

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022194.D
 Acq On : 07 Mar 2022 12:28
 Operator : SY/VA
 Sample : N1775-13MS
 Misc : 6.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRU6MS

Quant Time: Mar 08 00:23:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	148717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	139954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49611	25.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.320%	
7) Chloroethane-d5	2.885	69	35657	23.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 93.440%	
11) 1,1-Dichloroethene-d2	4.025	63	75391	25.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.520%	
21) 2-Butanone-d5	7.080	46	21684	66.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.980%	
24) Chloroform-d	7.647	84	87891	26.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.960%	
26) 1,2-Dichloroethane-d4	8.305	65	46833	27.153	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	8.275	84	171919	26.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.560%	
36) 1,2-Dichloropropane-d6	9.274	67	46776	25.860	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.440%	
41) Toluene-d8	10.323	98	170989	26.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.640%	
43) trans-1,3-Dichloroprop...	10.579	79	21741	27.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.440%	
47) 2-Hexanone-d5	10.920	63	18438	61.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.960%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46927	29.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	64835	25.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	7963	19.159	ug/L #	87
3) Chloromethane	2.221	50	27521	19.324	ug/L	96
5) Vinyl chloride	2.361	62	43377	20.270	ug/L	93
6) Bromomethane	2.782	94	25434	17.018	ug/L	96
8) Chloroethane	2.922	64	24273	20.192	ug/L	99
9) Trichlorofluoromethane	3.263	101	32360	22.273	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41386	23.348	ug/L	99
12) 1,1-Dichloroethene	4.037	96	33594	21.868	ug/L #	79
13) Acetone	4.117	43	20264	76.074	ug/L	99
14) Carbon disulfide	4.385	76	73283	18.399	ug/L	98
15) Methyl Acetate	4.665	43	15112	25.200	ug/L	97
16) Methylene chloride	4.915	84	37955	20.792	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	36929	21.886	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	56803	24.744	ug/L #	93
19) 1,1-Dichloroethane	6.214	63	65287	23.900	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	42764	23.396	ug/L	95
22) 2-Butanone	7.165	43	25462	66.542	ug/L	97
23) Bromochloromethane	7.512	128	20624	23.098	ug/L	96
25) Chloroform	7.677	83	76844	24.109	ug/L	99

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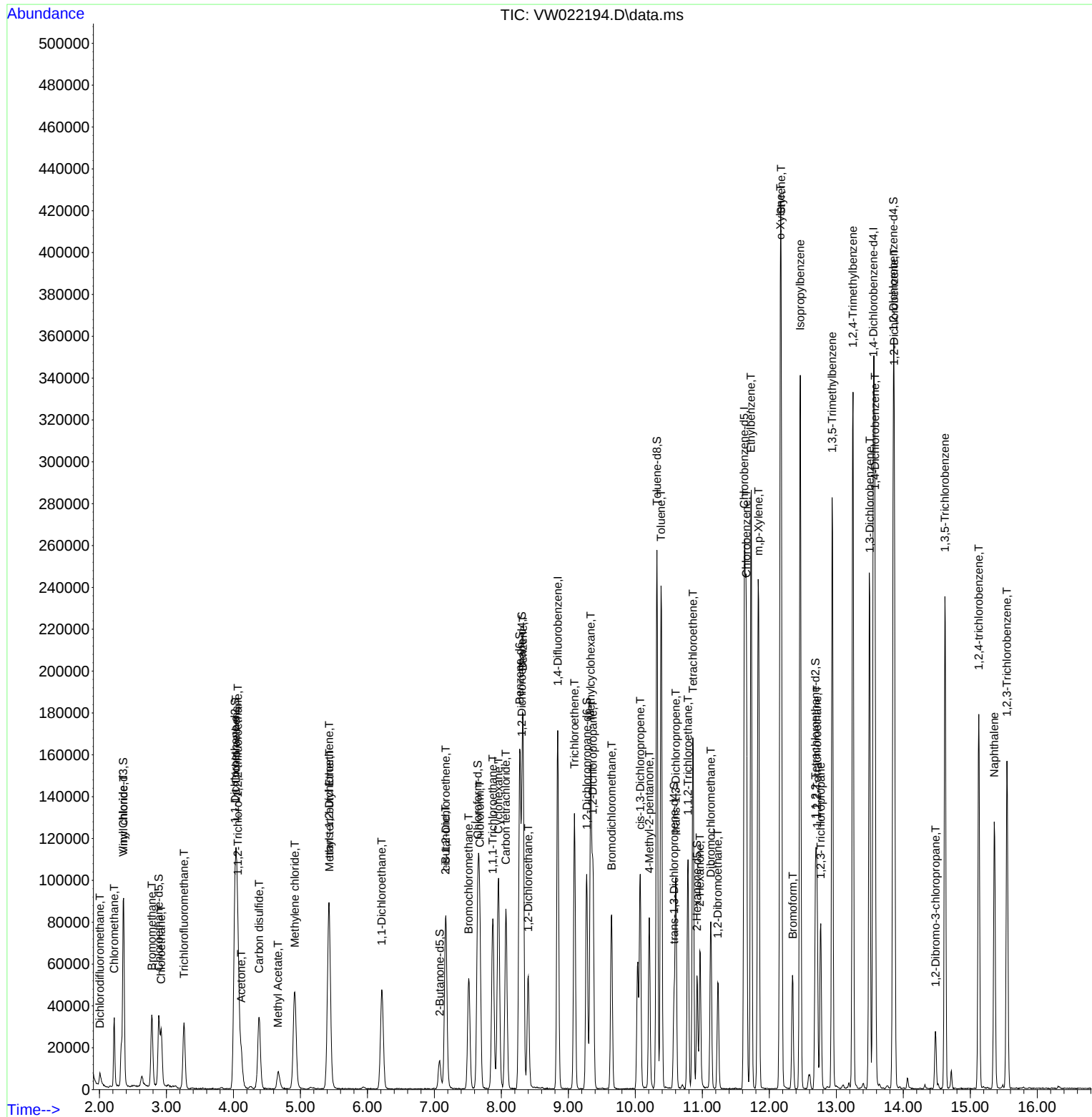
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47514	24.202	ug/L	99
29) Cyclohexane	7.958	56	50842	21.829	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	66687	23.684	ug/L	99
31) Carbon tetrachloride	8.067	117	63587	23.761	ug/L	100
33) Benzene	8.323	78	154823	22.881	ug/L	100
34) Trichloroethene	9.091	95	43399	22.401	ug/L	92
35) Methylcyclohexane	9.335	83	65003	21.692	ug/L	100
37) 1,2-Dichloropropane	9.366	63	37168	23.545	ug/L	100
38) Bromodichloromethane	9.646	83	54853	24.231	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	60111	25.052	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	48357	56.725	ug/L	99
42) Toluene	10.384	91	181499	23.700	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	54246	25.157	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33731	24.097	ug/L	96
46) Tetrachloroethene	10.859	164	38528	22.701	ug/L	98
48) 2-Hexanone	10.963	43	39466	66.703	ug/L	97
49) Dibromochloromethane	11.128	129	42629	25.072	ug/L	96
50) 1,2-Dibromoethane	11.231	107	33498	24.811	ug/L #	98
51) Chlorobenzene	11.658	112	126138	23.667	ug/L	99
52) Ethylbenzene	11.725	91	204125	24.084	ug/L	97
53) m,p-Xylene	11.841	106	82794	23.740	ug/L	98
54) o-Xylene	12.164	106	79286	24.162	ug/L	89
55) Styrene	12.176	104	137019	24.907	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42785	26.343	ug/L	98
59) Bromoform	12.353	173	25188	23.757	ug/L #	97
60) Isopropylbenzene	12.463	105	223617	23.235	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31307	24.741	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	150087	23.452	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	184629	23.606	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	102584	21.487	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	104726	21.889	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	95964	22.608	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6421	24.004	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	73309	21.393	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	59080	22.786	ug/L	97
71) Naphthalene	15.359	128	113989	24.904	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	51163	22.814	ug/L	95

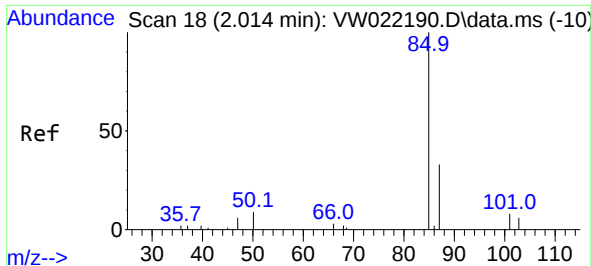
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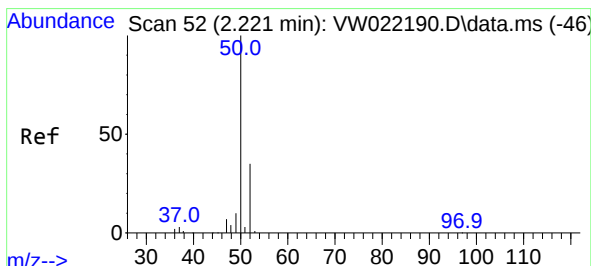
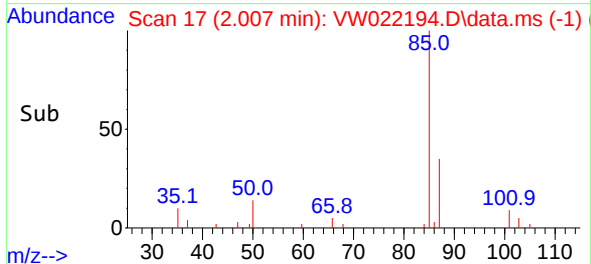
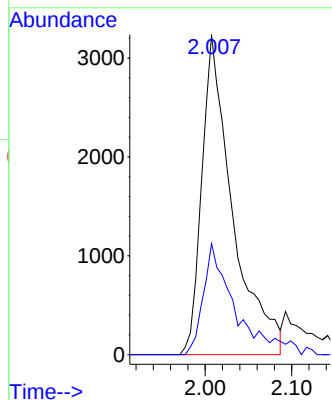
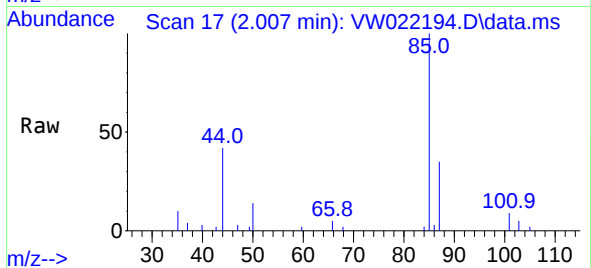




#2
Dichlorodifluoromethane
Concen: 19.159 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

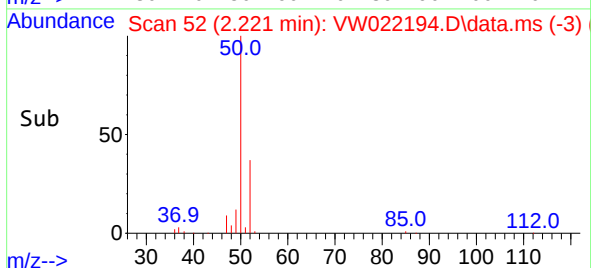
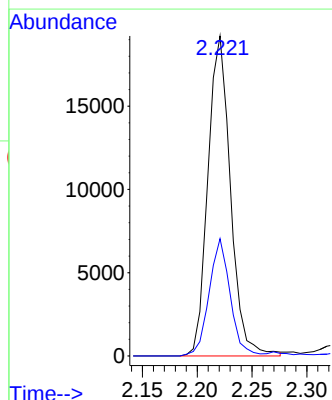
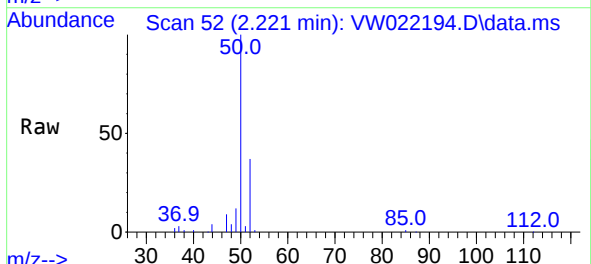
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MSVOA_W
ClientSampleId :
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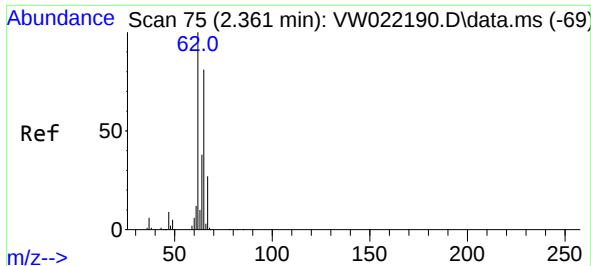
Tgt Ion: 85 Resp: 7963
Ion Ratio Lower Upper
85 100
87 26.8 27.6 41.4#



#3
Chloromethane
Concen: 19.324 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 50 Resp: 27521
Ion Ratio Lower Upper
50 100
52 36.7 23.9 44.5

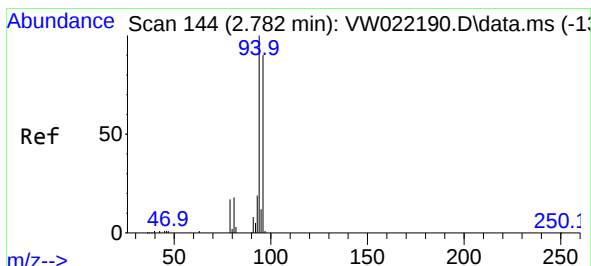
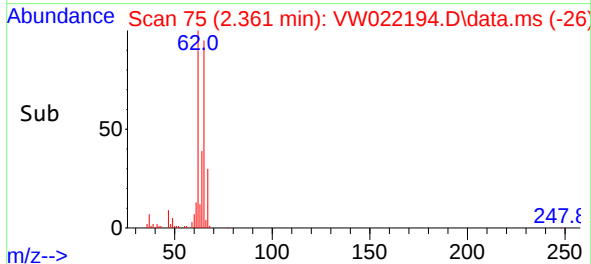
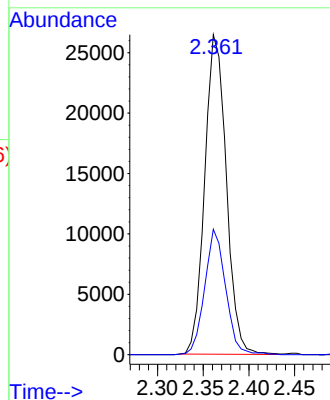
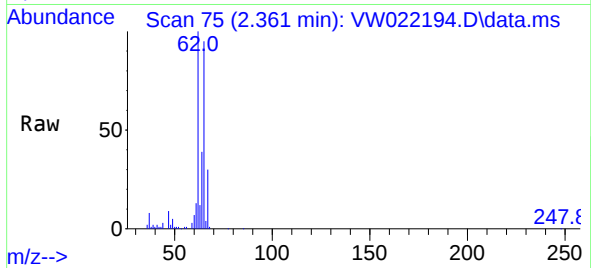




#5
 Vinyl chloride
 Concen: 20.270 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022194.D
 Acq: 07 Mar 2022 12:28

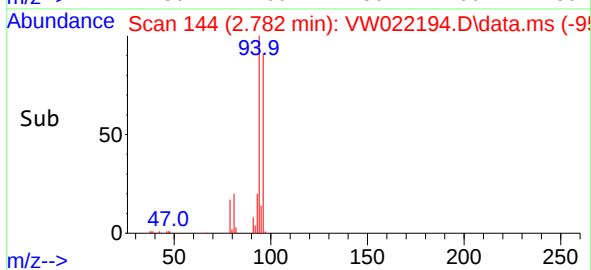
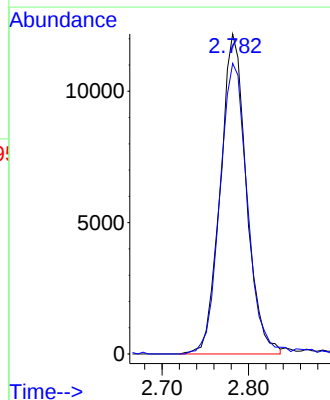
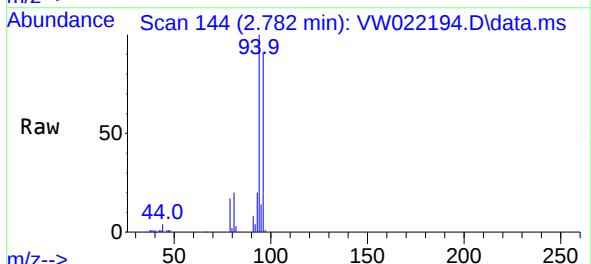
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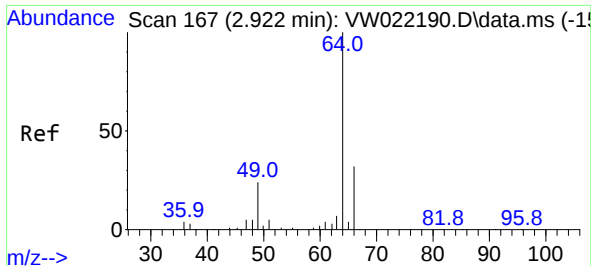
Tgt Ion: 62 Resp: 43377
 Ion Ratio Lower Upper
 62 100
 64 39.2 24.7 45.9



#6
 Bromomethane
 Concen: 17.018 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022194.D
 Acq: 07 Mar 2022 12:28

Tgt Ion: 94 Resp: 25434
 Ion Ratio Lower Upper
 94 100
 96 90.8 61.2 113.8

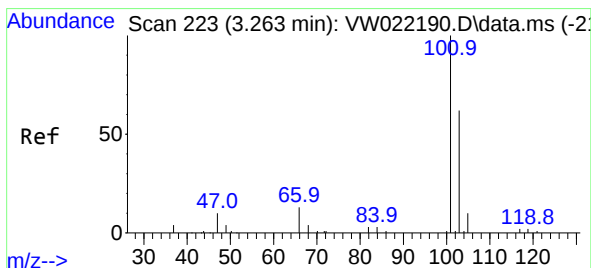
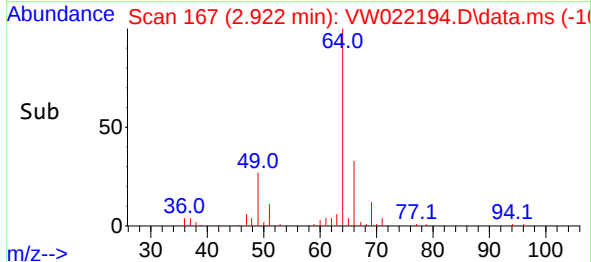
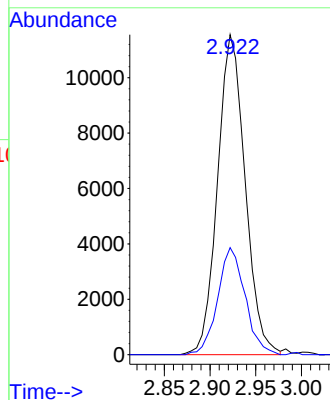
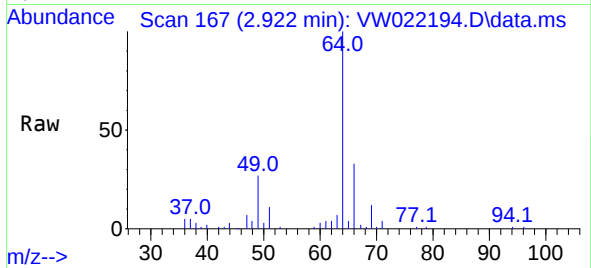




#8
Chloroethane
Concen: 20.192 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

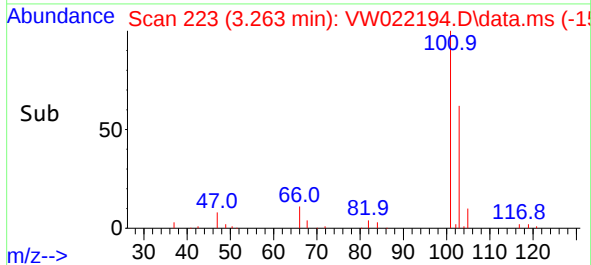
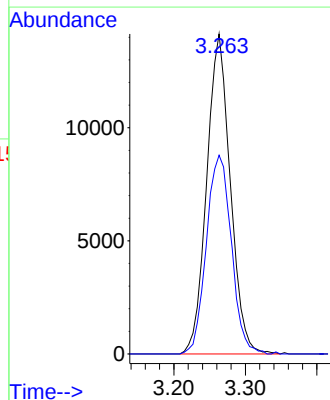
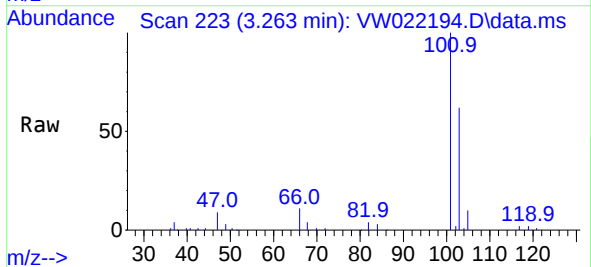
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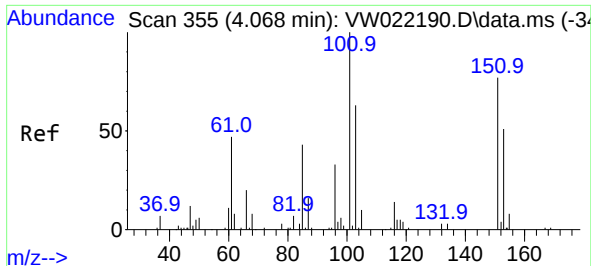
Tgt Ion: 64 Resp: 24273
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.273 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:101 Resp: 32360
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8

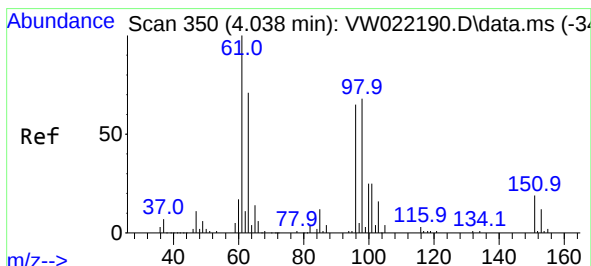
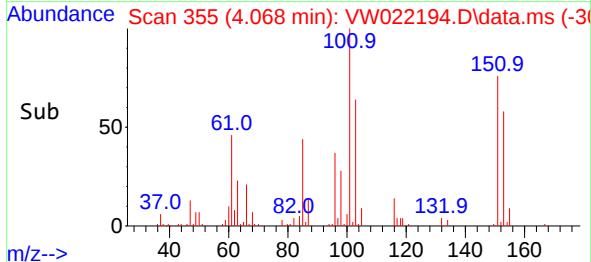
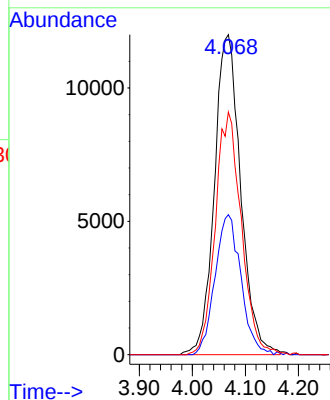
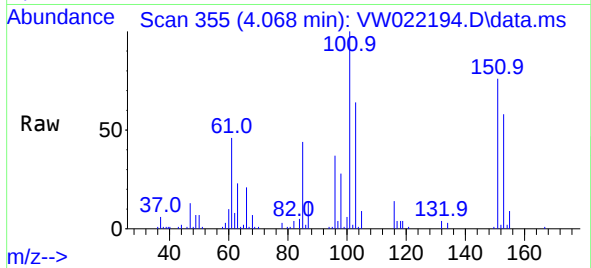




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.348 ug/L
RT: 4.068 min Scan# 310
Delta R.T. -0.000 min
Lab File: VW022194.D
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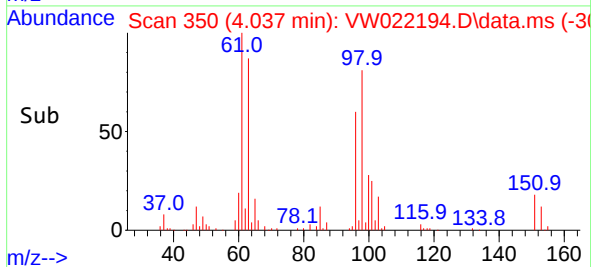
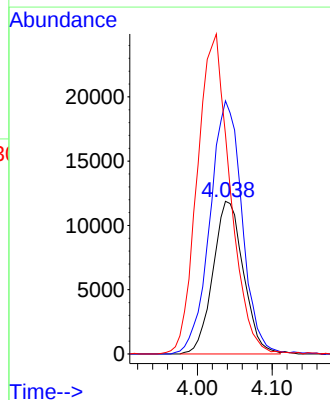
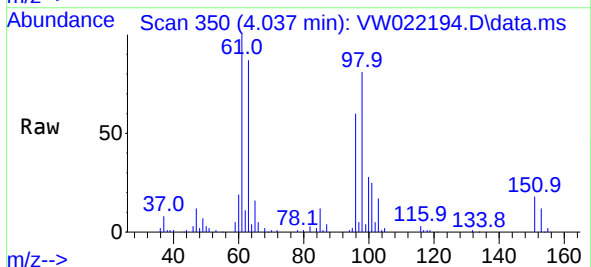
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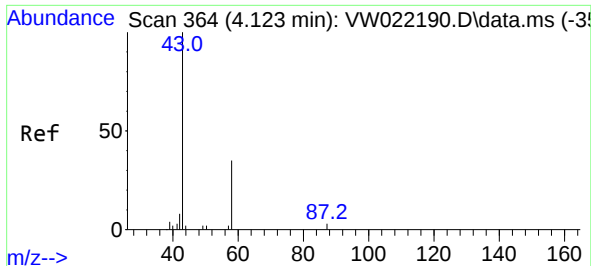
Tgt Ion:101 Resp: 41386
Ion Ratio Lower Upper
101 100
85 42.9 34.4 51.6
151 74.8 59.0 88.4



#12
1,1-Dichloroethene
Concen: 21.868 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 96 Resp: 33594
Ion Ratio Lower Upper
96 100
61 165.9 108.4 201.2
63 143.8 72.0 133.6#

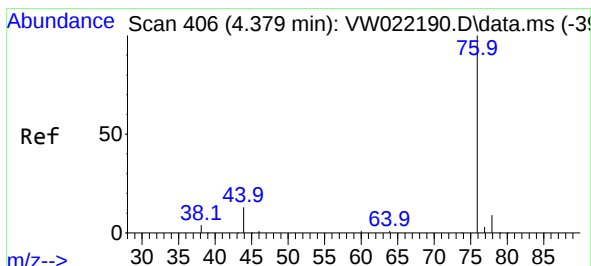
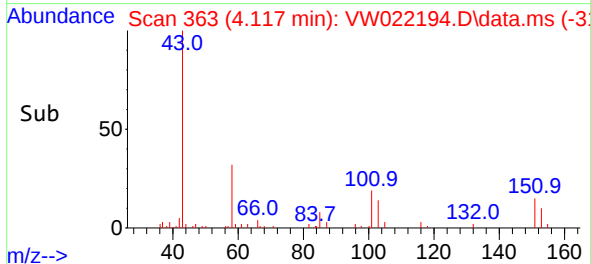
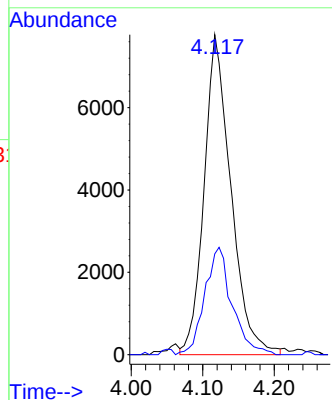
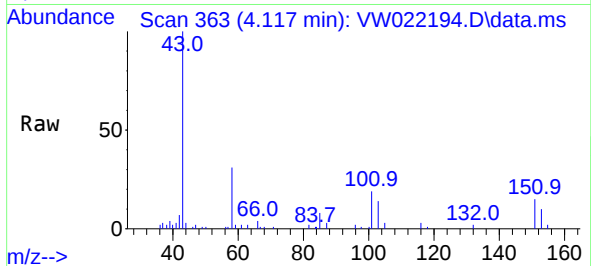




#13
Acetone
Concen: 76.074 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
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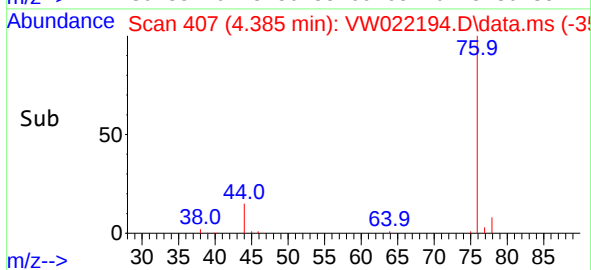
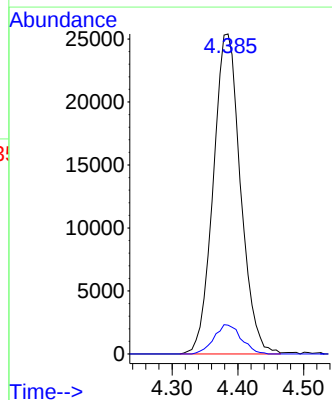
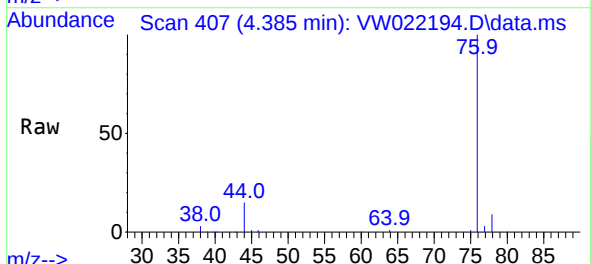
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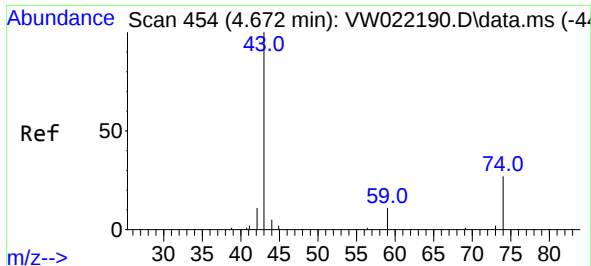
Tgt Ion: 43 Resp: 20264
Ion Ratio Lower Upper
43 100
58 34.2 0.0 69.2



#14
Carbon disulfide
Concen: 18.399 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 76 Resp: 73283
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

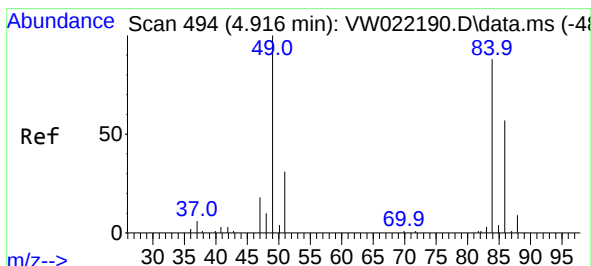
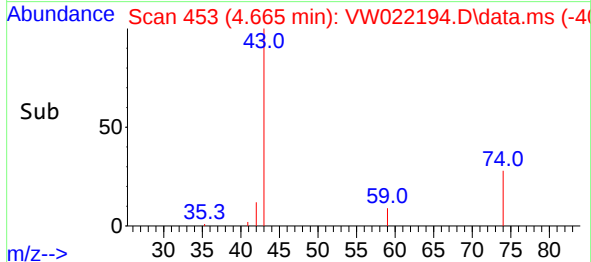
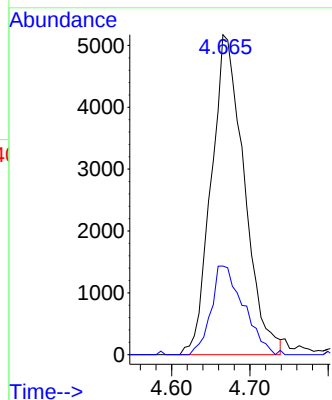
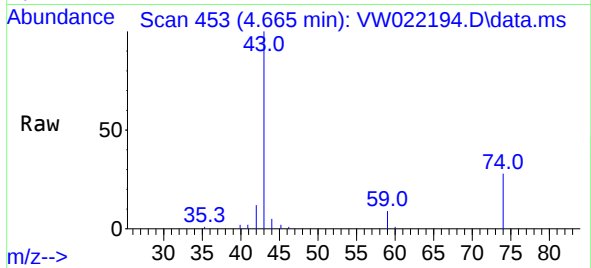




#15
Methyl Acetate
Concen: 25.200 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

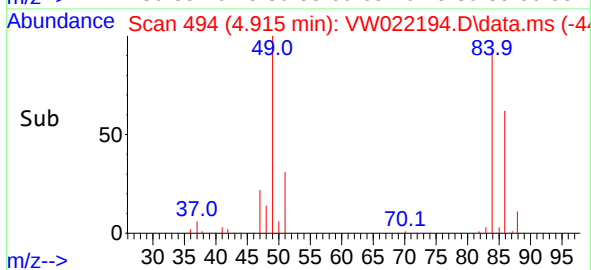
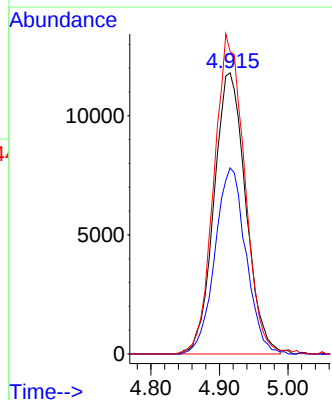
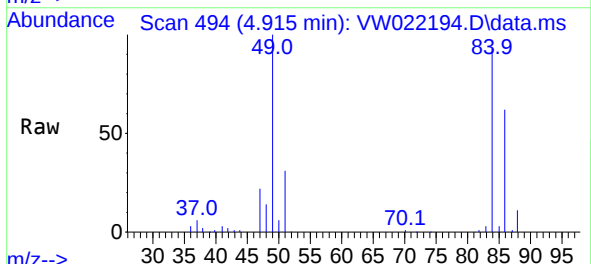
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

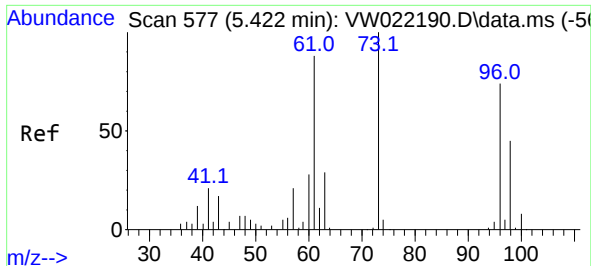
Tgt Ion: 43 Resp: 15112
Ion Ratio Lower Upper
43 100
74 27.4 23.0 34.6



#16
Methylene chloride
Concen: 20.792 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 84 Resp: 37955
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 107.5 73.8 137.0

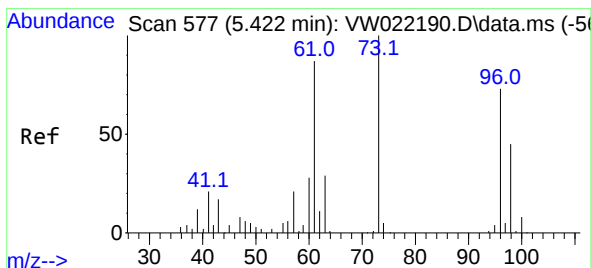
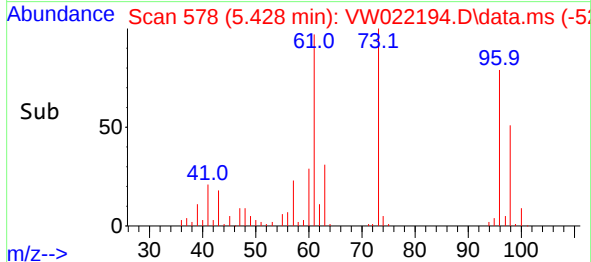
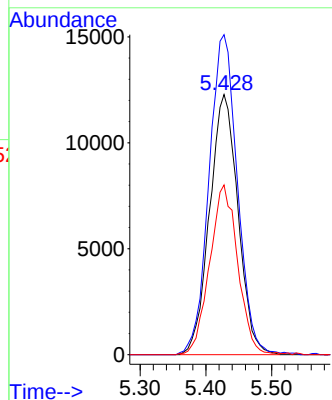
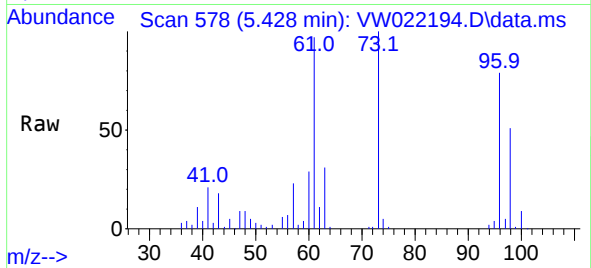




#17
trans-1,2-Dichloroethene
Concen: 21.886 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

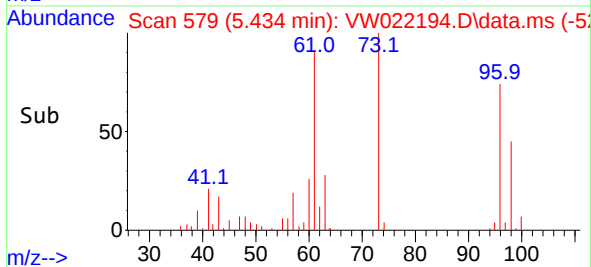
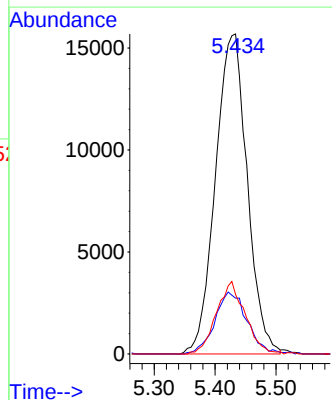
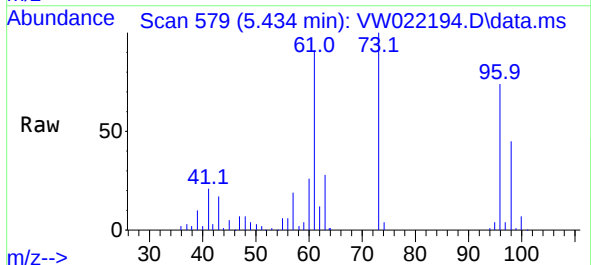
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

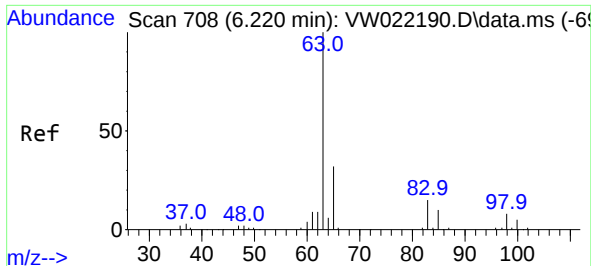
Tgt Ion: 96 Resp: 36929
Ion Ratio Lower Upper
96 100
61 123.0 87.3 162.1
98 65.3 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 24.744 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 73 Resp: 56803
Ion Ratio Lower Upper
73 100
43 12.8 15.4 23.2#
57 20.6 16.5 24.7

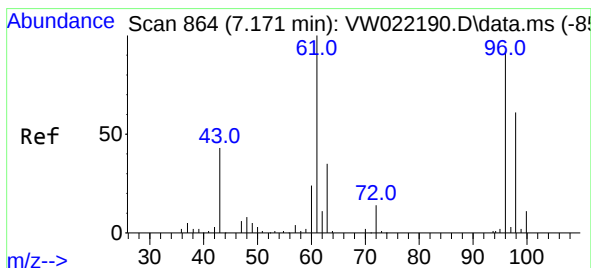
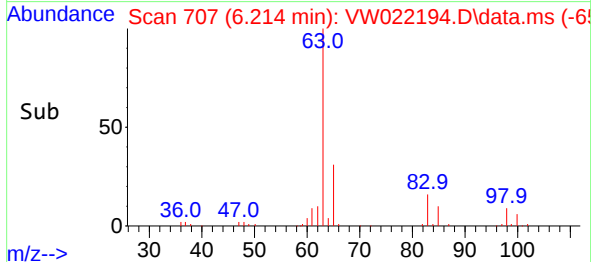
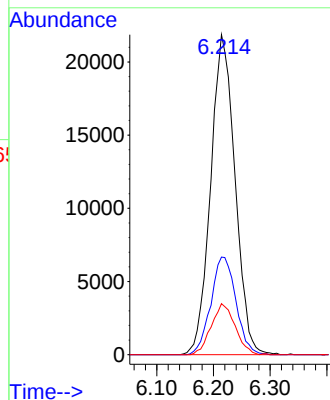
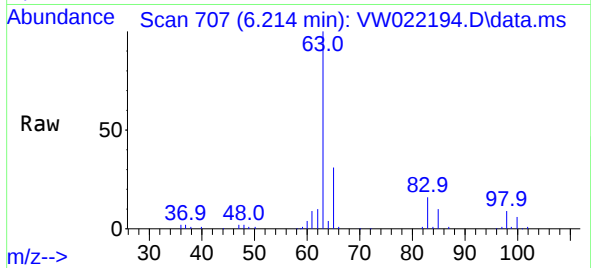




#19
1,1-Dichloroethane
Concen: 23.900 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

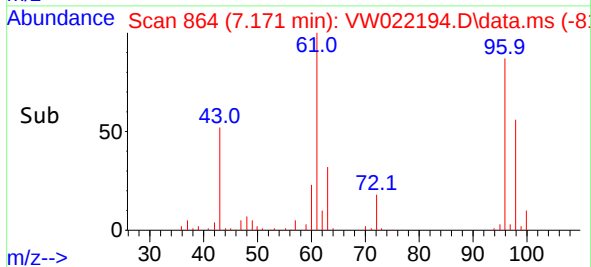
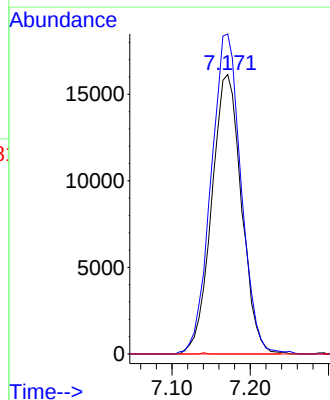
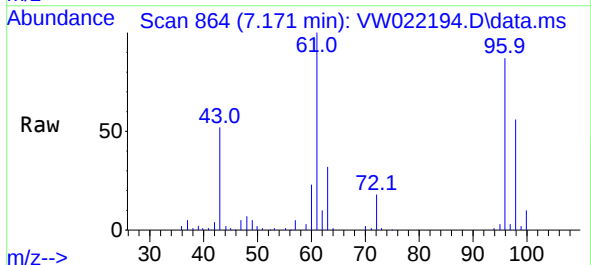
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

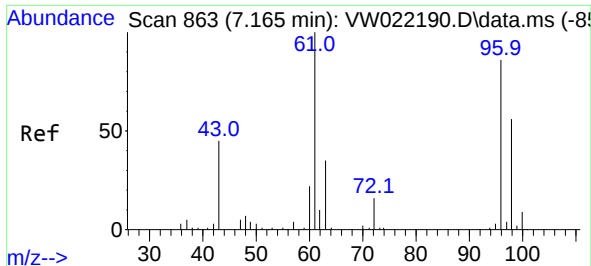
Tgt Ion: 63 Resp: 65287
Ion Ratio Lower Upper
63 100
65 30.5 22.5 41.9
83 15.9 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 23.396 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 96 Resp: 42764
Ion Ratio Lower Upper
96 100
61 114.5 76.8 142.6
68 0.0 0.0 0.0

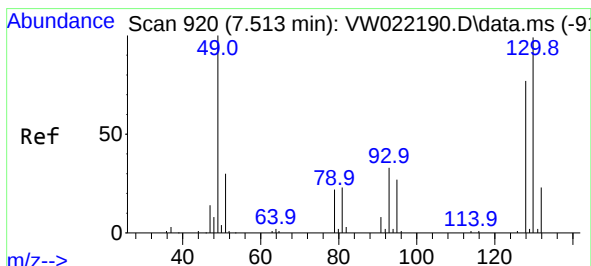
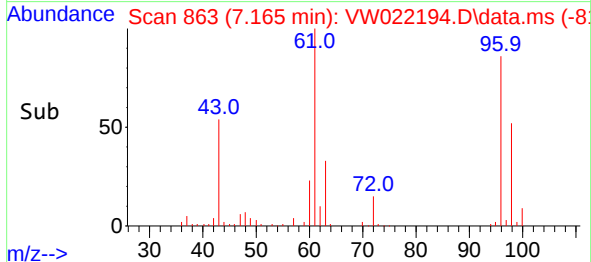
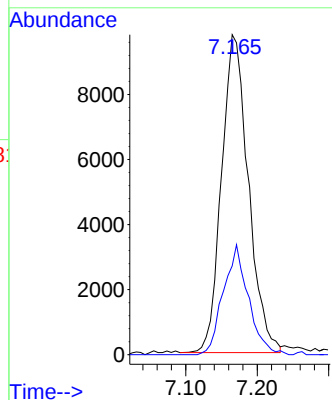
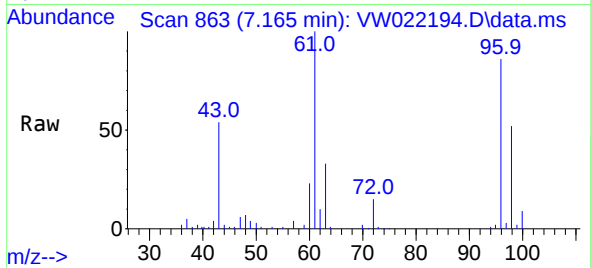




#22
2-Butanone
Concen: 66.542 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

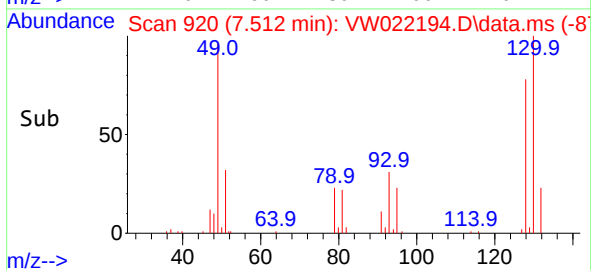
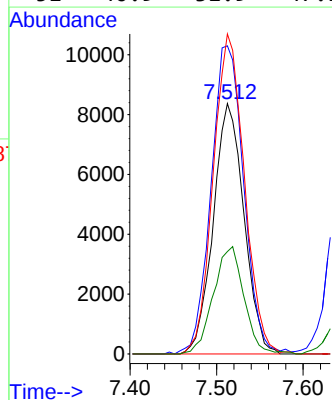
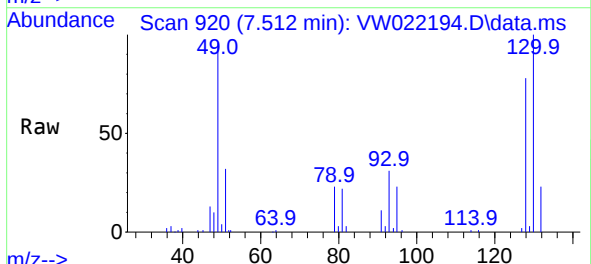
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

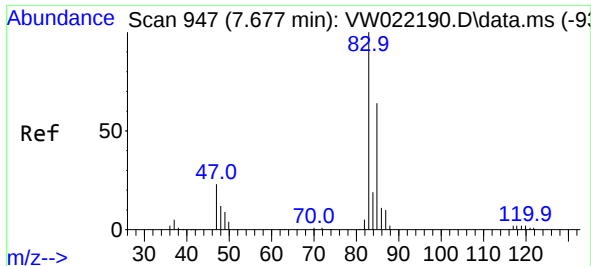
Tgt Ion: 43 Resp: 25462
Ion Ratio Lower Upper
43 100
72 32.3 17.0 51.0



#23
Bromochloromethane
Concen: 23.098 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 128 Resp: 20624
Ion Ratio Lower Upper
128 100
49 123.1 84.2 156.4
130 127.8 84.8 157.4
51 40.9 31.9 47.9

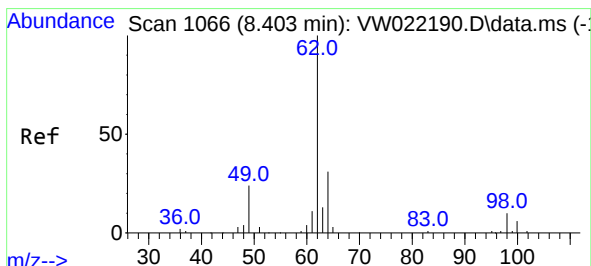
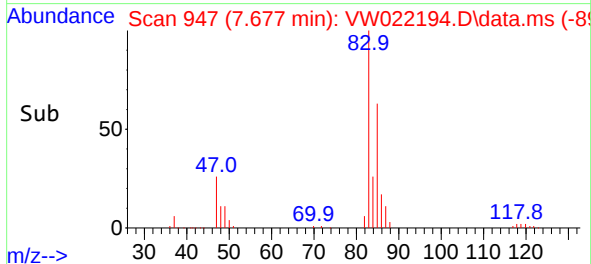
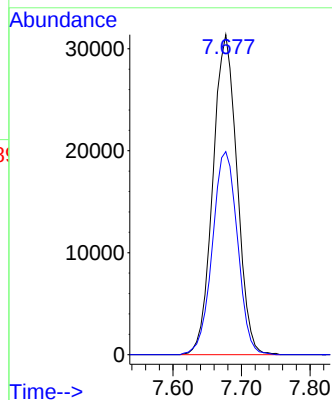
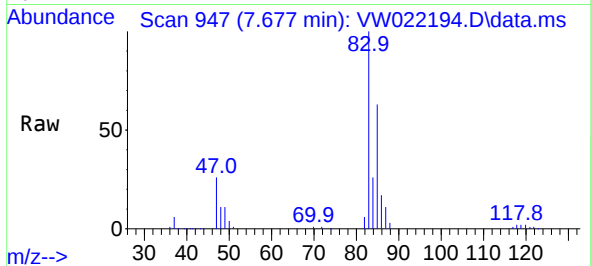




#25
Chloroform
Concen: 24.109 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

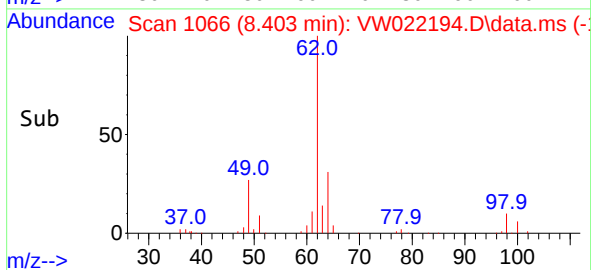
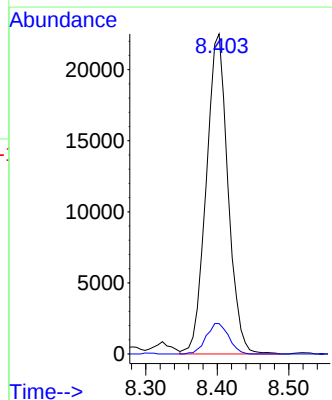
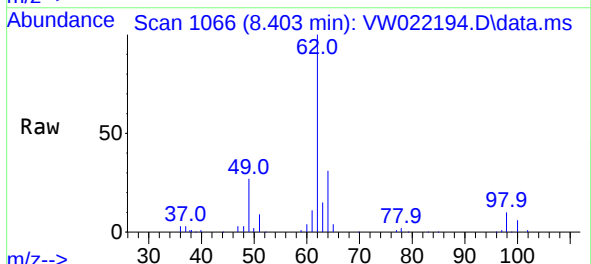
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

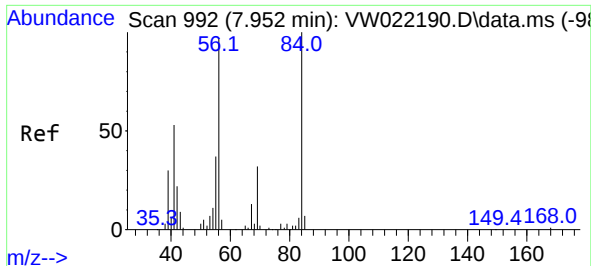
Tgt Ion: 83 Resp: 76844
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.202 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 62 Resp: 47514
Ion Ratio Lower Upper
62 100
98 9.5 7.9 11.9





#29

Cyclohexane

Concen: 21.829 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MS

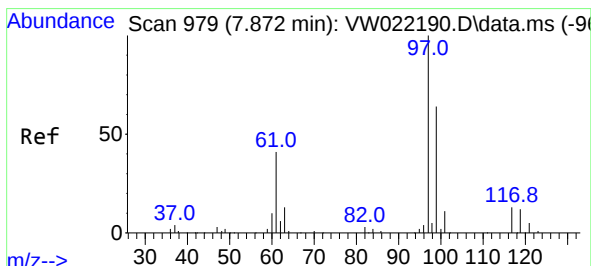
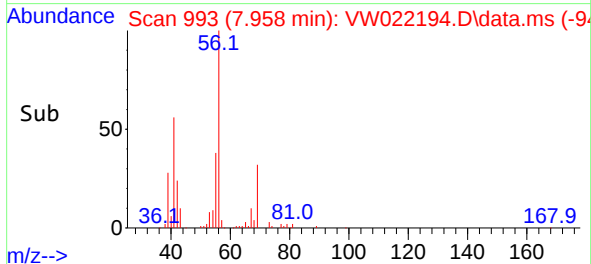
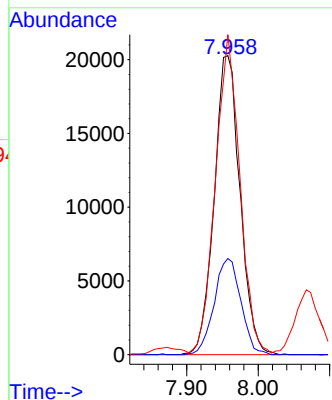
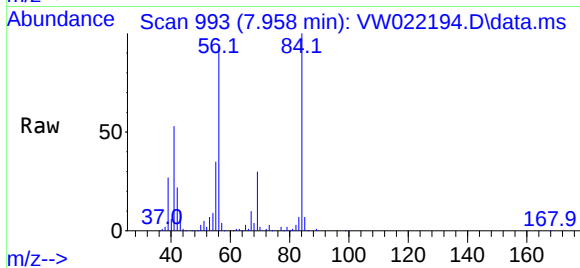
Tgt Ion: 56 Resp: 50842

Ion Ratio Lower Upper

56 100

69 33.2 26.3 39.5

84 101.5 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 23.684 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

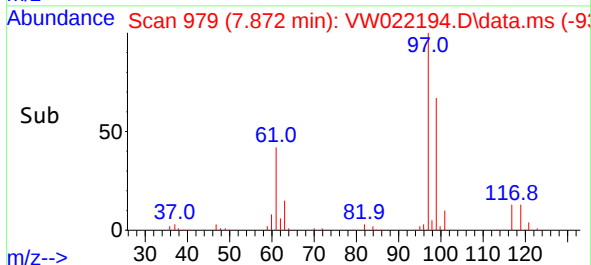
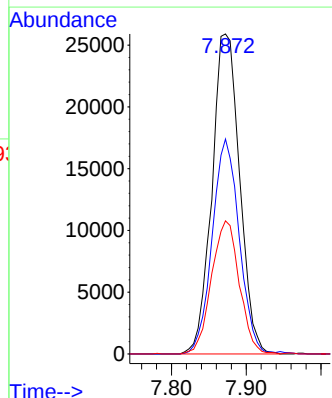
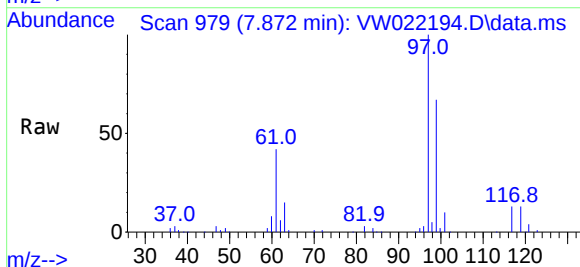
Tgt Ion: 97 Resp: 66687

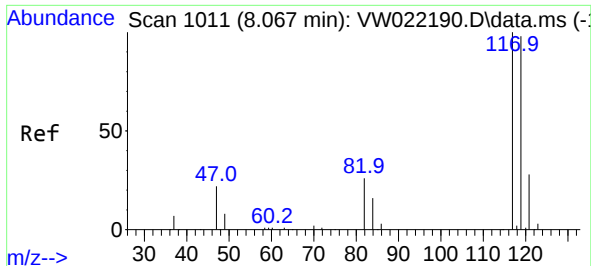
Ion Ratio Lower Upper

97 100

99 65.4 52.6 78.8

61 41.8 33.0 49.6

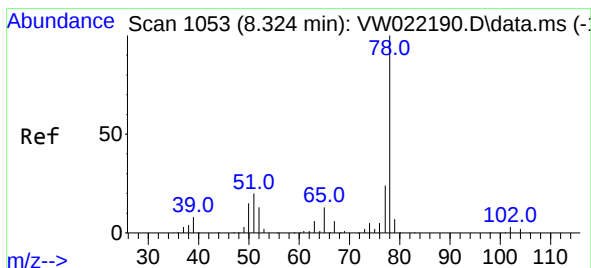
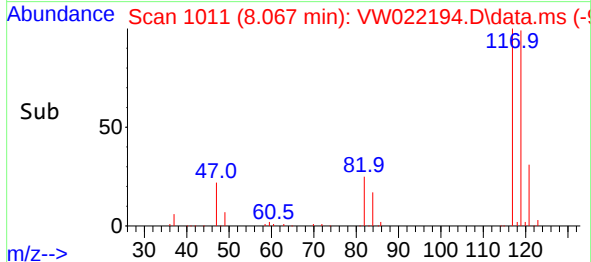
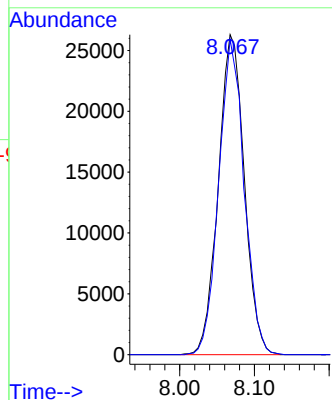
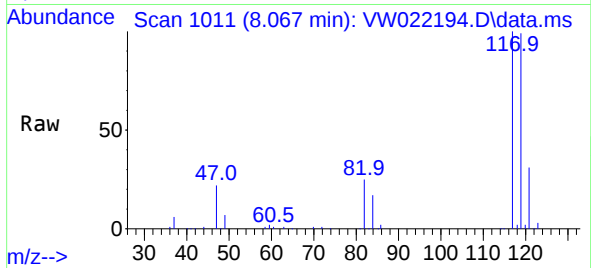




#31
Carbon tetrachloride
Concen: 23.761 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

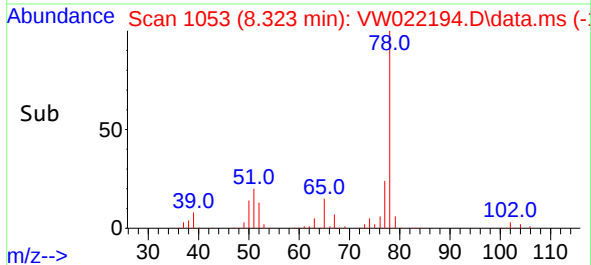
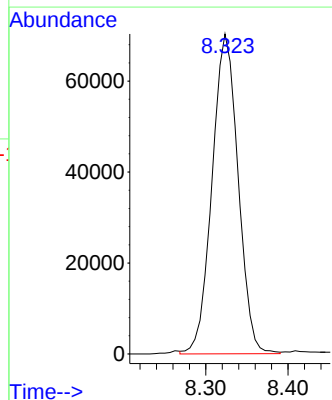
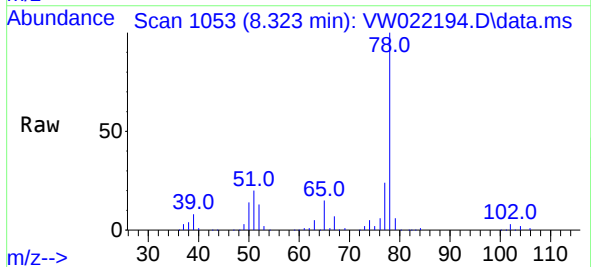
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

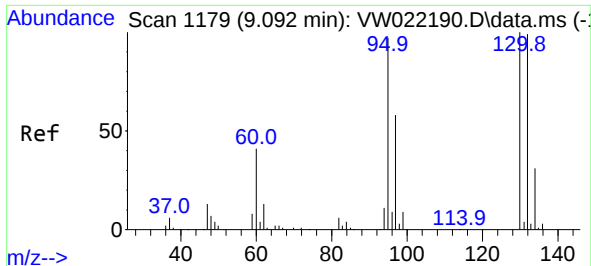
Tgt Ion:117 Resp: 63587
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#33
Benzene
Concen: 22.881 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 78 Resp: 154823

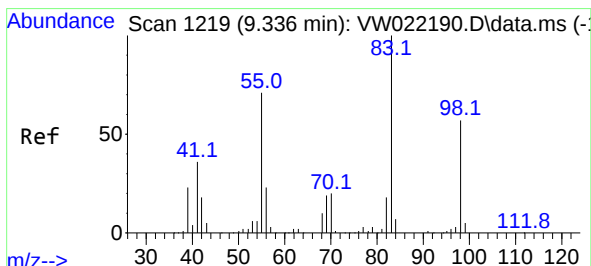
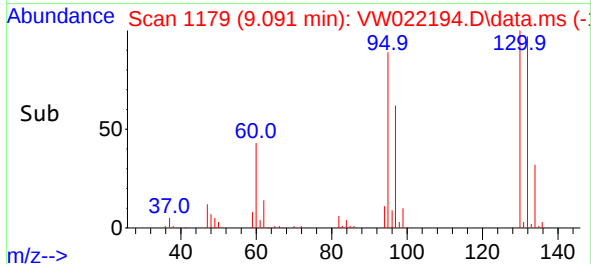
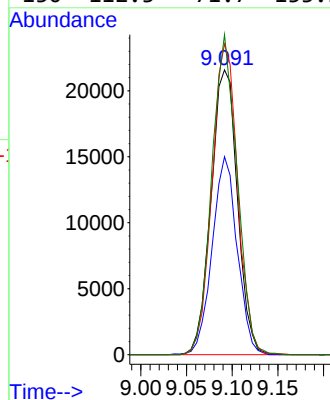
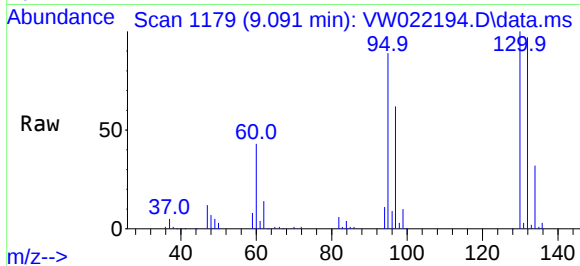




#34
Trichloroethene
Concen: 22.401 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

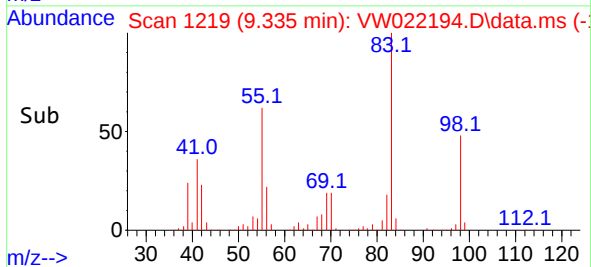
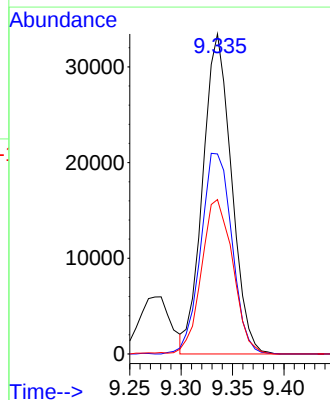
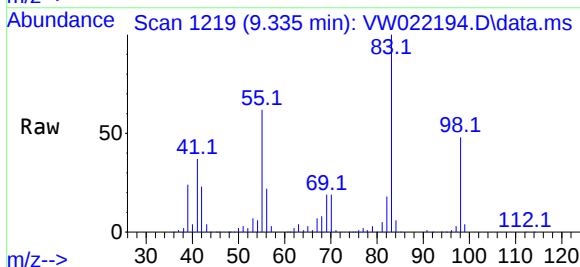
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

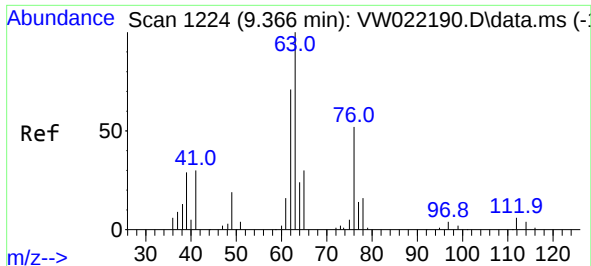
Tgt Ion: 95 Resp: 43399
Ion Ratio Lower Upper
95 100
97 69.5 44.4 82.4
132 109.1 71.7 133.1
130 112.3 71.7 133.1



#35
Methylcyclohexane
Concen: 21.692 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 83 Resp: 65003
Ion Ratio Lower Upper
83 100
55 67.9 53.8 80.8
98 52.6 42.1 63.1





#37

1,2-Dichloropropane

Concen: 23.545 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

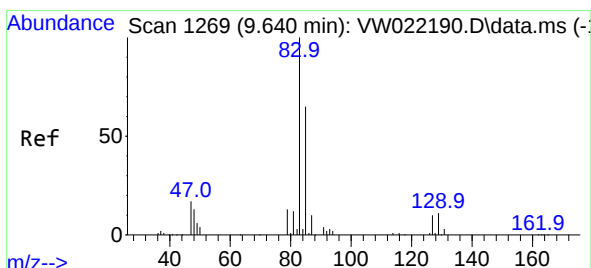
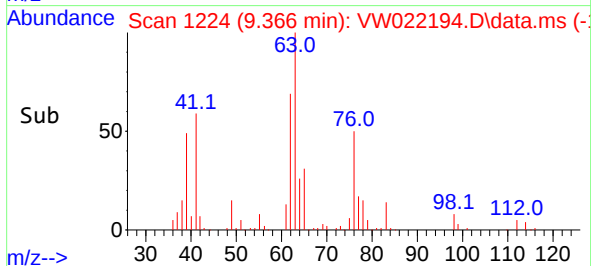
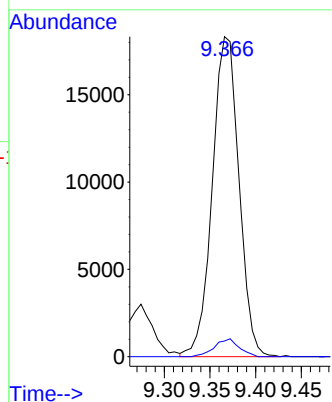
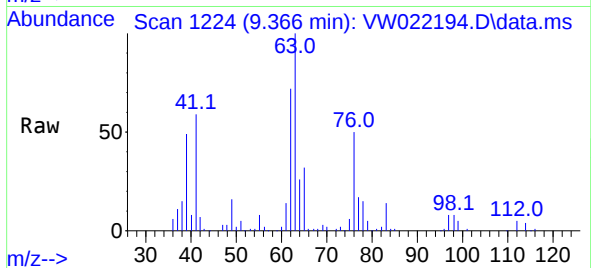
DBRU6MS

Tgt Ion: 63 Resp: 37168

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 24.231 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

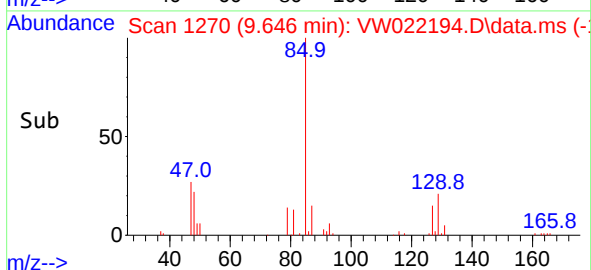
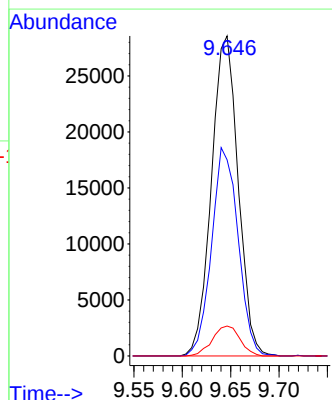
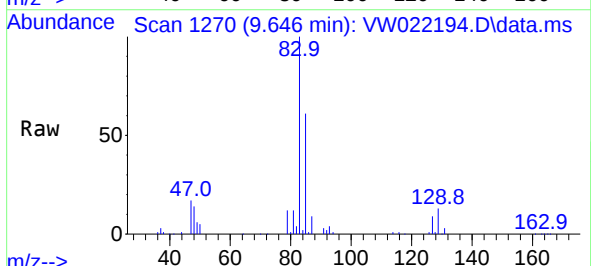
Tgt Ion: 83 Resp: 54853

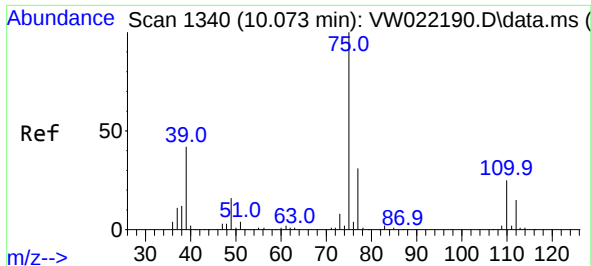
Ion Ratio Lower Upper

83 100

85 61.3 47.9 89.1

127 9.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 25.052 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

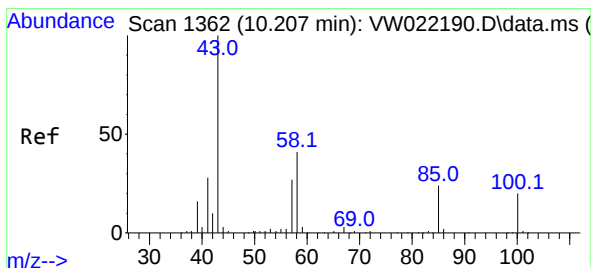
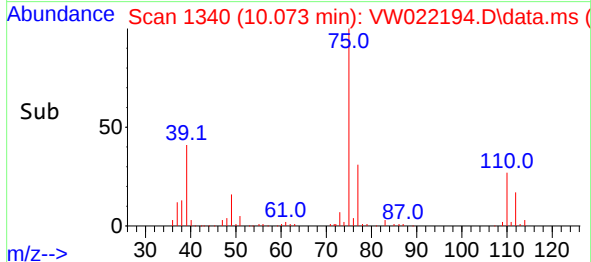
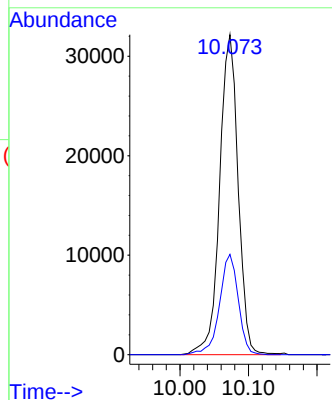
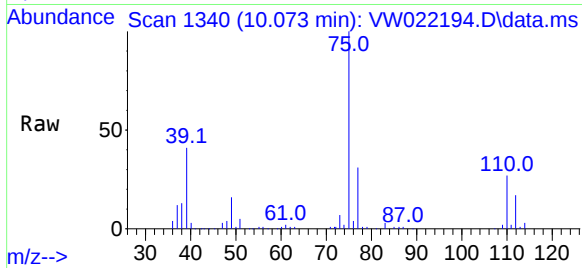
DBRU6MS

Tgt Ion: 75 Resp: 60111

Ion Ratio Lower Upper

75 100

77 31.3 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 56.725 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

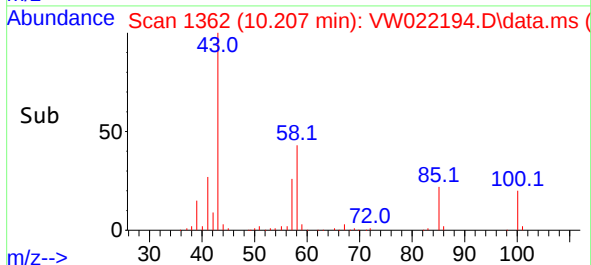
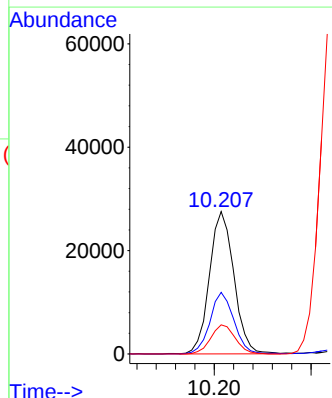
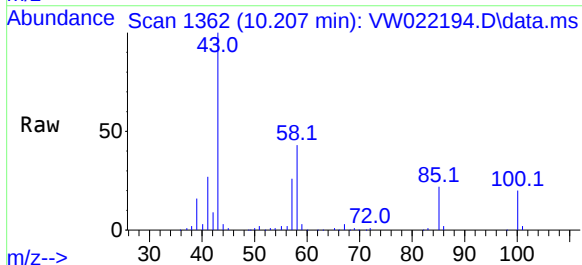
Tgt Ion: 43 Resp: 48357

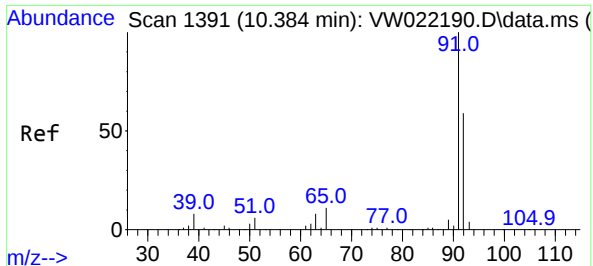
Ion Ratio Lower Upper

43 100

58 42.3 33.2 49.8

100 20.4 16.1 24.1

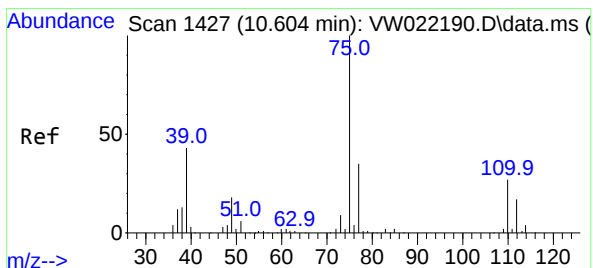
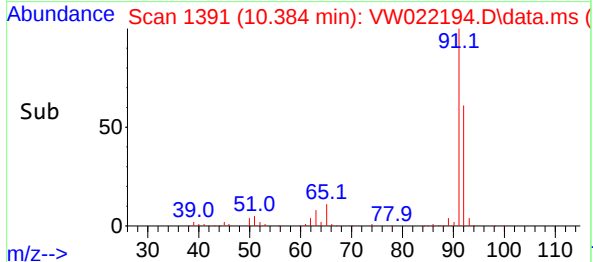
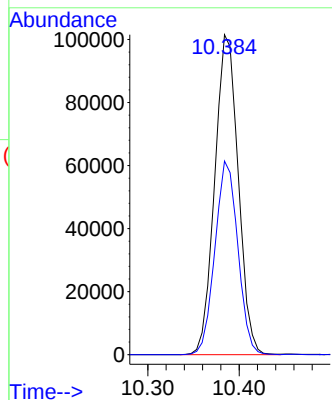
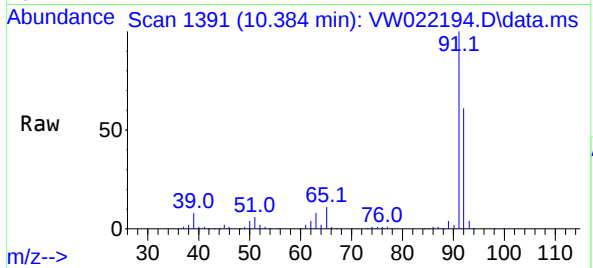




#42
Toluene
Concen: 23.700 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

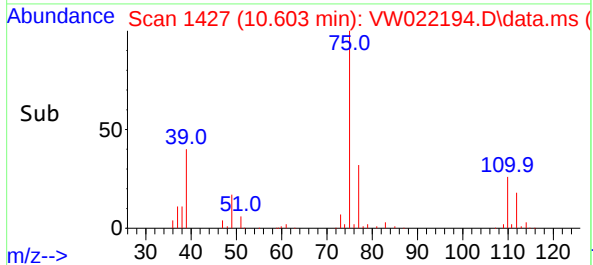
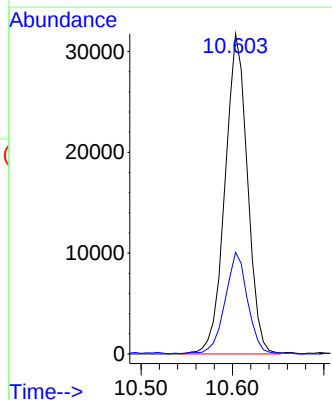
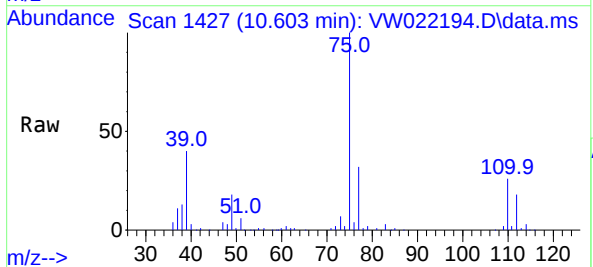
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

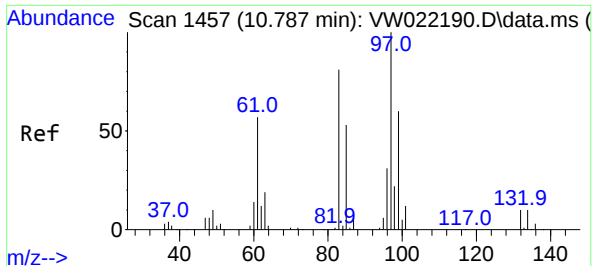
Tgt Ion: 91 Resp: 181499
Ion Ratio Lower Upper
91 100
92 60.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 25.157 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 75 Resp: 54246
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.097 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MS

Tgt Ion: 97 Resp: 33731

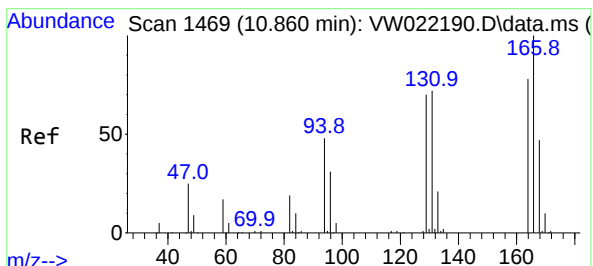
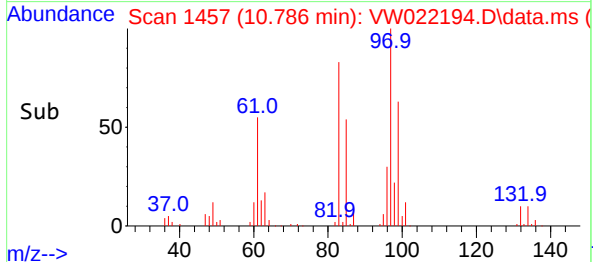
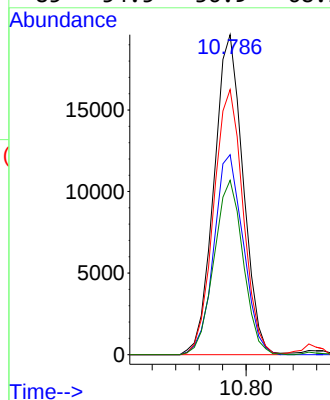
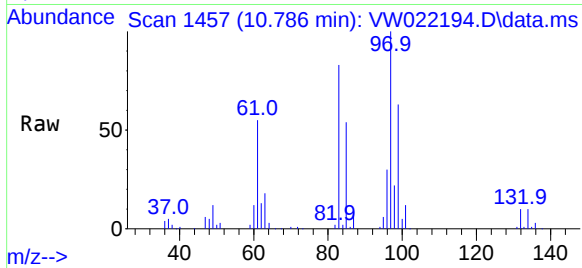
Ion Ratio Lower Upper

97 100

99 62.5 43.5 80.7

83 82.8 53.5 99.3

85 54.5 36.9 68.5



#46

Tetrachloroethene

Concen: 22.701 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Tgt Ion:164 Resp: 38528

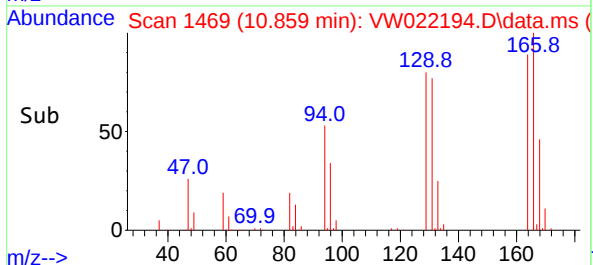
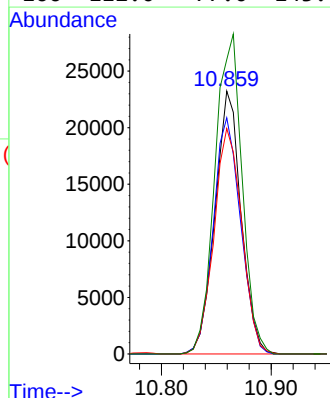
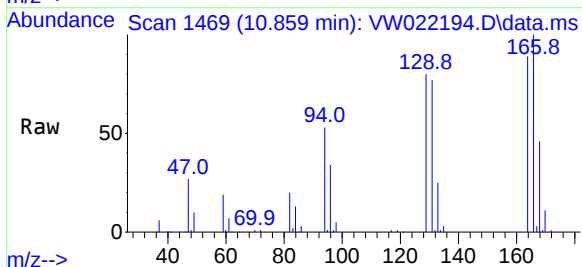
Ion Ratio Lower Upper

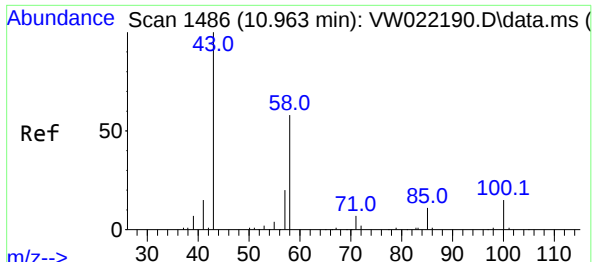
164 100

129 89.8 60.3 111.9

131 85.8 59.9 111.3

166 112.0 77.0 143.0

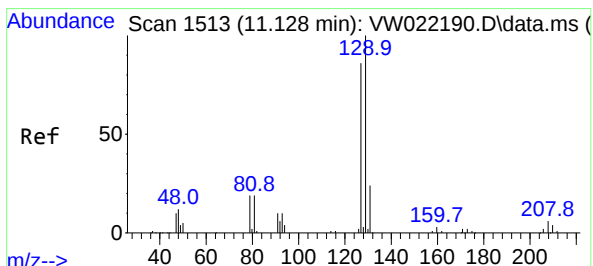
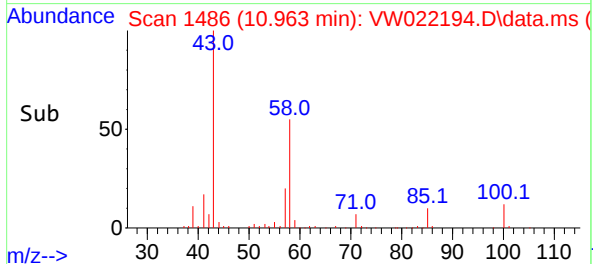
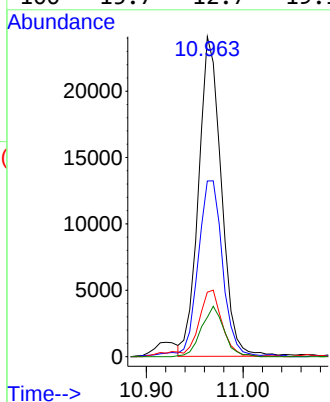
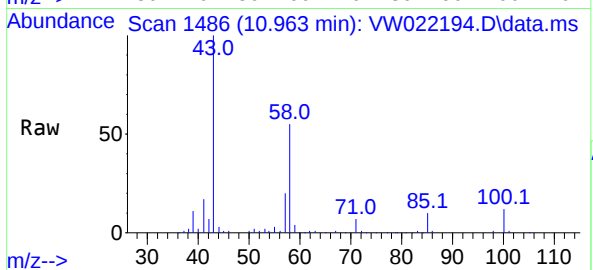




#48
2-Hexanone
Concen: 66.703 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

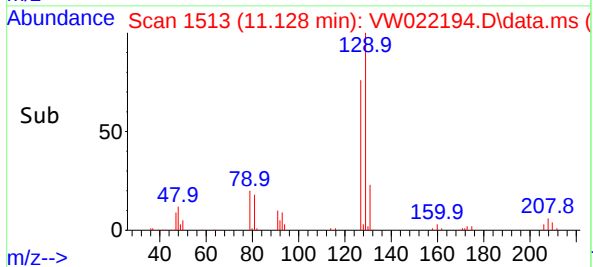
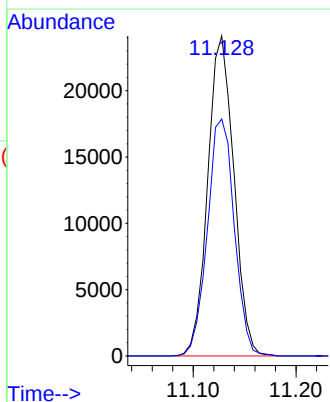
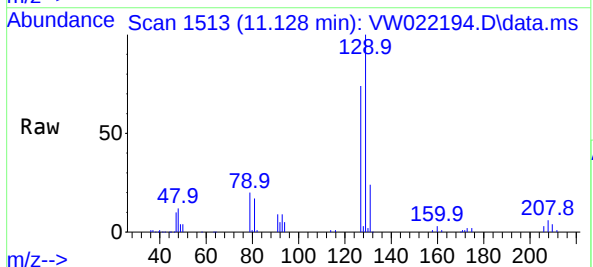
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

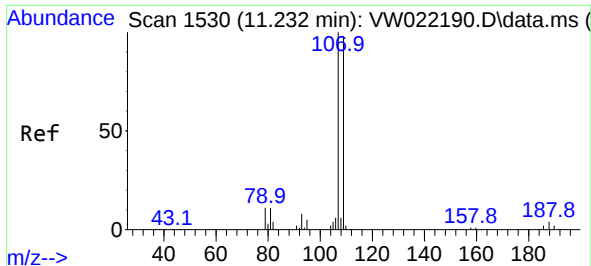
Tgt Ion:	43	Resp:	39466
Ion	Ratio	Lower	Upper
43	100		
58	58.2	44.6	66.8
57	20.7	15.8	23.8
100	15.7	12.7	19.1



#49
Dibromochloromethane
Concen: 25.072 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:	129	Resp:	42629
Ion	Ratio	Lower	Upper
129	100		
127	74.0	54.5	101.1

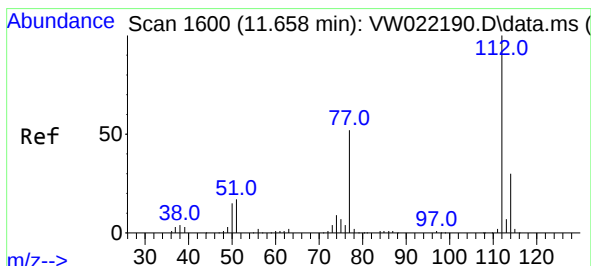
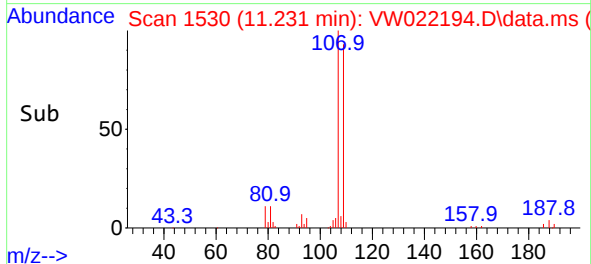
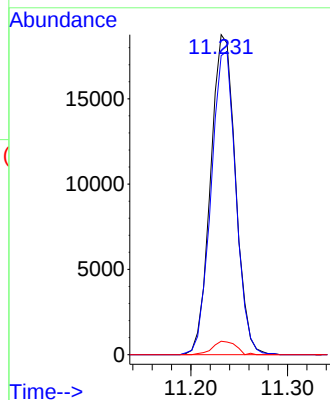
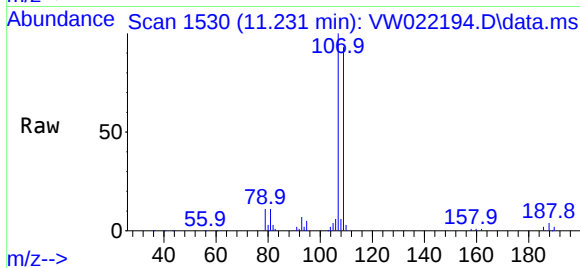




#50
1,2-Dibromoethane
Concen: 24.811 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

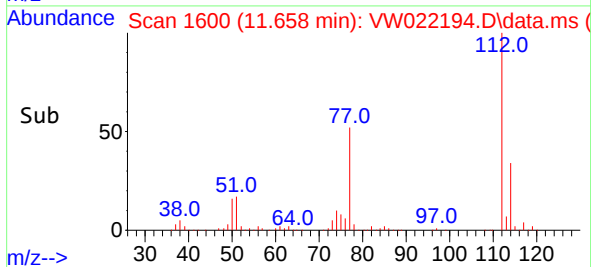
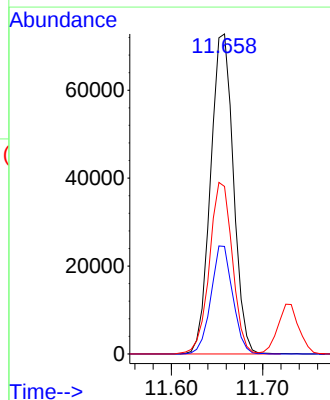
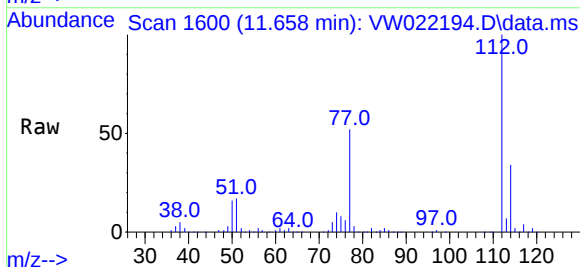
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

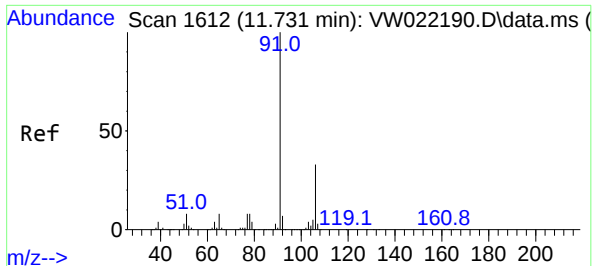
Tgt Ion:107 Resp: 33498
Ion Ratio Lower Upper
107 100
109 93.5 66.8 124.2
188 4.2 2.6 4.0#



#51
Chlorobenzene
Concen: 23.667 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:112 Resp: 126138
Ion Ratio Lower Upper
112 100
114 33.6 23.0 42.8
77 52.3 41.8 62.6

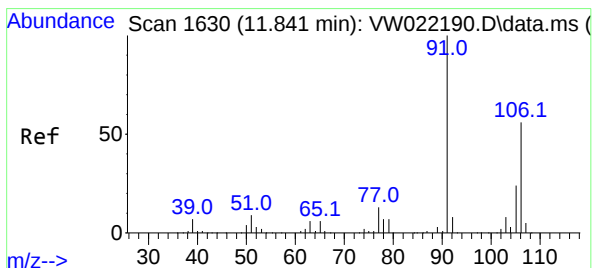
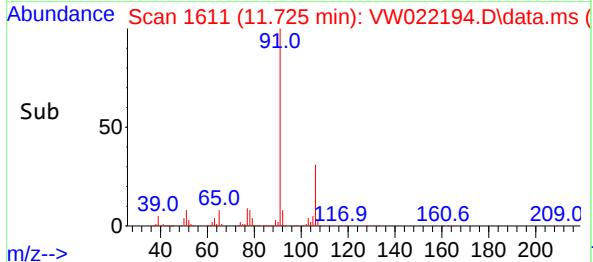
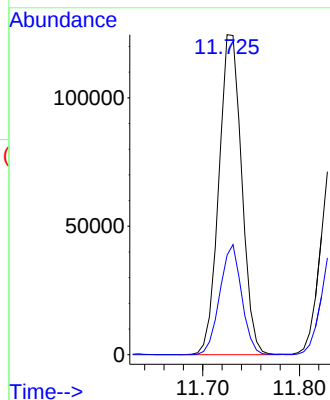
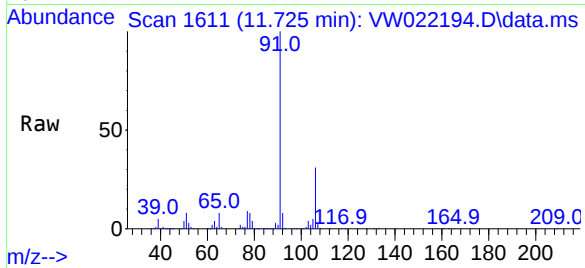




#52
Ethylbenzene
Concen: 24.084 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

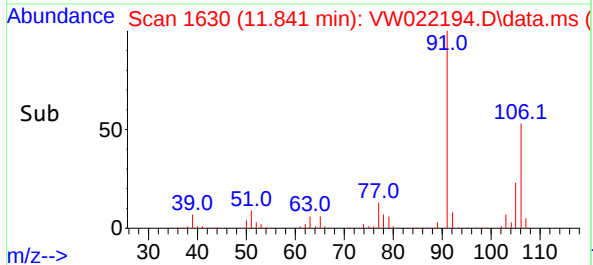
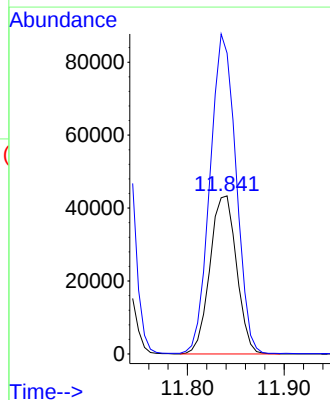
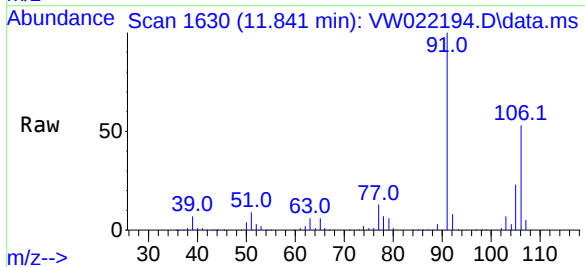
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

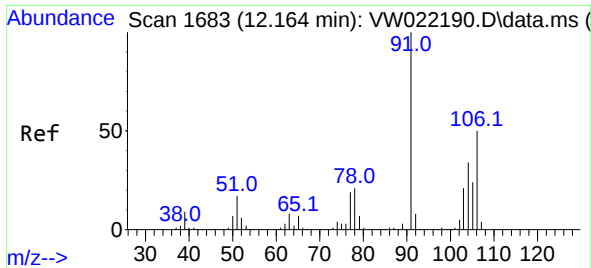
Tgt Ion: 91 Resp: 204125
Ion Ratio Lower Upper
91 100
106 31.1 22.8 42.4



#53
m,p-Xylene
Concen: 23.740 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:106 Resp: 82794
Ion Ratio Lower Upper
106 100
91 190.4 135.0 250.8

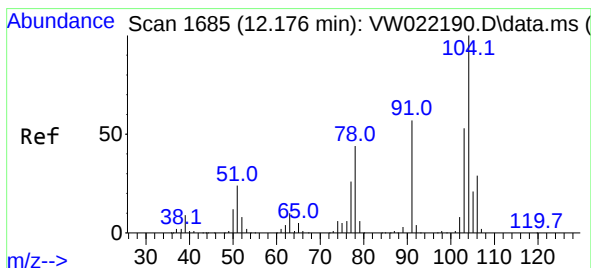
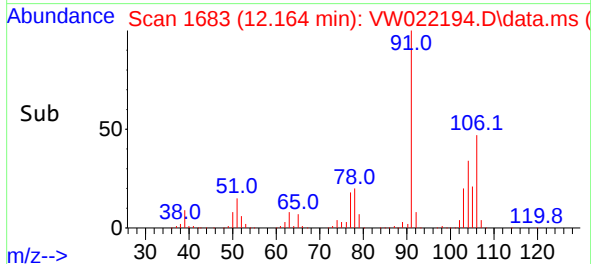
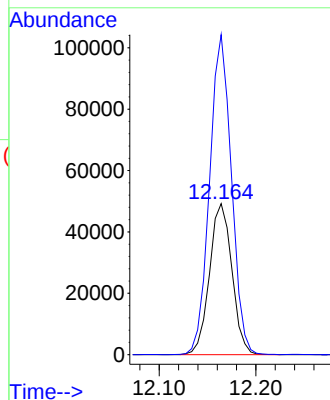
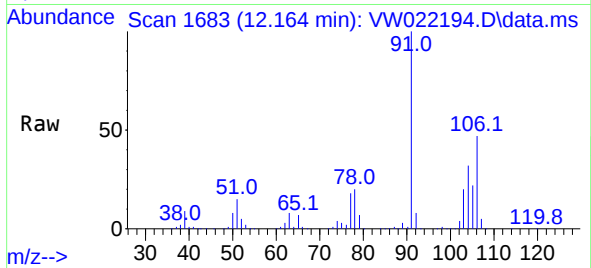




#54
o-Xylene
Concen: 24.162 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

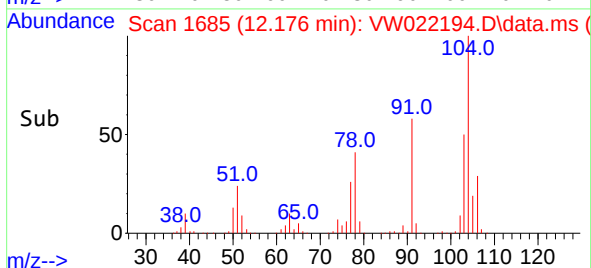
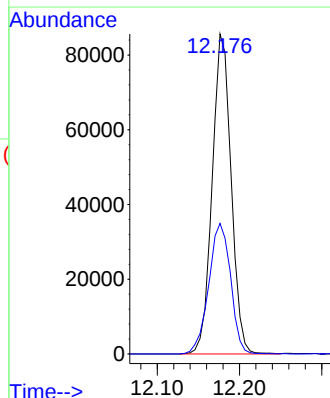
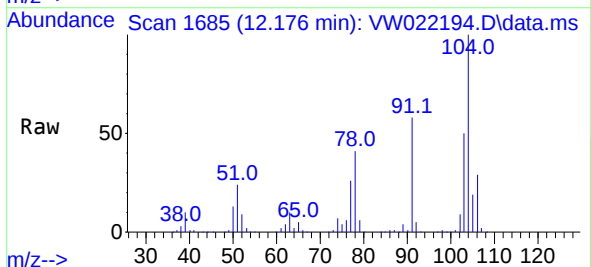
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

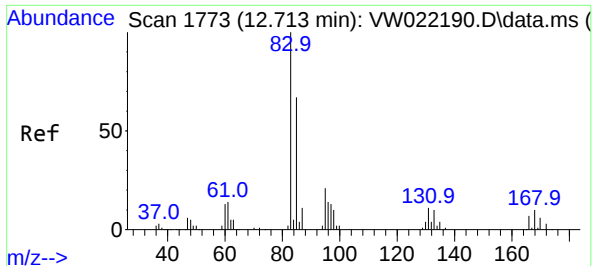
Tgt Ion:106 Resp: 79286
Ion Ratio Lower Upper
106 100
91 211.8 136.9 254.3



#55
Styrene
Concen: 24.907 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:104 Resp: 137019
Ion Ratio Lower Upper
104 100
78 40.8 27.8 51.6

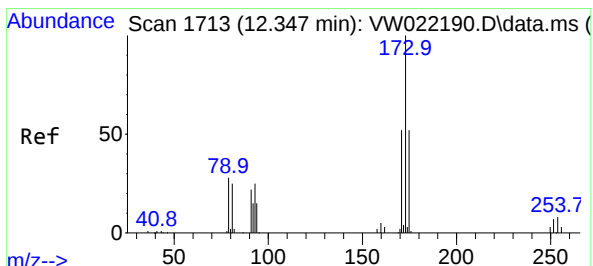
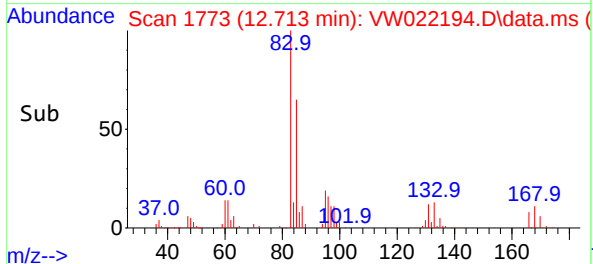
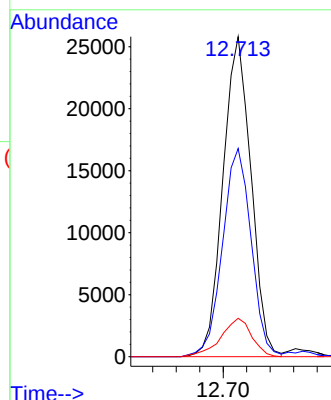
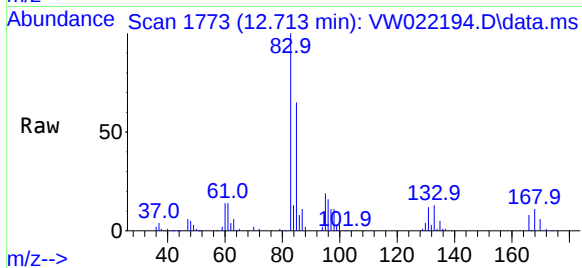




#57
1,1,2,2-Tetrachloroethane
Concen: 26.343 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

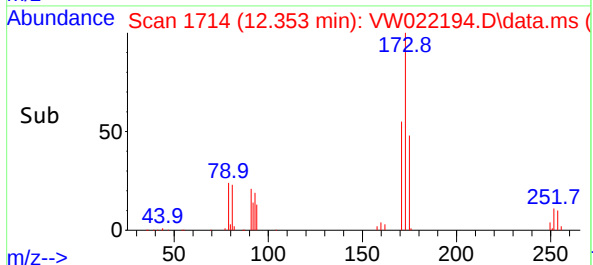
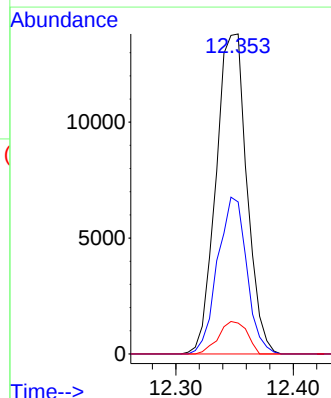
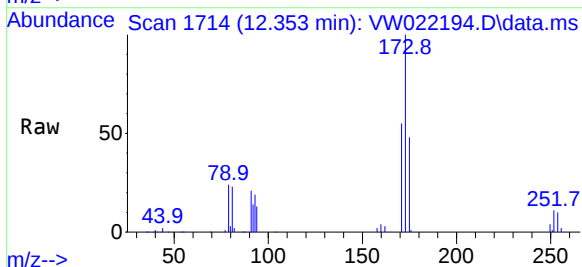
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

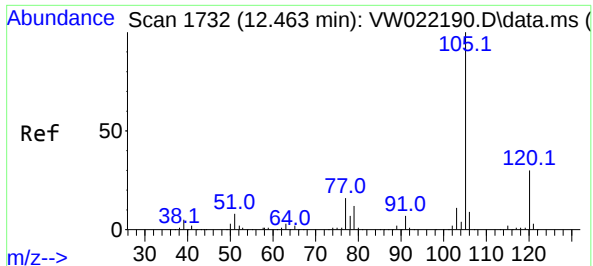
Tgt Ion:	83	Resp:	42785
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.2	82.0
131	12.0	9.4	14.0



#59
Bromoform
Concen: 23.757 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:	173	Resp:	25188
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.2	57.4
254	9.4	5.0	7.6



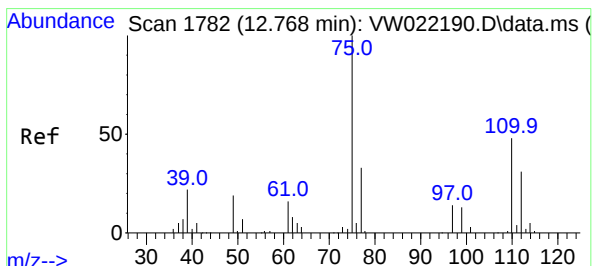
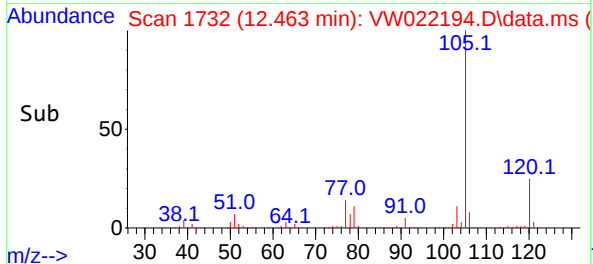
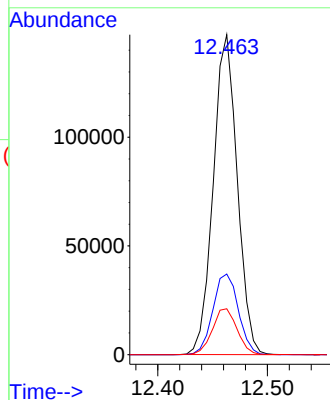
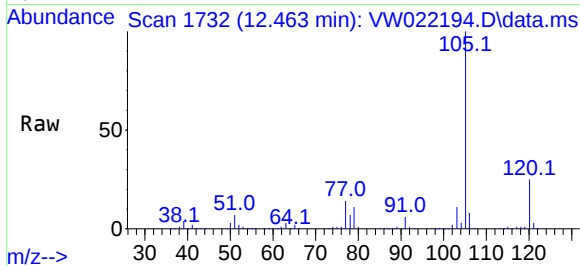


#60
Isopropylbenzene
Concen: 23.235 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

Tgt Ion:105 Resp: 223617

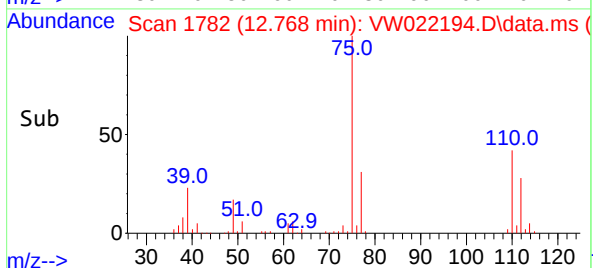
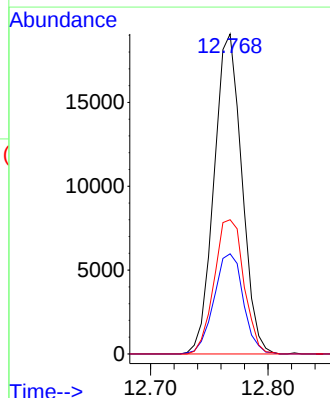
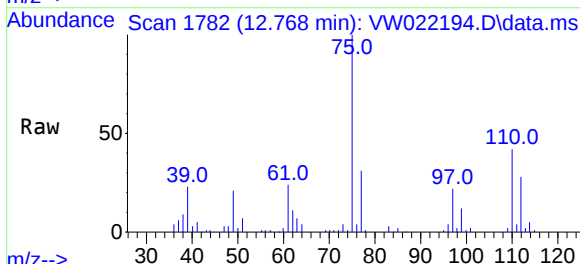
Ion	Ratio	Lower	Upper
105	100		
120	26.9	22.1	33.1
77	14.9	12.0	18.0

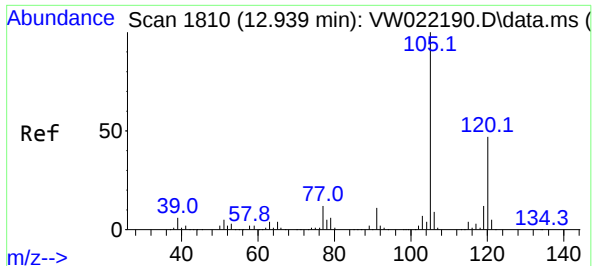


#61
1,2,3-Trichloropropane
Concen: 24.741 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 75 Resp: 31307

Ion	Ratio	Lower	Upper
75	100		
77	33.1	27.1	40.7
110	44.9	36.7	55.1





#62

1,3,5-Trimethylbenzene

Concen: 23.452 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

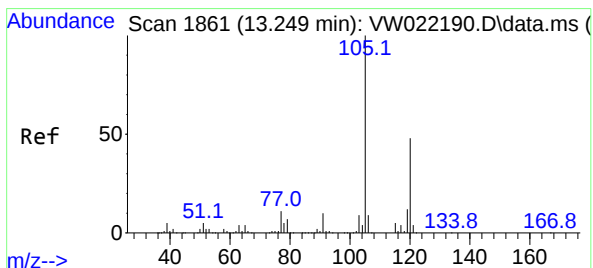
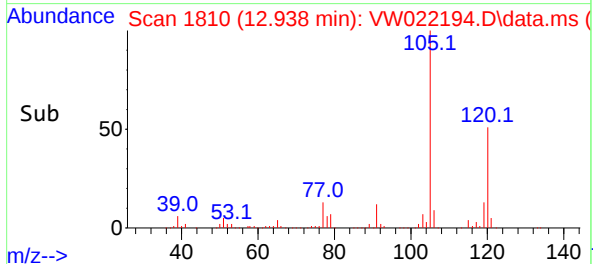
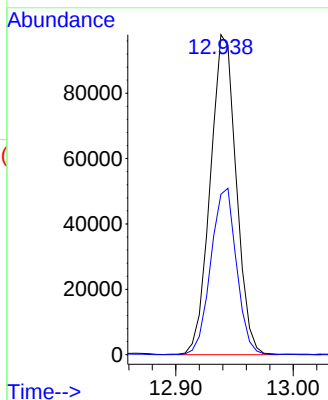
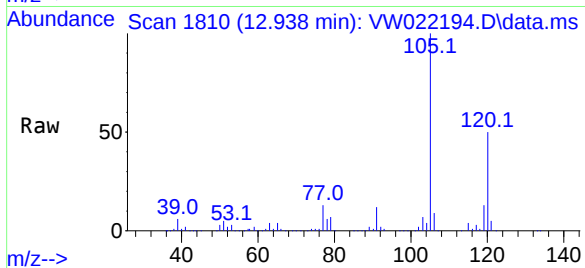
DBRU6MS

Tgt Ion:105 Resp: 150087

Ion Ratio Lower Upper

105 100

120 51.5 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 23.606 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022194.D

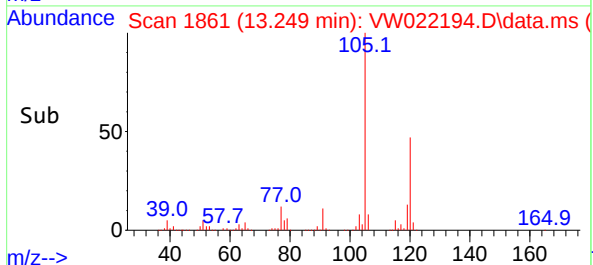
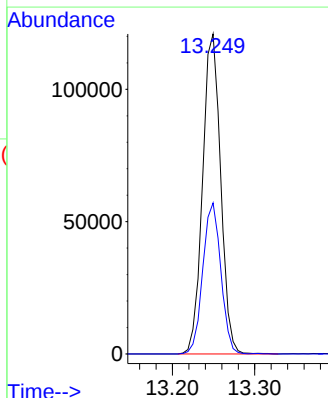
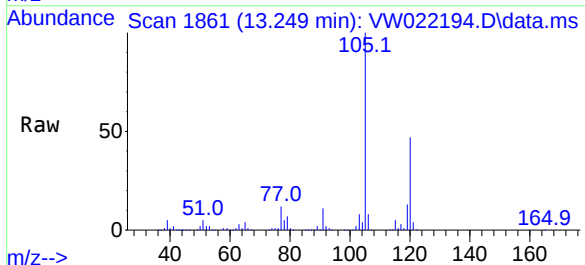
Acq: 07 Mar 2022 12:28

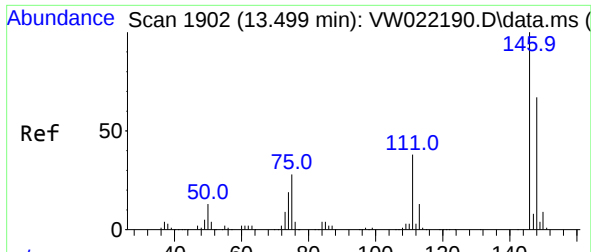
Tgt Ion:105 Resp: 184629

Ion Ratio Lower Upper

105 100

120 47.0 39.2 58.8

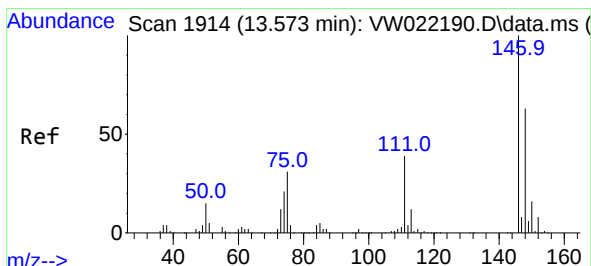
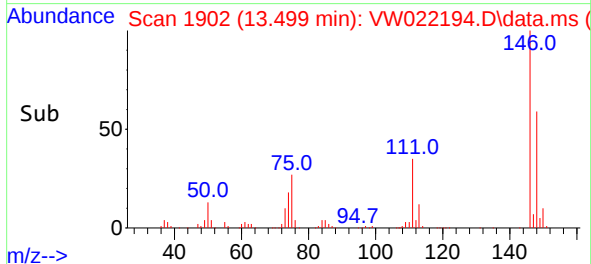
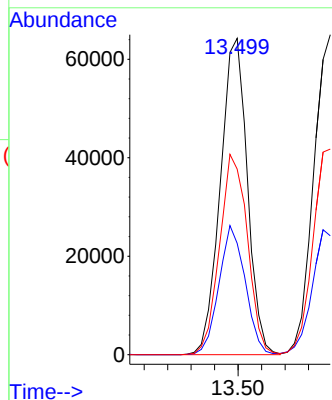
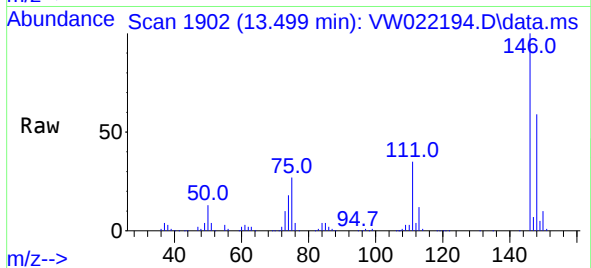




#64
1,3-Dichlorobenzene
Concen: 21.487 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

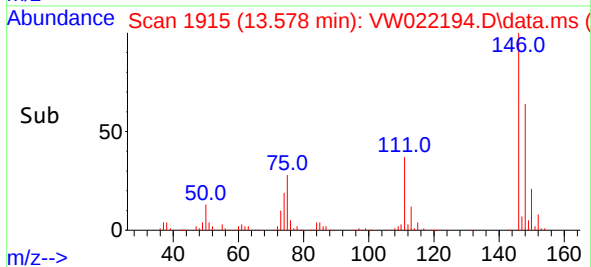
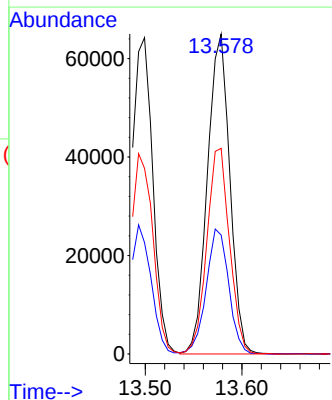
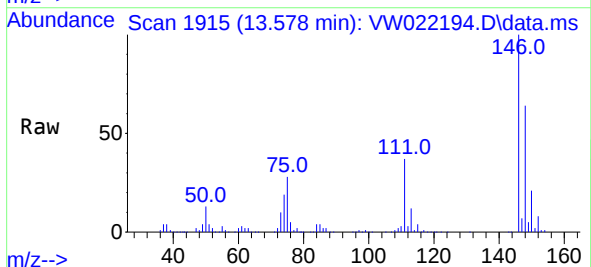
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

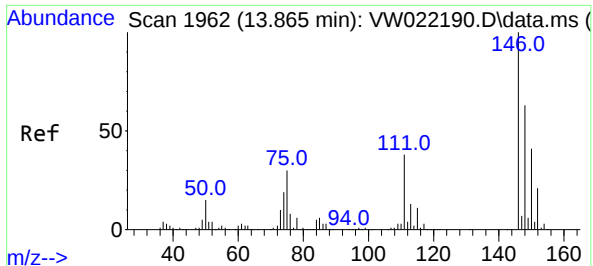
Tgt Ion:146 Resp: 102584
Ion Ratio Lower Upper
146 100
111 35.2 26.9 49.9
148 58.7 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 21.889 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:146 Resp: 104726
Ion Ratio Lower Upper
146 100
111 37.1 27.5 51.1
148 64.2 42.9 79.7

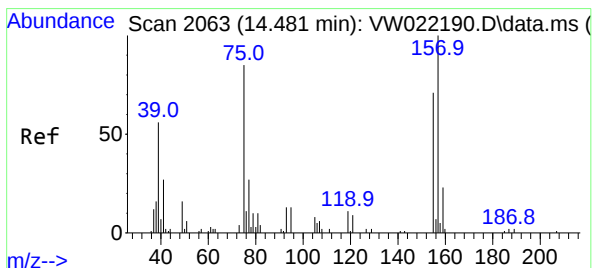
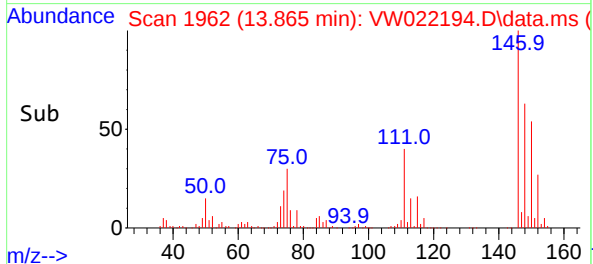
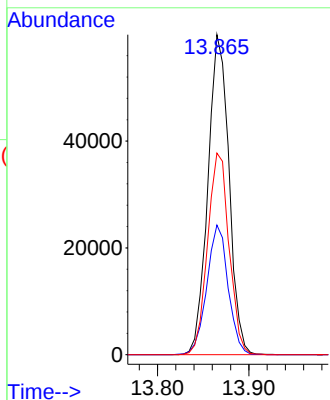
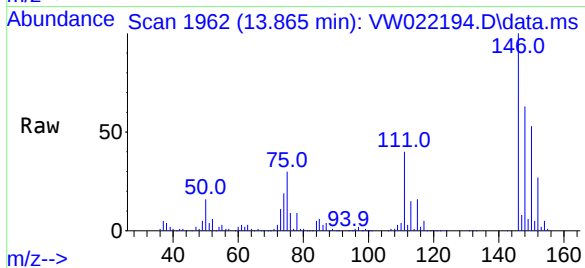




#67
1,2-Dichlorobenzene
Concen: 22.608 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

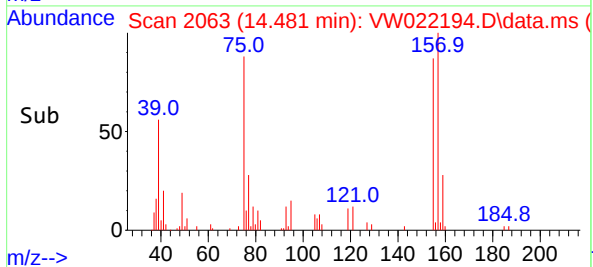
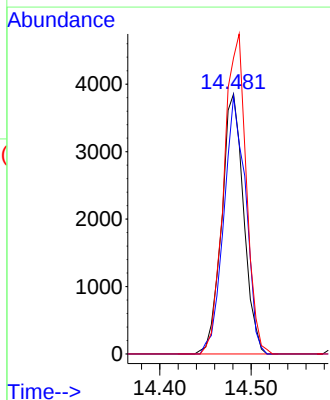
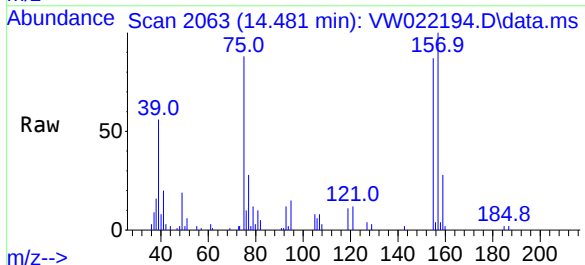
Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

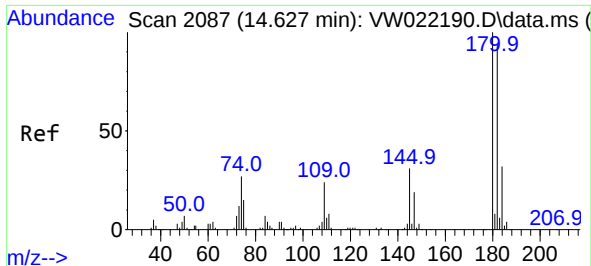
Tgt Ion:146 Resp: 95964
Ion Ratio Lower Upper
146 100
111 40.5 34.8 52.2
148 63.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.004 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion: 75 Resp: 6421
Ion Ratio Lower Upper
75 100
155 99.1 58.2 87.2#
157 113.9 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 21.393 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

Instrument :

MSVOA_W

ClientSampleId :

DBRU6MS

Tgt Ion:180 Resp: 73309

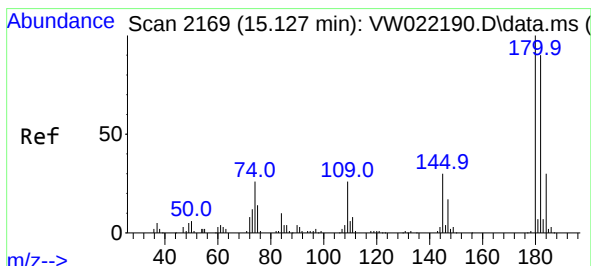
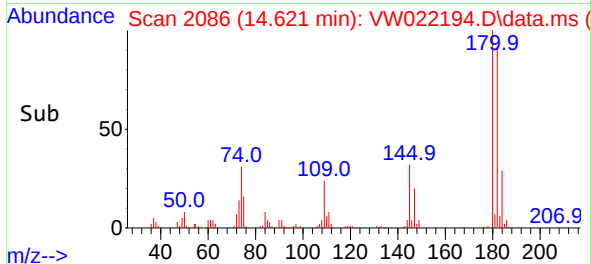
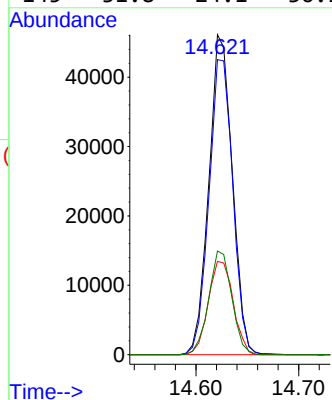
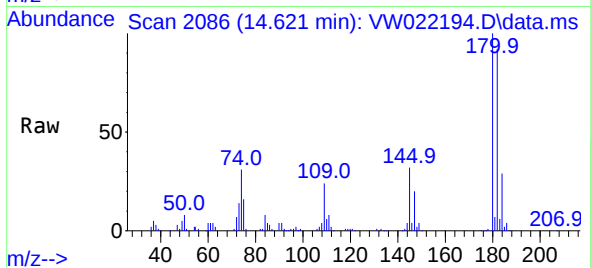
Ion Ratio Lower Upper

180 100

182 93.5 69.4 104.0

184 30.9 21.8 32.8

145 31.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 22.786 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022194.D

Acq: 07 Mar 2022 12:28

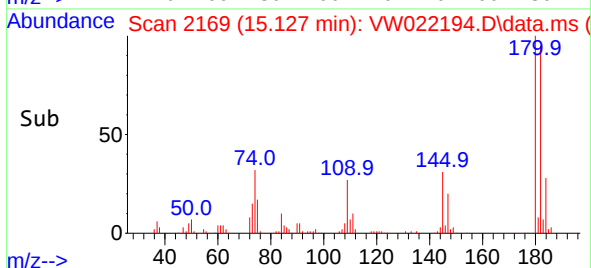
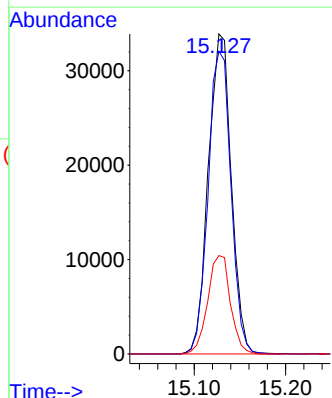
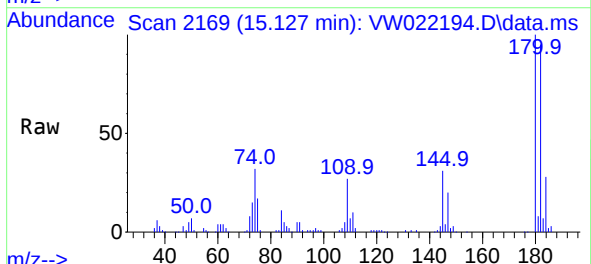
Tgt Ion:180 Resp: 59080

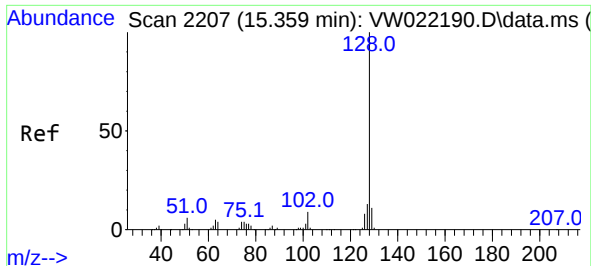
Ion Ratio Lower Upper

180 100

182 94.1 77.8 116.6

145 30.5 25.8 38.6

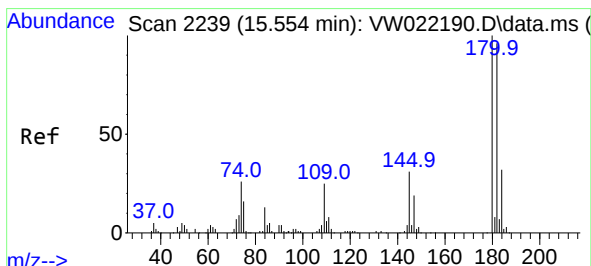
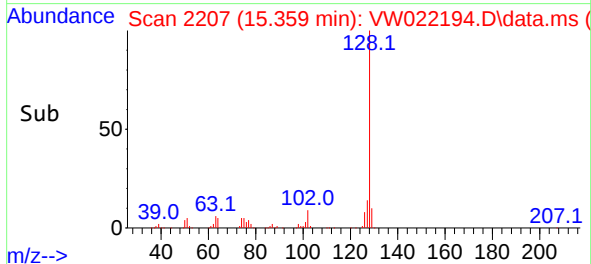
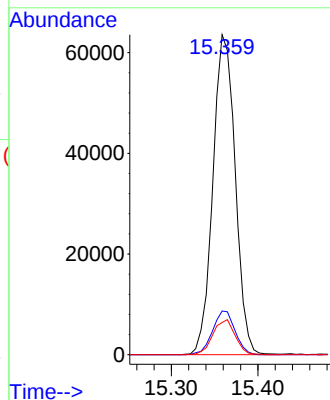
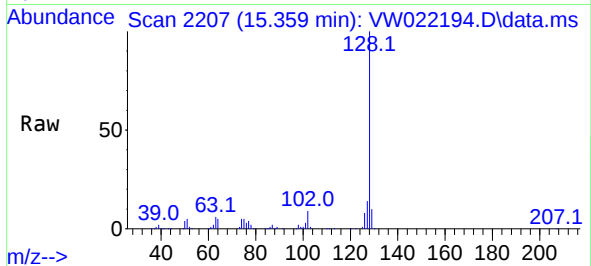




#71
Naphthalene
Concen: 24.904 ug/L
RT: 15.359 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Instrument :
MSVOA_W
ClientSampleId :
DBRU6MS

Tgt Ion:128 Resp: 113989
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.6
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.814 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022194.D
Acq: 07 Mar 2022 12:28

Tgt Ion:180 Resp: 51163
Ion Ratio Lower Upper
180 100
182 93.3 79.0 118.4
145 33.8 28.0 42.0

