

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041522\
 Data File : VW022563.D
 Acq On : 15 Apr 2022 17:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 15 23:19:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 15 23:17:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	303225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98993	14.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.080%
7) Chloroethane-d5	2.885	69	81450	19.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
11) 1,1-Dichloroethene-d2	4.025	63	157249	18.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.360%
21) 2-Butanone-d5	7.080	46	72692	62.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.220%
24) Chloroform-d	7.653	84	228929	24.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	128505	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.275	84	382557	20.931	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.275	67	122495	23.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	10.323	98	361936	20.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.880%
43) trans-1,3-Dichloroprop...	10.579	79	53280	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.921	63	60754	61.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.480%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135238	30.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	152814	25.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41573	27.969	ug/L	98
3) Chloromethane	2.221	50	73891	19.938	ug/L	100
5) Vinyl chloride	2.361	62	166419	21.521	ug/L	93
6) Bromomethane	2.782	94	108119	23.000	ug/L	99
8) Chloroethane	2.922	64	82139	24.262	ug/L	94
9) Trichlorofluoromethane	3.257	101	70423	24.667	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114883	25.271	ug/L	96
12) 1,1-Dichloroethene	4.044	96	100591	24.638	ug/L	90
13) Acetone	4.123	43	37129	46.596	ug/L	94
14) Carbon disulfide	4.391	76	260590	19.402	ug/L	99
15) Methyl Acetate	4.678	43	47361	23.685	ug/L	93
16) Methylene chloride	4.922	84	117902	25.840	ug/L	92
17) trans-1,2-Dichloroethene	5.434	96	112837	23.593	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	189221	24.225	ug/L #	86
19) 1,1-Dichloroethane	6.220	63	205993	23.605	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	129748	25.686	ug/L #	88
22) 2-Butanone	7.177	43	60248	50.062	ug/L	93
23) Bromochloromethane	7.519	128	55895	25.712	ug/L	90
25) Chloroform	7.677	83	231019	25.134	ug/L	97

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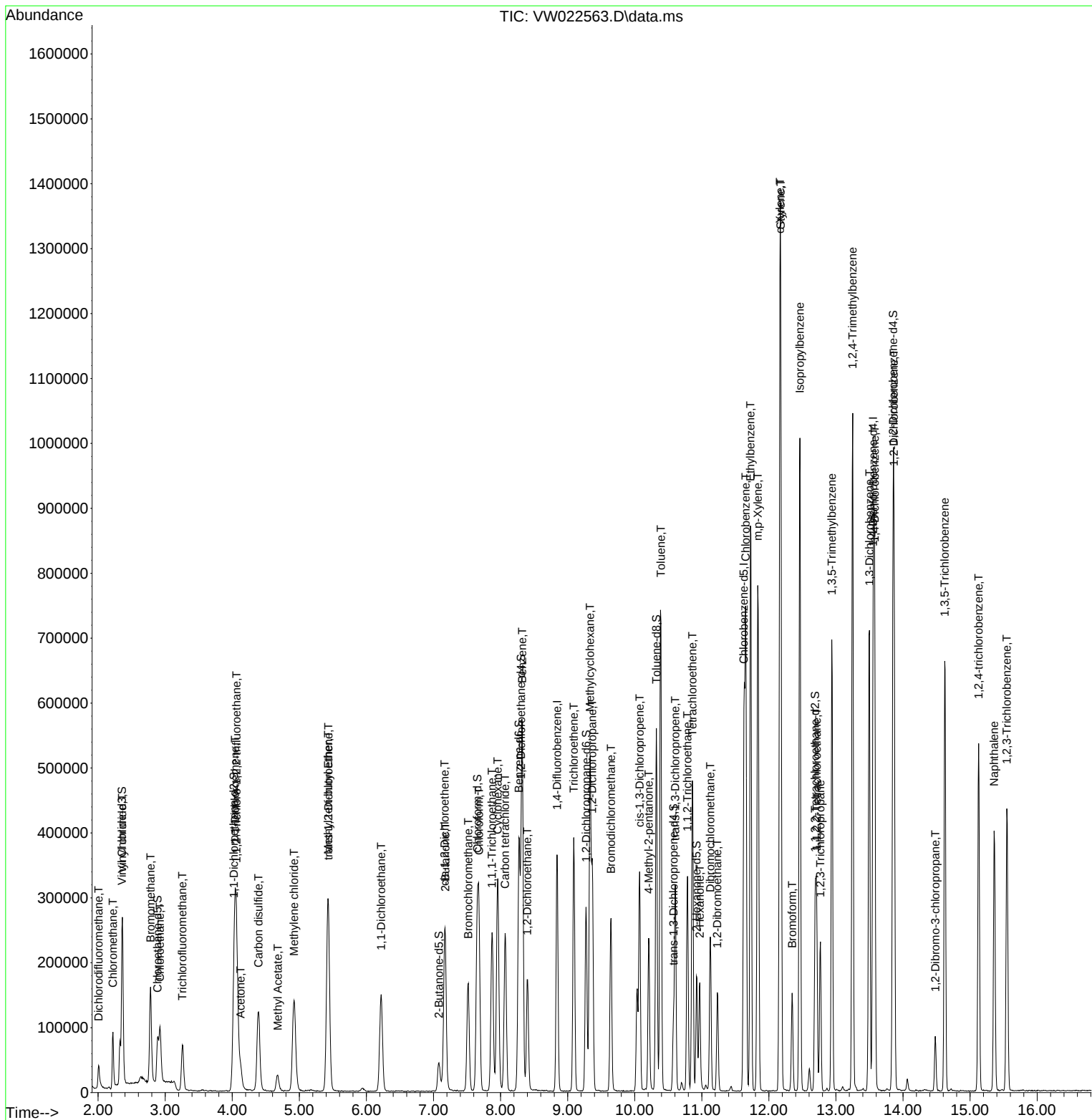
Instrument :
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 ClientSampleId :

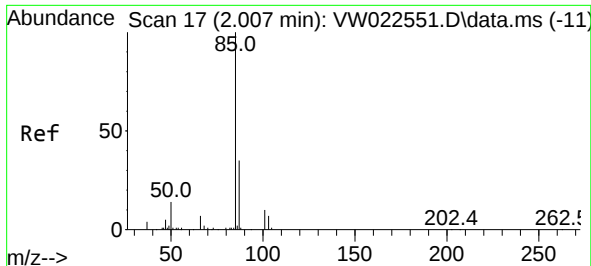
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	158245	24.496	ug/L	97
29) Cyclohexane	7.958	56	179856	21.007	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	193931	23.370	ug/L	98
31) Carbon tetrachloride	8.067	117	173202	23.255	ug/L	96
33) Benzene	8.323	78	477607	23.516	ug/L	100
34) Trichloroethene	9.092	95	129960	23.898	ug/L	96
35) Methylcyclohexane	9.335	83	211924	21.721	ug/L	96
37) 1,2-Dichloropropane	9.366	63	118427	24.340	ug/L	100
38) Bromodichloromethane	9.646	83	169642	24.245	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	186333	24.134	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	149115	50.217	ug/L	97
42) Toluene	10.390	91	551044	23.677	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	165522	23.943	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	98193	26.443	ug/L	94
46) Tetrachloroethene	10.860	164	96577	24.160	ug/L	92
48) 2-Hexanone	10.969	43	104256	49.768	ug/L	98
49) Dibromochloromethane	11.128	129	118304	26.713	ug/L	98
50) 1,2-Dibromoethane	11.231	107	95368	26.009	ug/L	95
51) Chlorobenzene	11.652	112	362847	25.513	ug/L	96
52) Ethylbenzene	11.725	91	620786	23.797	ug/L	96
53) m,p-Xylene	11.835	106	246469	24.848	ug/L	93
54) o-Xylene	12.164	106	239218	25.238	ug/L	96
55) Styrene	12.176	104	414295	25.583	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122873	26.959	ug/L	99
59) Bromoform	12.347	173	59123	23.095	ug/L	100
60) Isopropylbenzene	12.463	105	643237	22.477	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89035	24.295	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	365161	23.202	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	561951	23.480	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	277742	23.913	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	281569	24.308	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	257708	24.810	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19673	23.146	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	188809	24.916	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	151890	23.866	ug/L	98
71) Naphthalene	15.359	128	342630	25.525	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	134777	24.775	ug/L	99

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

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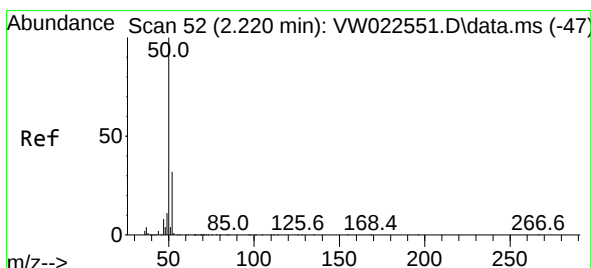
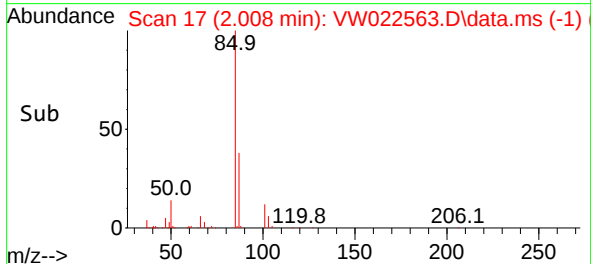
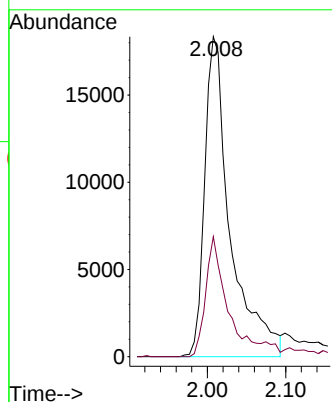
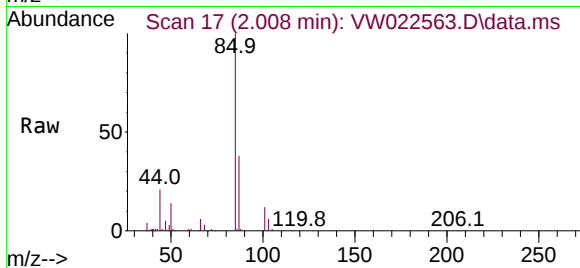




#2
Dichlorodifluoromethane
Concen: 27.969 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

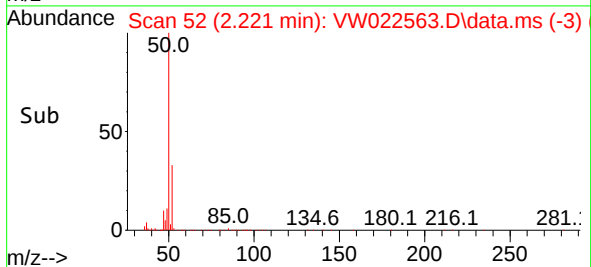
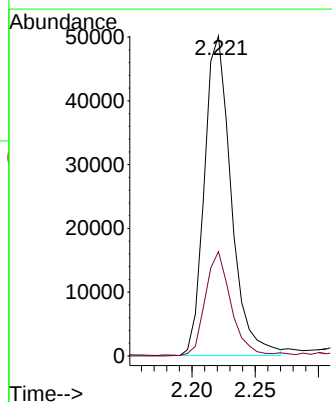
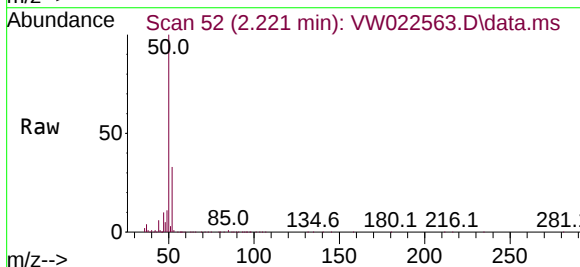
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MSVOA_W
ClientSampleId :

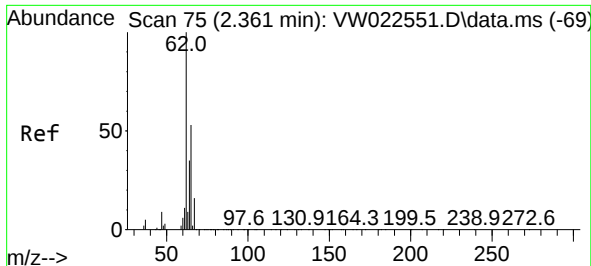
Tgt Ion: 85 Resp: 41573
Ion Ratio Lower Upper
85 100
87 28.4 23.7 35.5



#3
Chloromethane
Concen: 19.938 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 50 Resp: 73891
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

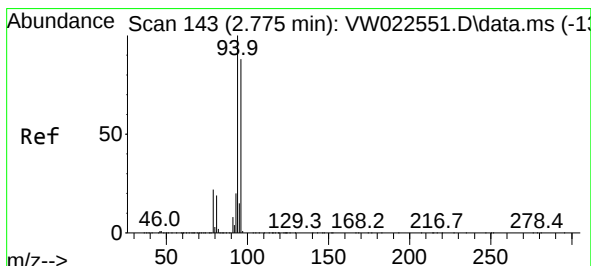
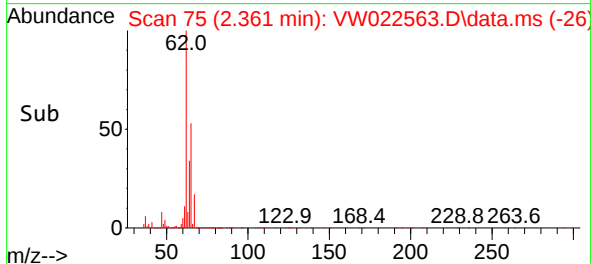
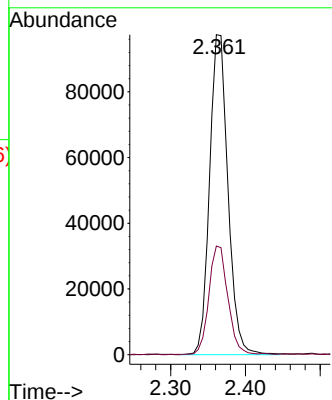
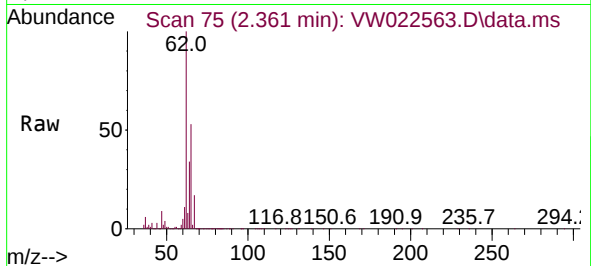




#5
 Vinyl chloride
 Concen: 21.521 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022563.D
 Acq: 15 Apr 2022 17:35

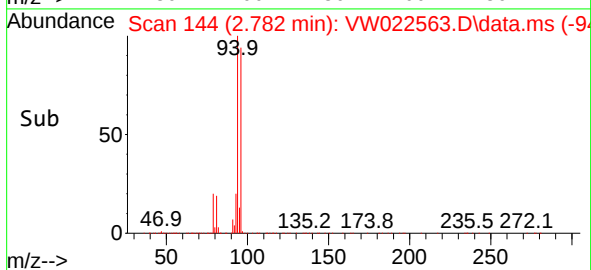
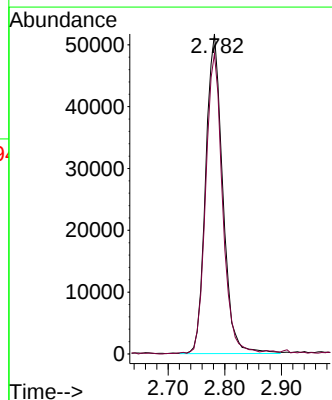
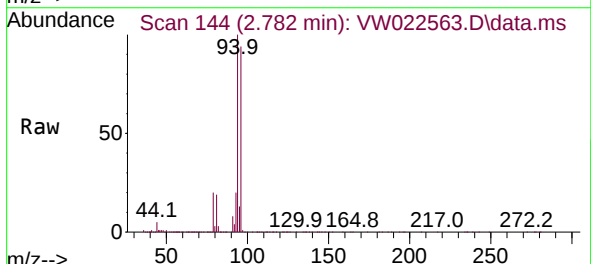
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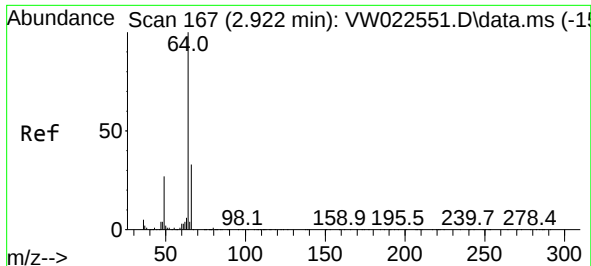
Tgt Ion: 62 Resp: 166419
 Ion Ratio Lower Upper
 62 100
 64 34.0 26.5 49.3



#6
 Bromomethane
 Concen: 23.000 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.007 min
 Lab File: VW022563.D
 Acq: 15 Apr 2022 17:35

Tgt Ion: 94 Resp: 108119
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.6 123.6

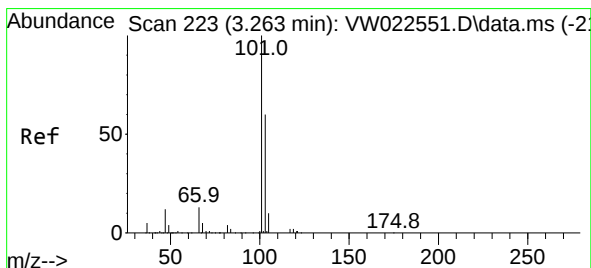
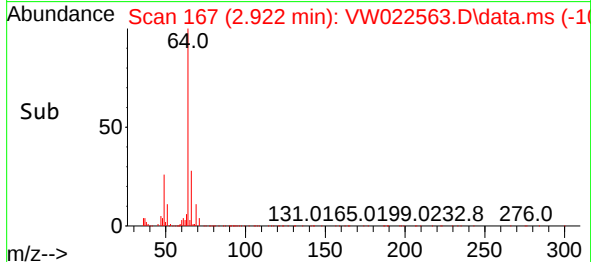
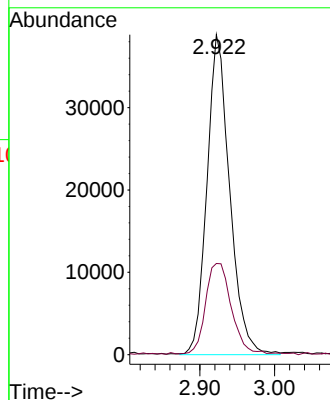
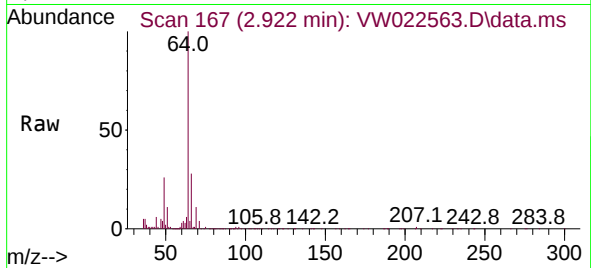




#8
Chloroethane
Concen: 24.262 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

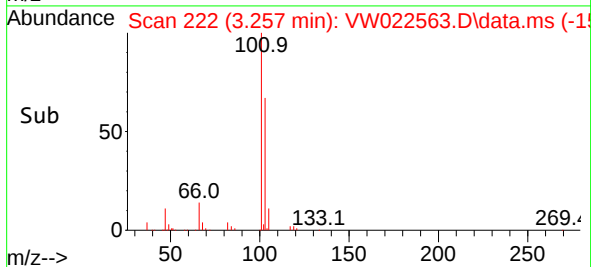
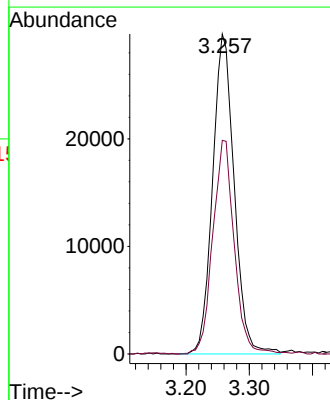
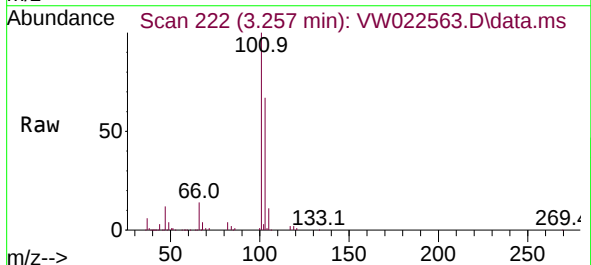
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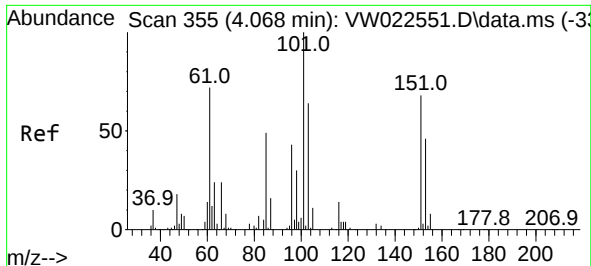
Tgt Ion: 64 Resp: 82139
Ion Ratio Lower Upper
64 100
66 28.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.667 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 101 Resp: 70423
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0

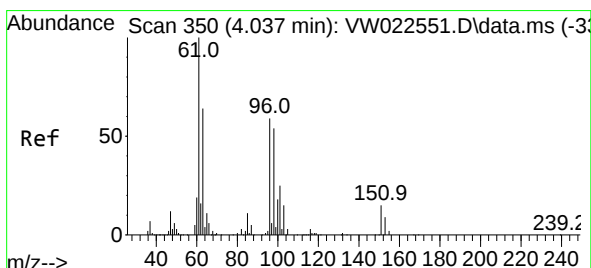
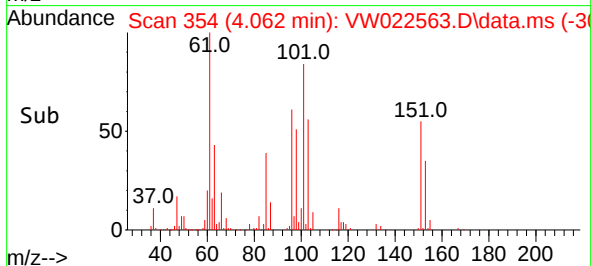
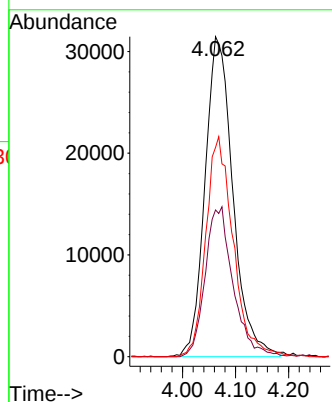
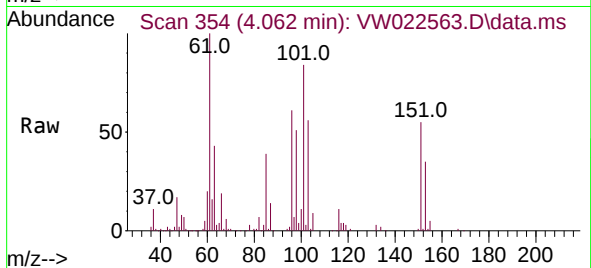




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.271 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022563.D
 Acq: 15 Apr 2022 17:35

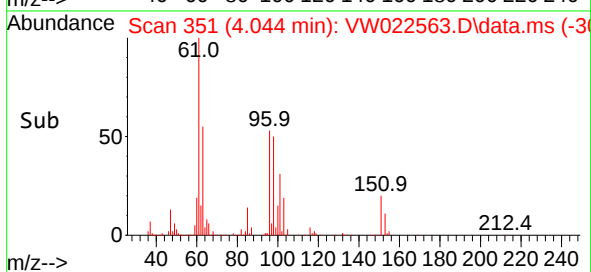
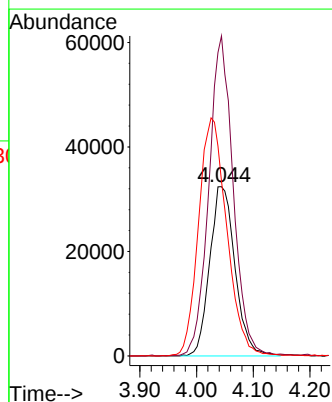
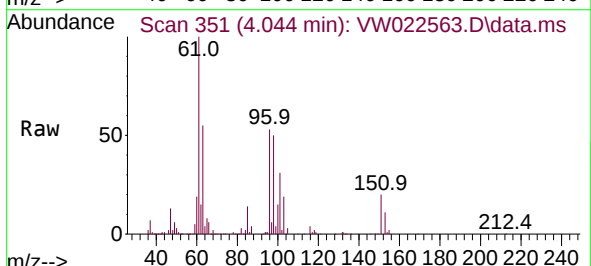
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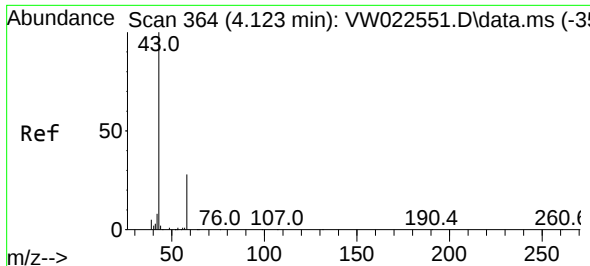
Tgt Ion:101 Resp: 114883
 Ion Ratio Lower Upper
 101 100
 85 45.4 39.2 58.8
 151 67.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.638 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.007 min
 Lab File: VW022563.D
 Acq: 15 Apr 2022 17:35

Tgt Ion: 96 Resp: 100591
 Ion Ratio Lower Upper
 96 100
 61 189.0 128.0 237.6
 63 103.3 86.6 160.8

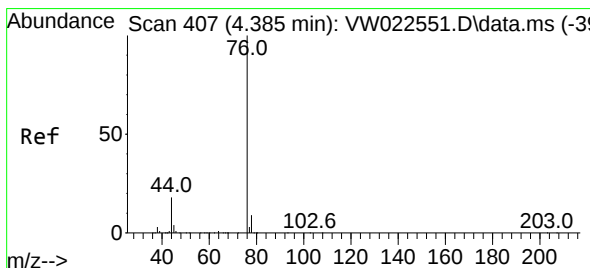
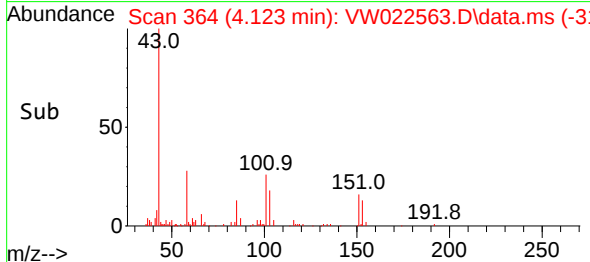
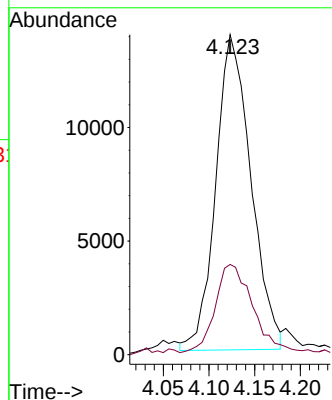
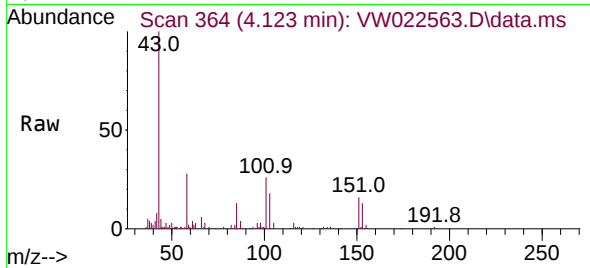




#13
Acetone
Concen: 46.596 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

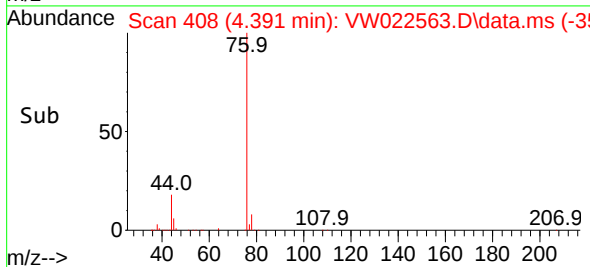
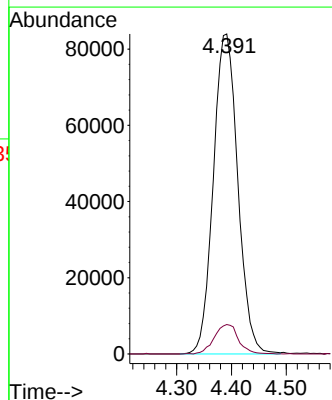
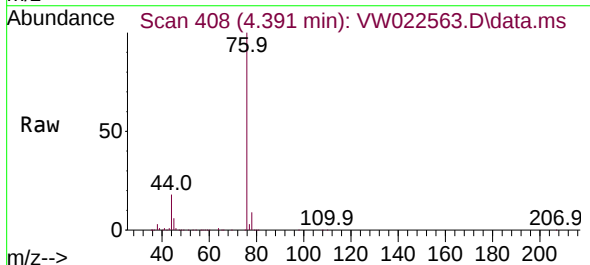
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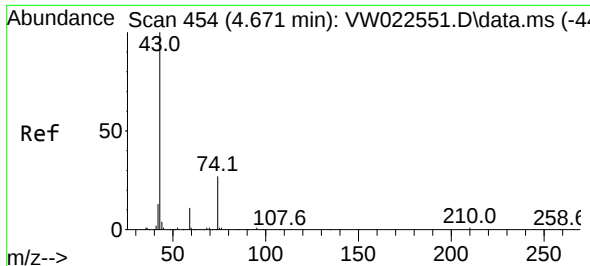
Tgt Ion: 43 Resp: 37129
Ion Ratio Lower Upper
43 100
58 31.7 0.0 57.0



#14
Carbon disulfide
Concen: 19.402 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.007 min
Lab File: VW022563.D
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Tgt Ion: 76 Resp: 260590
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

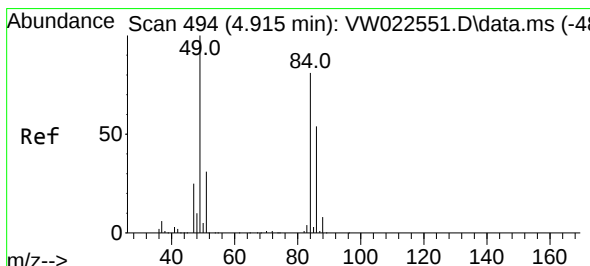
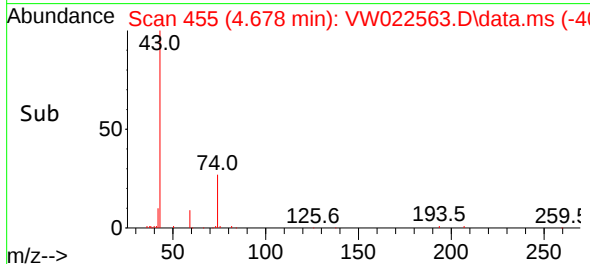
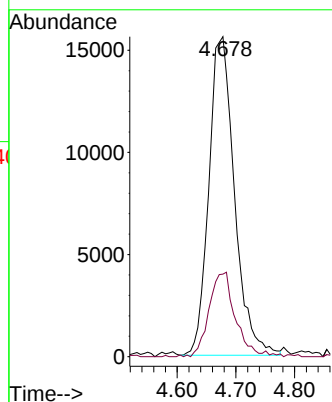
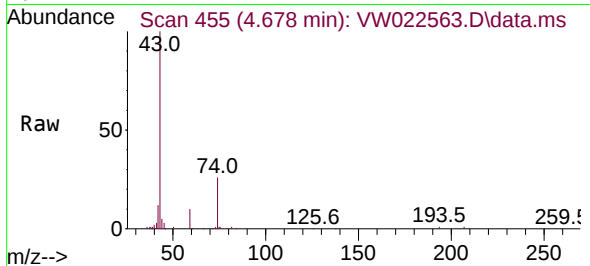




#15
Methyl Acetate
Concen: 23.685 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

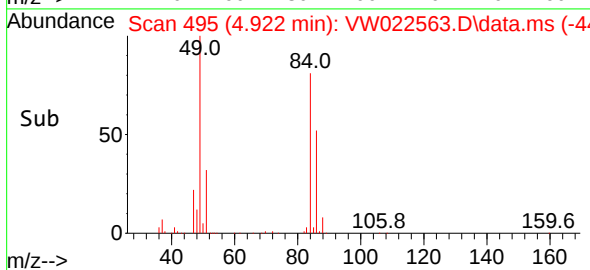
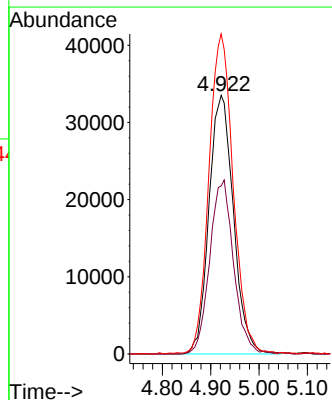
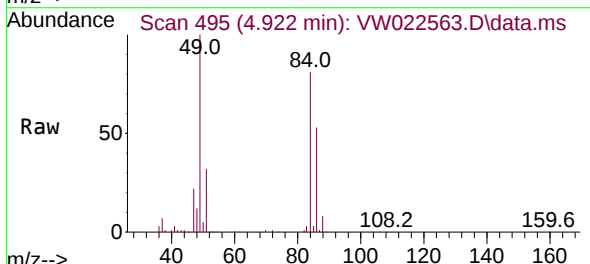
Instrument :
MSVOA_W
ClientSampleId :

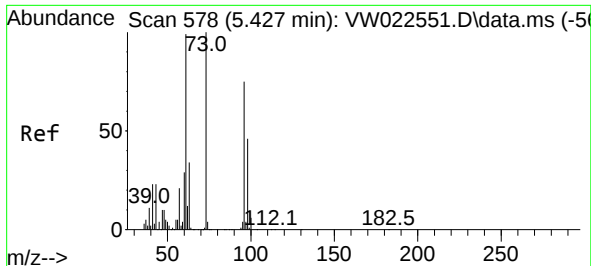
Tgt Ion: 43 Resp: 47361
Ion Ratio Lower Upper
43 100
74 26.5 18.5 27.7



#16
Methylene chloride
Concen: 25.840 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 84 Resp: 117902
Ion Ratio Lower Upper
84 100
86 65.0 42.8 79.4
49 123.8 94.2 175.0

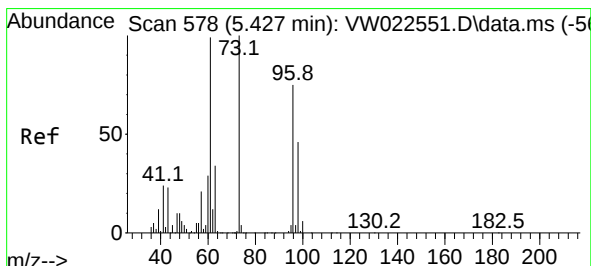
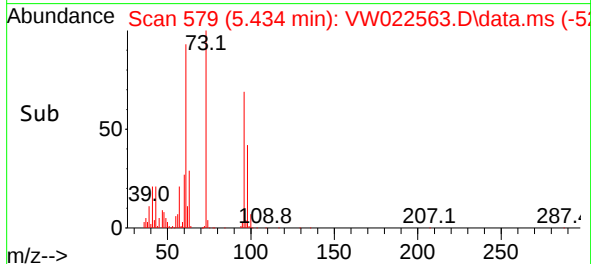
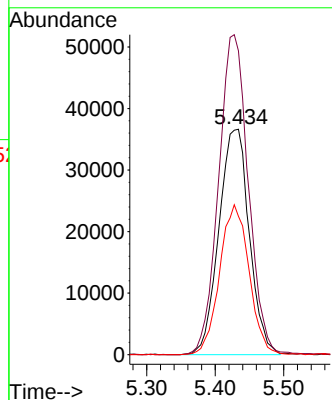
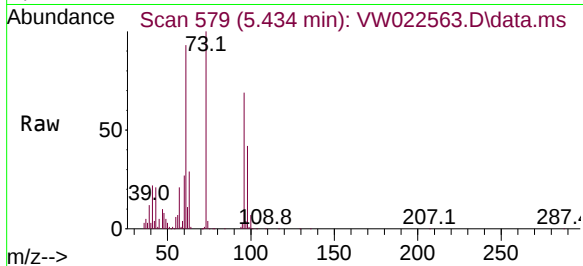




#17
trans-1,2-Dichloroethene
Concen: 23.593 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

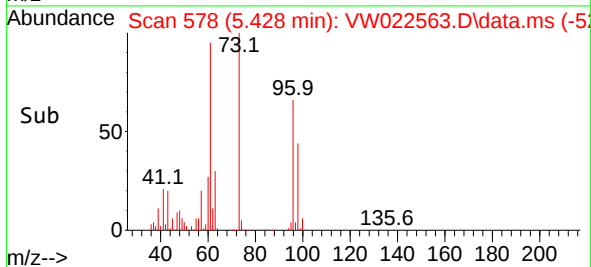
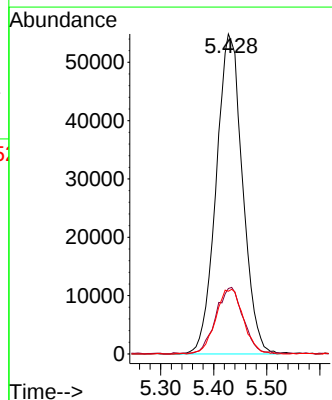
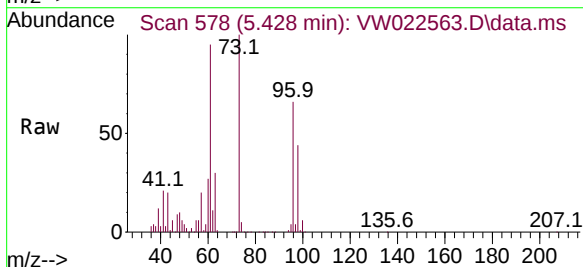
Instrument :
MSVOA_W
ClientSampleId :

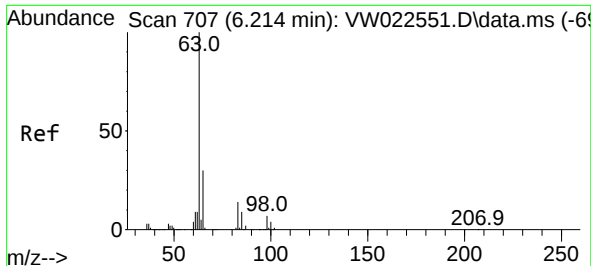
Tgt Ion: 96 Resp: 112837
Ion Ratio Lower Upper
96 100
61 134.8 99.8 185.4
98 61.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 24.225 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 73 Resp: 189221
Ion Ratio Lower Upper
73 100
43 21.1 18.8 28.2
57 10.9 17.5 26.3#

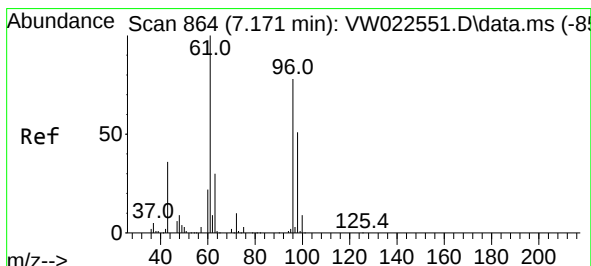
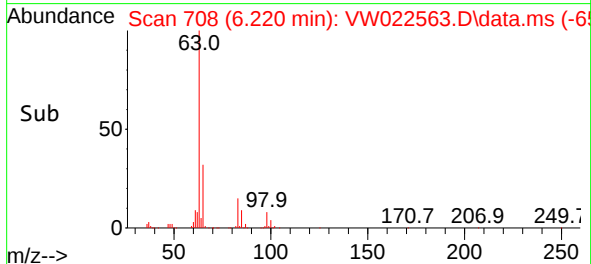
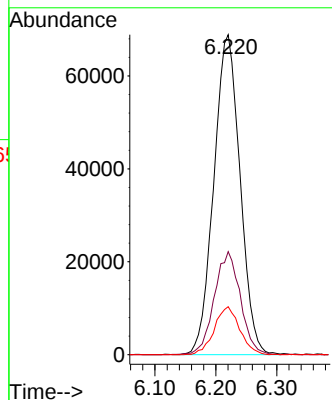
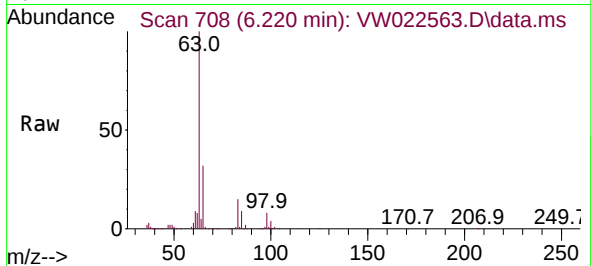




#19
1,1-Dichloroethane
Concen: 23.605 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

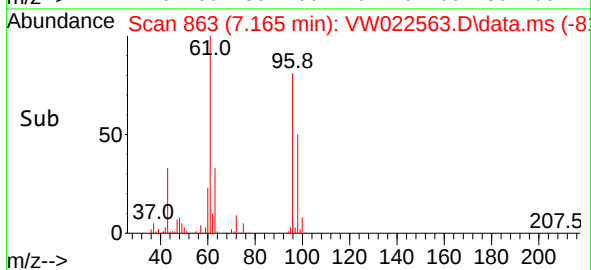
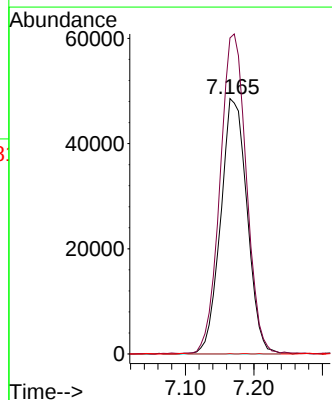
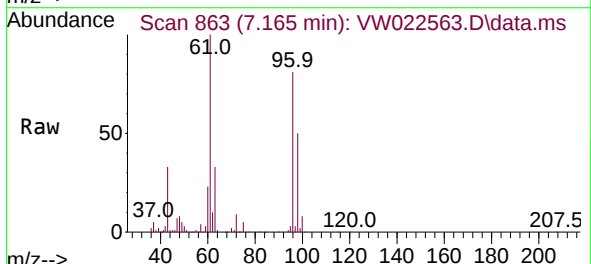
Instrument :
MSVOA_W
ClientSampleId :

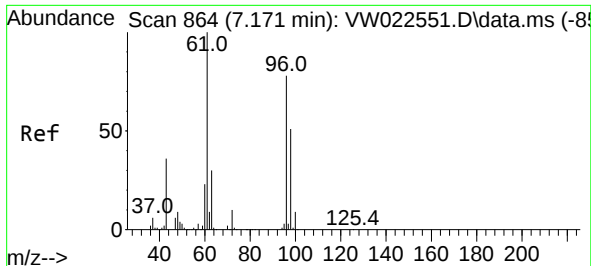
Tgt Ion: 63 Resp: 205993
Ion Ratio Lower Upper
63 100
65 32.2 21.1 39.3
83 15.0 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 25.686 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 96 Resp: 129748
Ion Ratio Lower Upper
96 100
61 123.7 96.4 179.0
68 0.1 0.1 0.3

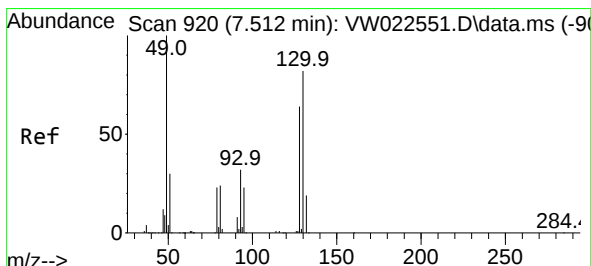
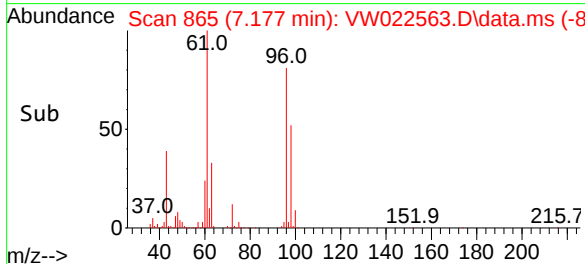
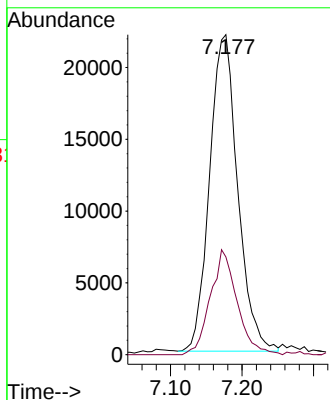
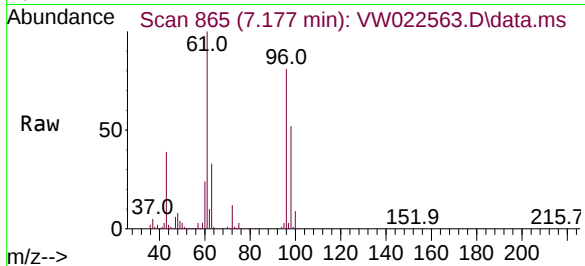




#22
2-Butanone
Concen: 50.062 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

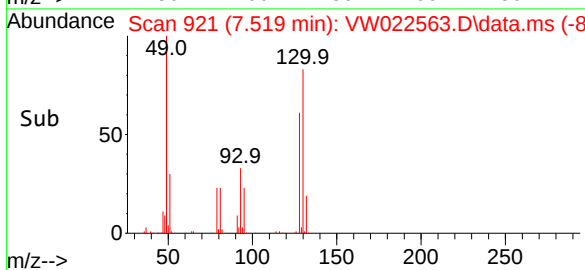
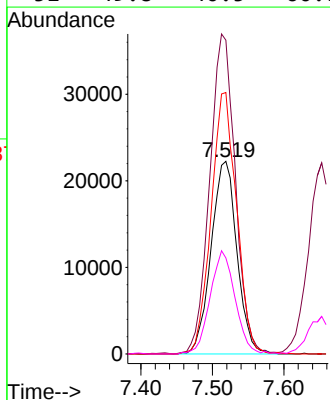
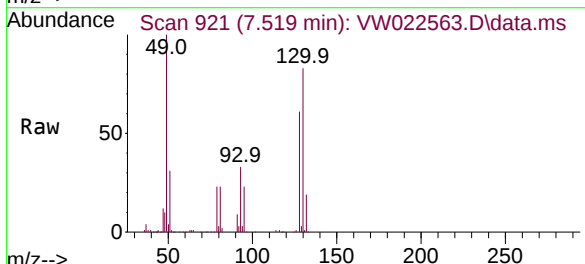
Instrument :
MSVOA_W
ClientSampleId :

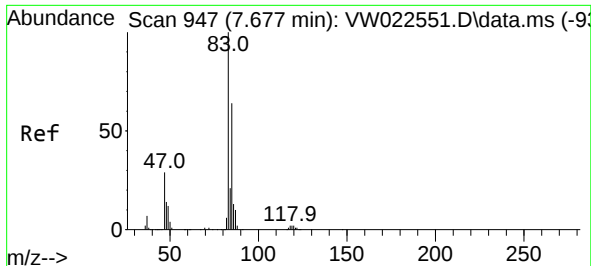
Tgt Ion: 43 Resp: 60248
Ion Ratio Lower Upper
43 100
72 31.5 14.0 42.0



#23
Bromochloromethane
Concen: 25.712 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 128 Resp: 55895
Ion Ratio Lower Upper
128 100
49 162.9 120.8 224.3
130 135.7 81.8 151.8
51 49.8 40.5 60.7

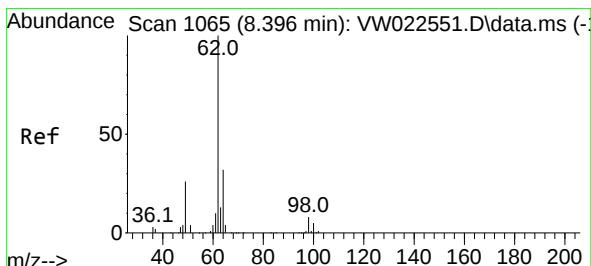
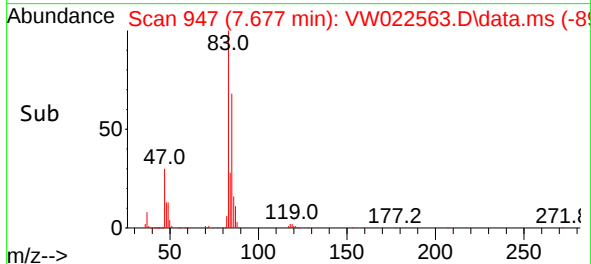
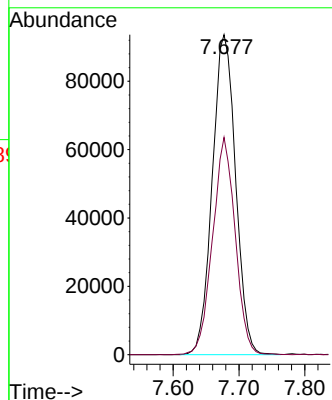
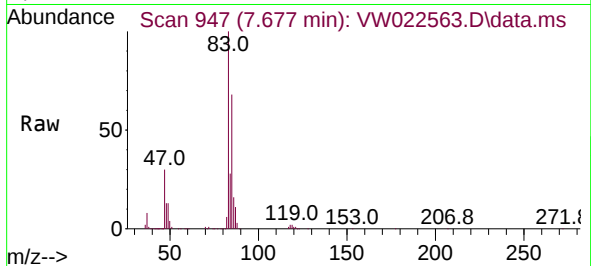




#25
Chloroform
Concen: 25.134 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

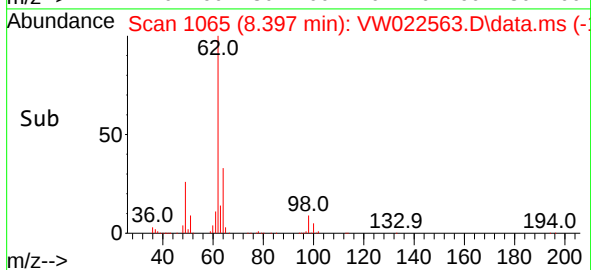
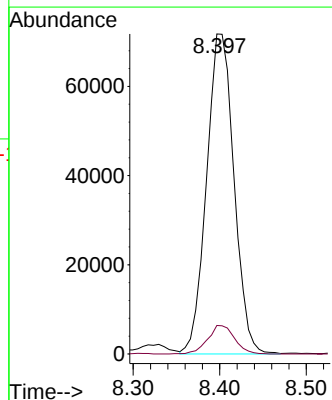
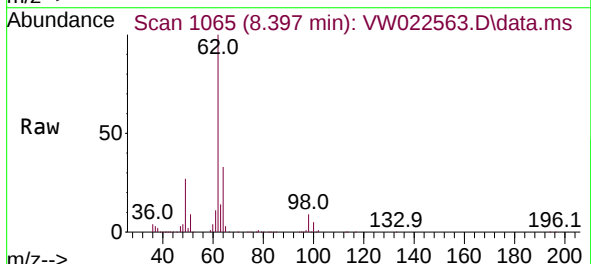
Instrument :
MSVOA_W
ClientSampleId :

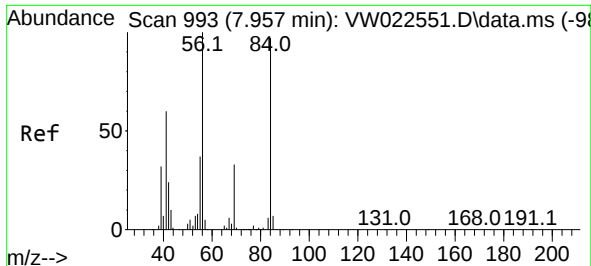
Tgt Ion: 83 Resp: 231019
Ion Ratio Lower Upper
83 100
85 67.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.496 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 62 Resp: 158245
Ion Ratio Lower Upper
62 100
98 8.9 6.2 9.2





#29

Cyclohexane

Concen: 21.007 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :

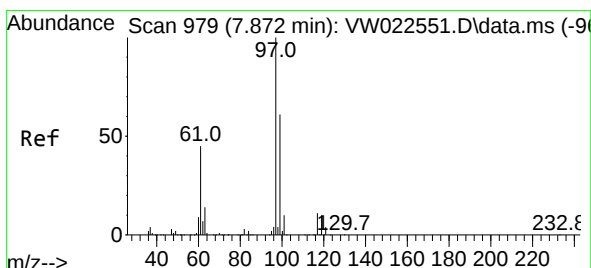
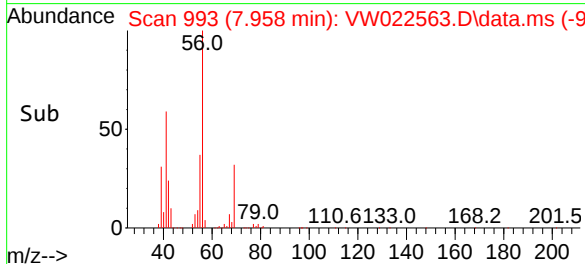
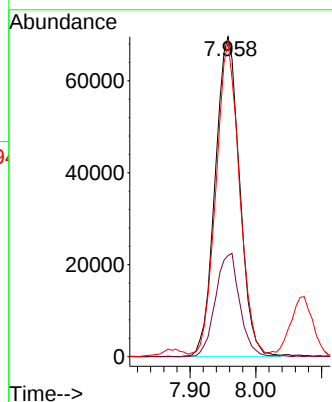
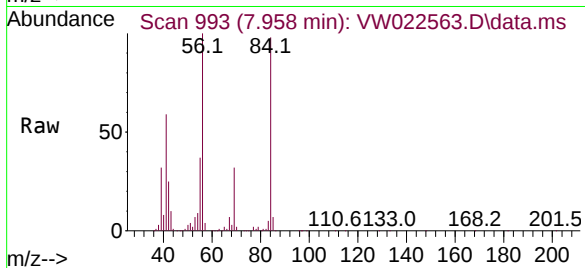
Tgt Ion: 56 Resp: 179856

Ion Ratio Lower Upper

56 100

69 32.1 24.4 36.6

84 94.8 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 23.370 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

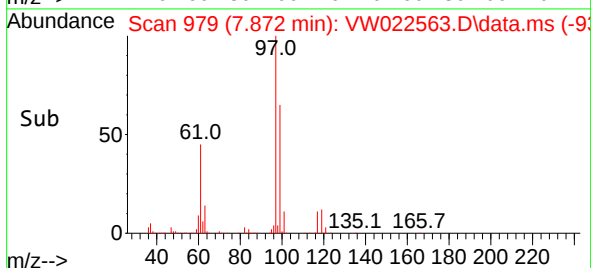
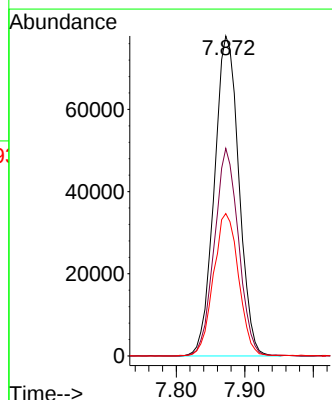
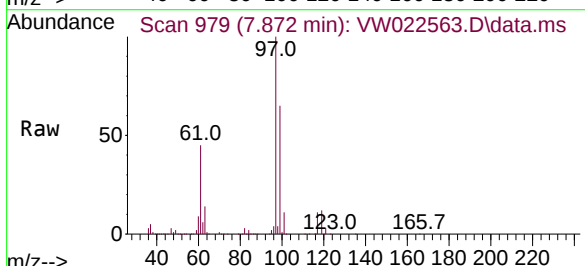
Tgt Ion: 97 Resp: 193931

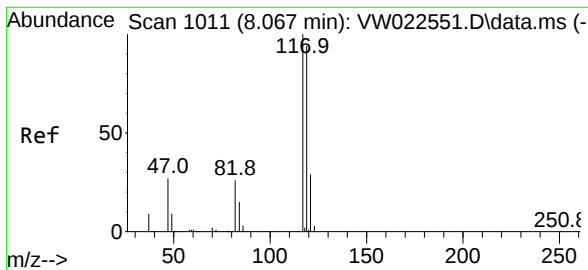
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 45.5 38.7 58.1

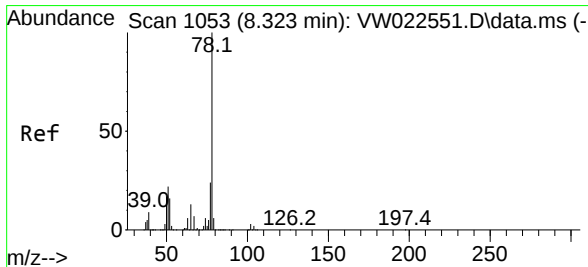
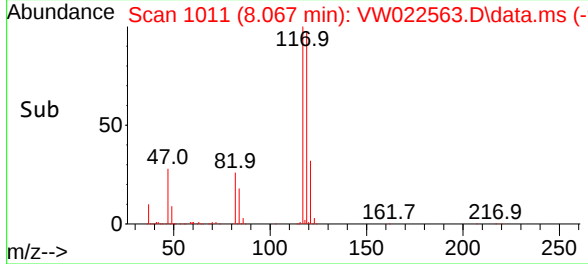
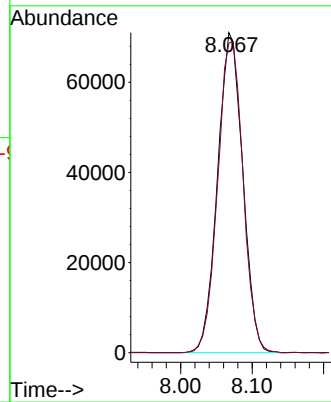
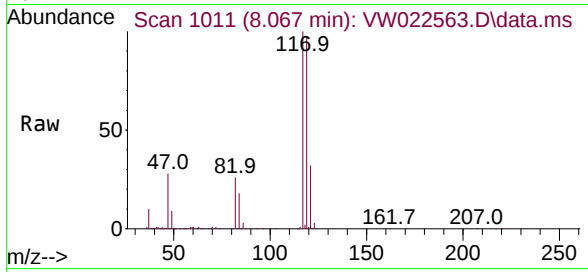




#31
Carbon tetrachloride
Concen: 23.255 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

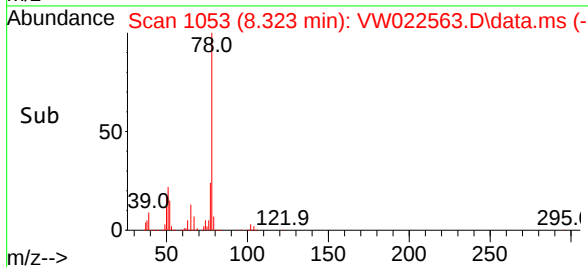
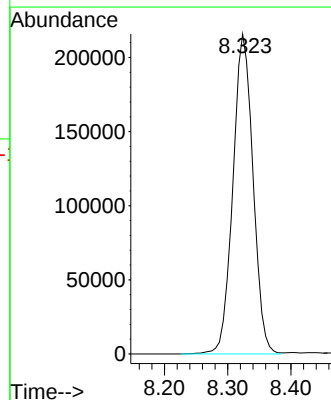
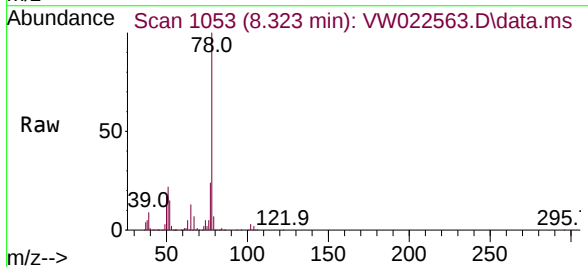
Instrument :
MSVOA_W
ClientSampleId :

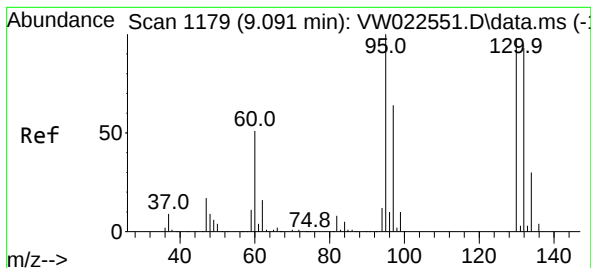
Tgt Ion:117 Resp: 173202
Ion Ratio Lower Upper
117 100
119 98.3 75.5 113.3



#33
Benzene
Concen: 23.516 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 78 Resp: 477607





#34

Trichloroethene

Concen: 23.898 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

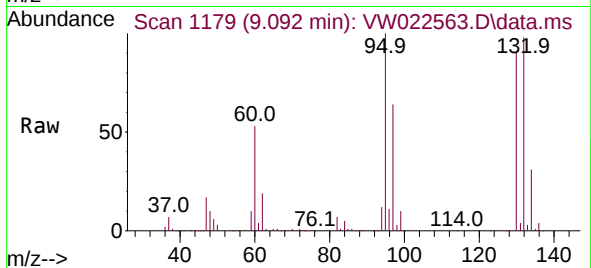
Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 129960

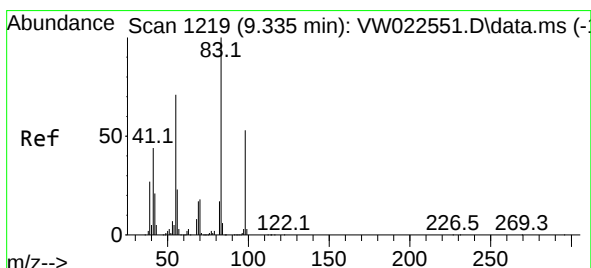
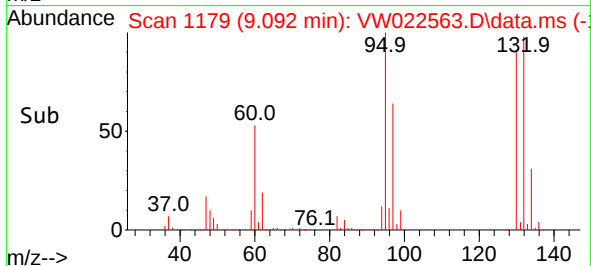
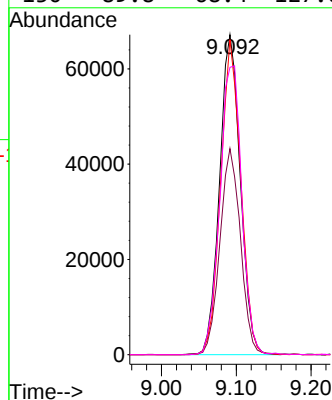
Ion Ratio Lower Upper

95 100

97 64.4 46.4 86.2

132 98.5 67.4 125.2

130 89.8 68.4 127.0



#35

Methylcyclohexane

Concen: 21.721 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

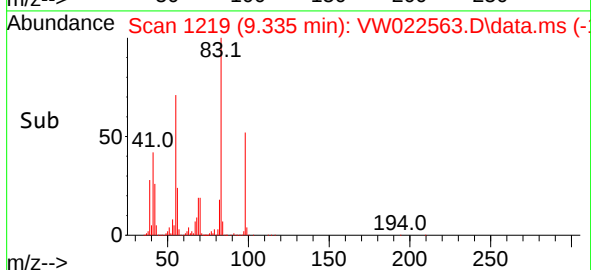
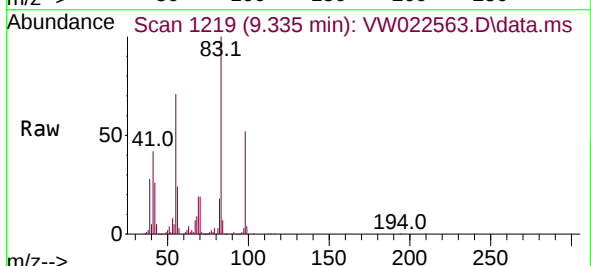
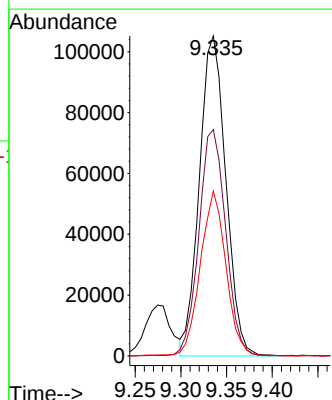
Tgt Ion: 83 Resp: 211924

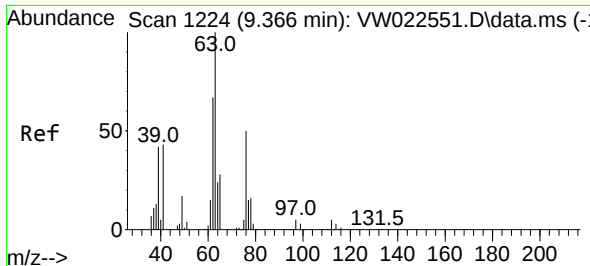
Ion Ratio Lower Upper

83 100

55 71.5 61.0 91.6

98 49.8 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.340 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

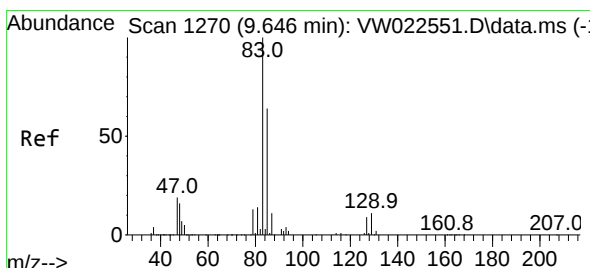
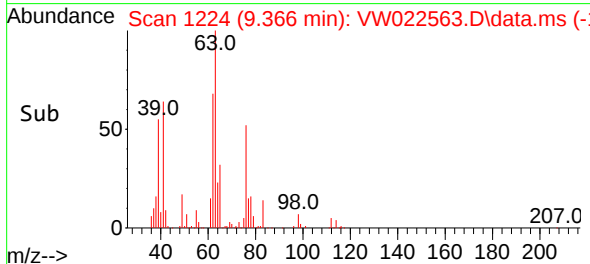
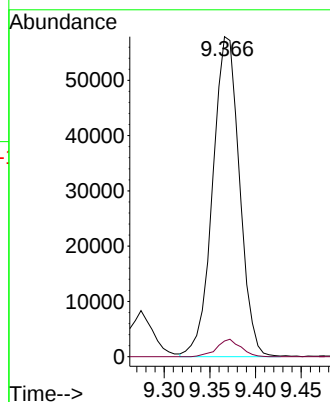
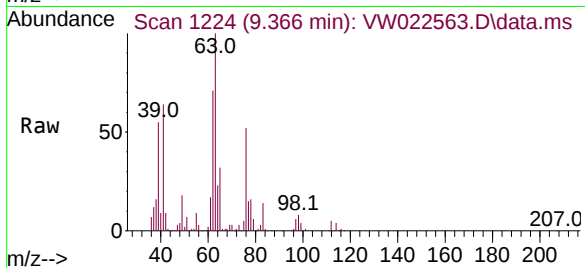
ClientSampleId :

Tgt Ion: 63 Resp: 118427

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 24.245 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

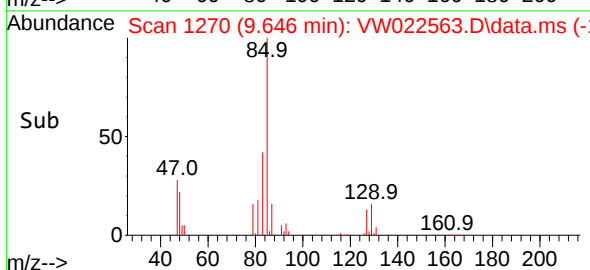
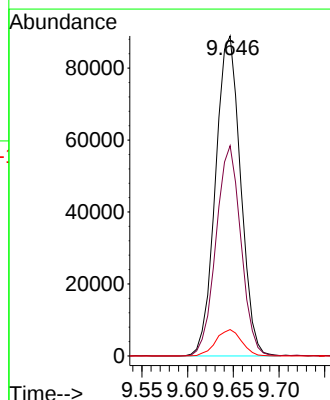
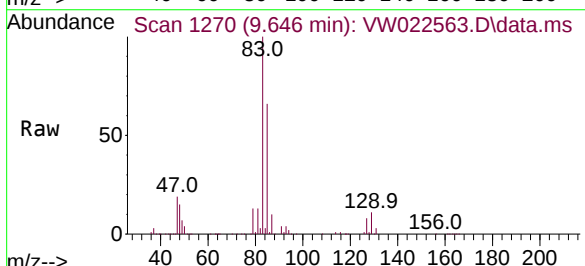
Tgt Ion: 83 Resp: 169642

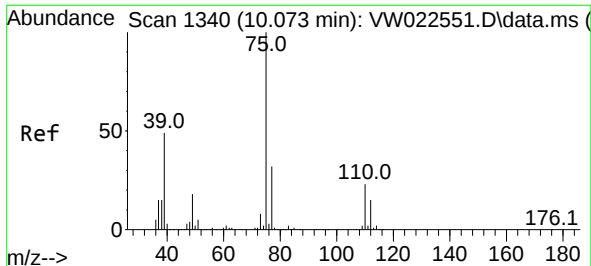
Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0

127 8.3 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.134 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

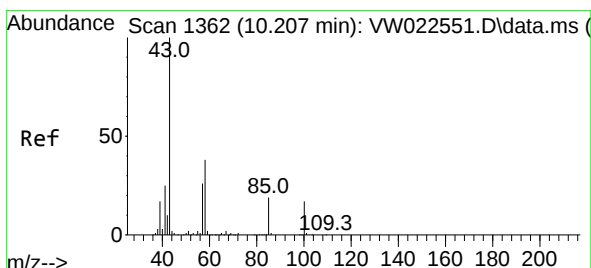
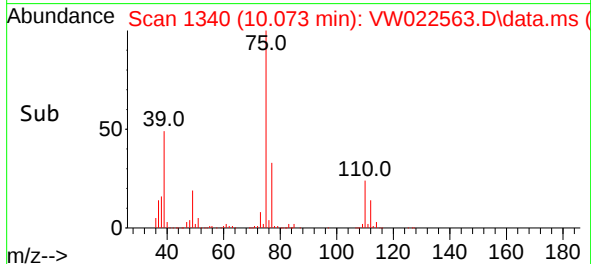
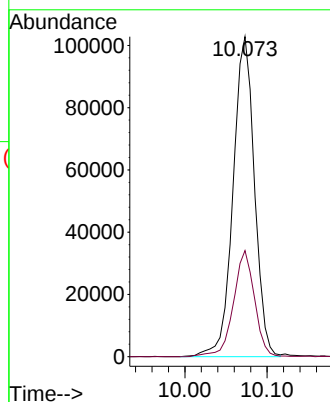
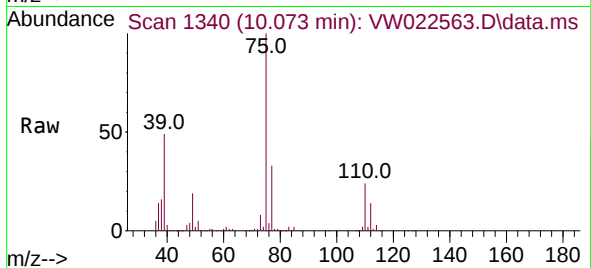
ClientSampleId :

Tgt Ion: 75 Resp: 186333

Ion Ratio Lower Upper

75 100

77 33.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 50.217 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

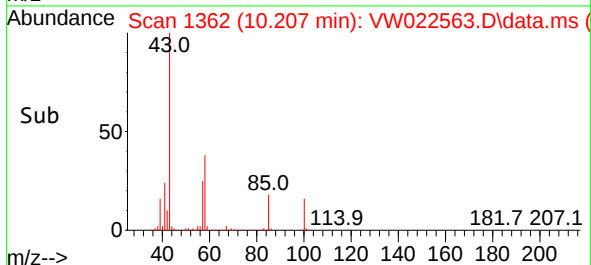
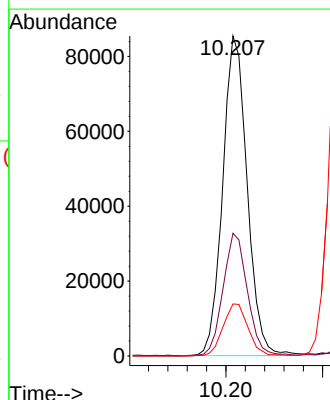
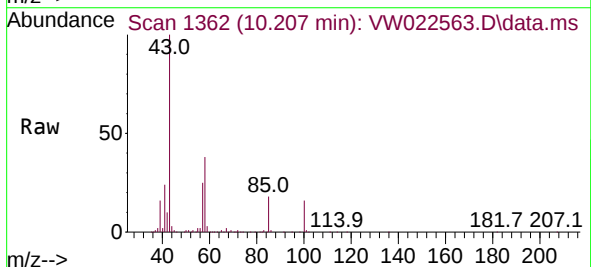
Tgt Ion: 43 Resp: 149115

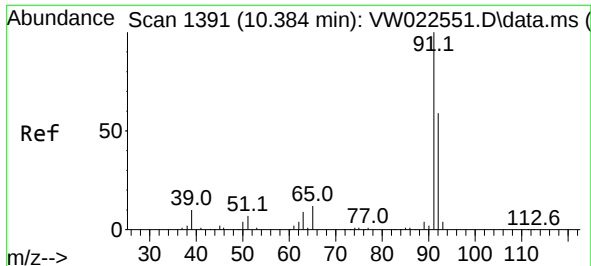
Ion Ratio Lower Upper

43 100

58 38.6 29.3 43.9

100 16.7 12.2 18.4

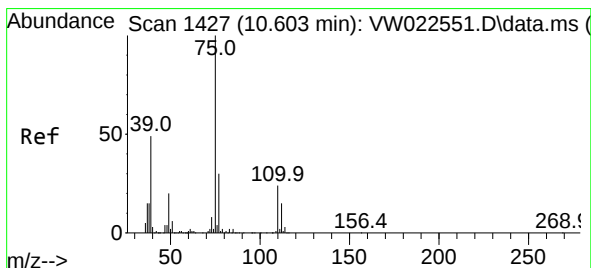
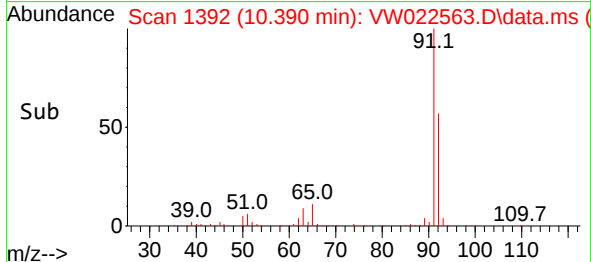
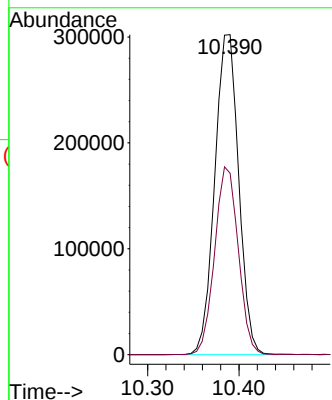
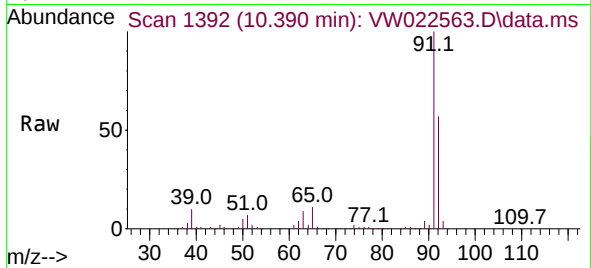




#42
Toluene
Concen: 23.677 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.007 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

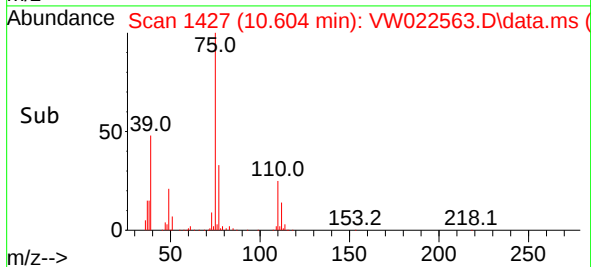
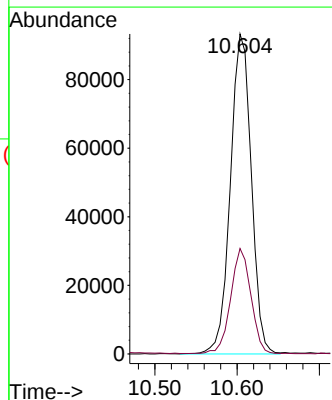
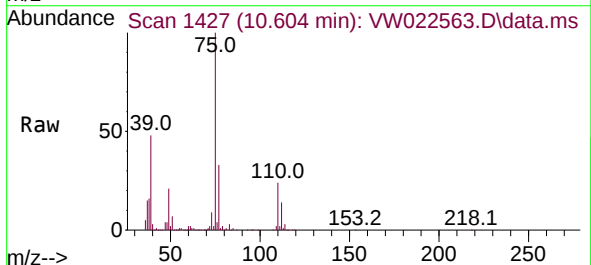
Instrument :
MSVOA_W
ClientSampleId :

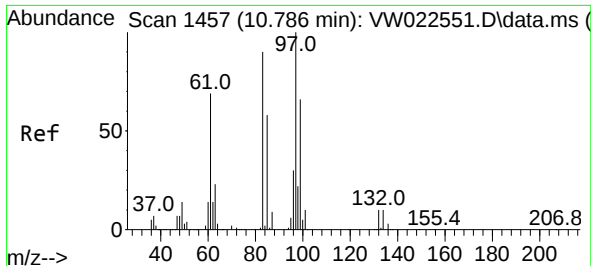
Tgt Ion: 91 Resp: 551044
Ion Ratio Lower Upper
91 100
92 56.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 23.943 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 75 Resp: 165522
Ion Ratio Lower Upper
75 100
77 33.0 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 26.443 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

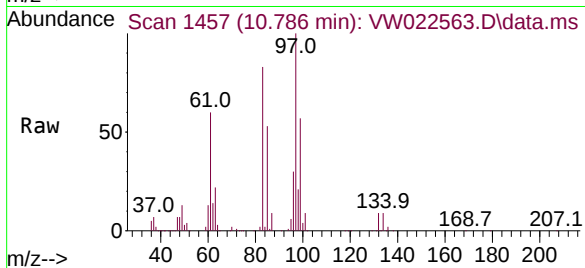
Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 98193

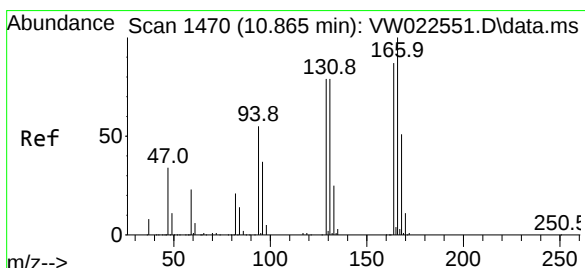
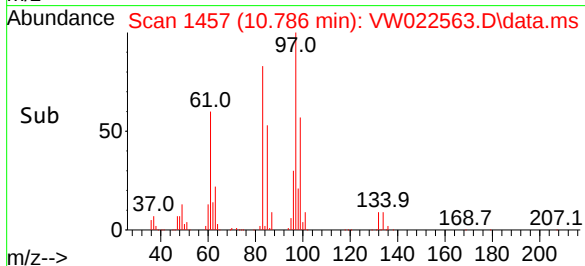
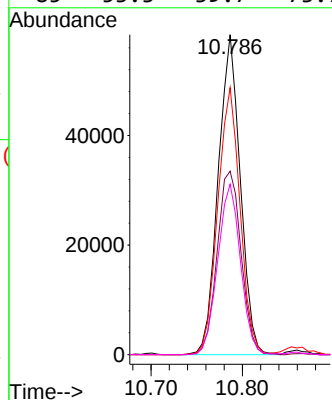
Ion Ratio Lower Upper

97 100

99 57.4 46.0 85.4

83 83.4 60.6 112.6

85 53.3 39.7 73.7



#46

Tetrachloroethene

Concen: 24.160 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Tgt Ion:164 Resp: 96577

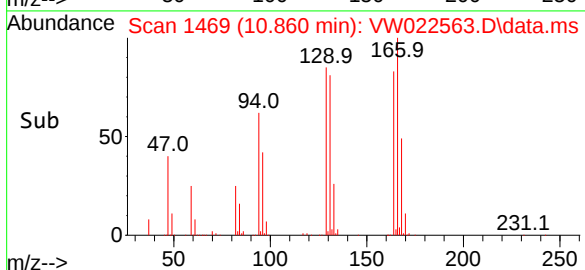
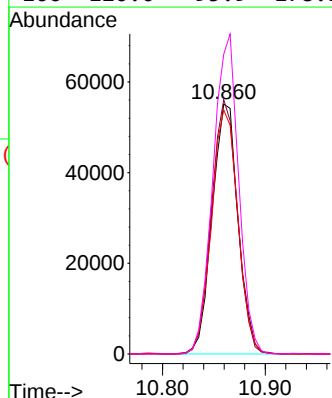
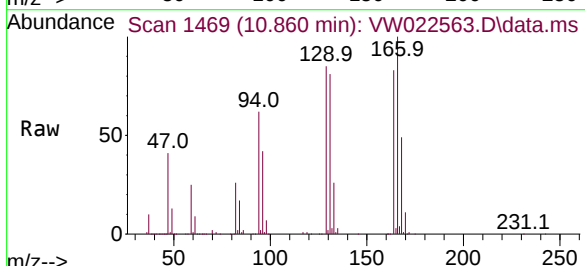
Ion Ratio Lower Upper

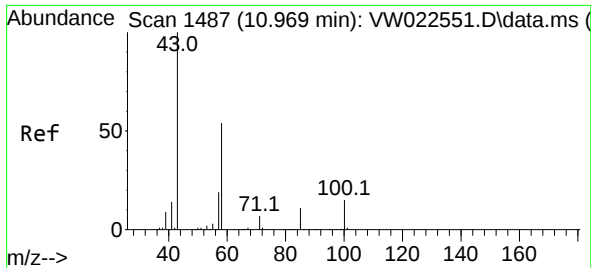
164 100

129 101.8 74.1 137.7

131 97.7 71.4 132.6

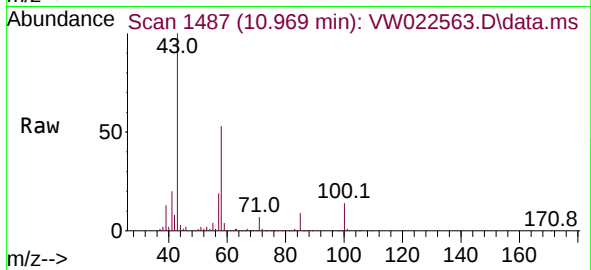
166 120.0 95.9 178.1





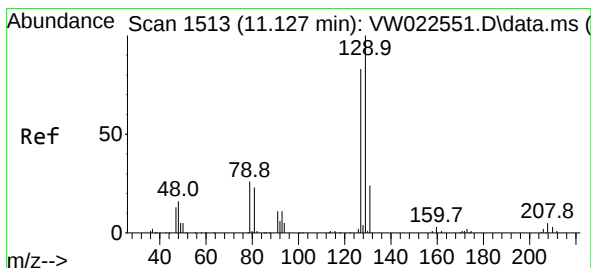
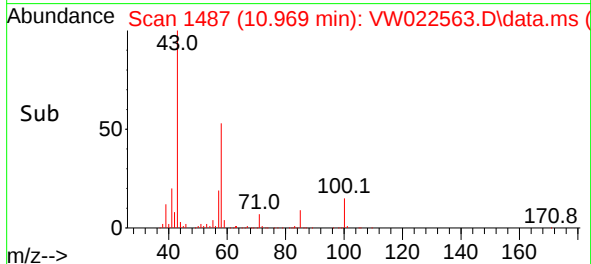
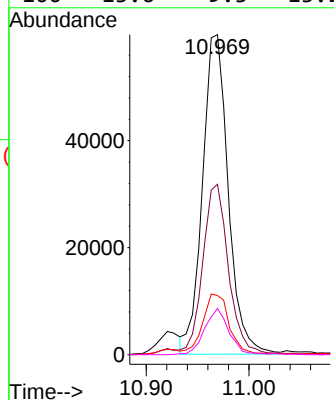
#48
2-Hexanone
Concen: 49.768 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 104256

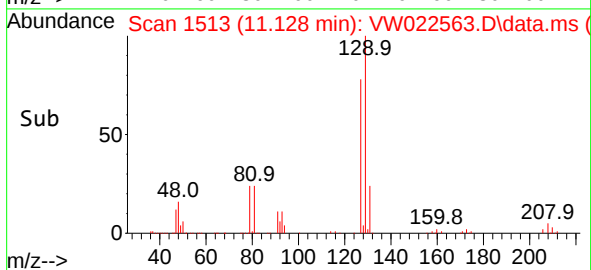
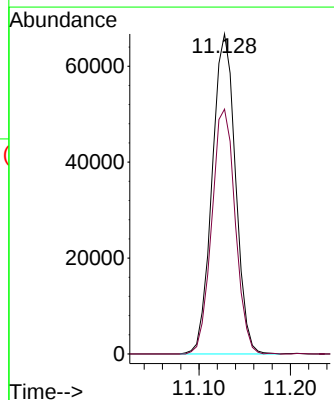
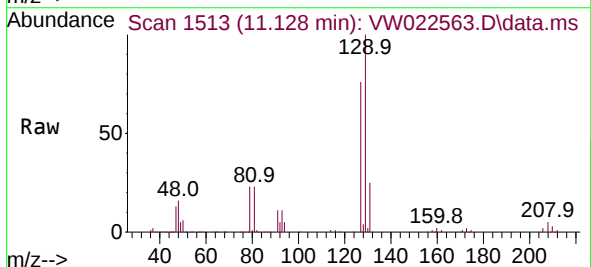
Ion	Ratio	Lower	Upper
43	100		
58	52.2	41.6	62.4
57	19.6	14.5	21.7
100	13.6	9.3	13.9

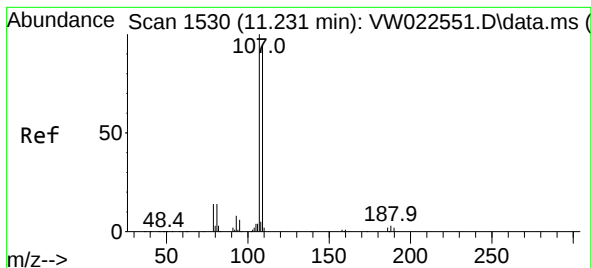


#49
Dibromochloromethane
Concen: 26.713 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion: 129 Resp: 118304

Ion	Ratio	Lower	Upper
129	100		
127	76.5	52.6	97.6





#50

1,2-Dibromoethane

Concen: 26.009 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW022563.D

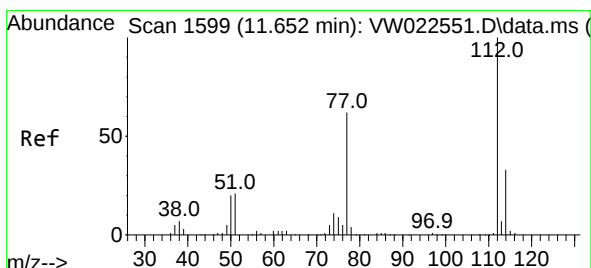
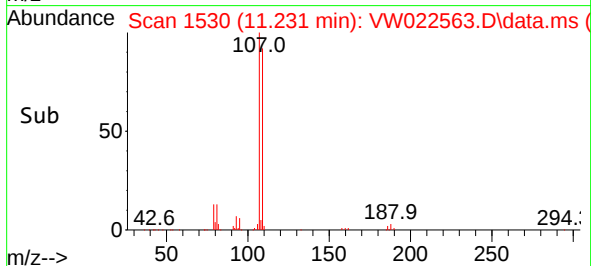
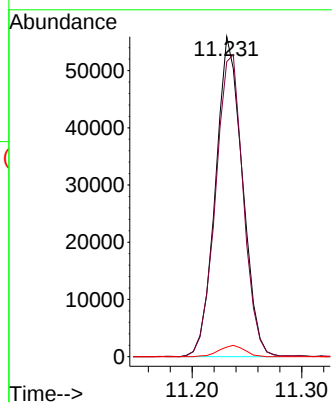
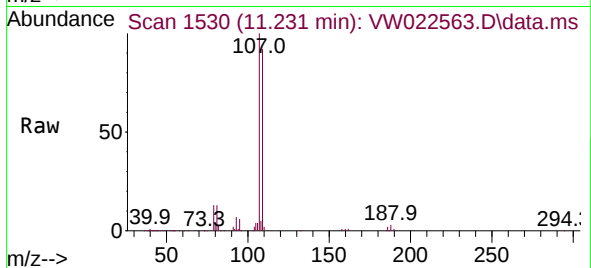
Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	95368
Ion	Ratio	Lower	Upper
107	100		
109	92.2	68.2	126.6
188	3.0	2.8	4.2



#51

Chlorobenzene

Concen: 25.513 ug/L

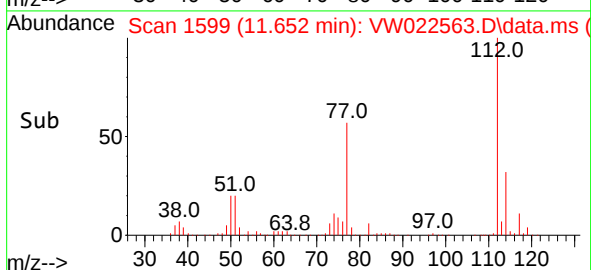
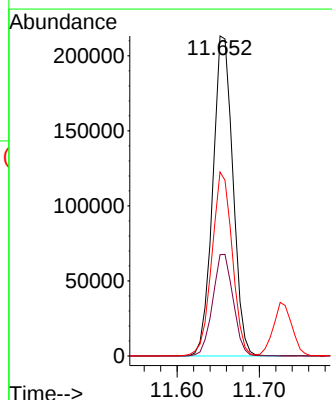
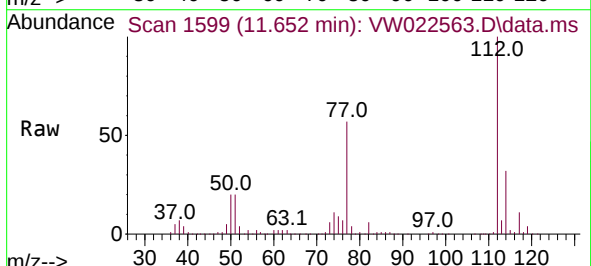
RT: 11.652 min Scan# 1599

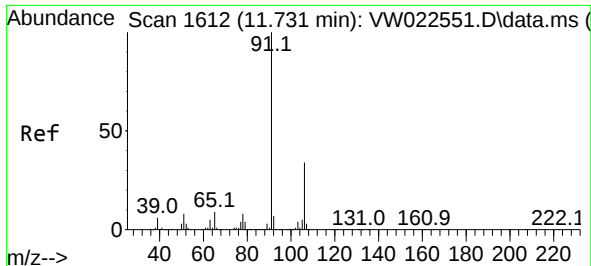
Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Tgt Ion:	112	Resp:	362847
Ion	Ratio	Lower	Upper
112	100		
114	31.6	20.5	38.1
77	57.5	48.1	72.1





#52

Ethylbenzene

Concen: 23.797 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

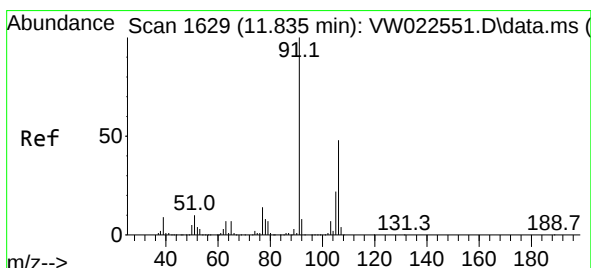
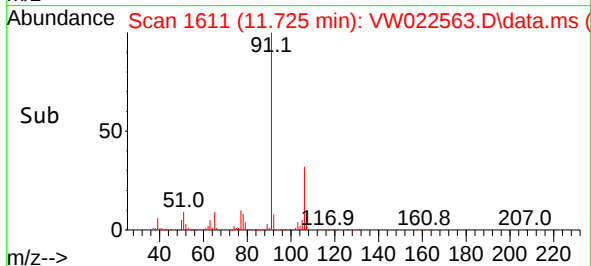
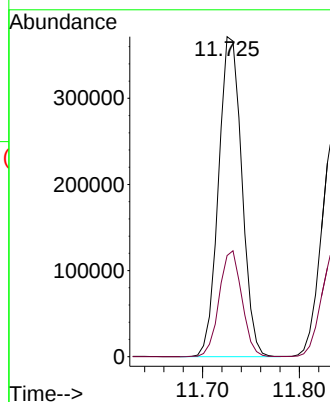
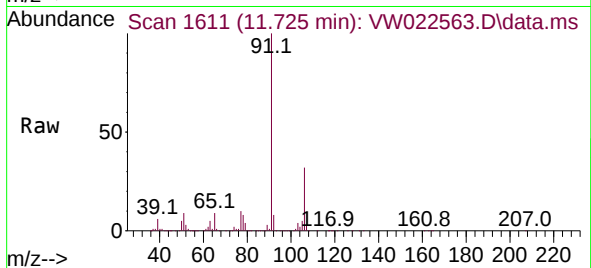
ClientSampleId :

Tgt Ion: 91 Resp: 620786

Ion Ratio Lower Upper

91 100

106 31.6 20.5 38.1



#53

m,p-Xylene

Concen: 24.848 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022563.D

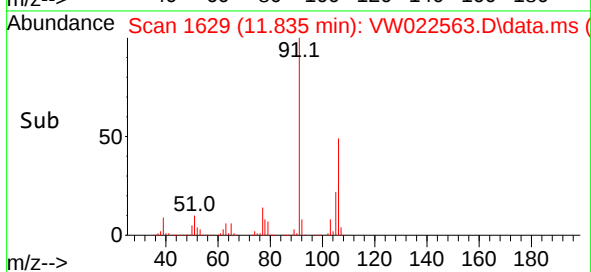
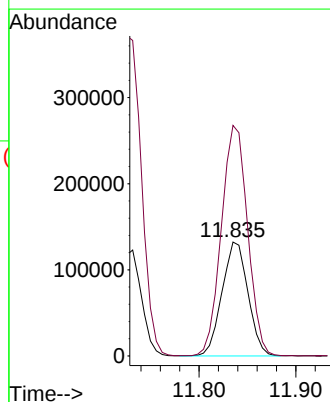
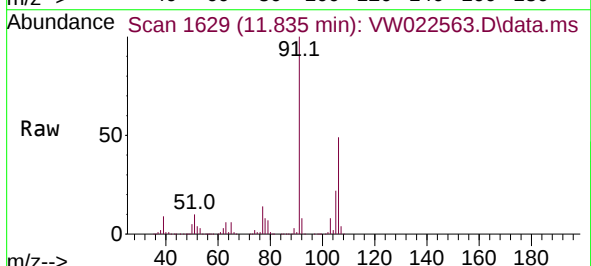
Acq: 15 Apr 2022 17:35

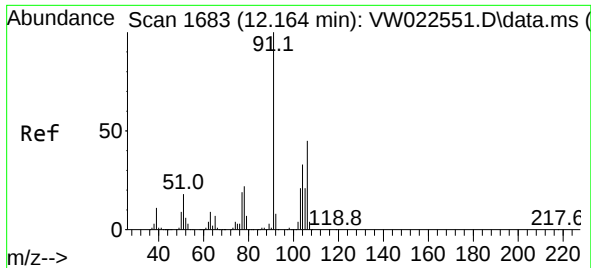
Tgt Ion:106 Resp: 246469

Ion Ratio Lower Upper

106 100

91 202.4 149.9 278.5

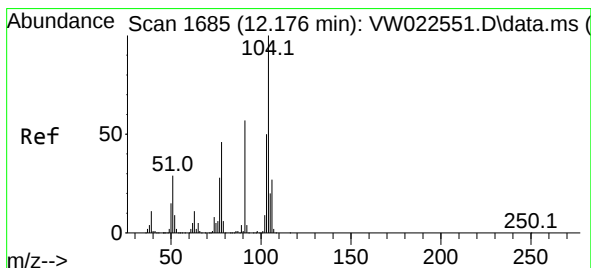
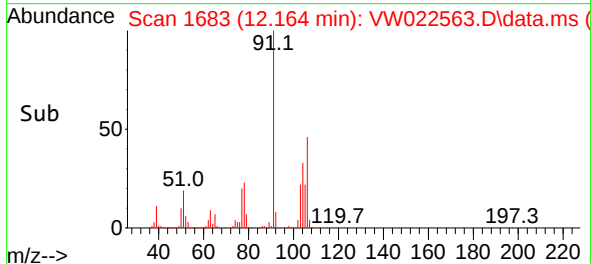
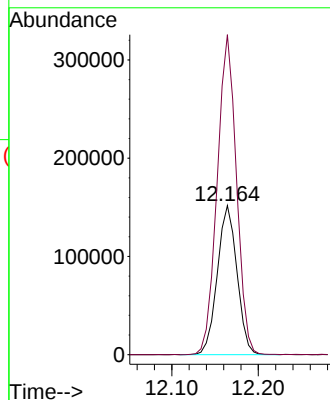
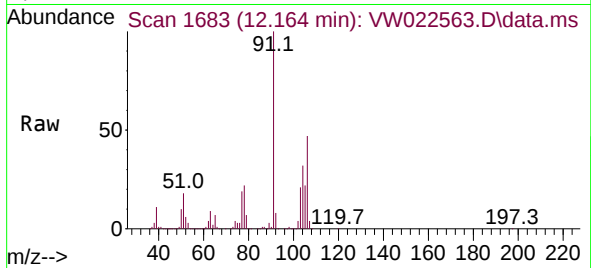




#54
o-Xylene
Concen: 25.238 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

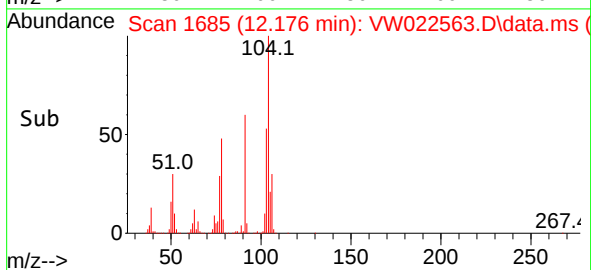
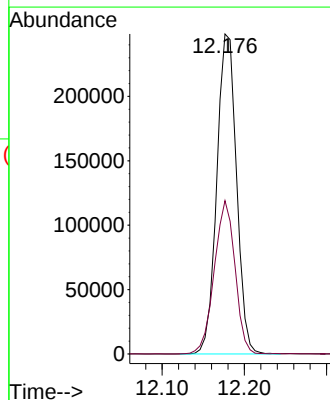
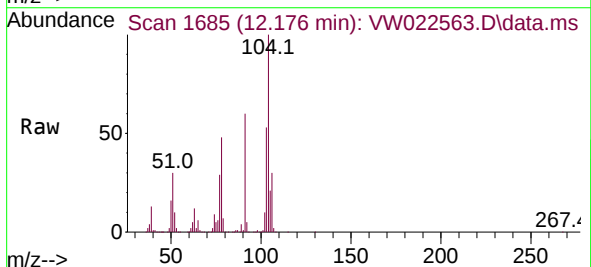
Instrument :
MSVOA_W
ClientSampleId :

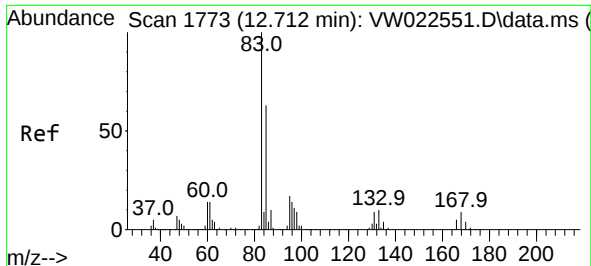
Tgt Ion:106 Resp: 239218
Ion Ratio Lower Upper
106 100
91 214.5 155.3 288.3



#55
Styrene
Concen: 25.583 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion:104 Resp: 414295
Ion Ratio Lower Upper
104 100
78 47.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.959 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :

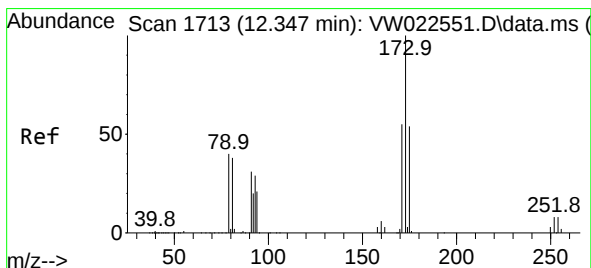
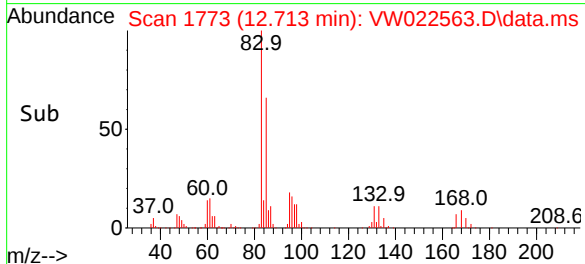
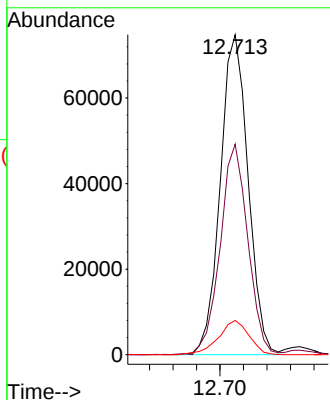
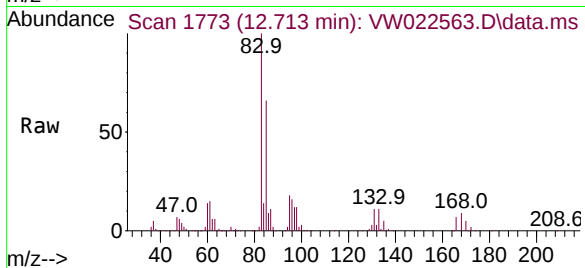
Tgt Ion: 83 Resp: 122873

Ion Ratio Lower Upper

83 100

85 65.8 45.5 84.5

131 10.7 7.8 11.8



#59

Bromoform

Concen: 23.095 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

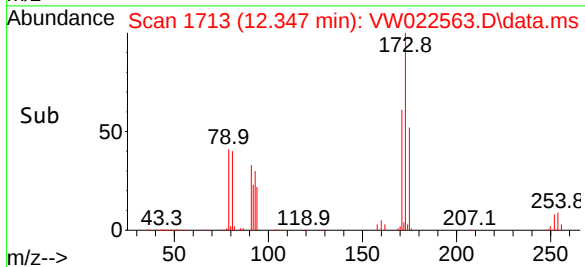
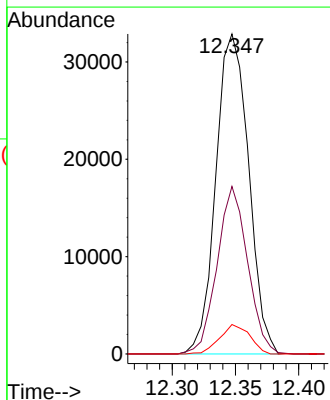
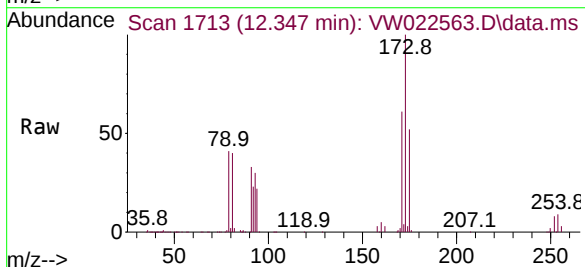
Tgt Ion:173 Resp: 59123

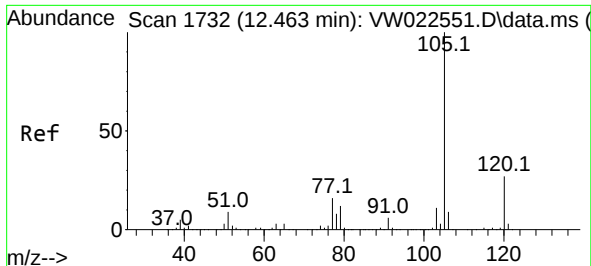
Ion Ratio Lower Upper

173 100

175 48.9 39.2 58.8

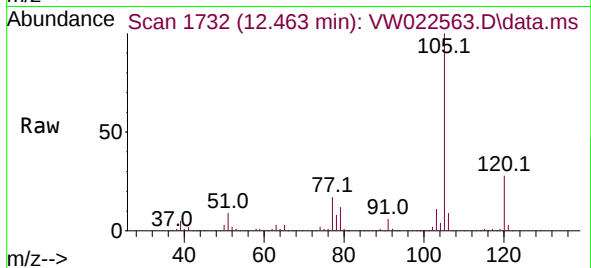
254 8.5 6.6 9.8



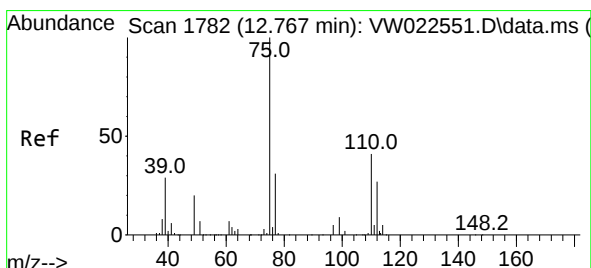
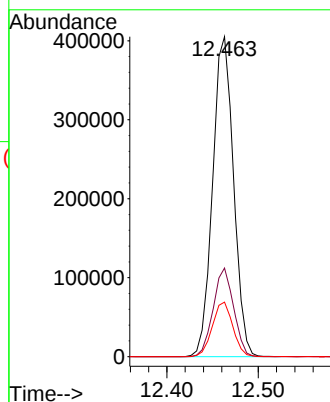
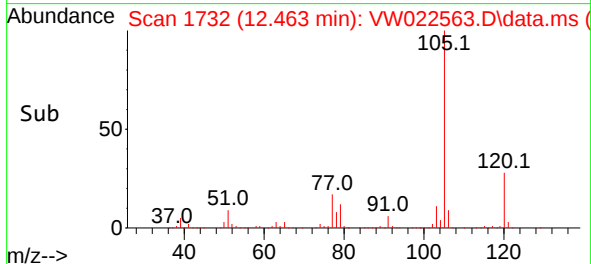


#60
Isopropylbenzene
Concen: 22.477 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

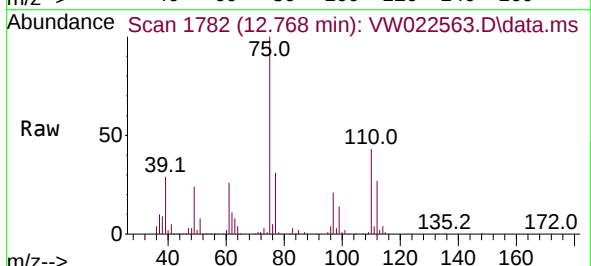
Instrument :
MSVOA_W
ClientSampleId :



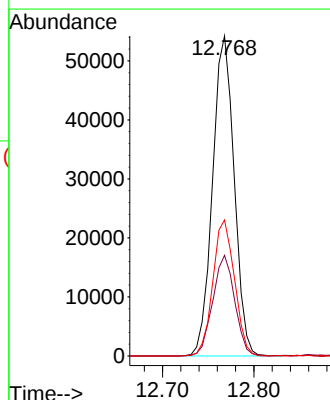
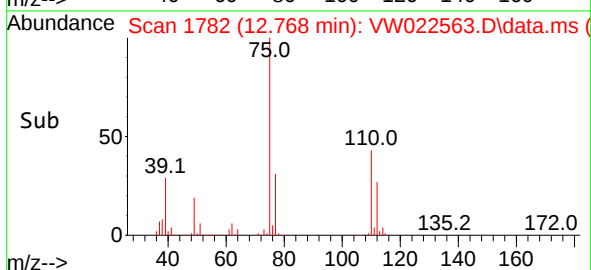
Tgt Ion:105 Resp: 643237
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 16.8 13.7 20.5

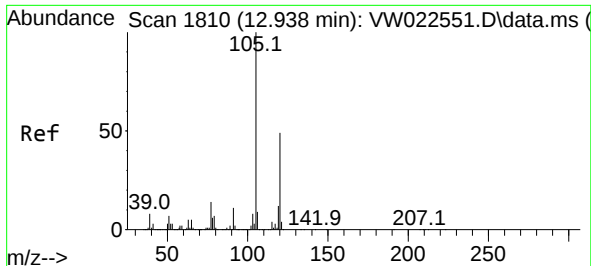


#61
1,2,3-Trichloropropane
Concen: 24.295 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35



Tgt Ion: 75 Resp: 89035
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 42.5 31.8 47.6

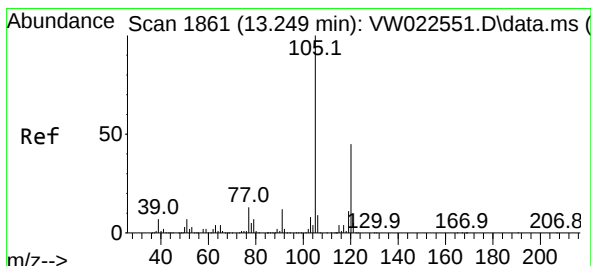
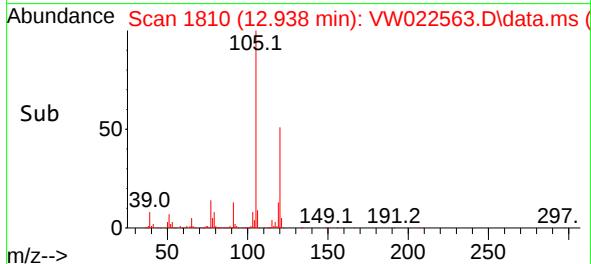
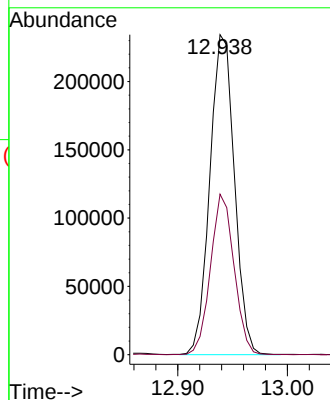
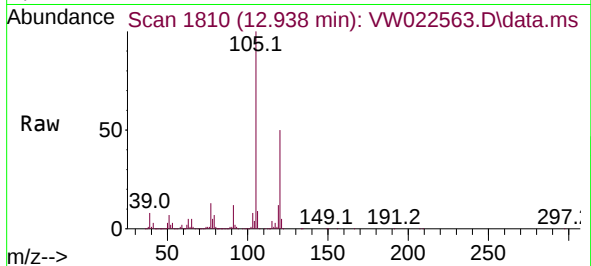




#62
1,3,5-Trimethylbenzene
Concen: 23.202 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

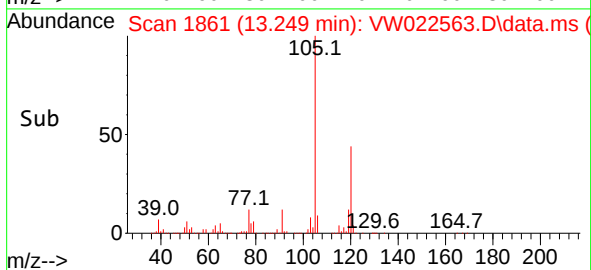
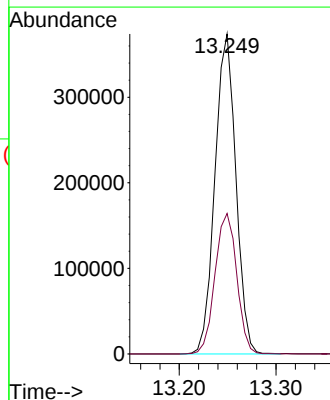
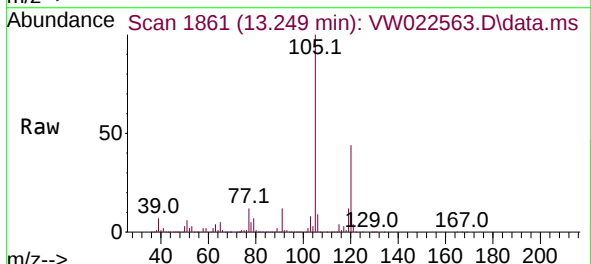
Instrument :
MSVOA_W
ClientSampleId :

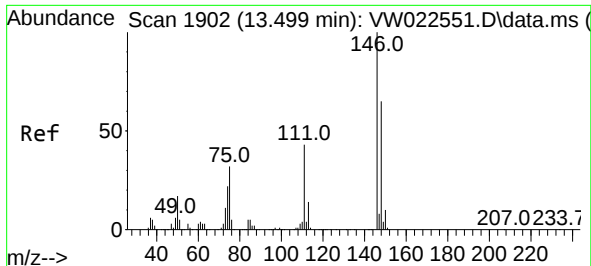
Tgt Ion:105 Resp: 365161
Ion Ratio Lower Upper
105 100
120 48.0 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.480 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion:105 Resp: 561951
Ion Ratio Lower Upper
105 100
120 45.5 34.2 51.2

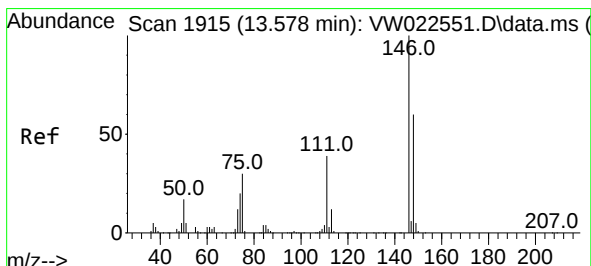
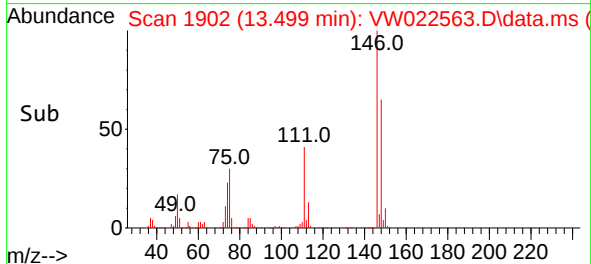
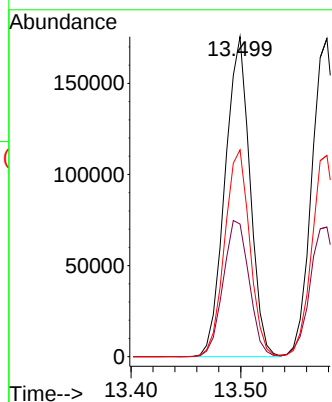
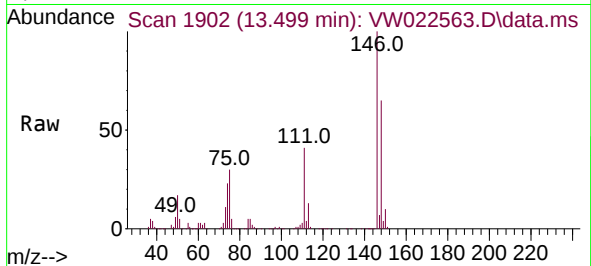




#64
1,3-Dichlorobenzene
Concen: 23.913 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

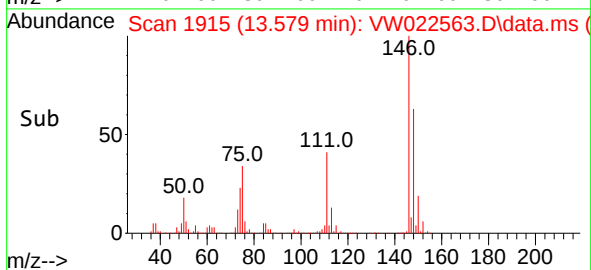
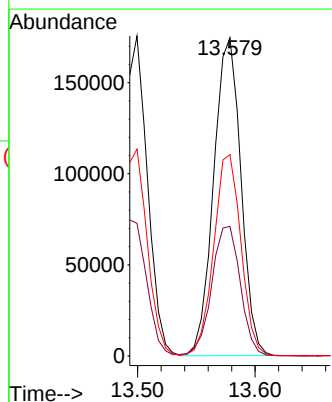
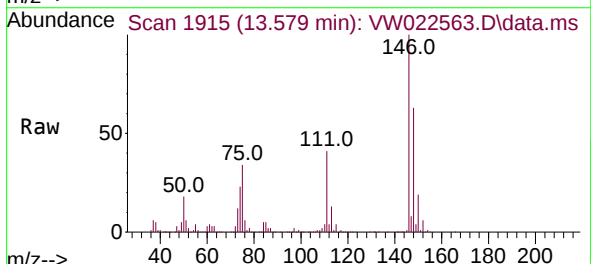
Instrument :
MSVOA_W
ClientSampleId :

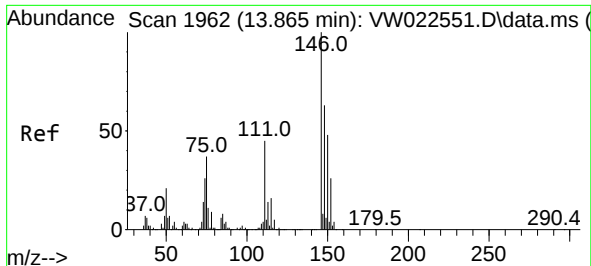
Tgt Ion:146 Resp: 277742
Ion Ratio Lower Upper
146 100
111 41.5 28.2 52.4
148 64.6 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.308 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022563.D
Acq: 15 Apr 2022 17:35

Tgt Ion:146 Resp: 281569
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.810 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

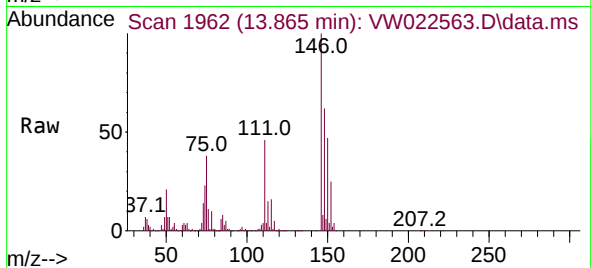
Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :



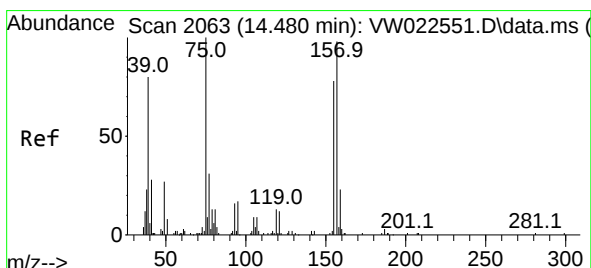
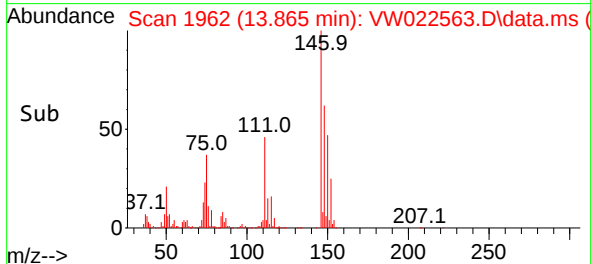
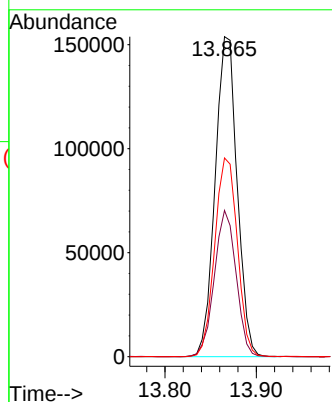
Tgt Ion:146 Resp: 257708

Ion Ratio Lower Upper

146 100

111 45.7 39.0 58.4

148 62.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.146 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

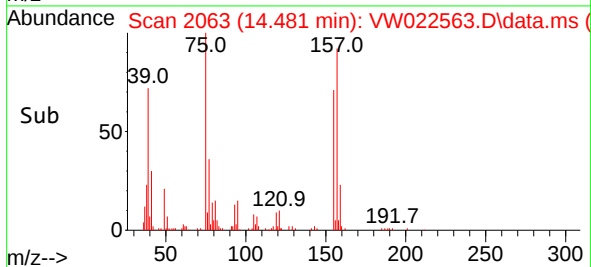
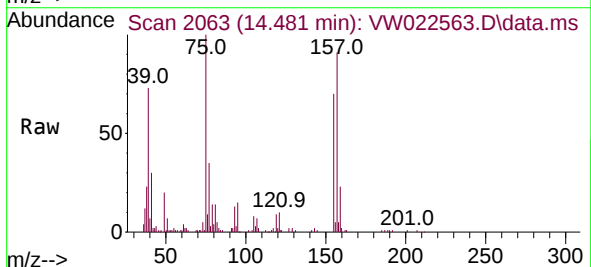
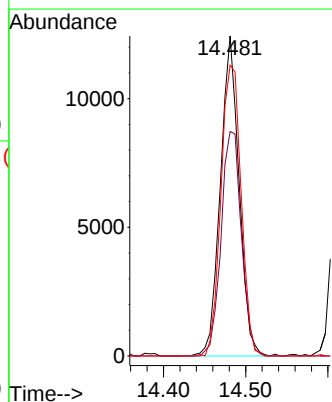
Tgt Ion: 75 Resp: 19673

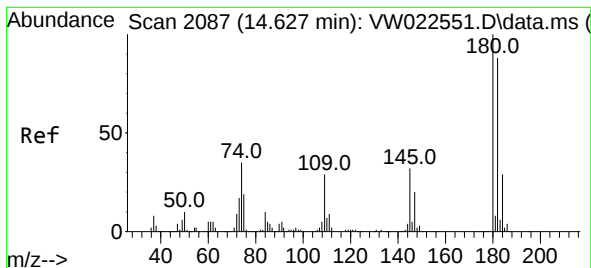
Ion Ratio Lower Upper

75 100

155 70.2 55.6 83.4

157 90.8 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 24.916 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

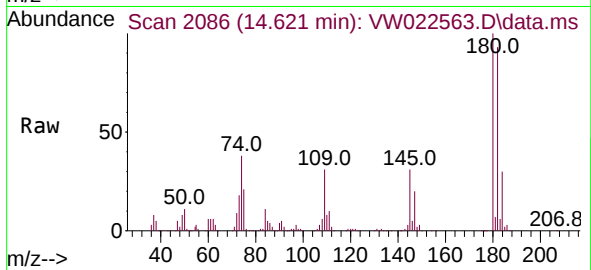
Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 188809

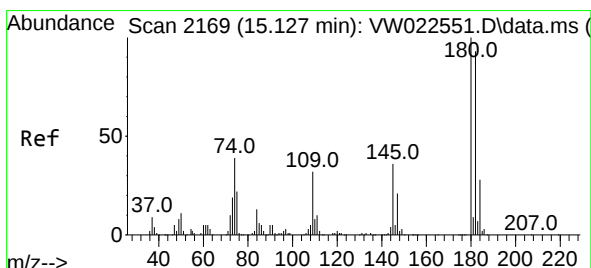
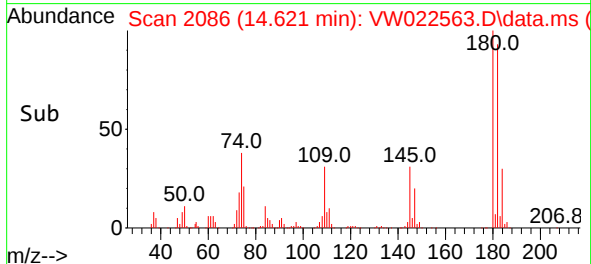
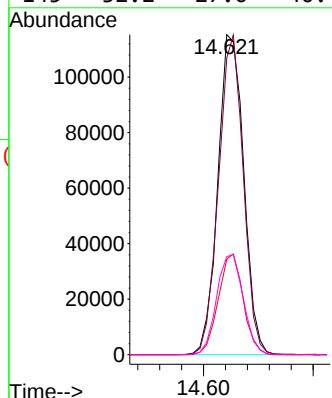
Ion Ratio Lower Upper

180 100

182 95.1 79.1 118.7

184 30.3 24.5 36.7

145 32.2 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 23.866 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

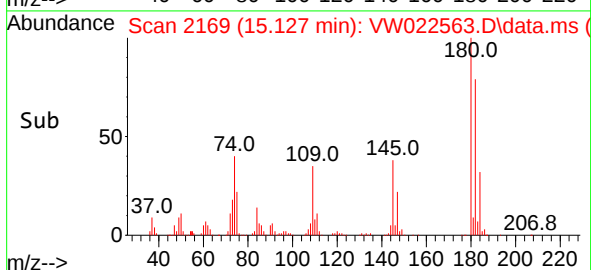
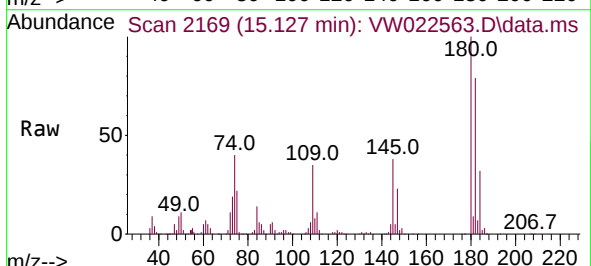
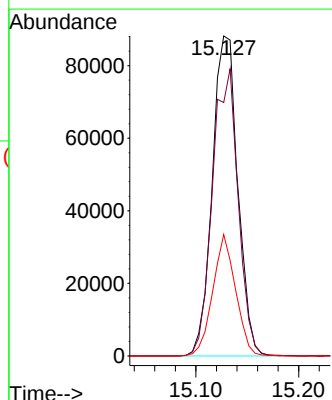
Tgt Ion:180 Resp: 151890

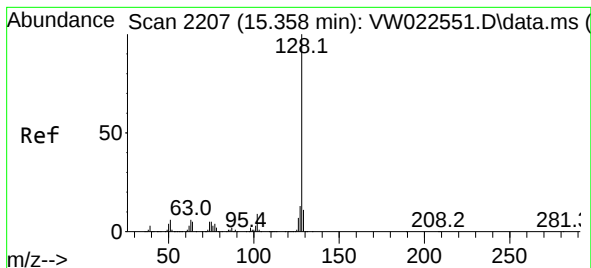
Ion Ratio Lower Upper

180 100

182 90.2 72.8 109.2

145 34.0 25.5 38.3





#71

Naphthalene

Concen: 25.525 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Instrument :

MSVOA_W

ClientSampleId :

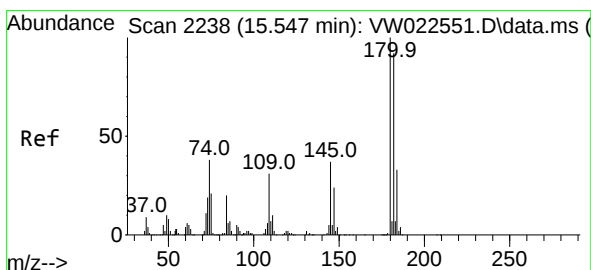
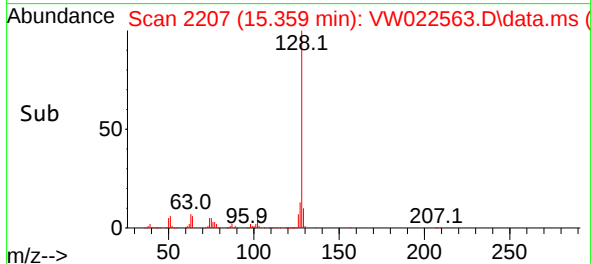
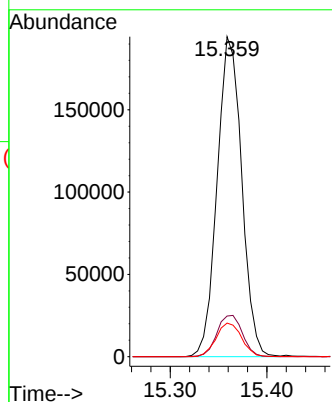
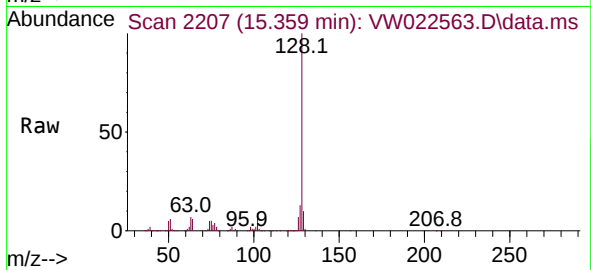
Tgt Ion:128 Resp: 342630

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.775 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022563.D

Acq: 15 Apr 2022 17:35

Tgt Ion:180 Resp: 134777

Ion Ratio Lower Upper

180 100

182 92.1 73.4 110.0

145 35.4 27.0 40.6

