

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW0223562.D
 Acq On : 01 Apr 2022 12:13
 Operator : SY/VA
 Sample : VSTD02564
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 13:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 01 13:21:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	293850	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	292600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156418	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118542	29.468	ug/L	0.00
7) Chloroethane-d5	2.885	69	75151	24.555	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	176563	28.576	ug/L	0.00
21) 2-Butanone-d5	7.080	46	55506	75.461	ug/L	0.00
24) Chloroform-d	7.647	84	209171	29.858	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	127580	33.747	ug/L	0.00
32) Benzene-d6	8.275	84	413396	28.937	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	121229	30.177	ug/L	0.00
41) Toluene-d8	10.323	98	405507	28.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	61990	33.560	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	49040	71.337	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103367	29.752	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	131098	25.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	34198	34.908	ug/L	95
3) Chloromethane	2.221	50	82867	27.825	ug/L	97
5) Vinyl chloride	2.367	62	148405	31.763	ug/L	98
6) Bromomethane	2.782	94	73637	23.929	ug/L	97
8) Chloroethane	2.928	64	63174	25.572	ug/L	95
9) Trichlorofluoromethane	3.257	101	40917	15.156	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	96668	26.487	ug/L	94
12) 1,1-Dichloroethene	4.044	96	90955	28.282	ug/L	74
13) Acetone	4.129	43	35852	62.150	ug/L	87
14) Carbon disulfide	4.391	76	293398	33.193	ug/L	98
16) Methylene chloride	4.928	84	99294	26.000	ug/L	85
17) trans-1,2-Dichloroethene	5.427	96	108089	29.934	ug/L	87
18) Methyl tert-butyl Ether	5.421	73	184972	35.720	ug/L	# 93
19) 1,1-Dichloroethane	6.220	63	200698	33.257	ug/L	96
22) 2-Butanone	7.177	43	62465	72.522	ug/L	89
23) Bromochloromethane	7.519	128	49627	26.926	ug/L	# 64
25) Chloroform	7.677	83	203666	29.938	ug/L	98
27) 1,2-Dichloroethane	8.403	62	160334	35.872	ug/L	# 93
29) Cyclohexane	7.958	56	197903	35.795	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	175872	28.407	ug/L	93
31) Carbon tetrachloride	8.067	117	159630	27.391	ug/L	97
33) Benzene	8.323	78	473919	30.914	ug/L	100
34) Trichloroethene	9.091	95	121017	28.123	ug/L	91
35) Methylcyclohexane	9.335	83	216200	31.749	ug/L	90
37) 1,2-Dichloropropane	9.366	63	116097	32.118	ug/L	97
38) Bromodichloromethane	9.646	83	162656	31.604	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	190052	34.164	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	158319	76.811	ug/L	# 91
42) Toluene	10.384	91	537845	31.109	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	177640	35.002	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	84135	27.515	ug/L	90
46) Tetrachloroethene	10.859	164	88726	24.630	ug/L	82

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 Response via : Initial Calibration

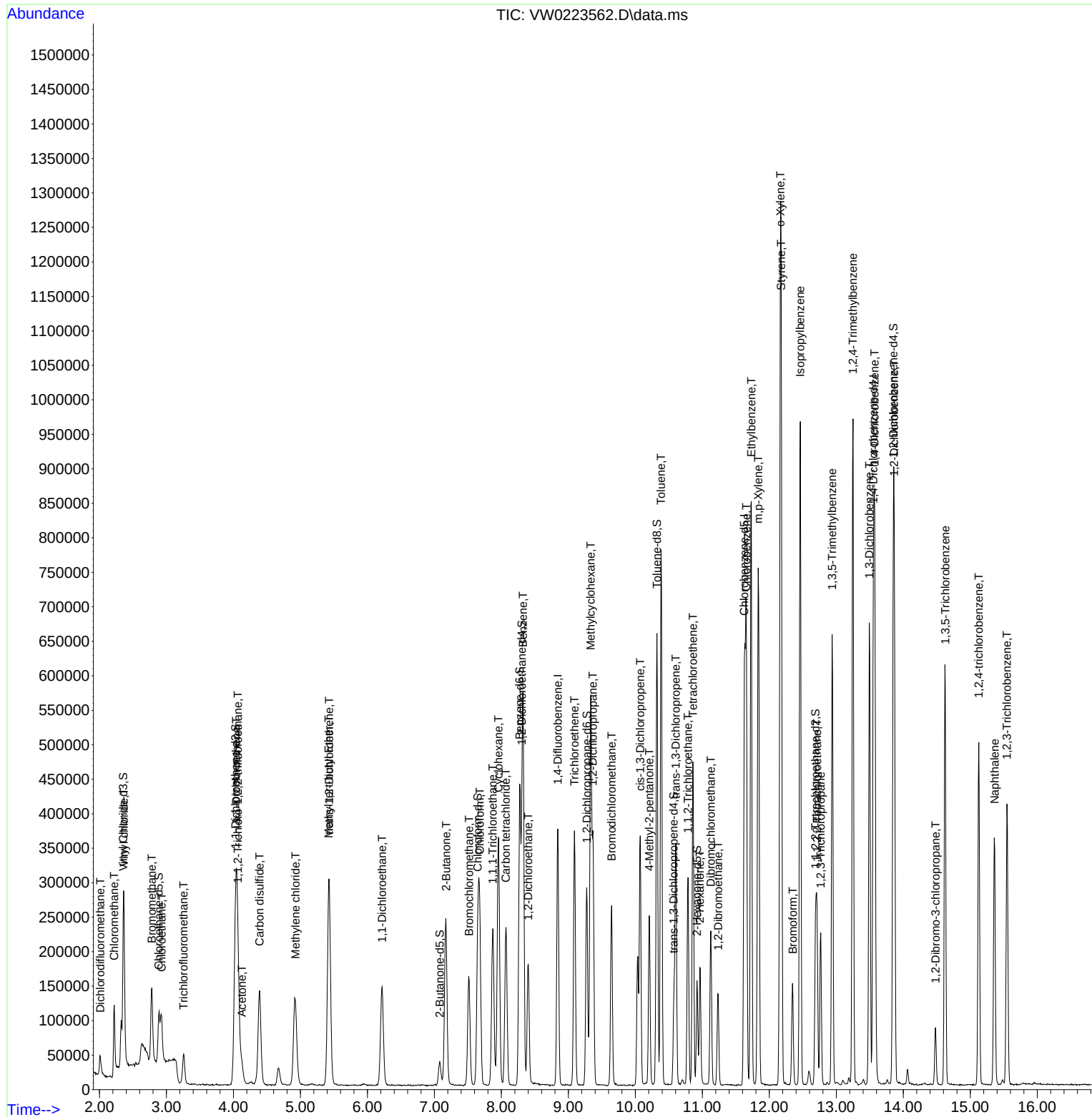
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.963	43	110819	78.148	ug/L #	92
49) Dibromochloromethane	11.128	129	108618	29.033	ug/L	90
50) 1,2-Dibromoethane	11.237	107	86594	29.155	ug/L	94
51) Chlorobenzene	11.658	112	324126	27.699	ug/L	93
52) Ethylbenzene	11.731	91	598096	31.236	ug/L	98
53) m,p-Xylene	11.835	106	227815	29.442	ug/L	83
54) o-Xylene	12.164	106	214649	29.581	ug/L	81
55) Styrene	12.176	104	378558	30.733	ug/L	82
57) 1,1,2,2-Tetrachloroethane	12.713	83	109609	30.358	ug/L #	99
59) Bromoform	12.353	173	57942	26.777	ug/L #	97
60) Isopropylbenzene	12.463	105	606901	30.112	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	82239	30.721	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	334748	26.119	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	511164	31.029	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	233053	24.491	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	242876	25.063	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	218608	25.652	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19832	34.089	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	157411	23.478	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	137553	26.362	ug/L	94
71) Naphthalene	15.365	128	294322	30.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	115485	25.563	ug/L	97

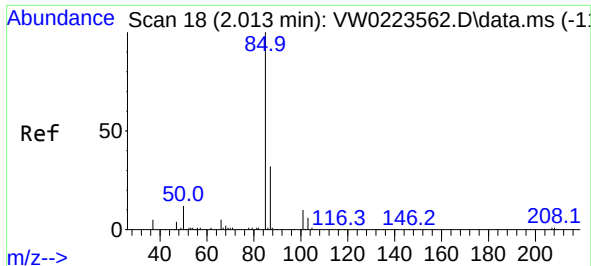
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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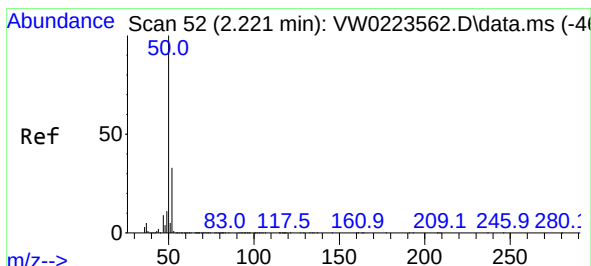
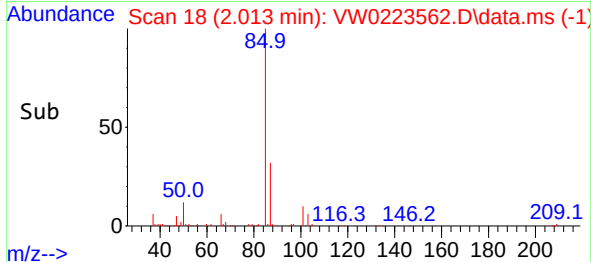
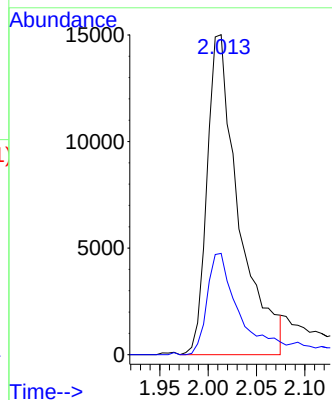
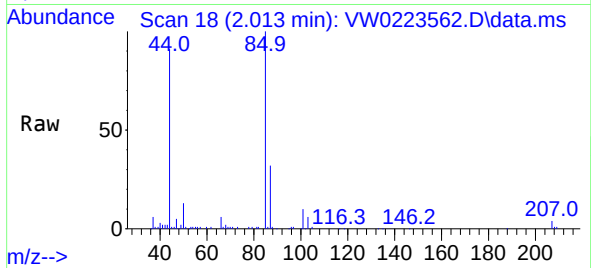




#2
Dichlorodifluoromethane
Concen: 34.908 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW0223562.D
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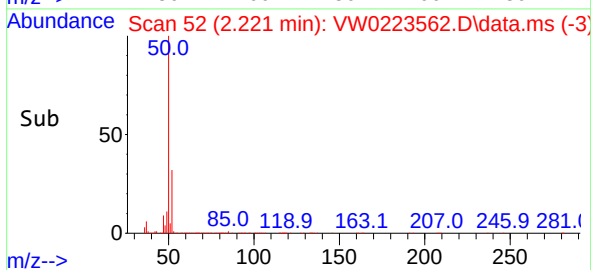
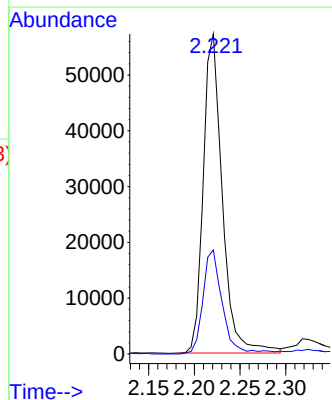
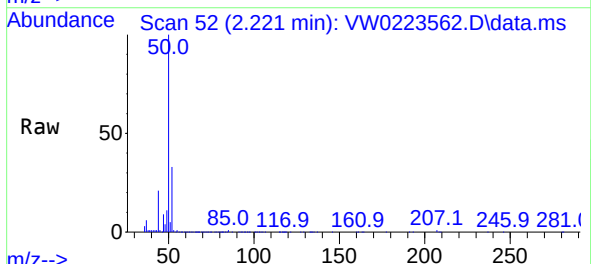
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MSVOA_W
ClientSampleId :

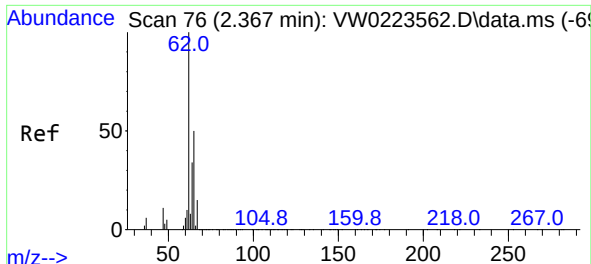
Tgt Ion: 85 Resp: 34198
Ion Ratio Lower Upper
85 100
87 31.9 27.6 41.4



#3
Chloromethane
Concen: 27.825 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 50 Resp: 82867
Ion Ratio Lower Upper
50 100
52 32.5 23.9 44.5

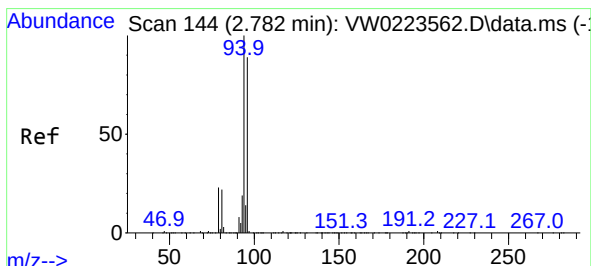
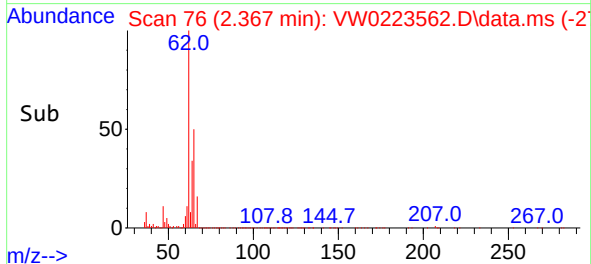
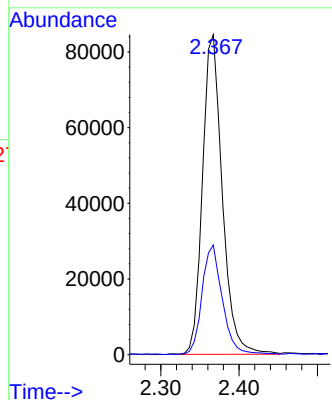
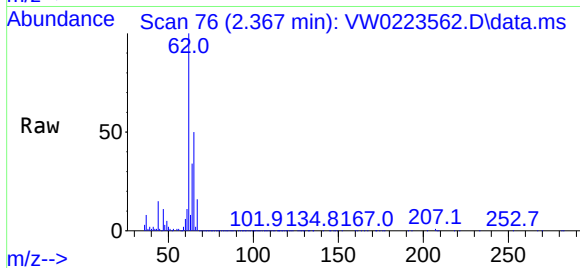




#5
 Vinyl chloride
 Concen: 31.763 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
 Acq: 01 Apr 2022 12:13

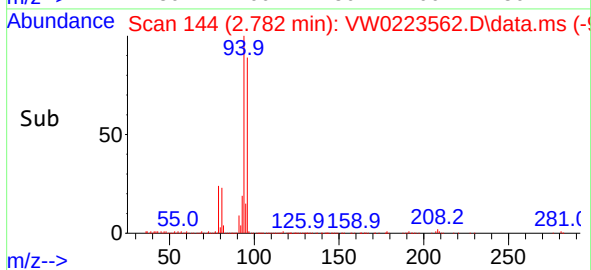
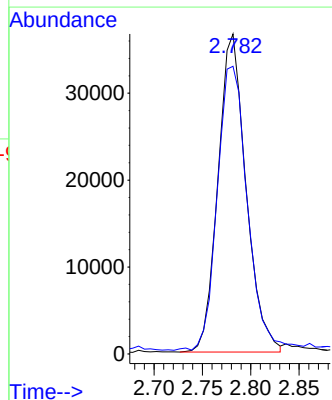
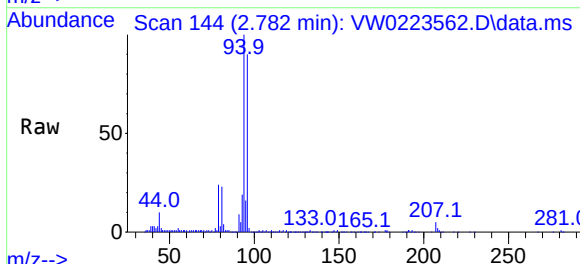
Instrument :
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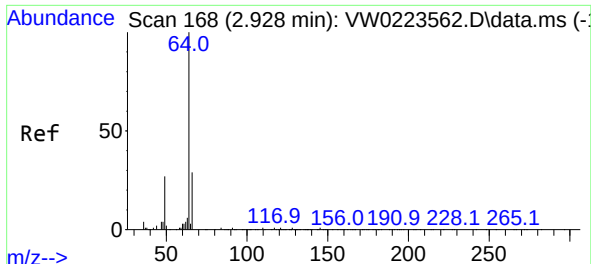
Tgt Ion: 62 Resp: 148405
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.7 45.9



#6
 Bromomethane
 Concen: 23.929 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
 Acq: 01 Apr 2022 12:13

Tgt Ion: 94 Resp: 73637
 Ion Ratio Lower Upper
 94 100
 96 89.9 61.2 113.8

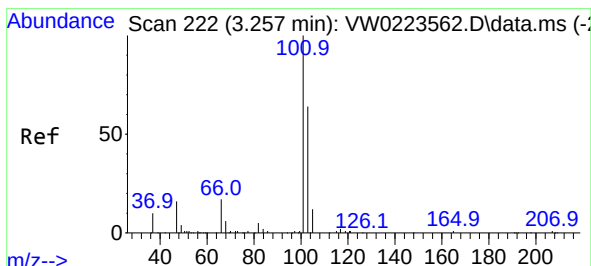
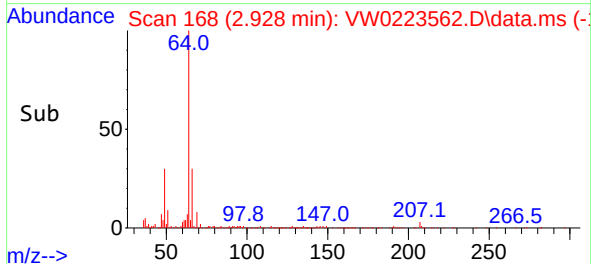
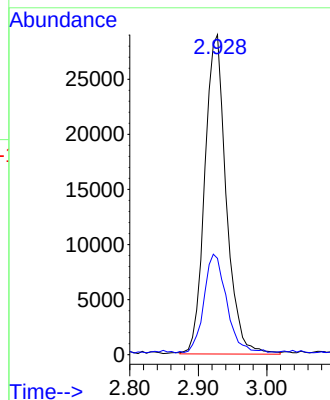
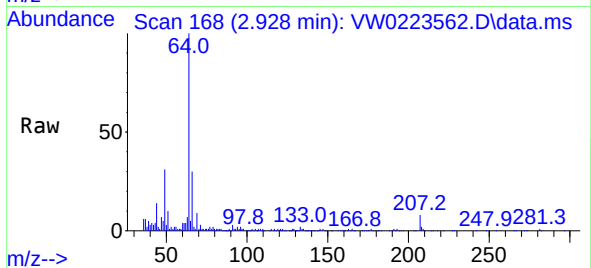




#8
Chloroethane
Concen: 25.572 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

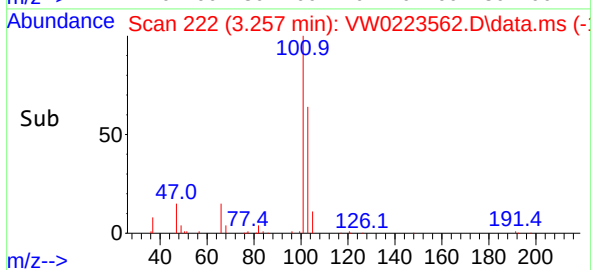
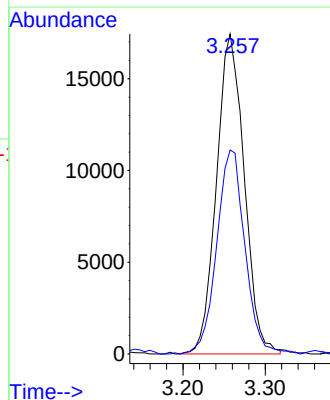
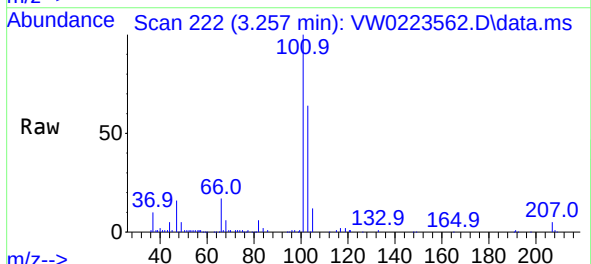
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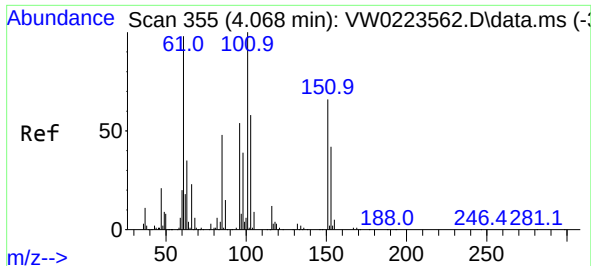
Tgt Ion: 64 Resp: 63174
Ion Ratio Lower Upper
64 100
66 30.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 15.156 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 101 Resp: 40917
Ion Ratio Lower Upper
101 100
103 64.7 53.2 79.8

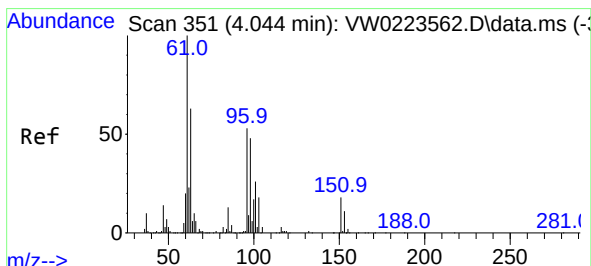
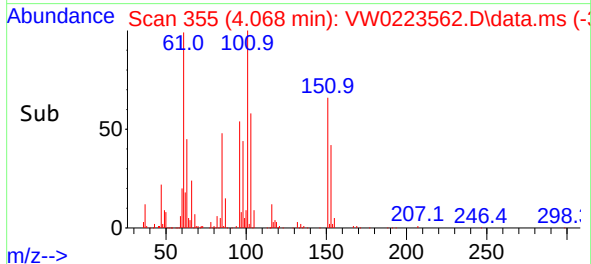
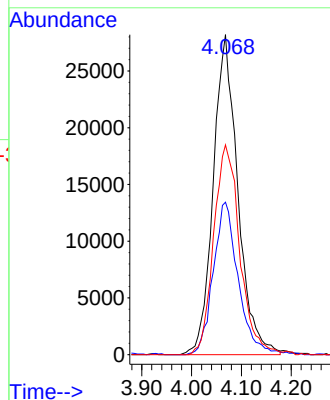
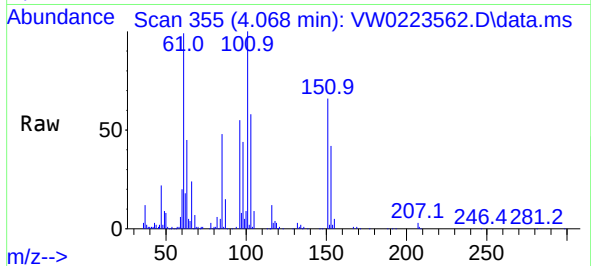




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.487 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
 Acq: 01 Apr 2022 12:13

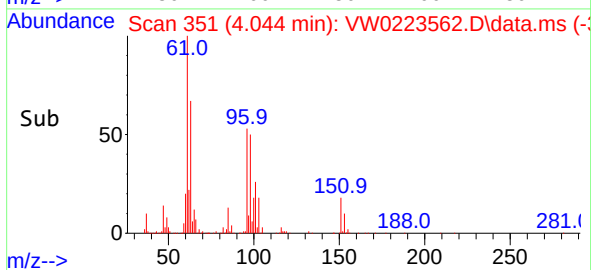
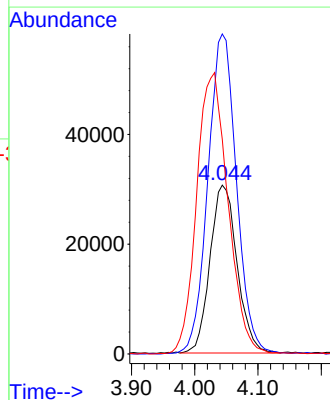
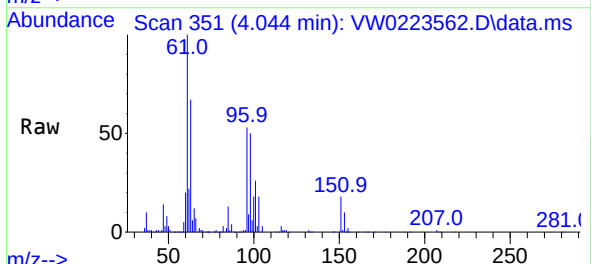
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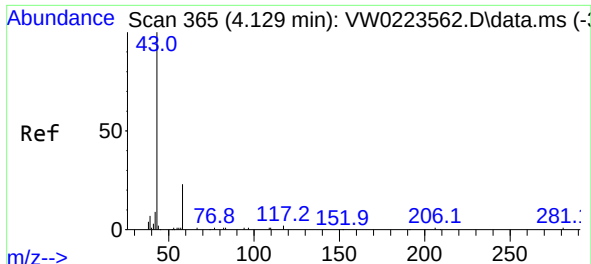
Tgt Ion:	101	Resp:	96668
Ion	Ratio	Lower	Upper
101	100		
85	47.9	34.4	51.6
151	69.4	59.0	88.4



#12
 1,1-Dichloroethene
 Concen: 28.282 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
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Tgt Ion:	96	Resp:	90955
Ion	Ratio	Lower	Upper
96	100		
61	189.6	108.4	201.2
63	127.2	72.0	133.6

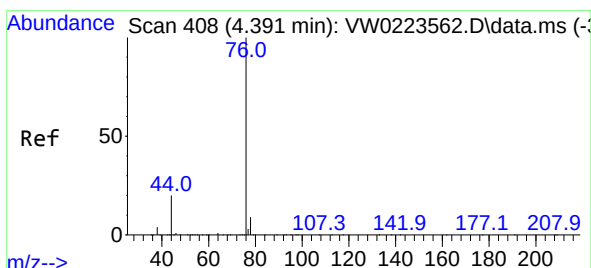
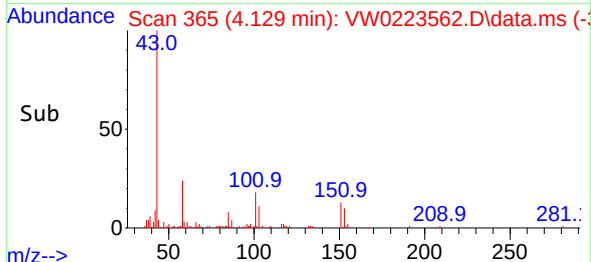
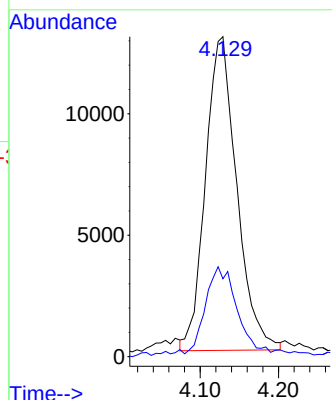
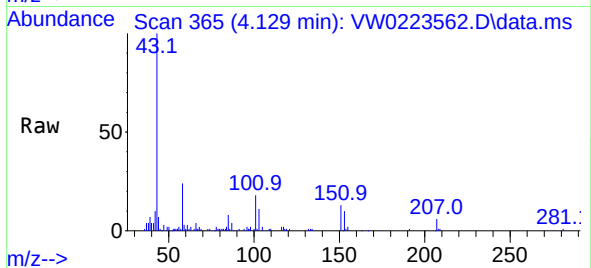




#13
Acetone
Concen: 62.150 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

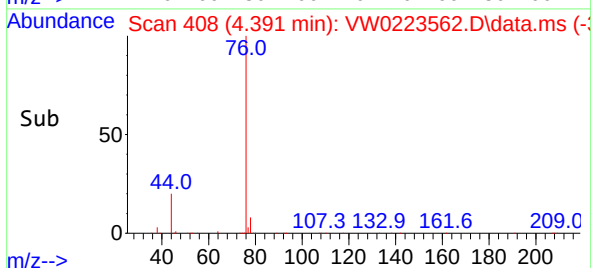
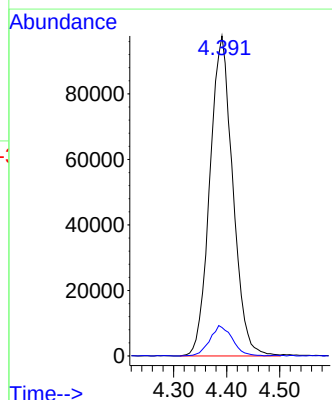
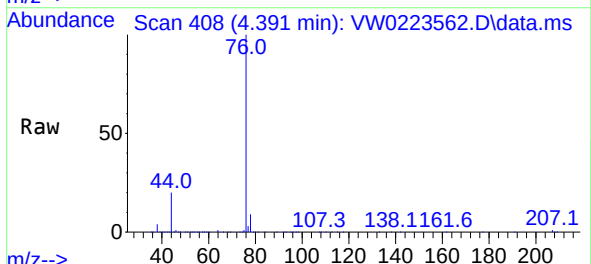
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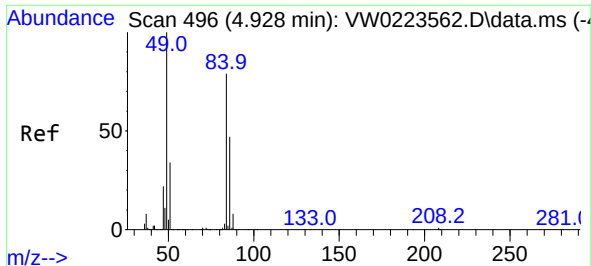
Tgt Ion: 43 Resp: 35852
Ion Ratio Lower Upper
43 100
58 27.2 0.0 69.2



#14
Carbon disulfide
Concen: 33.193 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW0223562.D
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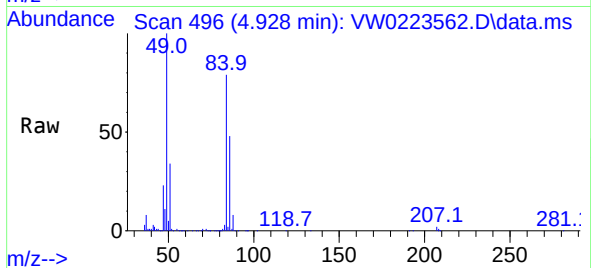
Tgt Ion: 76 Resp: 293398
Ion Ratio Lower Upper
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78 8.9 7.8 11.8



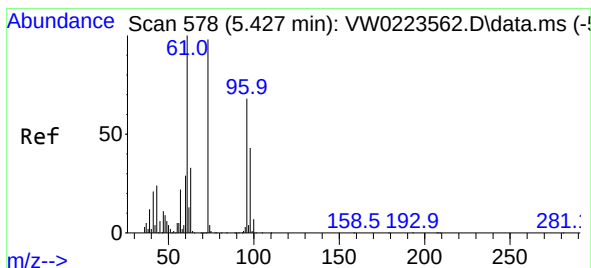
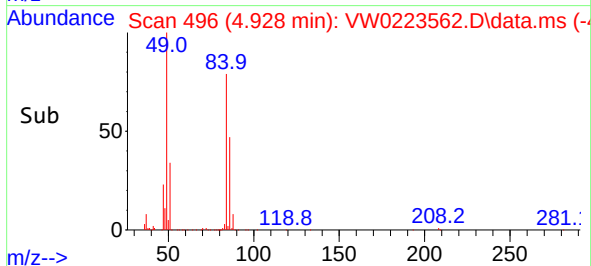
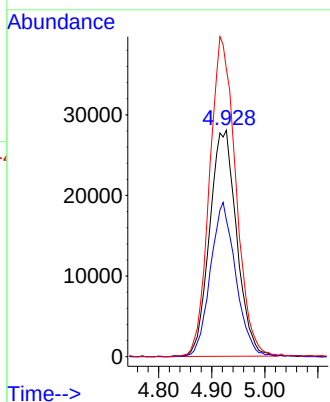


#16
Methylene chloride
Concen: 26.000 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
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Acq: 01 Apr 2022 12:13

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ClientSampleId :

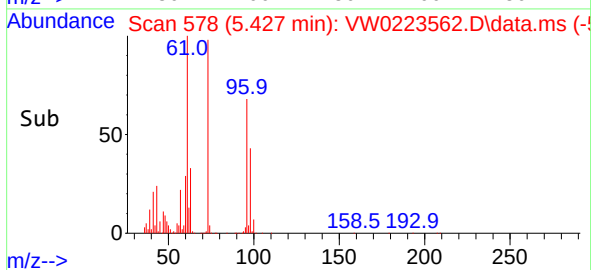
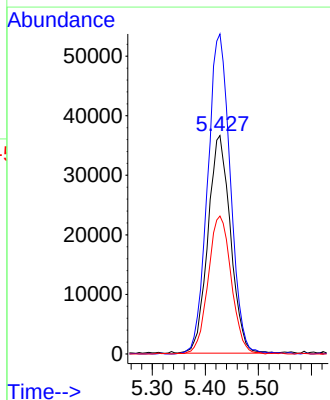
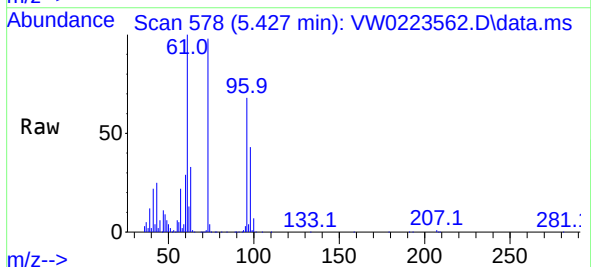


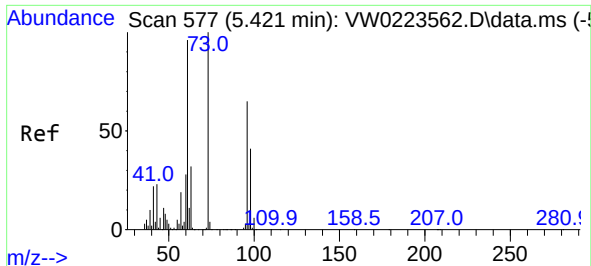
Tgt Ion: 84 Resp: 99294
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.0
49 127.0 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 29.934 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 96 Resp: 108089
Ion Ratio Lower Upper
96 100
61 146.5 87.3 162.1
98 63.1 43.2 80.2





#18

Methyl tert-butyl Ether

Concen: 35.720 ug/L

RT: 5.421 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

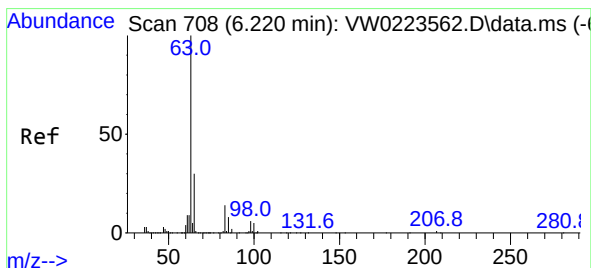
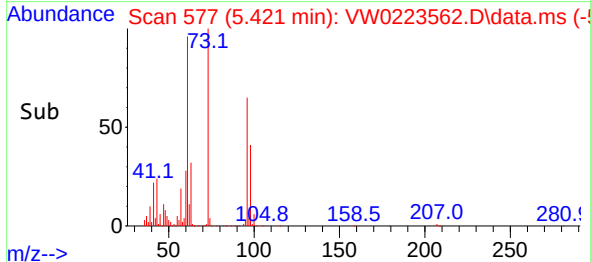
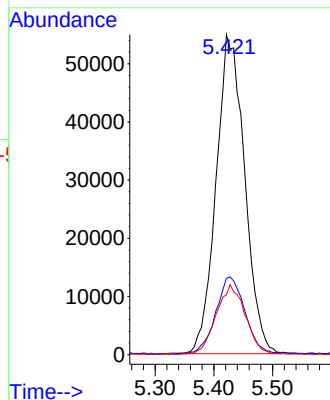
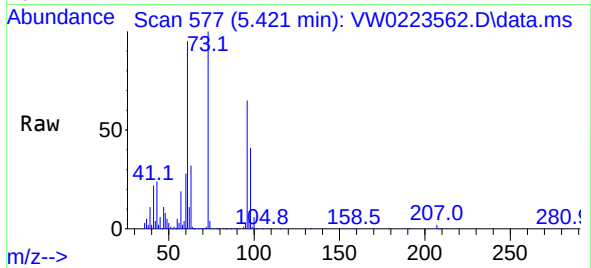
Tgt Ion: 73 Resp: 184972

Ion Ratio Lower Upper

73 100

43 24.2 15.4 23.2#

57 22.3 16.5 24.7



#19

1,1-Dichloroethane

Concen: 33.257 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

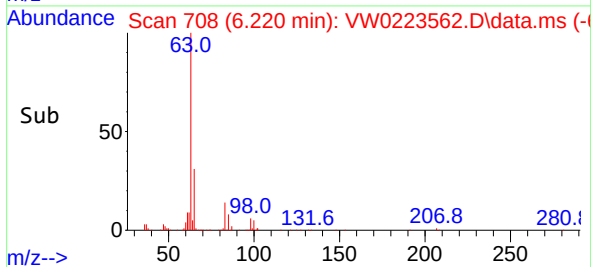
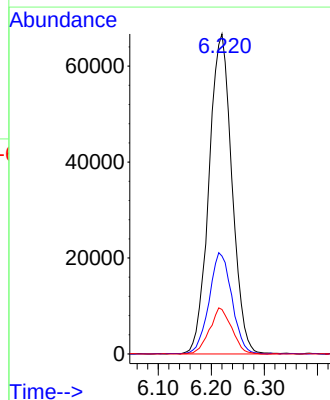
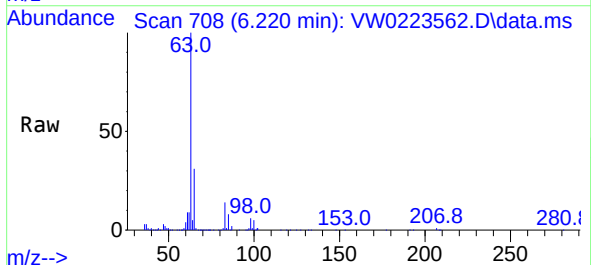
Tgt Ion: 63 Resp: 200698

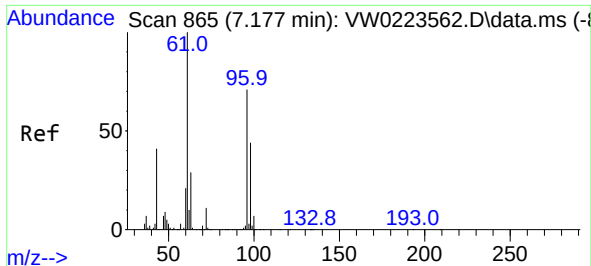
Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 13.9 11.5 21.5





#22

2-Butanone

Concen: 72.522 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

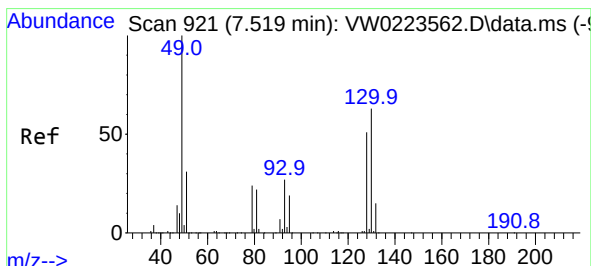
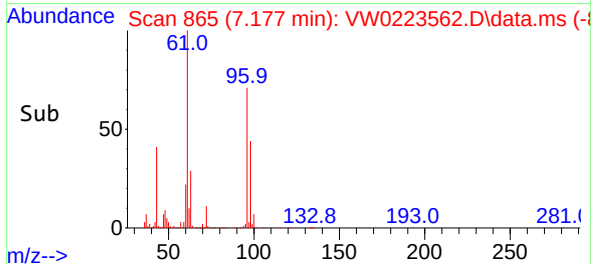
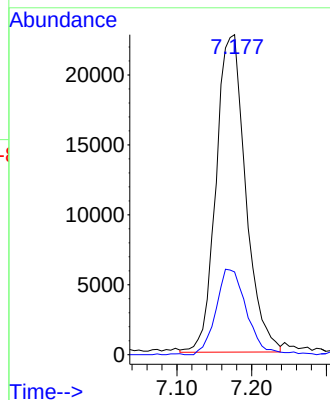
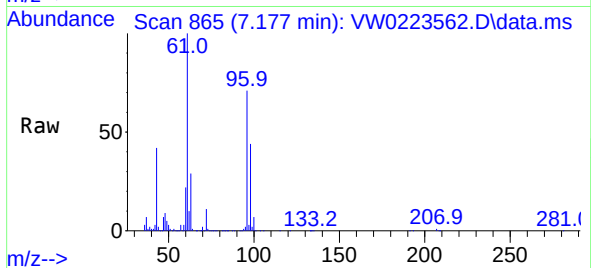
ClientSampleId :

Tgt Ion: 43 Resp: 62465

Ion Ratio Lower Upper

43 100

72 27.6 17.0 51.0



#23

Bromochloromethane

Concen: 26.926 ug/L

RT: 7.519 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Tgt Ion:128 Resp: 49627

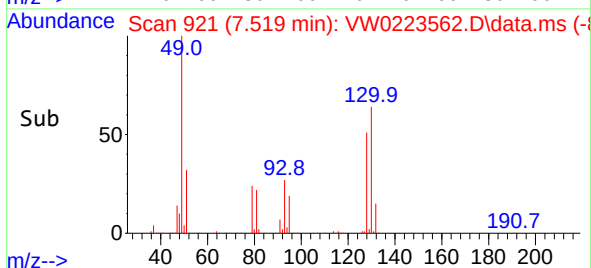
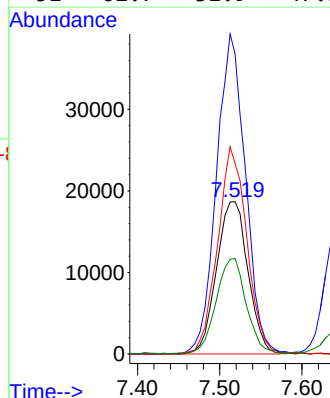
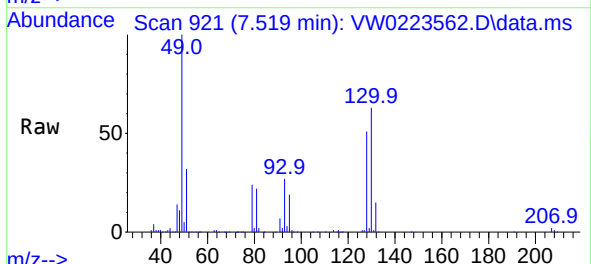
Ion Ratio Lower Upper

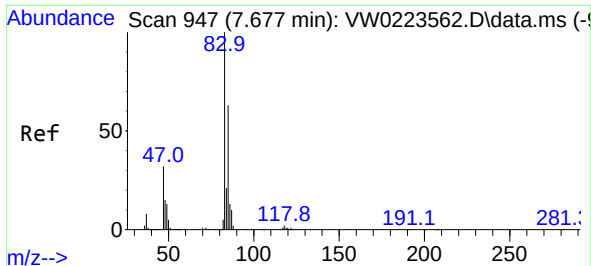
128 100

49 197.0 84.2 156.4#

130 125.1 84.8 157.4

51 62.7 31.9 47.9#

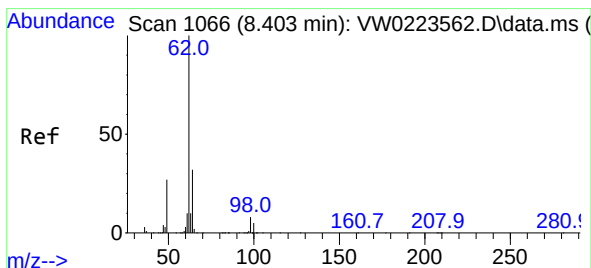
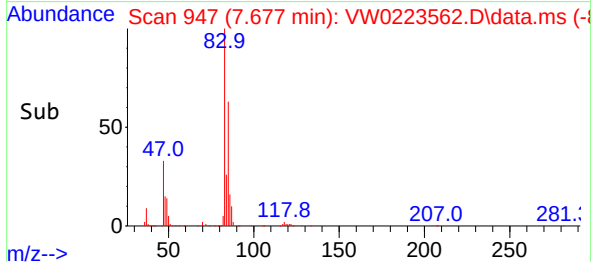
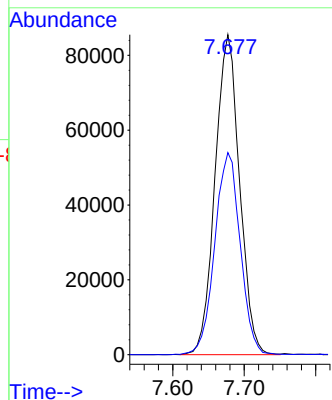
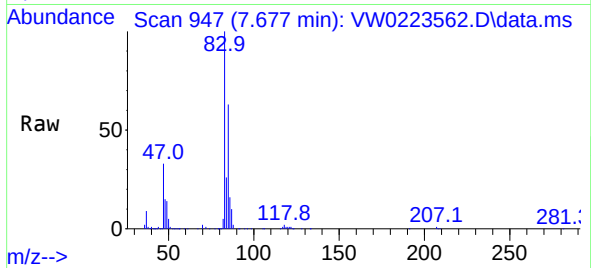




#25
Chloroform
Concen: 29.938 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

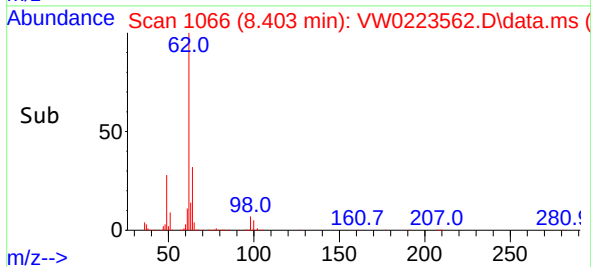
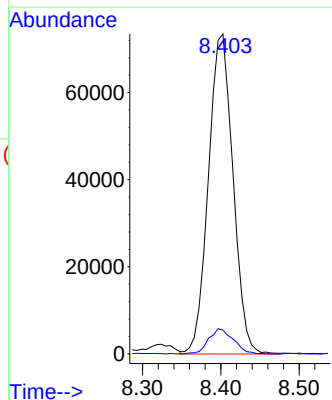
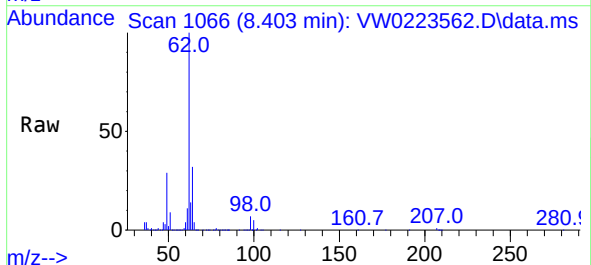
Instrument :
MSVOA_W
ClientSampleId :

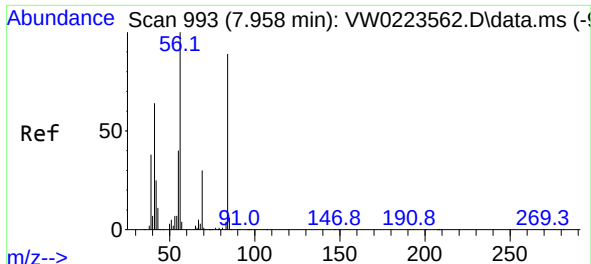
Tgt Ion: 83 Resp: 203666
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 35.872 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 62 Resp: 160334
Ion Ratio Lower Upper
62 100
98 7.5 7.9 11.9#





#29

Cyclohexane

Concen: 35.795 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

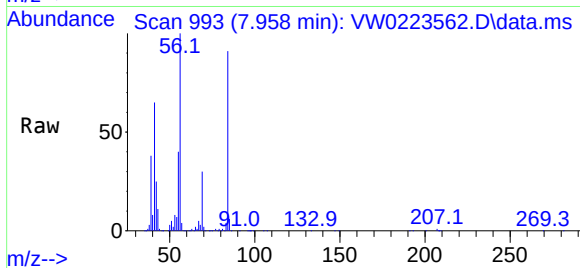
Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :



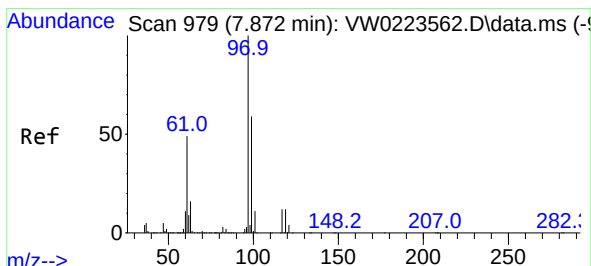
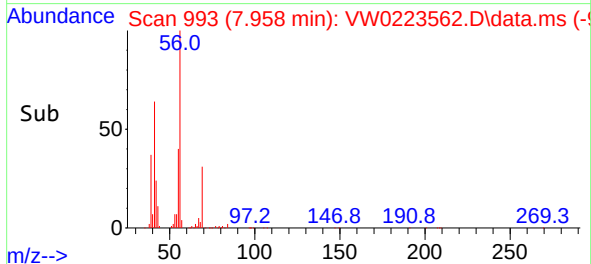
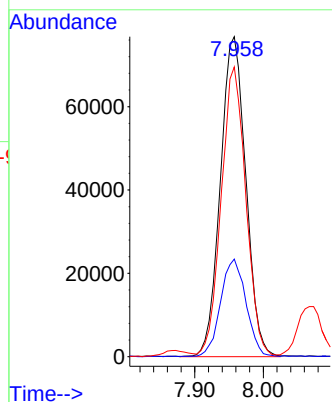
Tgt Ion: 56 Resp: 197903

Ion Ratio Lower Upper

56 100

69 30.4 26.3 39.5

84 87.6 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 28.407 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

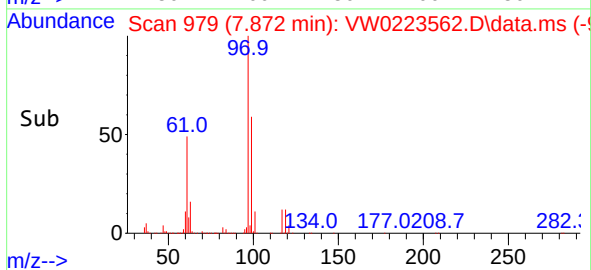
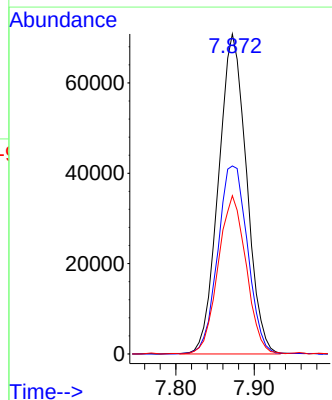
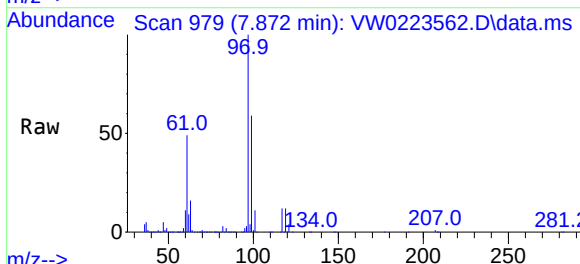
Tgt Ion: 97 Resp: 175872

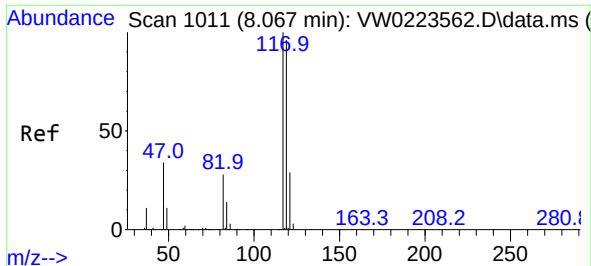
Ion Ratio Lower Upper

97 100

99 62.6 52.6 78.8

61 49.5 33.0 49.6

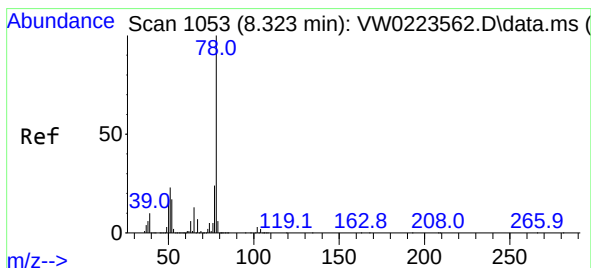
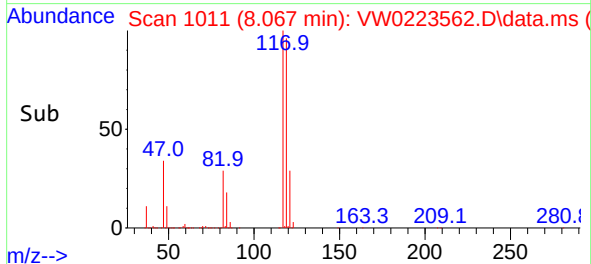
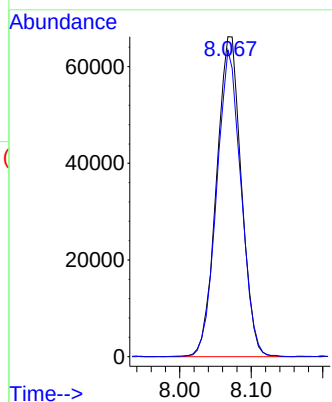
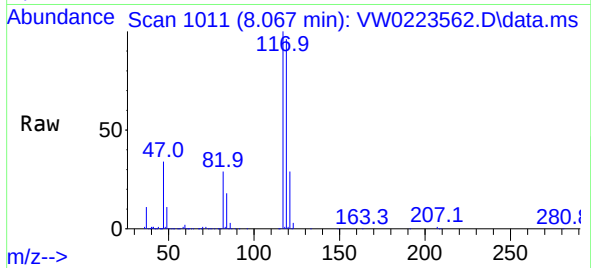




#31
Carbon tetrachloride
Concen: 27.391 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

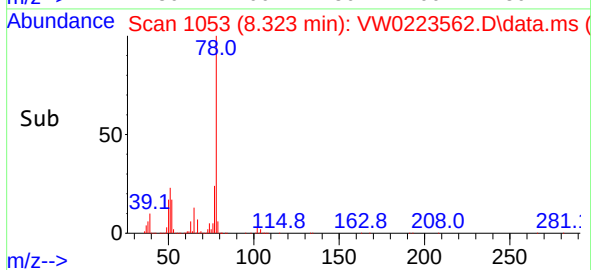
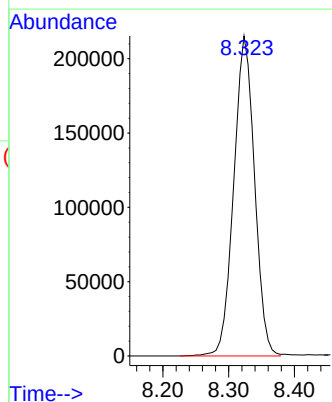
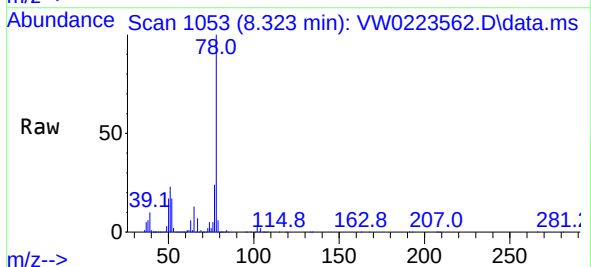
Instrument :
MSVOA_W
ClientSampleId :

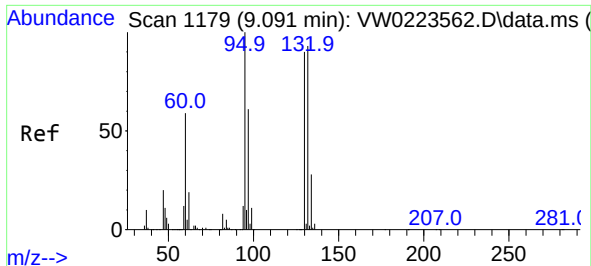
Tgt Ion:117 Resp: 159630
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1



#33
Benzene
Concen: 30.914 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 78 Resp: 473919





#34

Trichloroethene

Concen: 28.123 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

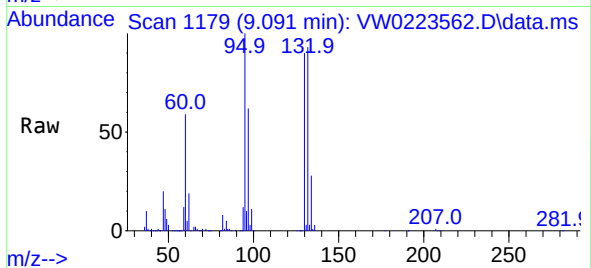
Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 121017

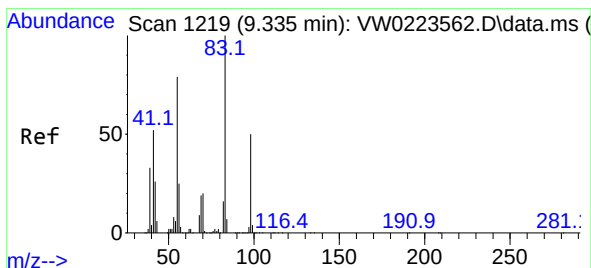
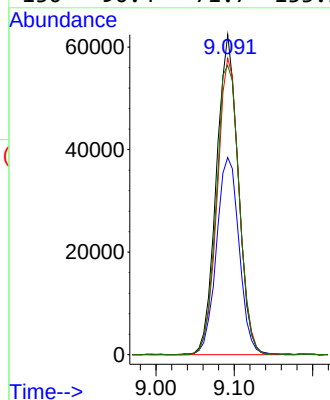
Ion Ratio Lower Upper

95 100

97 61.6 44.4 82.4

132 92.6 71.7 133.1

130 90.4 71.7 133.1



#35

Methylcyclohexane

Concen: 31.749 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

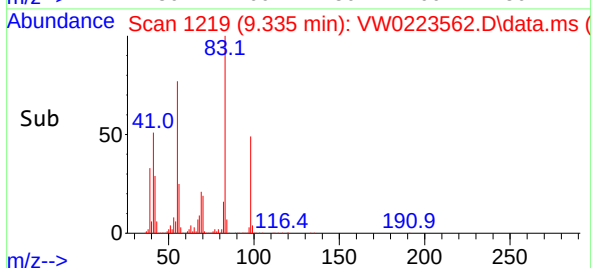
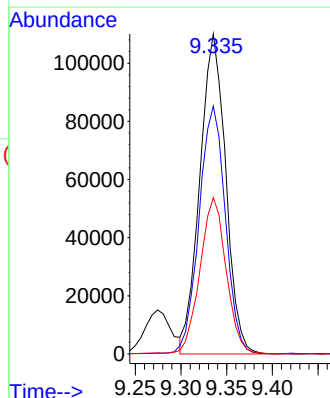
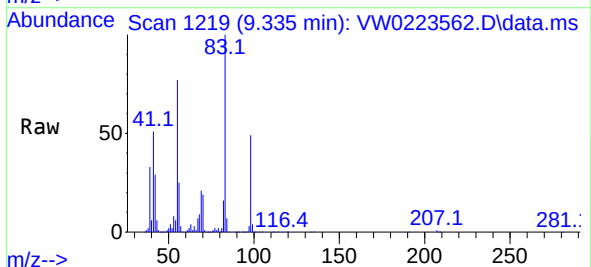
Tgt Ion: 83 Resp: 216200

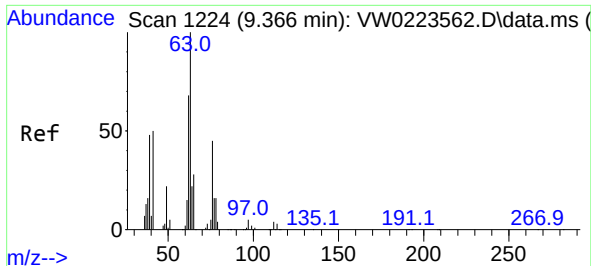
Ion Ratio Lower Upper

83 100

55 78.6 53.8 80.8

98 49.5 42.1 63.1

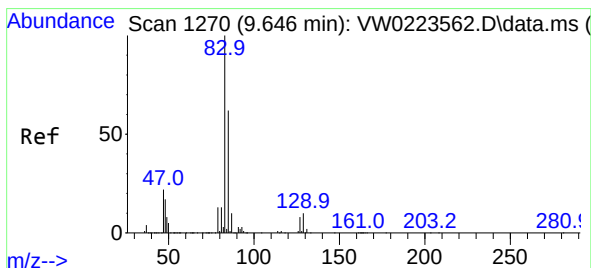
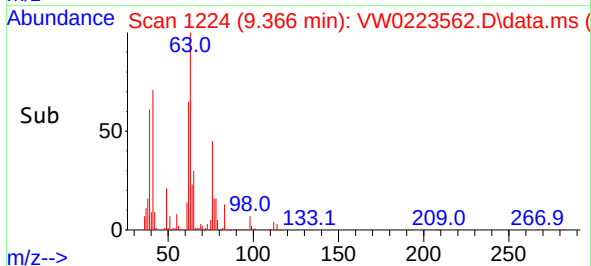
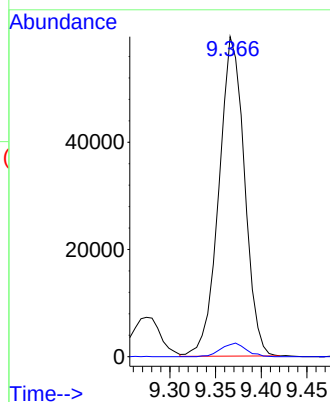
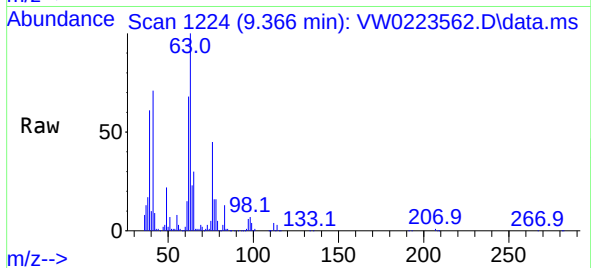




#37
1,2-Dichloropropane
Concen: 32.118 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

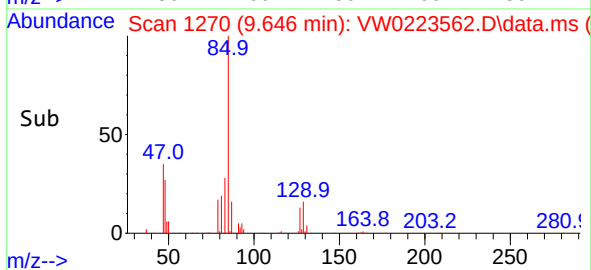
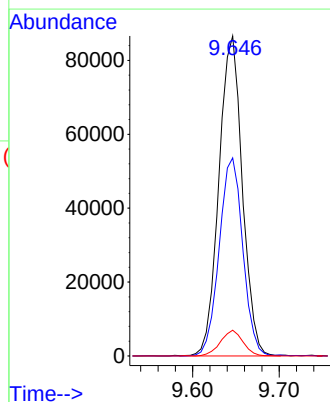
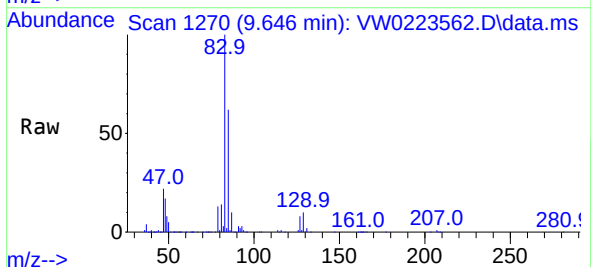
Instrument :
MSVOA_W
ClientSampleId :

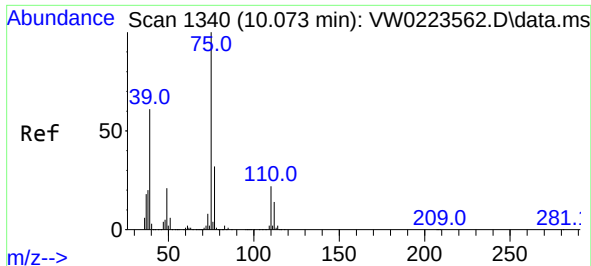
Tgt Ion: 63 Resp: 116097
Ion Ratio Lower Upper
63 100
112 4.2 4.1 6.1



#38
Bromodichloromethane
Concen: 31.604 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 83 Resp: 162656
Ion Ratio Lower Upper
83 100
85 61.9 47.9 89.1
127 8.1 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 34.164 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

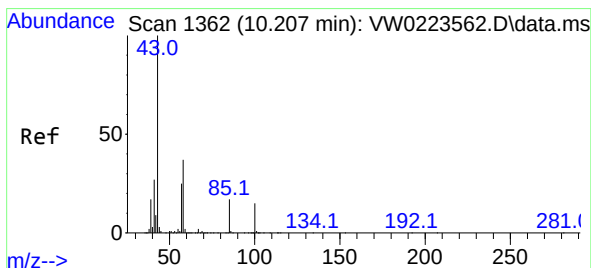
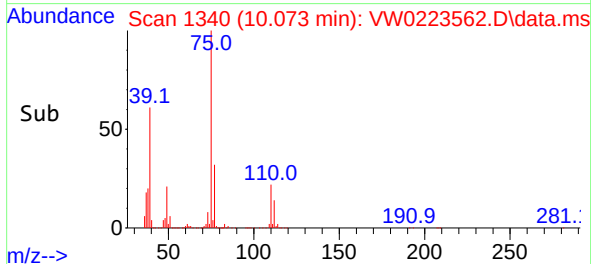
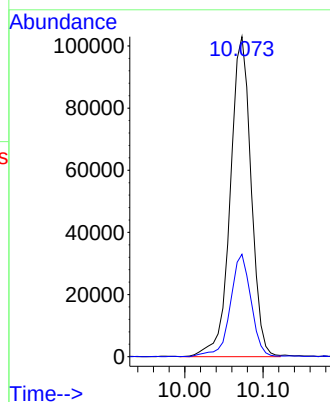
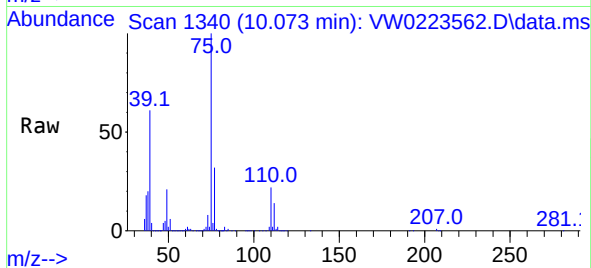
ClientSampleId :

Tgt Ion: 75 Resp: 190052

Ion Ratio Lower Upper

75 100

77 32.0 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 76.811 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

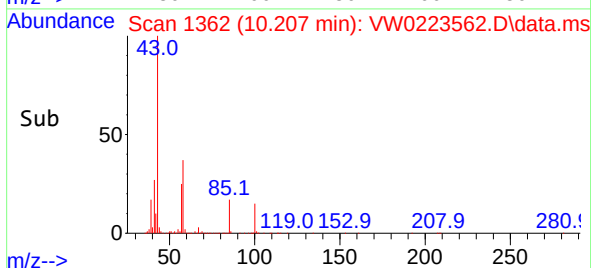
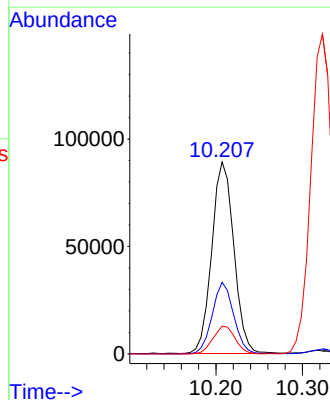
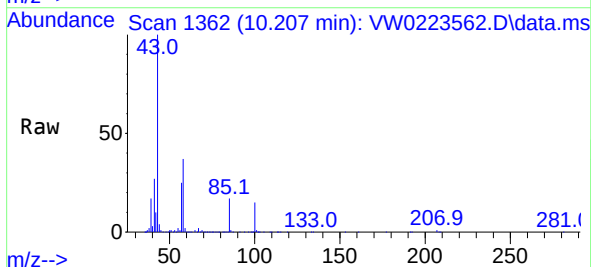
Tgt Ion: 43 Resp: 158319

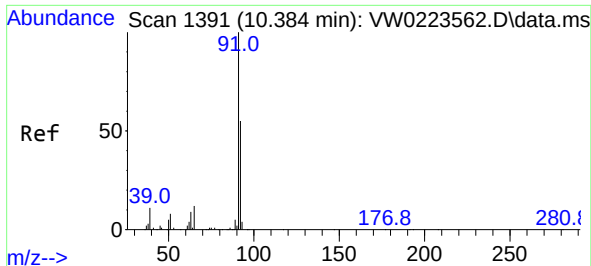
Ion Ratio Lower Upper

43 100

58 36.3 33.2 49.8

100 14.6 16.1 24.1#

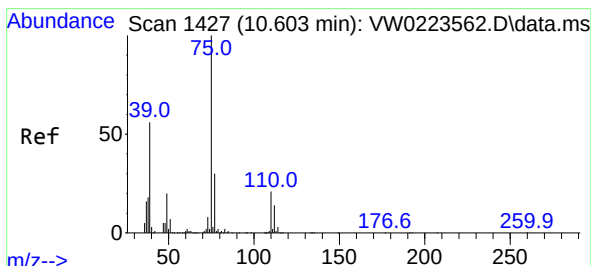
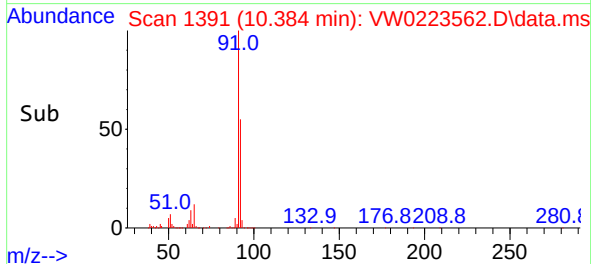
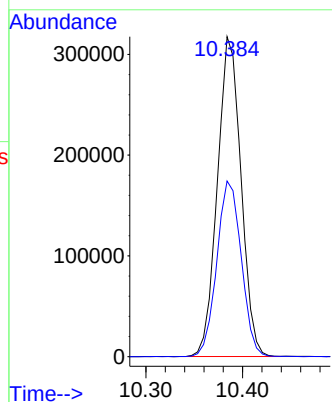
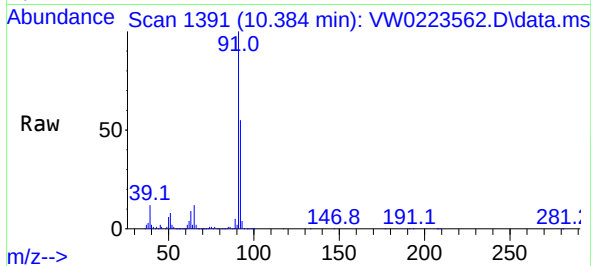




#42
Toluene
Concen: 31.109 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

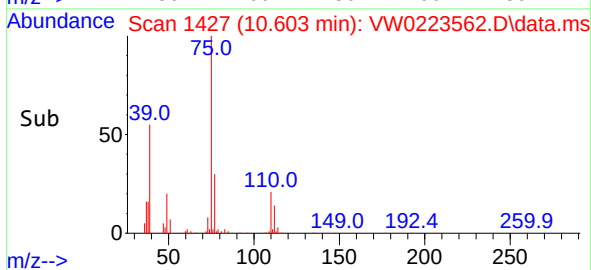
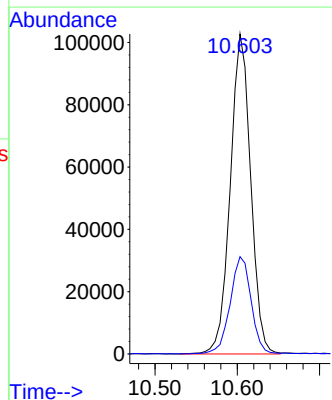
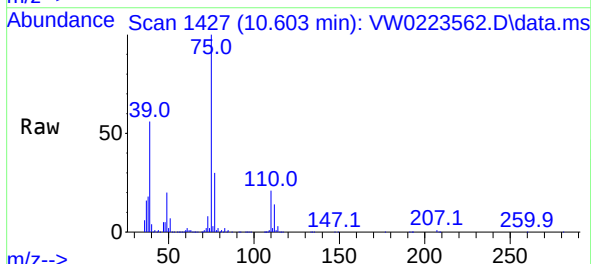
Instrument :
MSVOA_W
ClientSampleId :

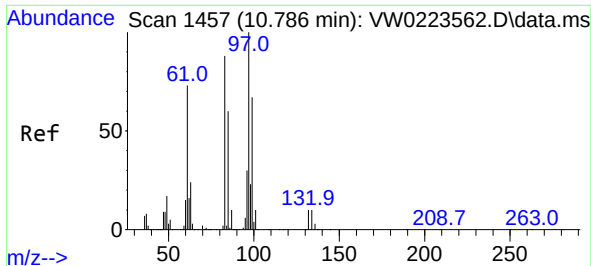
Tgt Ion: 91 Resp: 537845
Ion Ratio Lower Upper
91 100
92 54.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 35.002 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 75 Resp: 177640
Ion Ratio Lower Upper
75 100
77 30.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.515 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 84135

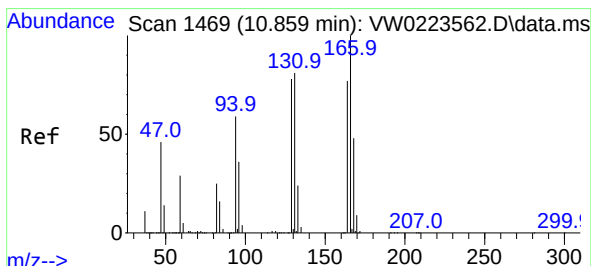
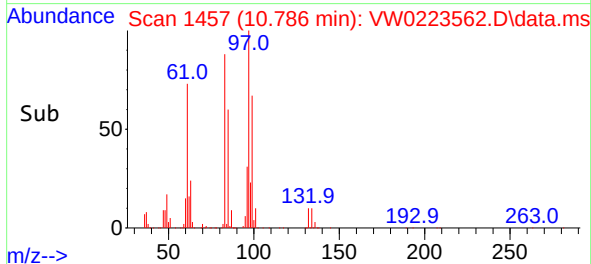
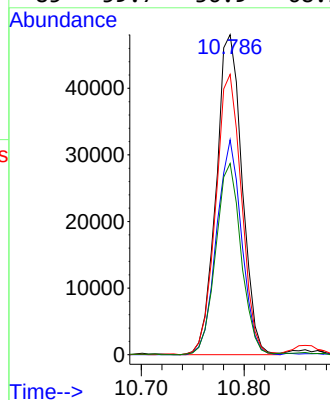
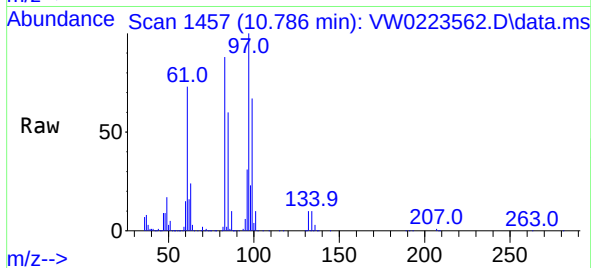
Ion Ratio Lower Upper

97 100

99 67.2 43.5 80.7

83 87.6 53.5 99.3

85 59.7 36.9 68.5



#46

Tetrachloroethene

Concen: 24.630 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Tgt Ion:164 Resp: 88726

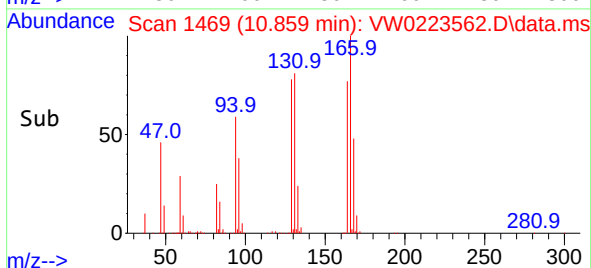
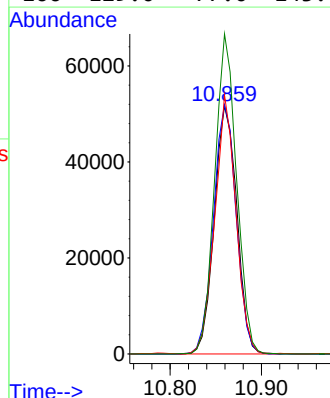
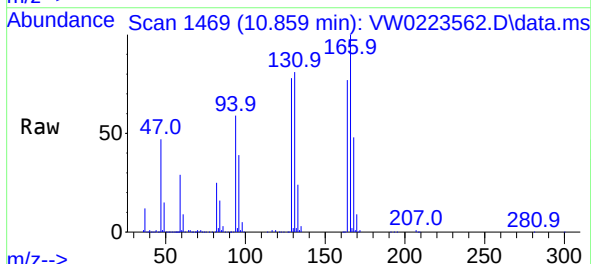
Ion Ratio Lower Upper

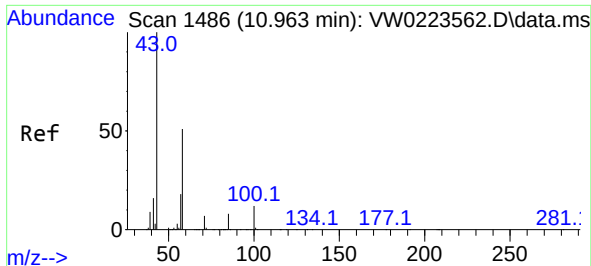
164 100

129 100.5 60.3 111.9

131 104.4 59.9 111.3

166 129.0 77.0 143.0





#48

2-Hexanone

Concen: 78.148 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. 0.000 min

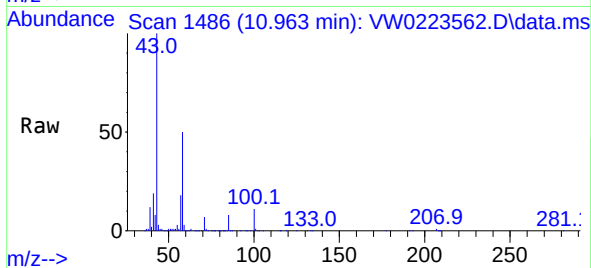
Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 110819

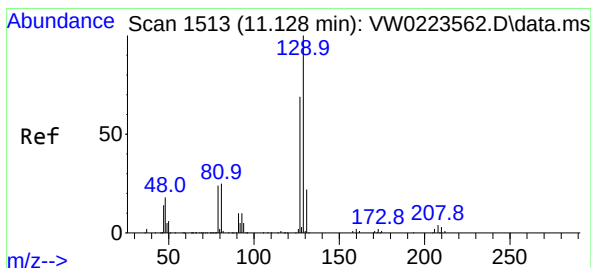
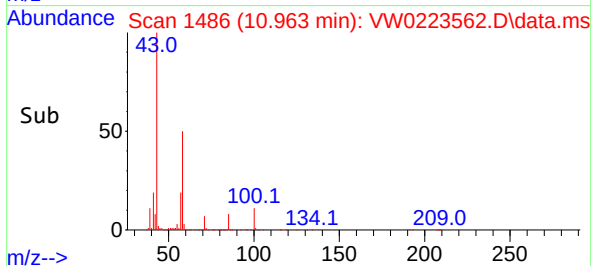
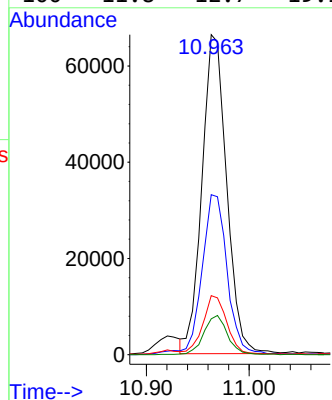
Ion Ratio Lower Upper

43 100

58 49.6 44.6 66.8

57 17.7 15.8 23.8

100 11.8 12.7 19.1#



#49

Dibromochloromethane

Concen: 29.033 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW0223562.D

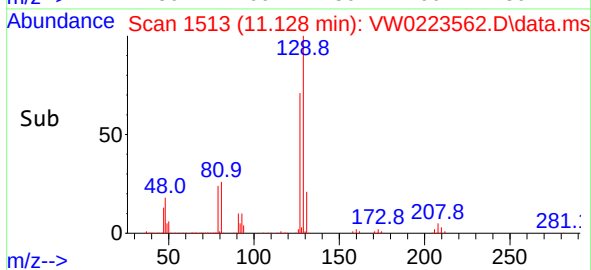
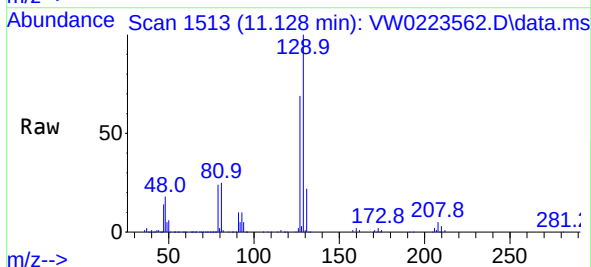
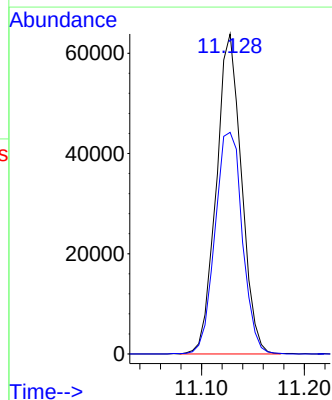
Acq: 01 Apr 2022 12:13

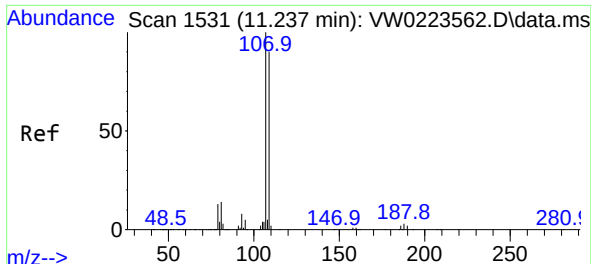
Tgt Ion: 129 Resp: 108618

Ion Ratio Lower Upper

129 100

127 69.2 54.5 101.1





#50

1,2-Dibromoethane

Concen: 29.155 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

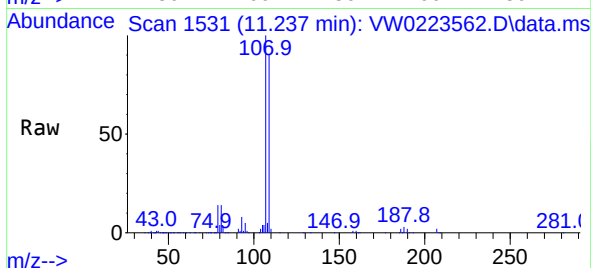
Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :



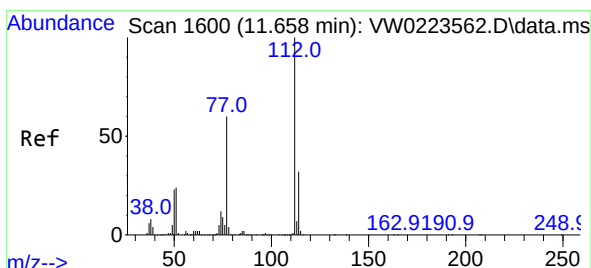
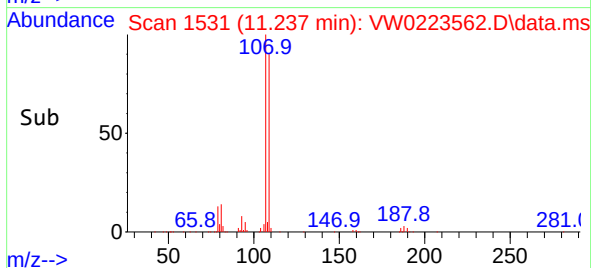
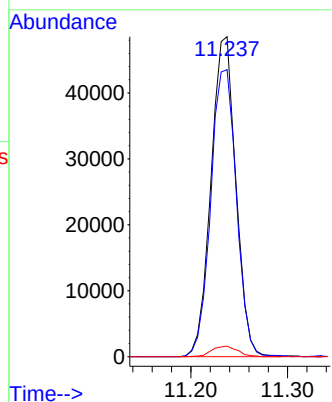
Tgt Ion:107 Resp: 86594

Ion Ratio Lower Upper

107 100

109 89.7 66.8 124.2

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 27.699 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

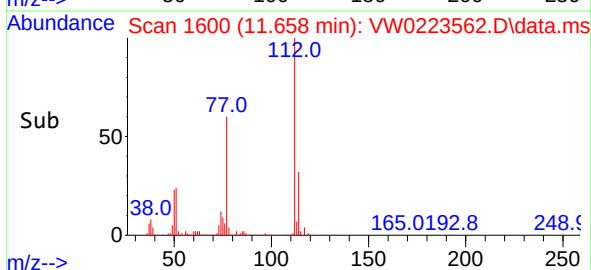
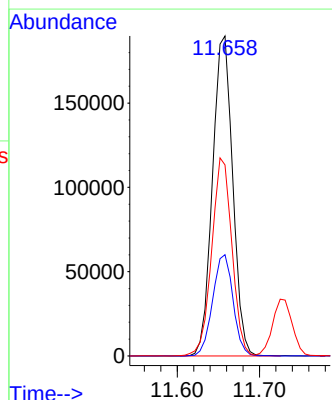
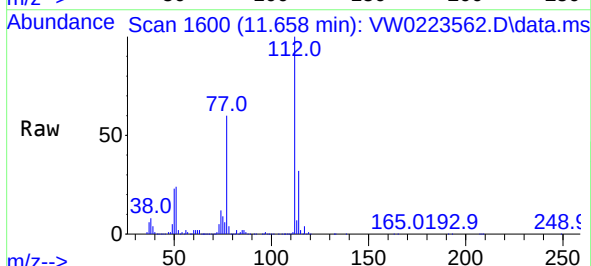
Tgt Ion:112 Resp: 324126

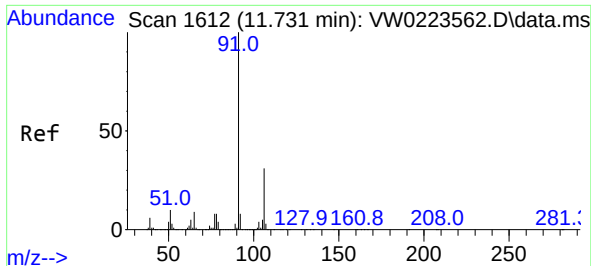
Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.8

77 59.7 41.8 62.6

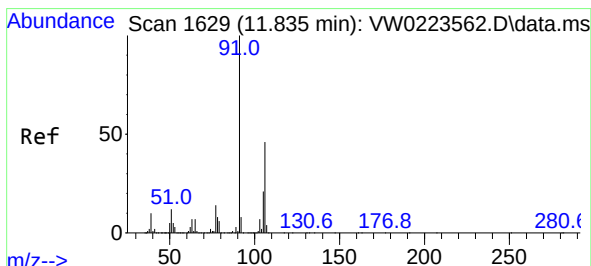
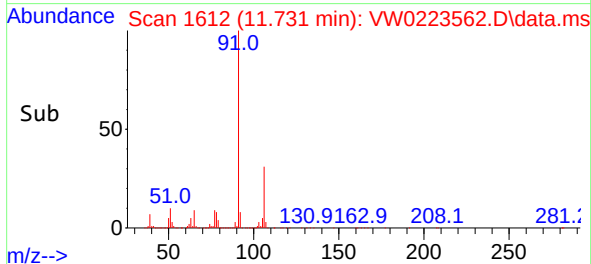
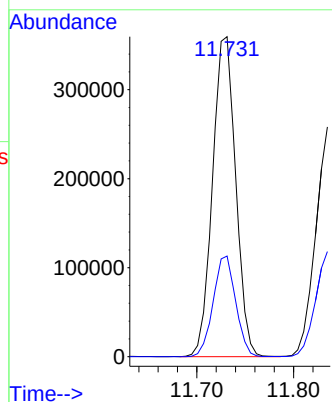
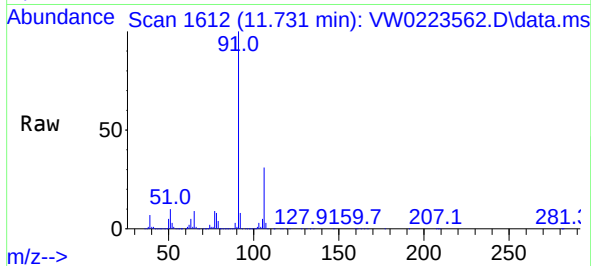




#52
Ethylbenzene
Concen: 31.236 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

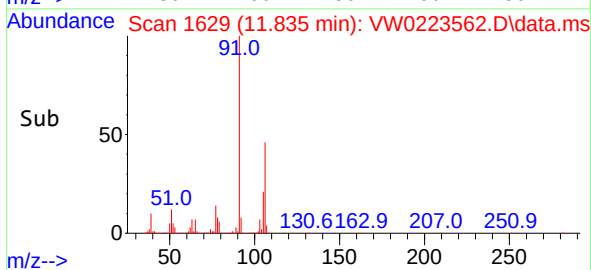
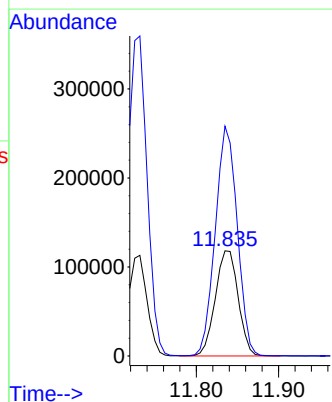
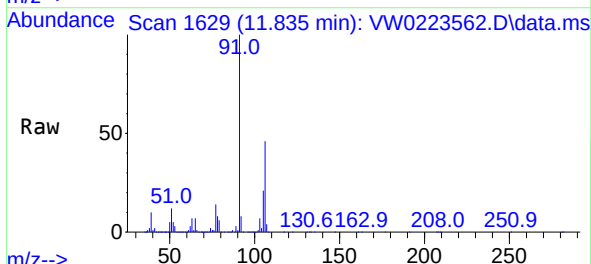
Instrument :
MSVOA_W
ClientSampleId :

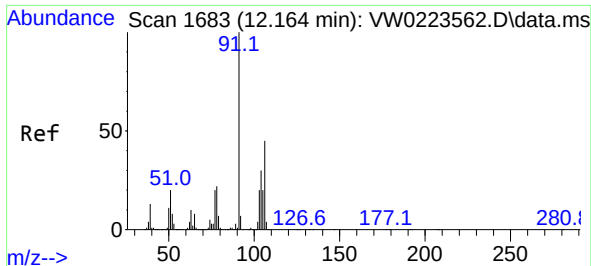
Tgt Ion: 91 Resp: 598096
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4



#53
m,p-Xylene
Concen: 29.442 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 106 Resp: 227815
Ion Ratio Lower Upper
106 100
91 218.7 135.0 250.8

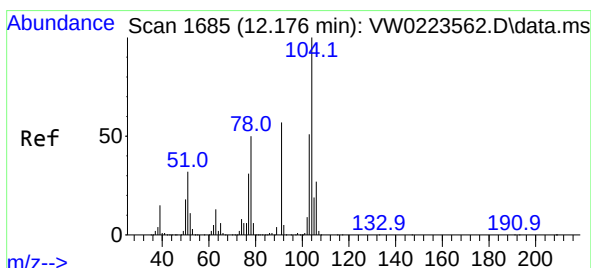
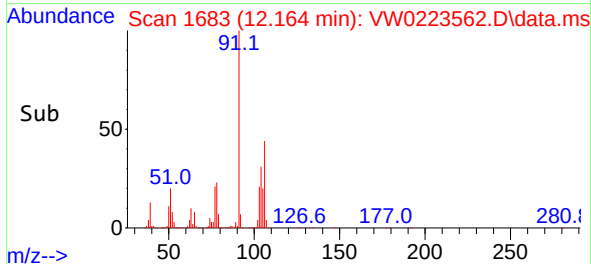
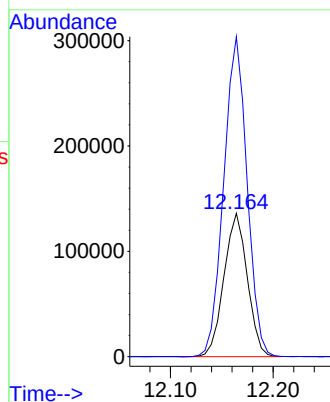
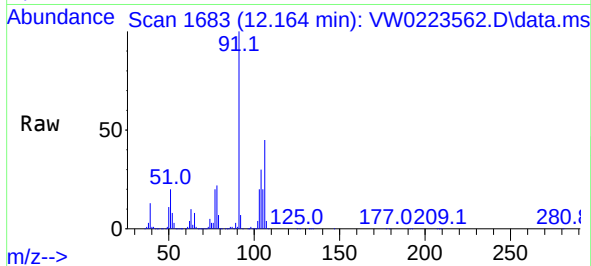




#54
o-Xylene
Concen: 29.581 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

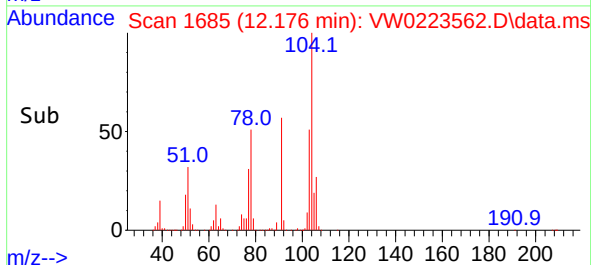
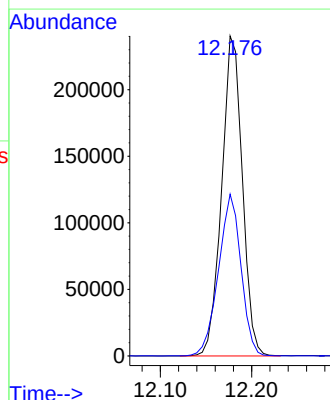
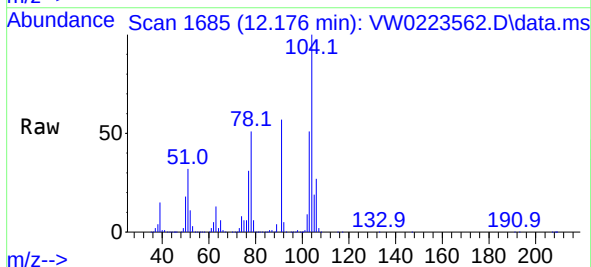
Instrument :
MSVOA_W
ClientSampleId :

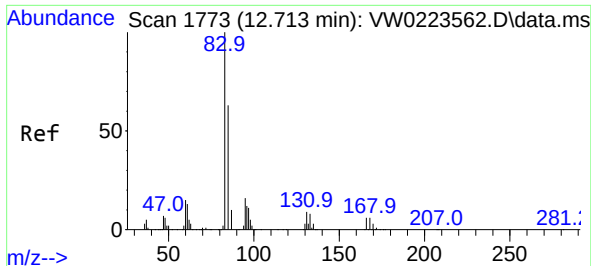
Tgt Ion:106 Resp: 214649
Ion Ratio Lower Upper
106 100
91 223.2 136.9 254.3



#55
Styrene
Concen: 30.733 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion:104 Resp: 378558
Ion Ratio Lower Upper
104 100
78 50.5 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.358 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

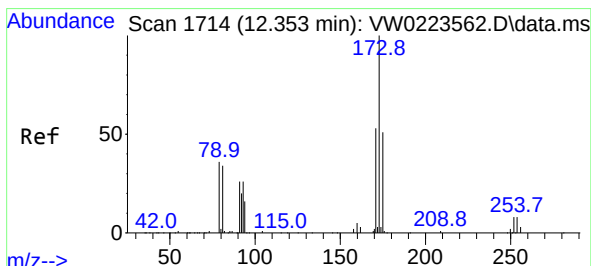
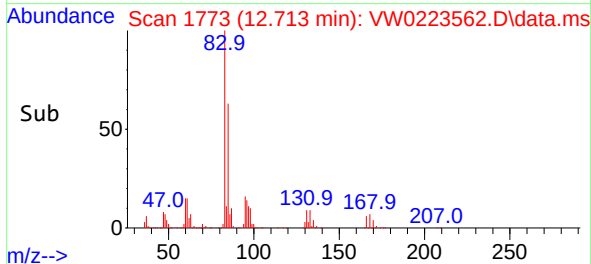
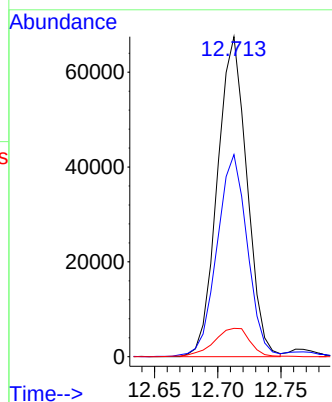
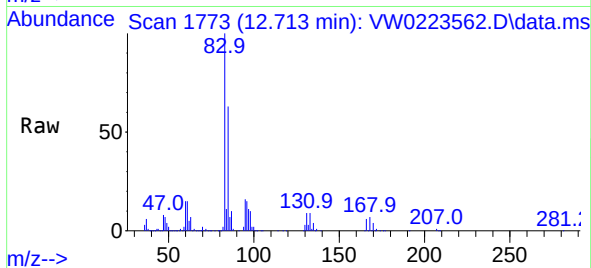
Tgt Ion: 83 Resp: 109609

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.0

131 8.9 9.4 14.0#



#59

Bromoform

Concen: 26.777 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

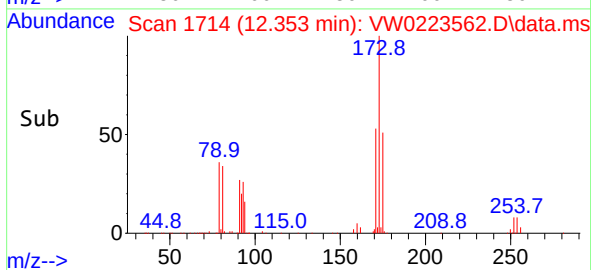
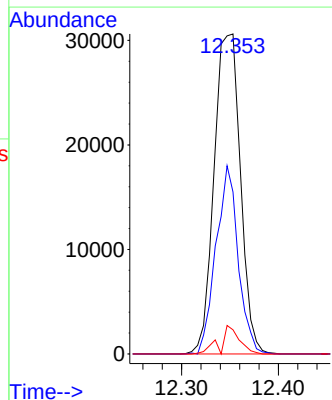
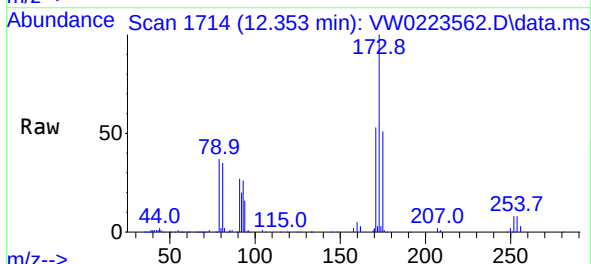
Tgt Ion:173 Resp: 57942

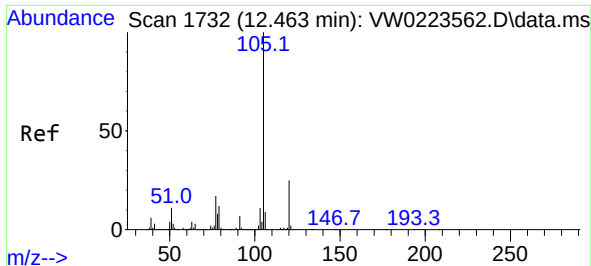
Ion Ratio Lower Upper

173 100

175 49.5 38.2 57.4

254 4.8 5.0 7.6#

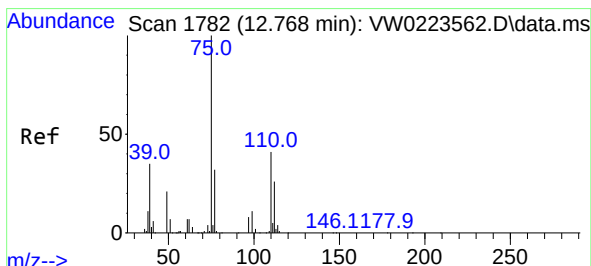
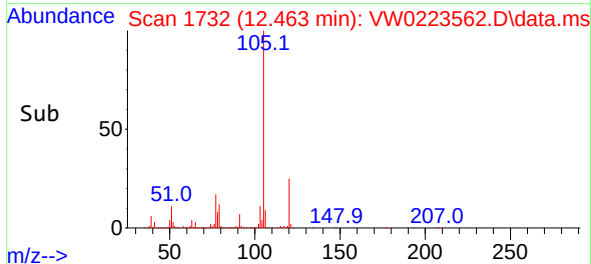
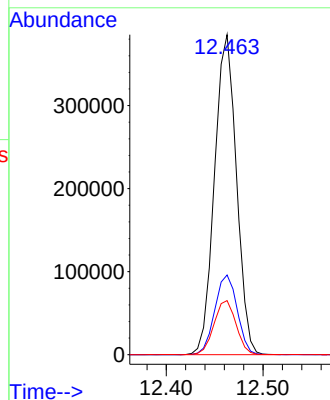
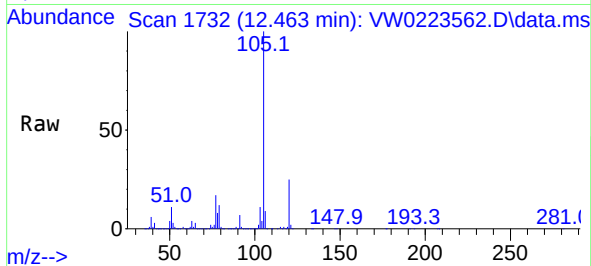




#60
Isopropylbenzene
Concen: 30.112 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

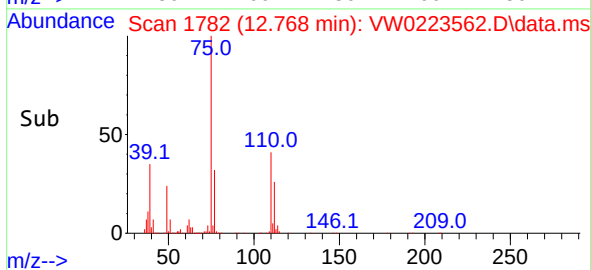
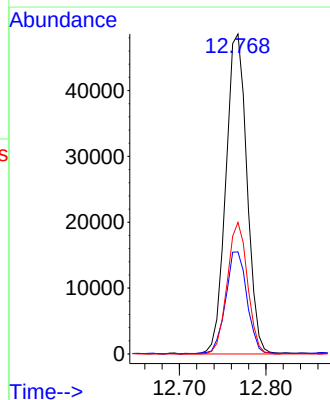
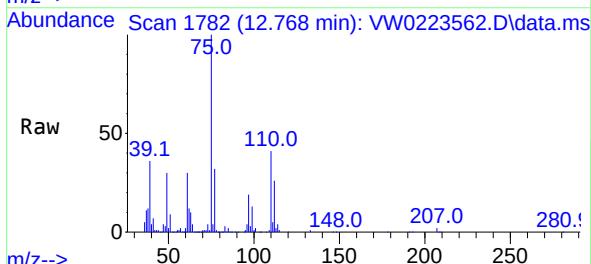
Instrument :
MSVOA_W
ClientSampleId :

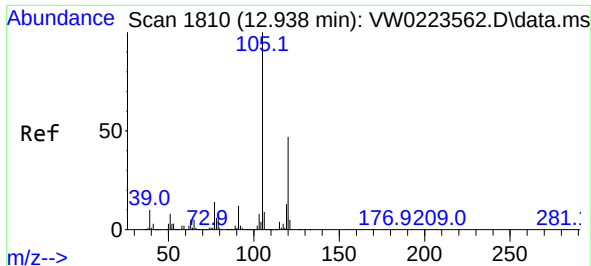
Tgt Ion:105 Resp: 606901
Ion Ratio Lower Upper
105 100
120 25.4 22.1 33.1
77 17.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 30.721 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion: 75 Resp: 82239
Ion Ratio Lower Upper
75 100
77 32.5 27.1 40.7
110 39.5 36.7 55.1

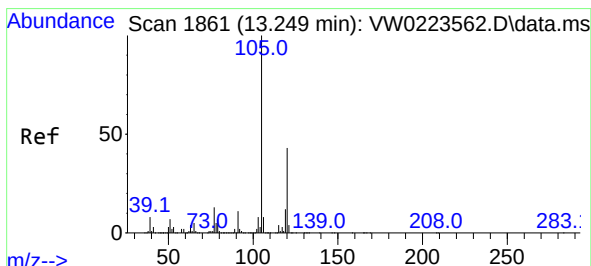
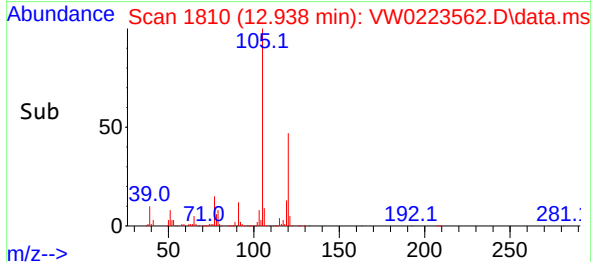
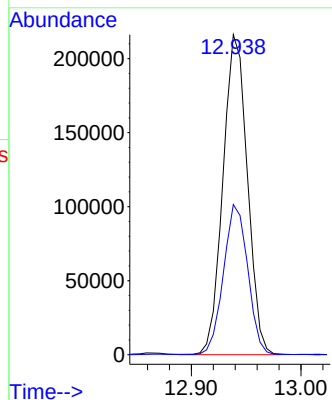
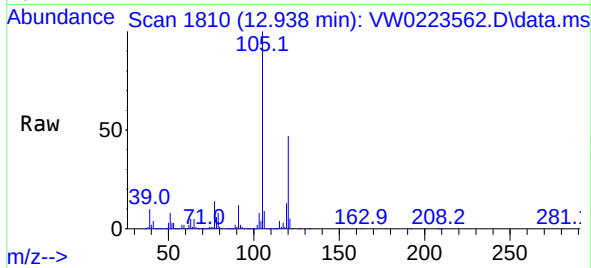




#62
 1,3,5-Trimethylbenzene
 Concen: 26.119 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
 Acq: 01 Apr 2022 12:13

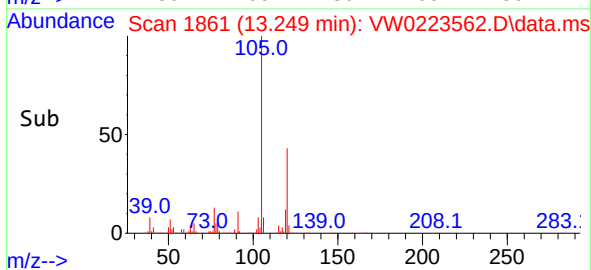
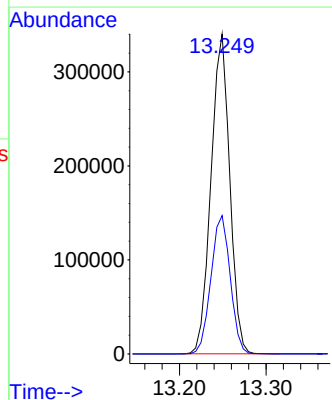
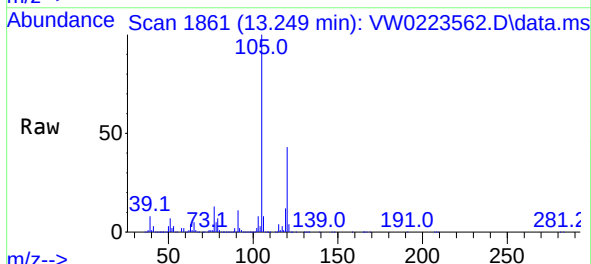
Instrument :
 MSVOA_W
 ClientSampleId :

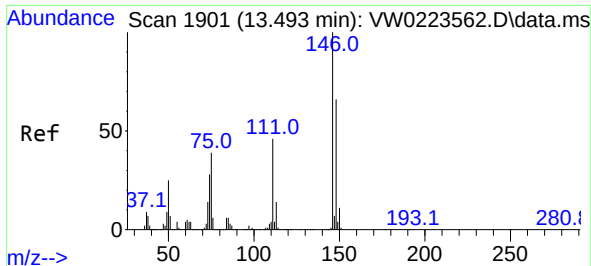
Tgt Ion:105 Resp: 334748
 Ion Ratio Lower Upper
 105 100
 120 46.7 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 31.029 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW0223562.D
 Acq: 01 Apr 2022 12:13

Tgt Ion:105 Resp: 511164
 Ion Ratio Lower Upper
 105 100
 120 44.5 39.2 58.8

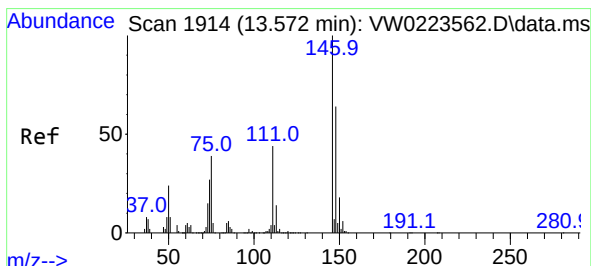
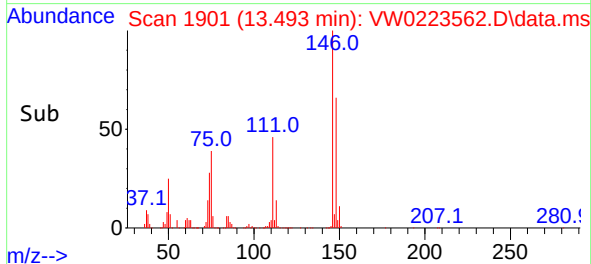
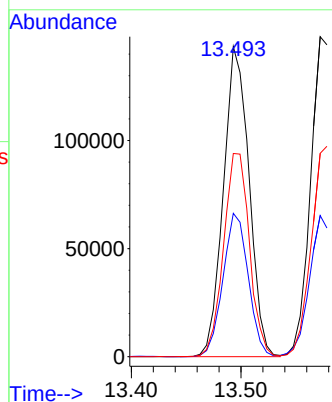
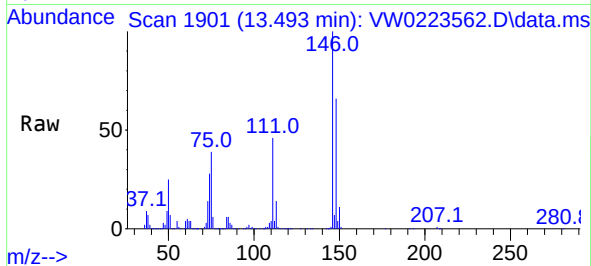




#64
1,3-Dichlorobenzene
Concen: 24.491 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

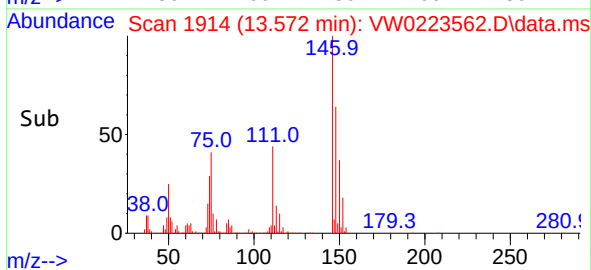
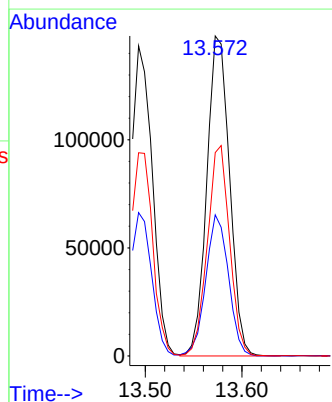
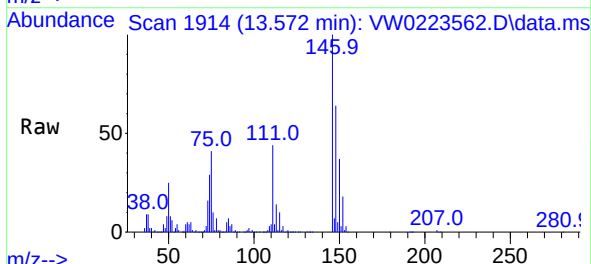
Instrument :
MSVOA_W
ClientSampleId :

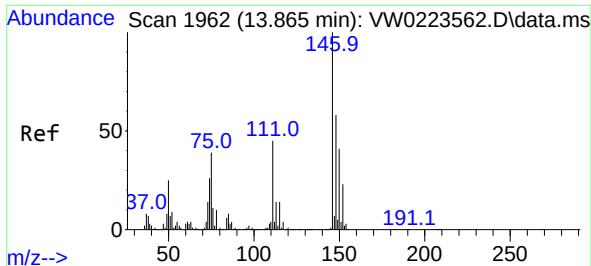
Tgt Ion:146 Resp: 233053
Ion Ratio Lower Upper
146 100
111 46.2 26.9 49.9
148 65.6 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 25.063 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion:146 Resp: 242876
Ion Ratio Lower Upper
146 100
111 44.1 27.5 51.1
148 63.6 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.652 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

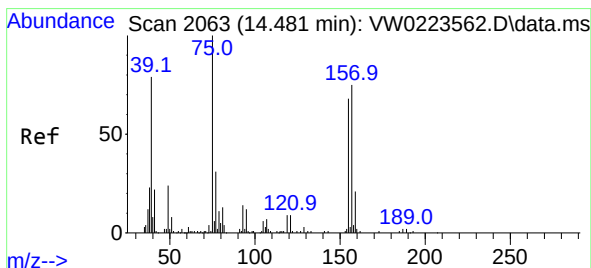
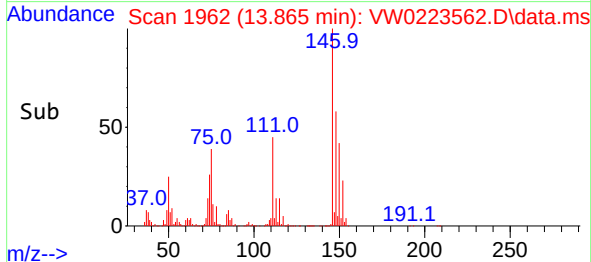
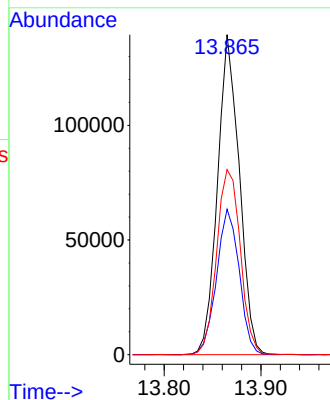
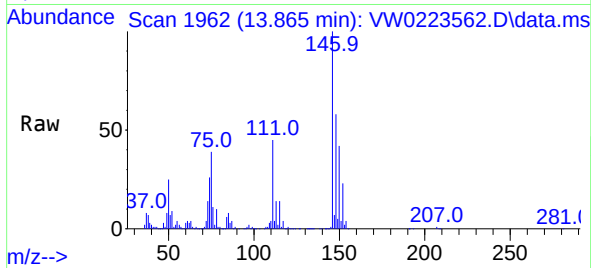
Tgt Ion:146 Resp: 218608

Ion Ratio Lower Upper

146 100

111 45.4 34.8 52.2

148 57.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 34.089 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

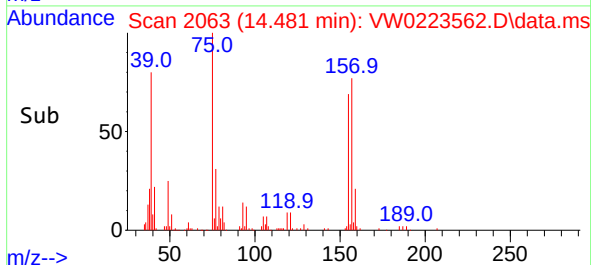
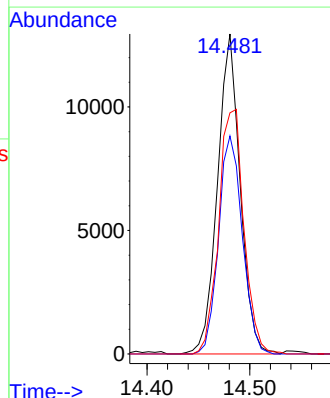
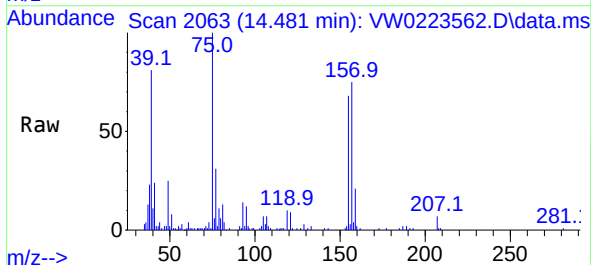
Tgt Ion: 75 Resp: 19832

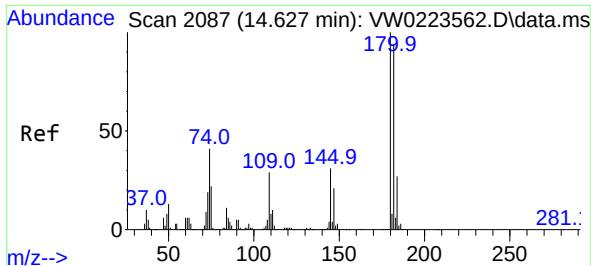
Ion Ratio Lower Upper

75 100

155 68.1 58.2 87.2

157 75.4 80.5 120.7#





#69

1,3,5-Trichlorobenzene

Concen: 23.478 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

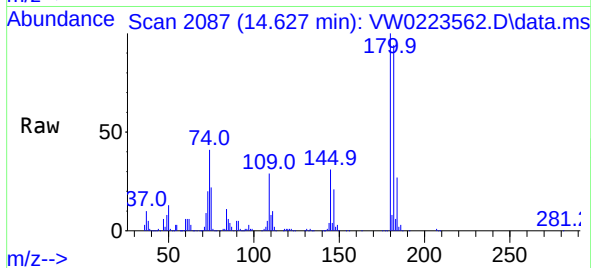
Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 157411

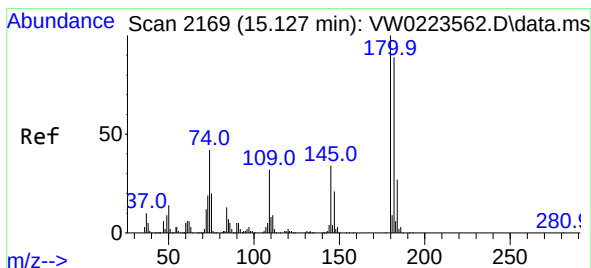
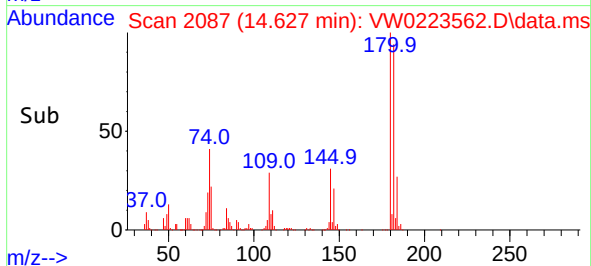
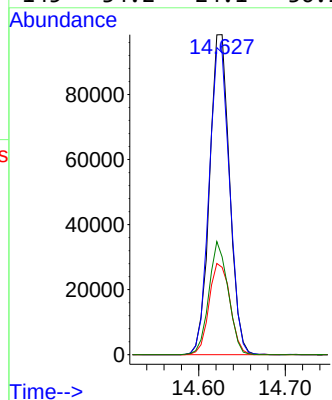
Ion Ratio Lower Upper

180 100

182 98.2 69.4 104.0

184 30.1 21.8 32.8

145 34.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 26.362 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW0223562.D

Acq: 01 Apr 2022 12:13

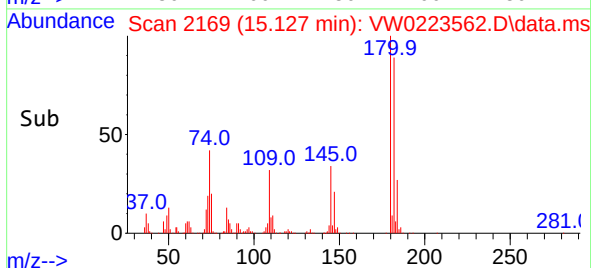
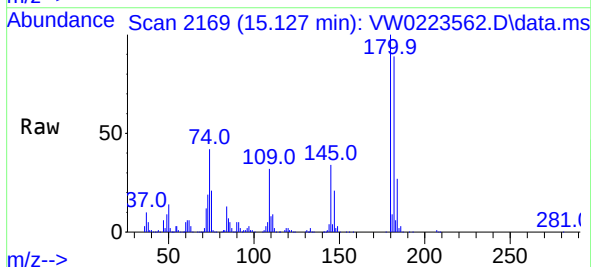
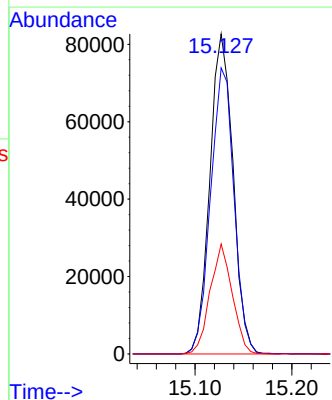
Tgt Ion:180 Resp: 137553

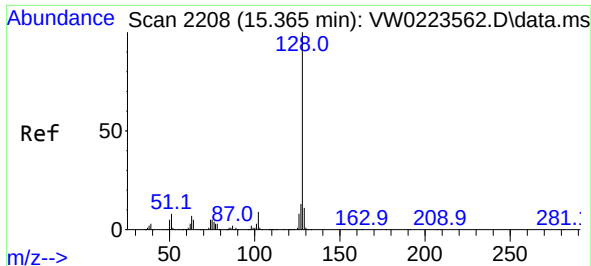
Ion Ratio Lower Upper

180 100

182 90.2 77.8 116.6

145 33.0 25.8 38.6

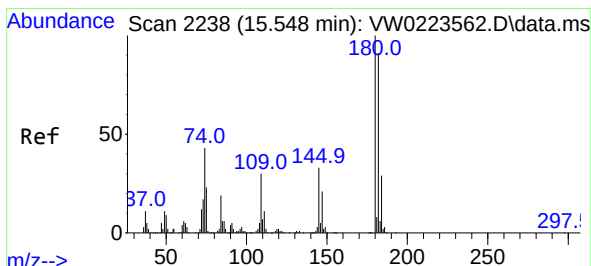
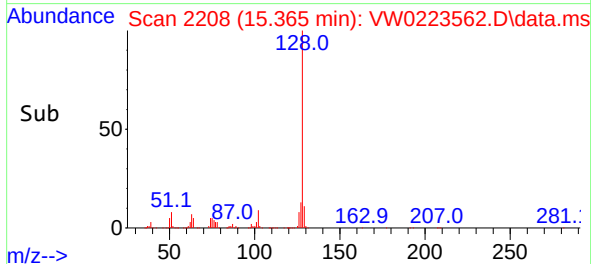
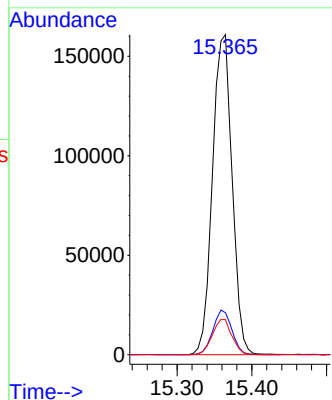
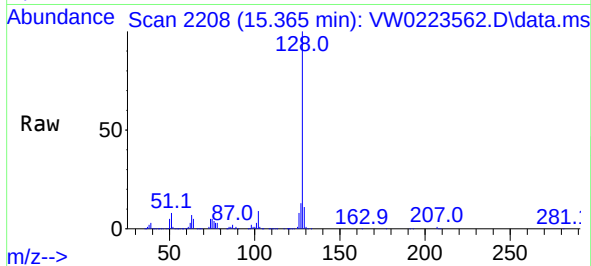




#71
Naphthalene
Concen: 30.917 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 294322
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.563 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW0223562.D
Acq: 01 Apr 2022 12:13

Tgt Ion:180 Resp: 115485
Ion Ratio Lower Upper
180 100
182 94.6 79.0 118.4
145 34.2 28.0 42.0

