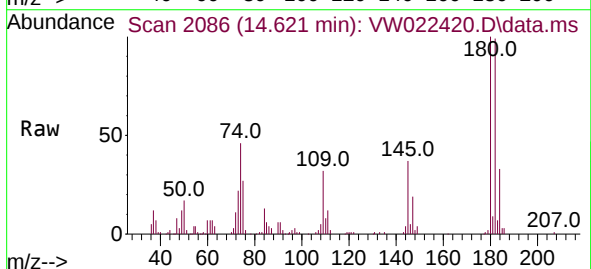
Instrument :
MSVOA_W
ClientSampleId :

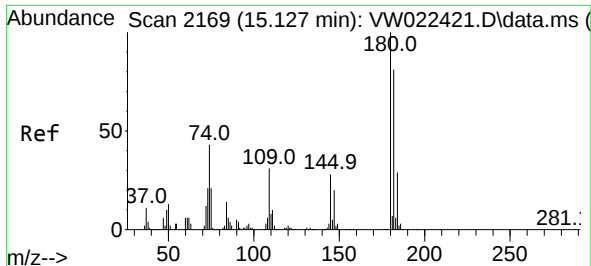
Tgt Ion: 75 Resp: 3454
Ion Ratio Lower Upper
75 100
155 65.3 55.6 83.4
157 82.6 69.8 104.6



#69
1,3,5-Trichlorobenzene
Concen: 4.794 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022420.D
Acq: 07 Apr 2022 09:09

Tgt Ion: 180 Resp: 33244
Ion Ratio Lower Upper
180 100
182 99.8 79.1 118.7
184 31.9 24.5 36.7
145 33.9 27.0 40.4





#70

1,2,4-trichlorobenzene

Concen: 4.853 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

Instrument :

MSVOA_W

ClientSampleId :

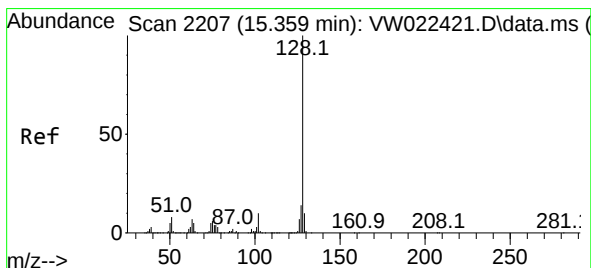
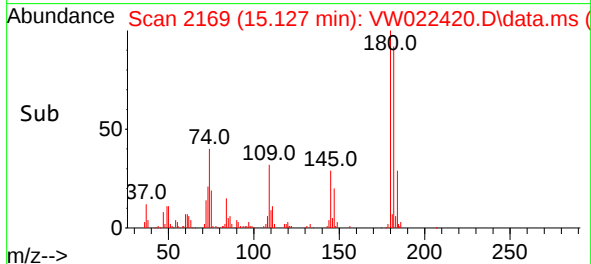
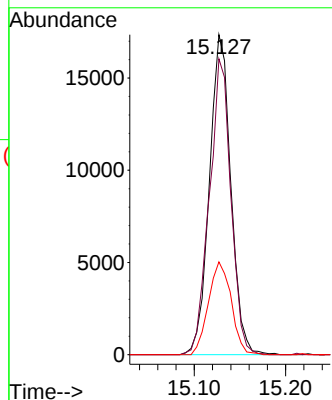
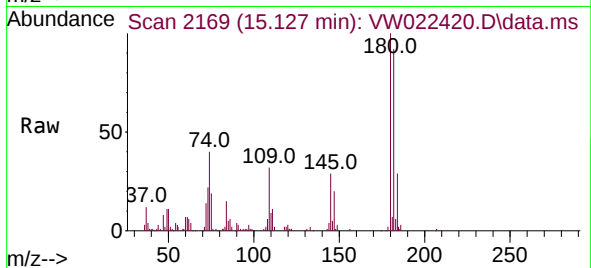
Tgt Ion:180 Resp: 28263

Ion Ratio Lower Upper

180 100

182 92.8 72.8 109.2

145 30.8 25.5 38.3



#71

Naphthalene

Concen: 4.413 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022420.D

Acq: 07 Apr 2022 09:09

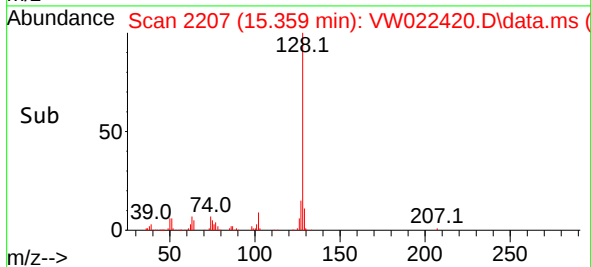
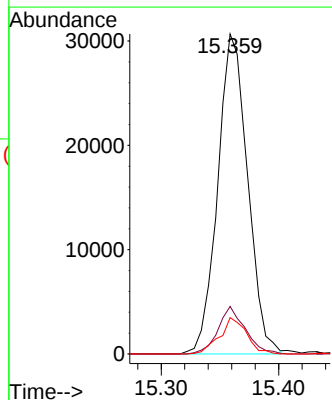
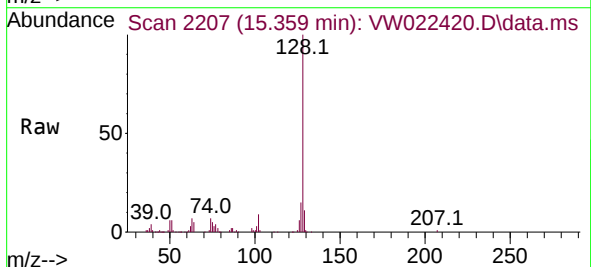
Tgt Ion:128 Resp: 54209

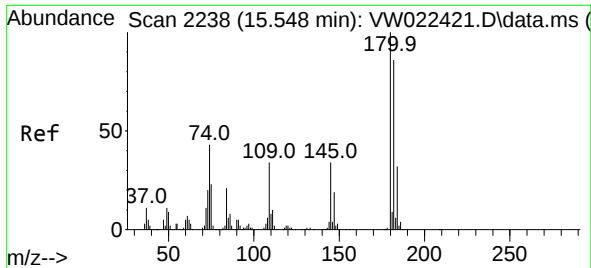
Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

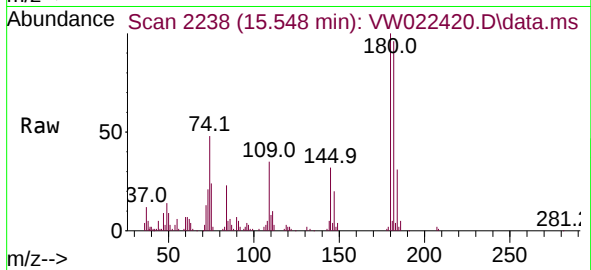
129 10.2 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 4.544 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW022420.D
 Acq: 07 Apr 2022 09:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	22623
Ion	Ratio	Lower	Upper
180	100		
182	94.2	73.4	110.0
145	34.3	27.0	40.6

