

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022421.D
 Acq On : 07 Apr 2022 09:33
 Operator : SY/VA
 Sample : VSTD02577
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:55:37 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	8.842	114	286854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	284178	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	167849	26.468	ug/L	0.00
7) Chloroethane-d5	2.892	69	107707	27.101	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	206744	25.136	ug/L	0.00
21) 2-Butanone-d5	7.080	46	68668	61.123	ug/L	0.00
24) Chloroform-d	7.653	84	240806	26.857	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	143463	28.004	ug/L	0.00
32) Benzene-d6	8.275	84	463370	26.689	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	134356	26.741	ug/L	0.00
41) Toluene-d8	10.323	98	449960	26.461	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	66630	28.099	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	59225	63.355	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	130348	30.511	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	149753	28.235	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	29609	21.689	ug/L	100
3) Chloromethane	2.221	50	80342	22.916	ug/L	100
5) Vinyl chloride	2.361	62	186424	25.484	ug/L	100
6) Bromomethane	2.782	94	106418	23.930	ug/L	100
8) Chloroethane	2.922	64	83913	26.192	ug/L	100
9) Trichlorofluoromethane	3.257	101	64204	23.772	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	104987	24.966	ug/L	100
12) 1,1-Dichloroethene	4.044	96	94282	24.411	ug/L	100
13) Acetone	4.123	43	38497	53.053	ug/L	100
14) Carbon disulfide	4.385	76	318957	25.103	ug/L	100
15) Methyl Acetate	4.672	43	53690	27.910	ug/L	100
16) Methylene chloride	4.916	84	101972	23.624	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	112035	24.798	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	195045	26.395	ug/L	100
19) 1,1-Dichloroethane	6.220	63	204612	24.785	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	118226	24.673	ug/L	100
22) 2-Butanone	7.171	43	65071	57.155	ug/L	100
23) Bromochloromethane	7.519	128	52969	25.756	ug/L	100
25) Chloroform	7.677	83	216789	24.932	ug/L	100
27) 1,2-Dichloroethane	8.403	62	161336	26.399	ug/L	100
29) Cyclohexane	7.958	56	200905	24.701	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	192715	24.447	ug/L	100
31) Carbon tetrachloride	8.067	117	172798	24.423	ug/L	100
33) Benzene	8.323	78	481629	24.963	ug/L	100
34) Trichloroethene	9.092	95	127032	24.590	ug/L	100
35) Methylcyclohexane	9.335	83	231883	25.018	ug/L	100
37) 1,2-Dichloropropane	9.366	63	114502	24.773	ug/L	100
38) Bromodichloromethane	9.646	83	167122	25.143	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	190626	25.990	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	164747	58.405	ug/L	100
42) Toluene	10.390	91	552926	25.010	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	176398	26.860	ug/L	100

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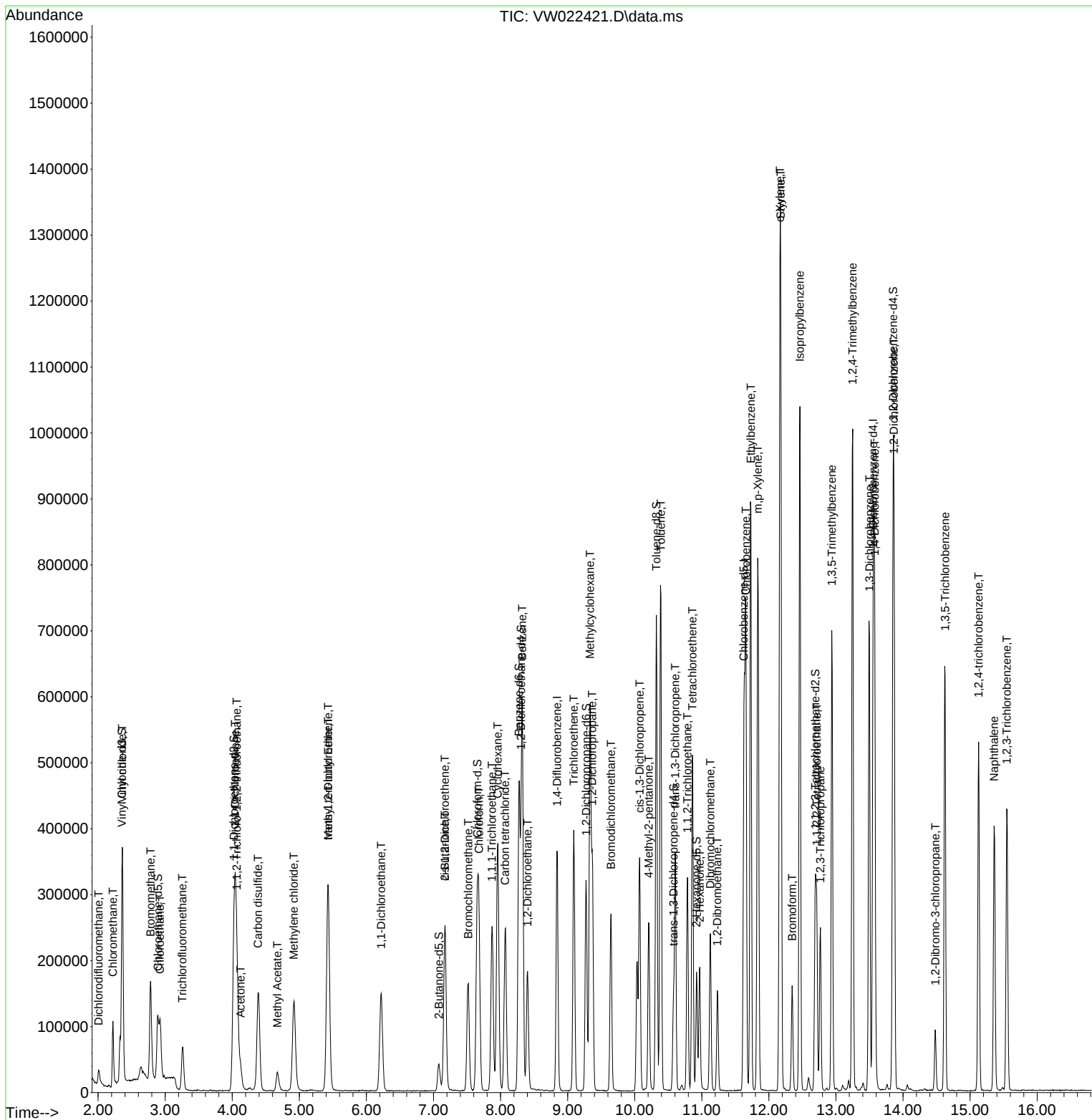
Instrument :
 MSVOA_W
 ClientSampleId :

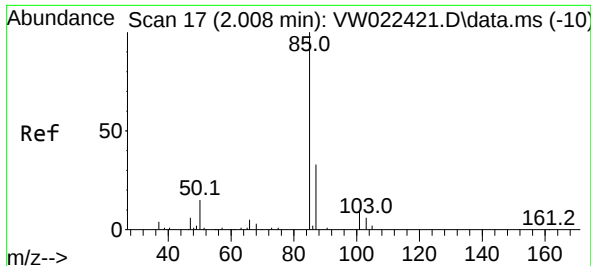
Quant Time: Apr 08 05:55:37 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 05:54:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	91584	25.962	ug/L	100
46) Tetrachloroethene	10.860	164	93820	24.706	ug/L	100
48) 2-Hexanone	10.969	43	119840	60.143	ug/L	100
49) Dibromochloromethane	11.128	129	112229	26.676	ug/L	100
50) 1,2-Dibromoethane	11.231	107	95614	27.449	ug/L	100
51) Chlorobenzene	11.658	112	340969	25.238	ug/L	100
52) Ethylbenzene	11.731	91	632662	25.532	ug/L	100
53) m,p-Xylene	11.835	106	238744	25.338	ug/L	100
54) o-Xylene	12.164	106	229247	25.460	ug/L	100
55) Styrene	12.176	104	395753	25.710	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	123396	28.500	ug/L	100
59) Bromoform	12.347	173	59975	26.954	ug/L	100
60) Isopropylbenzene	12.463	105	648786	26.083	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	92444	29.022	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	358001	26.170	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	543062	26.106	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	268005	26.548	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	257228	25.549	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	233700	25.885	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21949	29.711	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	169779	25.776	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	143562	25.952	ug/L	100
71) Naphthalene	15.359	128	332726	28.518	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	125436	26.529	ug/L	100

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

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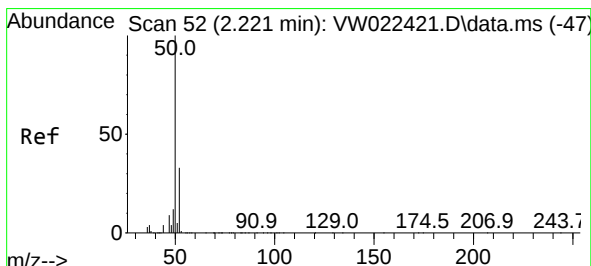
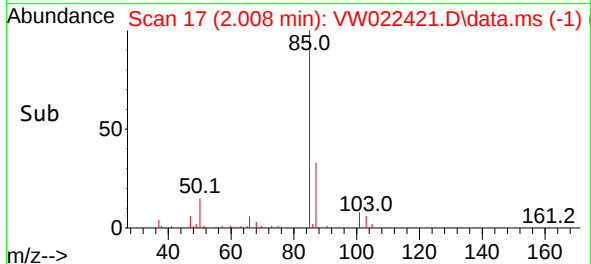
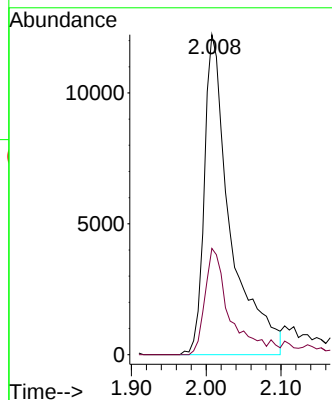
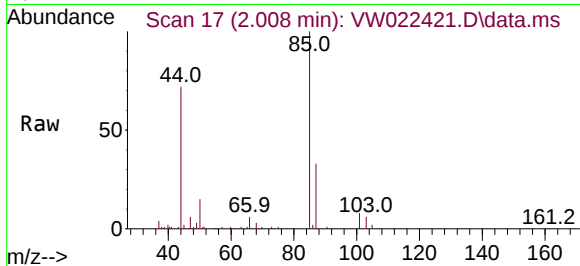




#2
 Dichlorodifluoromethane
 Concen: 21.689 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

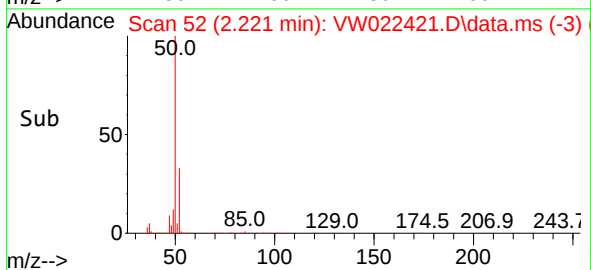
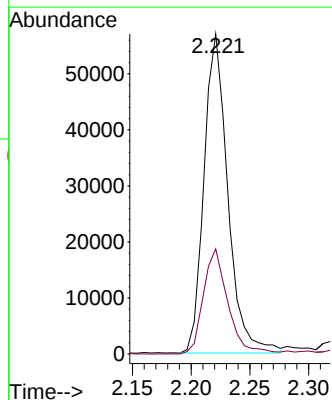
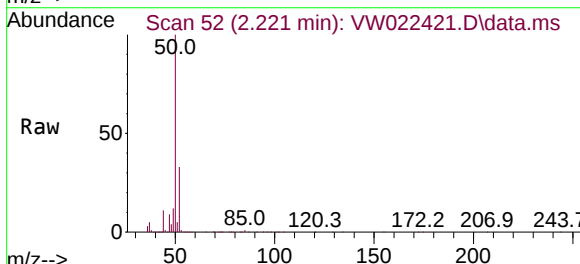
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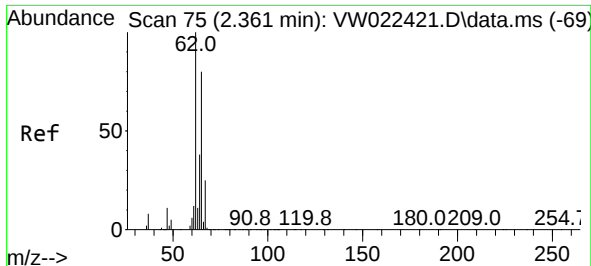
Tgt Ion: 85 Resp: 29609
 Ion Ratio Lower Upper
 85 100
 87 29.6 23.7 35.5



#3
 Chloromethane
 Concen: 22.916 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

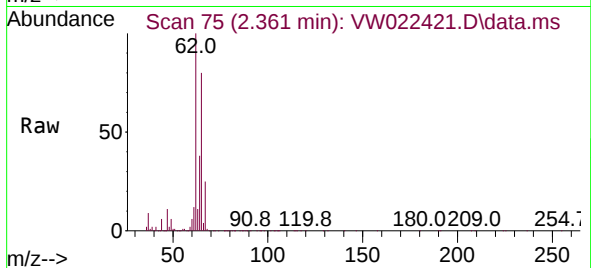
Tgt Ion: 50 Resp: 80342
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6



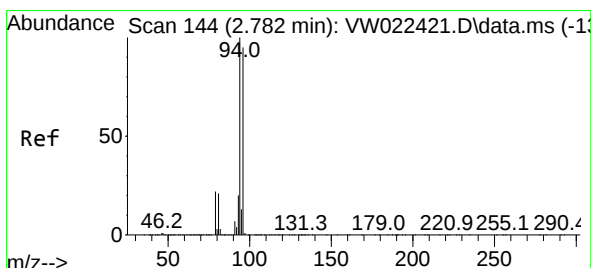
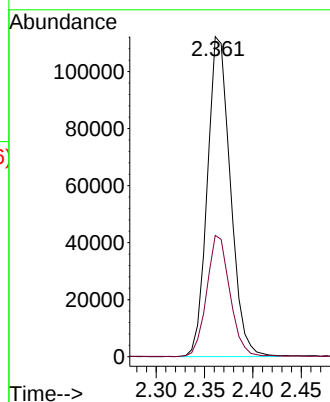
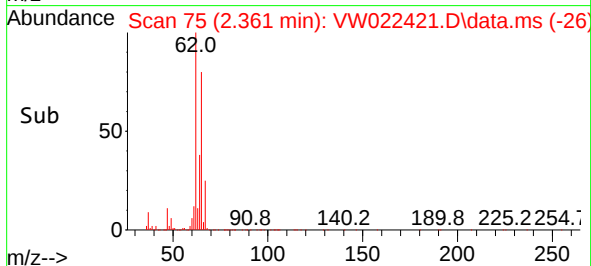


#5
 Vinyl chloride
 Concen: 25.484 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

Instrument :
 MSVOA_W
 ClientSampleId :

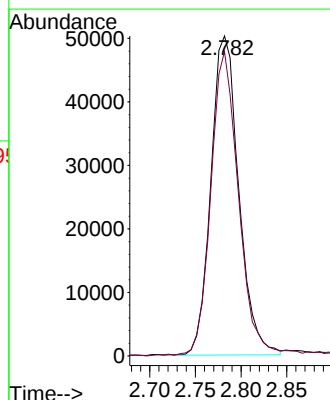
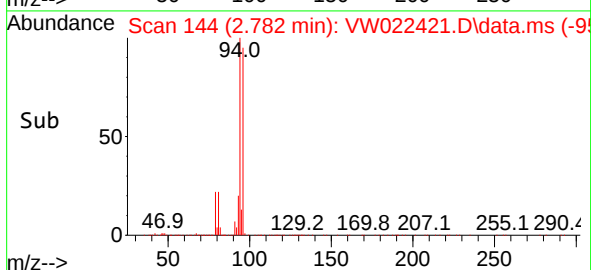
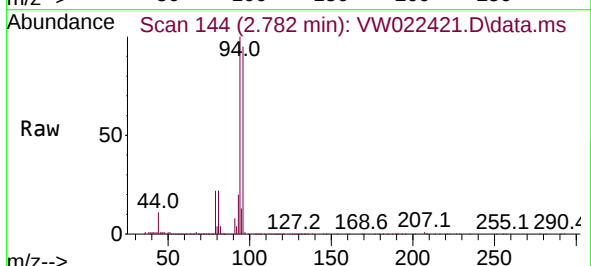


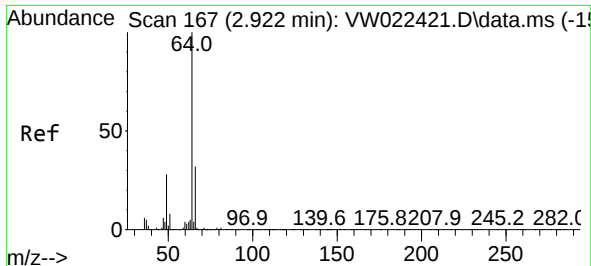
Tgt Ion: 62 Resp: 186424
 Ion Ratio Lower Upper
 62 100
 64 37.9 26.5 49.3



#6
 Bromomethane
 Concen: 23.930 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

Tgt Ion: 94 Resp: 106418
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.6

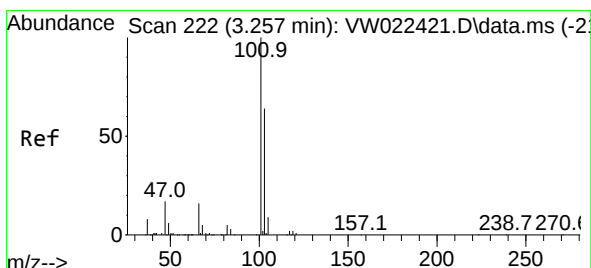
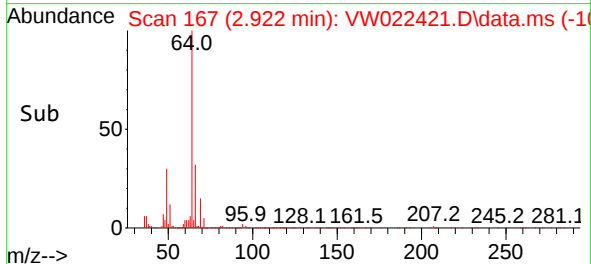
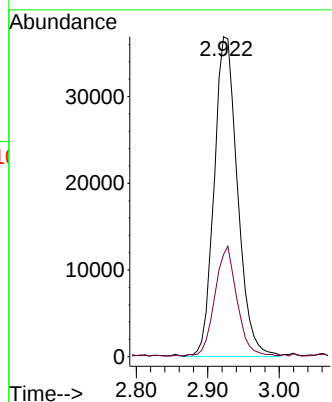
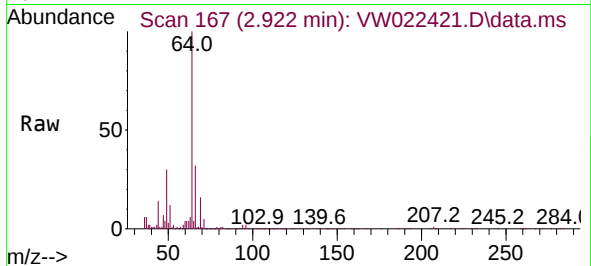




#8
Chloroethane
Concen: 26.192 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

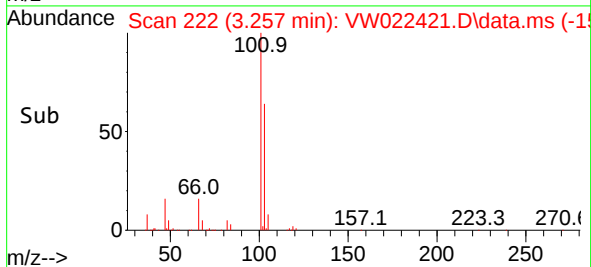
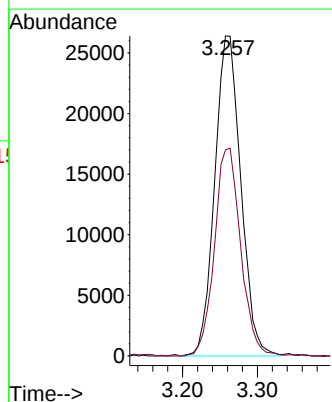
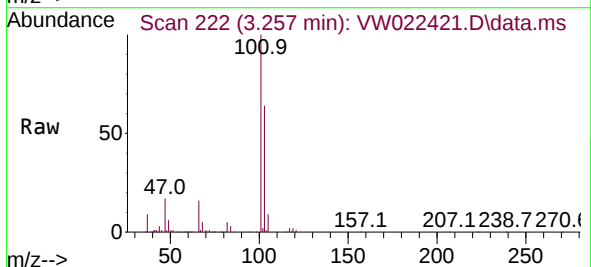
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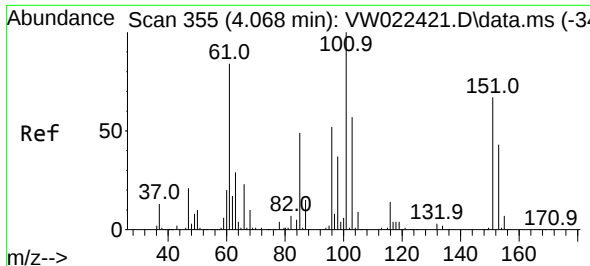
Tgt Ion: 64 Resp: 83913
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.772 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 101 Resp: 64204
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

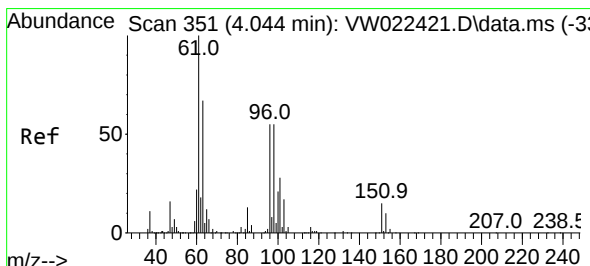
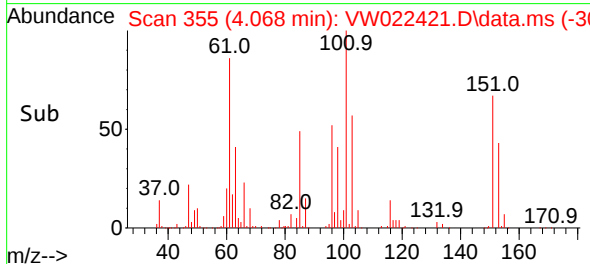
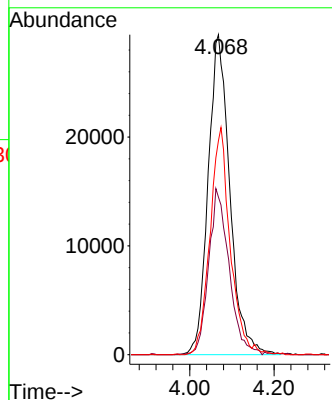
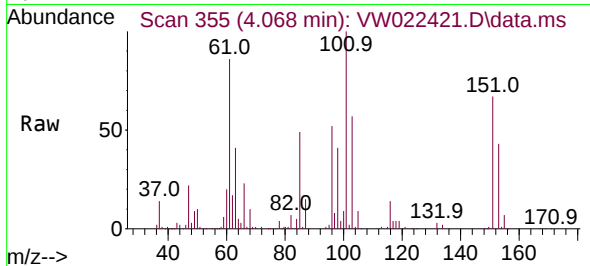




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.966 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

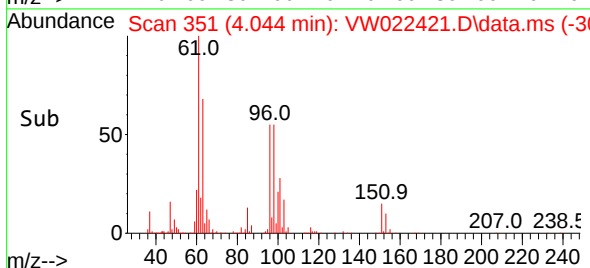
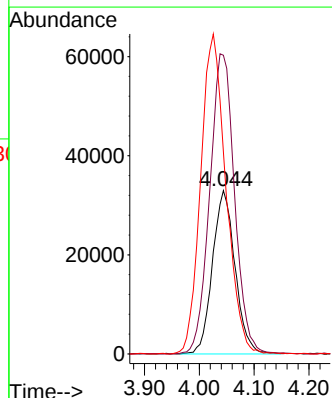
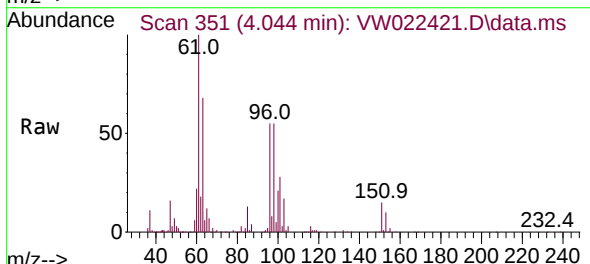
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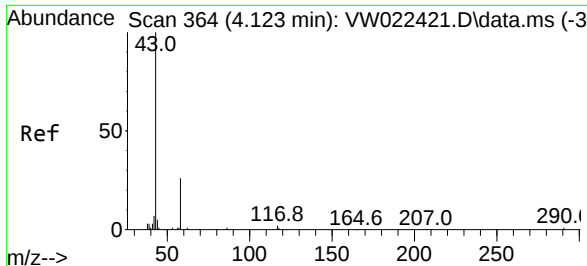
Tgt Ion:101 Resp: 104987
 Ion Ratio Lower Upper
 101 100
 85 49.0 39.2 58.8
 151 65.3 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.411 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

Tgt Ion: 96 Resp: 94282
 Ion Ratio Lower Upper
 96 100
 61 182.8 128.0 237.6
 63 123.7 86.6 160.8

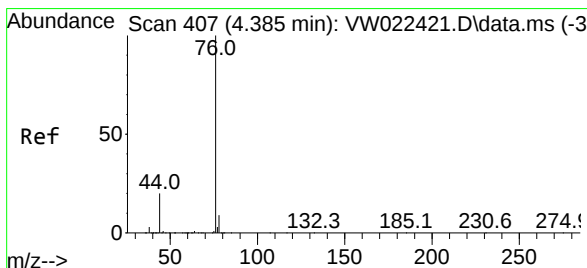
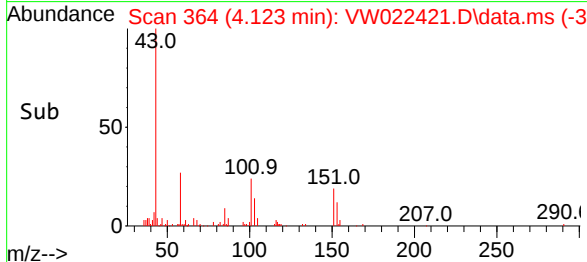
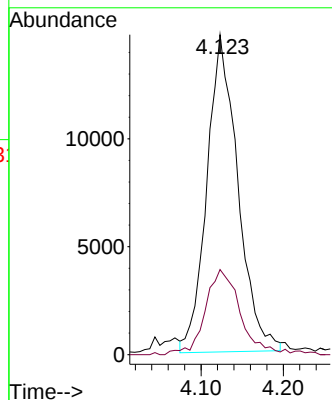
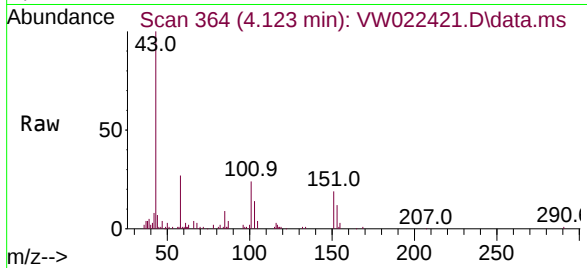




#13
Acetone
Concen: 53.053 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

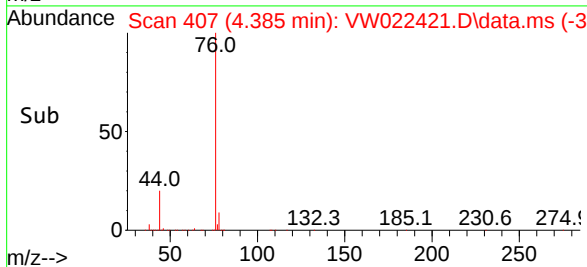
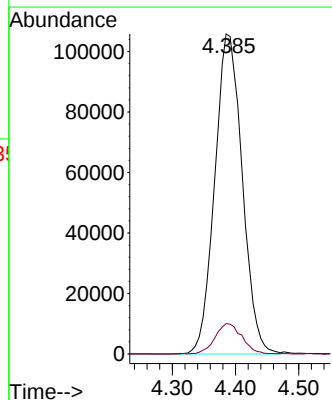
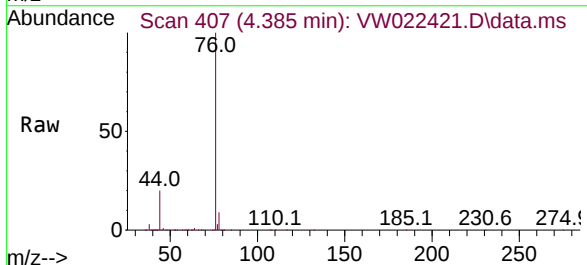
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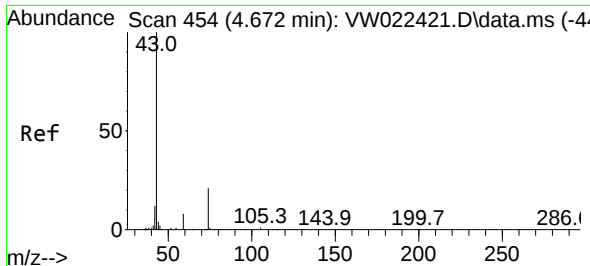
Tgt Ion: 43 Resp: 38497
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.0



#14
Carbon disulfide
Concen: 25.103 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 76 Resp: 318957
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

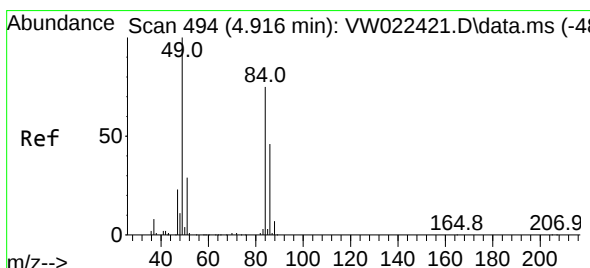
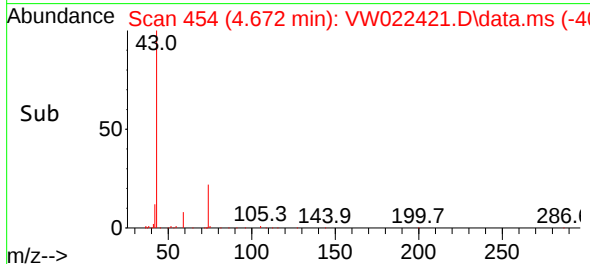
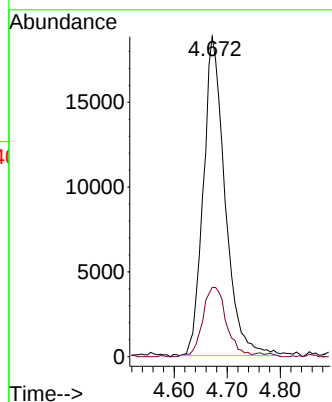
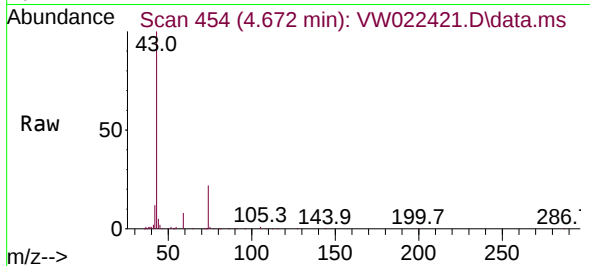




#15
Methyl Acetate
Concen: 27.910 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

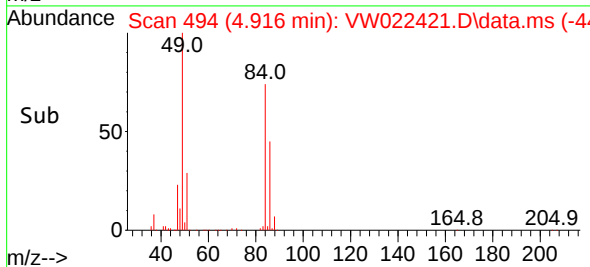
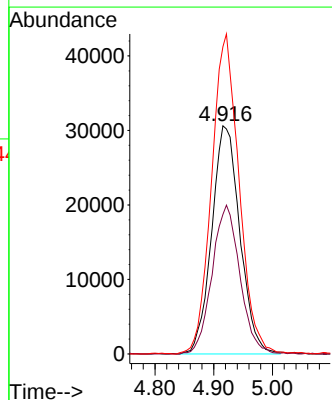
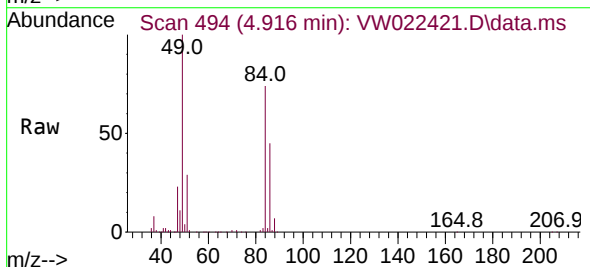
Instrument :
MSVOA_W
ClientSampleId :

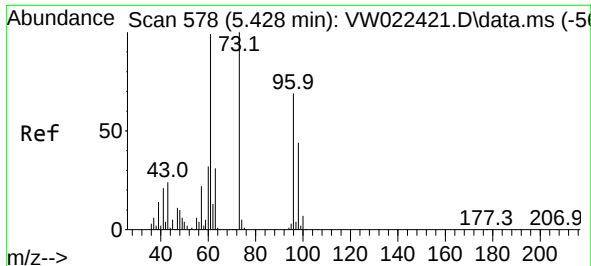
Tgt Ion: 43 Resp: 53690
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7



#16
Methylene chloride
Concen: 23.624 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 84 Resp: 101972
Ion Ratio Lower Upper
84 100
86 61.1 42.8 79.4
49 134.6 94.2 175.0

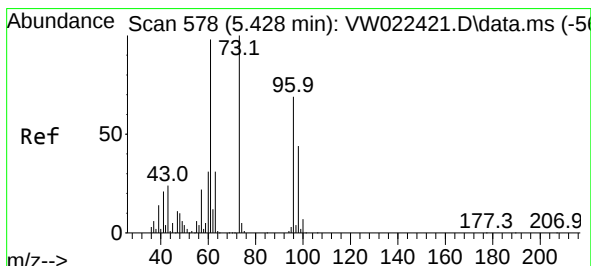
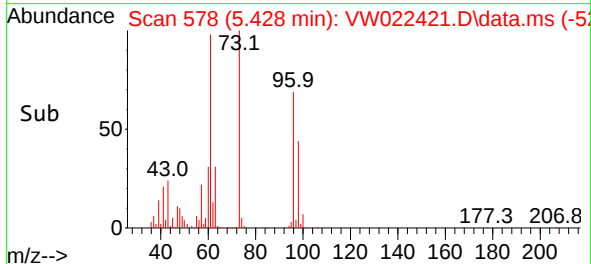
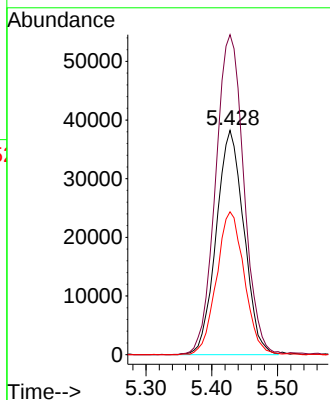
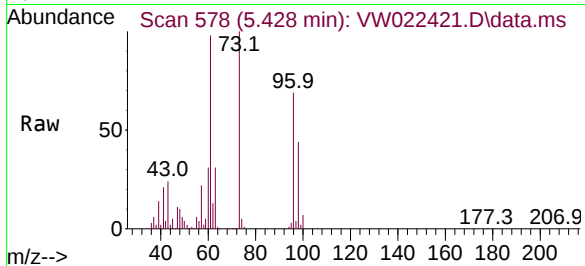




#17
trans-1,2-Dichloroethene
Concen: 24.798 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

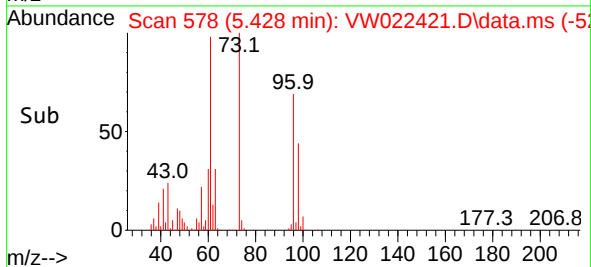
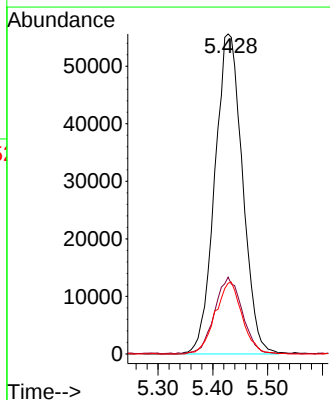
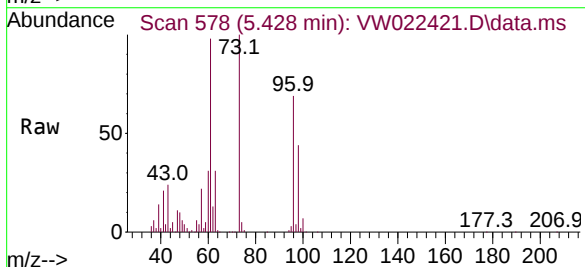
Instrument :
MSVOA_W
ClientSampleId :

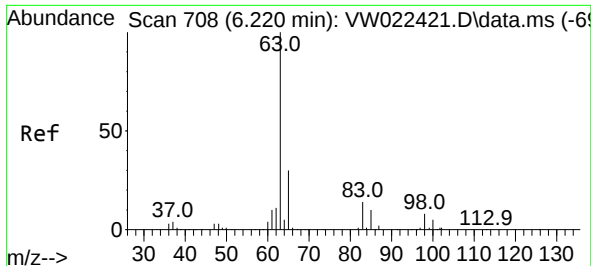
Tgt Ion: 96 Resp: 112035
Ion Ratio Lower Upper
96 100
61 142.6 99.8 185.4
98 63.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.395 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 73 Resp: 195045
Ion Ratio Lower Upper
73 100
43 23.5 18.8 28.2
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.785 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

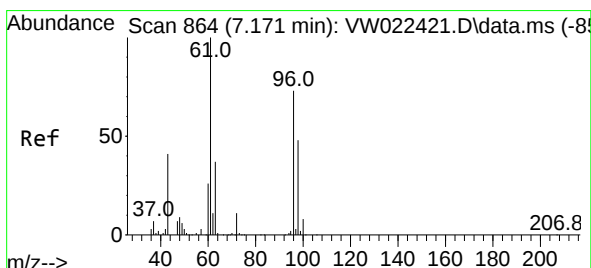
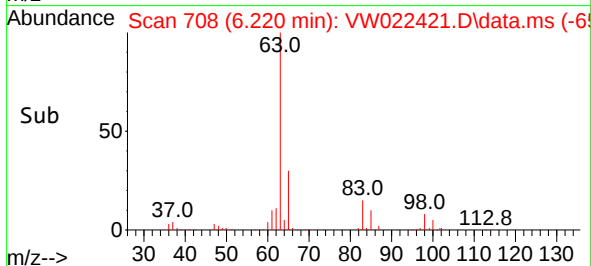
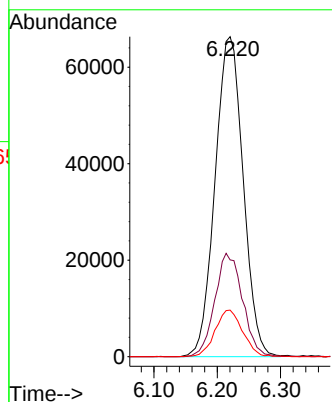
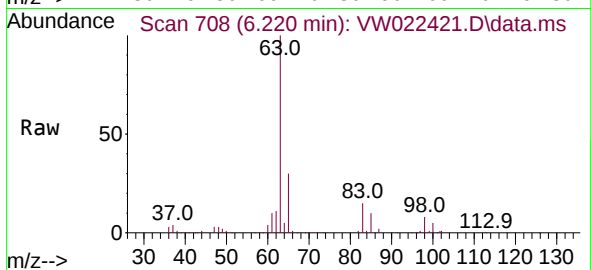
Tgt Ion: 63 Resp: 204612

Ion Ratio Lower Upper

63 100

65 30.2 21.1 39.3

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.673 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

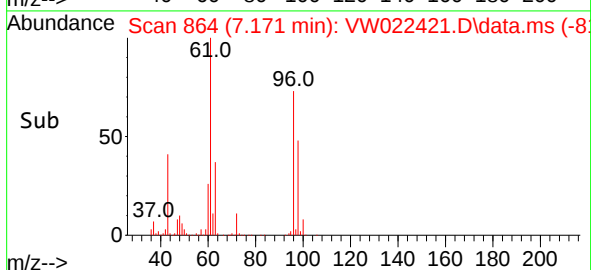
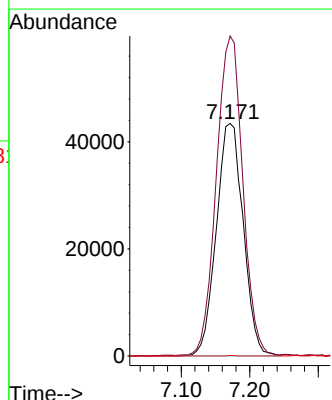
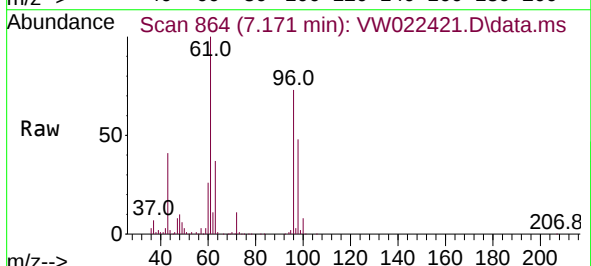
Tgt Ion: 96 Resp: 118226

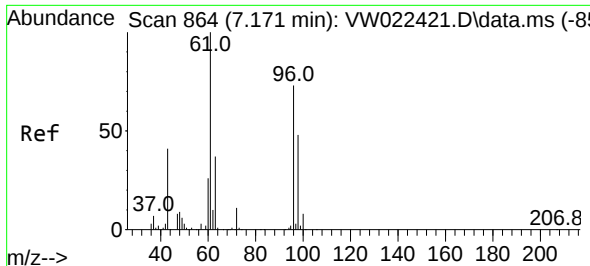
Ion Ratio Lower Upper

96 100

61 137.7 96.4 179.0

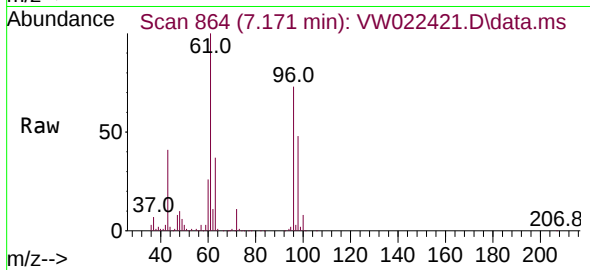
68 0.2 0.1 0.3



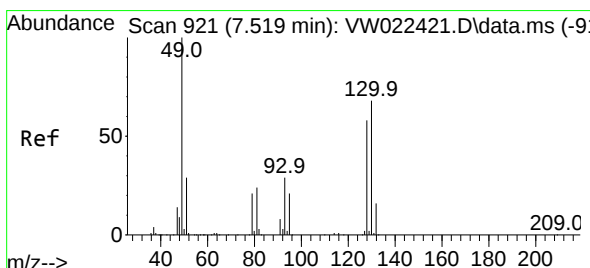
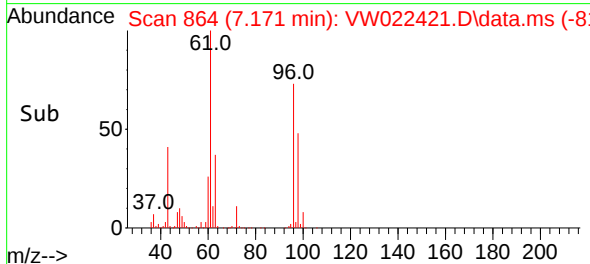
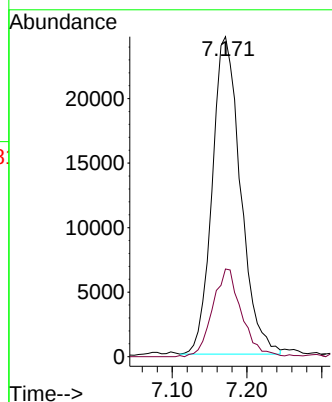


#22
2-Butanone
Concen: 57.155 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Instrument :
MSVOA_W
ClientSampleId :

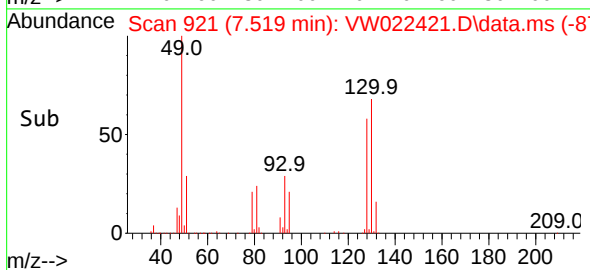
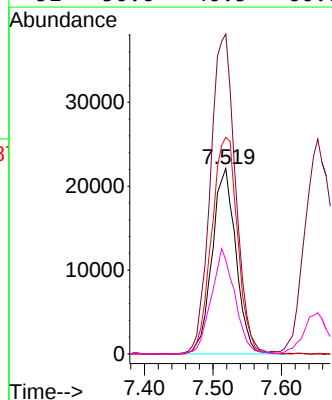
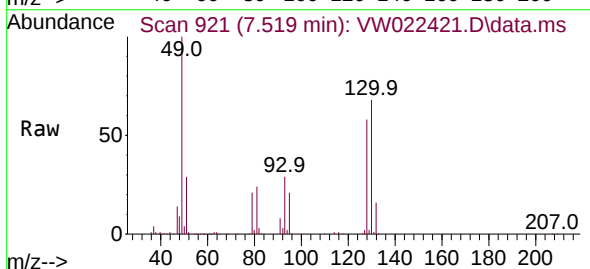


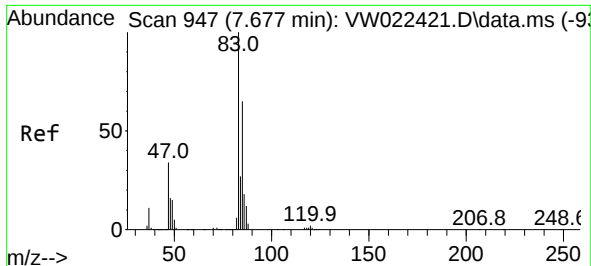
Tgt Ion: 43 Resp: 65071
Ion Ratio Lower Upper
43 100
72 28.0 14.0 42.0



#23
Bromochloromethane
Concen: 25.756 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 128 Resp: 52969
Ion Ratio Lower Upper
128 100
49 172.5 120.8 224.3
130 116.8 81.8 151.8
51 50.6 40.5 60.7

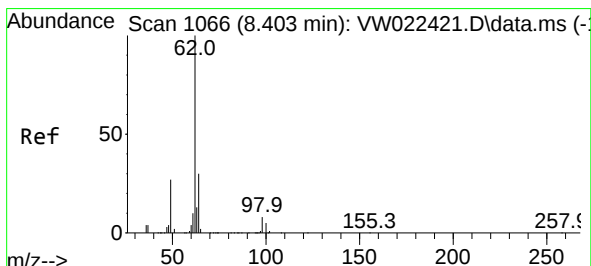
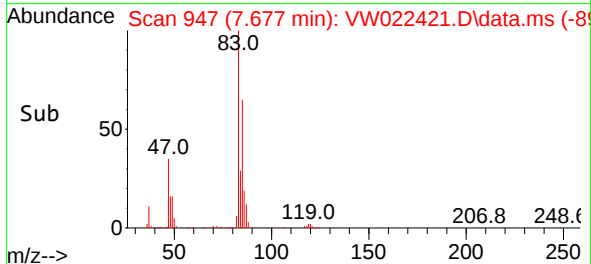
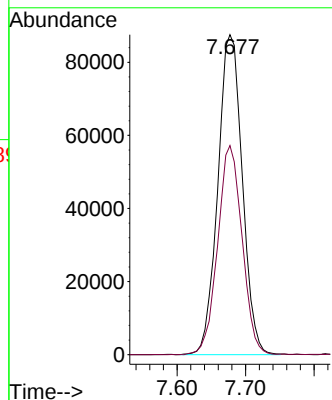
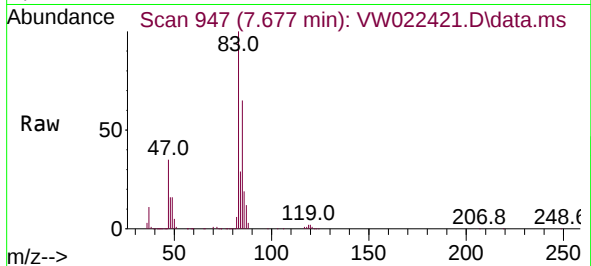




#25
Chloroform
Concen: 24.932 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

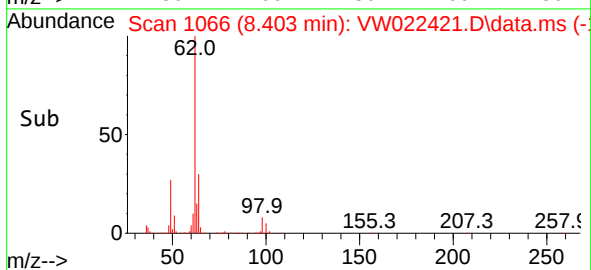
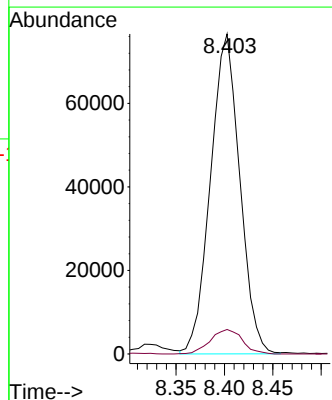
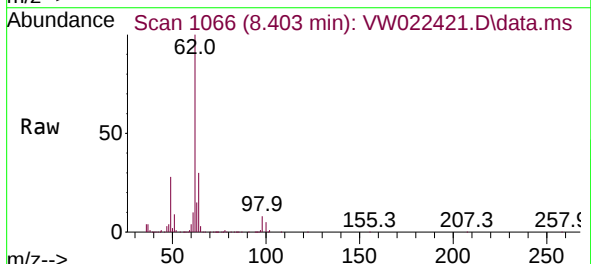
Instrument :
MSVOA_W
ClientSampleId :

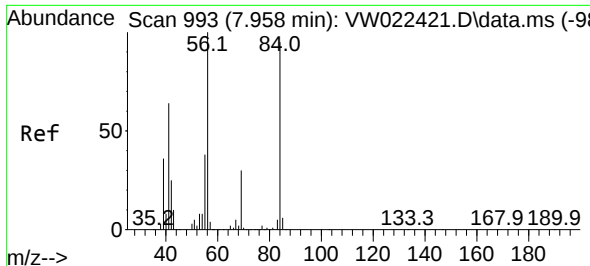
Tgt Ion: 83 Resp: 216789
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 26.399 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

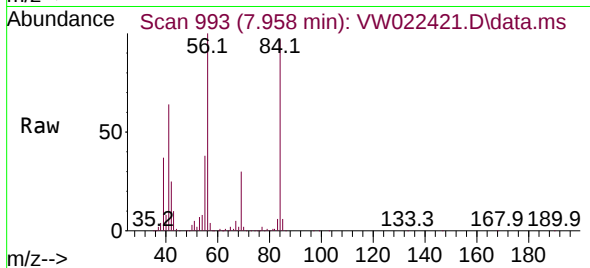
Tgt Ion: 62 Resp: 161336
Ion Ratio Lower Upper
62 100
98 7.7 6.2 9.2



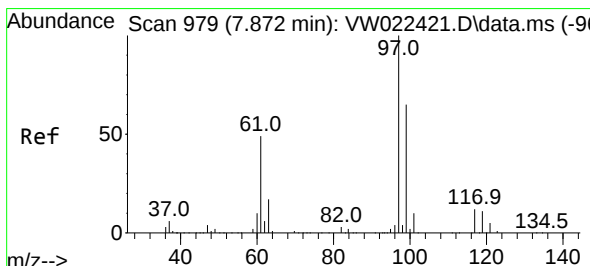
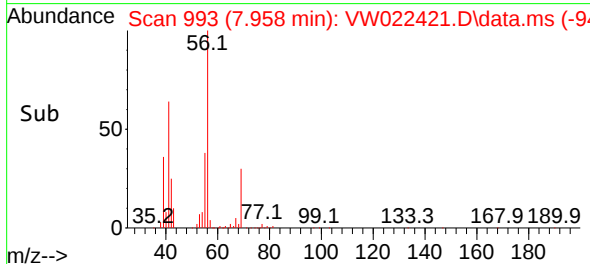
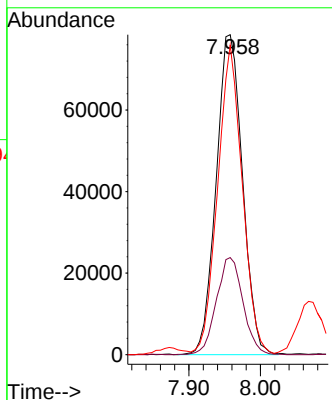


#29
Cyclohexane
Concen: 24.701 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Instrument :
MSVOA_W
ClientSampleId :

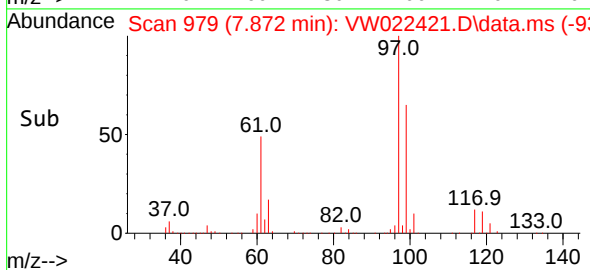
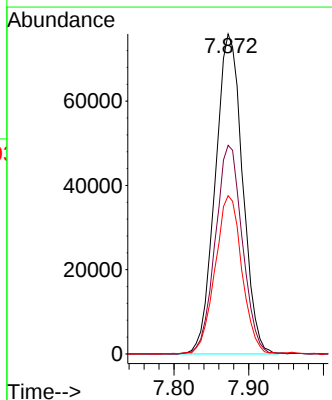
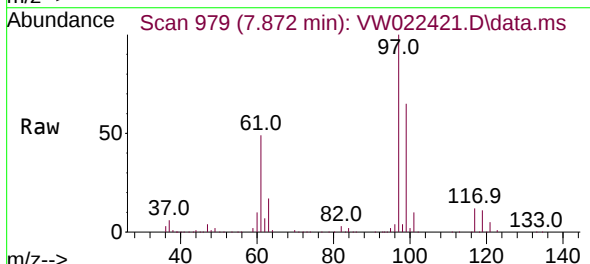


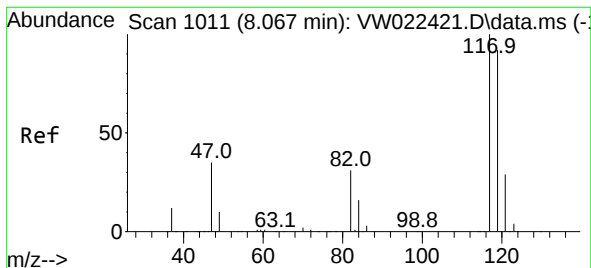
Tgt Ion: 56 Resp: 200905
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 90.7 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 24.447 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion: 97 Resp: 192715
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 48.4 38.7 58.1





#31

Carbon tetrachloride

Concen: 24.423 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

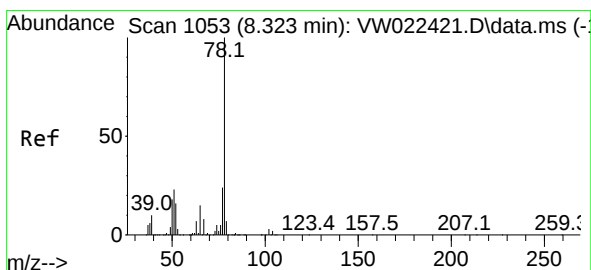
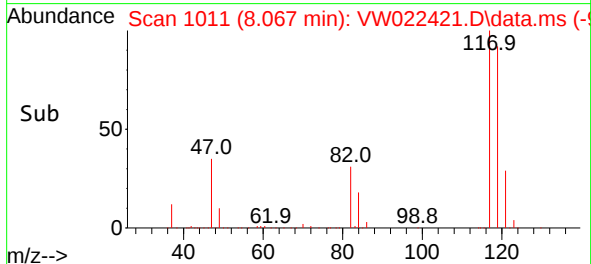
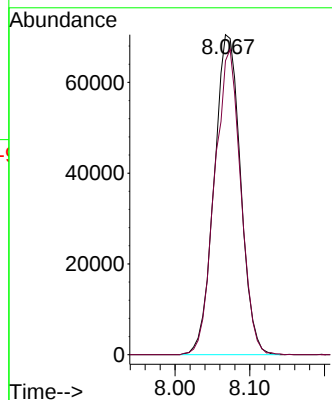
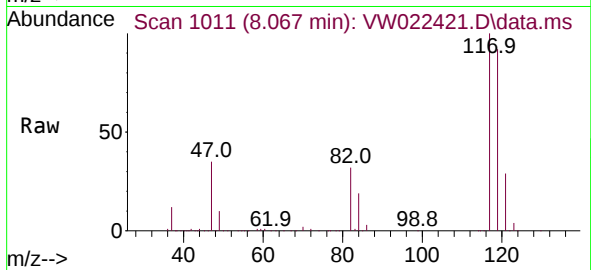
ClientSampleId :

Tgt Ion:117 Resp: 172798

Ion Ratio Lower Upper

117 100

119 94.4 75.5 113.3



#33

Benzene

Concen: 24.963 ug/L

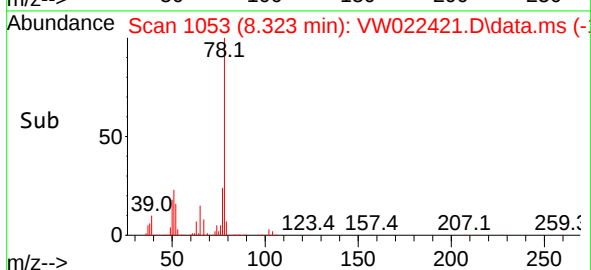
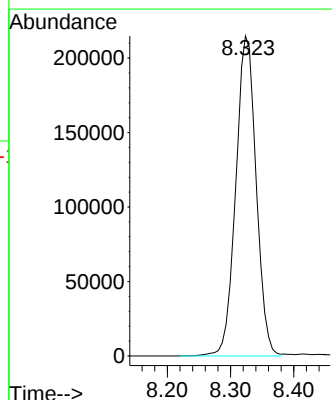
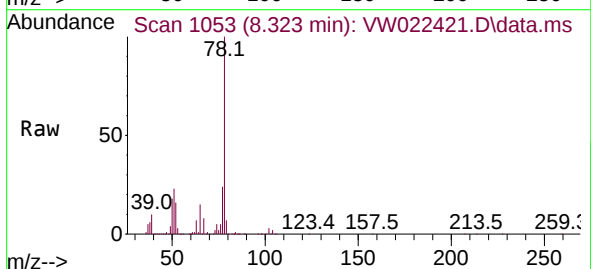
RT: 8.323 min Scan# 1053

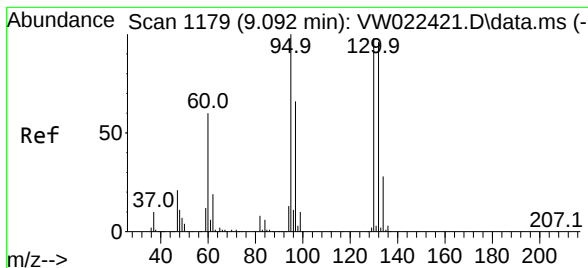
Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Tgt Ion: 78 Resp: 481629





#34

Trichloroethene

Concen: 24.590 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 127032

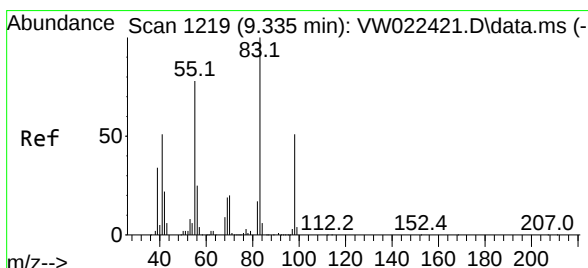
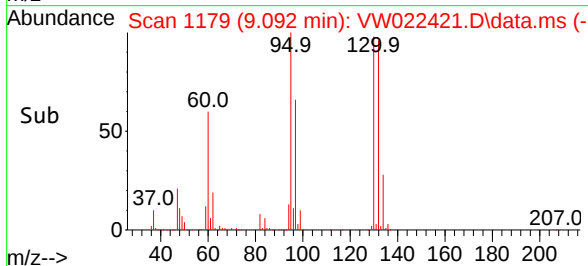
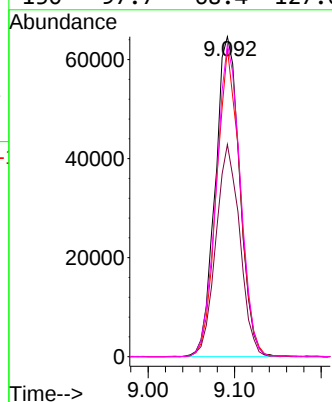
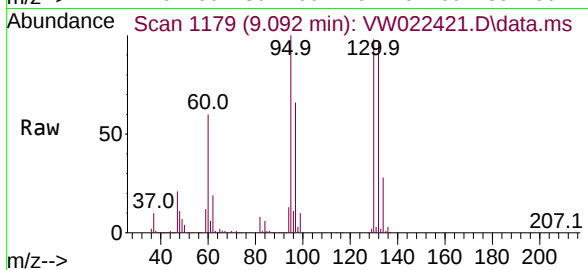
Ion Ratio Lower Upper

95 100

97 66.3 46.4 86.2

132 96.3 67.4 125.2

130 97.7 68.4 127.0



#35

Methylcyclohexane

Concen: 25.018 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

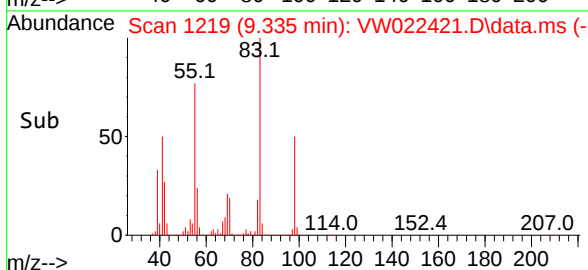
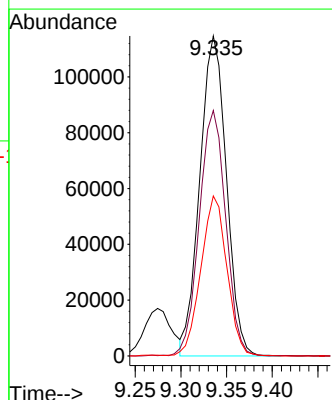
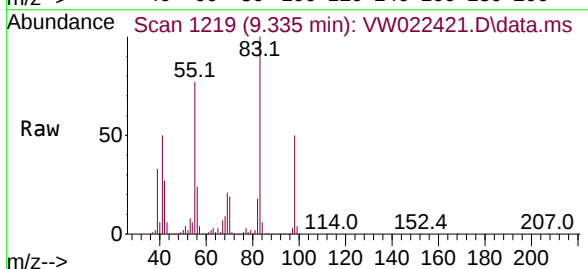
Tgt Ion: 83 Resp: 231883

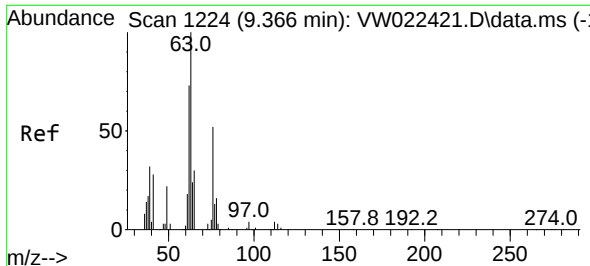
Ion Ratio Lower Upper

83 100

55 76.3 61.0 91.6

98 49.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.773 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

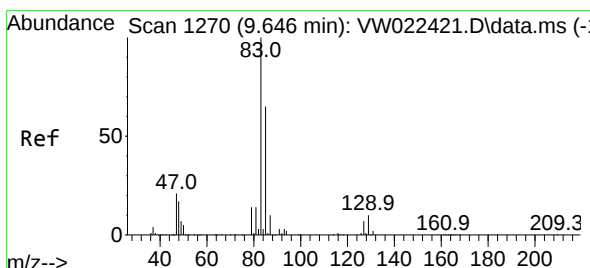
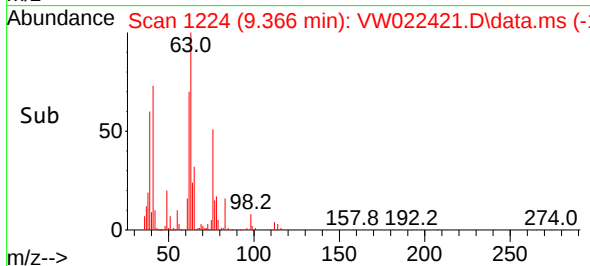
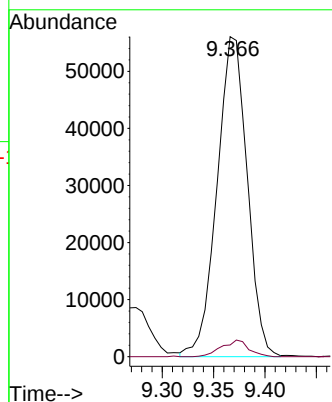
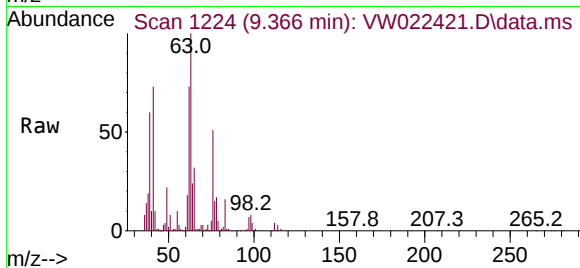
ClientSampleId :

Tgt Ion: 63 Resp: 114502

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 25.143 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

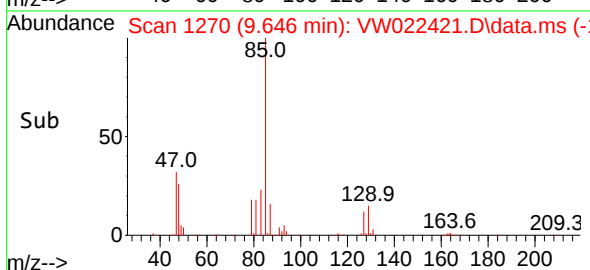
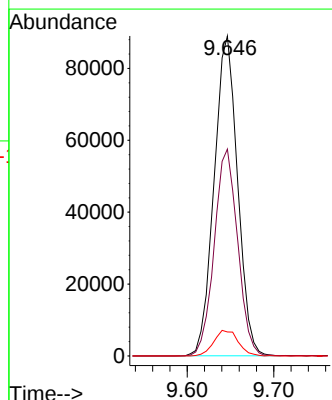
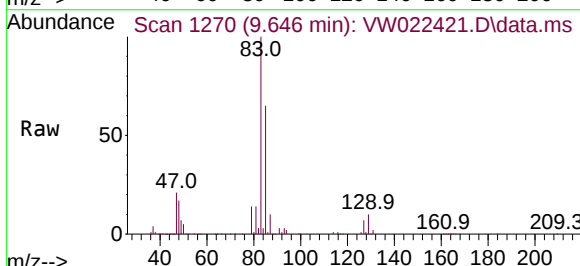
Tgt Ion: 83 Resp: 167122

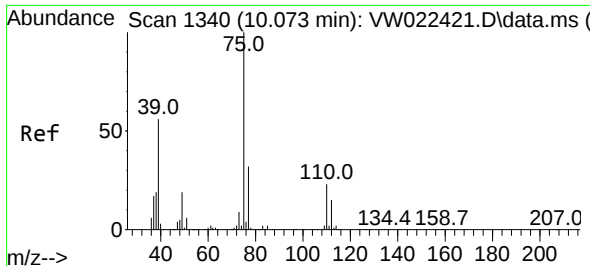
Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

127 7.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.990 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

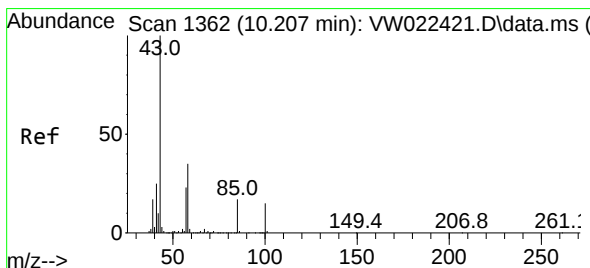
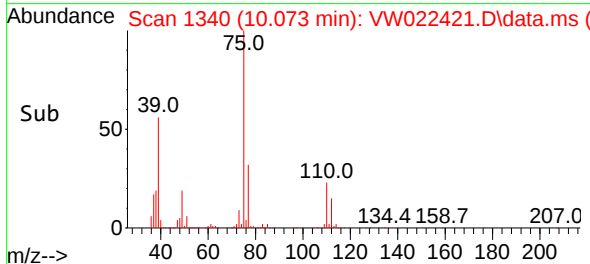
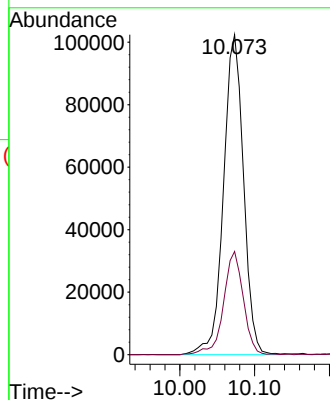
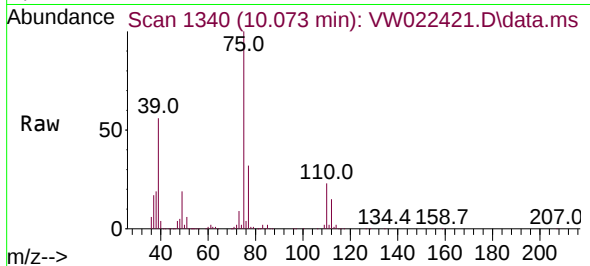
ClientSampleId :

Tgt Ion: 75 Resp: 190626

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 58.405 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

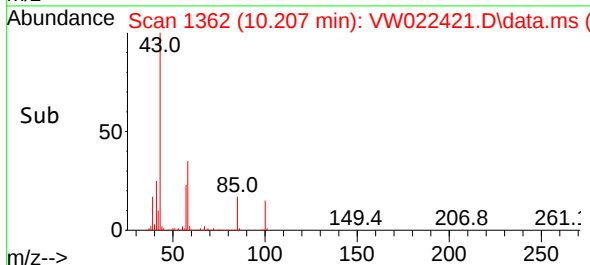
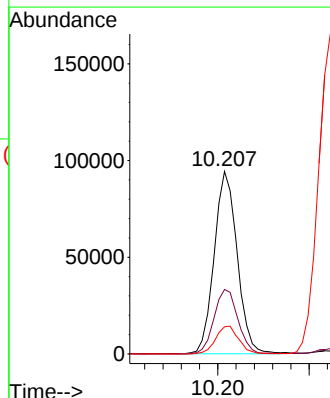
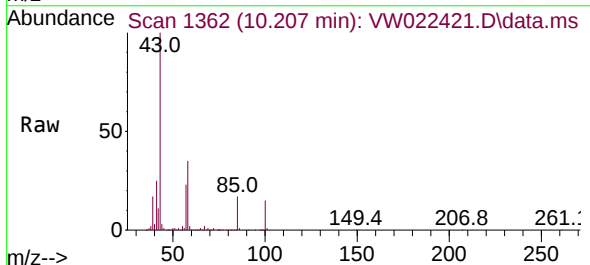
Tgt Ion: 43 Resp: 164747

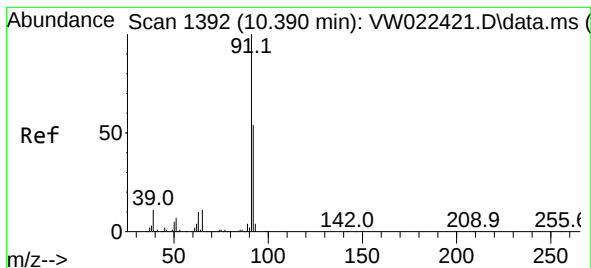
Ion Ratio Lower Upper

43 100

58 36.6 29.3 43.9

100 15.3 12.2 18.4





#42

Toluene

Concen: 25.010 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

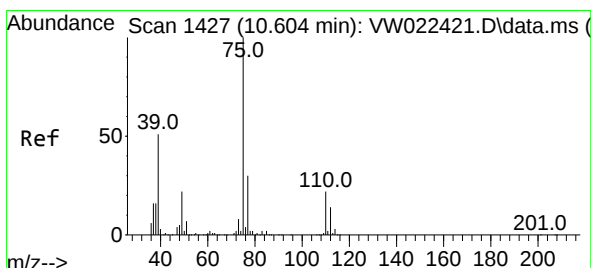
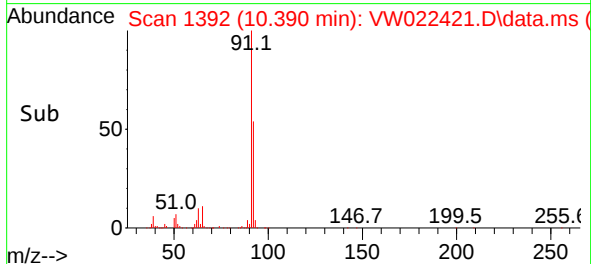
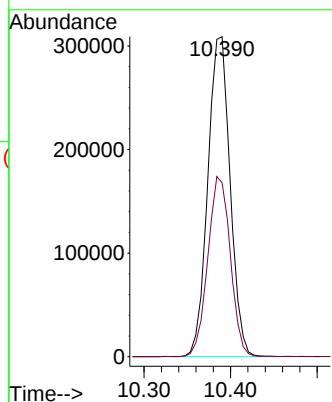
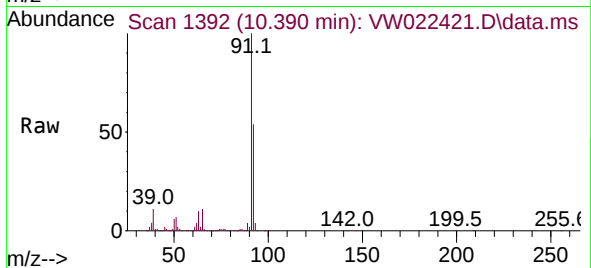
ClientSampleId :

Tgt Ion: 91 Resp: 552926

Ion Ratio Lower Upper

91 100

92 54.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 26.860 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022421.D

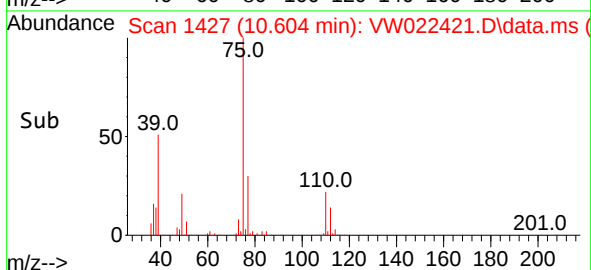
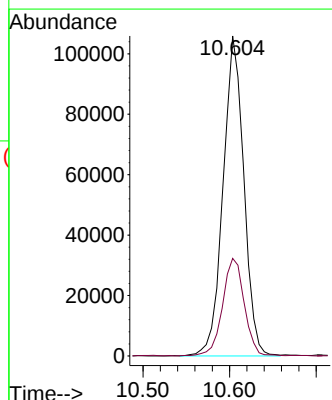
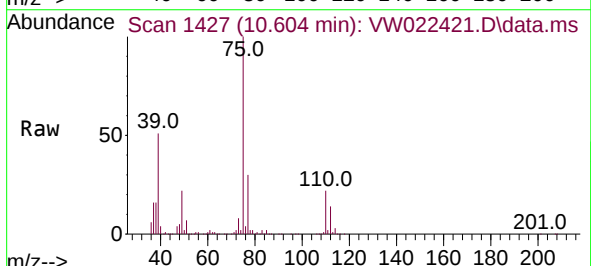
Acq: 07 Apr 2022 09:33

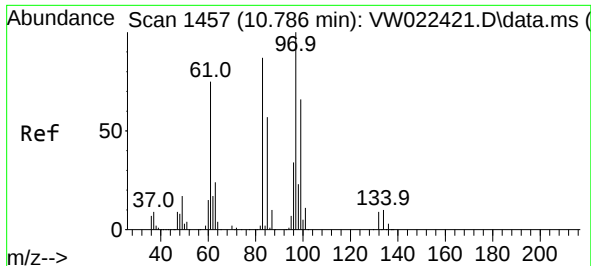
Tgt Ion: 75 Resp: 176398

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.962 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 91584

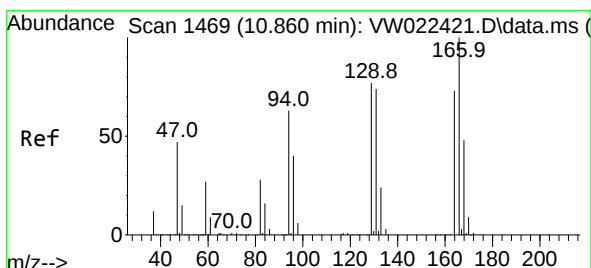
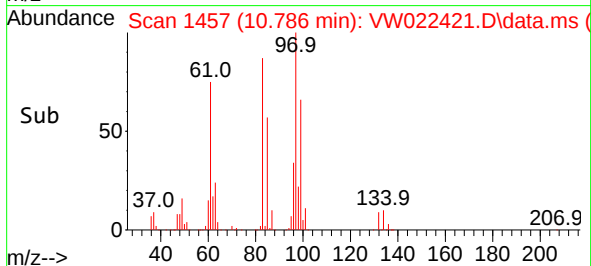
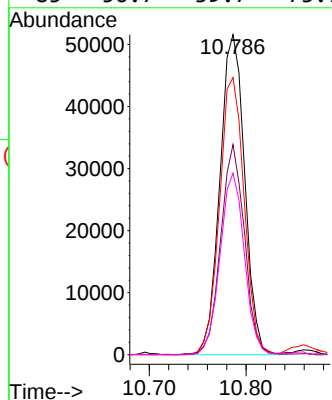
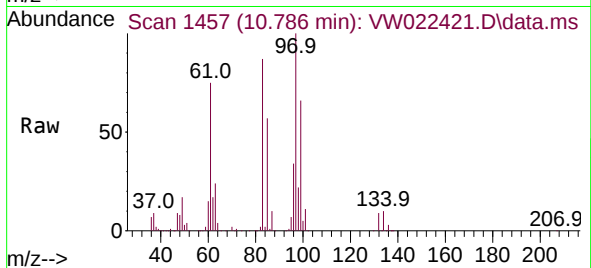
Ion Ratio Lower Upper

97 100

99 65.7 46.0 85.4

83 86.6 60.6 112.6

85 56.7 39.7 73.7



#46

Tetrachloroethene

Concen: 24.706 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Tgt Ion:164 Resp: 93820

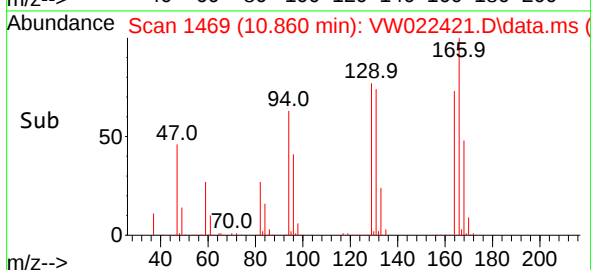
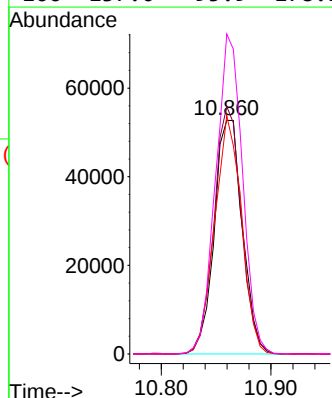
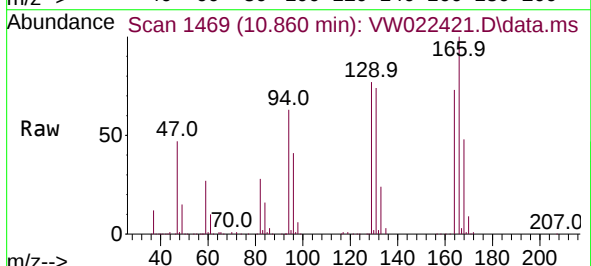
Ion Ratio Lower Upper

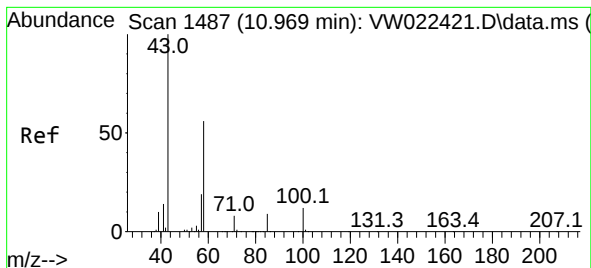
164 100

129 105.9 74.1 137.7

131 102.0 71.4 132.6

166 137.0 95.9 178.1

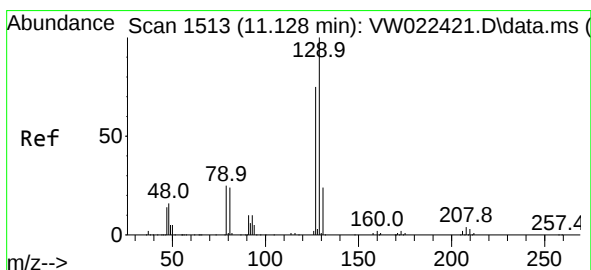
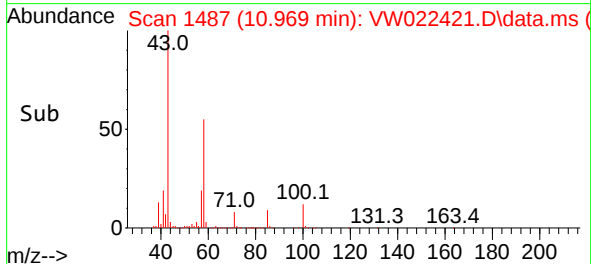
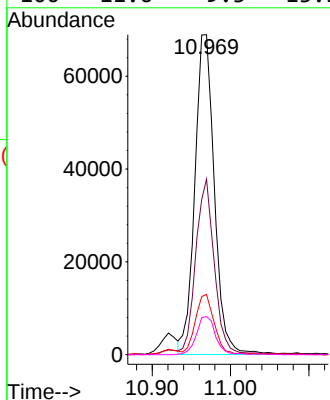
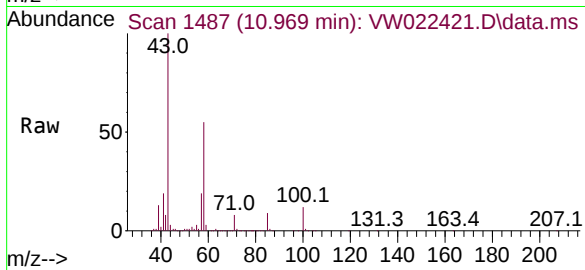




#48
2-Hexanone
Concen: 60.143 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

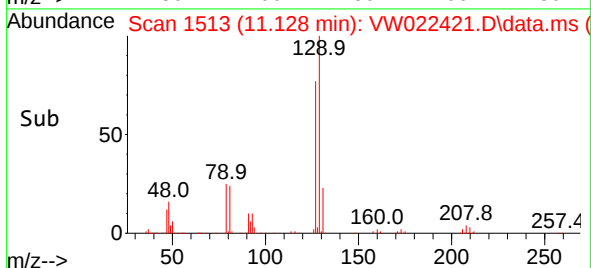
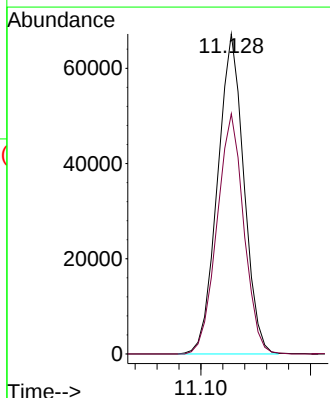
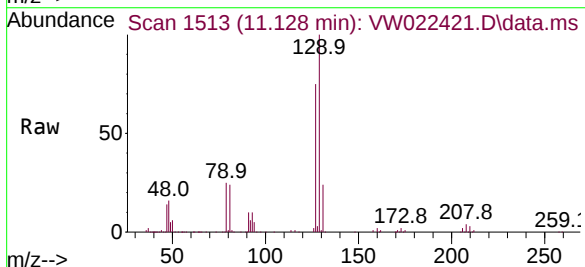
Instrument :
MSVOA_W
ClientSampleId :

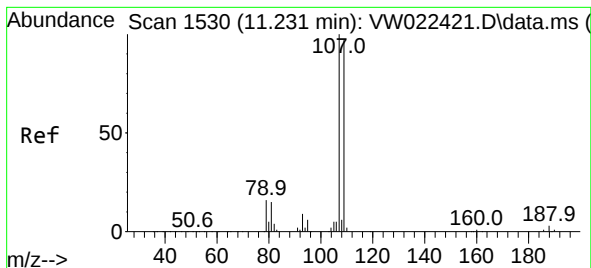
Tgt Ion:	43	Resp:	119840
Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.6	62.4
57	17.9	14.5	21.7
100	11.6	9.3	13.9



#49
Dibromochloromethane
Concen: 26.676 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion:	129	Resp:	112229
Ion	Ratio	Lower	Upper
129	100		
127	75.1	52.6	97.6

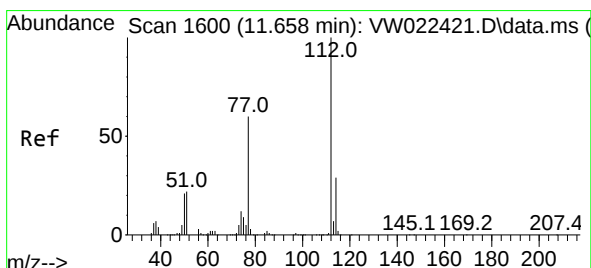
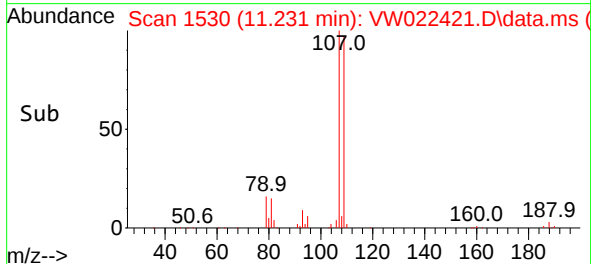
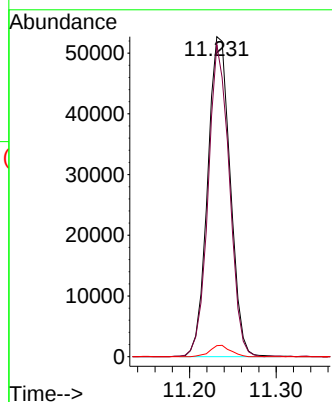
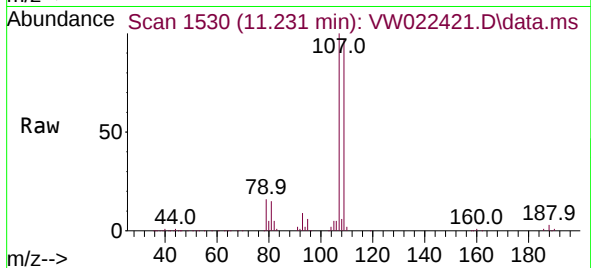




#50
1,2-Dibromoethane
Concen: 27.449 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

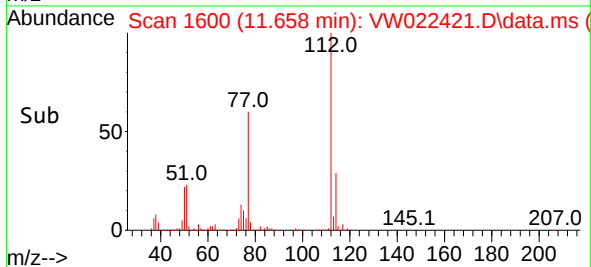
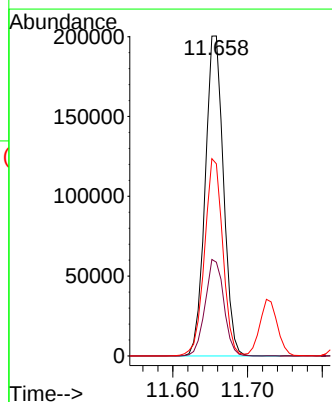
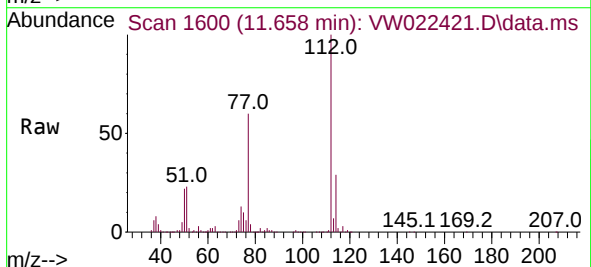
Instrument :
MSVOA_W
ClientSampleId :

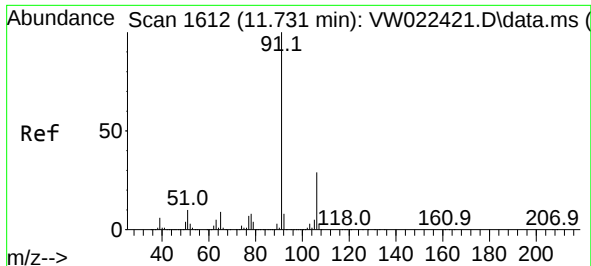
Tgt Ion:107 Resp: 95614
Ion Ratio Lower Upper
107 100
109 97.4 68.2 126.6
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 25.238 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion:112 Resp: 340969
Ion Ratio Lower Upper
112 100
114 29.3 20.5 38.1
77 60.1 48.1 72.1

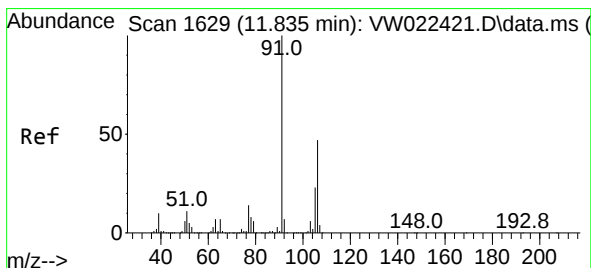
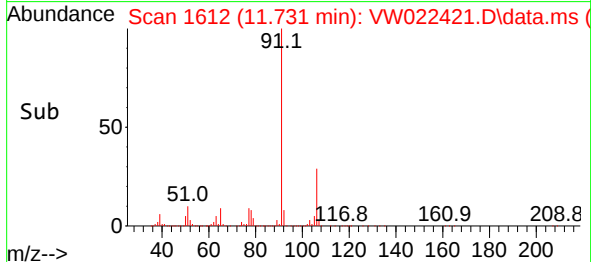
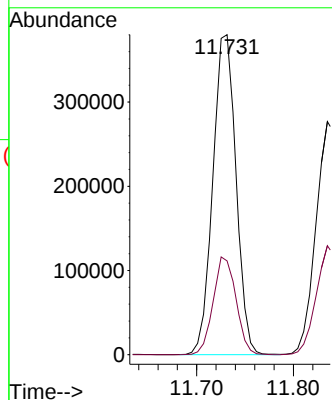
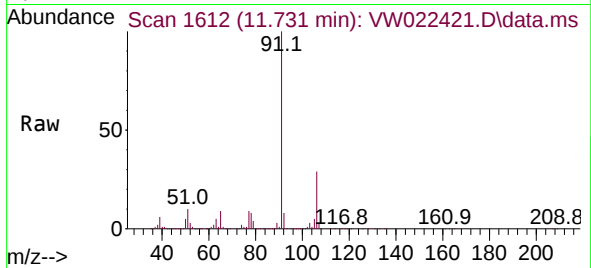




#52
Ethylbenzene
Concen: 25.532 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

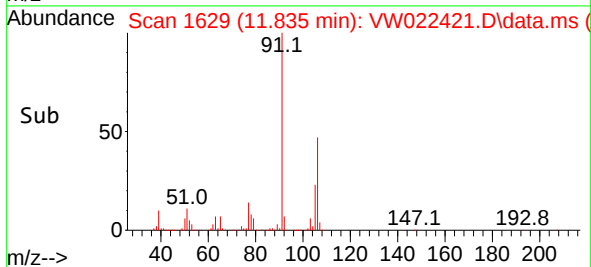
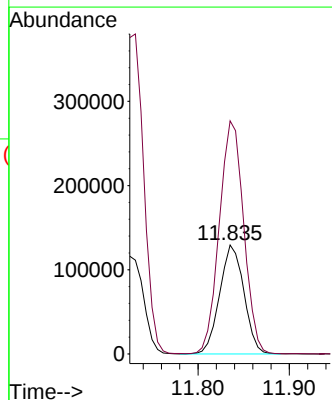
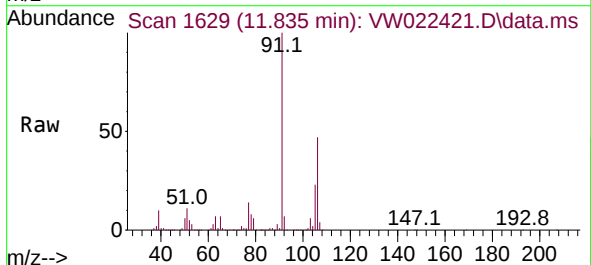
Instrument :
MSVOA_W
ClientSampleId :

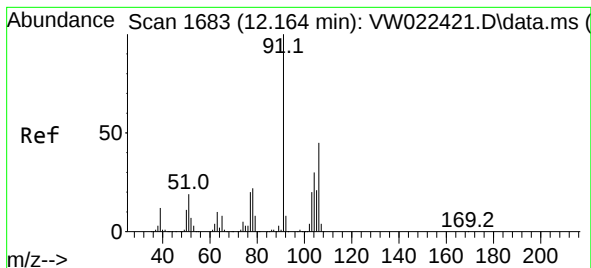
Tgt Ion: 91 Resp: 632662
Ion Ratio Lower Upper
91 100
106 29.3 20.5 38.1



#53
m,p-Xylene
Concen: 25.338 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

Tgt Ion:106 Resp: 238744
Ion Ratio Lower Upper
106 100
91 214.2 149.9 278.5





#54

o-Xylene

Concen: 25.460 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

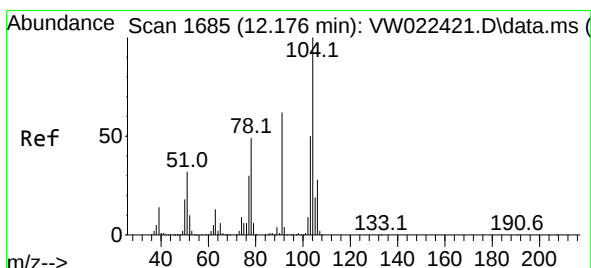
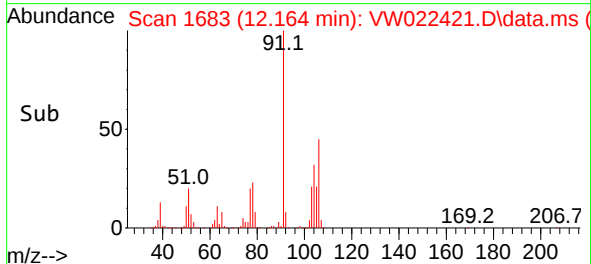
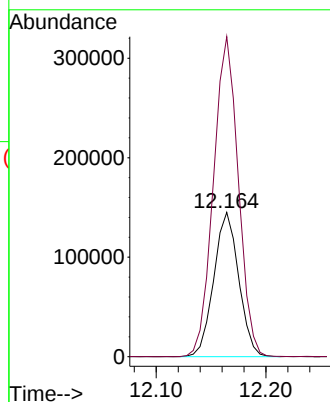
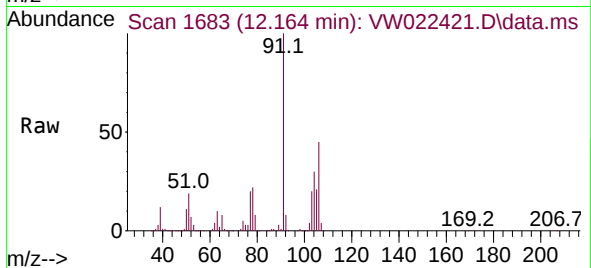
ClientSampleId :

Tgt Ion:106 Resp: 229247

Ion Ratio Lower Upper

106 100

91 221.8 155.3 288.3



#55

Styrene

Concen: 25.710 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022421.D

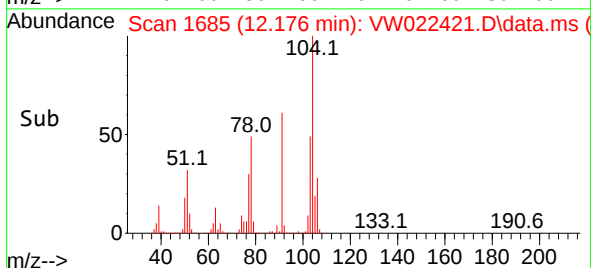
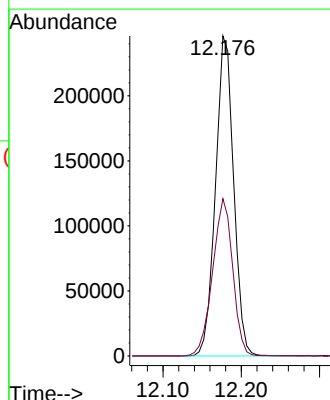
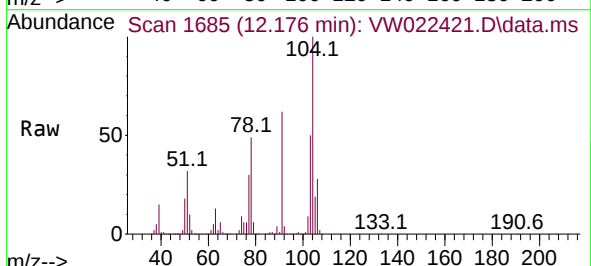
Acq: 07 Apr 2022 09:33

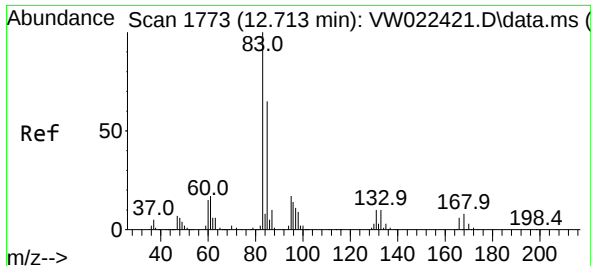
Tgt Ion:104 Resp: 395753

Ion Ratio Lower Upper

104 100

78 49.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.500 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

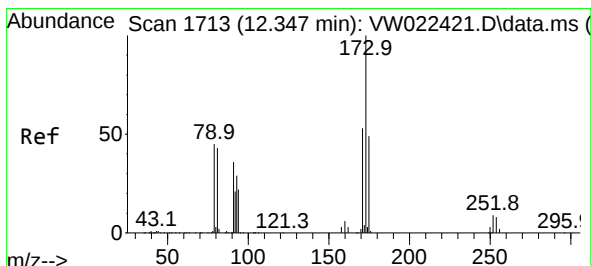
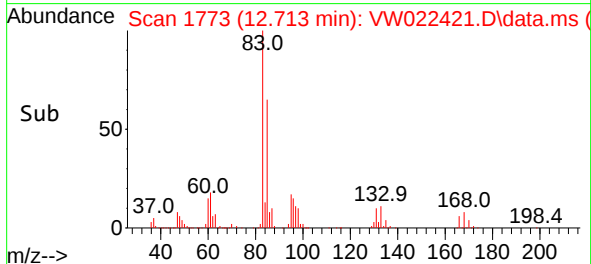
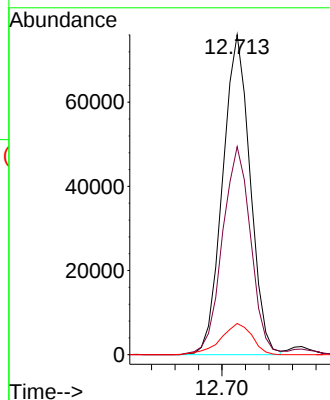
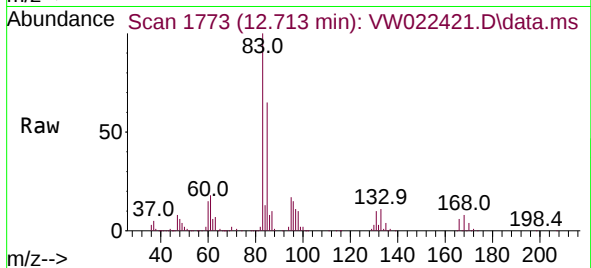
Tgt Ion: 83 Resp: 123396

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

131 9.8 7.8 11.8



#59

Bromoform

Concen: 26.954 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

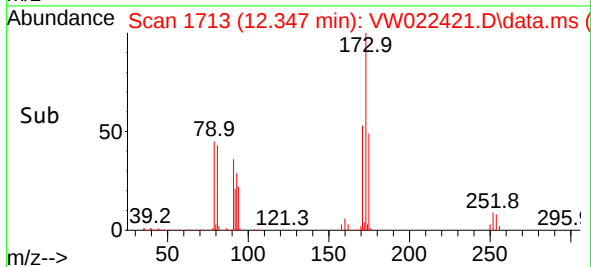
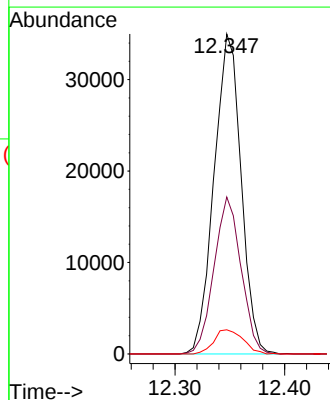
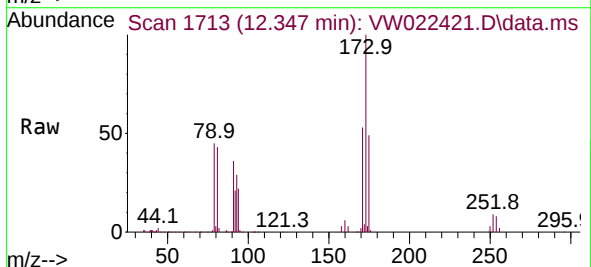
Tgt Ion:173 Resp: 59975

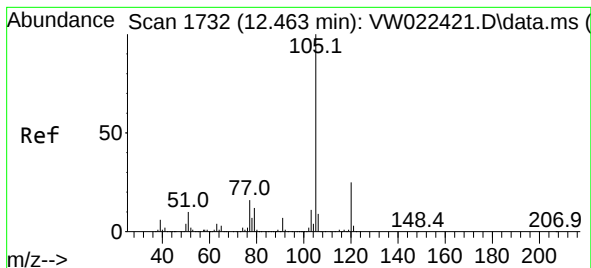
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

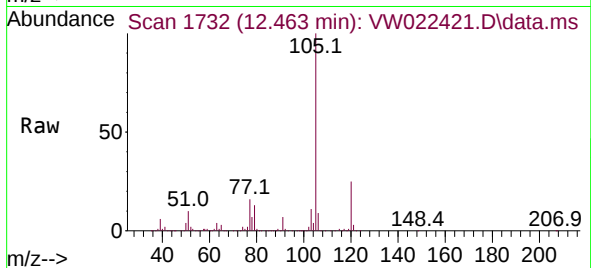
254 8.2 6.6 9.8



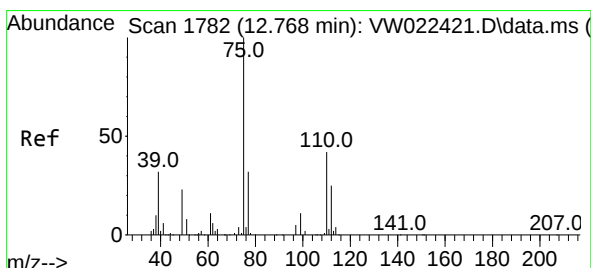
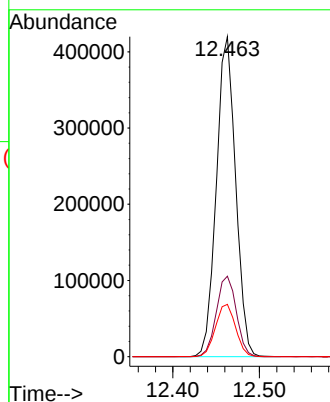
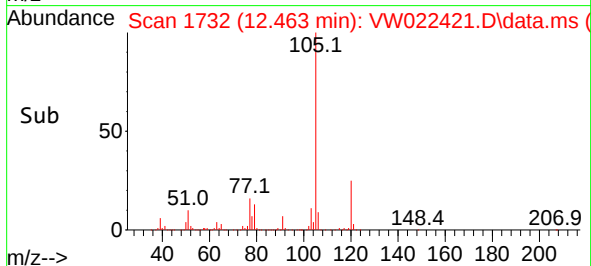


#60
Isopropylbenzene
Concen: 26.083 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33

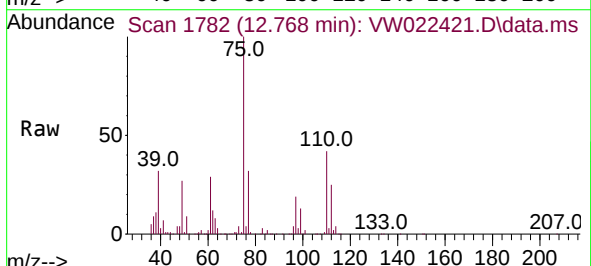
Instrument :
MSVOA_W
ClientSampleId :



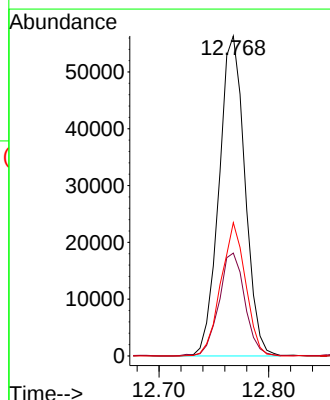
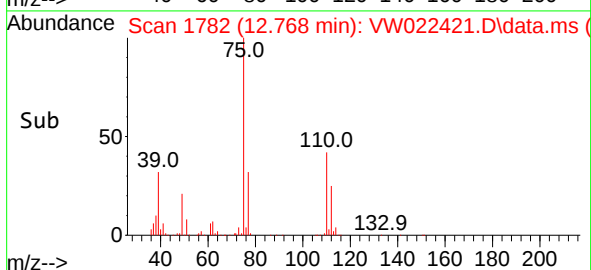
Tgt Ion:105 Resp: 648786
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 17.1 13.7 20.5

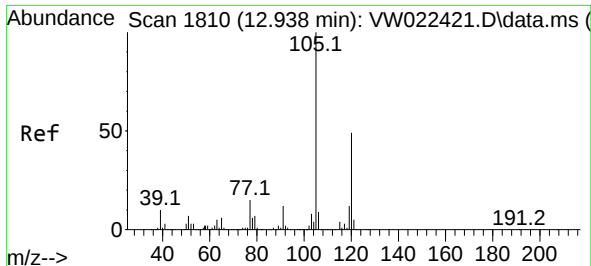


#61
1,2,3-Trichloropropane
Concen: 29.022 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022421.D
Acq: 07 Apr 2022 09:33



Tgt Ion: 75 Resp: 92444
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 26.170 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

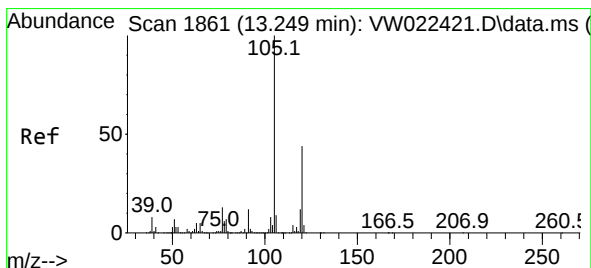
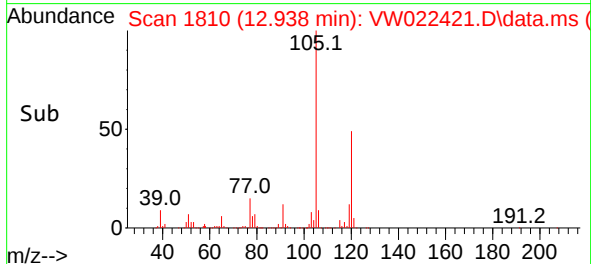
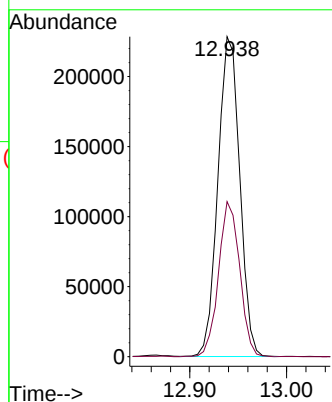
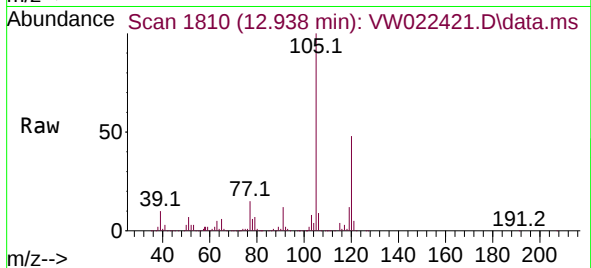
ClientSampleId :

Tgt Ion:105 Resp: 358001

Ion Ratio Lower Upper

105 100

120 46.9 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 26.106 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022421.D

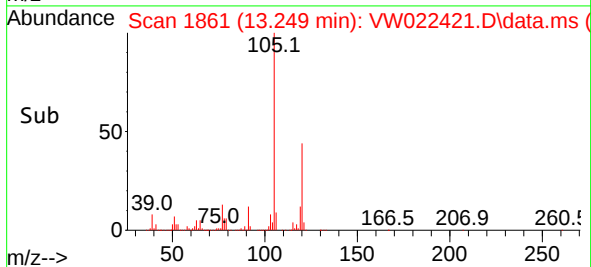
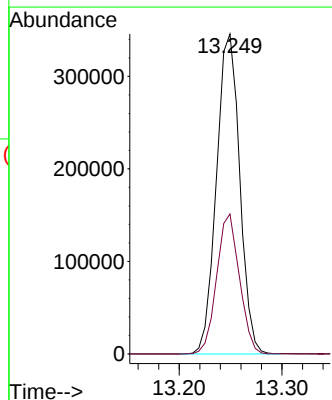
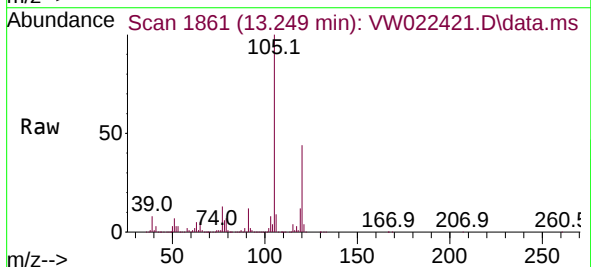
Acq: 07 Apr 2022 09:33

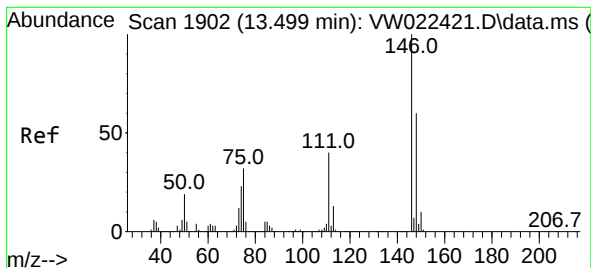
Tgt Ion:105 Resp: 543062

Ion Ratio Lower Upper

105 100

120 42.7 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 26.548 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

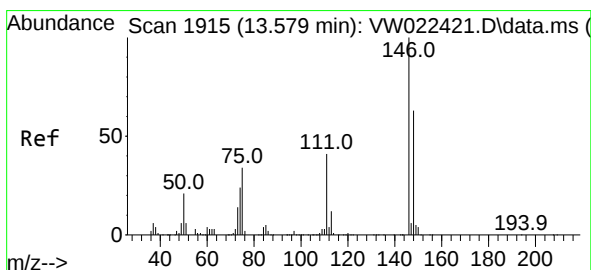
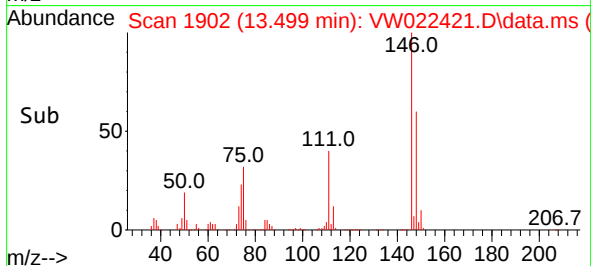
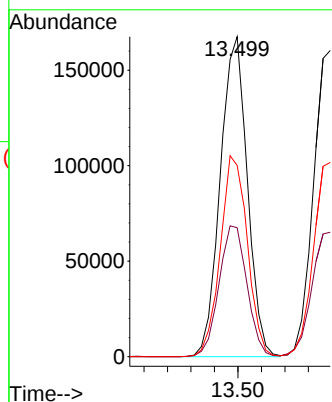
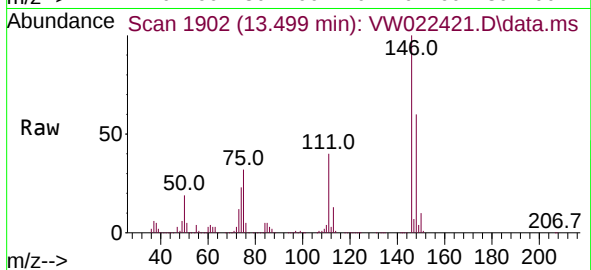
Tgt Ion:146 Resp: 268005

Ion Ratio Lower Upper

146 100

111 40.3 28.2 52.4

148 59.8 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 25.549 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

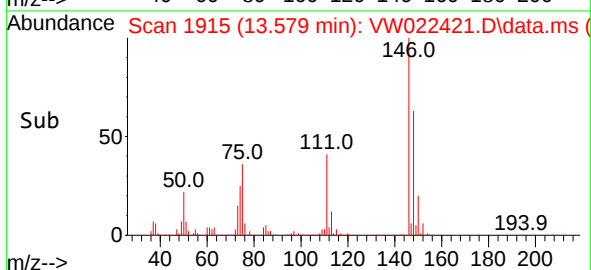
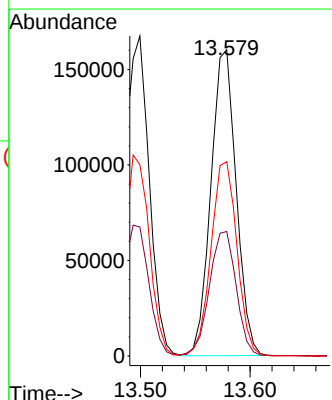
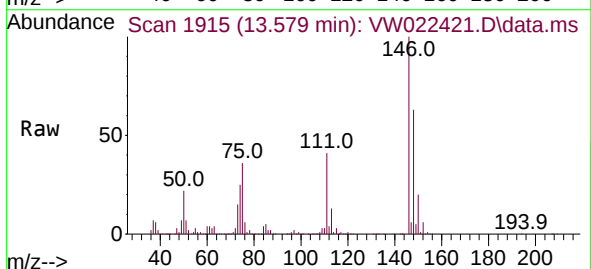
Tgt Ion:146 Resp: 257228

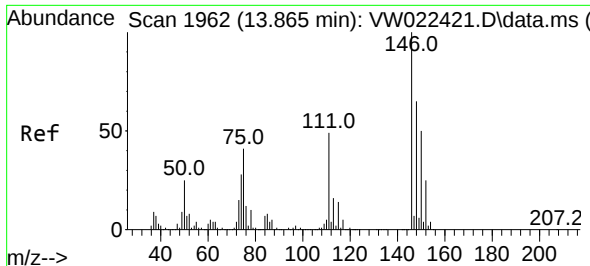
Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.885 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

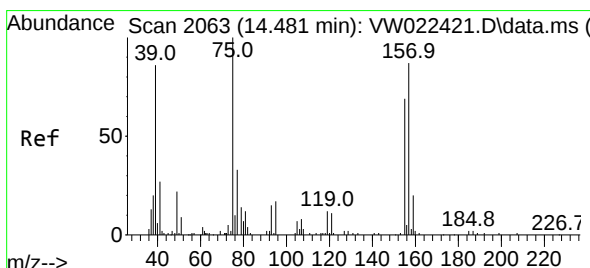
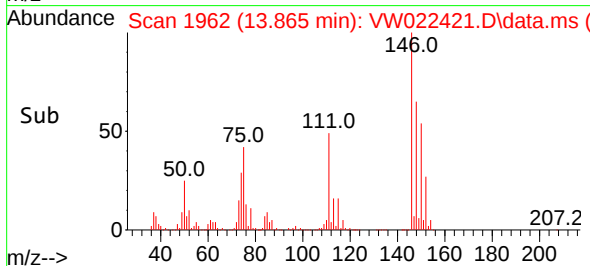
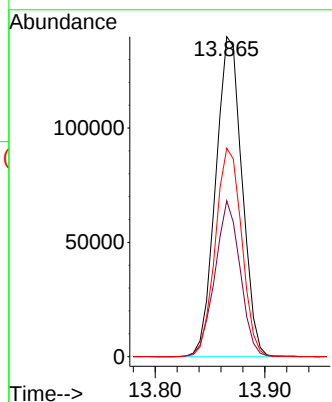
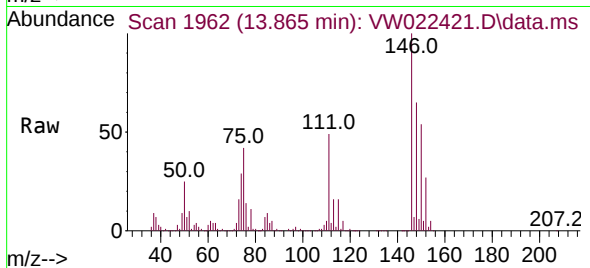
Tgt Ion:146 Resp: 233700

Ion Ratio Lower Upper

146 100

111 48.7 39.0 58.4

148 65.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 29.711 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

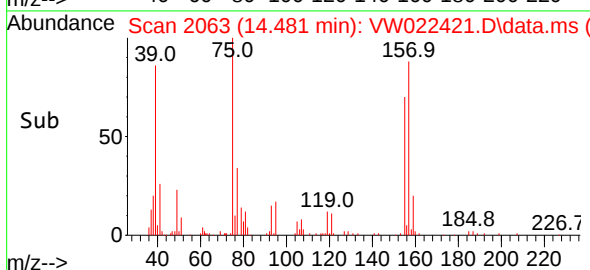
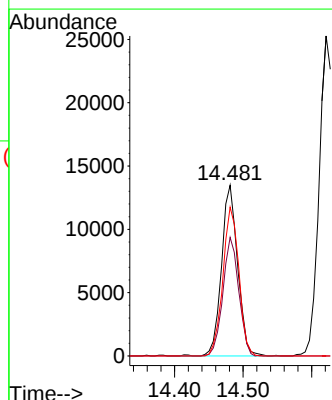
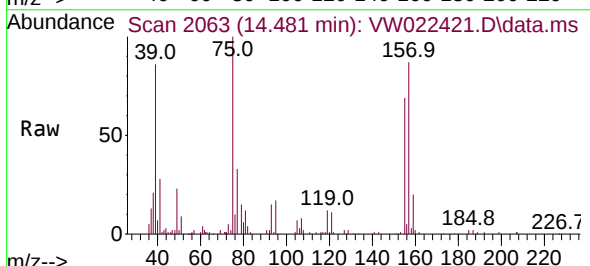
Tgt Ion: 75 Resp: 21949

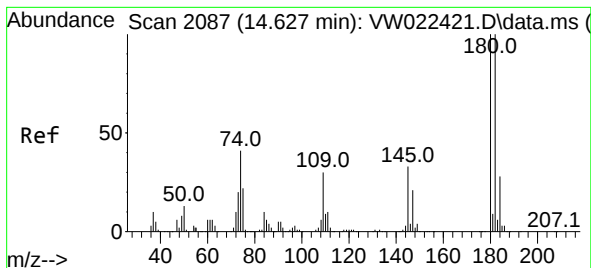
Ion Ratio Lower Upper

75 100

155 69.5 55.6 83.4

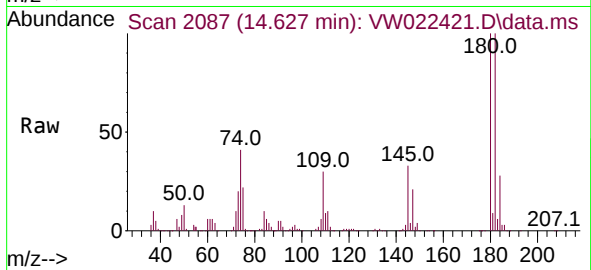
157 87.2 69.8 104.6



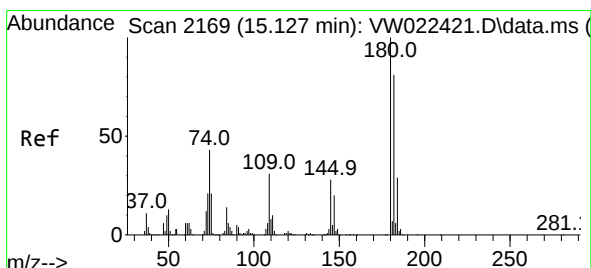
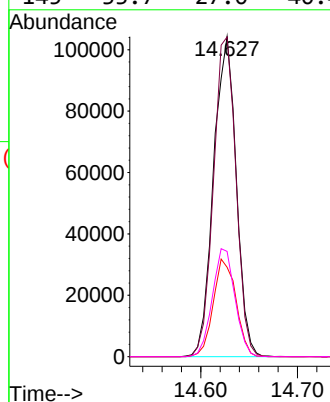
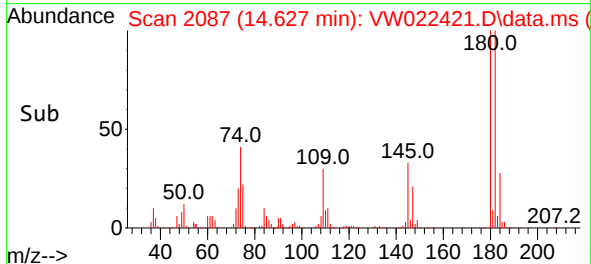


#69
 1,3,5-Trichlorobenzene
 Concen: 25.776 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33

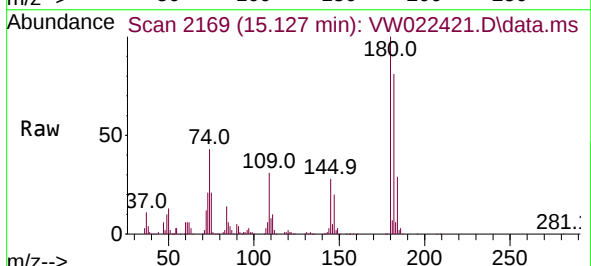
Instrument :
 MSVOA_W
 ClientSampleId :



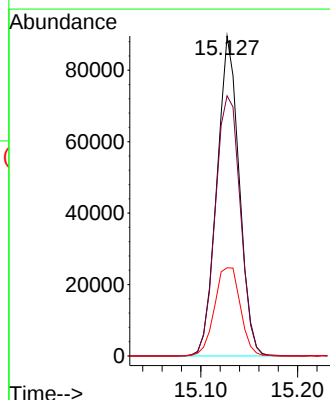
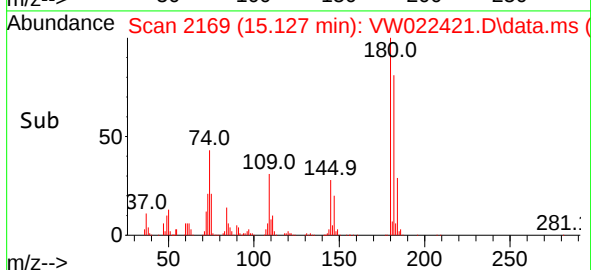
Tgt Ion:180 Resp: 169779
 Ion Ratio Lower Upper
 180 100
 182 98.9 79.1 118.7
 184 30.6 24.5 36.7
 145 33.7 27.0 40.4

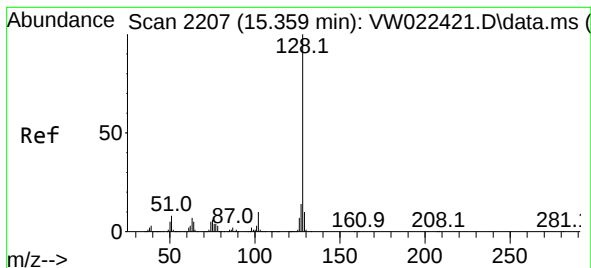


#70
 1,2,4-trichlorobenzene
 Concen: 25.952 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022421.D
 Acq: 07 Apr 2022 09:33



Tgt Ion:180 Resp: 143562
 Ion Ratio Lower Upper
 180 100
 182 91.0 72.8 109.2
 145 31.9 25.5 38.3





#71

Naphthalene

Concen: 28.518 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

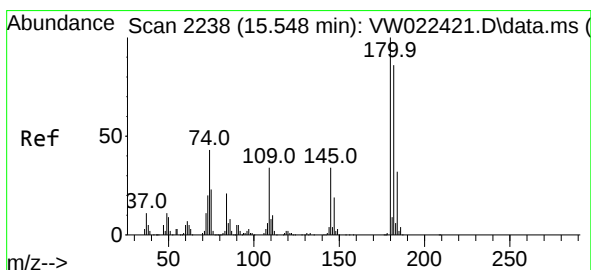
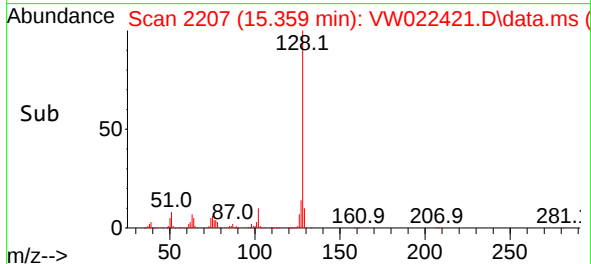
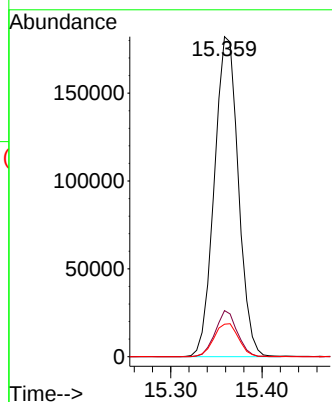
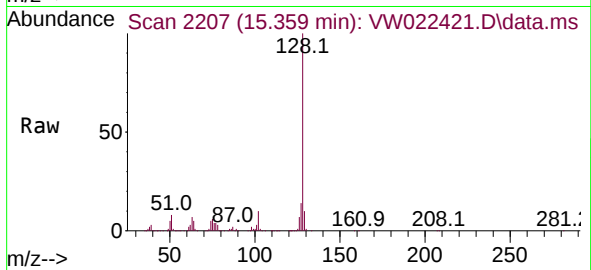
Tgt Ion:128 Resp: 332726

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.529 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022421.D

Acq: 07 Apr 2022 09:33

Tgt Ion:180 Resp: 125436

Ion Ratio Lower Upper

180 100

182 91.7 73.4 110.0

145 33.8 27.0 40.6

