

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021830.D
 Acq On : 11 Jan 2022 13:27
 Operator : SY/VA
 Sample : VSTD02546
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 13:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 11 13:58:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	129016	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	124604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	58579	23.655	ug/L	0.00
7) Chloroethane-d5	2.885	69	49614	28.317	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	92422	25.004	ug/L	0.00
21) 2-Butanone-d5	7.098	46	15677	44.437	ug/L	0.00
24) Chloroform-d	7.652	84	99664	24.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	47208	22.744	ug/L	0.00
32) Benzene-d6	8.274	84	197562	26.248	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	52388	25.751	ug/L	0.00
41) Toluene-d8	10.323	98	196967	26.199	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	21742	22.845	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	14656	49.332	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	39942	24.469	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	73846	25.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11285	16.401	ug/L	99
3) Chloromethane	2.214	50	44052	23.011	ug/L	99
5) Vinyl chloride	2.361	62	64716	22.953	ug/L	100
6) Bromomethane	2.781	94	42177	22.934	ug/L	98
8) Chloroethane	2.922	64	36885	26.508	ug/L	95
9) Trichlorofluoromethane	3.257	101	47945	26.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	52361	24.722	ug/L	90
12) 1,1-Dichloroethene	4.043	96	47458	24.977	ug/L	73
13) Acetone	4.147	43	4829	15.940	ug/L	# 1
14) Carbon disulfide	4.385	76	126761	23.641	ug/L	100
15) Methyl Acetate	4.683	43	13101	22.839	ug/L	# 83
16) Methylene chloride	4.921	84	48471	21.144	ug/L	79
17) trans-1,2-Dichloroethene	5.427	96	51933	25.682	ug/L	78
18) Methyl tert-butyl Ether	5.433	73	65973	24.186	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	76804	24.644	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	52963	25.364	ug/L	66
22) 2-Butanone	7.183	43	16933	41.943	ug/L	# 75
23) Bromochloromethane	7.518	128	26481	26.150	ug/L	# 60
25) Chloroform	7.677	83	89161	24.786	ug/L	98
27) 1,2-Dichloroethane	8.402	62	51492	22.639	ug/L	# 90
29) Cyclohexane	7.957	56	72584	25.234	ug/L	# 76
30) 1,1,1-Trichloroethane	7.878	97	83220	25.306	ug/L	# 92
31) Carbon tetrachloride	8.073	117	82182	25.566	ug/L	99
33) Benzene	8.329	78	193004	25.348	ug/L	100
34) Trichloroethene	9.097	95	55870	25.732	ug/L	86
35) Methylcyclohexane	9.335	83	94016	26.224	ug/L	# 80
37) 1,2-Dichloropropane	9.372	63	42501	25.181	ug/L	# 94
38) Bromodichloromethane	9.646	83	59993	23.723	ug/L	# 97
39) cis-1,3-Dichloropropene	10.073	75	67908	25.020	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	38521	43.570	ug/L	# 86
42) Toluene	10.390	91	219861	25.075	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	57828	24.047	ug/L	99

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 Response via : Initial Calibration

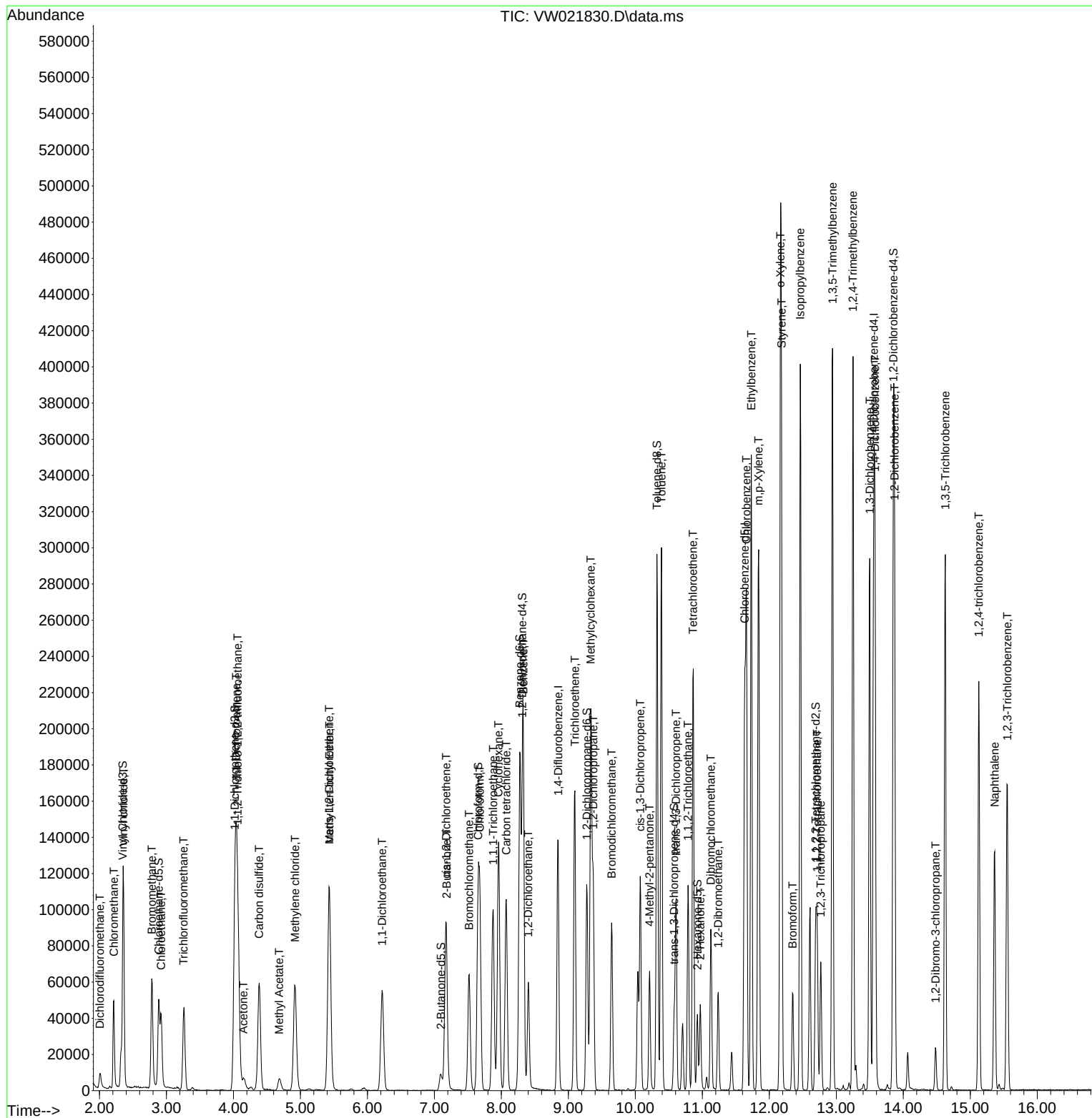
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	35876	25.767	ug/L	91
46) Tetrachloroethene	10.859	164	53566	26.284	ug/L	98
48) 2-Hexanone	10.969	43	27491	46.237	ug/L #	87
49) Dibromochloromethane	11.127	129	46233	24.945	ug/L	99
50) 1,2-Dibromoethane	11.237	107	35328	25.602	ug/L #	98
51) Chlorobenzene	11.658	112	153436	26.726	ug/L #	88
52) Ethylbenzene	11.731	91	246387	25.063	ug/L	95
53) m,p-Xylene	11.841	106	102868	25.934	ug/L	80
54) o-Xylene	12.164	106	96173	25.706	ug/L	88
55) Styrene	12.182	104	161556	25.246	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	38283	25.319	ug/L #	96
59) Bromoform	12.347	173	25807	24.440	ug/L #	94
60) Isopropylbenzene	12.463	105	268099	25.572	ug/L	93
61) 1,2,3-Trichloropropane	12.767	75	27235	24.282	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	225898	25.599	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	220053	25.313	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	132090	26.496	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	126288	25.483	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	114523	26.474	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.480	75	5172	21.766	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.627	180	97189	26.775	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	75559	26.271	ug/L	95
71) Naphthalene	15.364	128	120420	25.992	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	63854	26.173	ug/L	96

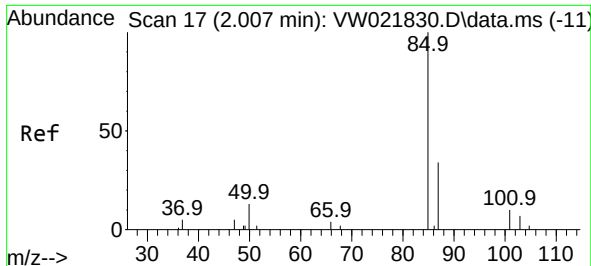
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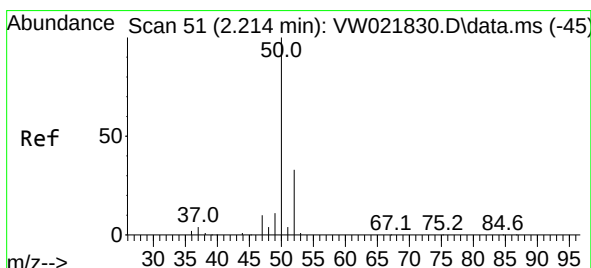
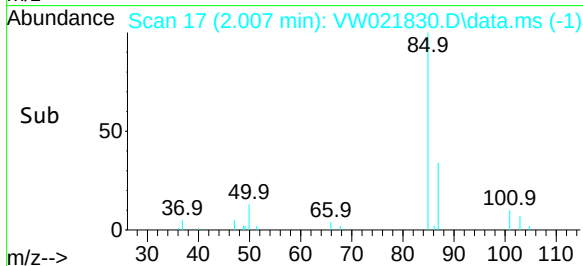
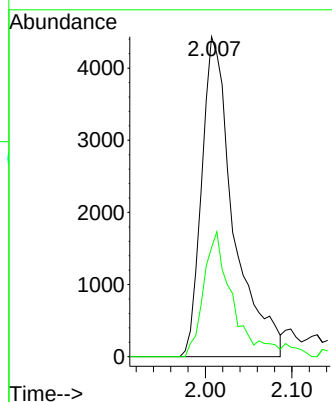
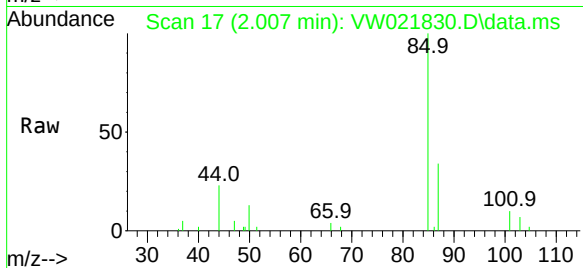




#2
 Dichlorodifluoromethane
 Concen: 16.401 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

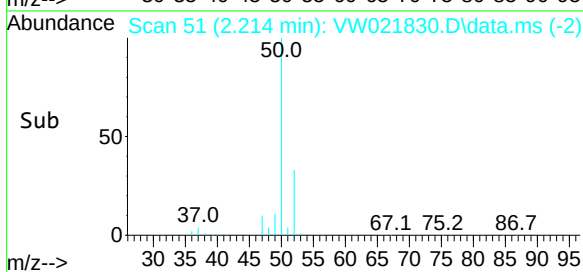
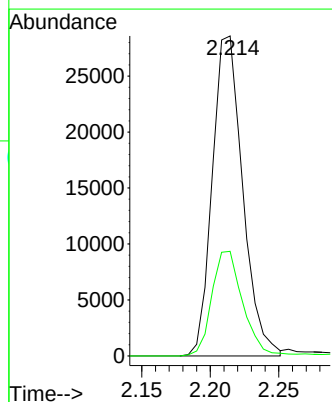
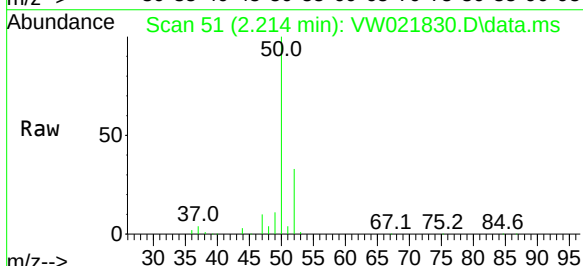
Instrument :
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 ClientSampleId :

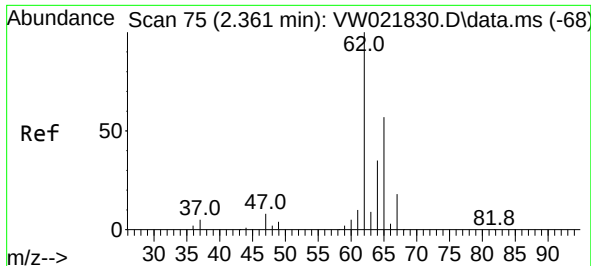
Tgt Ion: 85 Resp: 11285
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 23.011 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

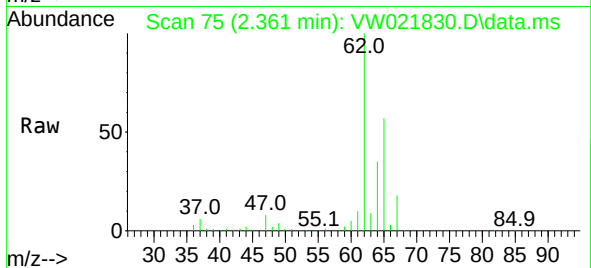
Tgt Ion: 50 Resp: 44052
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.6



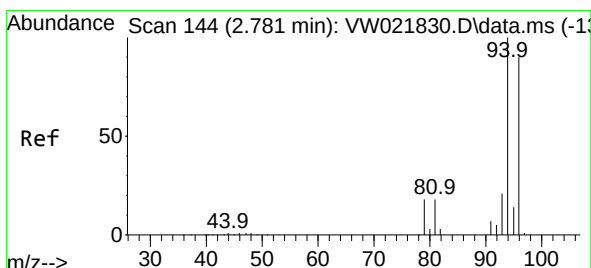
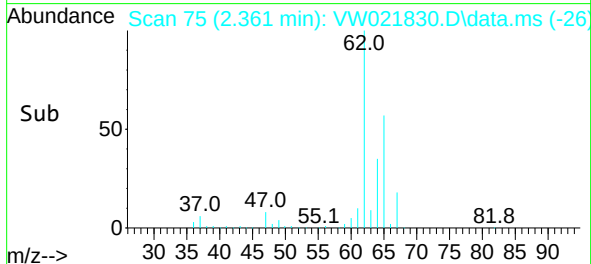
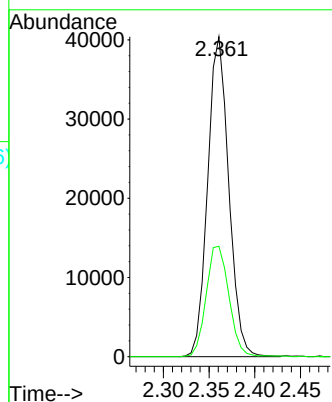


#5
 Vinyl chloride
 Concen: 22.953 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

Instrument :
 MSVOA_W
 ClientSampleId :

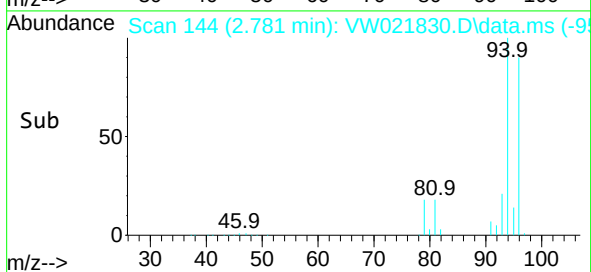
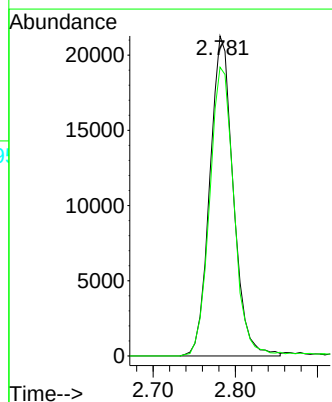
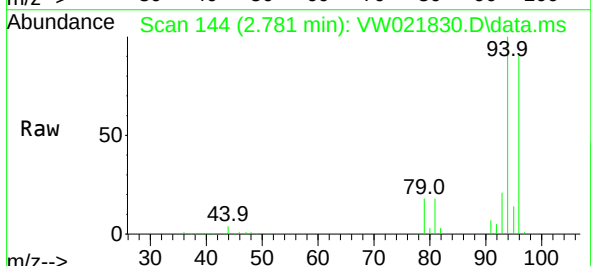


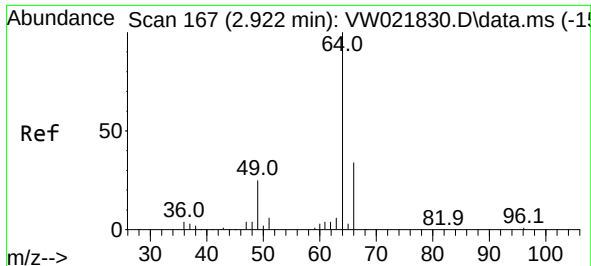
Tgt Ion: 62 Resp: 64716
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.4 45.2



#6
 Bromomethane
 Concen: 22.934 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

Tgt Ion: 94 Resp: 42177
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.8 120.4

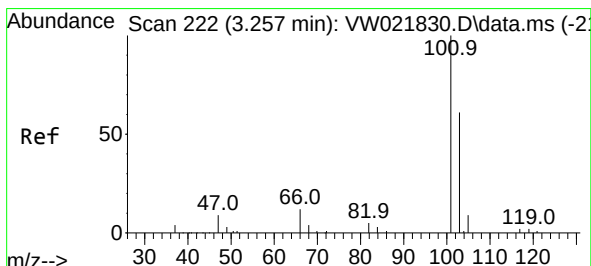
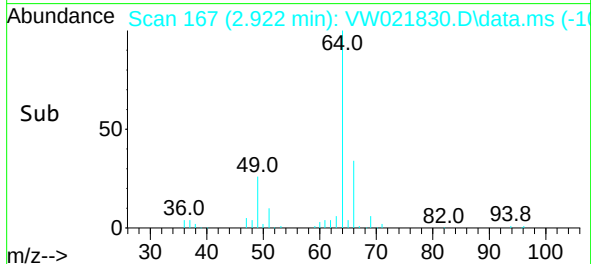
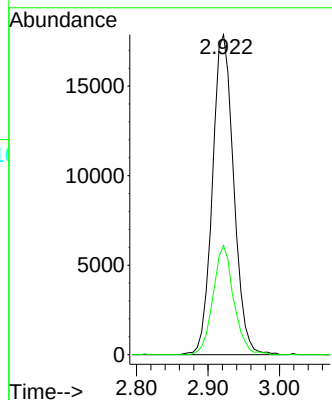
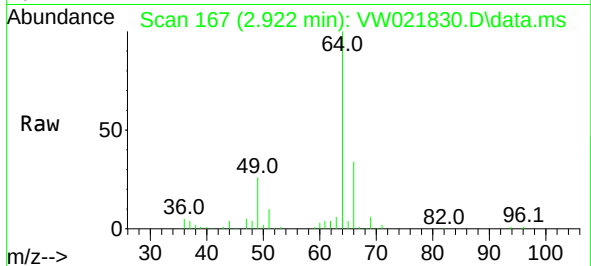




#8
Chloroethane
Concen: 26.508 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

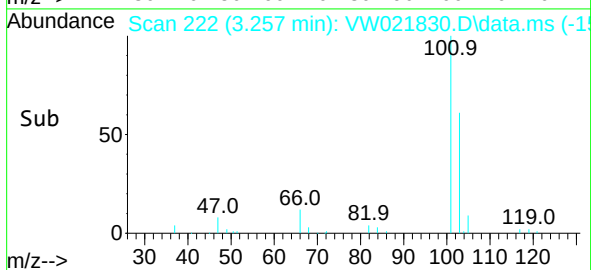
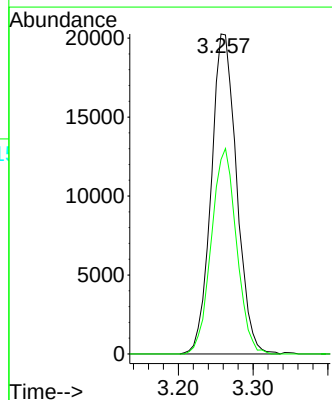
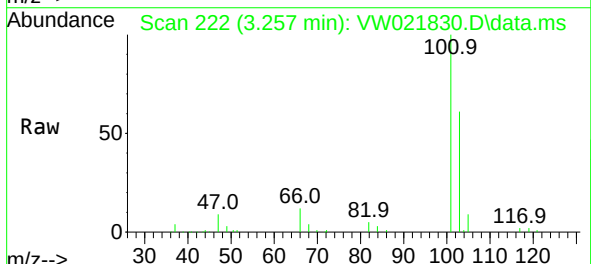
Instrument :
MSVOA_W
ClientSampleId :

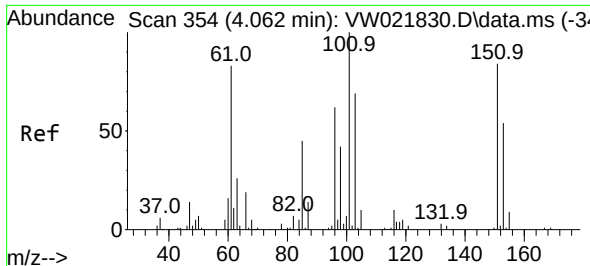
Tgt Ion: 64 Resp: 36885
Ion Ratio Lower Upper
64 100
66 34.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.921 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion:101 Resp: 47945
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

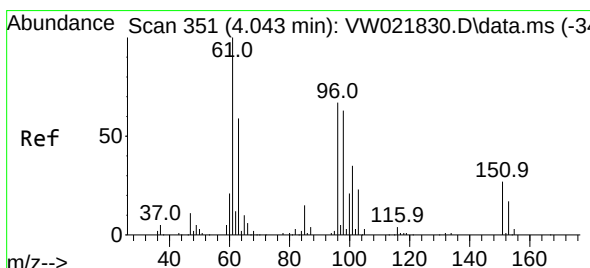
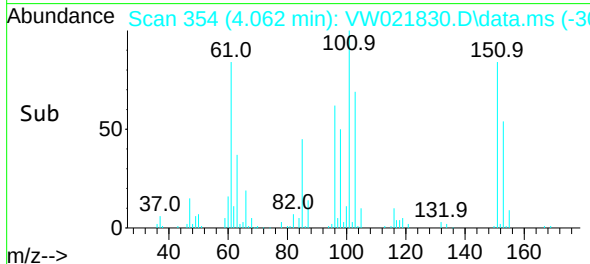
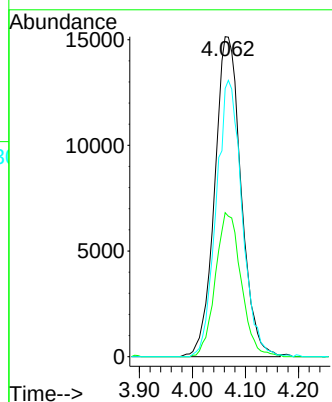
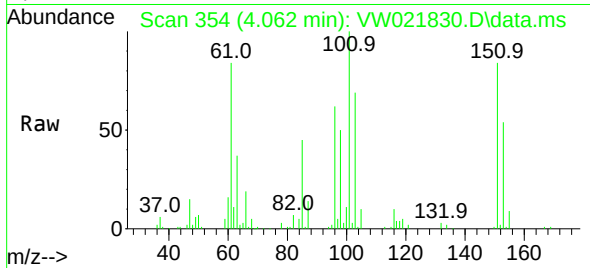




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.722 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

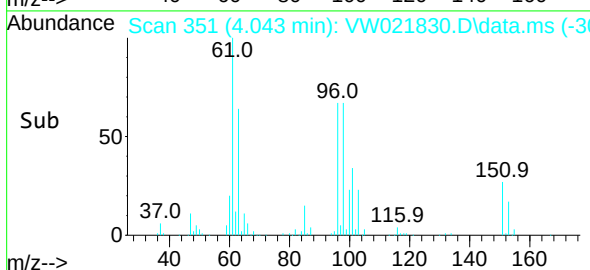
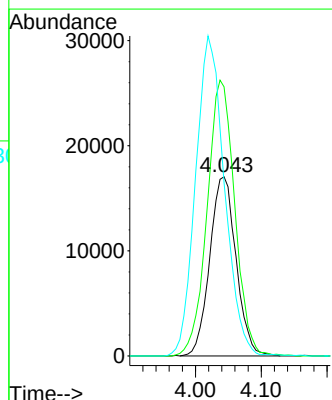
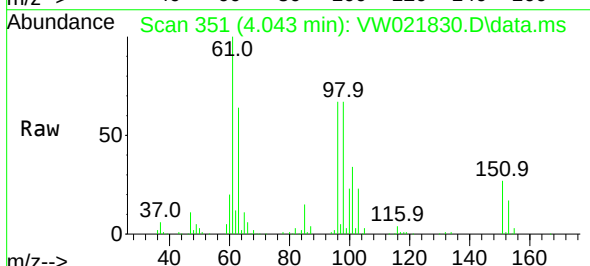
Instrument :
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 ClientSampleId :

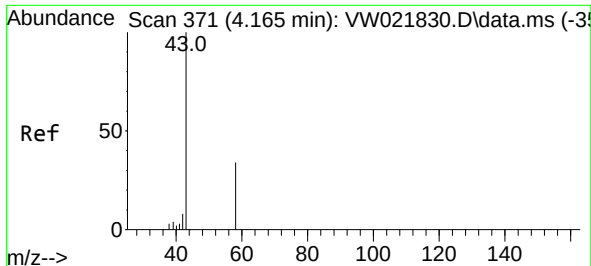
Tgt Ion:101 Resp: 52361
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.6 54.8
 151 84.5 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.977 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

Tgt Ion: 96 Resp: 47458
 Ion Ratio Lower Upper
 96 100
 61 150.1 138.3 256.9
 63 96.7 82.6 153.4





#13

Acetone

Concen: 15.940 ug/L

RT: 4.147 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

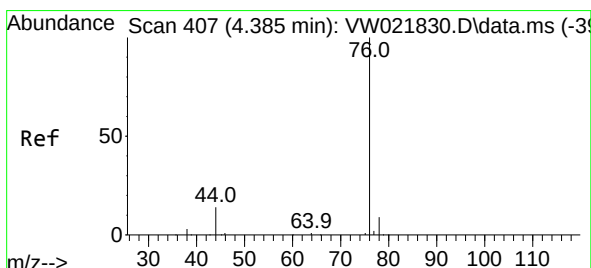
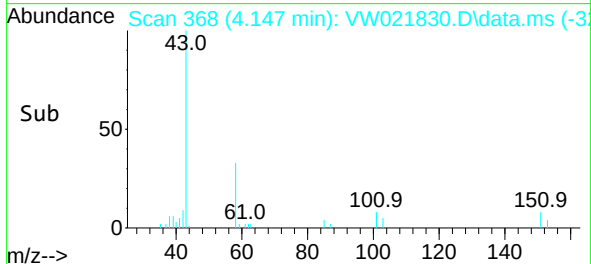
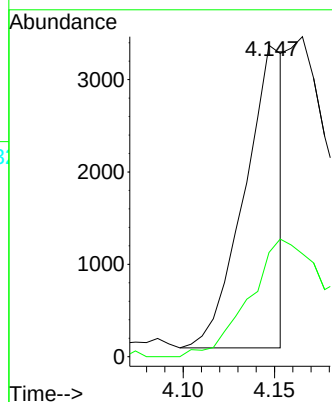
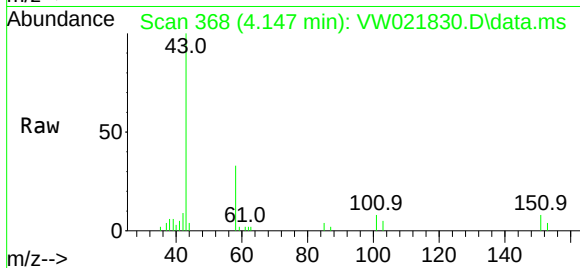
ClientSampleId :

Tgt Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

58 86.2 0.0 52.8#



#14

Carbon disulfide

Concen: 23.641 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021830.D

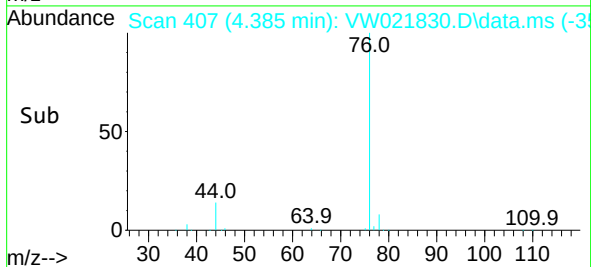
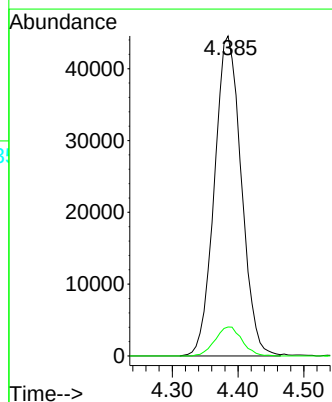
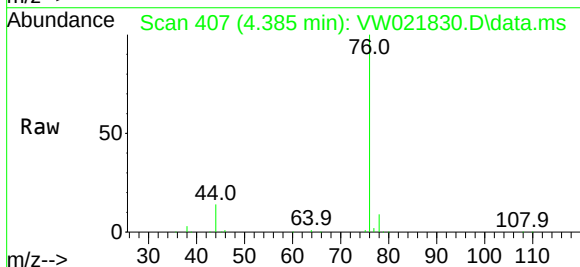
Acq: 11 Jan 2022 13:27

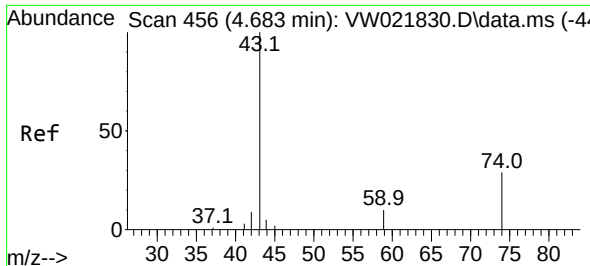
Tgt Ion: 76 Resp: 126761

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

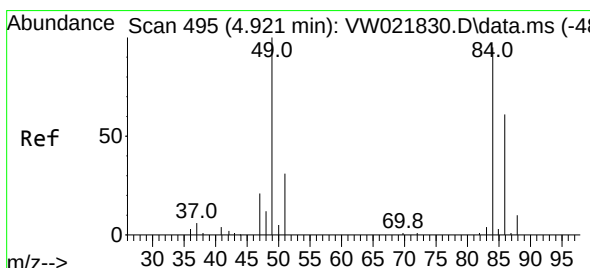
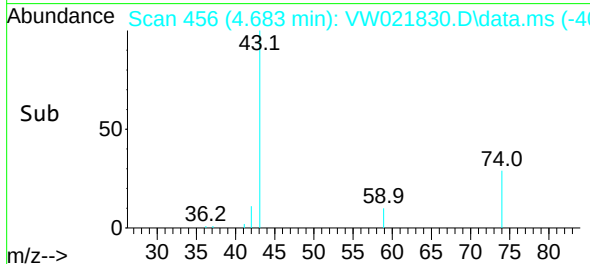
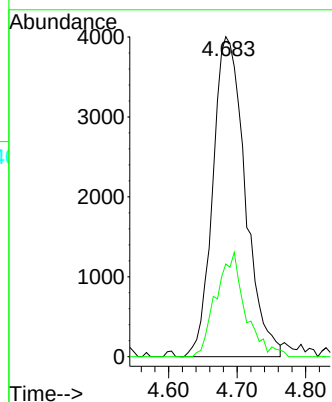
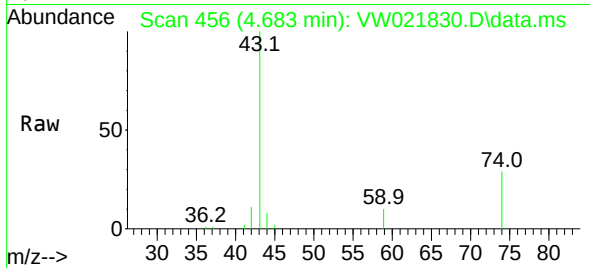




#15
Methyl Acetate
Concen: 22.839 ug/L
RT: 4.683 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

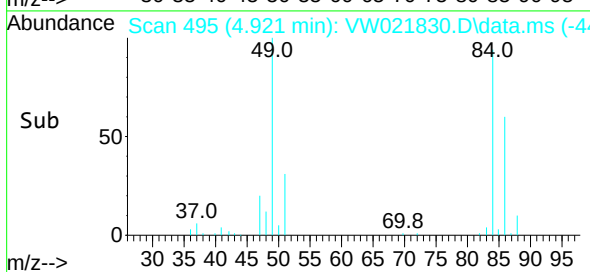
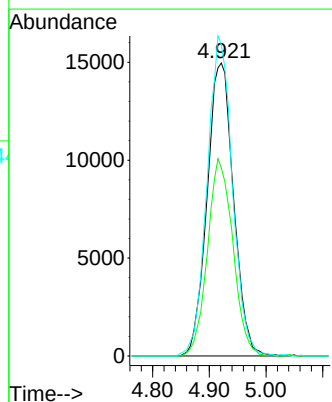
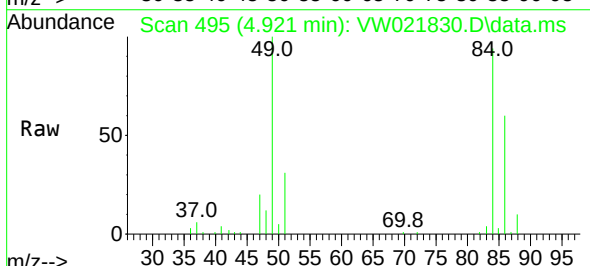
Instrument :
MSVOA_W
ClientSampleId :

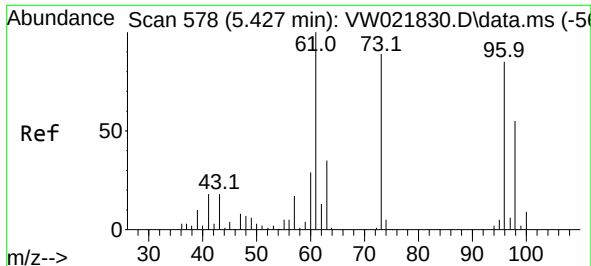
Tgt Ion: 43 Resp: 13101
Ion Ratio Lower Upper
43 100
74 28.5 16.4 24.6#



#16
Methylene chloride
Concen: 21.144 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

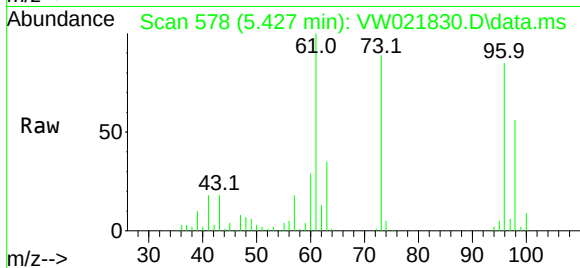
Tgt Ion: 84 Resp: 48471
Ion Ratio Lower Upper
84 100
86 64.2 45.5 84.5
49 106.3 100.5 186.7





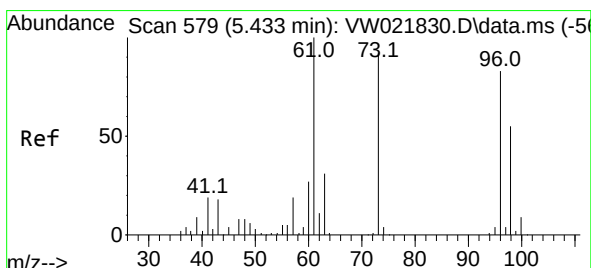
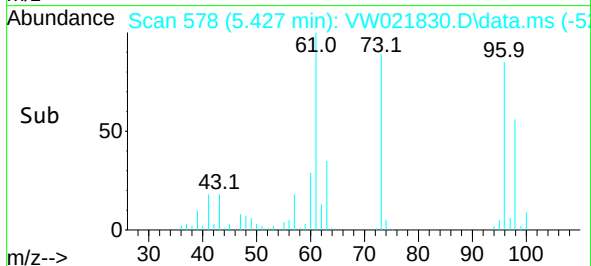
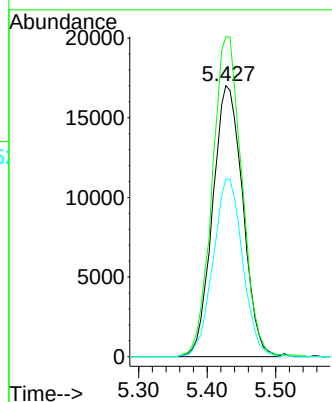
#17
trans-1,2-Dichloroethene
Concen: 25.682 ug/L
RT: 5.427 min Scan# 519
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 51933

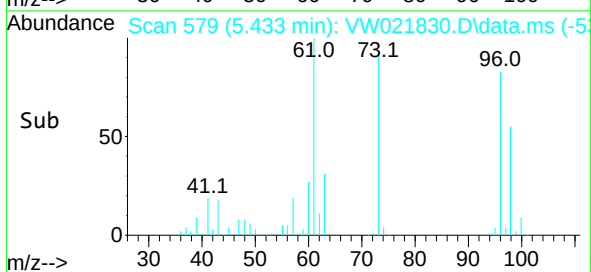
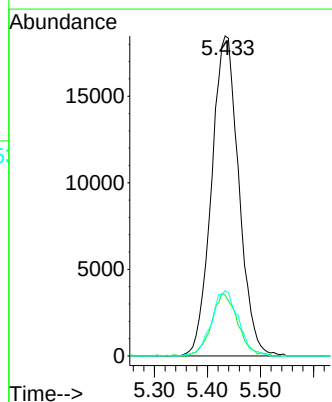
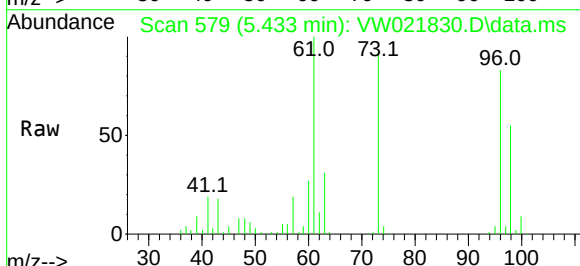
Ion	Ratio	Lower	Upper
96	100		
61	118.0	107.4	199.4
98	65.6	41.2	76.6

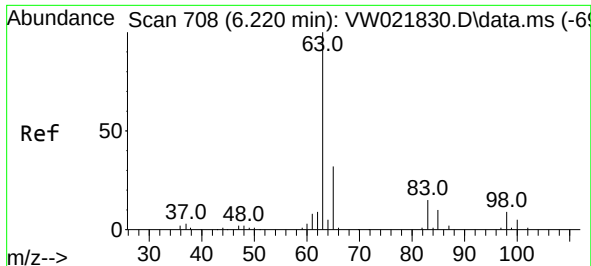


#18
Methyl tert-butyl Ether
Concen: 24.186 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion: 73 Resp: 65973

Ion	Ratio	Lower	Upper
73	100		
43	18.5	19.5	29.3#
57	20.3	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.644 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021830.D

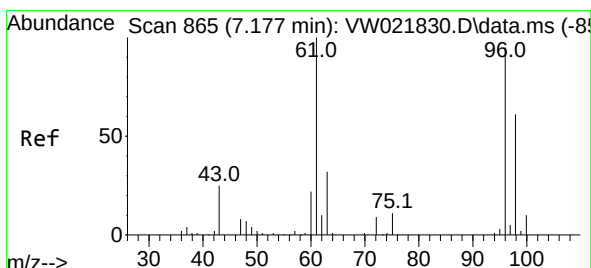
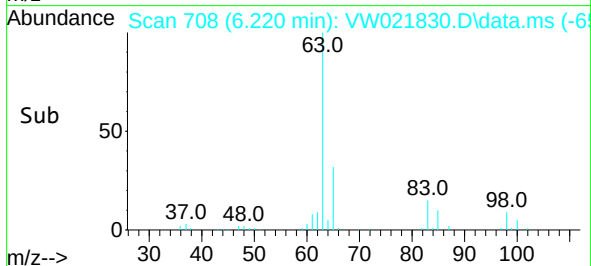
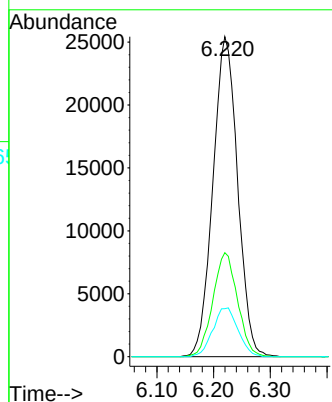
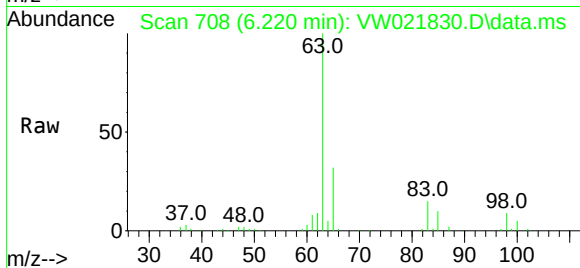
Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 76804
Ion Ratio	Lower Upper
63 100	
65 32.5	22.1 41.1
83 15.0	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.364 ug/L

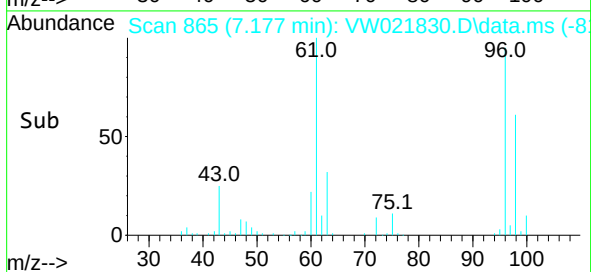
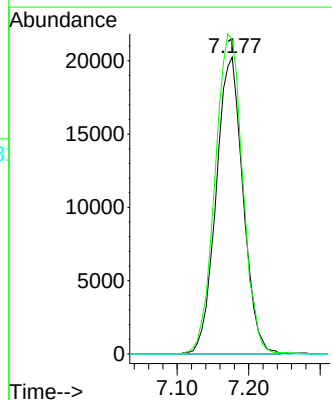
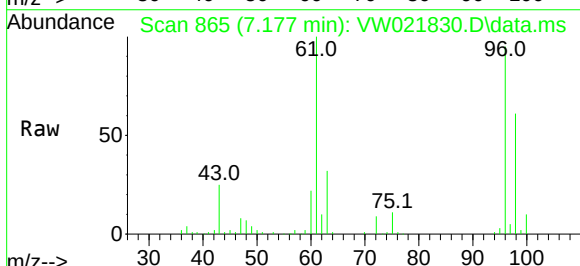
RT: 7.177 min Scan# 865

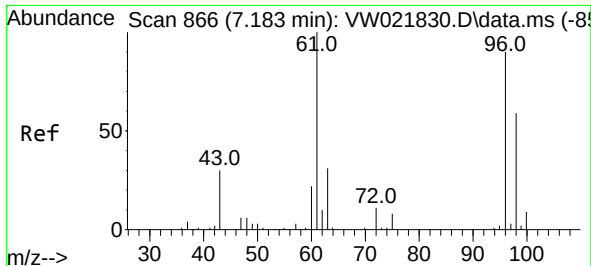
Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Tgt Ion: 96	Resp: 52963
Ion Ratio	Lower Upper
96 100	
61 105.7	103.7 192.7
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 41.943 ug/L

RT: 7.183 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

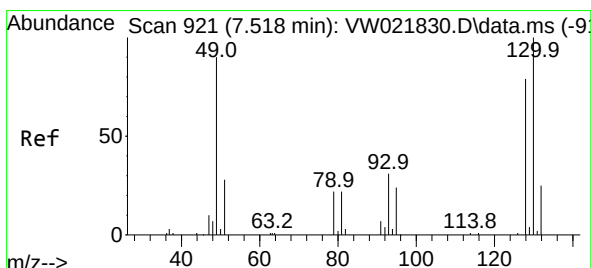
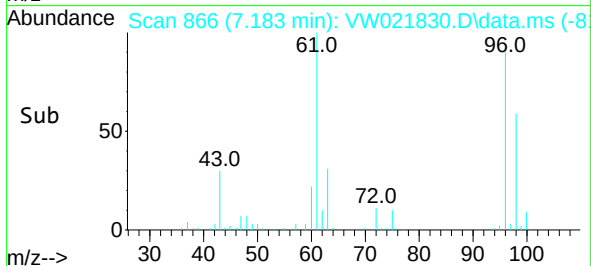
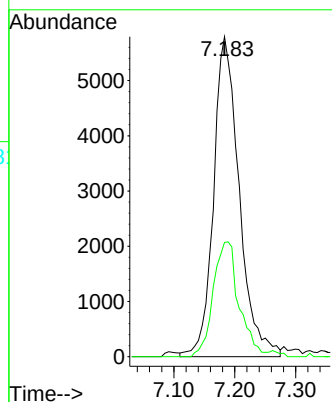
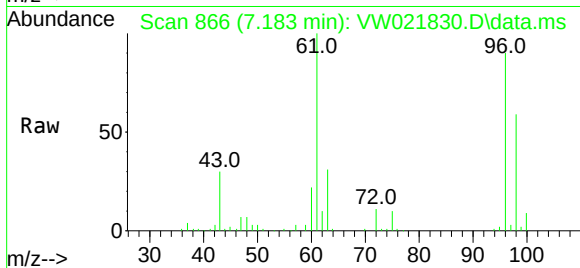
ClientSampleId :

Tgt Ion: 43 Resp: 16933

Ion Ratio Lower Upper

43 100

72 36.0 11.8 35.4#



#23

Bromochloromethane

Concen: 26.150 ug/L

RT: 7.518 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Tgt Ion: 128 Resp: 26481

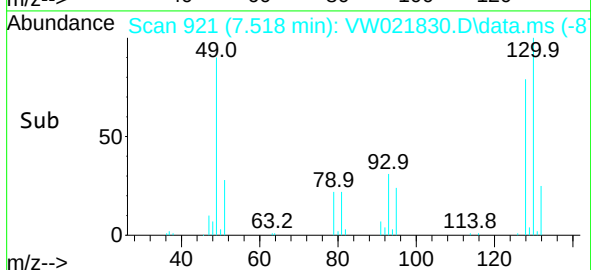
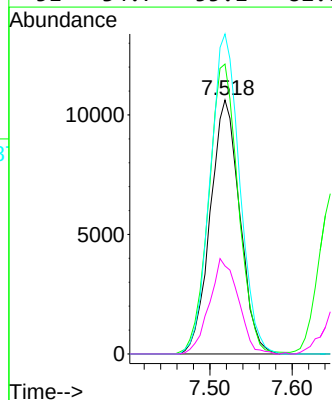
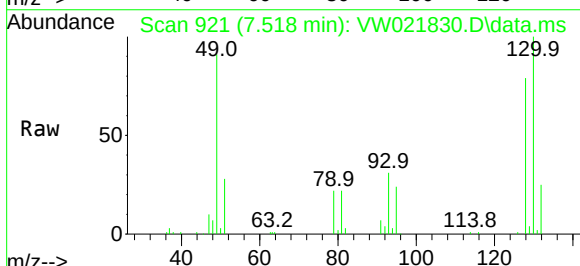
Ion Ratio Lower Upper

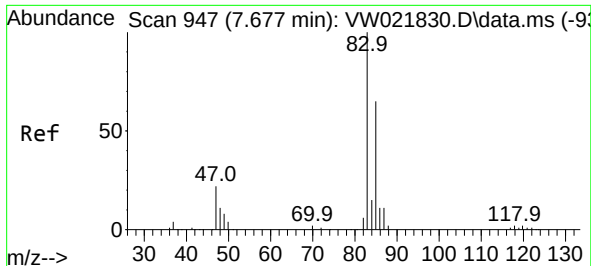
128 100

49 114.2 150.3 279.1#

130 126.0 88.3 163.9

51 34.7 55.1 82.7#

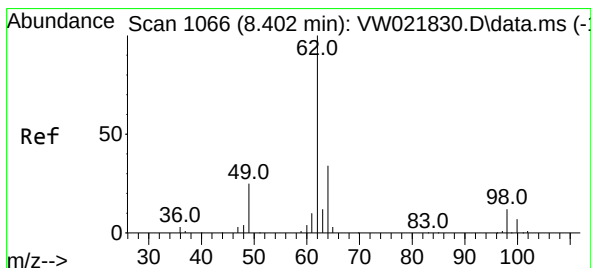
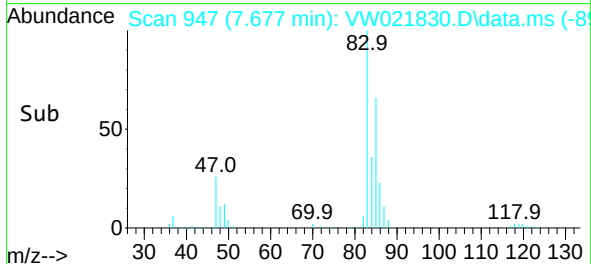
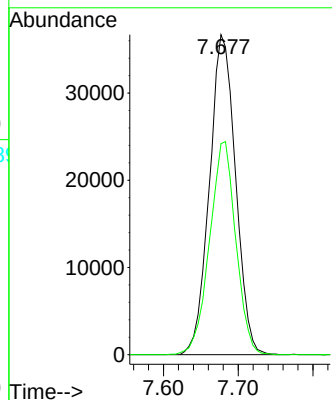
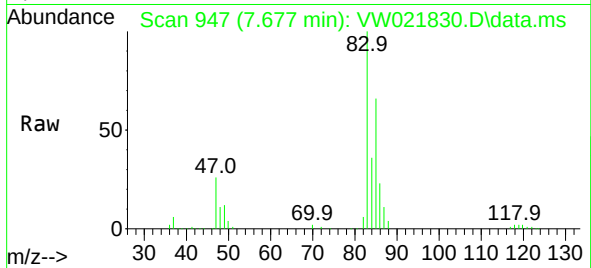




#25
Chloroform
Concen: 24.786 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

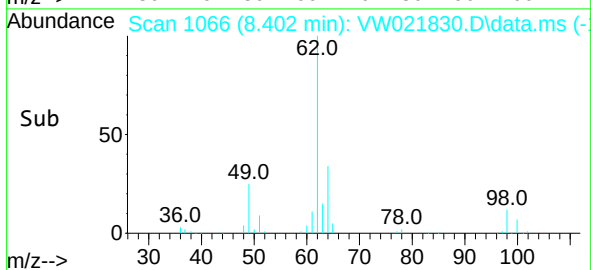
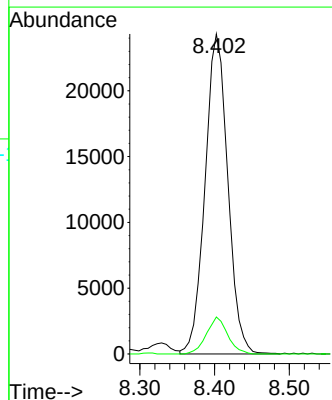
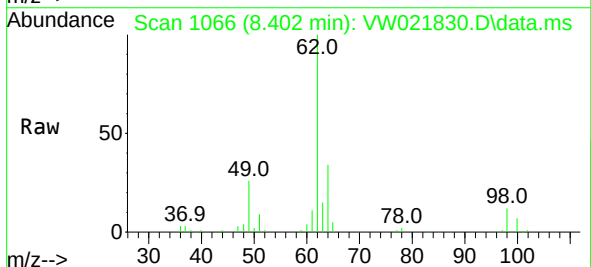
Instrument :
MSVOA_W
ClientSampleId :

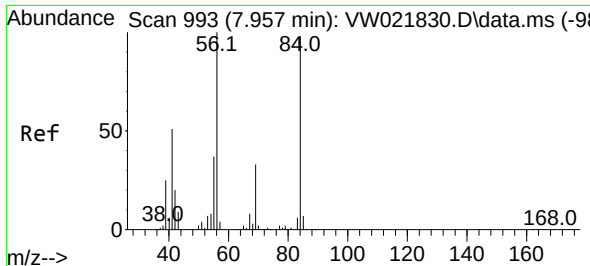
Tgt Ion: 83 Resp: 89161
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.639 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

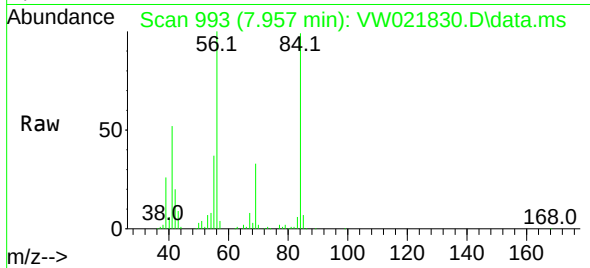
Tgt Ion: 62 Resp: 51492
Ion Ratio Lower Upper
62 100
98 11.6 6.5 9.7#



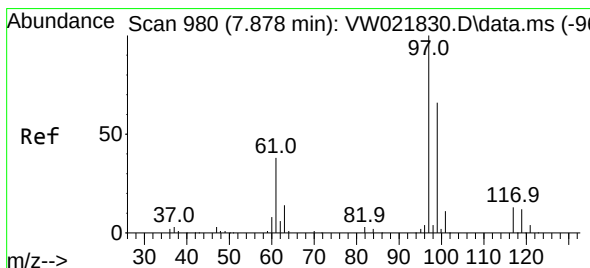
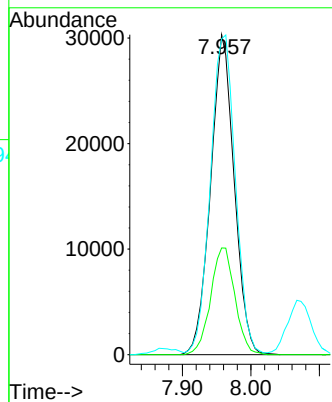
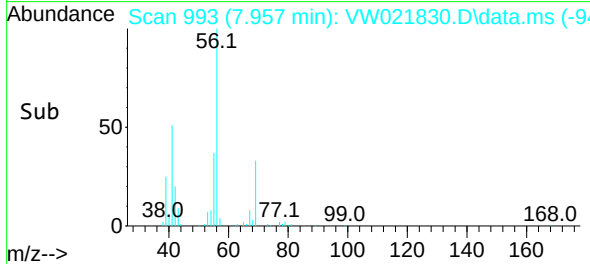


#29
Cyclohexane
Concen: 25.234 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :

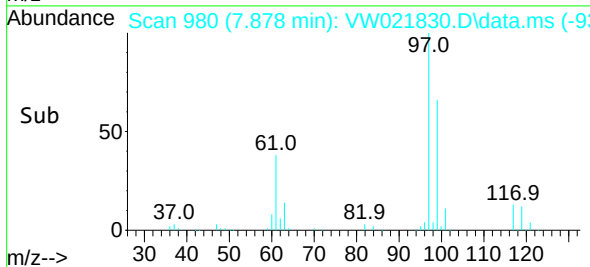
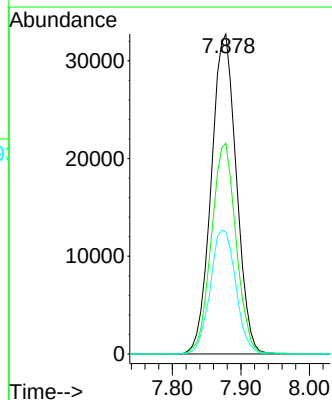
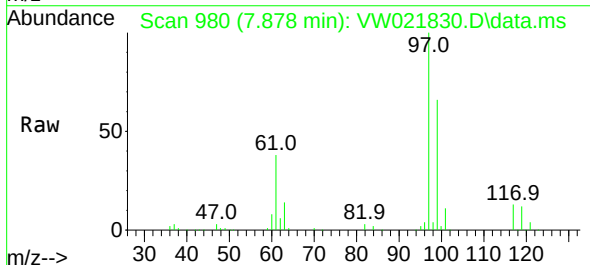


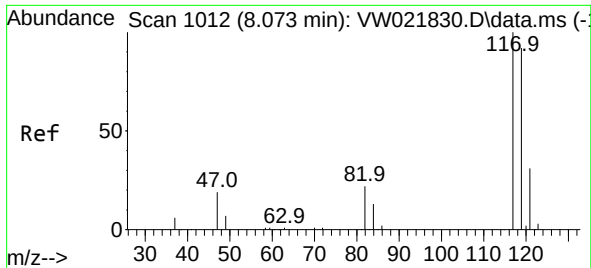
Tgt Ion: 56 Resp: 72584
Ion Ratio Lower Upper
56 100
69 34.3 23.5 35.3
84 105.7 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.306 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

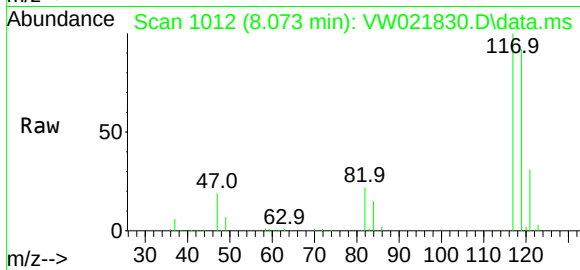
Tgt Ion: 97 Resp: 83220
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 39.4 40.9 61.3#



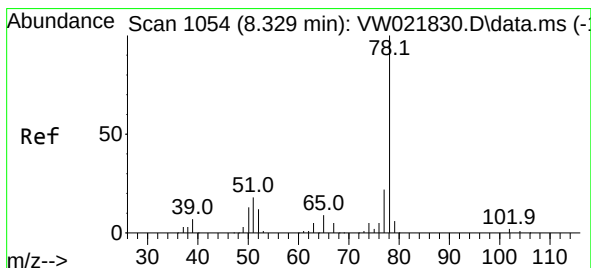
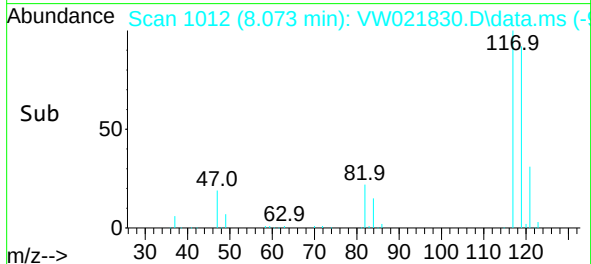
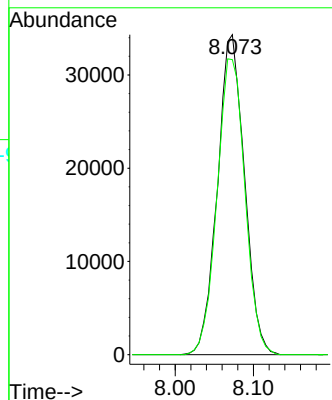


#31
Carbon tetrachloride
Concen: 25.566 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :

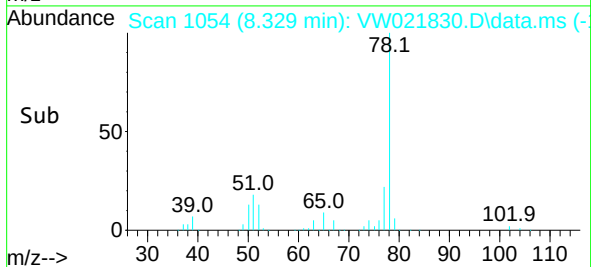
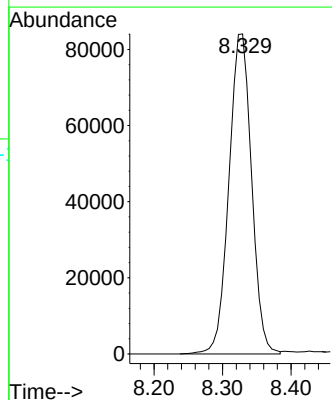
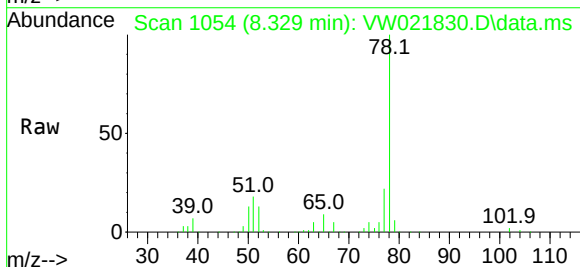


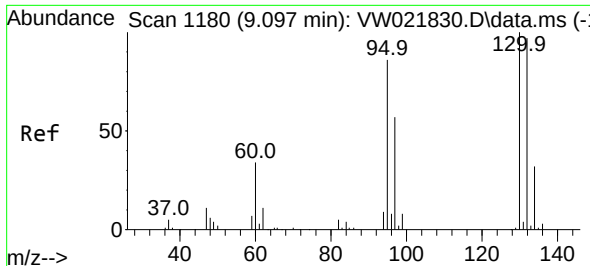
Tgt Ion:117 Resp: 82182
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 25.348 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

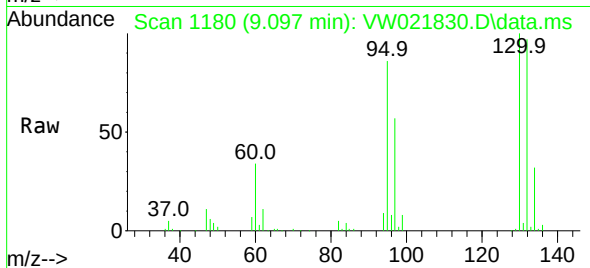
Tgt Ion: 78 Resp: 193004



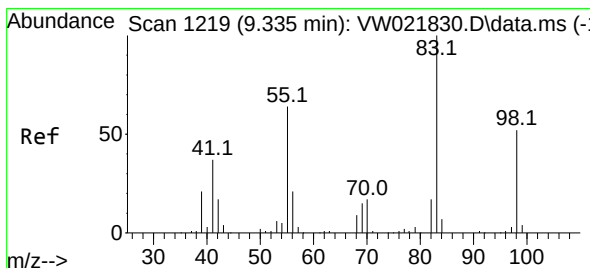
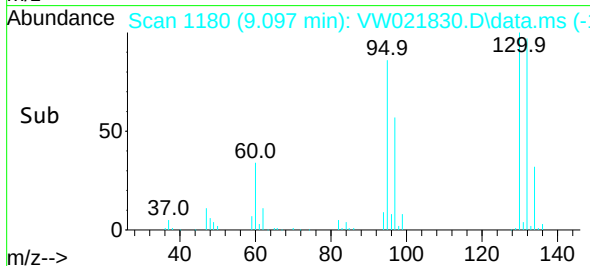
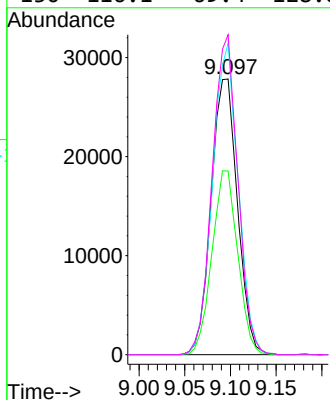


#34
Trichloroethene
Concen: 25.732 ug/L
RT: 9.097 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :

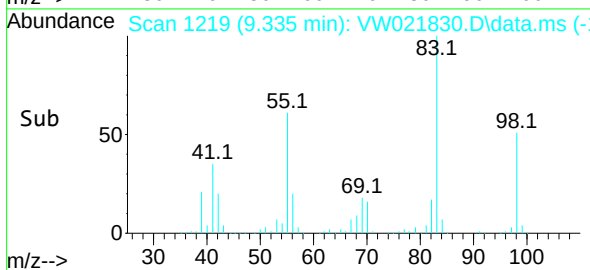
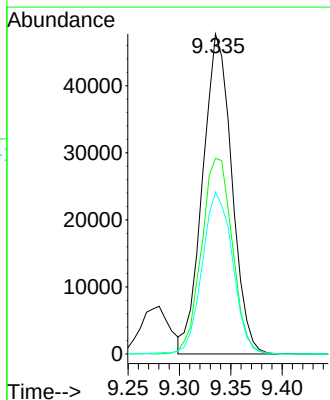
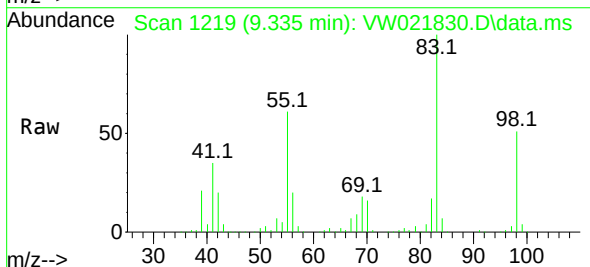


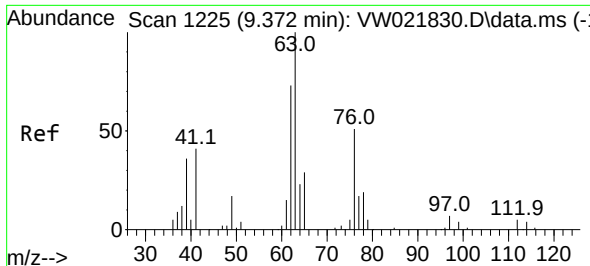
Tgt Ion: 95 Resp: 55870
Ion Ratio Lower Upper
95 100
97 66.6 47.0 87.2
132 113.0 65.5 121.6
130 116.1 69.4 128.8



#35
Methylcyclohexane
Concen: 26.224 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion: 83 Resp: 94016
Ion Ratio Lower Upper
83 100
55 64.6 70.8 106.2#
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.181 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

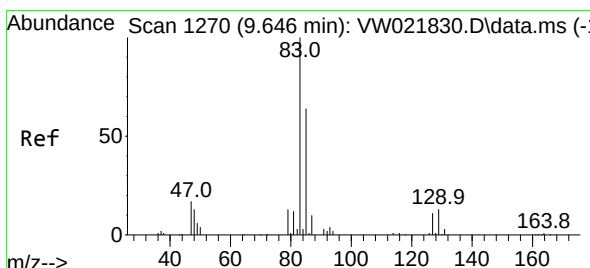
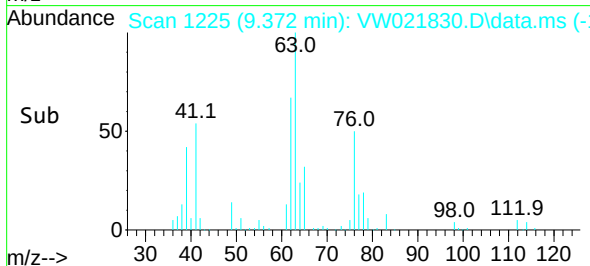
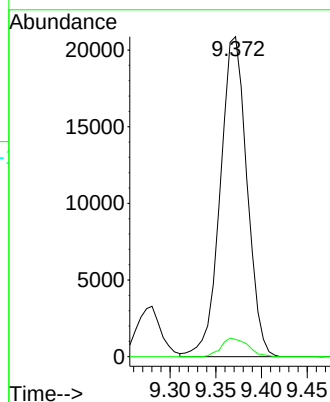
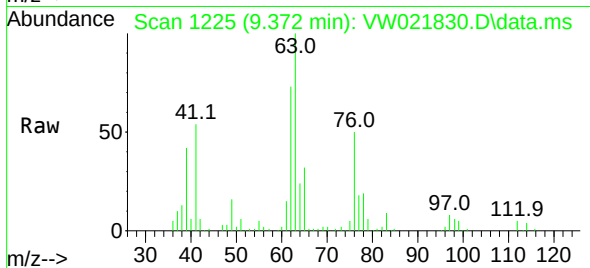
ClientSampleId :

Tgt Ion: 63 Resp: 42501

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.723 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

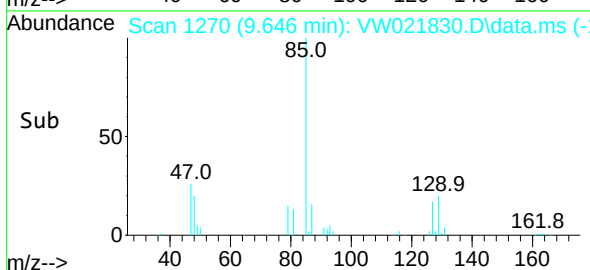
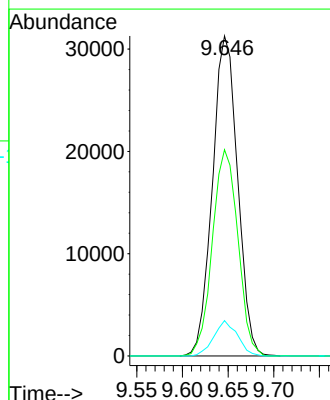
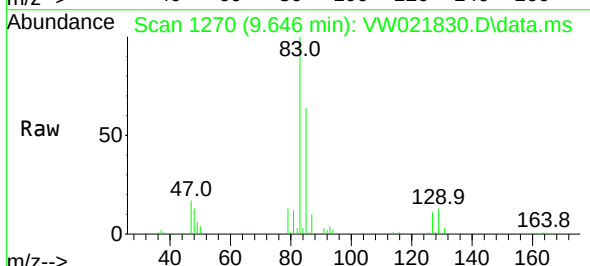
Tgt Ion: 83 Resp: 59993

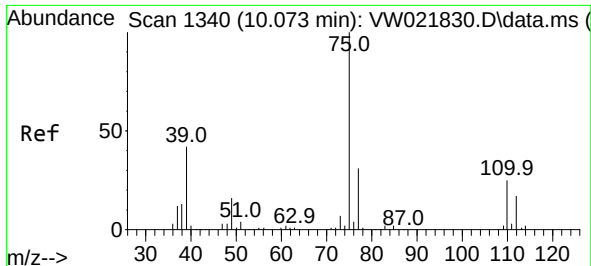
Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

127 11.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.020 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

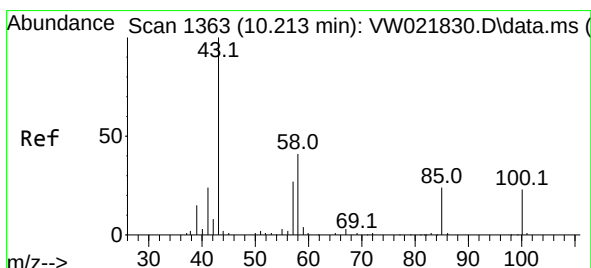
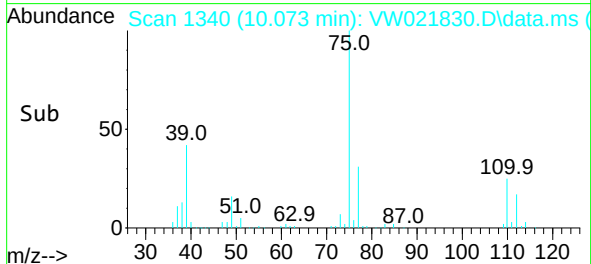
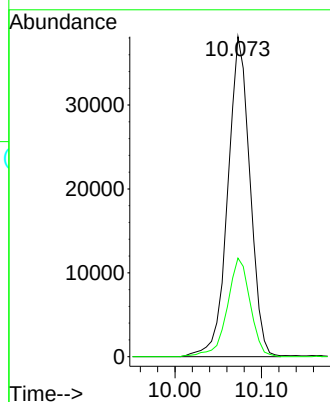
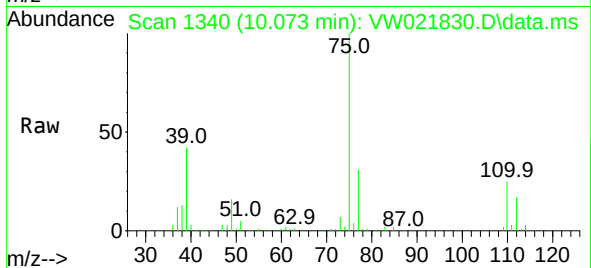
ClientSampleId :

Tgt Ion: 75 Resp: 67908

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.570 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

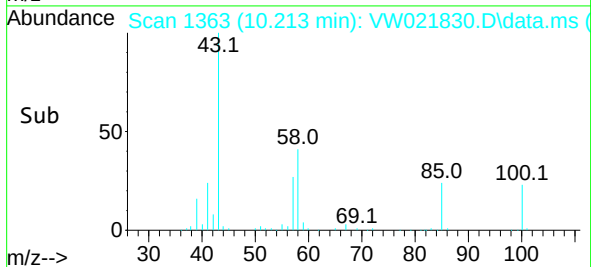
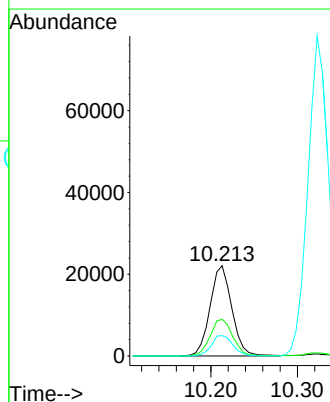
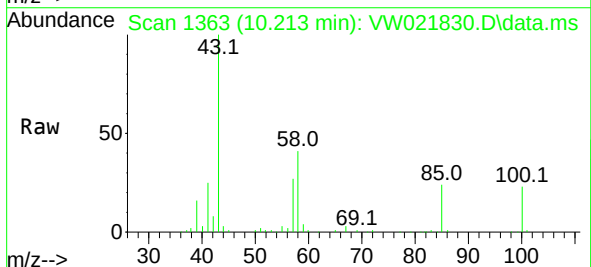
Tgt Ion: 43 Resp: 38521

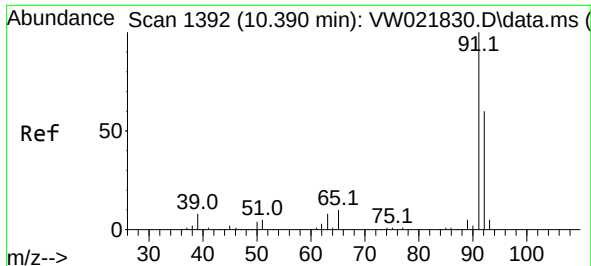
Ion Ratio Lower Upper

43 100

58 42.0 28.8 43.2

100 22.4 10.0 15.0#





#42

Toluene

Concen: 25.075 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

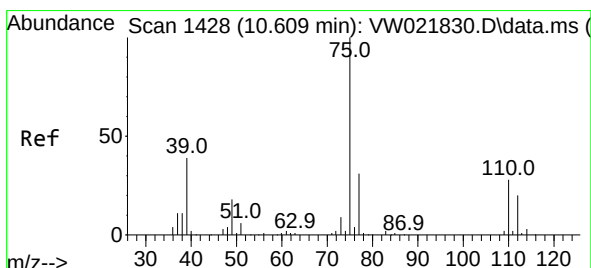
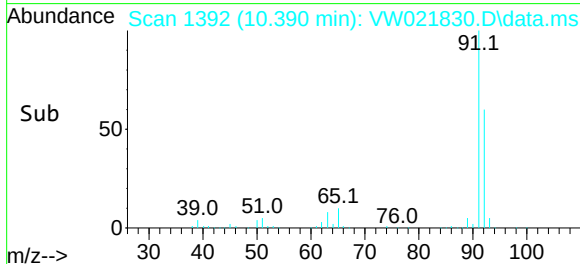
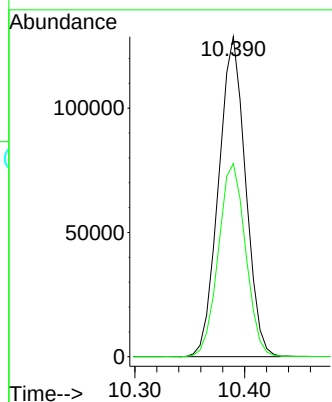
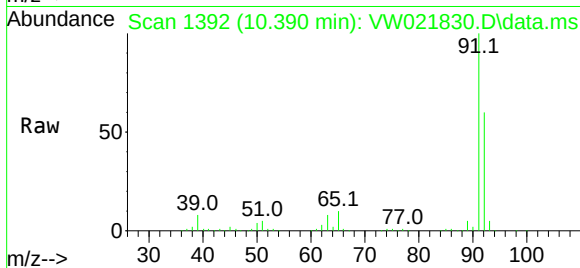
ClientSampleId :

Tgt Ion: 91 Resp: 219861

Ion Ratio Lower Upper

91 100

92 60.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.047 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW021830.D

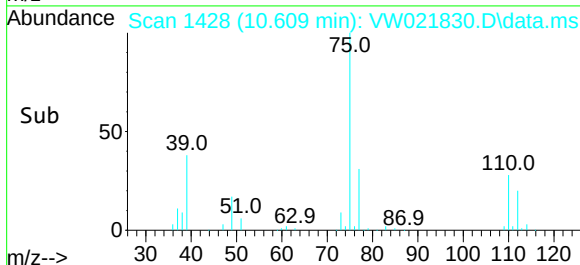
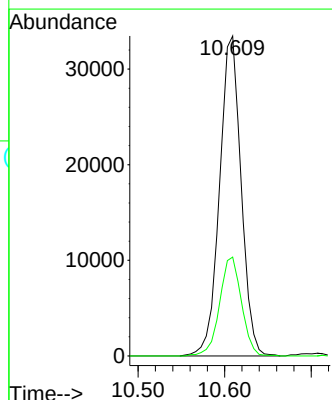
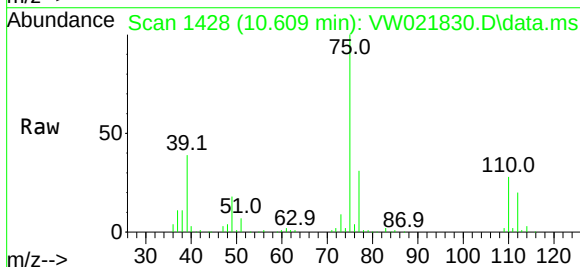
Acq: 11 Jan 2022 13:27

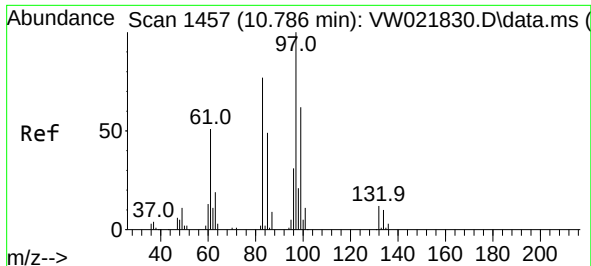
Tgt Ion: 75 Resp: 57828

Ion Ratio Lower Upper

75 100

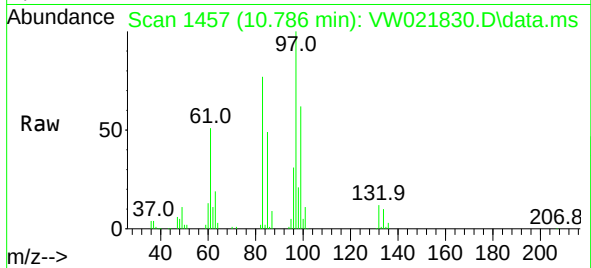
77 30.9 22.2 41.2



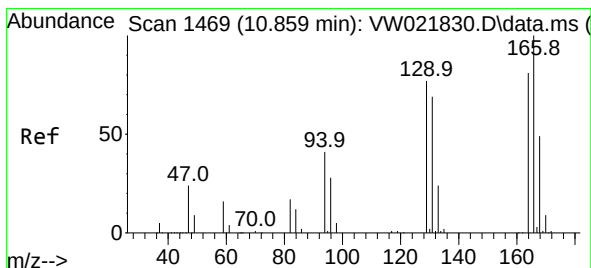
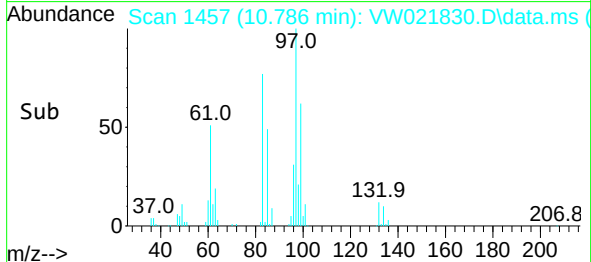
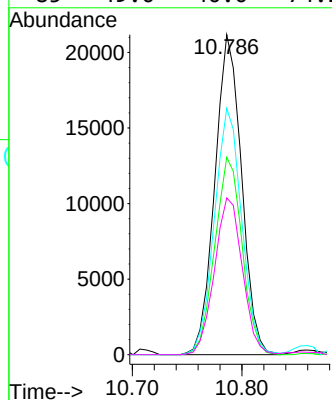


#45
1,1,2-Trichloroethane
Concen: 25.767 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Instrument :
MSVOA_W
ClientSampleId :

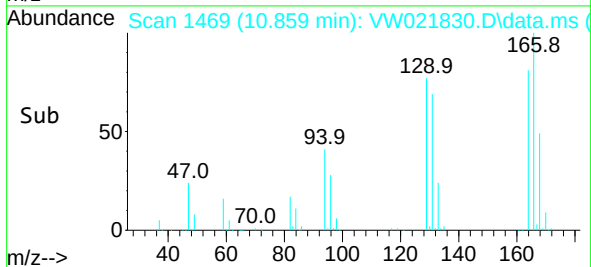
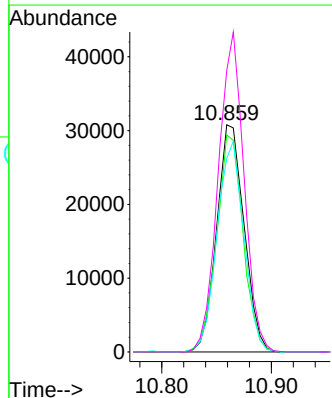
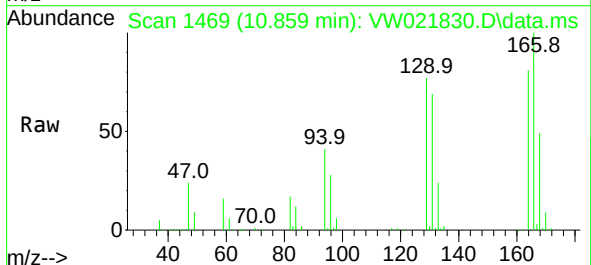


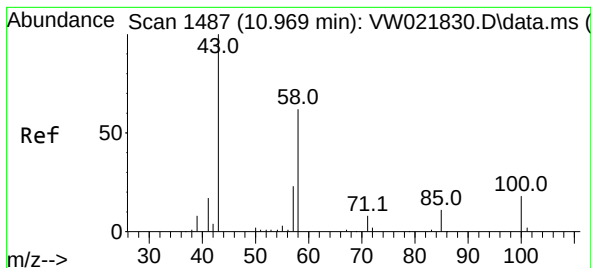
Tgt Ion: 97	Resp: 35876
Ion Ratio	Lower Upper
97 100	
99 61.7	43.0 79.8
83 77.0	62.6 116.3
85 49.0	40.0 74.2



#46
Tetrachloroethene
Concen: 26.284 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion:164	Resp: 53566
Ion Ratio	Lower Upper
164 100	
129 95.5	65.5 121.7
131 85.3	59.7 110.9
166 123.9	88.7 164.7





#48

2-Hexanone

Concen: 46.237 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

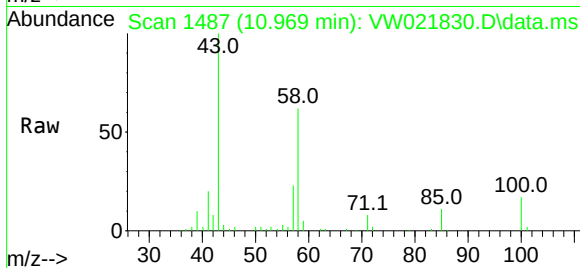
Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 27491

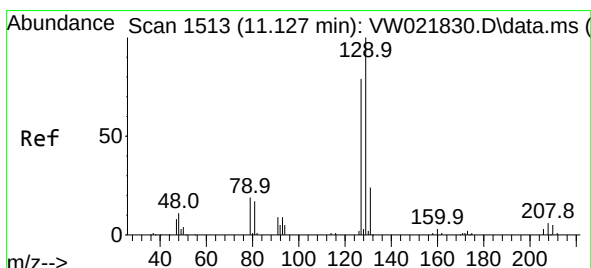
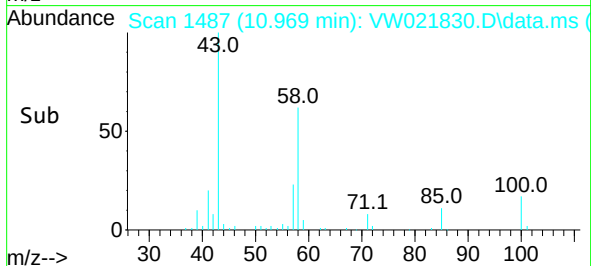
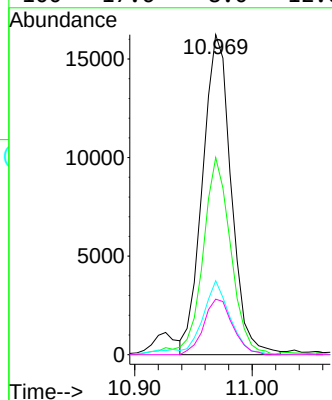
Ion Ratio Lower Upper

43 100

58 59.2 40.2 60.2

57 21.6 14.3 21.5#

100 17.6 8.0 12.0#



#49

Dibromochloromethane

Concen: 24.945 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW021830.D

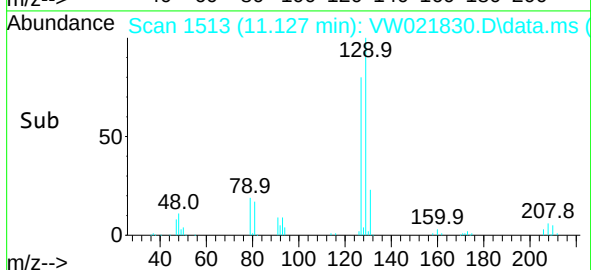
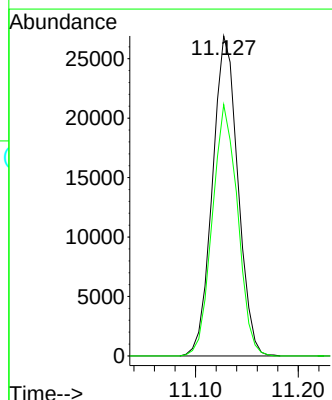
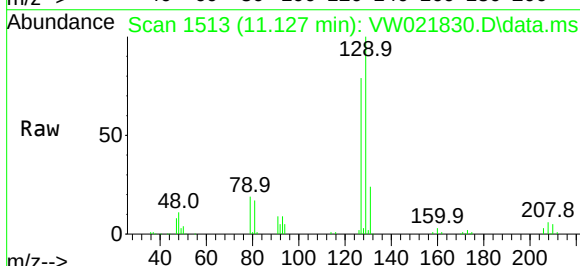
Acq: 11 Jan 2022 13:27

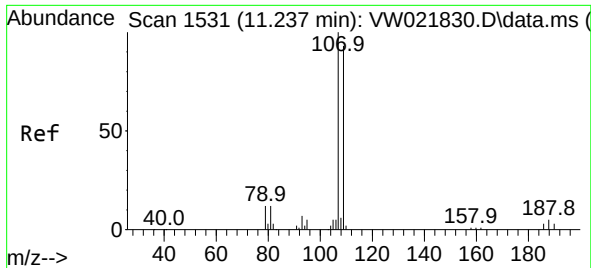
Tgt Ion:129 Resp: 46233

Ion Ratio Lower Upper

129 100

127 78.6 55.7 103.5

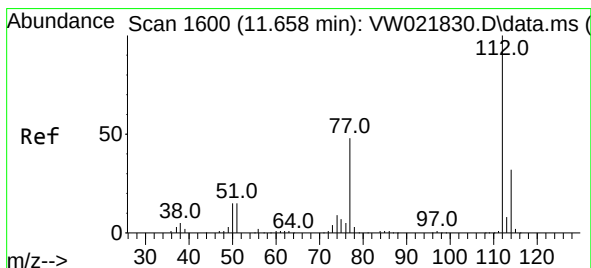
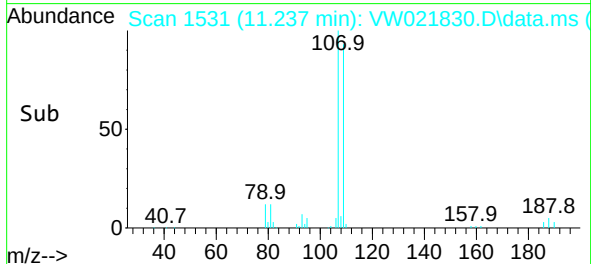
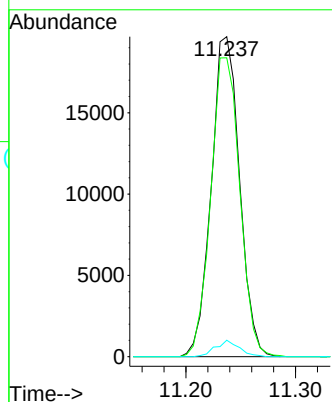
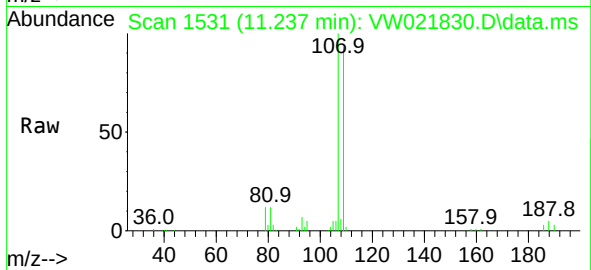




#50
1,2-Dibromoethane
Concen: 25.602 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

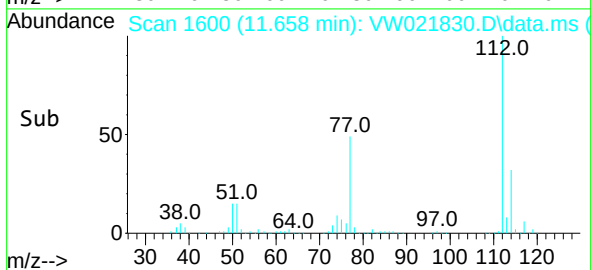
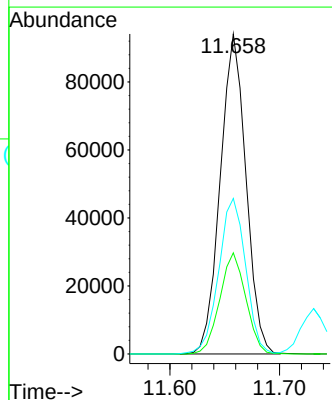
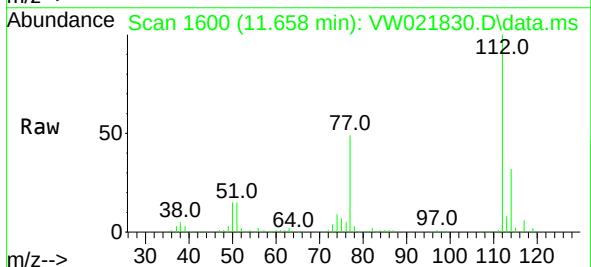
Instrument :
MSVOA_W
ClientSampleId :

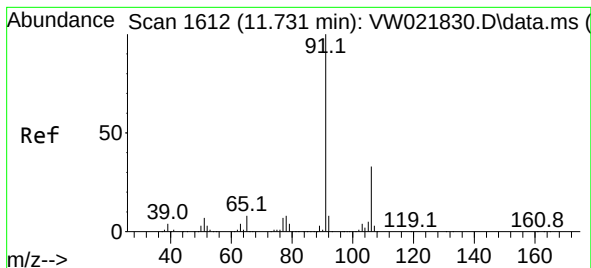
Tgt Ion:107 Resp: 35328
Ion Ratio Lower Upper
107 100
109 93.4 64.1 119.1
188 5.2 2.6 3.8#



#51
Chlorobenzene
Concen: 26.726 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion:112 Resp: 153436
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 48.6 50.2 75.4#

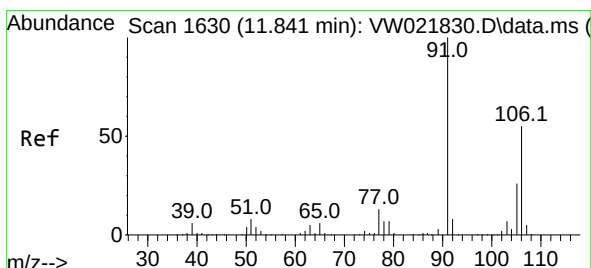
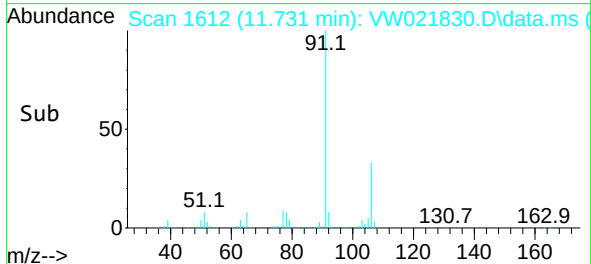
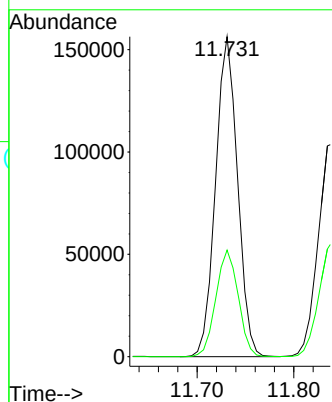
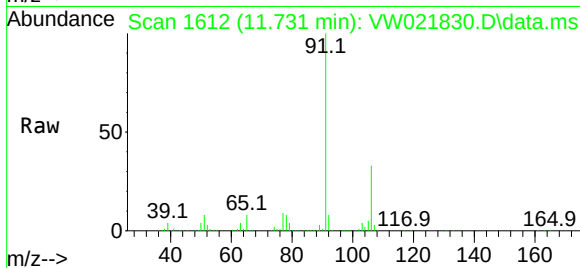




#52
Ethylbenzene
Concen: 25.063 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

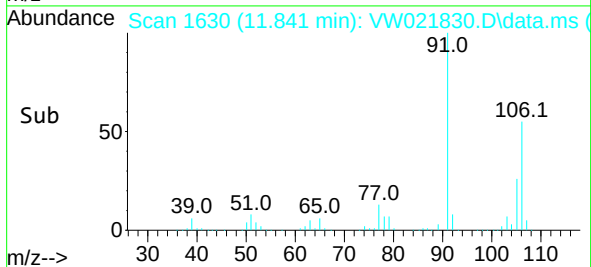
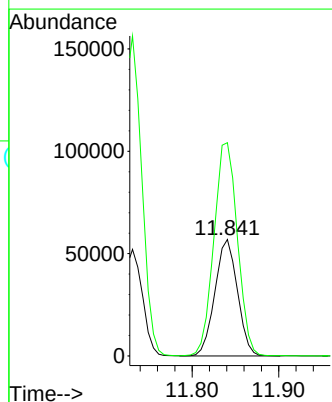
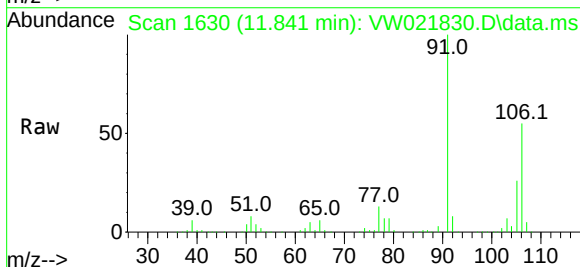
Instrument :
MSVOA_W
ClientSampleId :

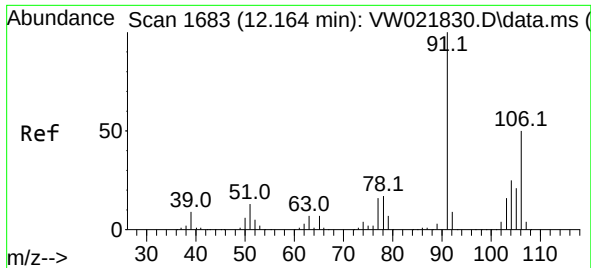
Tgt Ion: 91 Resp: 246387
Ion Ratio Lower Upper
91 100
106 33.3 21.5 39.9



#53
m,p-Xylene
Concen: 25.934 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion: 106 Resp: 102868
Ion Ratio Lower Upper
106 100
91 183.2 149.9 278.3

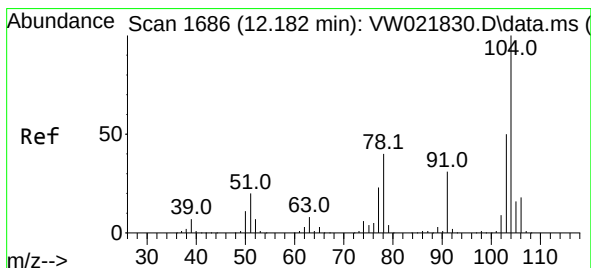
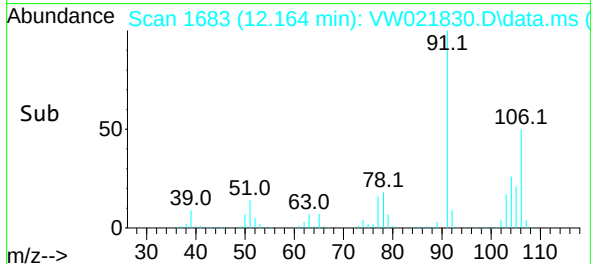
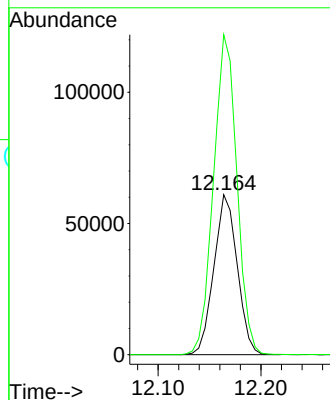
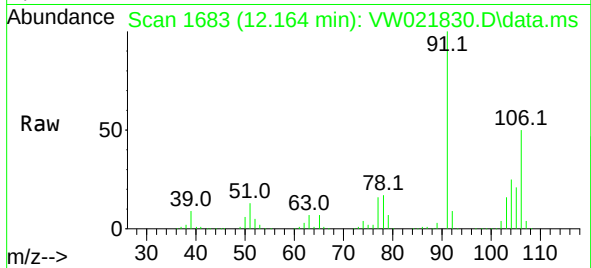




#54
o-Xylene
Concen: 25.706 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

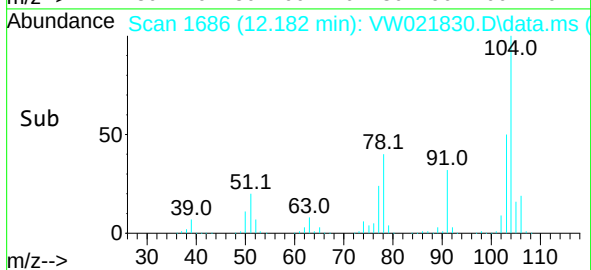
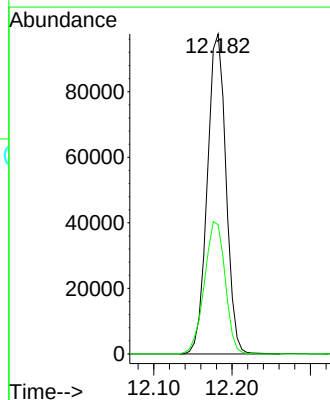
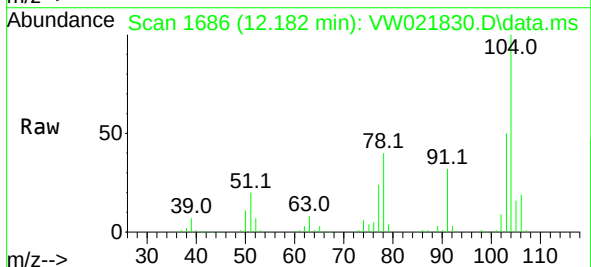
Instrument :
MSVOA_W
ClientSampleId :

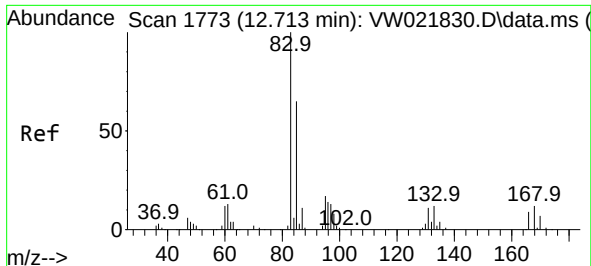
Tgt Ion:106 Resp: 96173
Ion Ratio Lower Upper
106 100
91 199.9 153.6 285.3



#55
Styrene
Concen: 25.246 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion:104 Resp: 161556
Ion Ratio Lower Upper
104 100
78 40.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.319 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021830.D

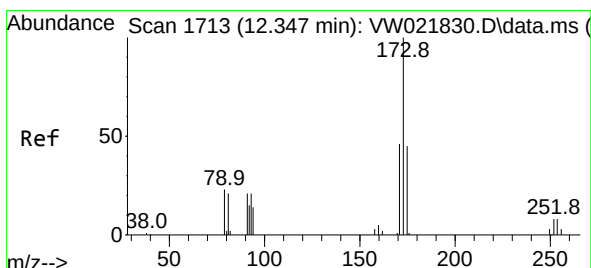
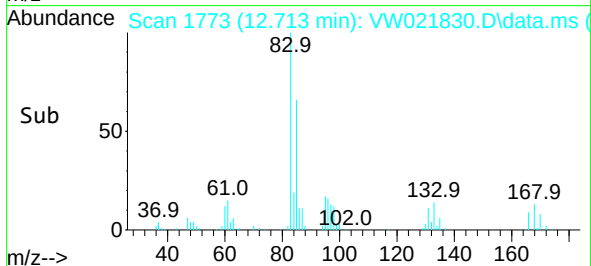
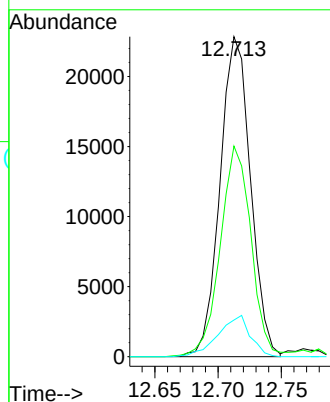
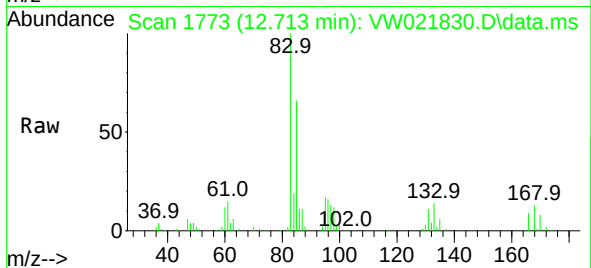
Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	38283
Ion Ratio	Lower	Upper	
83	100		
85	65.8	44.0	81.6
131	11.5	6.9	10.3#



#59

Bromoform

Concen: 24.440 ug/L

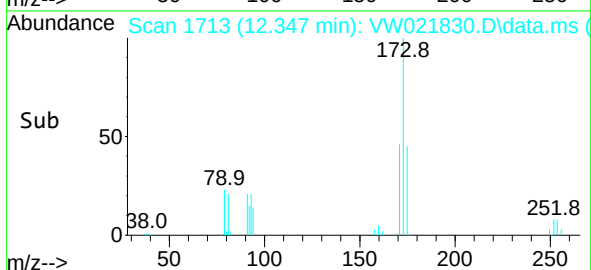
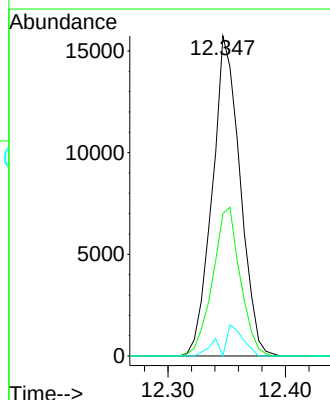
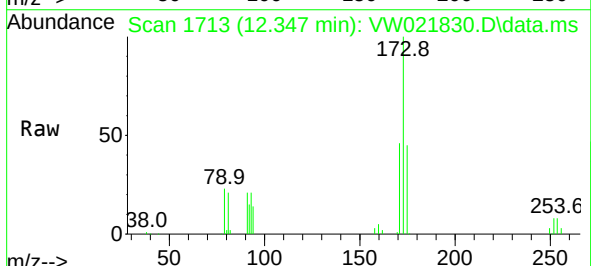
RT: 12.347 min Scan# 1713

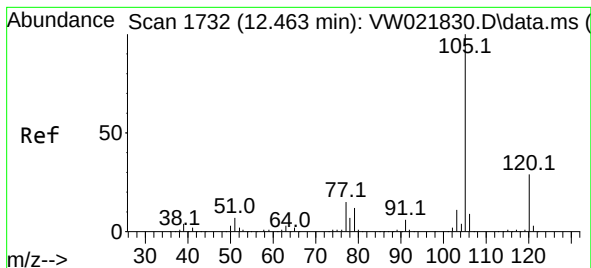
Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Tgt Ion:	173	Resp:	25807
Ion Ratio	Lower	Upper	
173	100		
175	46.1	39.6	59.4
254	5.5	7.4	11.0#

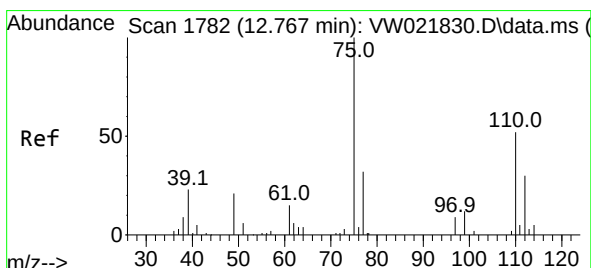
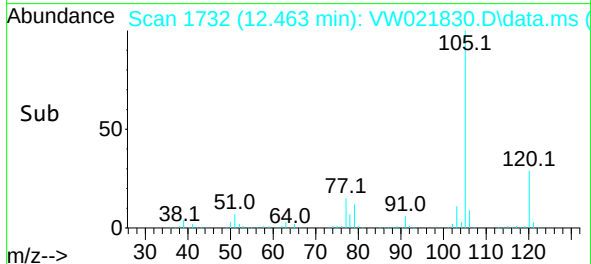
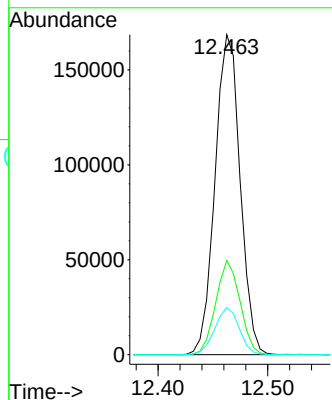
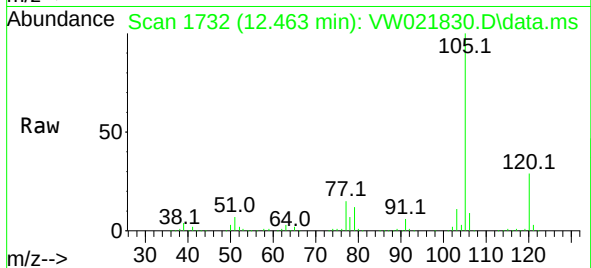




#60
Isopropylbenzene
Concen: 25.572 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

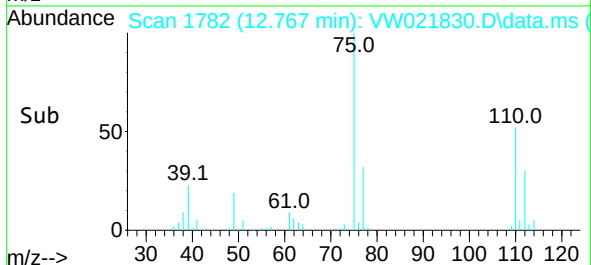
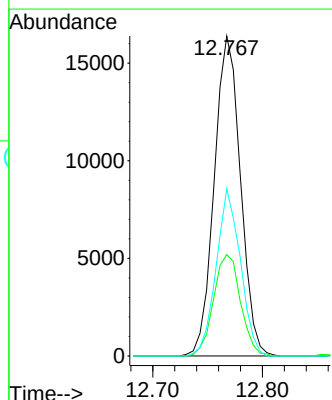
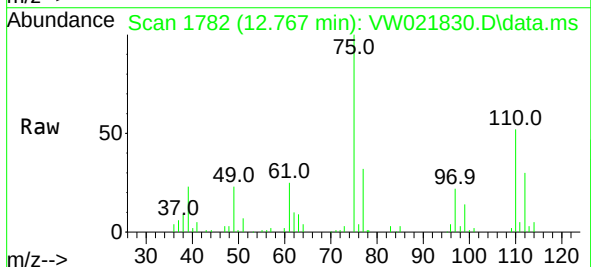
Instrument :
MSVOA_W
ClientSampleId :

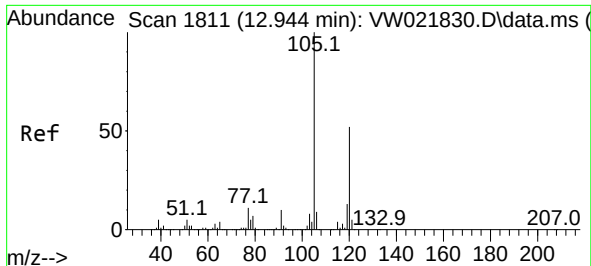
Tgt Ion:105 Resp: 268099
Ion Ratio Lower Upper
105 100
120 28.4 20.1 30.1
77 14.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.282 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021830.D
Acq: 11 Jan 2022 13:27

Tgt Ion: 75 Resp: 27235
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 48.3 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.599 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

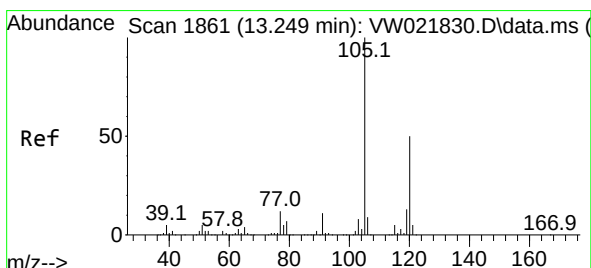
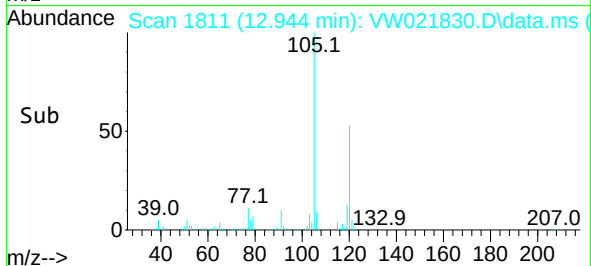
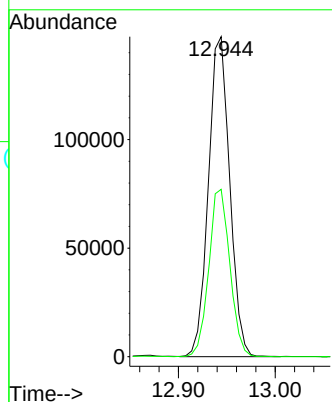
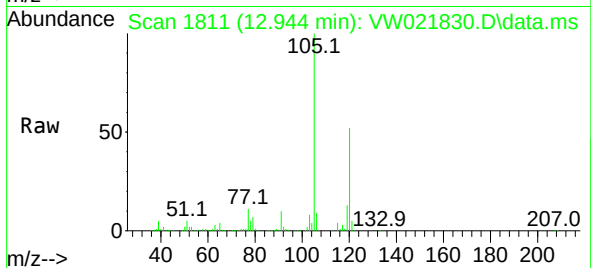
ClientSampleId :

Tgt Ion:105 Resp: 225898

Ion Ratio Lower Upper

105 100

120 51.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.313 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021830.D

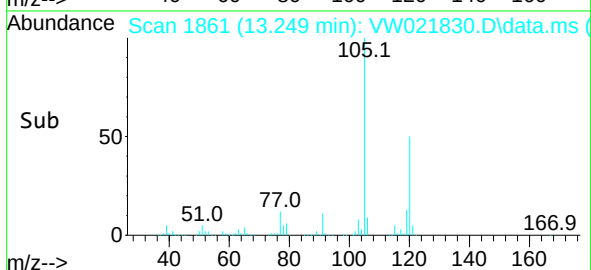
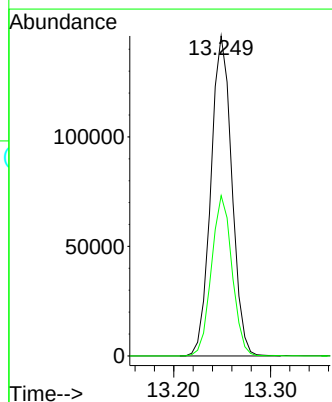
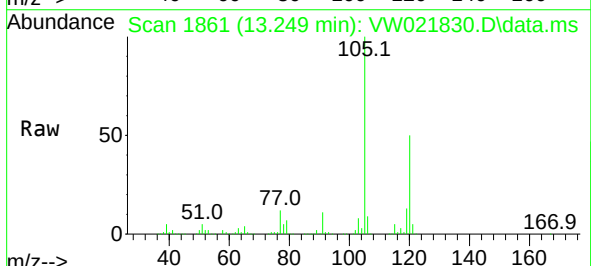
Acq: 11 Jan 2022 13:27

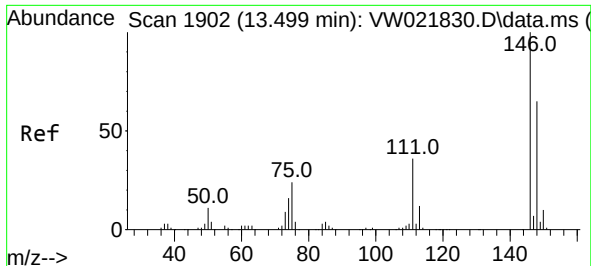
Tgt Ion:105 Resp: 220053

Ion Ratio Lower Upper

105 100

120 49.2 35.0 52.6

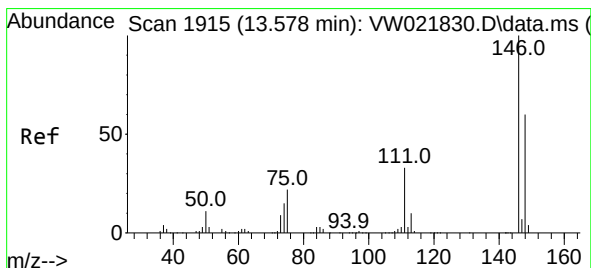
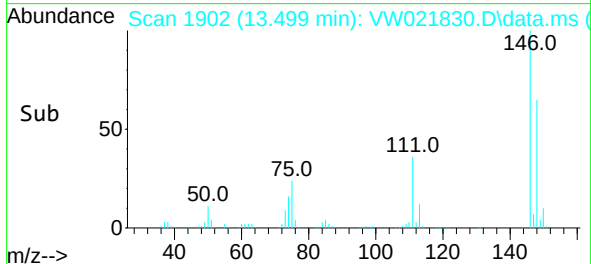
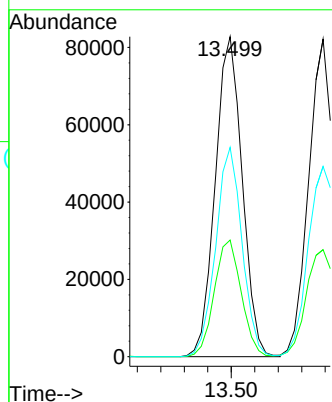
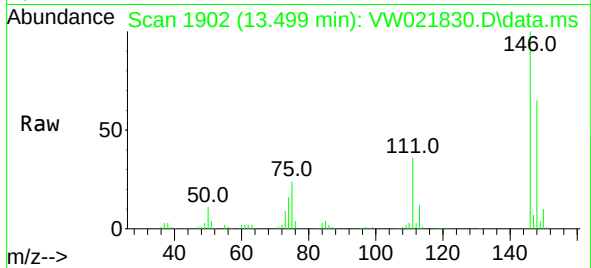




#64
 1,3-Dichlorobenzene
 Concen: 26.496 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

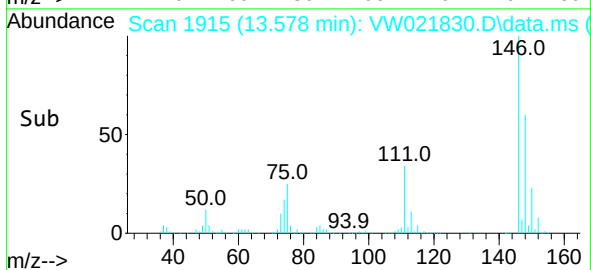
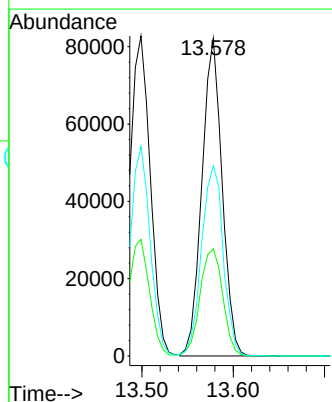
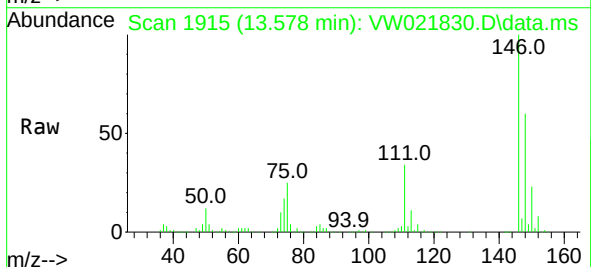
Instrument :
 MSVOA_W
 ClientSampleId :

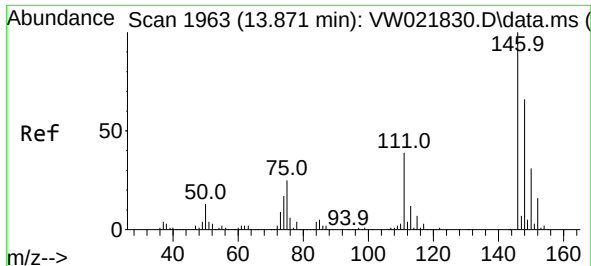
Tgt Ion:146 Resp: 132090
 Ion Ratio Lower Upper
 146 100
 111 36.4 29.8 55.3
 148 65.4 46.2 85.8



#65
 1,4-Dichlorobenzene
 Concen: 25.483 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

Tgt Ion:146 Resp: 126288
 Ion Ratio Lower Upper
 146 100
 111 33.7 29.0 53.9
 148 59.9 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.474 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

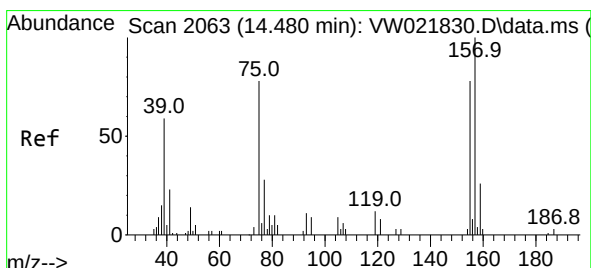
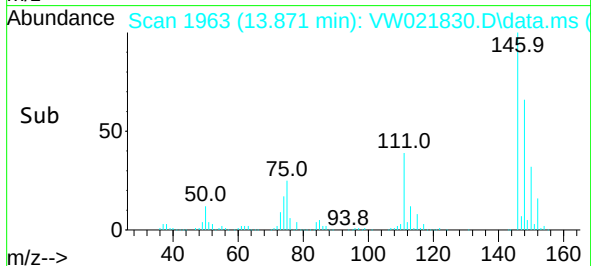
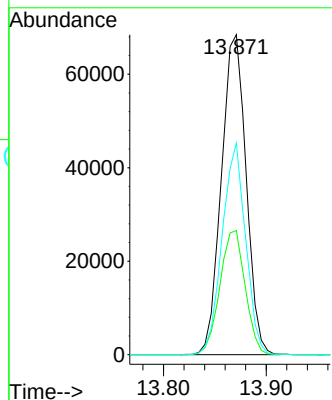
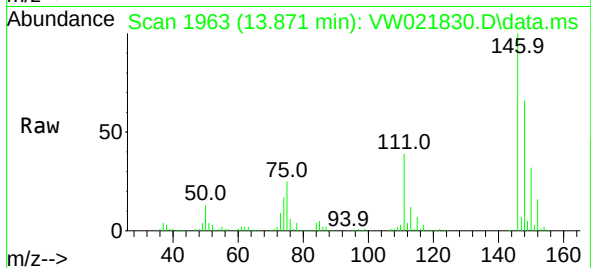
Tgt Ion:146 Resp: 114523

Ion Ratio Lower Upper

146 100

111 38.8 33.1 49.7

148 66.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.766 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

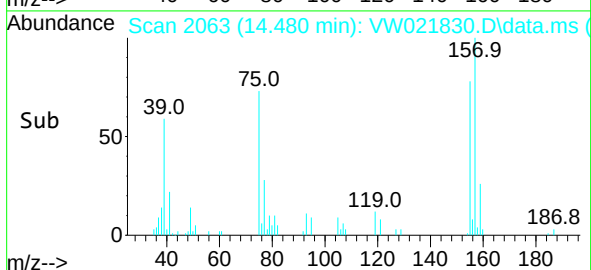
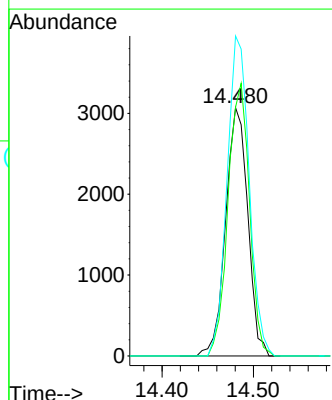
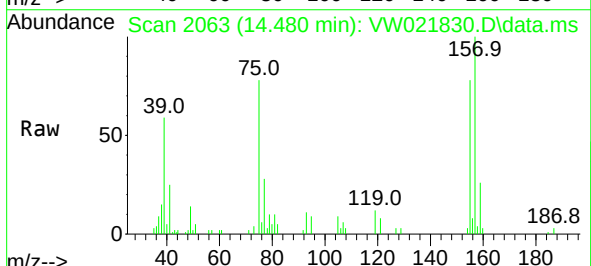
Tgt Ion: 75 Resp: 5172

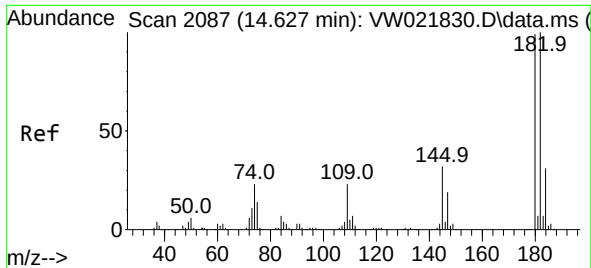
Ion Ratio Lower Upper

75 100

155 100.2 54.2 81.2#

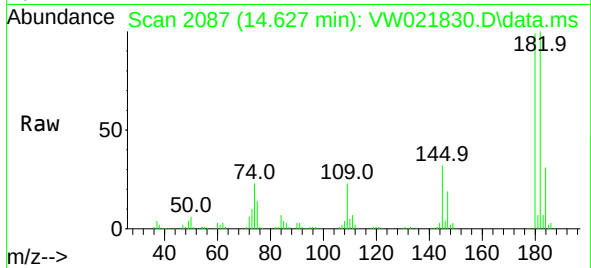
157 128.9 69.4 104.2#



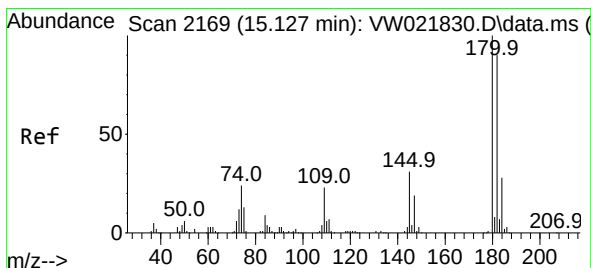
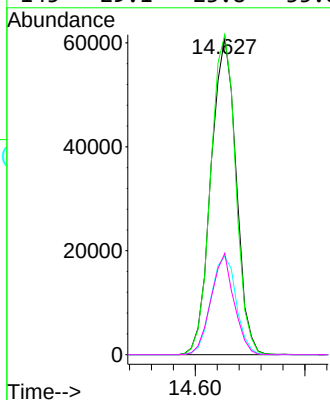
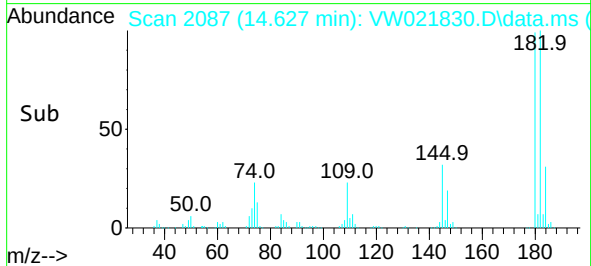


#69
 1,3,5-Trichlorobenzene
 Concen: 26.775 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27

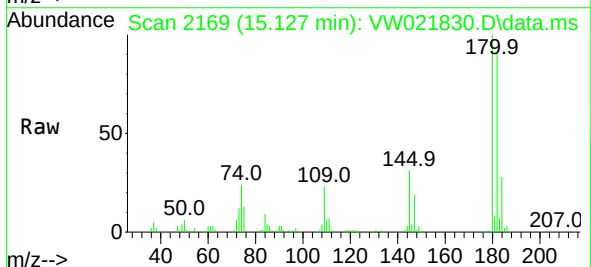
Instrument :
 MSVOA_W
 ClientSampleId :



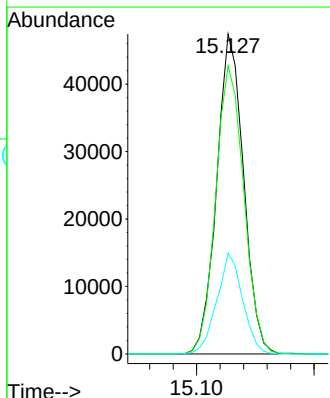
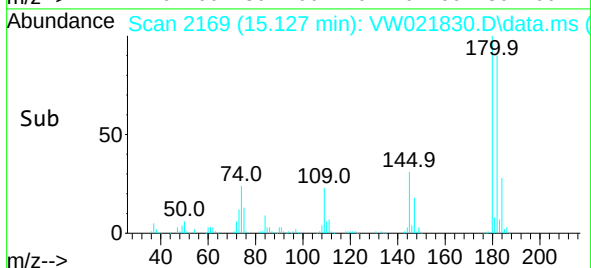
Tgt Ion:	180	Resp:	97189
Ion Ratio	Lower	Upper	
180	100		
182	99.8	75.4	113.0
184	31.3	23.8	35.8
145	29.1	23.8	35.8

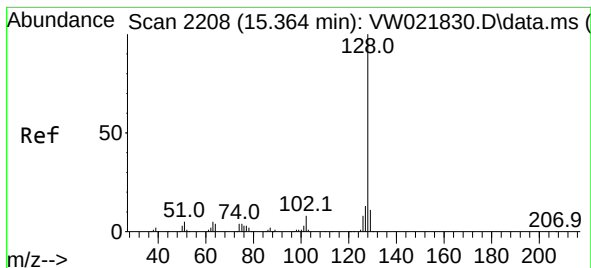


#70
 1,2,4-trichlorobenzene
 Concen: 26.271 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021830.D
 Acq: 11 Jan 2022 13:27



Tgt Ion:	180	Resp:	75559
Ion Ratio	Lower	Upper	
180	100		
182	94.0	79.0	118.6
145	30.3	26.0	39.0





#71

Naphthalene

Concen: 25.992 ug/L

RT: 15.364 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

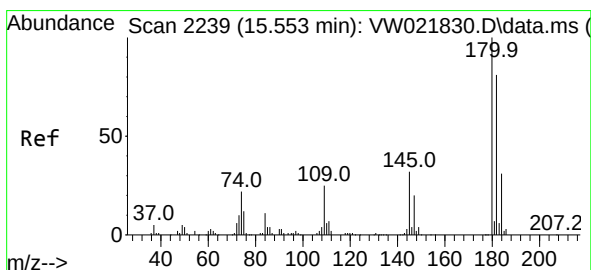
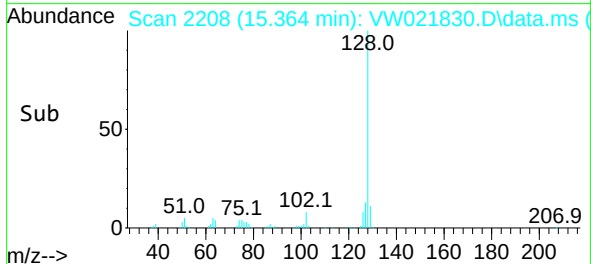
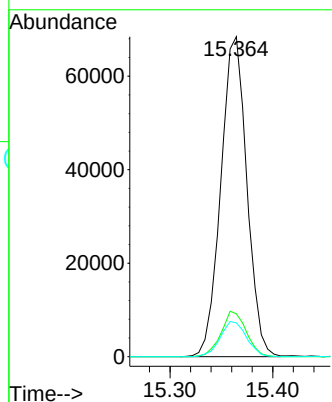
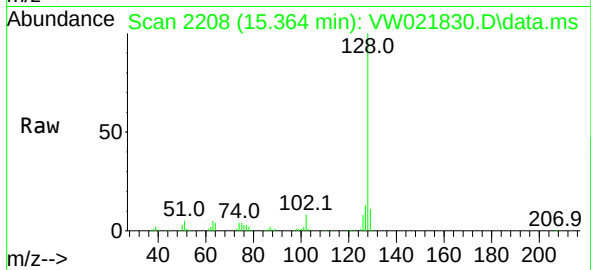
Tgt Ion:128 Resp: 120420

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.173 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW021830.D

Acq: 11 Jan 2022 13:27

Tgt Ion:180 Resp: 63854

Ion Ratio Lower Upper

180 100

182 90.7 76.6 114.8

145 32.7 27.4 41.0

