

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022108.D
 Acq On : 23 Feb 2022 14:24
 Operator : SY/VA
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 01:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	186162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	176014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	111725	46.013	ug/L	0.00
7) Chloroethane-d5	2.885	69	90108	47.165	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	181869	48.911	ug/L	0.00
21) 2-Butanone-d5	7.073	46	45224	107.500	ug/L	0.00
24) Chloroform-d	7.647	84	207420	49.938	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	106071	49.129	ug/L	0.00
32) Benzene-d6	8.274	84	403624	49.272	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	109538	48.150	ug/L	0.00
41) Toluene-d8	10.323	98	405157	49.749	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	53001	52.545	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	42485	113.548	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	100020	50.098	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	143112	48.375	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	28243	54.285	ug/L	95
3) Chloromethane	2.215	50	72753	40.808	ug/L	96
5) Vinyl chloride	2.361	62	114679	42.811	ug/L	98
6) Bromomethane	2.775	94	79478	42.483	ug/L	95
8) Chloroethane	2.916	64	70481	46.837	ug/L	95
9) Trichlorofluoromethane	3.257	101	86748	47.698	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101434	45.714	ug/L	98
12) 1,1-Dichloroethene	4.037	96	91143	47.395	ug/L	88
13) Acetone	4.117	43	32130	98.407	ug/L	98
14) Carbon disulfide	4.379	76	235117	47.158	ug/L	96
15) Methyl Acetate	4.665	43	37586	50.283	ug/L	98
16) Methylene chloride	4.915	84	97521	42.678	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	103037	48.782	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	150940	52.523	ug/L	99
19) 1,1-Dichloroethane	6.214	63	169554	49.584	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	114056	49.848	ug/L	93
22) 2-Butanone	7.165	43	51468	106.420	ug/L	96
23) Bromochloromethane	7.518	128	55788	49.912	ug/L	95
25) Chloroform	7.677	83	193821	48.578	ug/L	99
27) 1,2-Dichloroethane	8.396	62	120402	48.994	ug/L	98
29) Cyclohexane	7.957	56	145216	49.575	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	169389	47.834	ug/L	100
31) Carbon tetrachloride	8.067	117	165339	49.127	ug/L	99
33) Benzene	8.323	78	405799	47.686	ug/L	100
34) Trichloroethene	9.091	95	116218	47.697	ug/L	98
35) Methylcyclohexane	9.335	83	184812	49.038	ug/L	99
37) 1,2-Dichloropropane	9.366	63	95102	47.903	ug/L	99
38) Bromodichloromethane	9.646	83	141491	49.698	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	164261	54.432	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	115937	108.138	ug/L	99
42) Toluene	10.384	91	482345	50.080	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	147222	54.289	ug/L	100

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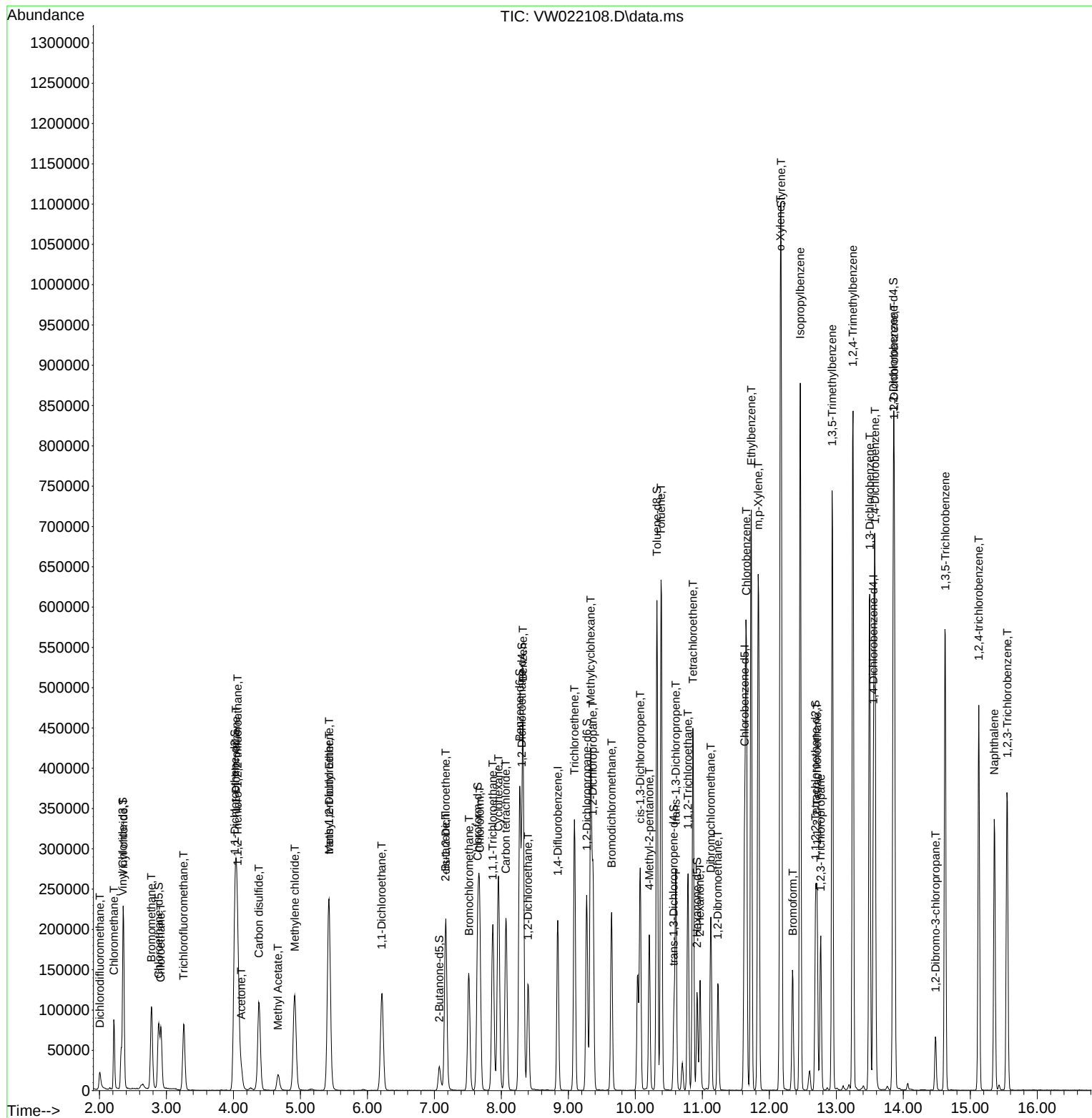
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	85267	48.435	ug/L	96
46) Tetrachloroethene	10.859	164	102126	47.846	ug/L	92
48) 2-Hexanone	10.963	43	83130	111.717	ug/L	98
49) Dibromochloromethane	11.128	129	115414	53.973	ug/L	99
50) 1,2-Dibromoethane	11.231	107	86695	51.056	ug/L	98
51) Chlorobenzene	11.658	112	326116	48.652	ug/L	99
52) Ethylbenzene	11.731	91	522198	48.989	ug/L	98
53) m,p-Xylene	11.835	106	220837	50.349	ug/L	96
54) o-Xylene	12.164	106	215280	52.164	ug/L	93
55) Styrene	12.176	104	363969	52.607	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	101065	49.479	ug/L	95
59) Bromoform	12.353	173	69187	56.803	ug/L #	98
60) Isopropylbenzene	12.463	105	584887	52.899	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	74288	51.102	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	404653	55.038	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	483511	53.811	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	273150	49.801	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	270879	49.283	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	244754	50.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15512	50.460	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	191177	48.562	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	152515	51.202	ug/L	97
71) Naphthalene	15.359	128	293052	55.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131314	50.968	ug/L	97

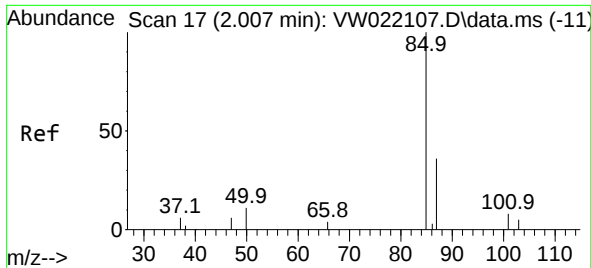
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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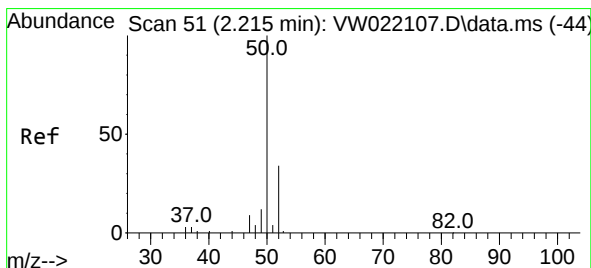
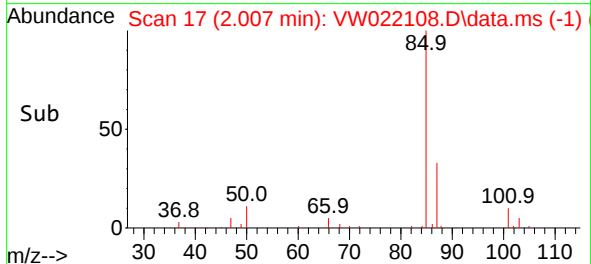
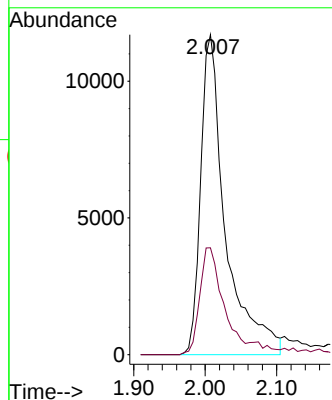
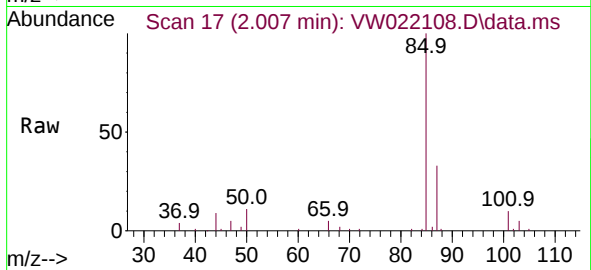




#2
 Dichlorodifluoromethane
 Concen: 54.285 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

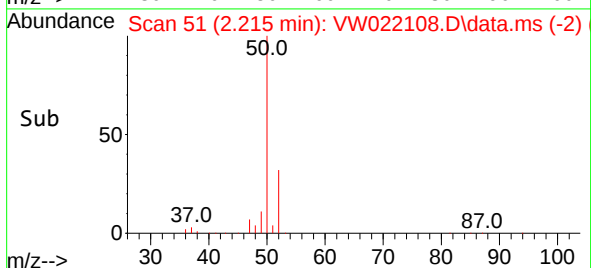
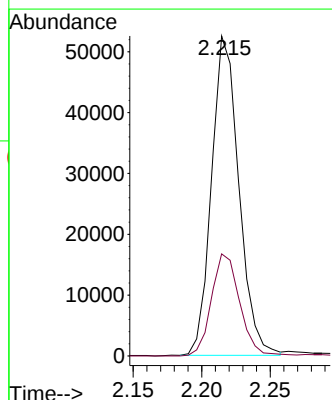
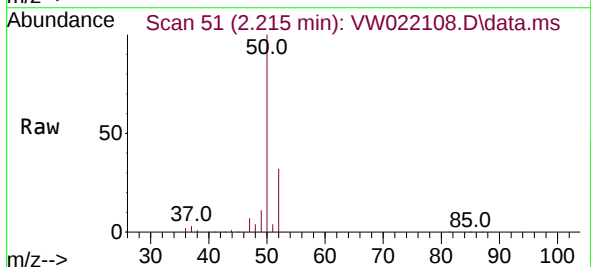
Instrument :
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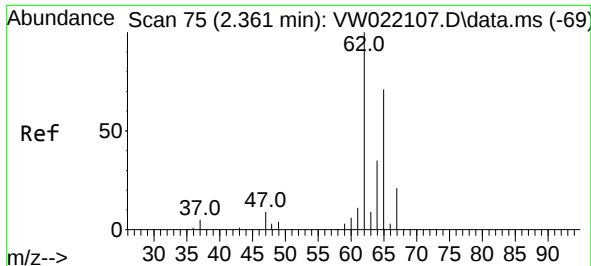
Tgt Ion: 85 Resp: 28243
 Ion Ratio Lower Upper
 85 100
 87 31.4 27.6 41.4



#3
 Chloromethane
 Concen: 40.808 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

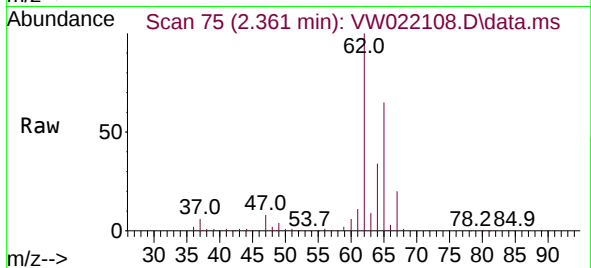
Tgt Ion: 50 Resp: 72753
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.9 44.5



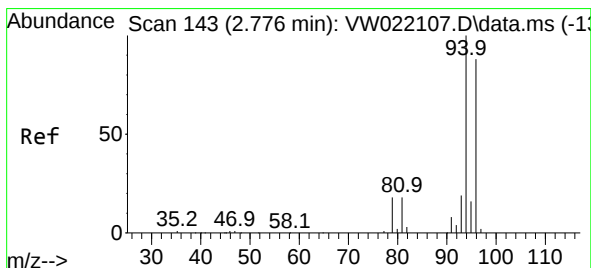
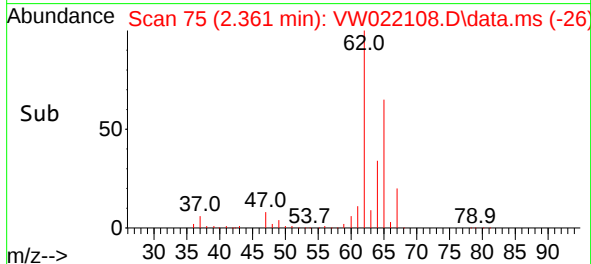
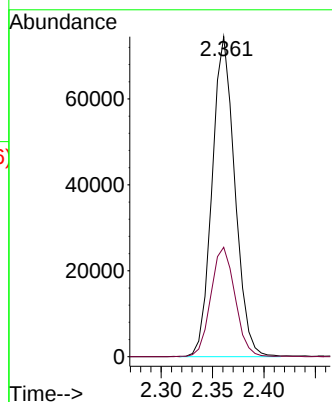


#5
 Vinyl chloride
 Concen: 42.811 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

Instrument :
 MSVOA_W
 ClientSampleId :

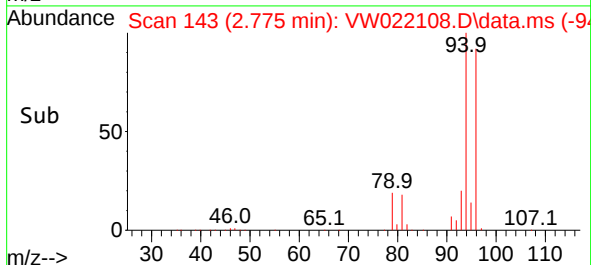
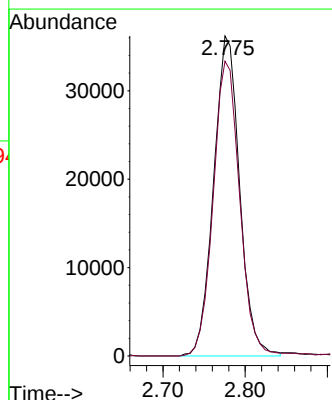
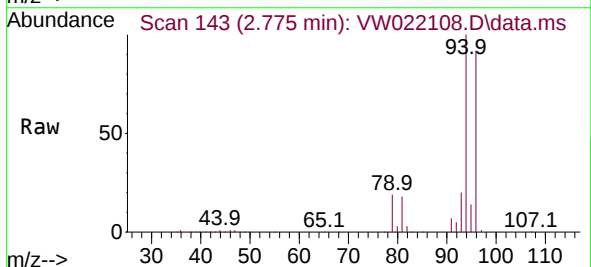


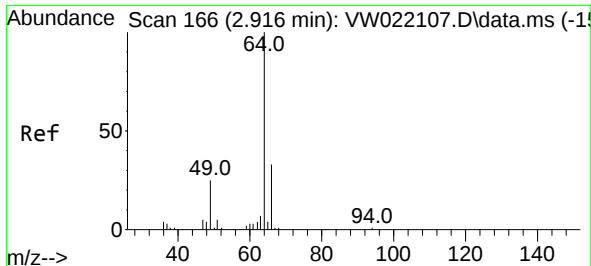
Tgt Ion: 62 Resp: 114679
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.7 45.9



#6
 Bromomethane
 Concen: 42.483 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

Tgt Ion: 94 Resp: 79478
 Ion Ratio Lower Upper
 94 100
 96 92.1 61.2 113.8

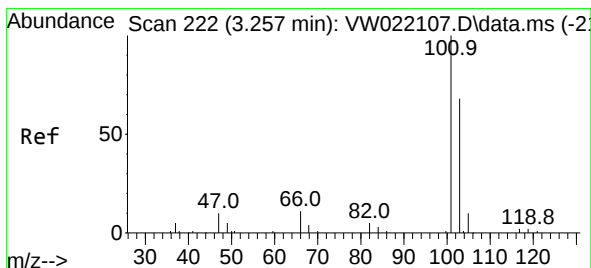
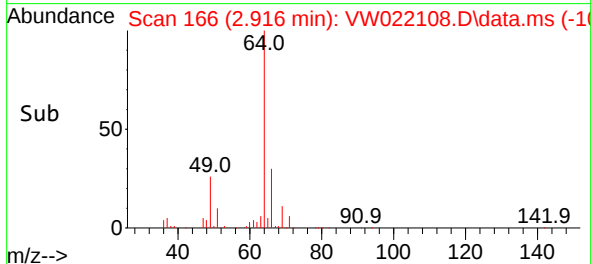
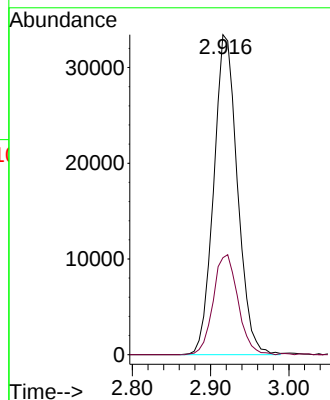
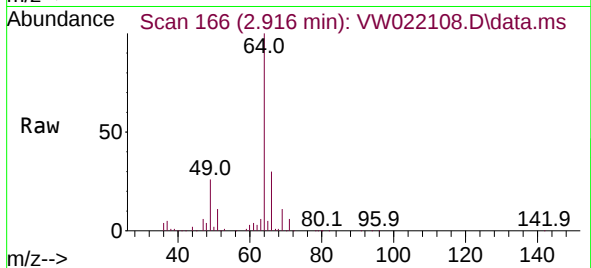




#8
Chloroethane
Concen: 46.837 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

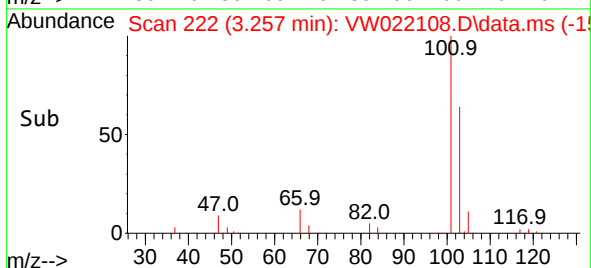
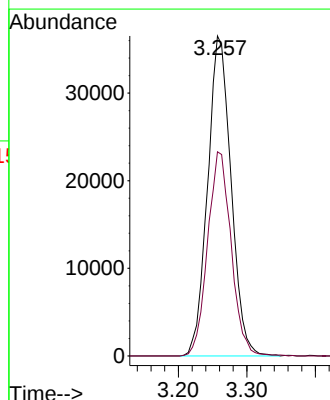
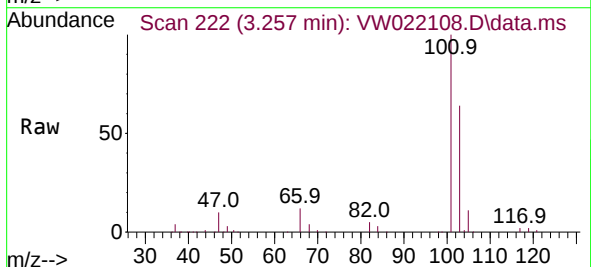
Instrument :
MSVOA_W
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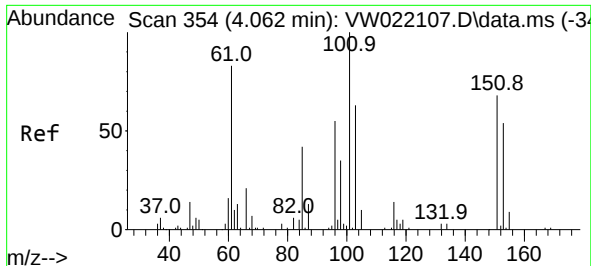
Tgt Ion: 64 Resp: 70481
Ion Ratio Lower Upper
64 100
66 30.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 47.698 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 101 Resp: 86748
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8

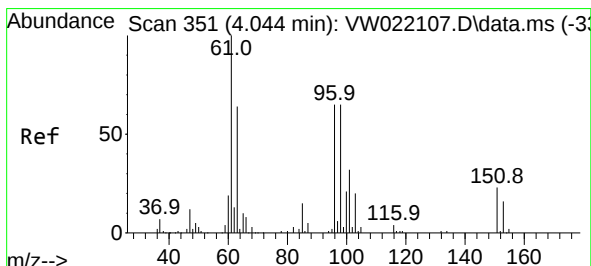
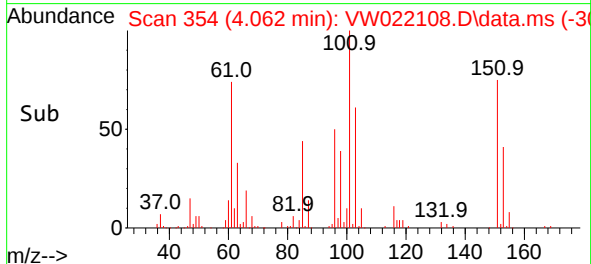
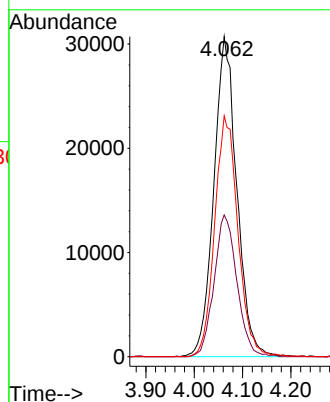
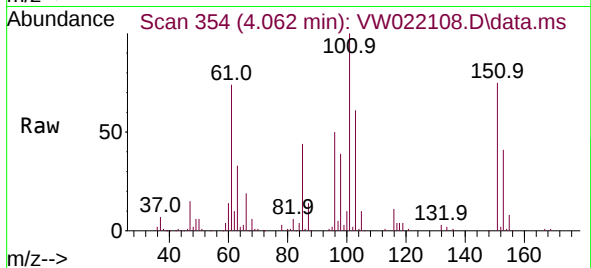




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.714 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

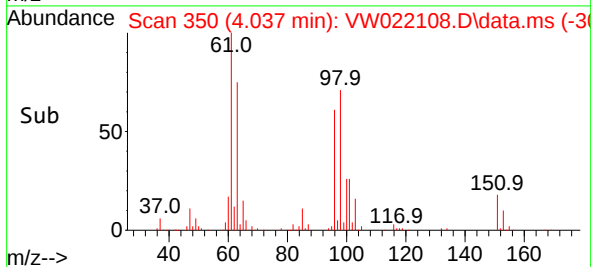
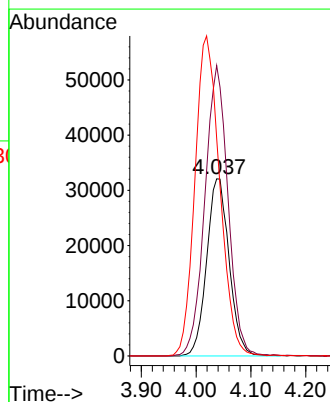
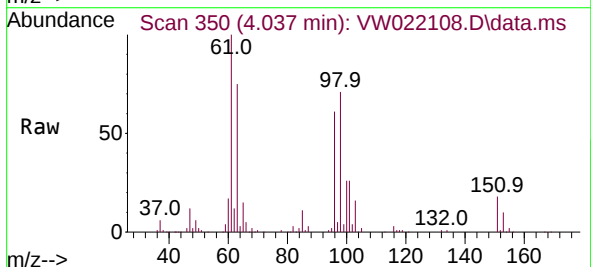
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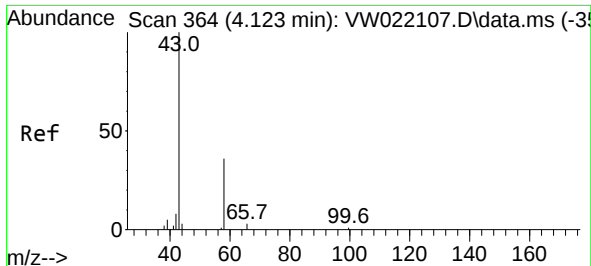
Tgt Ion:101 Resp: 101434
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.4 51.6
 151 75.7 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 47.395 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022108.D
 Acq: 23 Feb 2022 14:24

Tgt Ion: 96 Resp: 91143
 Ion Ratio Lower Upper
 96 100
 61 163.9 108.4 201.2
 63 122.8 72.0 133.6





#13

Acetone

Concen: 98.407 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

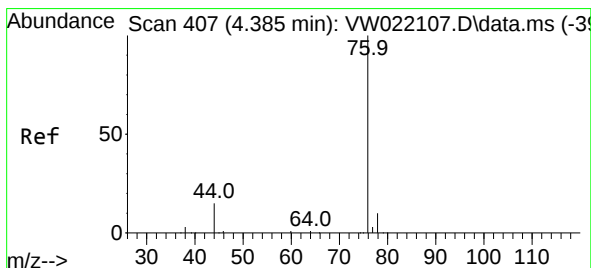
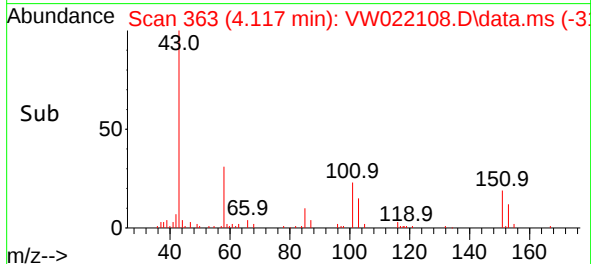
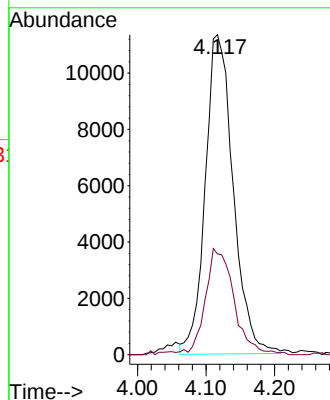
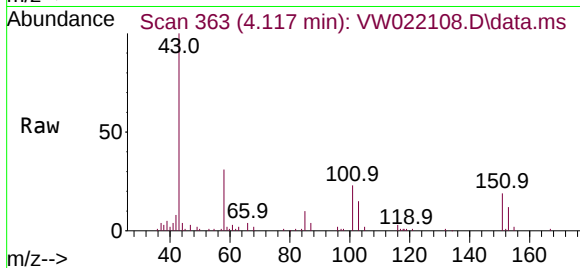
ClientSampleId :

Tgt Ion: 43 Resp: 32130

Ion Ratio Lower Upper

43 100

58 33.2 0.0 69.2



#14

Carbon disulfide

Concen: 47.158 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022108.D

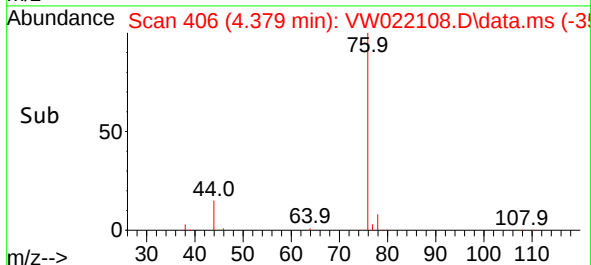
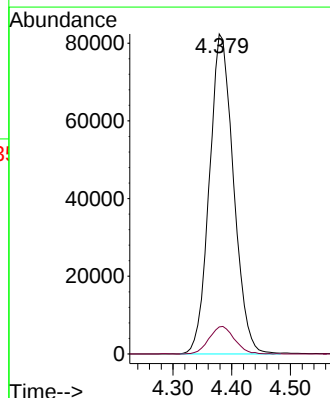
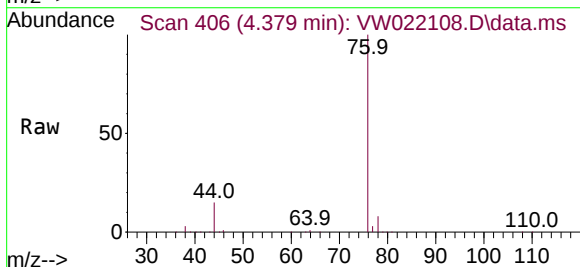
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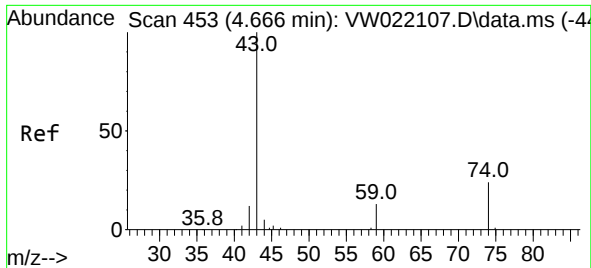
Tgt Ion: 76 Resp: 235117

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8

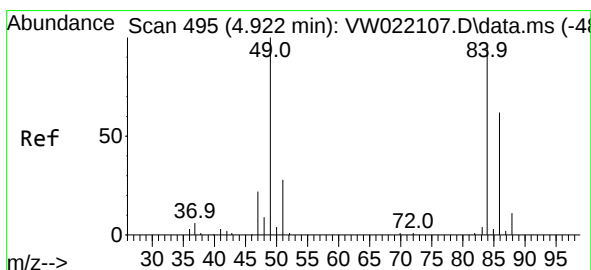
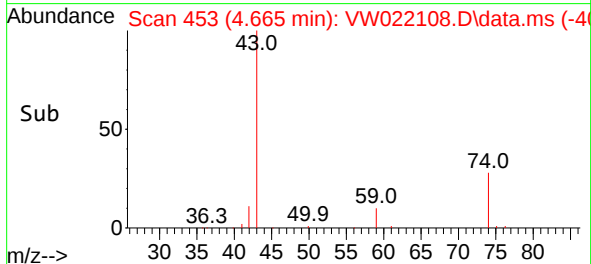
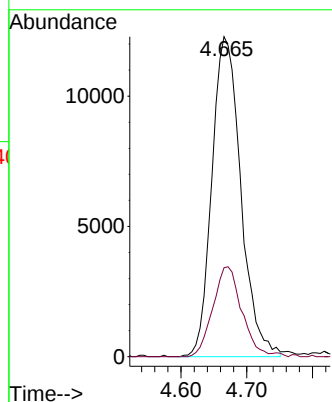
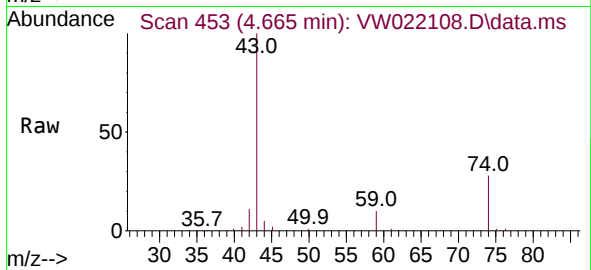




#15
Methyl Acetate
Concen: 50.283 ug/L
RT: 4.665 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

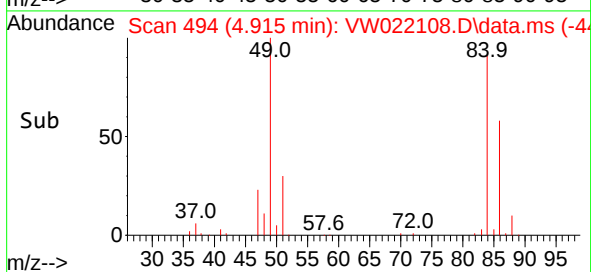
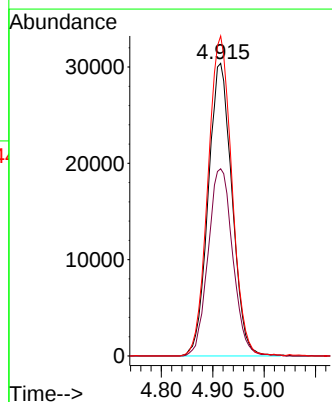
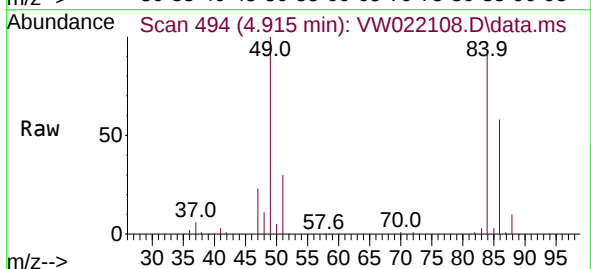
Instrument :
MSVOA_W
ClientSampleId :

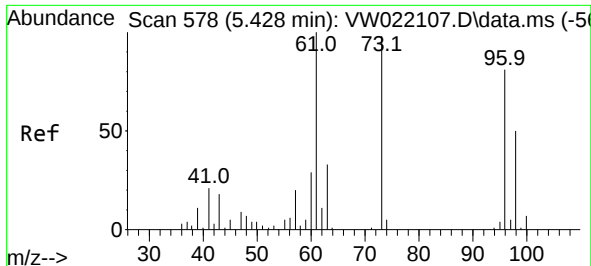
Tgt Ion: 43 Resp: 37586
Ion Ratio Lower Upper
43 100
74 27.8 23.0 34.6



#16
Methylene chloride
Concen: 42.678 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 84 Resp: 97521
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.0
49 109.4 73.8 137.0

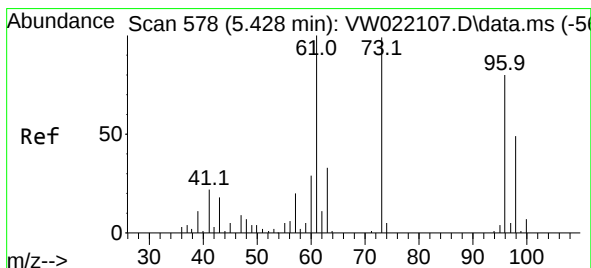
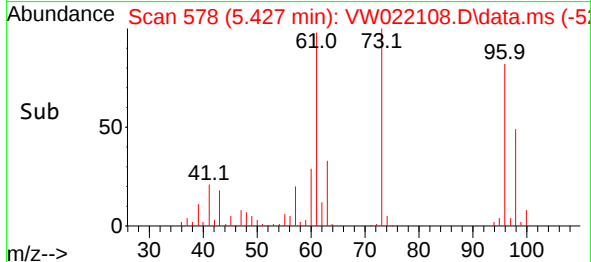
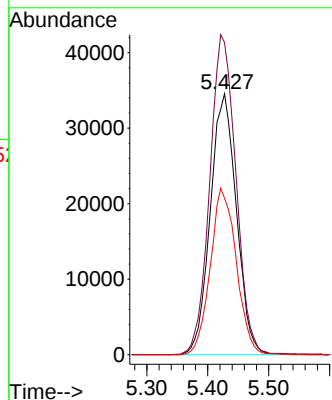
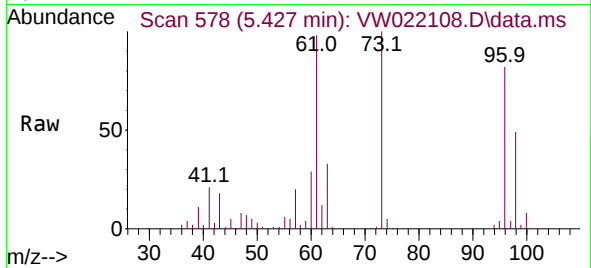




#17
trans-1,2-Dichloroethene
Concen: 48.782 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

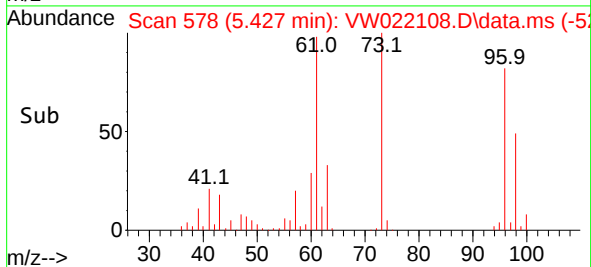
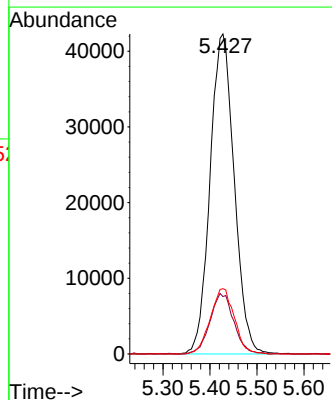
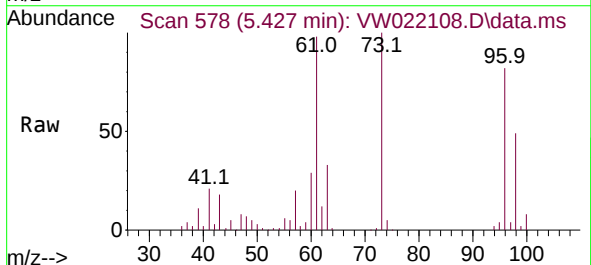
Instrument :
MSVOA_W
ClientSampleId :

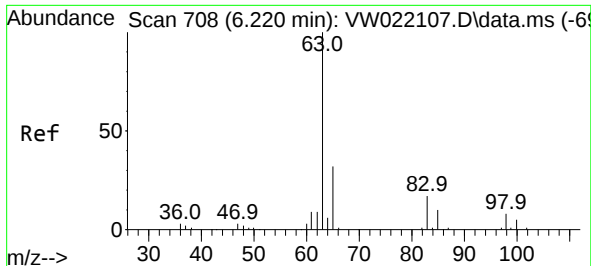
Tgt Ion: 96 Resp: 103037
Ion Ratio Lower Upper
96 100
61 119.6 87.3 162.1
98 60.0 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 52.523 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 73 Resp: 150940
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.2
57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 49.584 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :

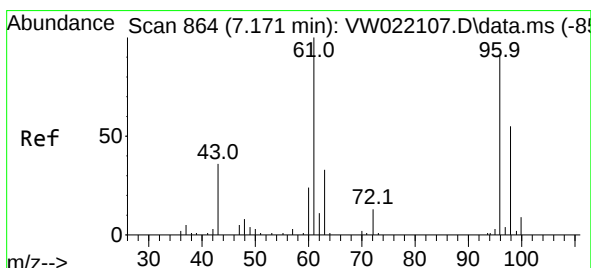
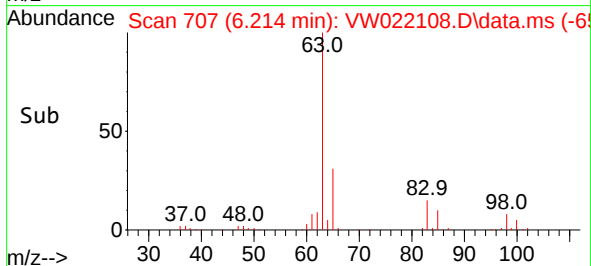
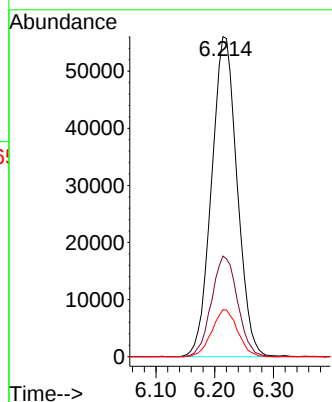
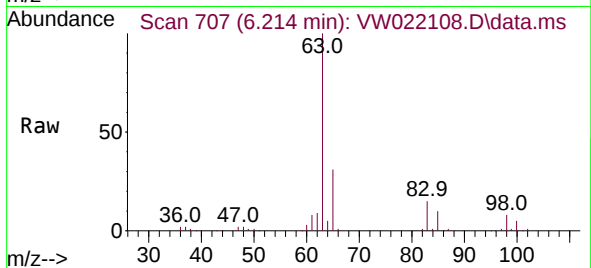
Tgt Ion: 63 Resp: 169554

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.9

83 14.7 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 49.848 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

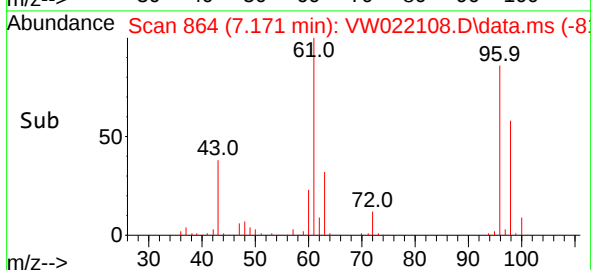
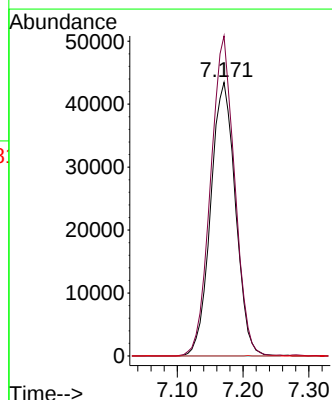
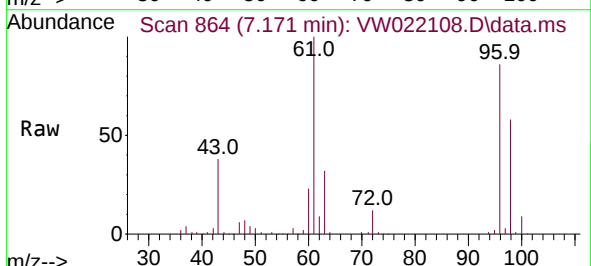
Tgt Ion: 96 Resp: 114056

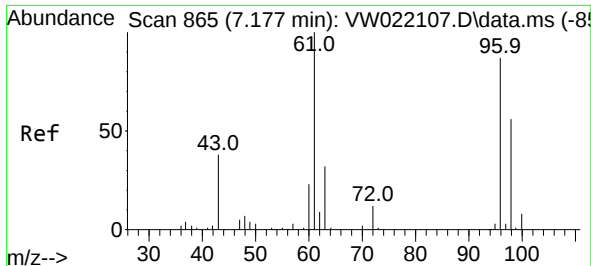
Ion Ratio Lower Upper

96 100

61 116.9 76.8 142.6

68 0.0 0.0 0.0

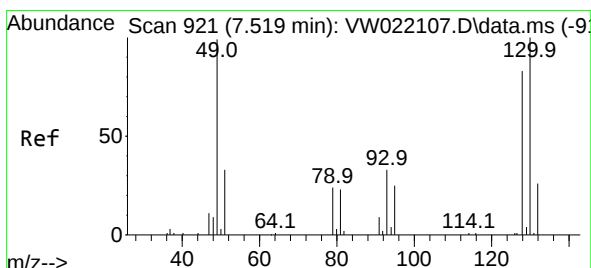
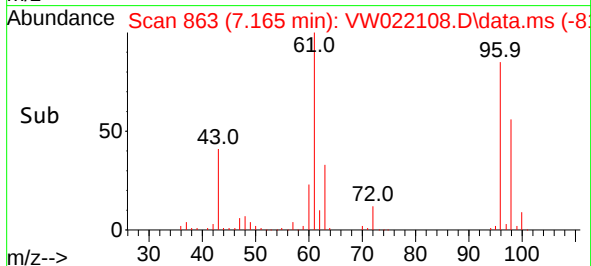
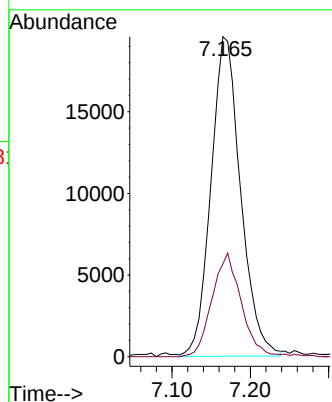
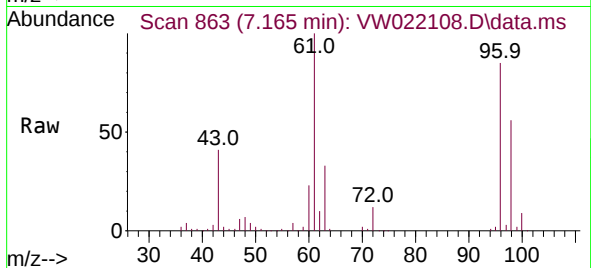




#22
2-Butanone
Concen: 106.420 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

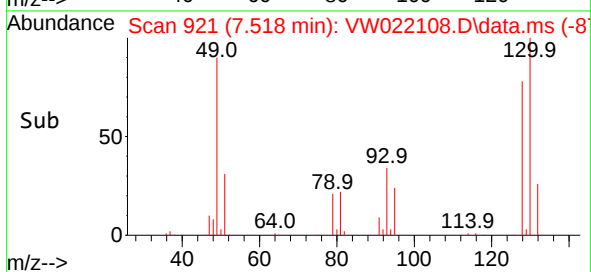
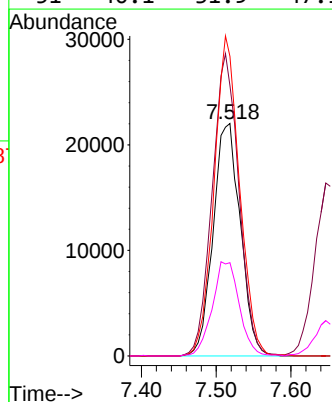
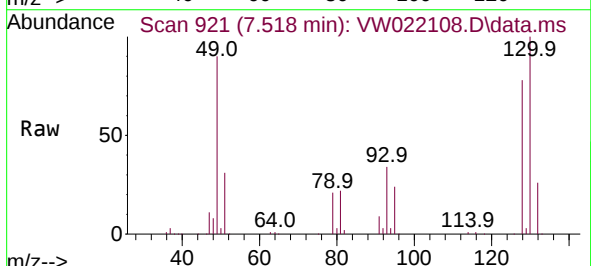
Instrument :
MSVOA_W
ClientSampleId :

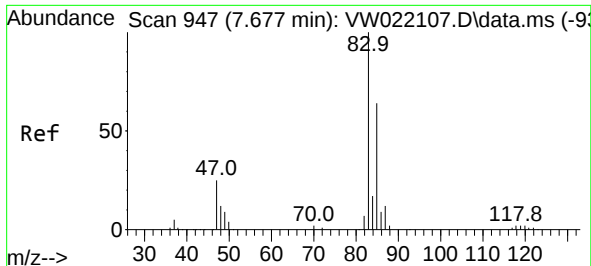
Tgt Ion: 43 Resp: 51468
Ion Ratio Lower Upper
43 100
72 31.7 17.0 51.0



#23
Bromochloromethane
Concen: 49.912 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 128 Resp: 55788
Ion Ratio Lower Upper
128 100
49 116.2 84.2 156.4
130 128.8 84.8 157.4
51 40.1 31.9 47.9





#25

Chloroform

Concen: 48.578 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

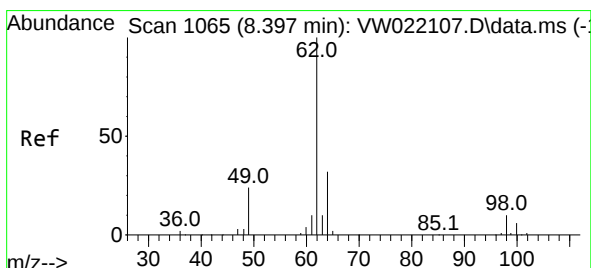
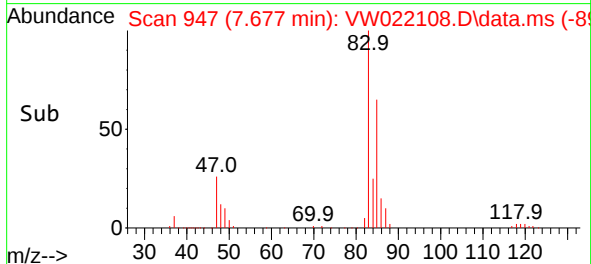
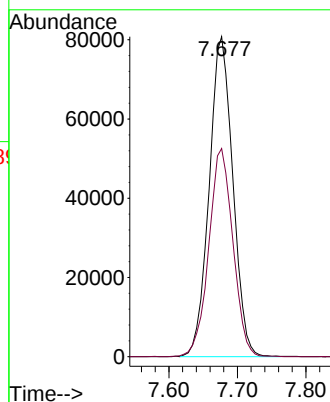
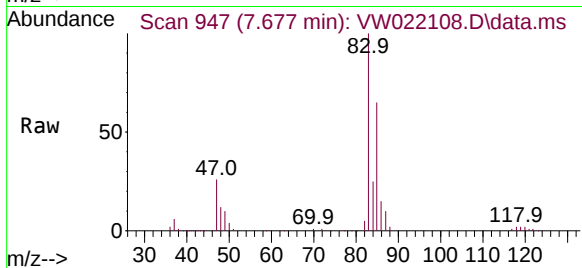
ClientSampleId :

Tgt Ion: 83 Resp: 193821

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 48.994 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022108.D

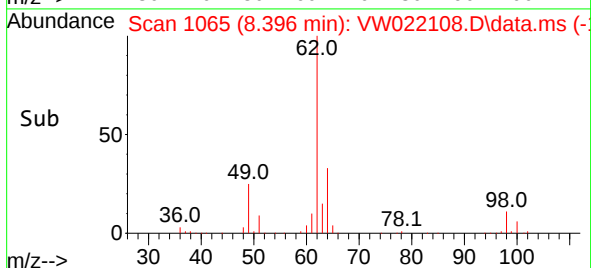
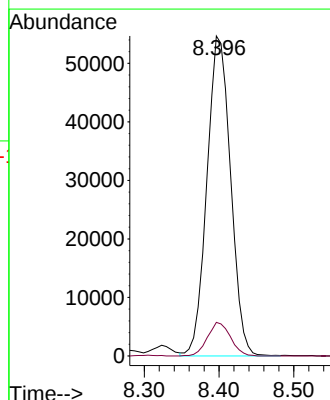
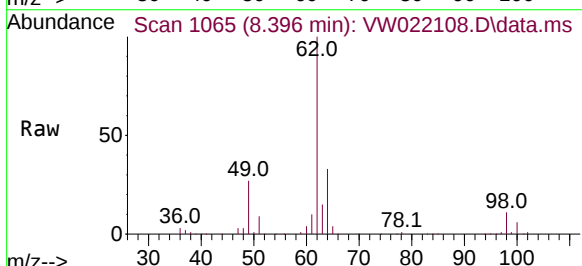
Acq: 23 Feb 2022 14:24

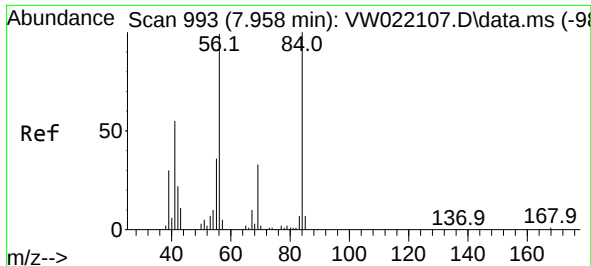
Tgt Ion: 62 Resp: 120402

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9





#29

Cyclohexane

Concen: 49.575 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

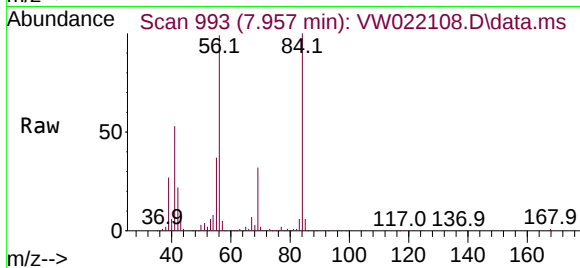
Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :



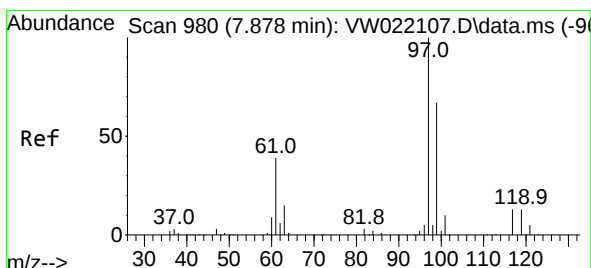
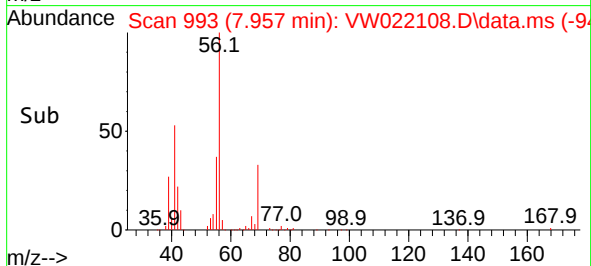
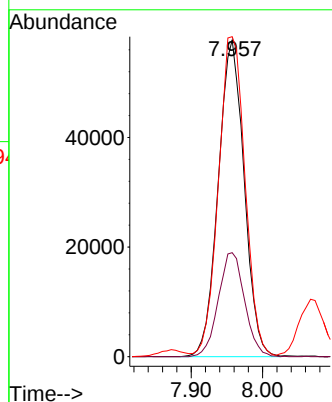
Tgt Ion: 56 Resp: 145216

Ion Ratio Lower Upper

56 100

69 33.3 26.3 39.5

84 104.0 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 47.834 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

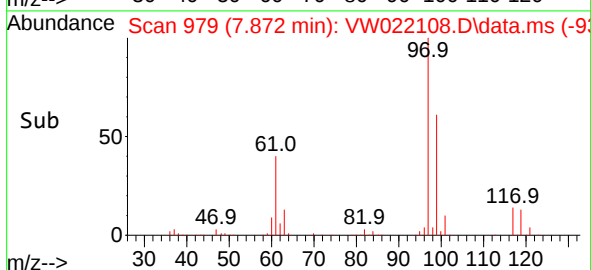
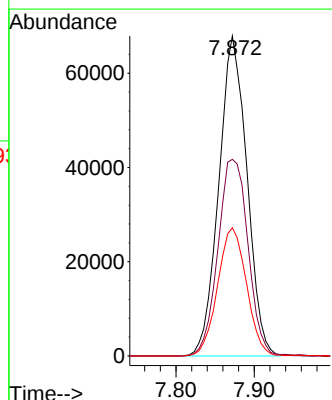
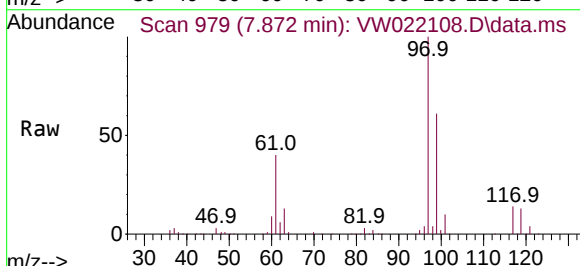
Tgt Ion: 97 Resp: 169389

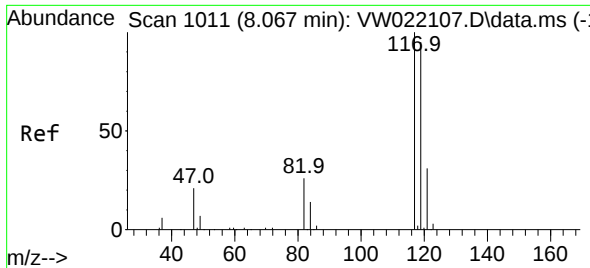
Ion Ratio Lower Upper

97 100

99 65.7 52.6 78.8

61 41.2 33.0 49.6

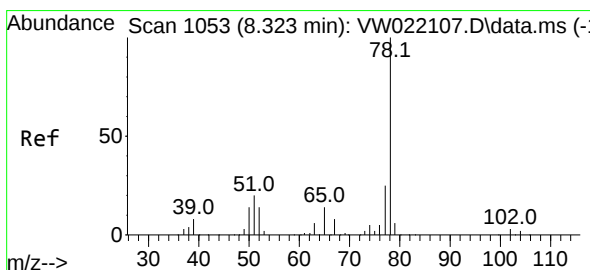
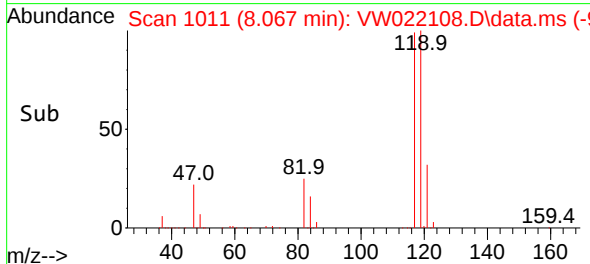
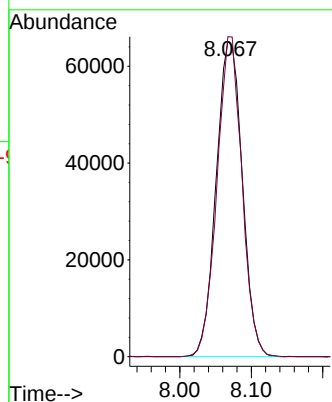
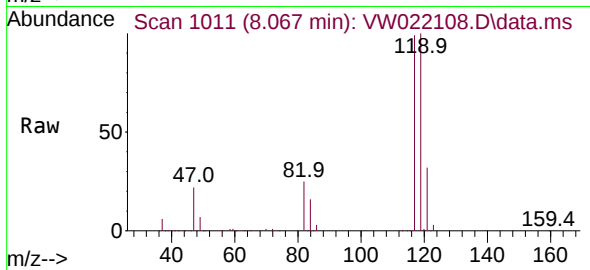




#31
Carbon tetrachloride
Concen: 49.127 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

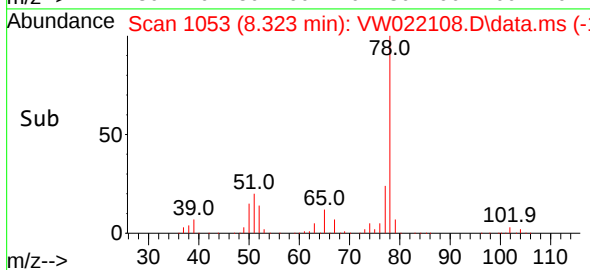
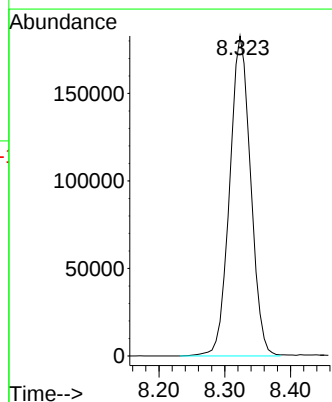
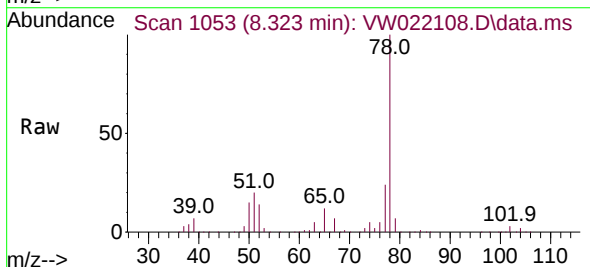
Instrument :
MSVOA_W
ClientSampleId :

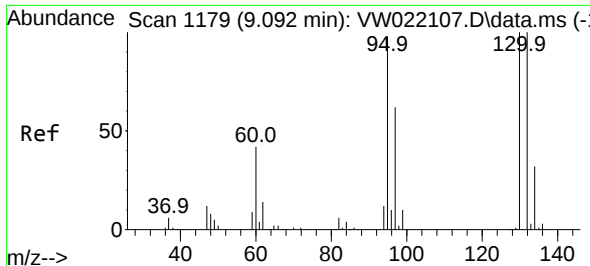
Tgt Ion:117 Resp: 165339
Ion Ratio Lower Upper
117 100
119 96.6 76.7 115.1



#33
Benzene
Concen: 47.686 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 78 Resp: 405799

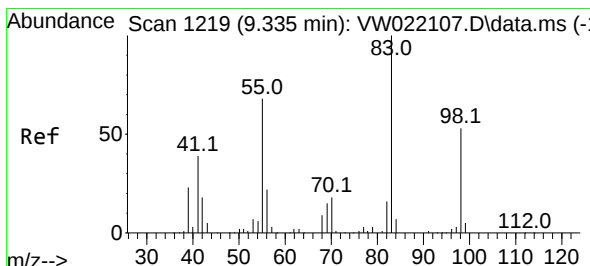
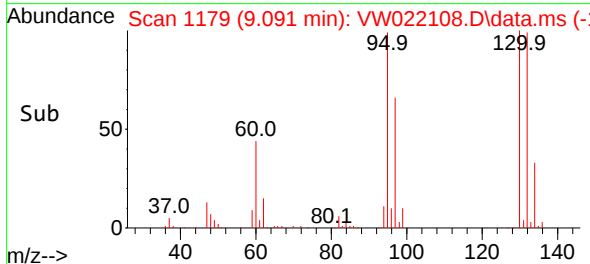
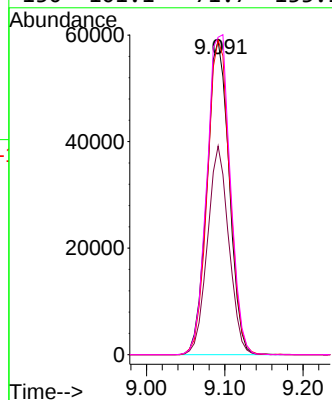
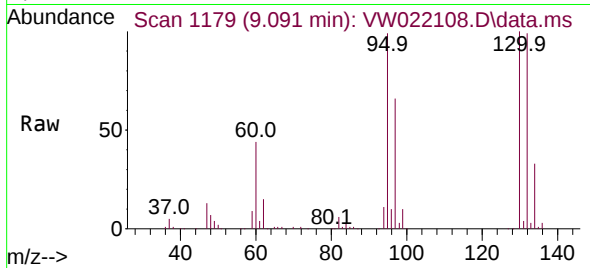




#34
Trichloroethene
Concen: 47.697 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

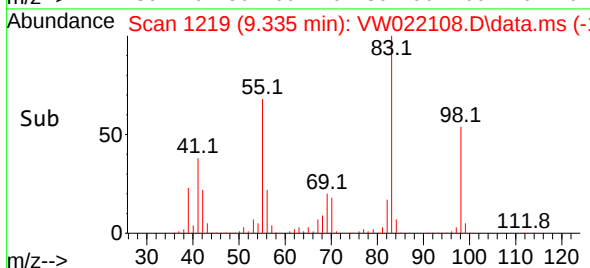
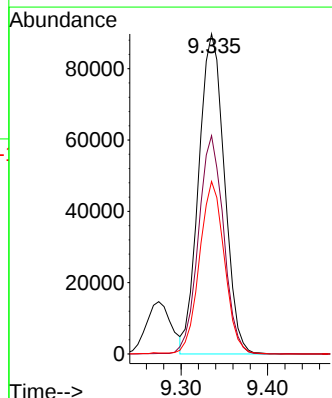
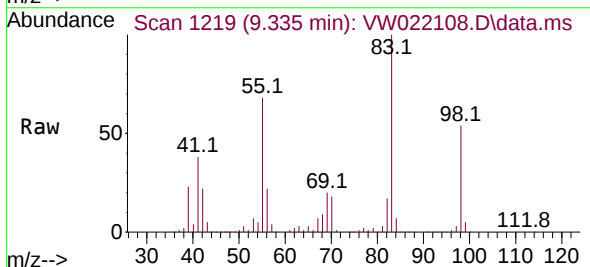
Instrument :
MSVOA_W
ClientSampleId :

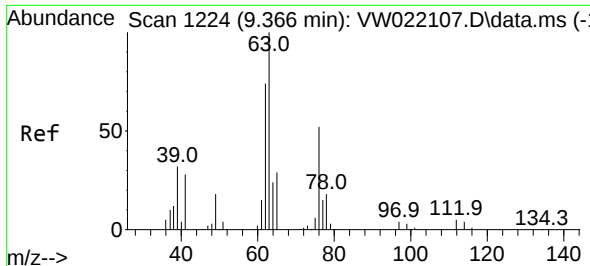
Tgt Ion: 95 Resp: 116218
Ion Ratio Lower Upper
95 100
97 66.5 44.4 82.4
132 100.2 71.7 133.1
130 101.1 71.7 133.1



#35
Methylcyclohexane
Concen: 49.038 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 83 Resp: 184812
Ion Ratio Lower Upper
83 100
55 66.7 53.8 80.8
98 52.3 42.1 63.1





#37

1,2-Dichloropropane

Concen: 47.903 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

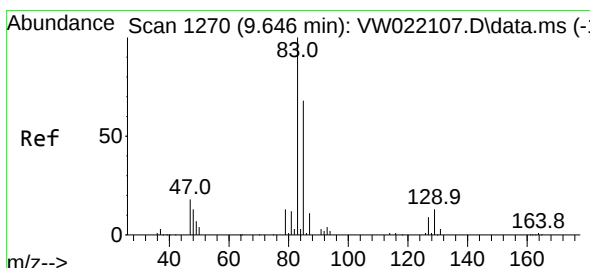
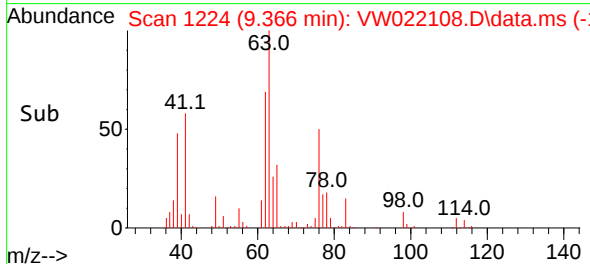
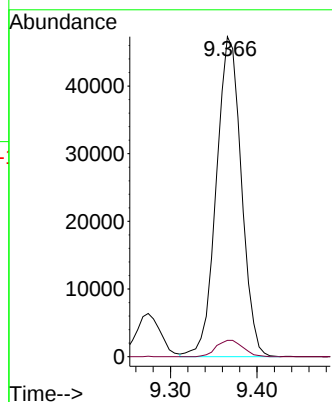
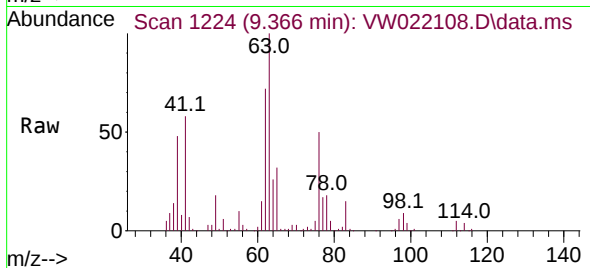
ClientSampleId :

Tgt Ion: 63 Resp: 95102

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 49.698 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

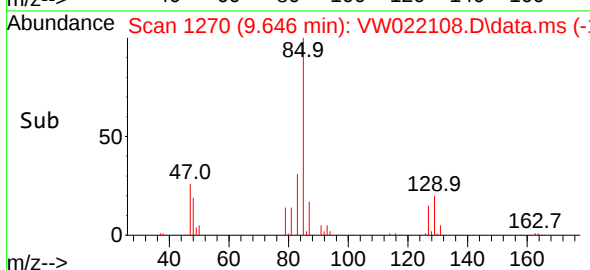
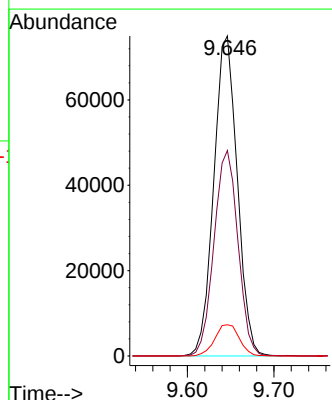
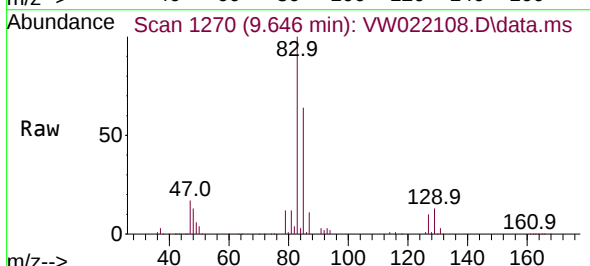
Tgt Ion: 83 Resp: 141491

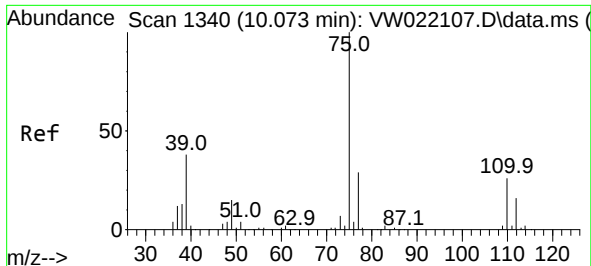
Ion Ratio Lower Upper

83 100

85 64.2 47.9 89.1

127 9.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 54.432 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

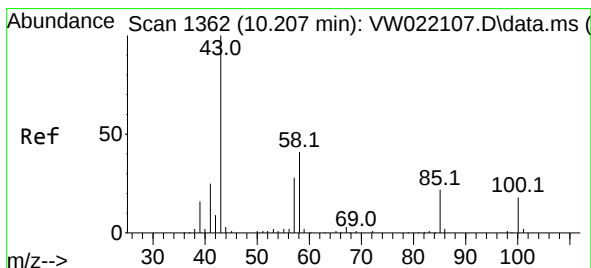
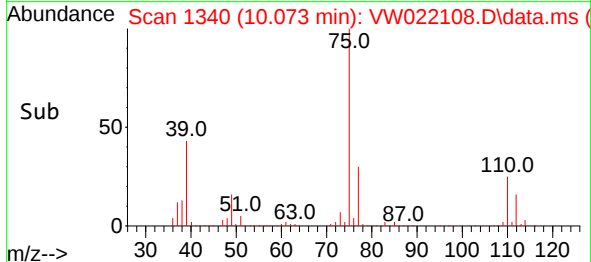
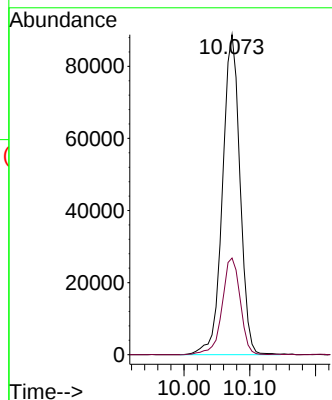
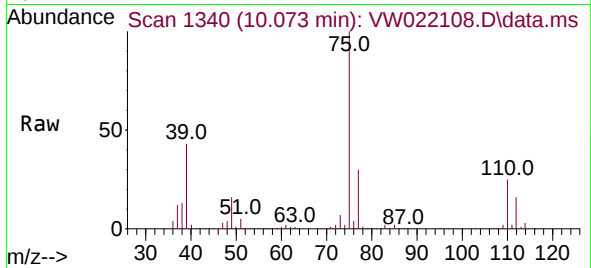
ClientSampleId :

Tgt Ion: 75 Resp: 164261

Ion Ratio Lower Upper

75 100

77 30.2 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 108.138 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

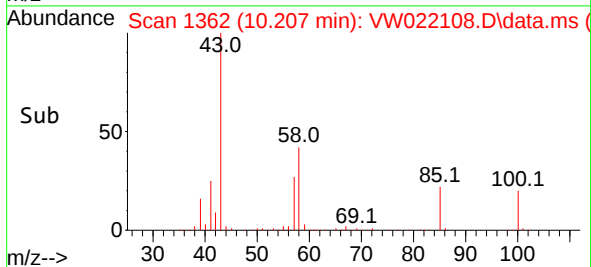
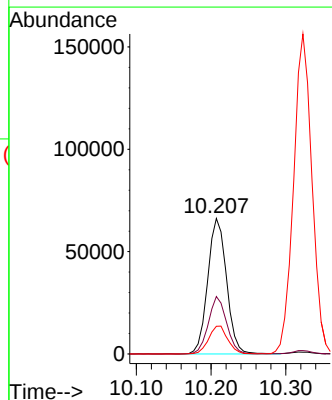
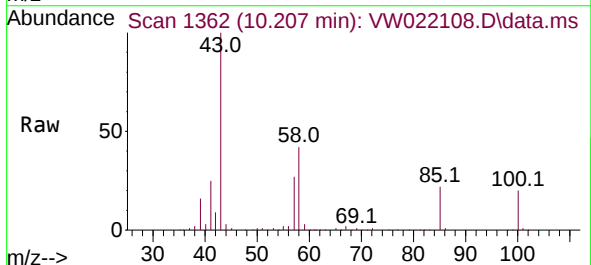
Tgt Ion: 43 Resp: 115937

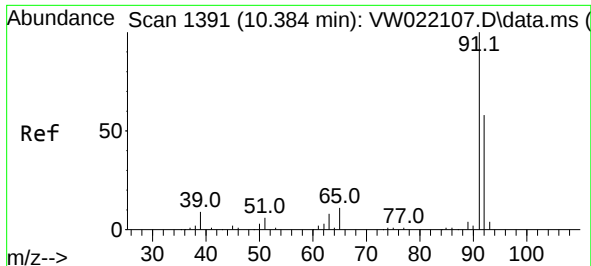
Ion Ratio Lower Upper

43 100

58 41.1 33.2 49.8

100 20.9 16.1 24.1

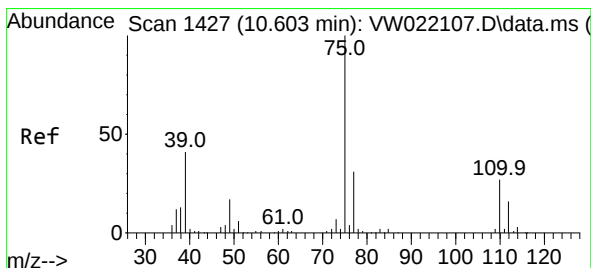
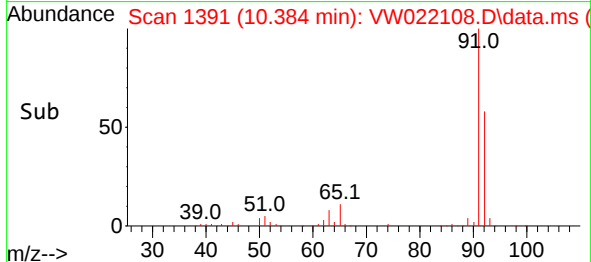
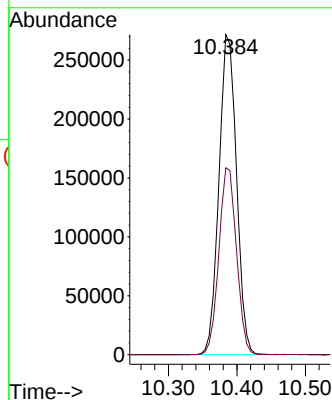
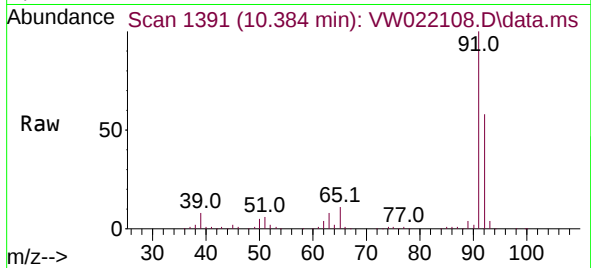




#42
Toluene
Concen: 50.080 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

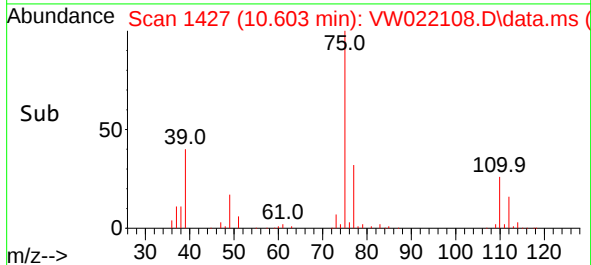
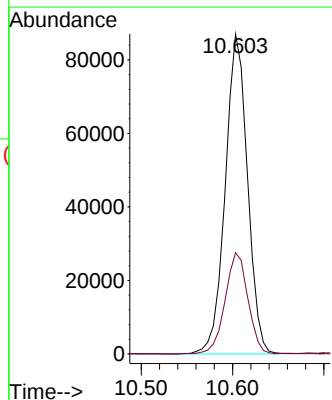
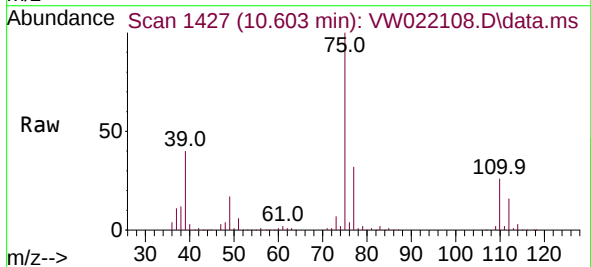
Instrument :
MSVOA_W
ClientSampleId :

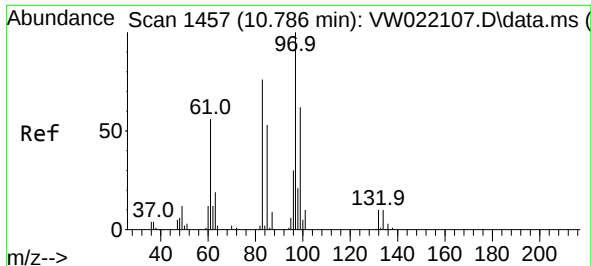
Tgt Ion: 91 Resp: 482345
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 54.289 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 75 Resp: 147222
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.435 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 85267

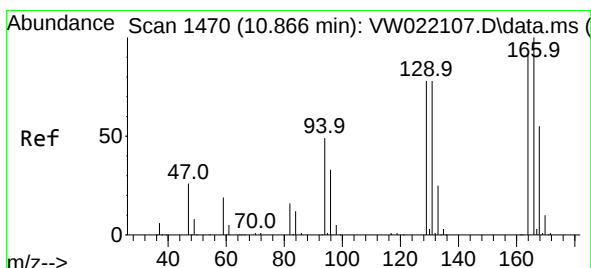
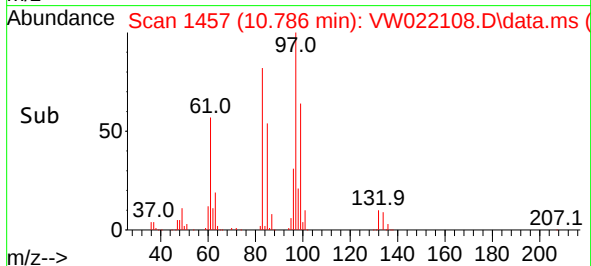
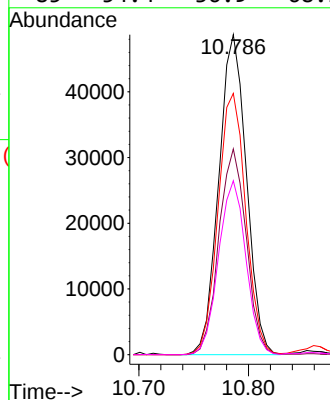
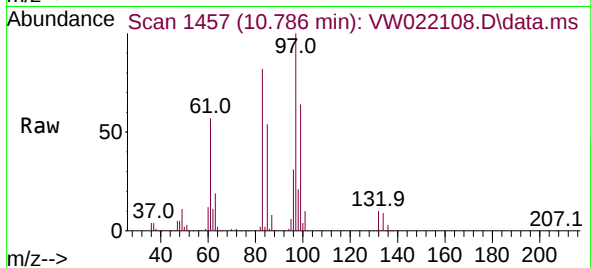
Ion Ratio Lower Upper

97 100

99 64.3 43.5 80.7

83 81.6 53.5 99.3

85 54.4 36.9 68.5



#46

Tetrachloroethene

Concen: 47.846 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Tgt Ion:164 Resp: 102126

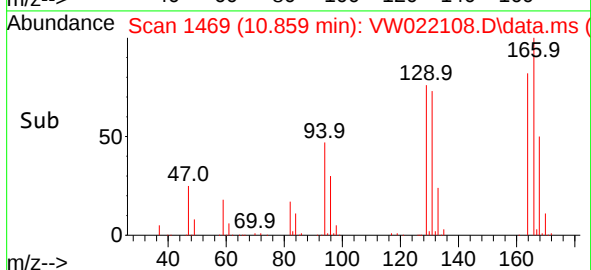
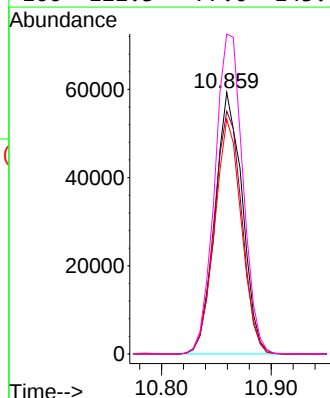
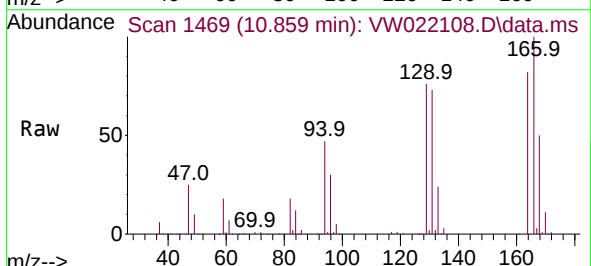
Ion Ratio Lower Upper

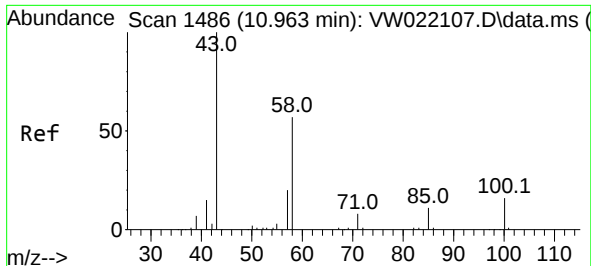
164 100

129 92.8 60.3 111.9

131 89.8 59.9 111.3

166 122.3 77.0 143.0

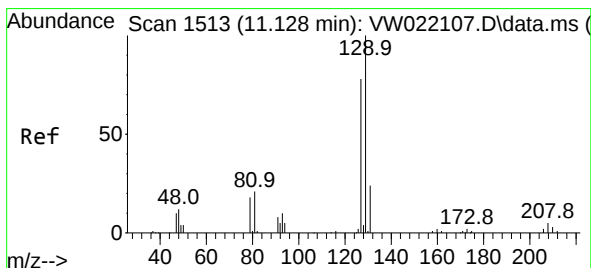
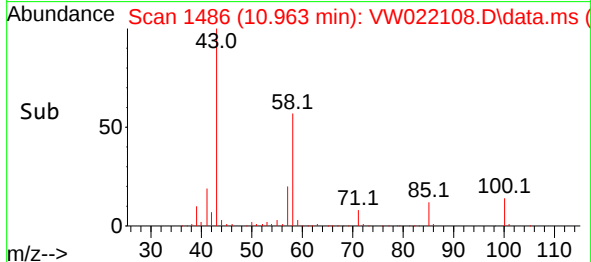
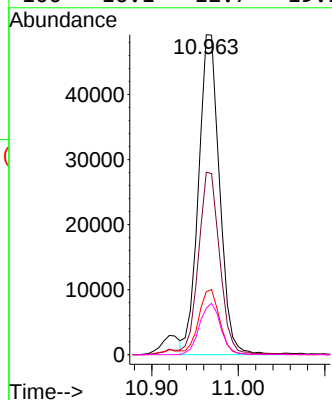
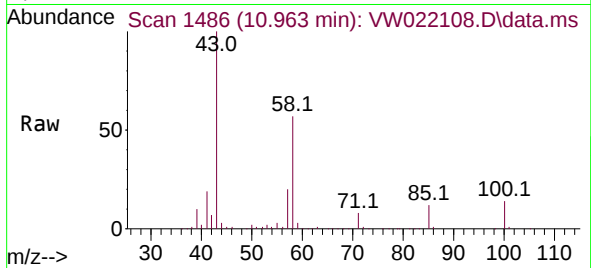




#48
2-Hexanone
Concen: 111.717 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

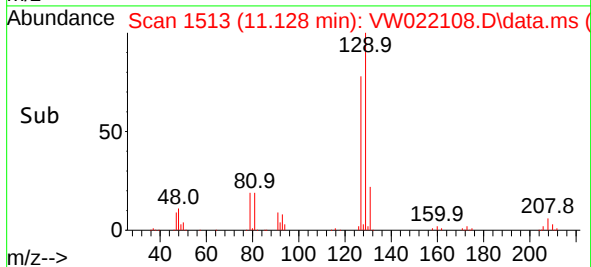
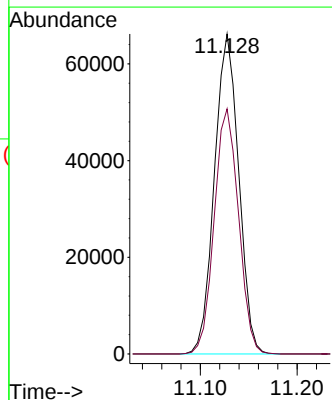
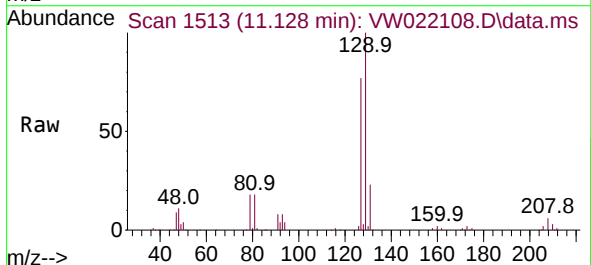
Instrument :
MSVOA_W
ClientSampleId :

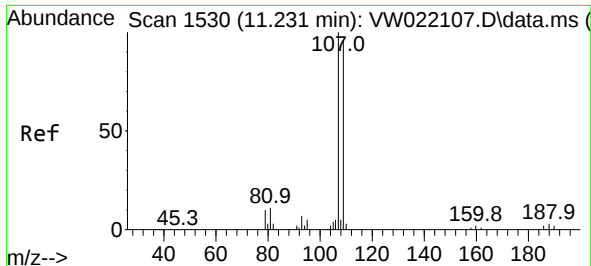
Tgt Ion: 43	Resp: 83130
Ion Ratio	Lower Upper
43 100	
58 57.2	44.6 66.8
57 20.4	15.8 23.8
100 16.1	12.7 19.1



#49
Dibromochloromethane
Concen: 53.973 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion:129	Resp: 115414
Ion Ratio	Lower Upper
129 100	
127 76.6	54.5 101.1





#50

1,2-Dibromoethane

Concen: 51.056 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW022108.D

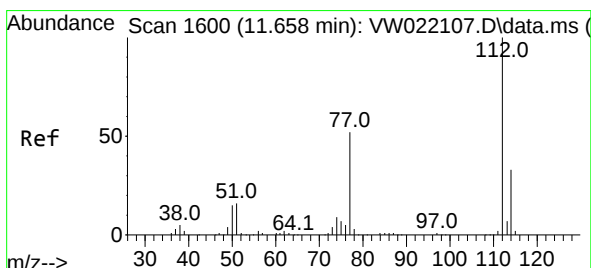
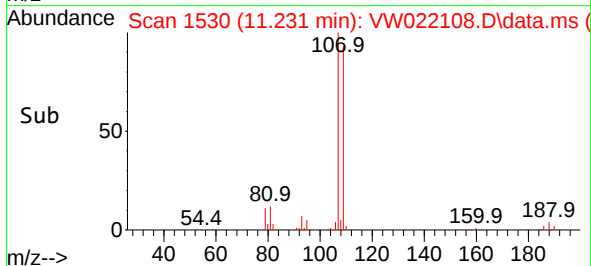
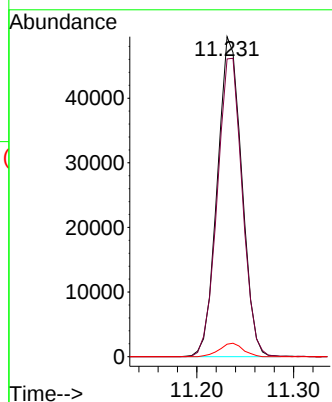
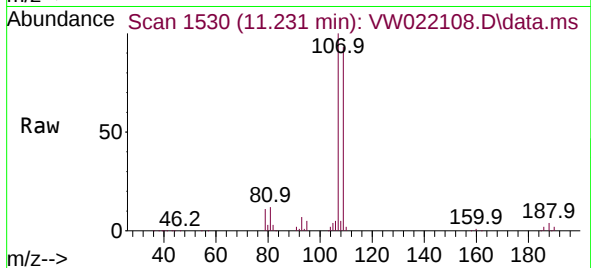
Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	86695
Ion Ratio	Lower	Upper
107	100	
109	93.1	66.8 124.2
188	3.9	2.6 4.0



#51

Chlorobenzene

Concen: 48.652 ug/L

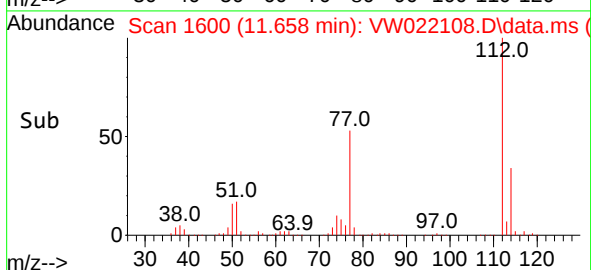
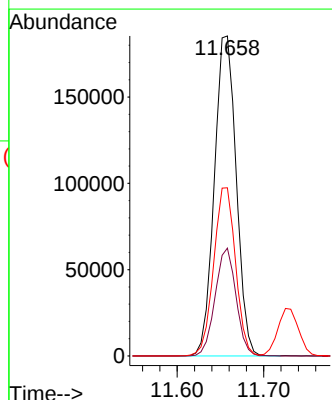
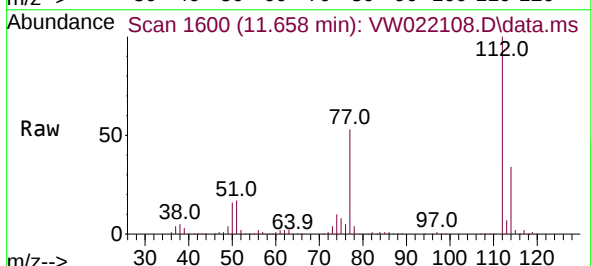
RT: 11.658 min Scan# 1600

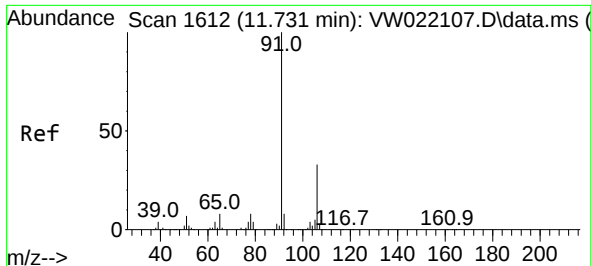
Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Tgt Ion:112	Resp:	326116
Ion Ratio	Lower	Upper
112	100	
114	33.7	23.0 42.8
77	52.6	41.8 62.6

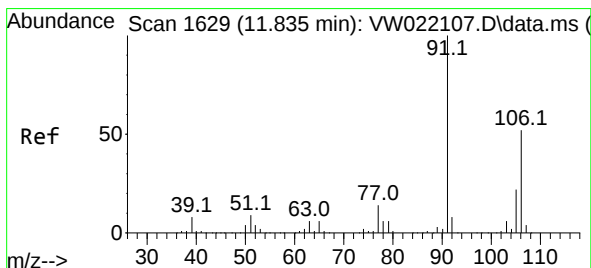
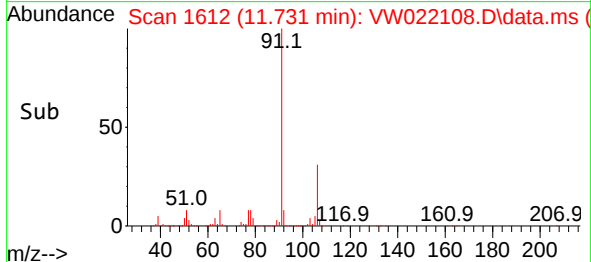
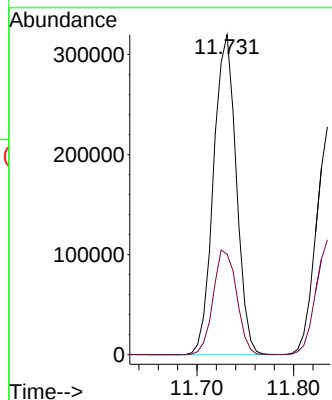
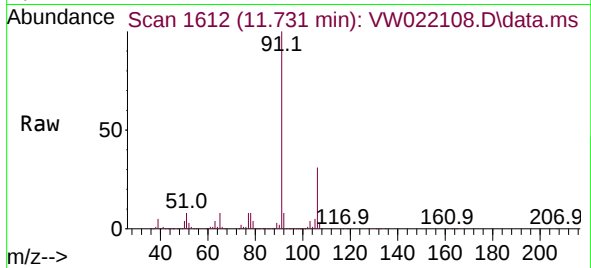




#52
Ethylbenzene
Concen: 48.989 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

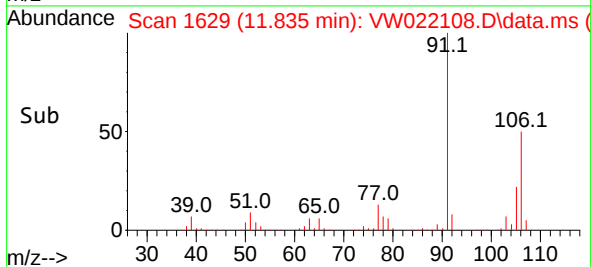
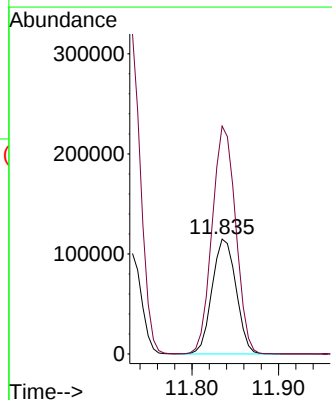
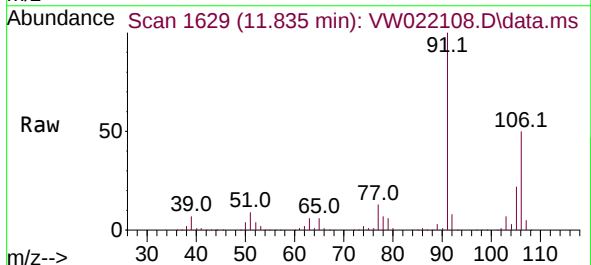
Instrument :
MSVOA_W
ClientSampleId :

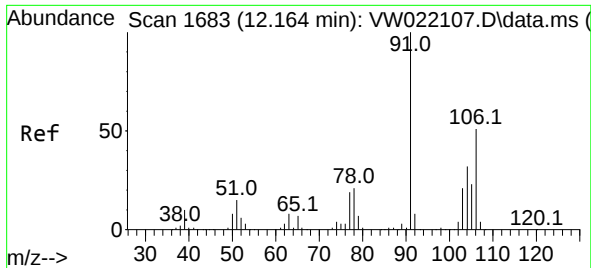
Tgt Ion: 91 Resp: 522198
Ion Ratio Lower Upper
91 100
106 31.4 22.8 42.4



#53
m,p-Xylene
Concen: 50.349 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion:106 Resp: 220837
Ion Ratio Lower Upper
106 100
91 198.5 135.0 250.8

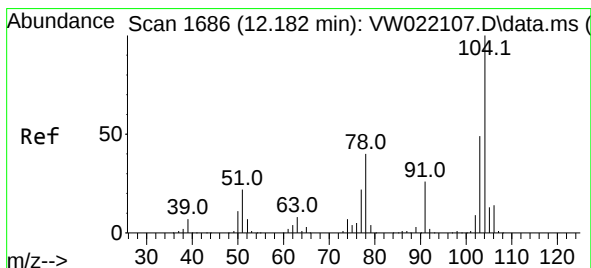
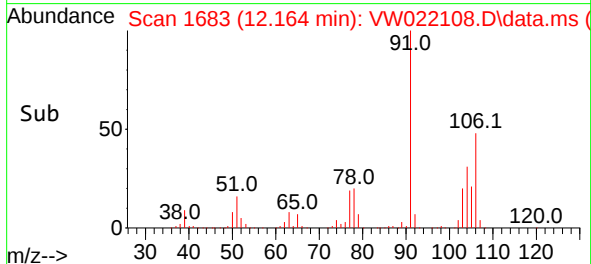
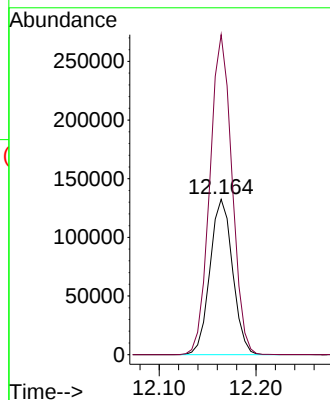
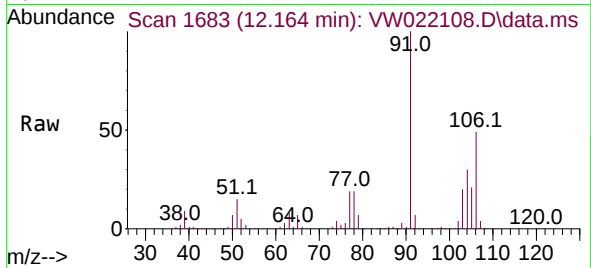




#54
o-Xylene
Concen: 52.164 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

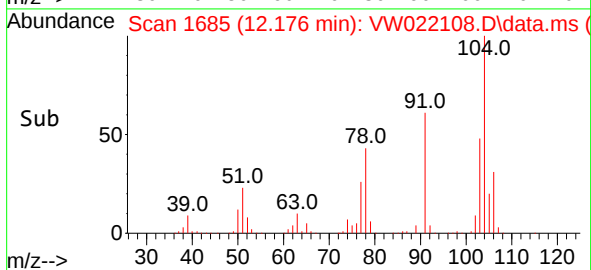
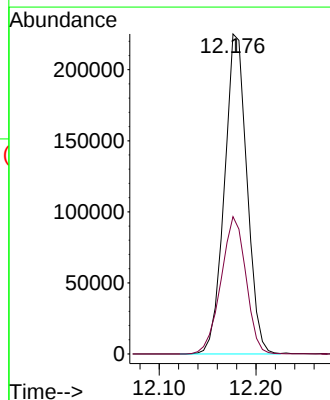
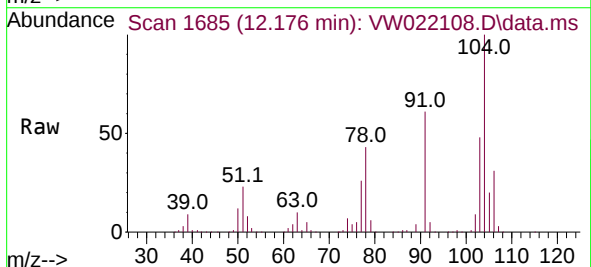
Instrument :
MSVOA_W
ClientSampleId :

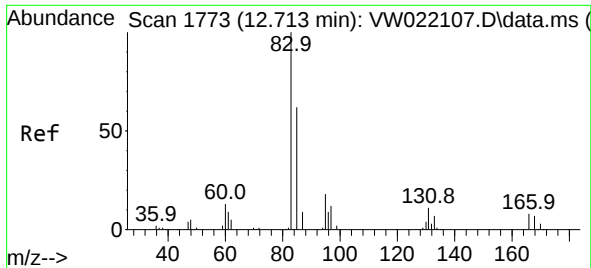
Tgt Ion:106 Resp: 215280
Ion Ratio Lower Upper
106 100
91 205.9 136.9 254.3



#55
Styrene
Concen: 52.607 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion:104 Resp: 363969
Ion Ratio Lower Upper
104 100
78 42.9 27.8 51.6

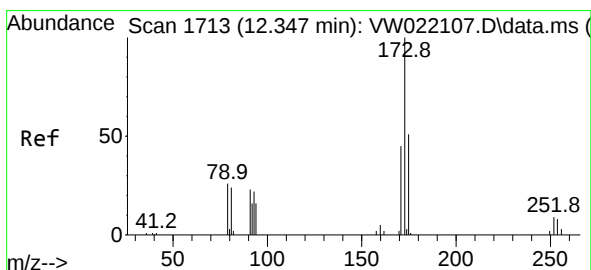
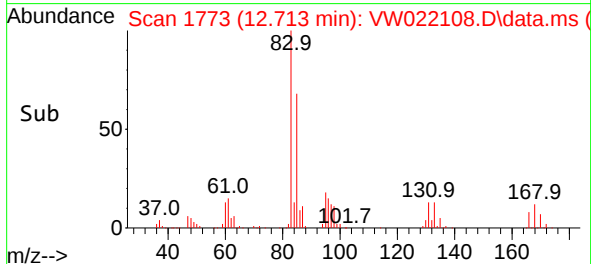
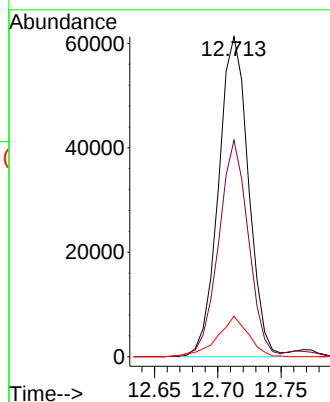
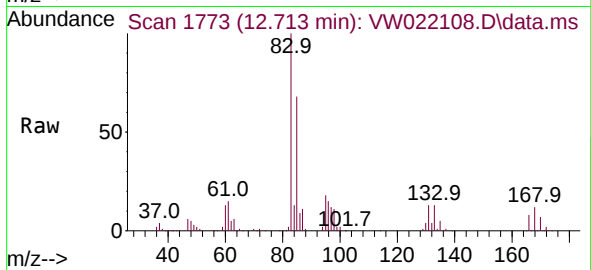




#57
1,1,2,2-Tetrachloroethane
Concen: 49.479 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

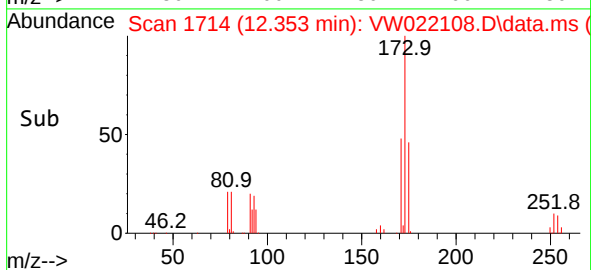
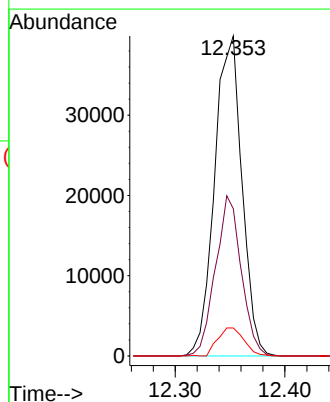
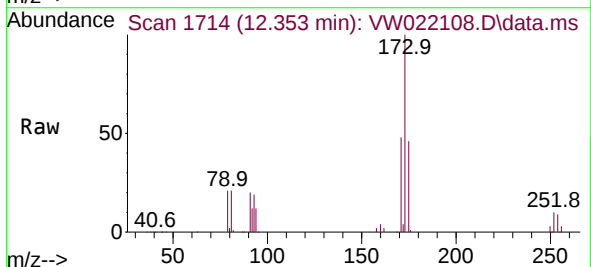
Instrument :
MSVOA_W
ClientSampleId :

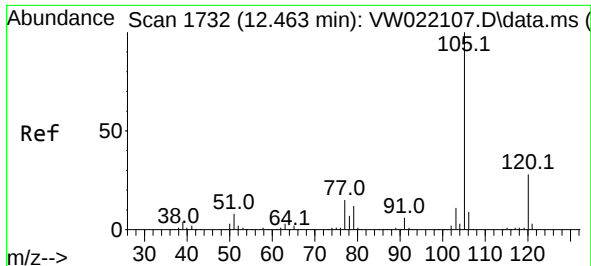
Tgt Ion: 83 Resp: 101065
Ion Ratio Lower Upper
83 100
85 67.6 44.2 82.0
131 12.6 9.4 14.0



#59
Bromoform
Concen: 56.803 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion:173 Resp: 69187
Ion Ratio Lower Upper
173 100
175 47.2 38.2 57.4
254 8.4 5.0 7.6#

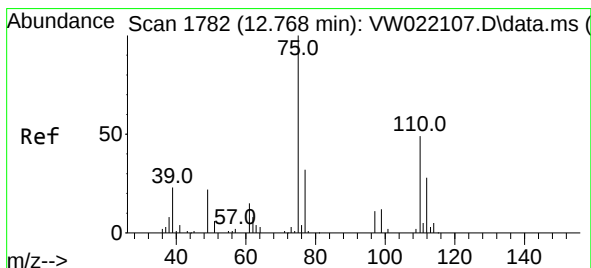
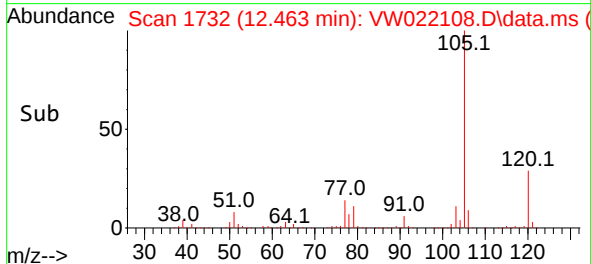
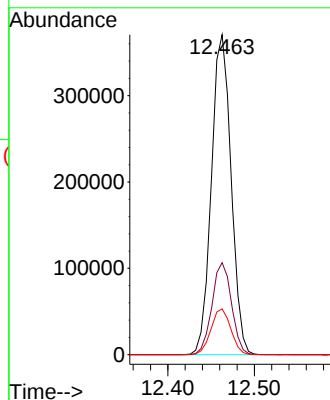
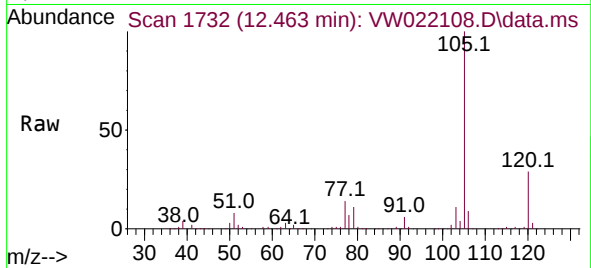




#60
Isopropylbenzene
Concen: 52.899 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

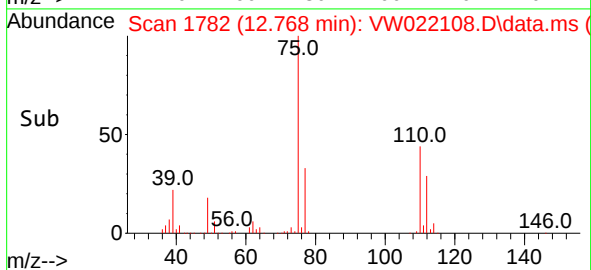
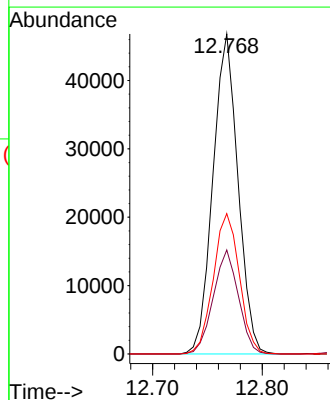
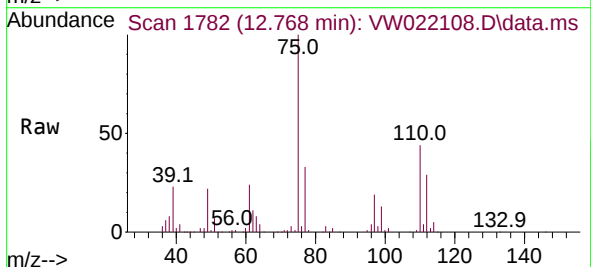
Instrument :
MSVOA_W
ClientSampleId :

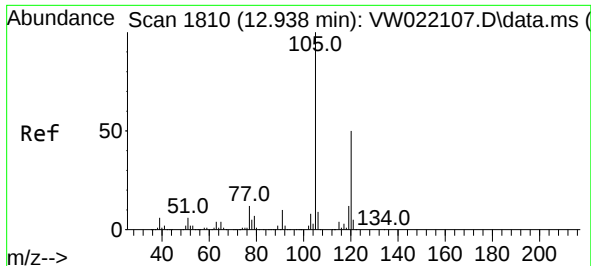
Tgt Ion:105 Resp: 584887
Ion Ratio Lower Upper
105 100
120 28.6 22.1 33.1
77 14.5 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 51.102 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

Tgt Ion: 75 Resp: 74288
Ion Ratio Lower Upper
75 100
77 32.7 27.1 40.7
110 45.6 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 55.038 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

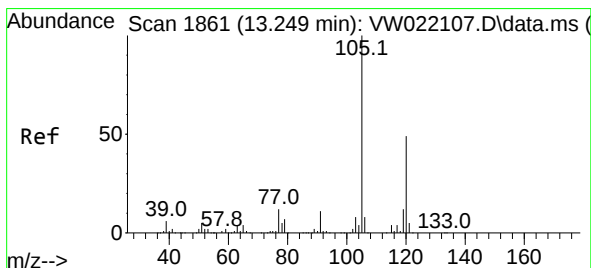
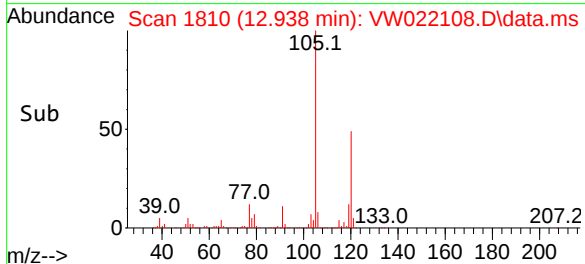
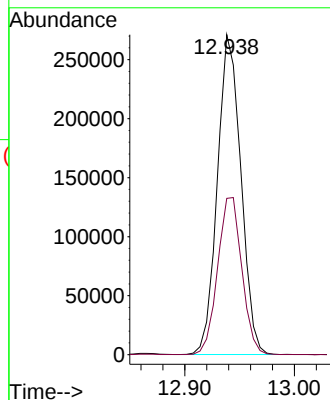
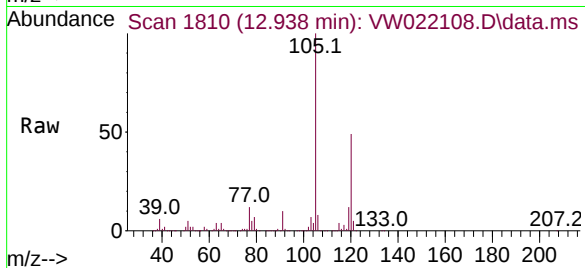
ClientSampleId :

Tgt Ion:105 Resp: 404653

Ion Ratio Lower Upper

105 100

120 50.7 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 53.811 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022108.D

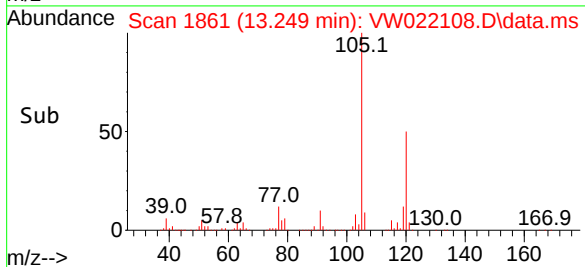
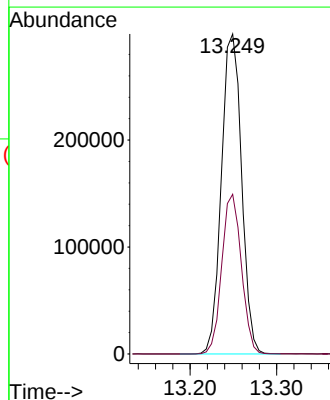
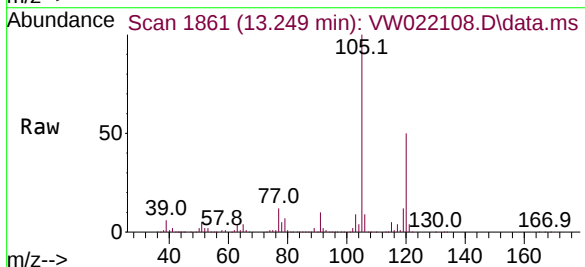
Acq: 23 Feb 2022 14:24

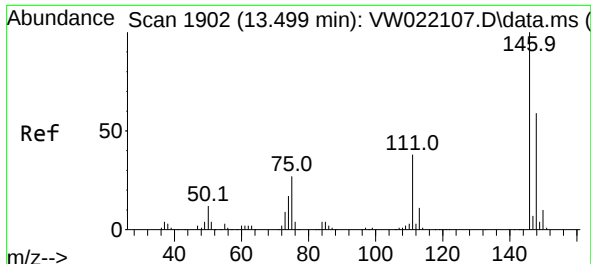
Tgt Ion:105 Resp: 483511

Ion Ratio Lower Upper

105 100

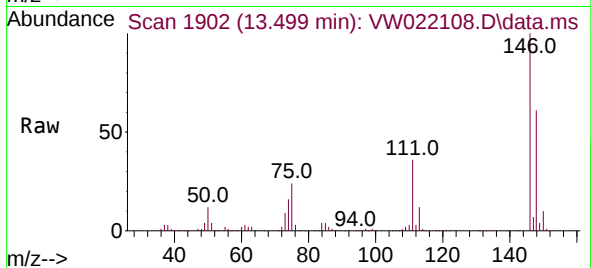
120 48.5 39.2 58.8



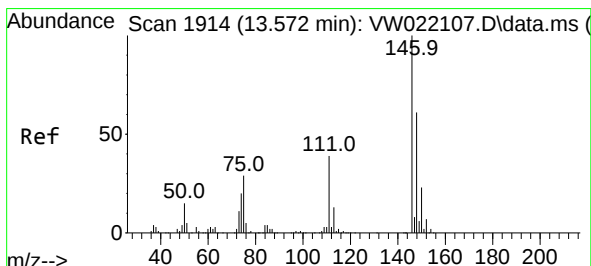
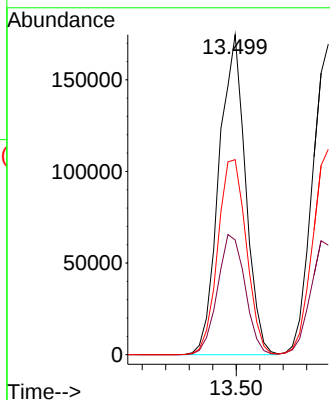
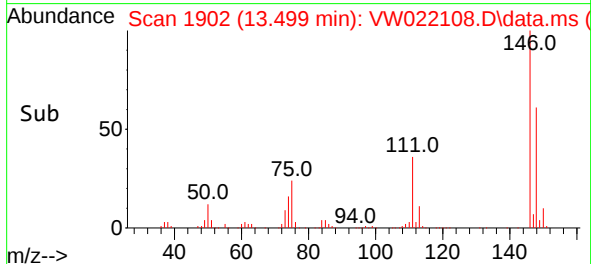


#64
1,3-Dichlorobenzene
Concen: 49.801 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

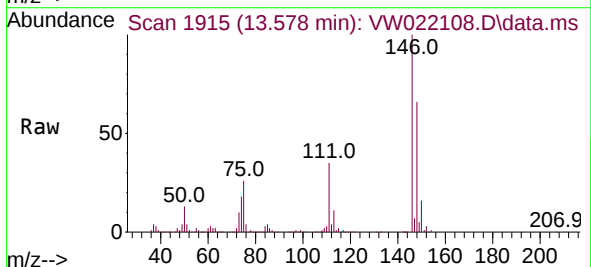
Instrument :
MSVOA_W
ClientSampleId :



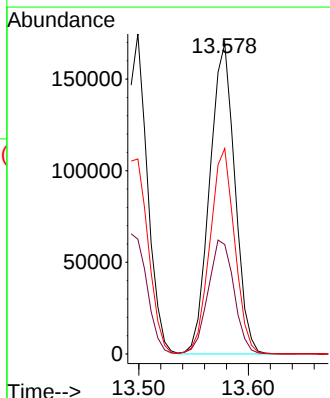
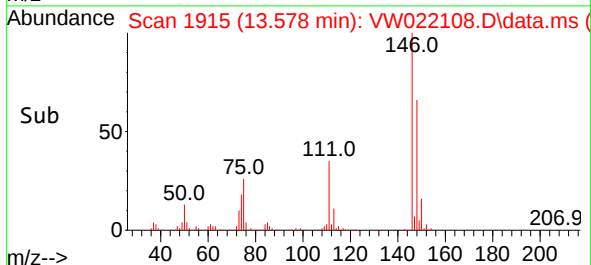
Tgt Ion:146 Resp: 273150
Ion Ratio Lower Upper
146 100
111 35.8 26.9 49.9
148 61.0 41.6 77.2

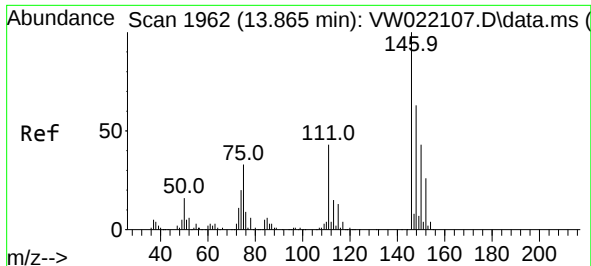


#65
1,4-Dichlorobenzene
Concen: 49.283 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24



Tgt Ion:146 Resp: 270879
Ion Ratio Lower Upper
146 100
111 35.3 27.5 51.1
148 66.2 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 50.191 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :

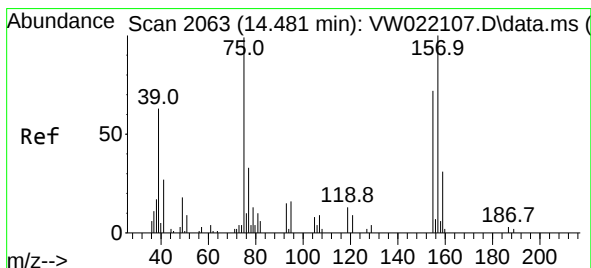
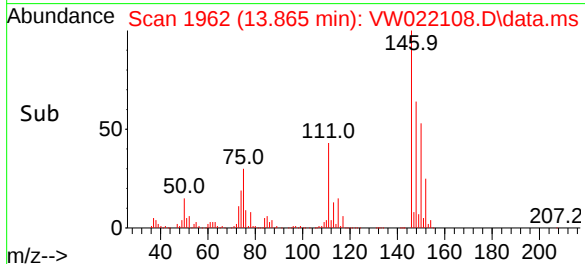
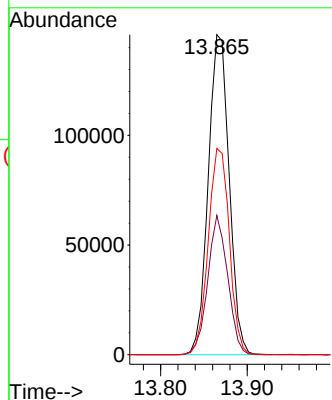
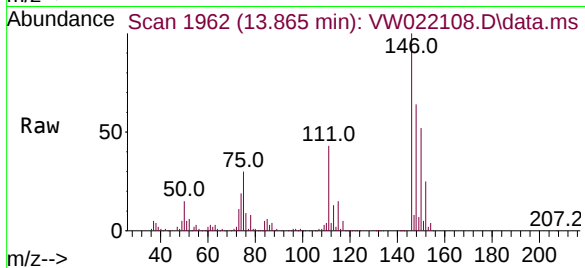
Tgt Ion:146 Resp: 244754

Ion Ratio Lower Upper

146 100

111 43.5 34.8 52.2

148 64.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 50.460 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

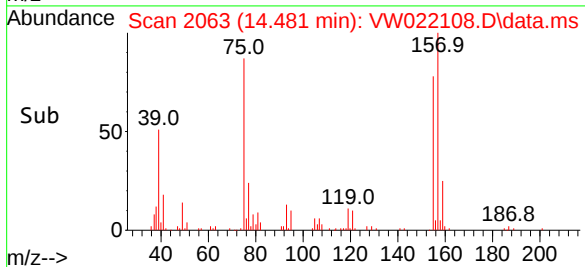
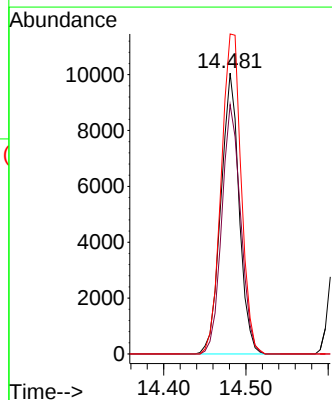
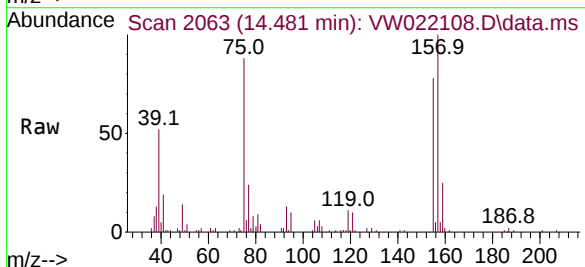
Tgt Ion: 75 Resp: 15512

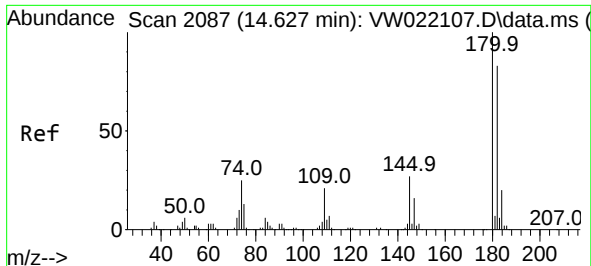
Ion Ratio Lower Upper

75 100

155 88.8 58.2 87.2#

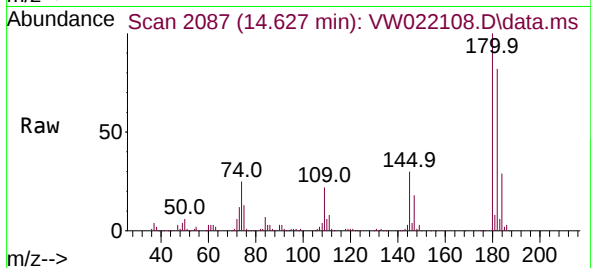
157 114.0 80.5 120.7



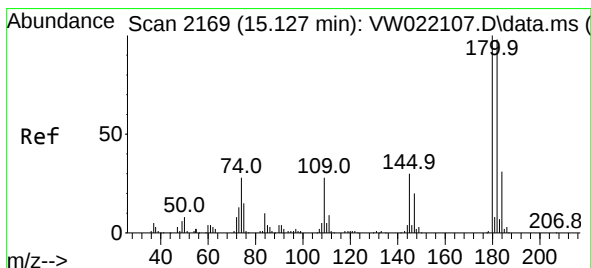
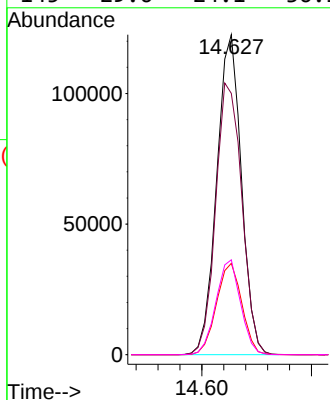
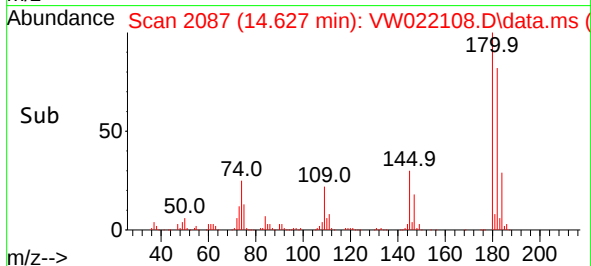


#69
1,3,5-Trichlorobenzene
Concen: 48.562 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24

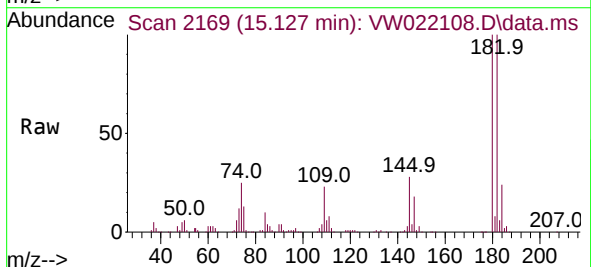
Instrument :
MSVOA_W
ClientSampleId :



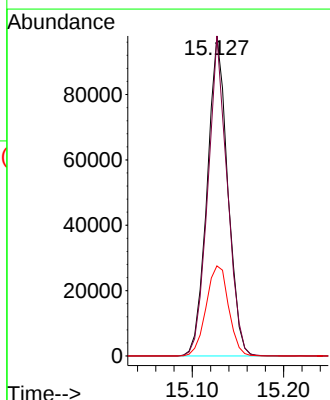
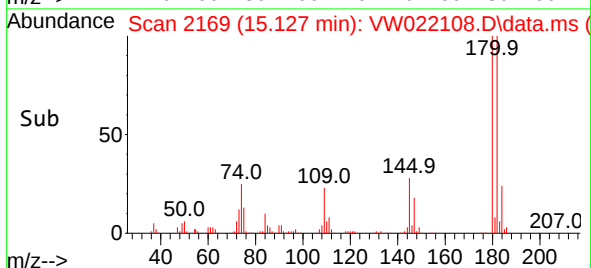
Tgt Ion:180 Resp: 191177
Ion Ratio Lower Upper
180 100
182 90.2 69.4 104.0
184 29.4 21.8 32.8
145 29.6 24.1 36.1

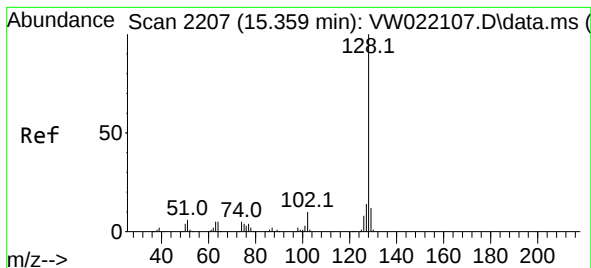


#70
1,2,4-trichlorobenzene
Concen: 51.202 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022108.D
Acq: 23 Feb 2022 14:24



Tgt Ion:180 Resp: 152515
Ion Ratio Lower Upper
180 100
182 94.6 77.8 116.6
145 30.8 25.8 38.6





#71

Naphthalene

Concen: 55.731 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Instrument :

MSVOA_W

ClientSampleId :

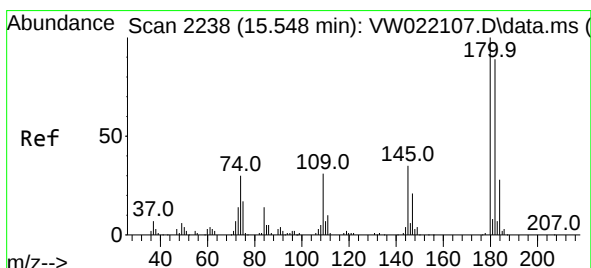
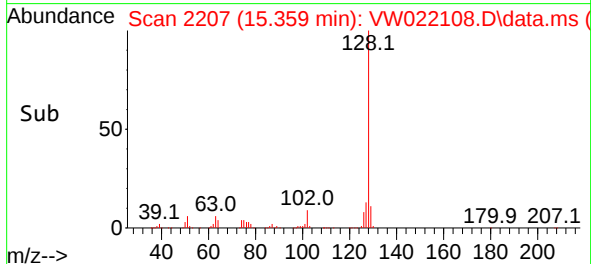
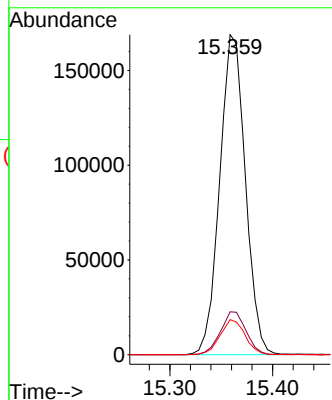
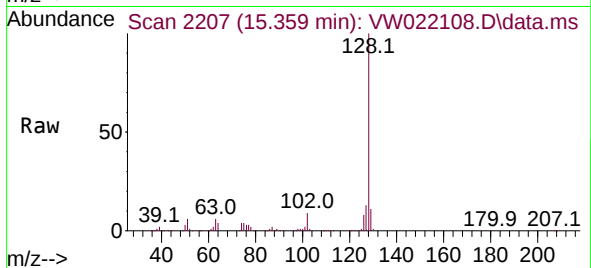
Tgt Ion:128 Resp: 293052

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 50.968 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022108.D

Acq: 23 Feb 2022 14:24

Tgt Ion:180 Resp: 131314

Ion Ratio Lower Upper

180 100

182 95.4 79.0 118.4

145 33.7 28.0 42.0

