

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040398.D
 Acq On : 20 Apr 2023 9:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 20 10:33:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1114483	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	2949252	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2787340	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2181239	9.463	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	2316594	11.529	ppbv	99
3) Chlorodifluoromethane	2.652	51	1436205	9.862	ppbv	97
4) Chloromethane	2.790	50	958160	10.415	ppbv	96
5) Vinyl Chloride	2.899	62	814797	10.730	ppbv	100
6) Bromomethane	3.099	94	240381	9.608	ppbv	100
7) Chloroethane	3.172	64	290793	10.113	ppbv	94
8) Dichlorotetrafluoroethane	2.835	85	1874441	9.545	ppbv	98
9) Propene	2.671	41	676684	11.762	ppbv	97
10) Heptane	7.561	43	1577886	12.068	ppbv	100
11) Trichlorofluoromethane	3.542	101	1780883	8.755	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1355138	9.525	ppbv	97
13) Ethanol	3.224	45	13533	2.818	ppbv #	1
14) Bromoethene	3.343	108	559021	9.609	ppbv	99
15) Acetone	3.446	43	1390506	8.809	ppbv	99
16) 1,3-Butadiene	2.964	39	731514	11.198	ppbv	99
17) tert-Butyl alcohol	3.854	59	1431963	9.879	ppbv	100
18) 1,1-Dichloroethene	3.857	96	623748	9.721	ppbv	94
19) Isopropyl Alcohol	3.555	45	730317	10.140	ppbv #	98
20) Methylene Chloride	3.912	84	532857	8.455	ppbv	92
21) Allyl Chloride	3.973	41	992422	11.065	ppbv	98
22) trans-1,2-Dichloroethene	4.423	96	655276	10.215	ppbv	97
23) Vinyl Acetate	4.607	43	442573	11.012	ppbv #	94
24) 1,1-Dichloroethane	4.542	63	1342311	10.036	ppbv	99
25) Ethyl Acetate	5.182	43	2906107	10.941	ppbv	99
26) Hexane	5.192	57	1259452	11.248	ppbv	95
27) Carbon Disulfide	4.102	76	1556108	10.738	ppbv	100
28) Methyl tert-Butyl Ether	4.565	73	1280080	11.074	ppbv	98
29) Chloroform	5.256	83	1925655	9.654	ppbv	99
30) Cyclohexane	6.581	84	1046778	12.070	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	1220268	10.995	ppbv	98
32) 1,1,1-Trichloroethane	5.983	97	1880974	9.705	ppbv	99
34) 2-Butanone	4.764	43	1536337	9.661	ppbv	98
35) Carbon Tetrachloride	6.471	117	1900074	9.152	ppbv	96
36) Benzene	6.352	78	2633364	10.944	ppbv	99
37) 1,2-Dichloroethane	5.787	62	1474824	9.331	ppbv	98
38) Trichloroethene	7.272	130	1518125	11.085	ppbv	95
39) 1,2-Dichloropropane	7.057	63	1009680	10.664	ppbv	95
40) 1,4-Dioxane	7.269	88	409119	11.283	ppbv #	96
41) Tetrahydrofuran	5.536	42	1035542	11.890	ppbv	98
42) Bromodichloromethane	7.233	83	2078939	9.632	ppbv	99
43) Methyl Methacrylate	7.459	69	1049291	11.741	ppbv	99
44) 2,2,4-Trimethylpentane	7.307	57	4335277	10.787	ppbv	97
45) t-1,3-Dichloropropene	8.696	75	971571	12.170	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040398.D
 Acq On : 20 Apr 2023 9:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 20 10:33:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

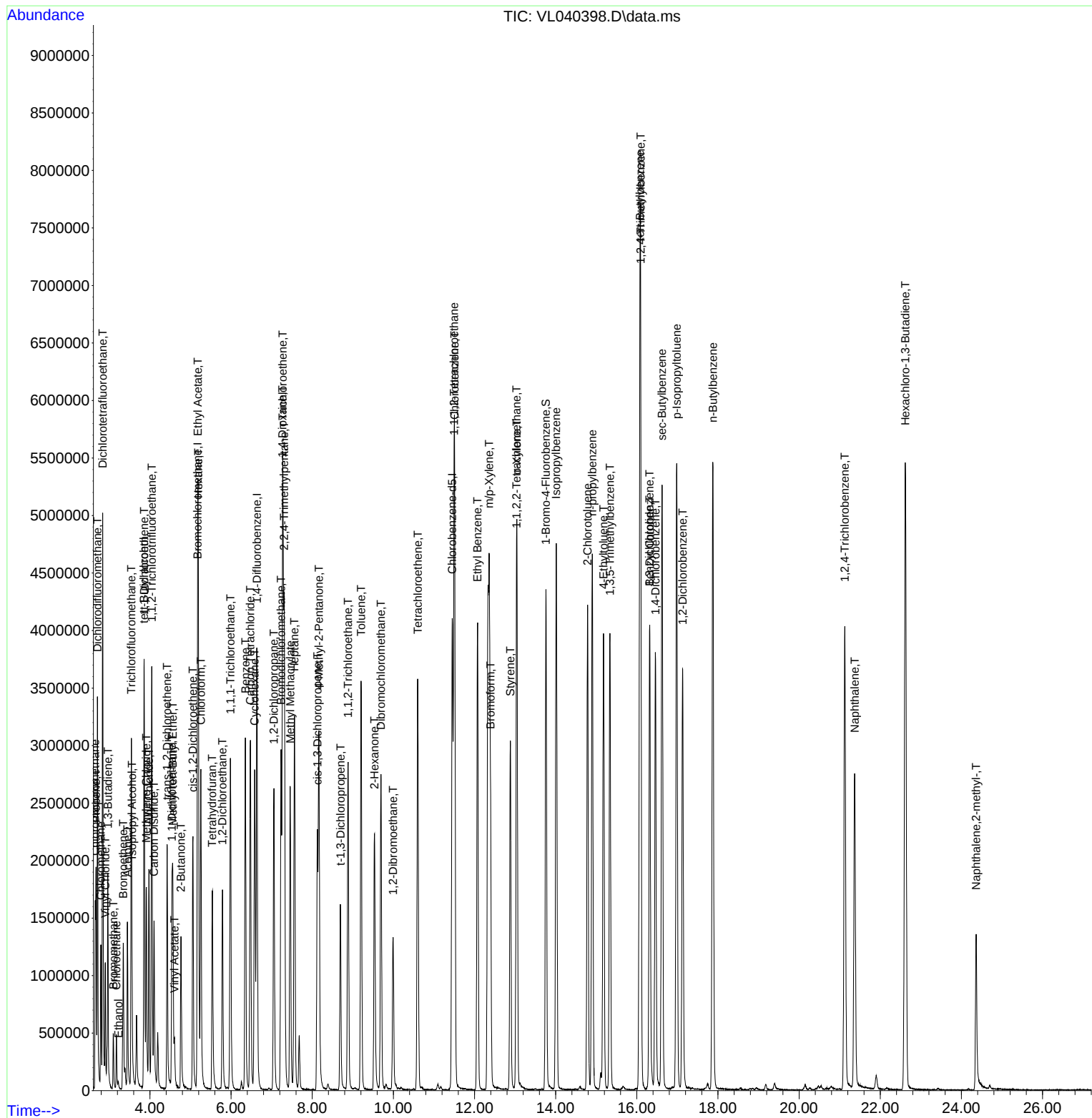
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1318645	11.867	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	1045848	10.075	ppbv	98
48) Dibromochloromethane	9.693	129	1693756	10.131	ppbv	100
49) Bromoform	12.394	173	1339529	10.273	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2641269	10.954	ppbv	98
51) 2-Hexanone	9.532	43	2093594	11.750	ppbv #	97
52) Tetrachloroethene	10.600	164	885966	11.771	ppbv	96
53) Toluene	9.204	91	2962480	11.613	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1143173	10.862	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	1226373	9.639	ppbv	95
57) Chlorobenzene	11.510	112	2208760	10.121	ppbv	97
58) Ethyl Benzene	12.072	91	3894023	11.357	ppbv	96
59) m/p-Xylene	12.359	91	3501651	11.105	ppbv #	37
60) o-Xylene	13.044	91	3086647	10.200	ppbv	97
61) Styrene	12.883	104	1878550	12.392	ppbv	97
62) Isopropylbenzene	14.015	105	4376509	10.042	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.034	83	966355	8.726	ppbv	100
64) n-propylbenzene	14.905	120	1168397	10.896	ppbv	89
65) tert-Butylbenzene	16.076	119	3880057	10.119	ppbv	96
66) Benzyl Chloride	16.313	91	248968	10.487	ppbv	99
67) sec-Butylbenzene	16.622	105	5475780	9.942	ppbv	98
69) p-Isopropyltoluene	16.982	119	4574422	10.637	ppbv	97
70) n-Butylbenzene	17.876	91	4931832	10.345	ppbv	99
71) 2-Chlorotoluene	14.789	91	3367968	10.066	ppbv	97
72) 4-Ethyltoluene	15.178	105	3572840	10.695	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	3219130	10.431	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	3454956	9.795	ppbv	95
75) 1,3-Dichlorobenzene	16.313	146	1994630	10.324	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1944782	10.188	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1959517	10.257	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1646618	10.751	ppbv	99
79) Naphthalene	21.371	128	3540960	14.872	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	959276	13.535	ppbv	94
81) 1,2,4-Trichlorobenzene	21.127	180	1817641	12.423	ppbv	99

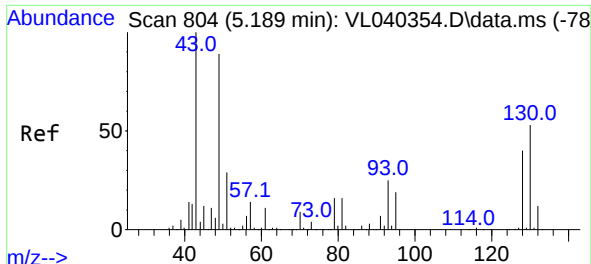
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\  
Data File : VL040398.D  
Acq On    : 20 Apr 2023    9:50  
Operator  : SY/MD  
Sample    : VSTDCCC010  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1    Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :

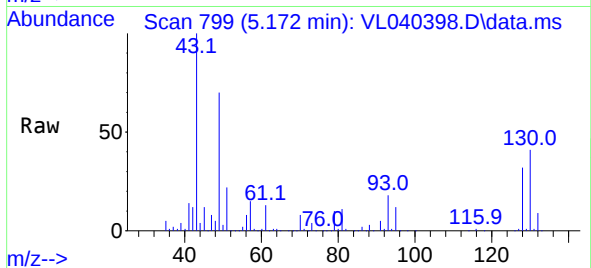
Quant Time: Apr 20 10:33:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration



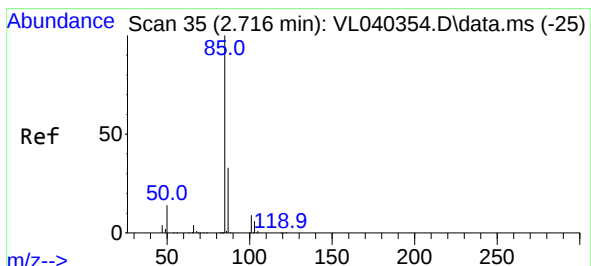
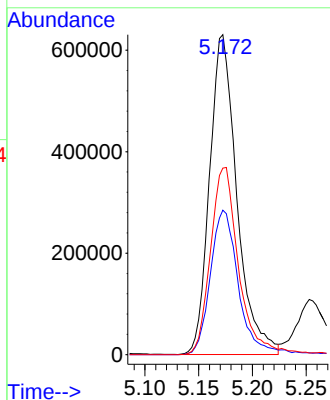
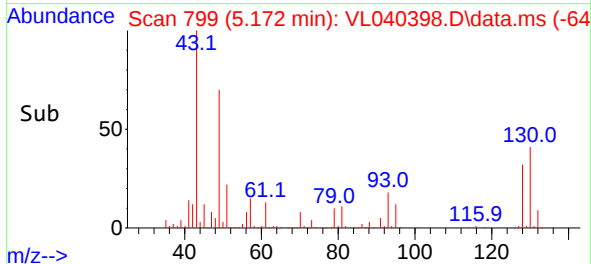


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.017 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :

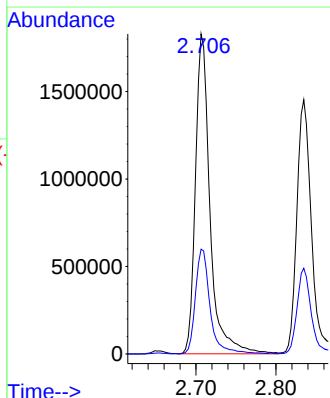
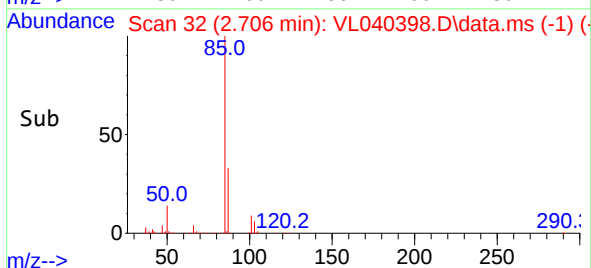
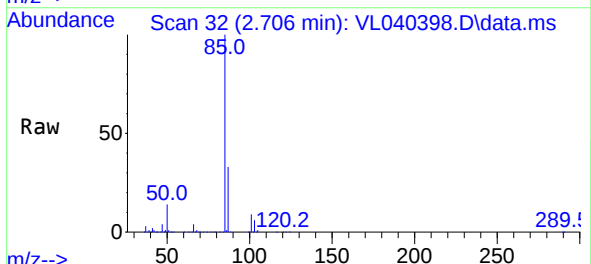


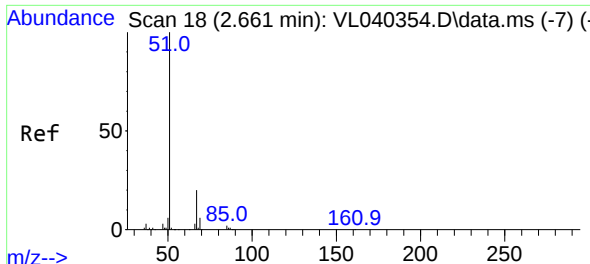
Tgt Ion: 49 Resp: 1114483
Ion Ratio Lower Upper
49 100
128 47.5 23.7 71.1
130 61.8 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 11.529 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 85 Resp: 2316594
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0

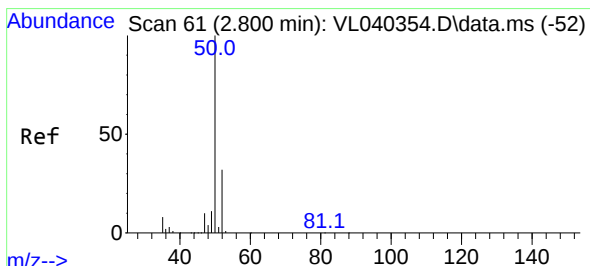
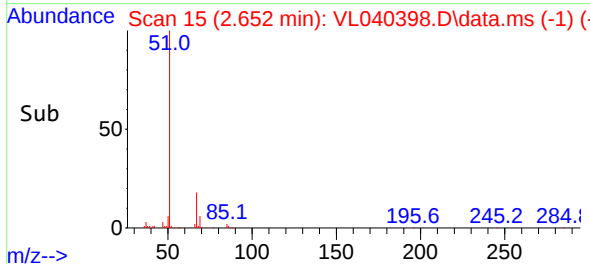
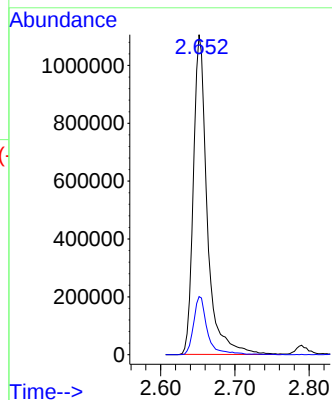
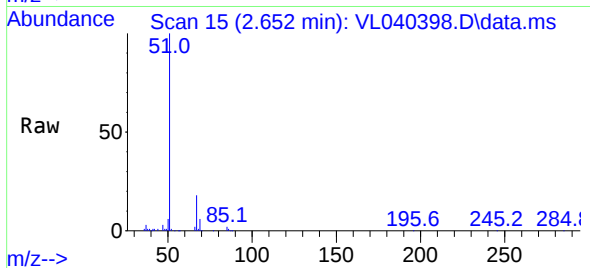




#3
Chlorodifluoromethane
Concen: 9.862 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

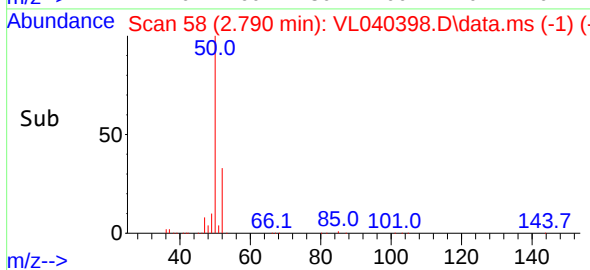
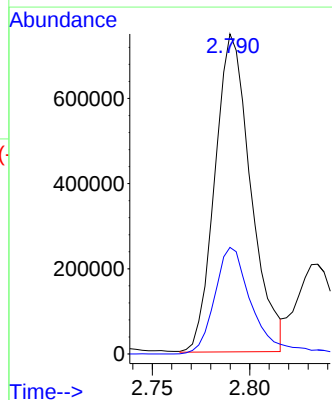
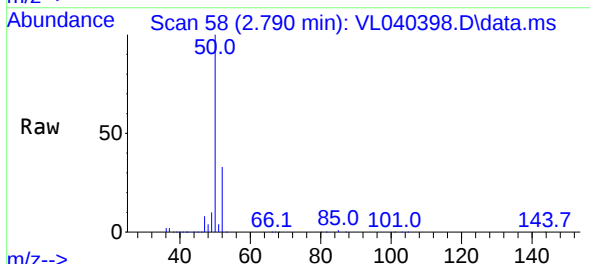
Instrument :
MSVOA_L
ClientSampleId :

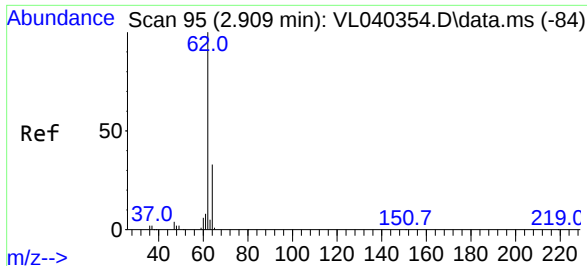
Tgt Ion: 51 Resp: 1436205
Ion Ratio Lower Upper
51 100
67 18.2 15.5 23.3



#4
Chloromethane
Concen: 10.415 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 50 Resp: 958160
Ion Ratio Lower Upper
50 100
52 33.6 25.3 37.9

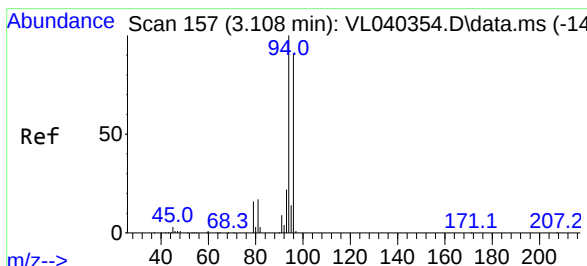
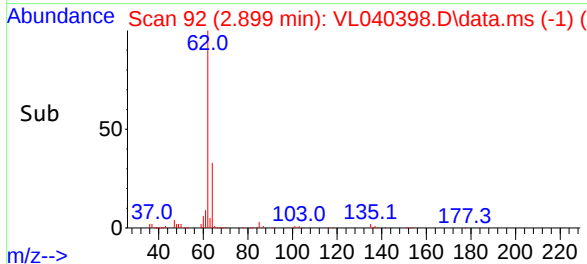
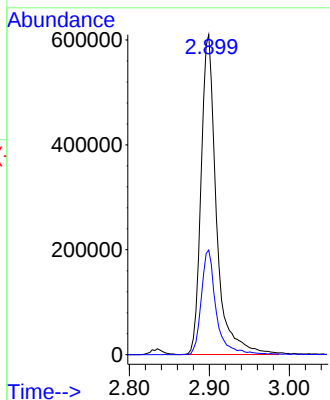
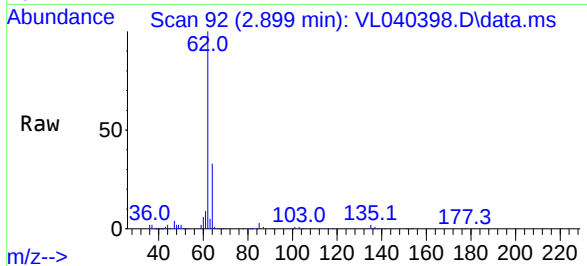




#5
 Vinyl Chloride
 Concen: 10.730 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

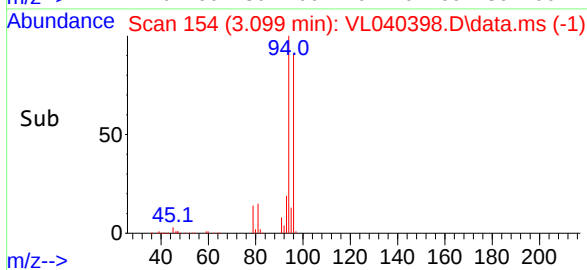
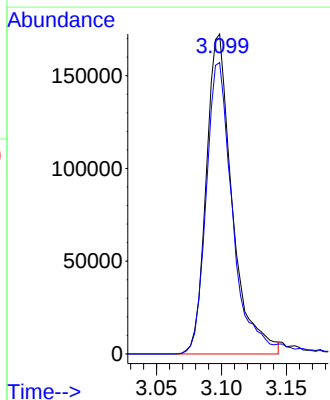
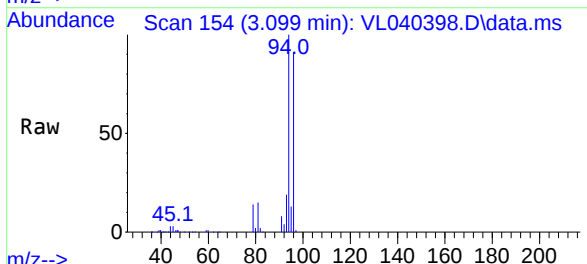
Instrument :
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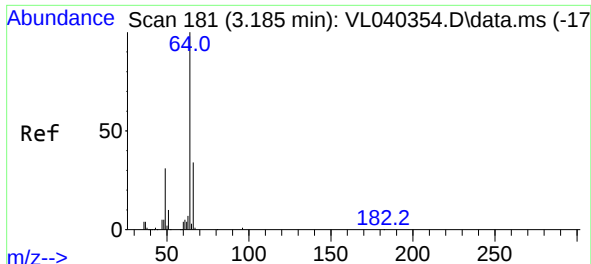
Tgt Ion: 62 Resp: 814797
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.3 39.5



#6
 Bromomethane
 Concen: 9.608 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.009 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

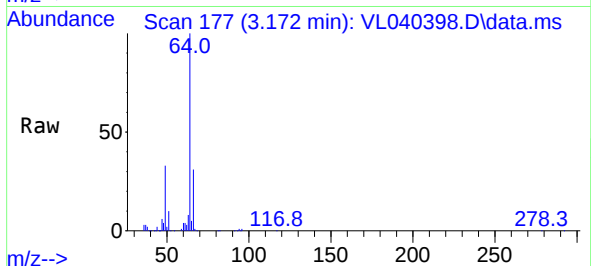
Tgt Ion: 94 Resp: 240381
 Ion Ratio Lower Upper
 94 100
 96 90.9 72.6 108.8



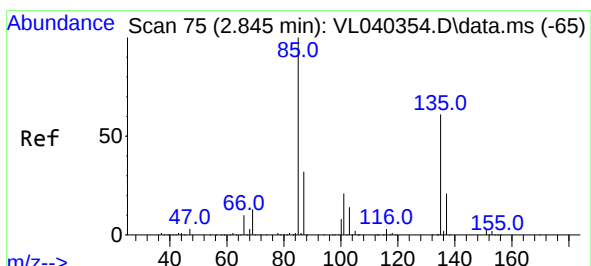
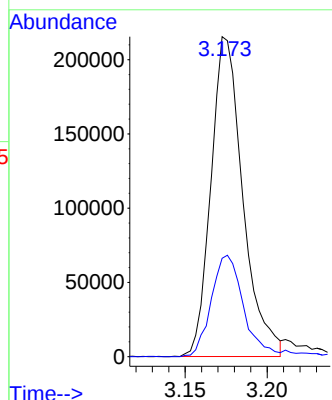
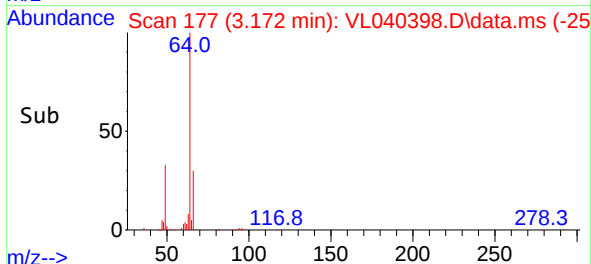


#7
Chloroethane
Concen: 10.113 ppbv
RT: 3.172 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :

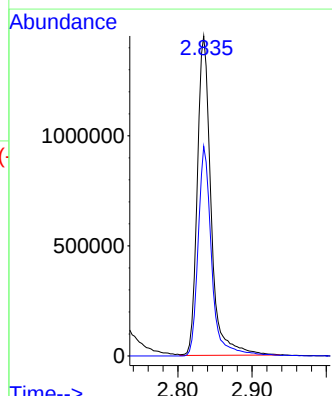
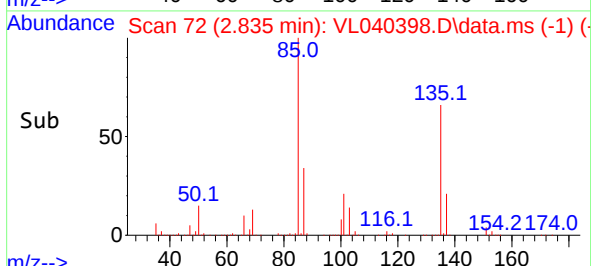
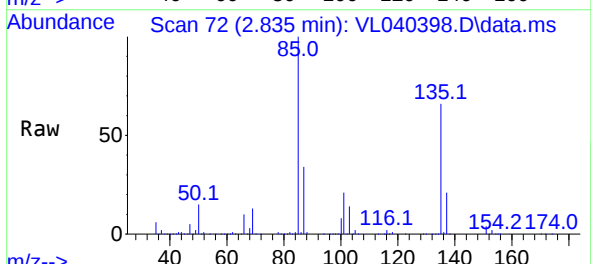


Tgt Ion: 64 Resp: 290793
Ion Ratio Lower Upper
64 100
66 30.8 27.5 41.3

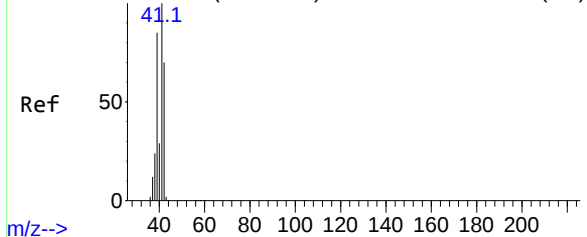


#8
Dichlorotetrafluoroethane
Concen: 9.545 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 85 Resp: 1874441
Ion Ratio Lower Upper
85 100
135 65.0 50.7 76.1



Abundance Scan 24 (2.681 min): VL040354.D\data.ms (-15)



#9

Propene

Concen: 11.762 ppbv

RT: 2.671 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

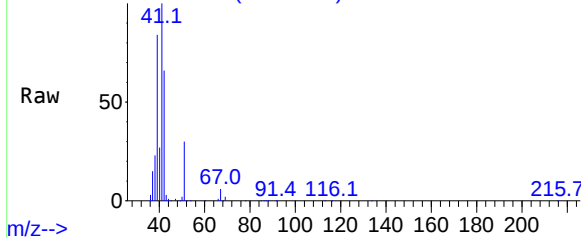
Tgt Ion: 41 Resp: 676684

Ion Ratio Lower Upper

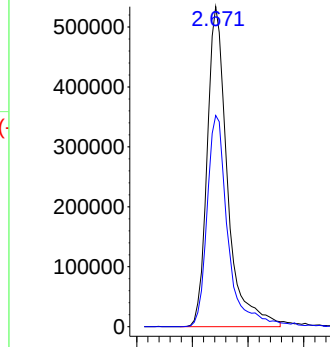
41 100

42 68.4 56.5 84.7

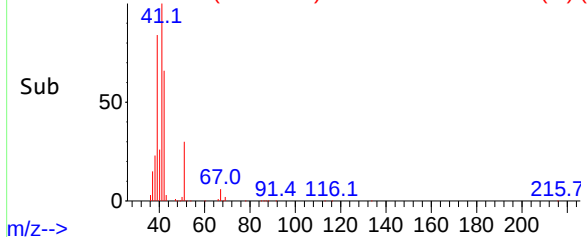
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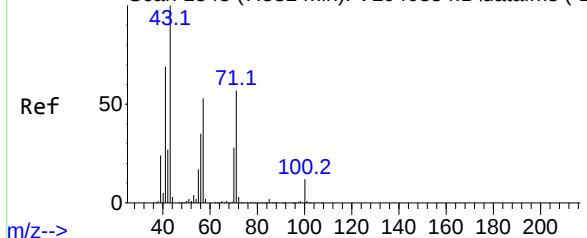
Abundance



Abundance Scan 21 (2.671 min): VL040398.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040354.D\data.ms (-1)



#10

Heptane

Concen: 12.068 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.020 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

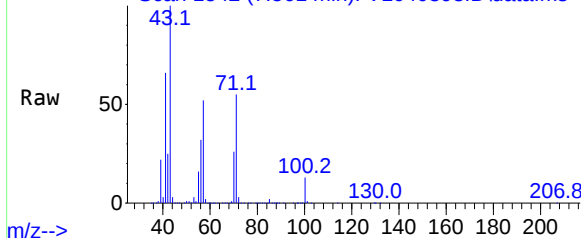
Tgt Ion: 43 Resp: 1577886

Ion Ratio Lower Upper

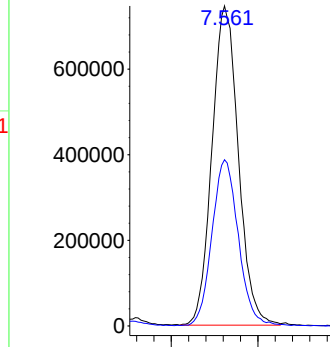
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57 52.5 42.2 63.4

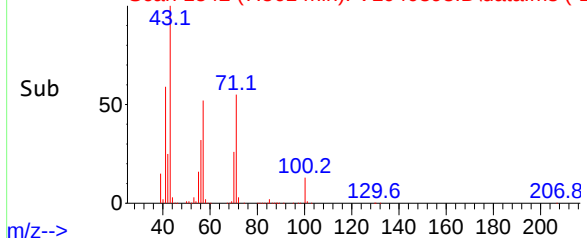
Abundance Scan 1542 (7.561 min): VL040398.D\data.ms

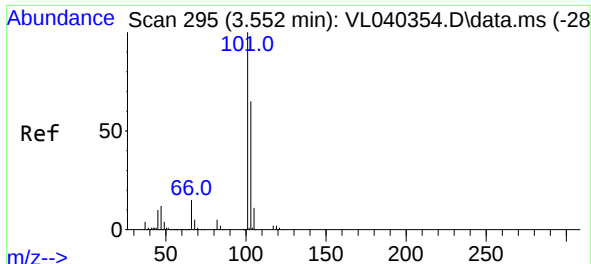


Abundance



Abundance Scan 1542 (7.561 min): VL040398.D\data.ms (-1)

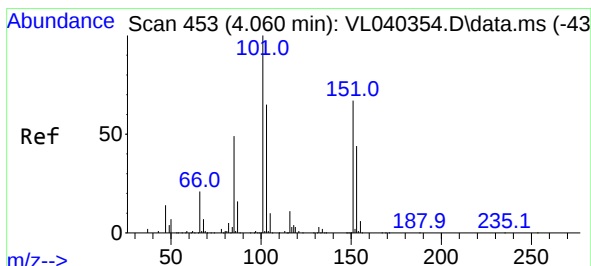
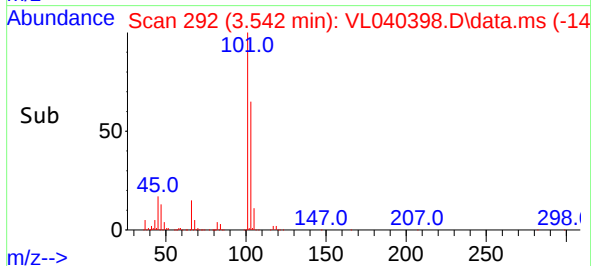
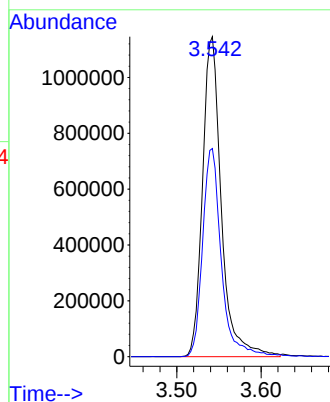
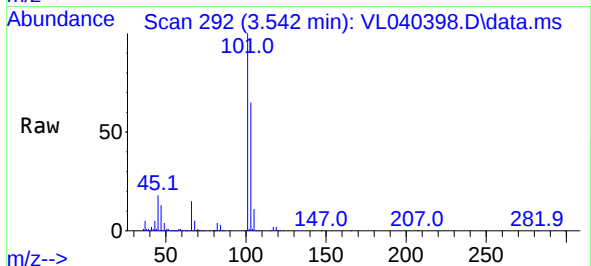




#11
 Trichlorofluoromethane
 Concen: 8.755 ppbv
 RT: 3.542 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

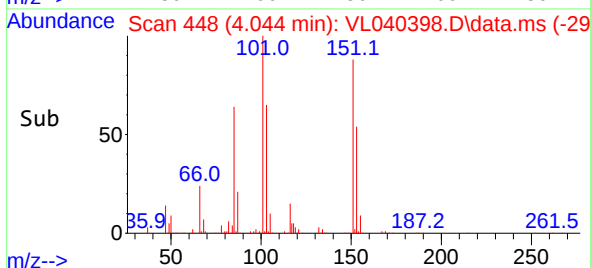
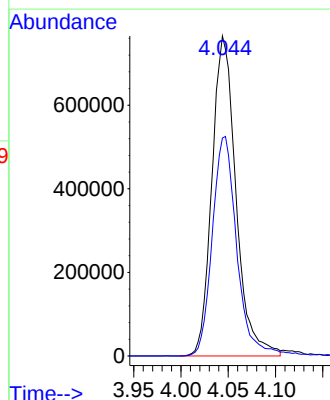
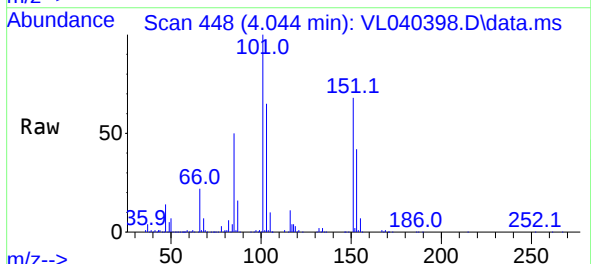
Instrument :
 MSVOA_L
 ClientSampleId :

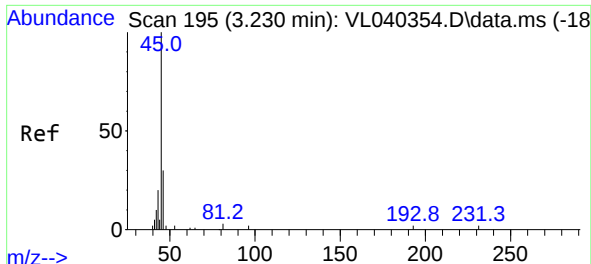
Tgt Ion:101 Resp: 1780883
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.525 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion:101 Resp: 1355138
 Ion Ratio Lower Upper
 101 100
 151 70.5 54.7 82.1





#13

Ethanol

Concen: 2.818 ppbv

RT: 3.224 min Scan# 19

Delta R.T. -0.006 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

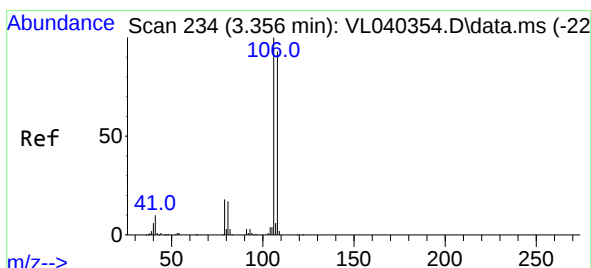
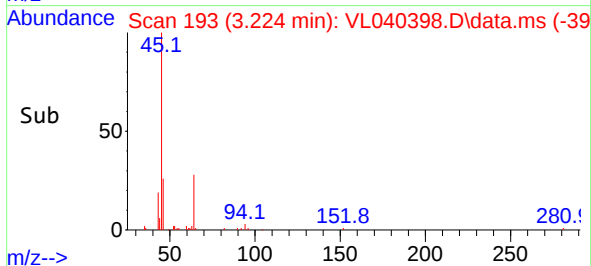
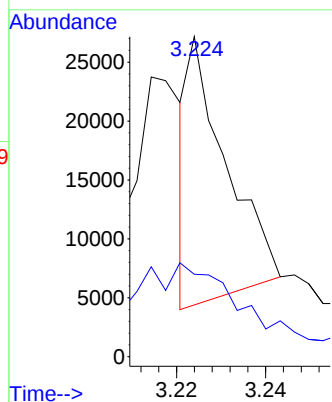
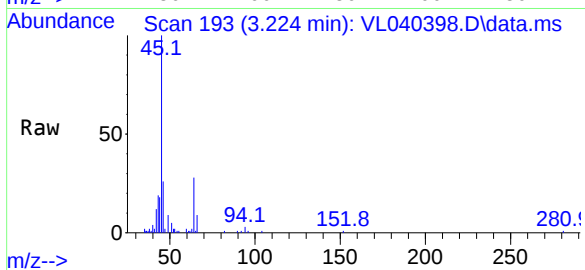
ClientSampleId :

Tgt Ion: 45 Resp: 13533

Ion Ratio Lower Upper

45 100

46 128.6 15.3 61.3#



#14

Bromoethene

Concen: 9.609 ppbv

RT: 3.343 min Scan# 230

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

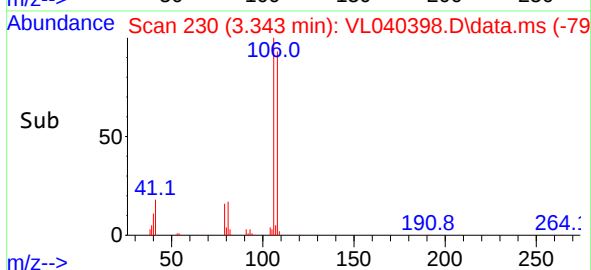
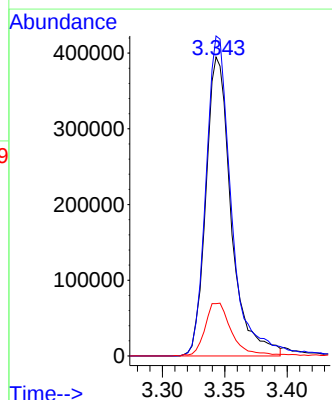
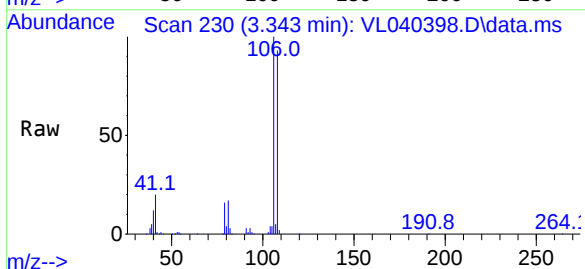
Tgt Ion: 108 Resp: 559021

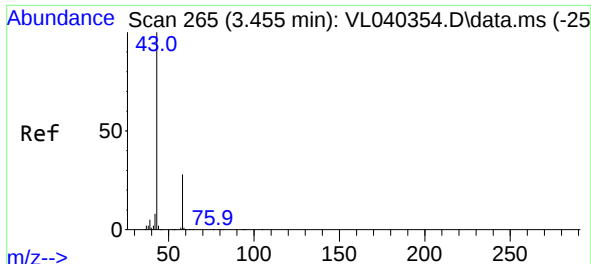
Ion Ratio Lower Upper

108 100

106 109.4 88.3 132.5

79 19.0 16.1 24.1

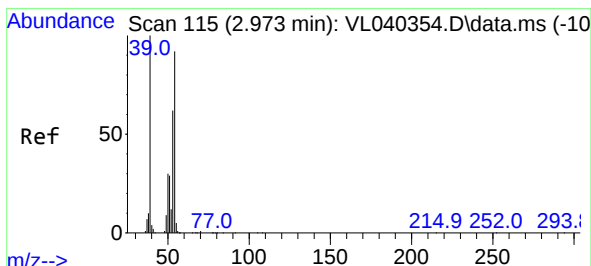
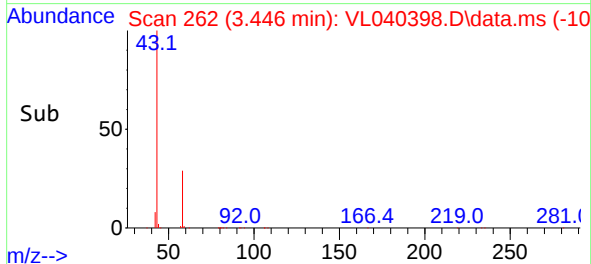
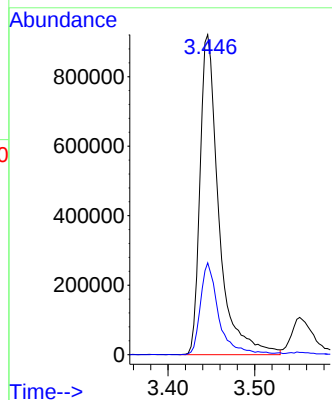
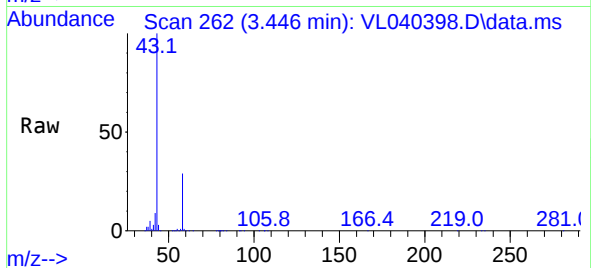




#15
Acetone
Concen: 8.809 ppbv
RT: 3.446 min Scan# 20
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

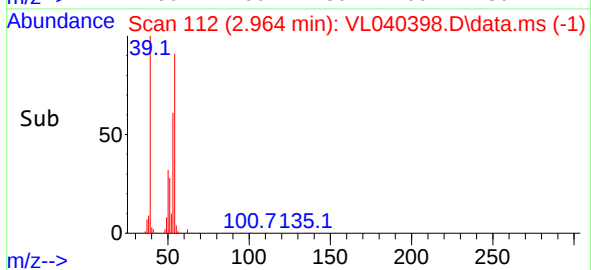
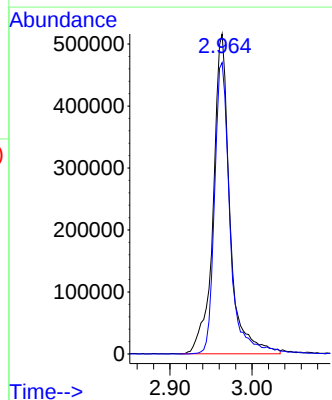
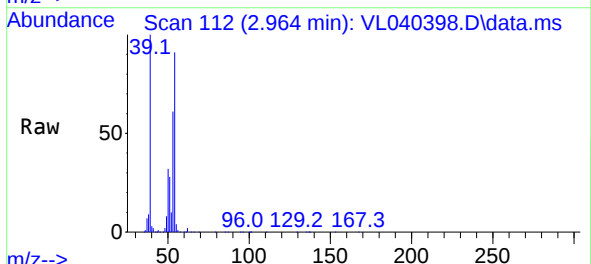
Instrument :
MSVOA_L
ClientSampleId :

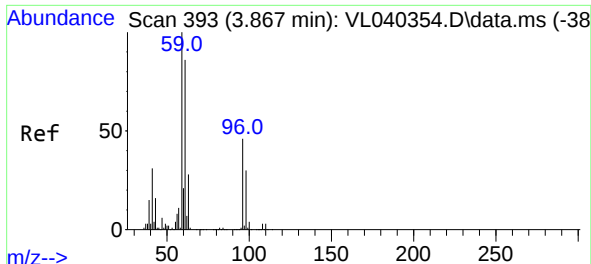
Tgt Ion: 43 Resp: 1390506
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2



#16
1,3-Butadiene
Concen: 11.198 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 39 Resp: 731514
Ion Ratio Lower Upper
39 100
54 85.2 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.879 ppbv

RT: 3.854 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

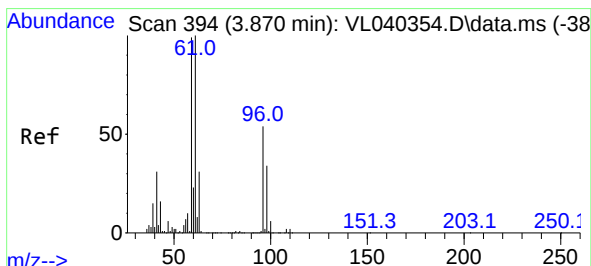
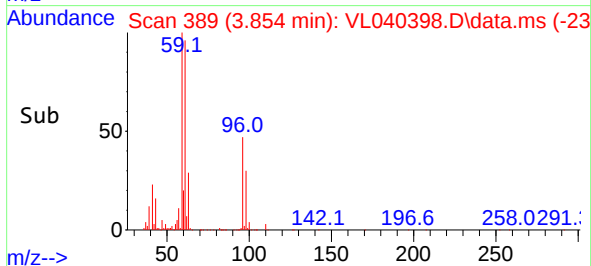
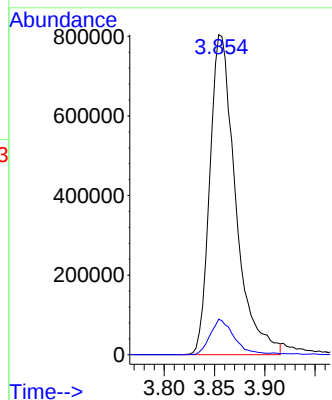
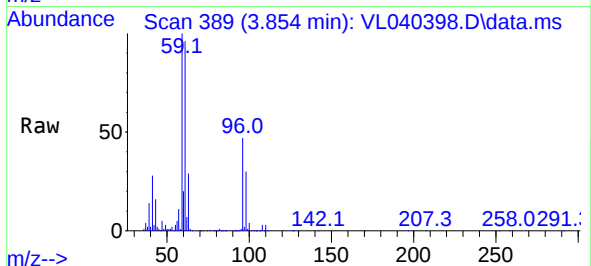
ClientSampleId :

Tgt Ion: 59 Resp: 1431963

Ion Ratio Lower Upper

59 100

57 10.8 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.721 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

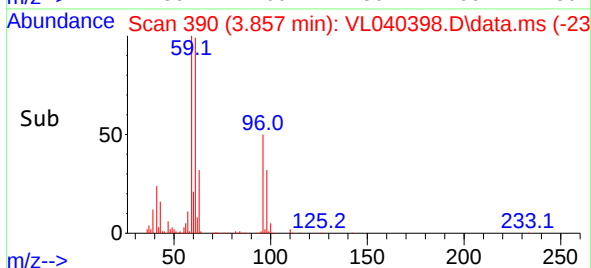
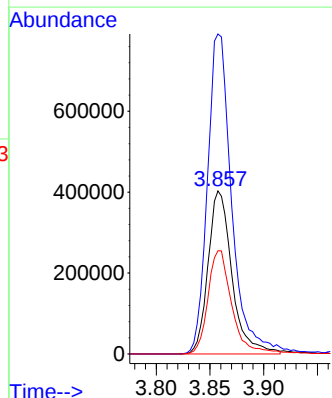
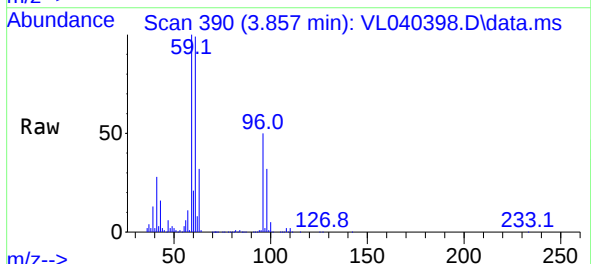
Tgt Ion: 96 Resp: 623748

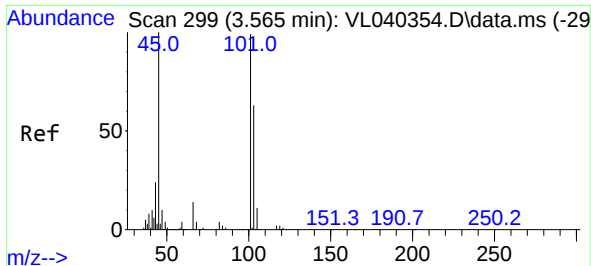
Ion Ratio Lower Upper

96 100

61 196.2 148.3 222.5

98 63.3 49.8 74.8

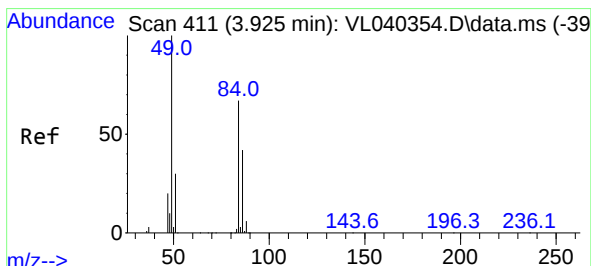
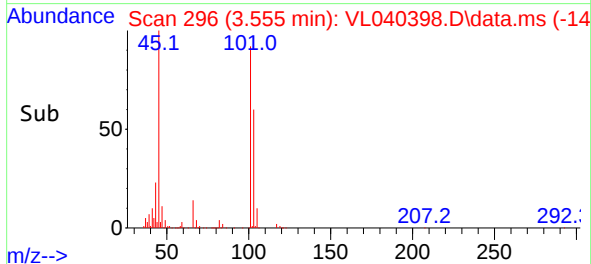
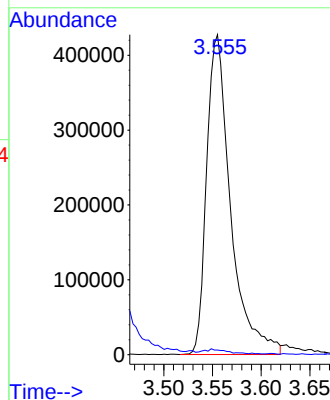
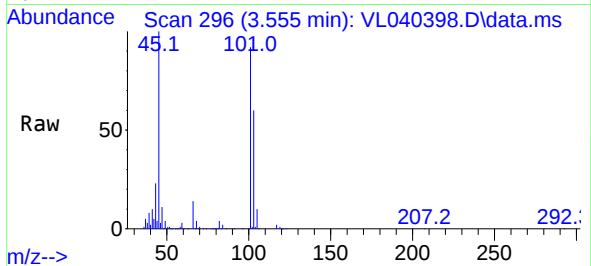




#19
Isopropyl Alcohol
Concen: 10.140 ppbv
RT: 3.555 min Scan# 29
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

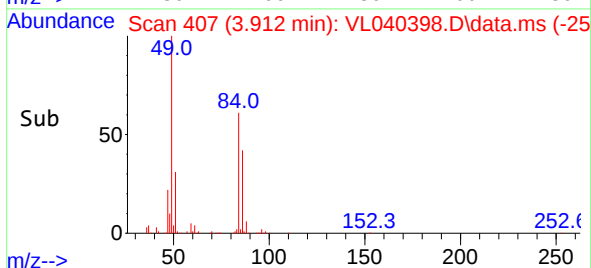
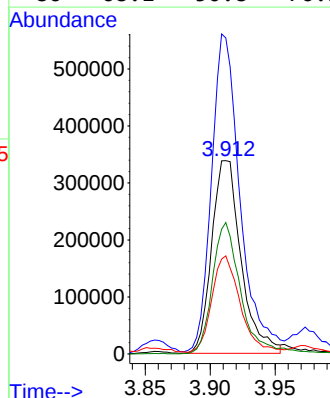
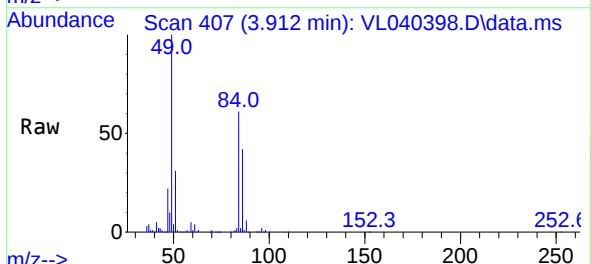
Instrument :
MSVOA_L
ClientSampleId :

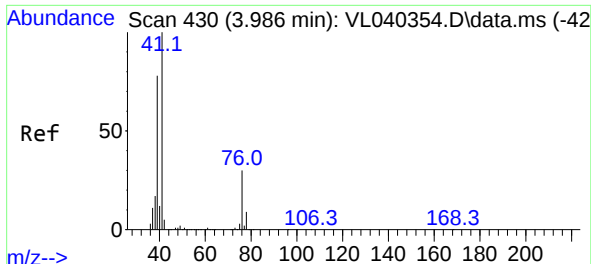
Tgt Ion: 45 Resp: 730317
Ion Ratio Lower Upper
45 100
58 2.6 2.6 4.0#



#20
Methylene Chloride
Concen: 8.455 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 84 Resp: 532857
Ion Ratio Lower Upper
84 100
49 162.8 120.1 180.1
51 49.7 36.3 54.5
86 68.1 50.8 76.2





#21

Allyl Chloride

Concen: 11.065 ppbv

RT: 3.973 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

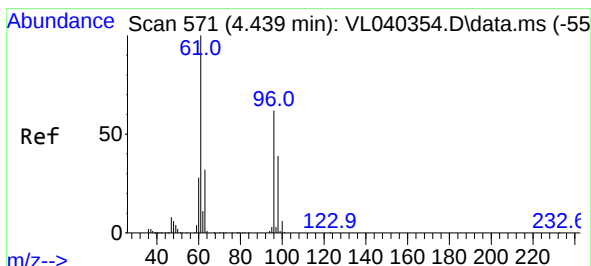
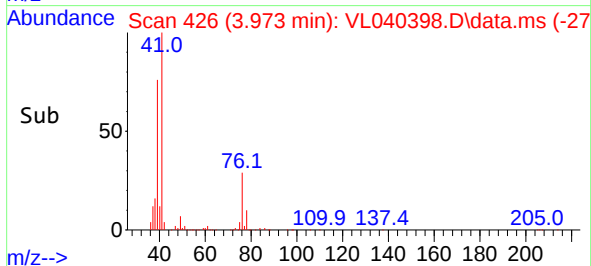
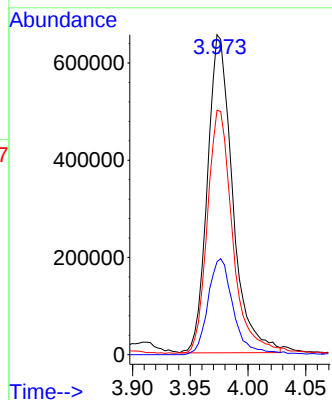
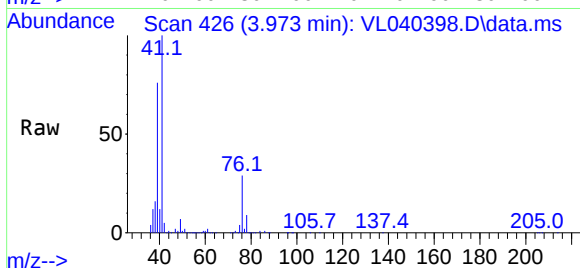
Tgt Ion: 41 Resp: 992422

Ion Ratio Lower Upper

41 100

76 30.8 25.5 38.3

39 77.9 64.0 96.0



#22

trans-1,2-Dichloroethene

Concen: 10.215 ppbv

RT: 4.423 min Scan# 566

Delta R.T. -0.016 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

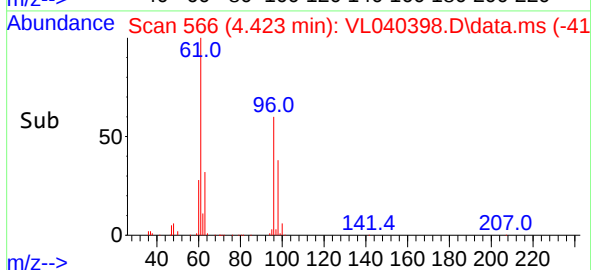
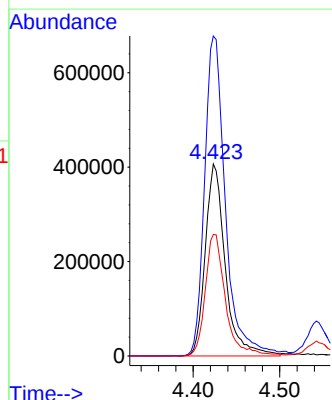
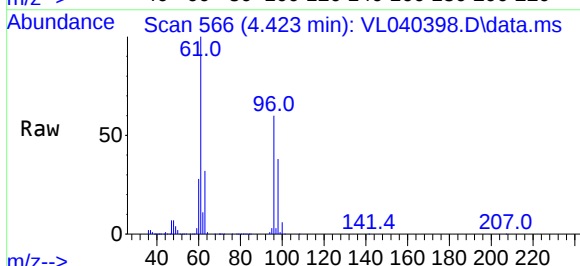
Tgt Ion: 96 Resp: 655276

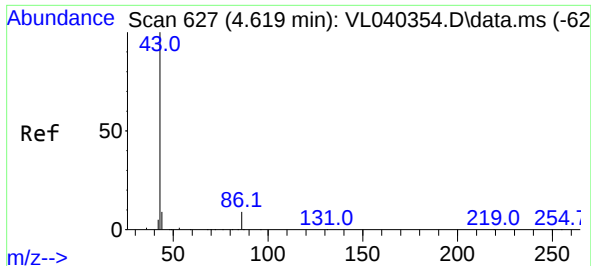
Ion Ratio Lower Upper

96 100

61 166.7 129.4 194.2

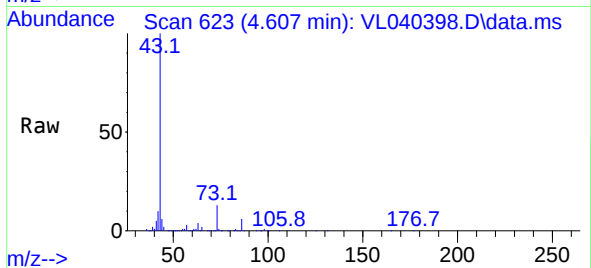
98 63.3 51.0 76.4





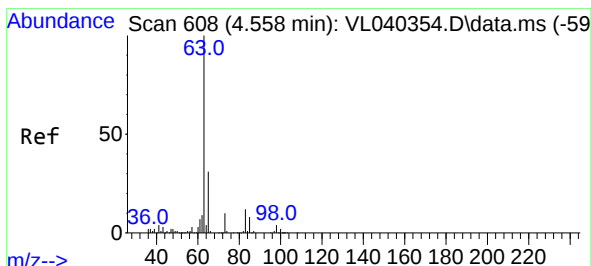
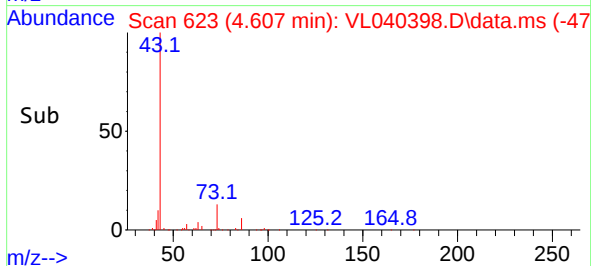
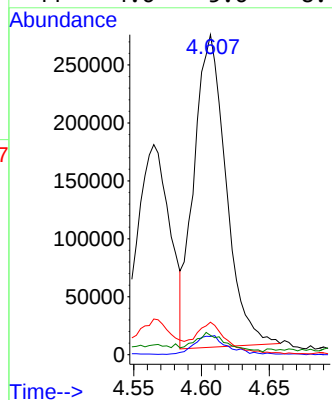
#23
 Vinyl Acetate
 Concen: 11.012 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 442573

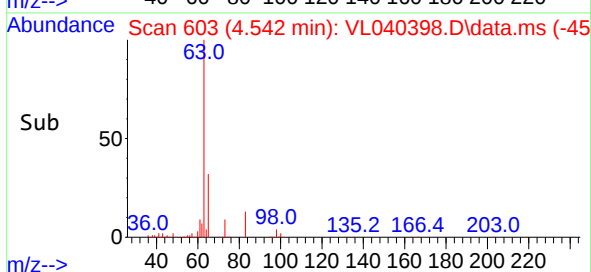
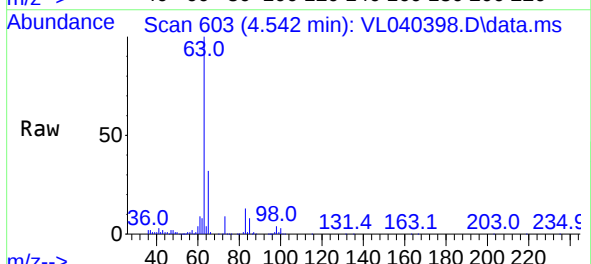
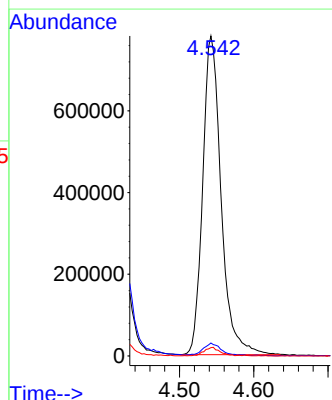
Ion	Ratio	Lower	Upper
43	100		
86	5.7	6.0	9.0#
42	9.9	6.4	9.6#
44	4.6	5.6	8.4#

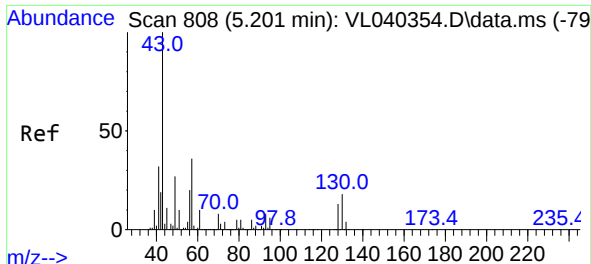


#24
 1,1-Dichloroethane
 Concen: 10.036 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion: 63 Resp: 1342311

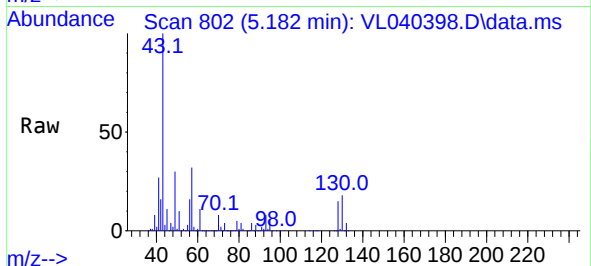
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.2
100	2.6	1.2	3.6





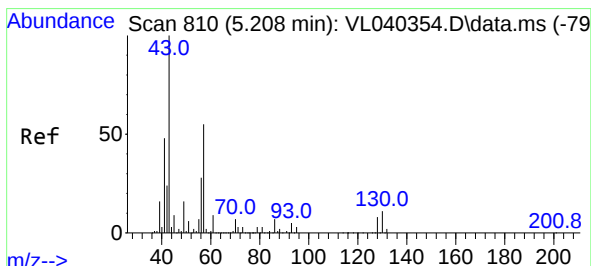
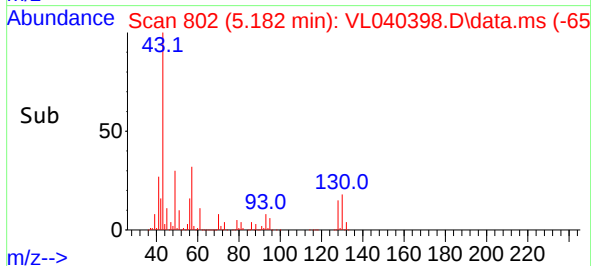
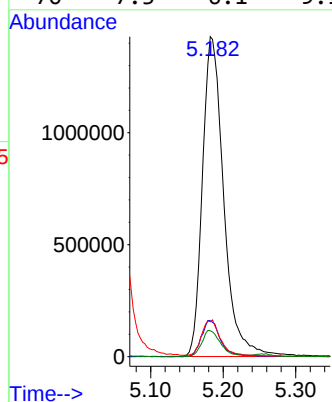
#25
Ethyl Acetate
Concen: 10.941 ppbv
RT: 5.182 min Scan# 805
Delta R.T. -0.019 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2906107

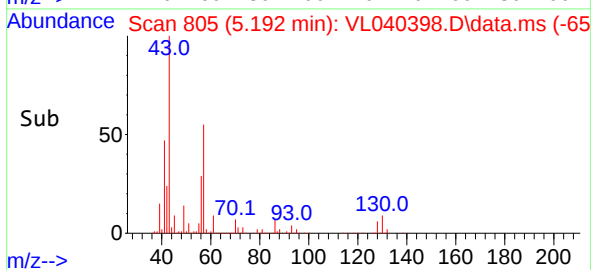
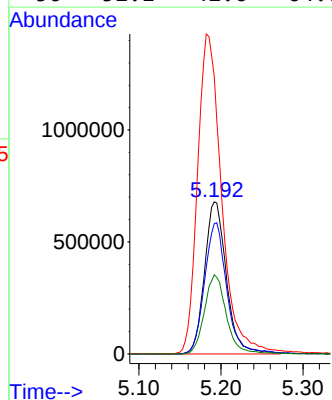
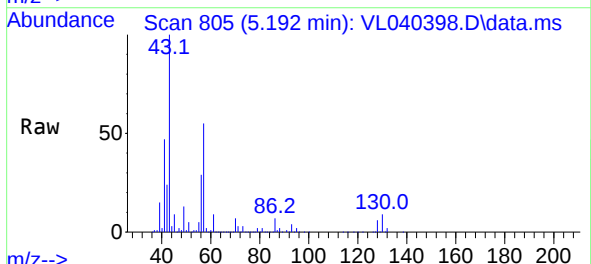
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.9	8.5	12.7
70	7.3	6.1	9.1

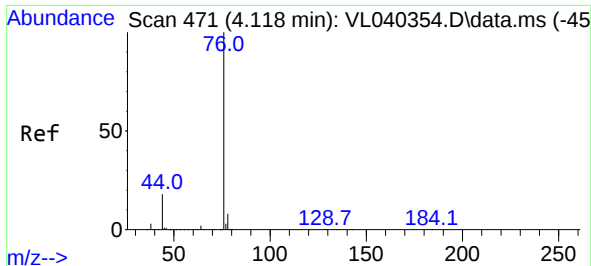


#26
Hexane
Concen: 11.248 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 57 Resp: 1259452

Ion	Ratio	Lower	Upper
57	100		
41	88.4	74.8	112.2
43	232.6	192.7	289.1
56	52.1	42.6	64.0

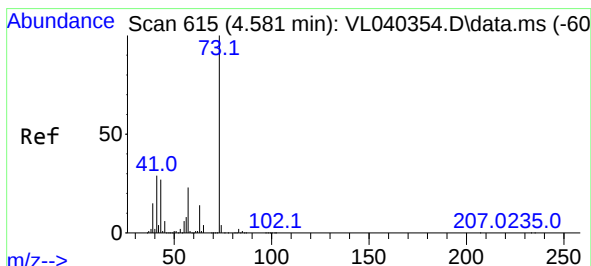
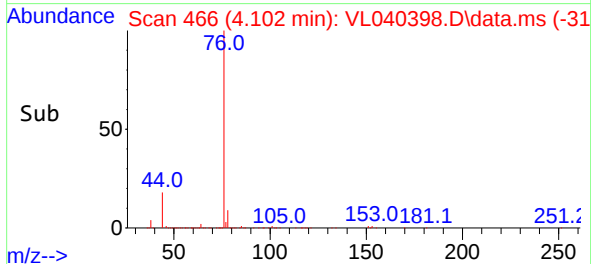
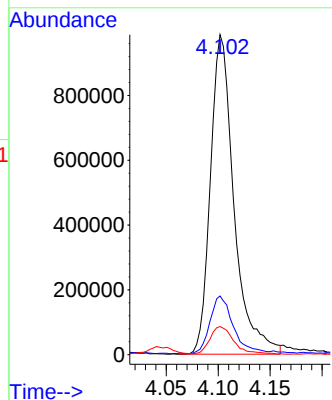
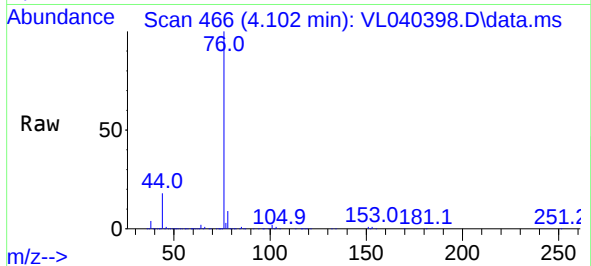




#27
Carbon Disulfide
Concen: 10.738 ppbv
RT: 4.102 min Scan# 4
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

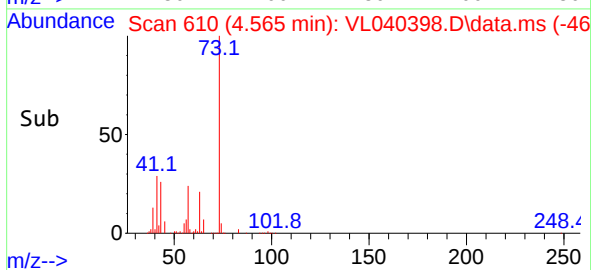
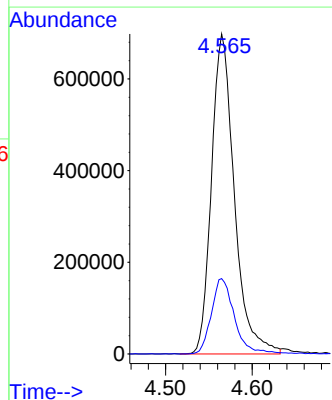
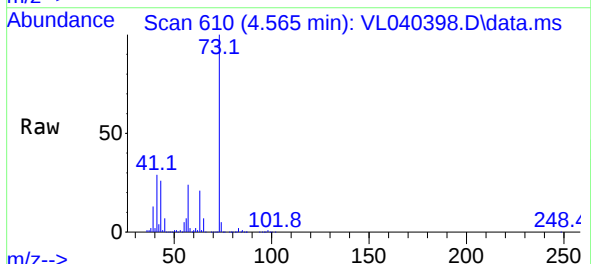
Instrument :
MSVOA_L
ClientSampleId :

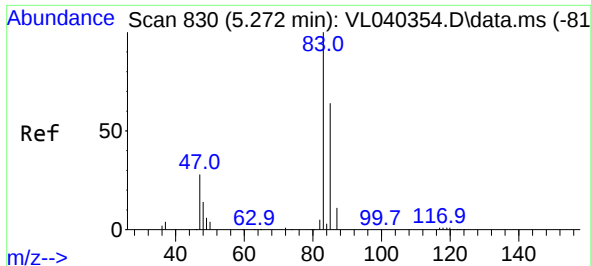
Tgt Ion: 76 Resp: 1556108
Ion Ratio Lower Upper
76 100
44 18.4 14.7 22.1
78 9.2 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 11.074 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

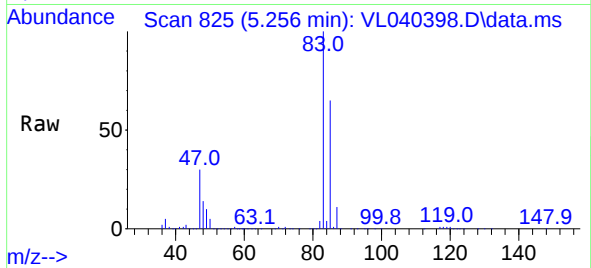
Tgt Ion: 73 Resp: 1280080
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8



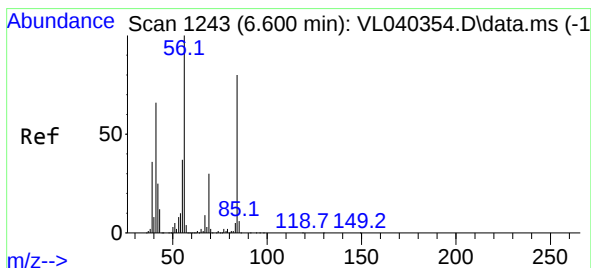
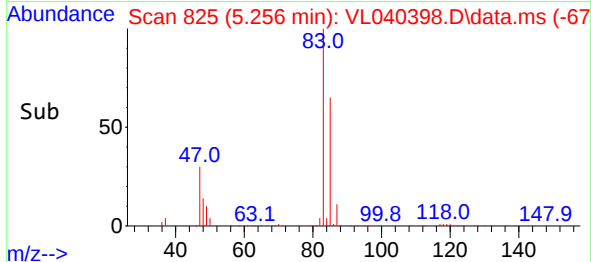
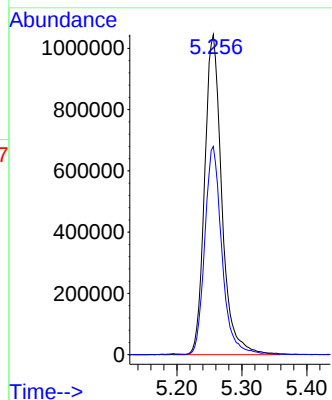


#29
Chloroform
Concen: 9.654 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :

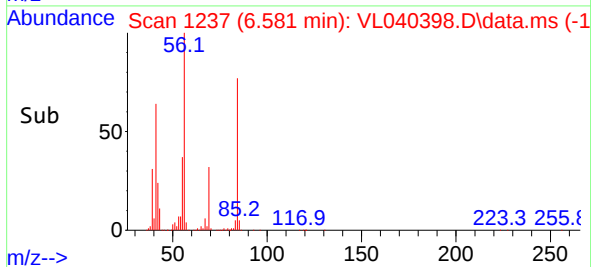
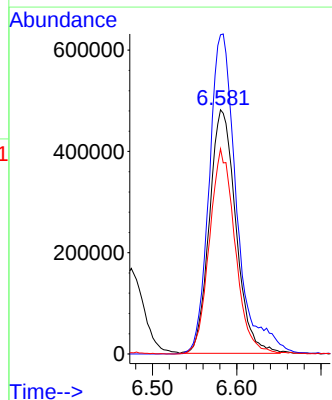
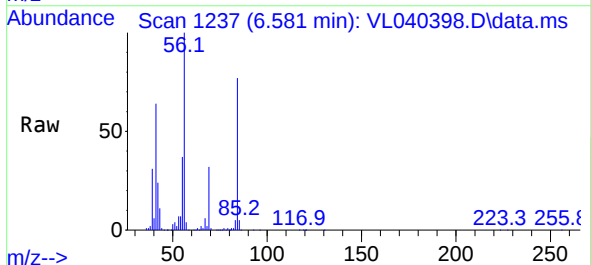


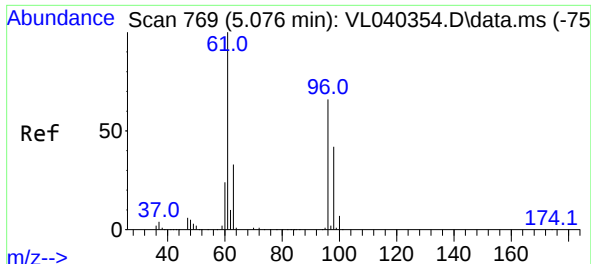
Tgt Ion: 83 Resp: 1925655
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4



#30
Cyclohexane
Concen: 12.070 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. -0.019 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 84 Resp: 1046778
Ion Ratio Lower Upper
84 100
56 137.0 107.0 160.6
41 82.3 66.7 100.1

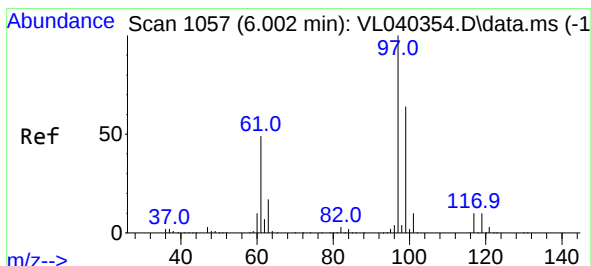
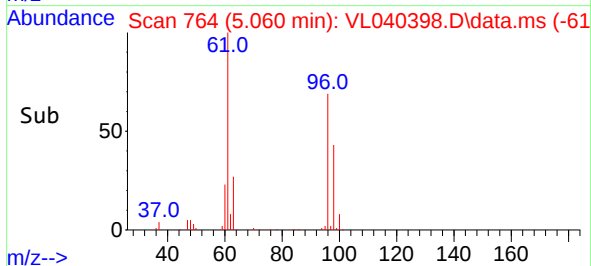
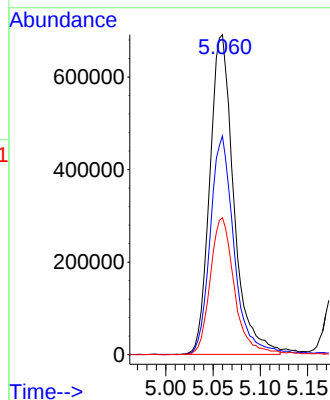
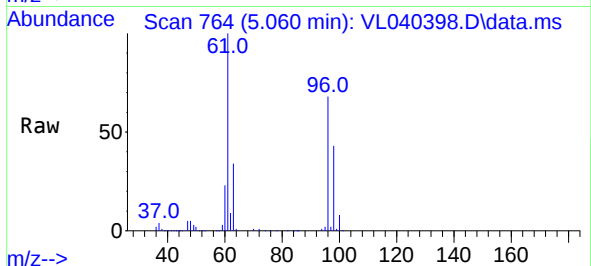




#31
 cis-1,2-Dichloroethene
 Concen: 10.995 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

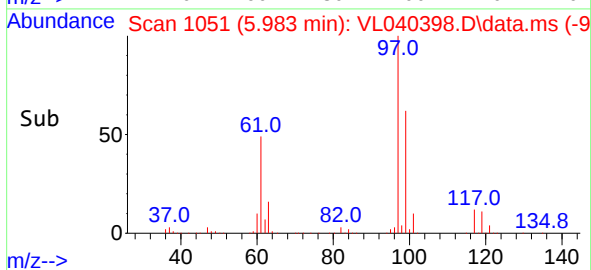
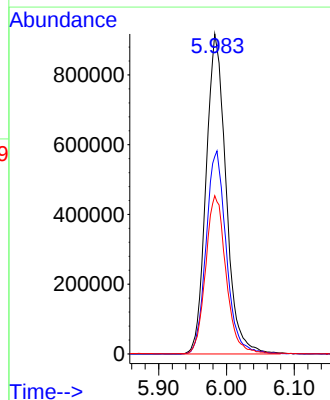
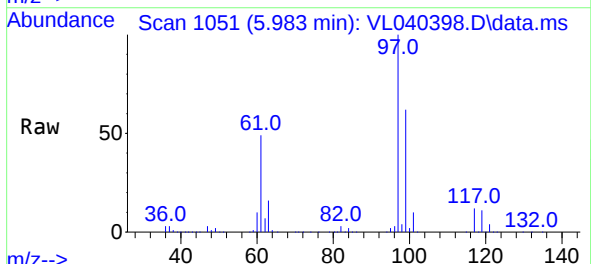
Instrument :
 MSVOA_L
 ClientSampleId :

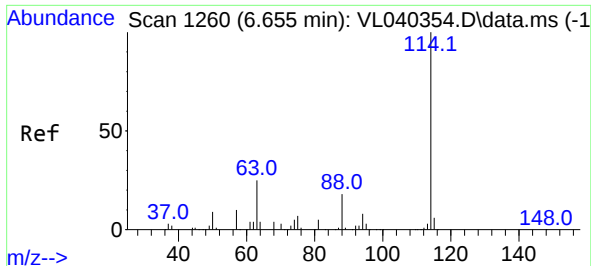
Tgt Ion: 61 Resp: 1220268
 Ion Ratio Lower Upper
 61 100
 96 68.3 53.0 79.4
 98 42.8 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 9.705 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.019 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion: 97 Resp: 1880974
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.8
 61 50.7 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.020 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

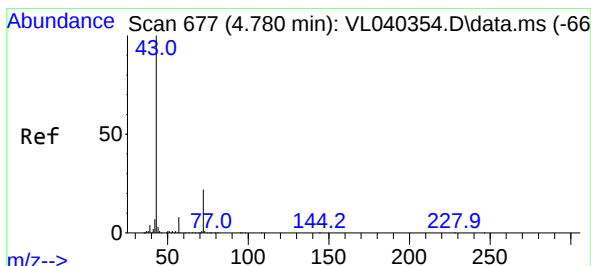
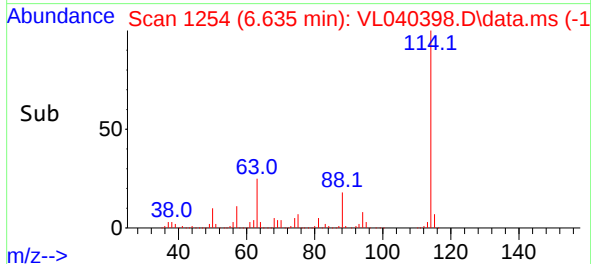
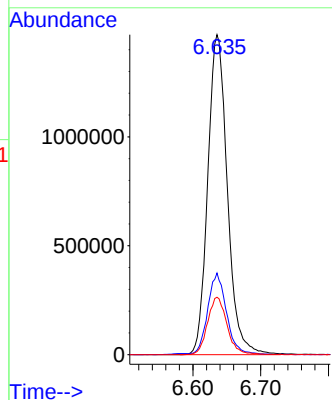
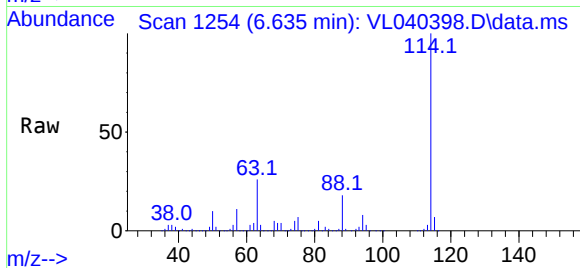
Tgt Ion:114 Resp: 2949252

Ion Ratio Lower Upper

114 100

63 24.9 21.4 32.0

88 17.8 14.6 22.0



#34

2-Butanone

Concen: 9.661 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.016 min

Lab File: VL040398.D

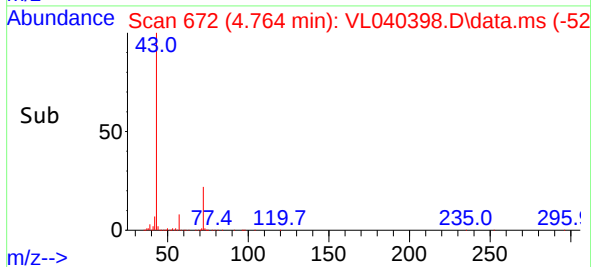
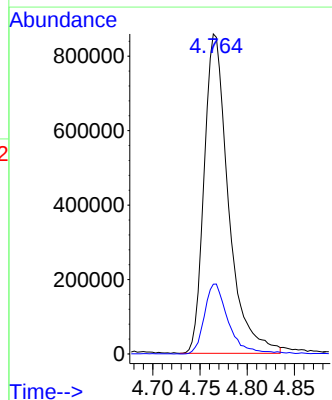
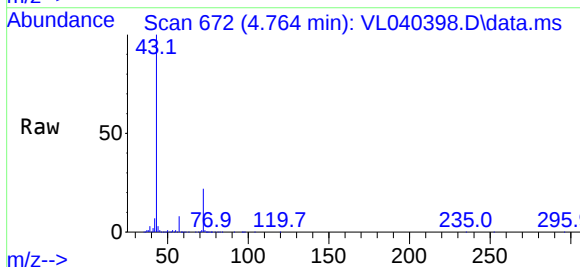
Acq: 20 Apr 2023 9:50

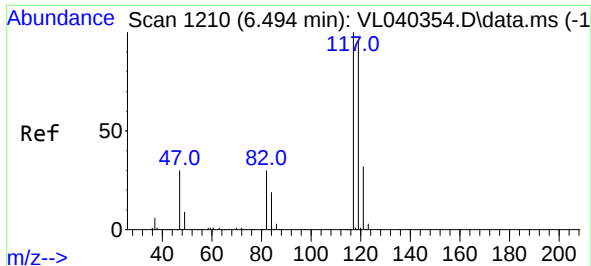
Tgt Ion: 43 Resp: 1536337

Ion Ratio Lower Upper

43 100

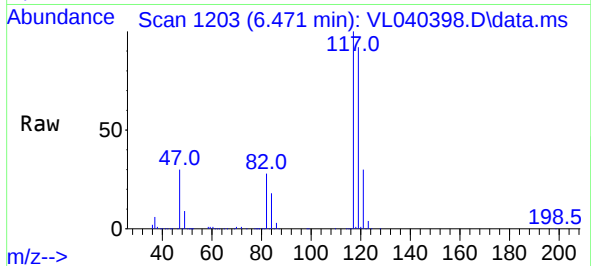
72 21.9 18.4 27.6





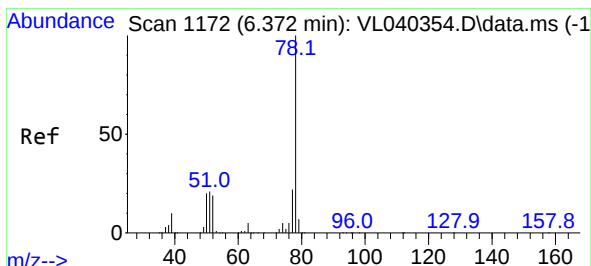
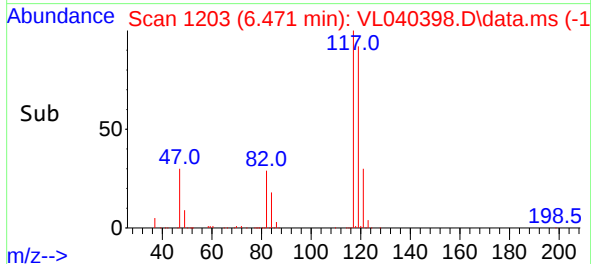
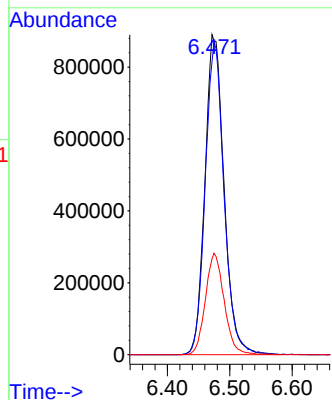
#35
Carbon Tetrachloride
Concen: 9.152 ppbv
RT: 6.471 min Scan# 1166
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 117 Resp: 1900074

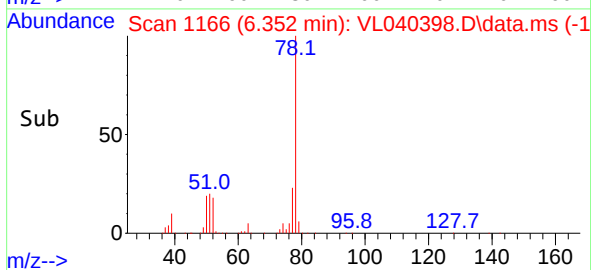
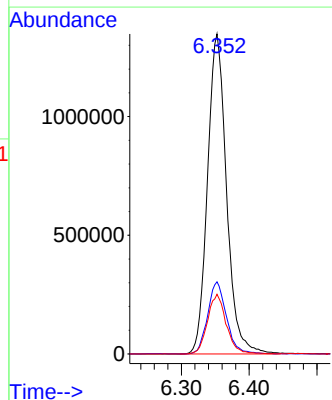
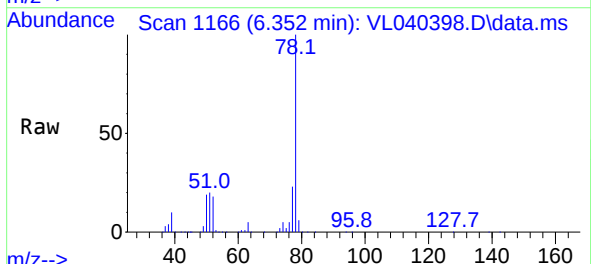
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.6	114.8
121	29.9	25.3	37.9

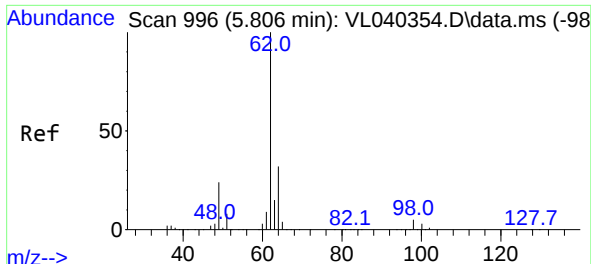


#36
Benzene
Concen: 10.944 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 78 Resp: 2633364

Ion	Ratio	Lower	Upper
78	100		
77	22.5	17.8	26.8
50	18.6	15.6	23.4





#37

1,2-Dichloroethane

Concen: 9.331 ppbv

RT: 5.787 min Scan# 996

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

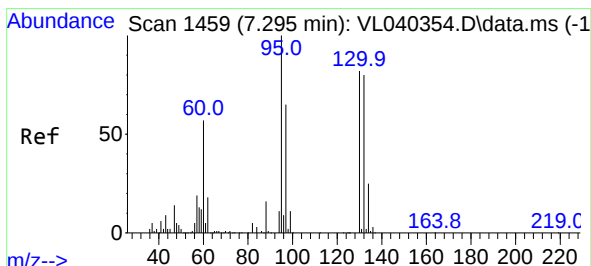
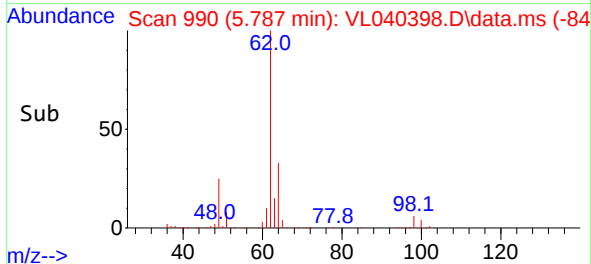
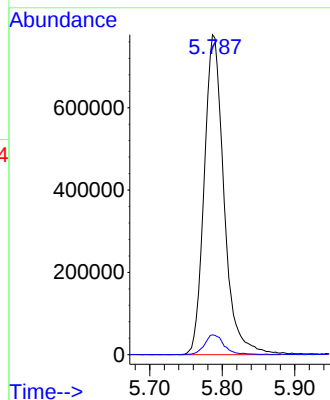
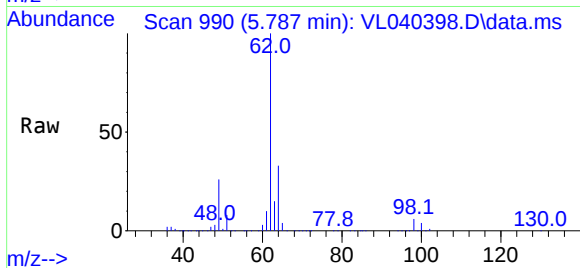
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 62 Resp: 1474824

Ion	Ratio	Lower	Upper
62	100		
98	6.3	4.4	6.6



#38

Trichloroethene

Concen: 11.085 ppbv

RT: 7.272 min Scan# 1452

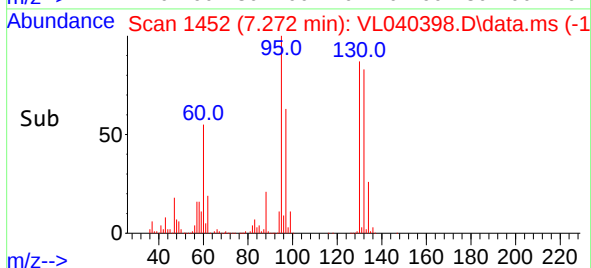
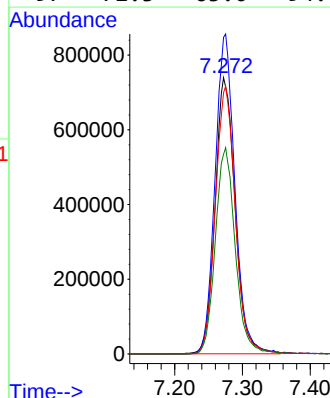
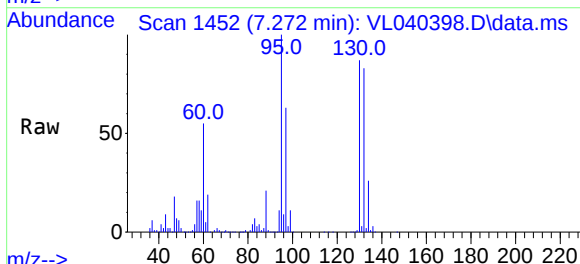
Delta R.T. -0.023 min

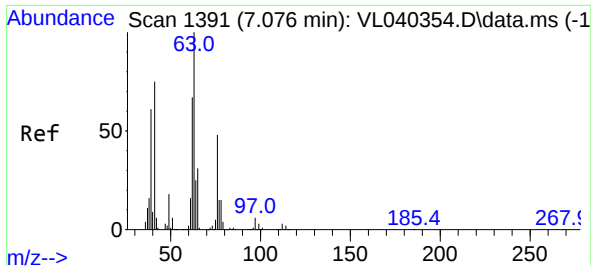
Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Tgt Ion:130 Resp: 1518125

Ion	Ratio	Lower	Upper
130	100		
95	114.7	97.4	146.0
132	94.6	77.5	116.3
97	72.3	63.0	94.4





#39

1,2-Dichloropropane

Concen: 10.664 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

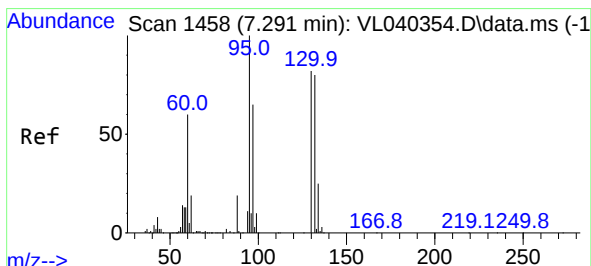
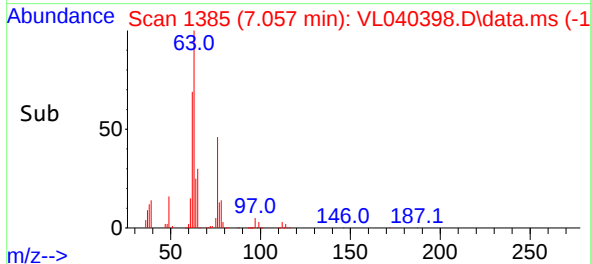
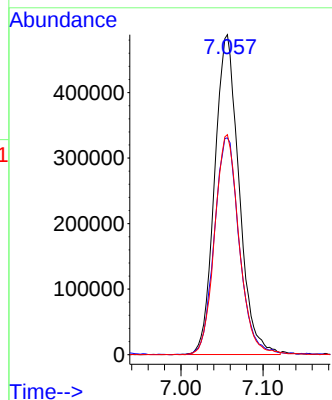
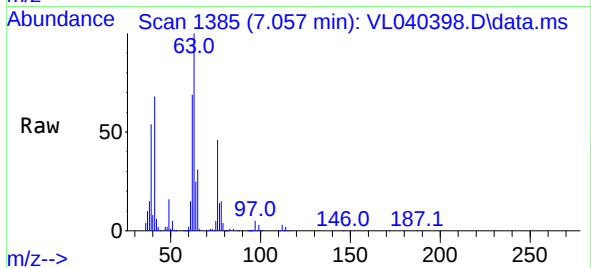
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63 Resp: 1009680

Ion	Ratio	Lower	Upper
63	100		
41	67.7	59.6	89.4
62	68.8	53.9	80.9



#40

1,4-Dioxane

Concen: 11.283 ppbv

RT: 7.269 min Scan# 1451

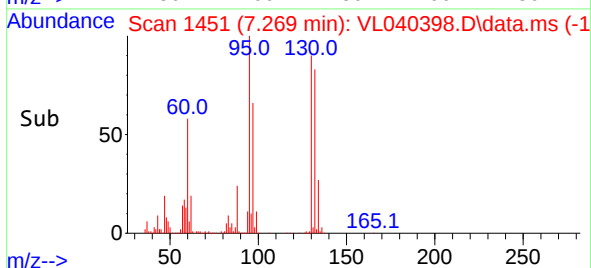
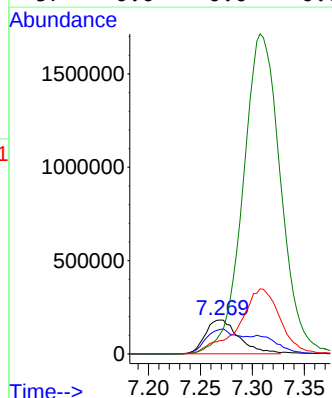
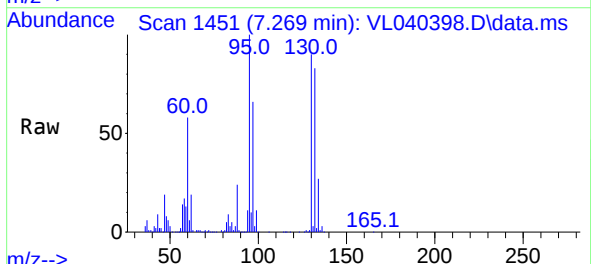
Delta R.T. -0.022 min

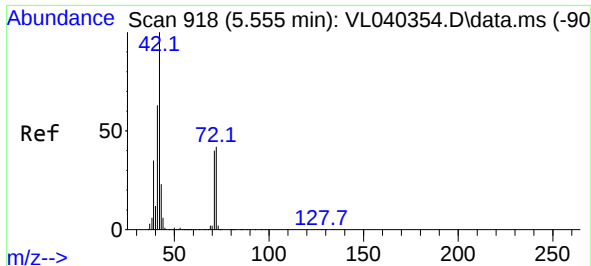
Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Tgt Ion: 88 Resp: 409119

Ion	Ratio	Lower	Upper
88	100		
58	121.1	100.8	151.2
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 11.890 ppbv

RT: 5.536 min Scan# 918

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

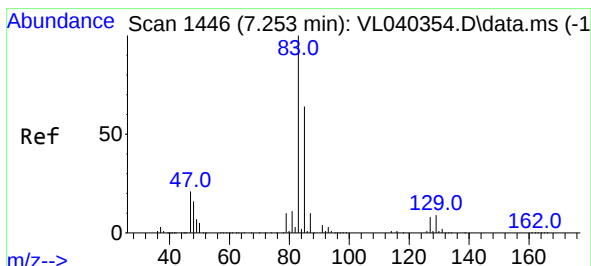
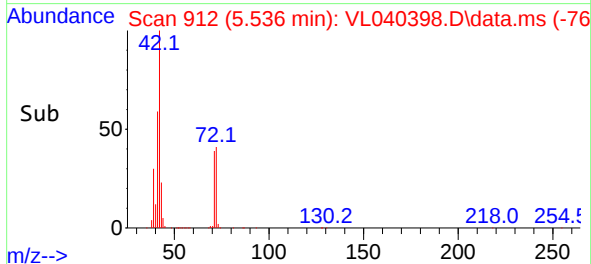
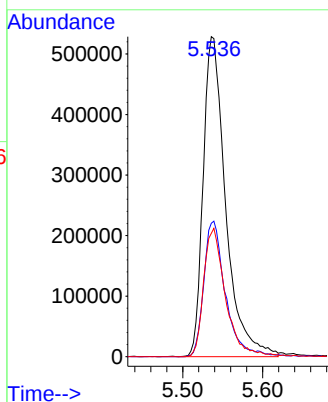
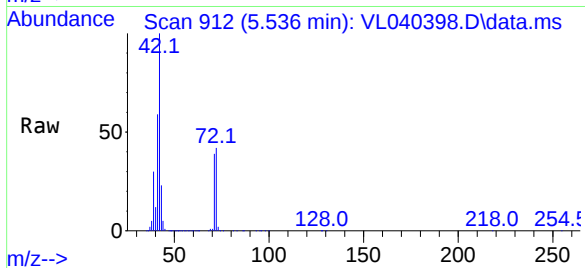
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 42 Resp: 1035542

Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.7	50.5
71	39.3	32.2	48.2



#42

Bromodichloromethane

Concen: 9.632 ppbv

RT: 7.233 min Scan# 1440

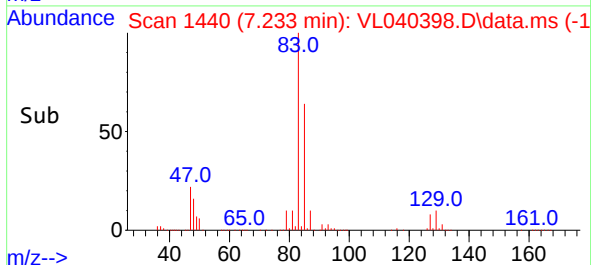
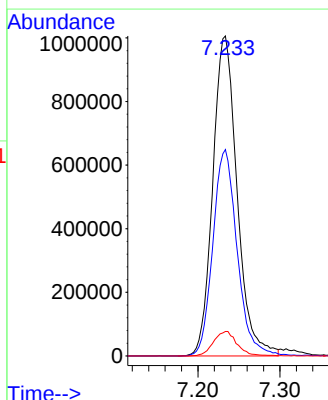
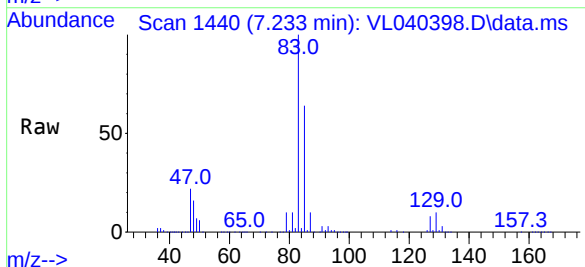
Delta R.T. -0.020 min

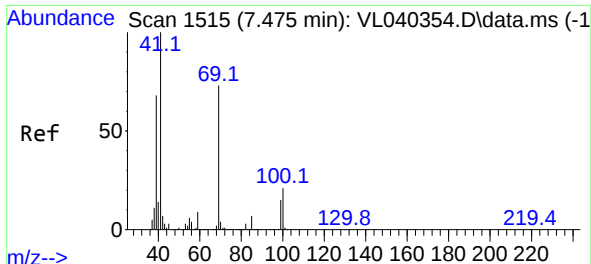
Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Tgt Ion: 83 Resp: 2078939

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3
127	7.6	6.4	9.6

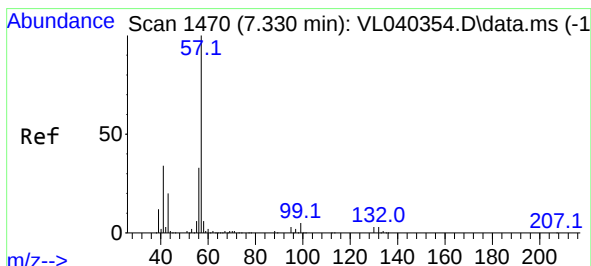
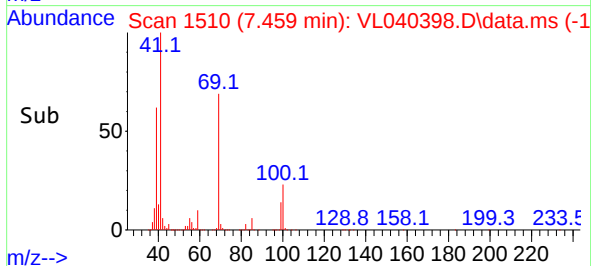
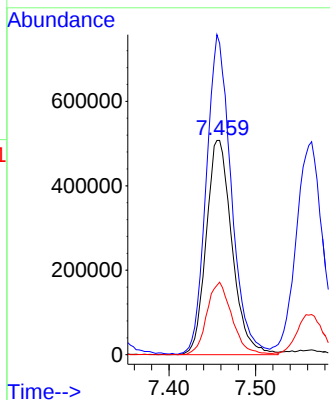
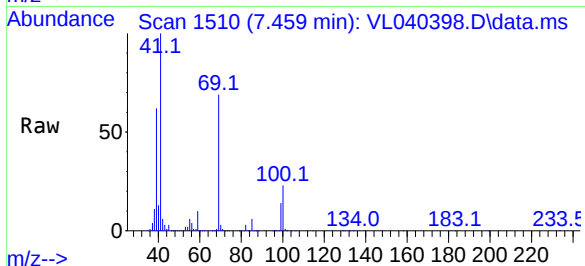




#43
Methyl Methacrylate
Concen: 11.741 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

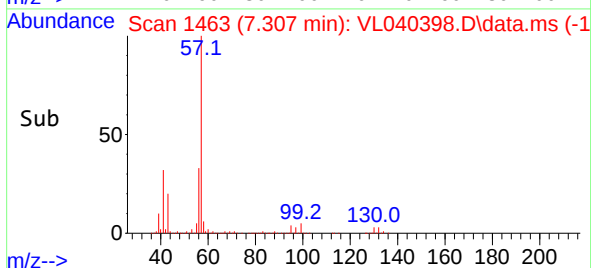
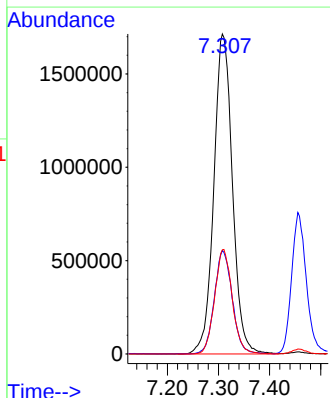
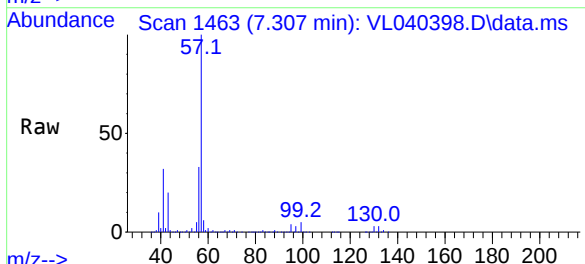
Instrument :
MSVOA_L
ClientSampleId :

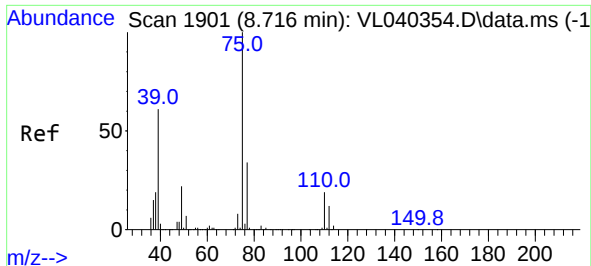
Tgt Ion: 69 Resp: 1049291
Ion Ratio Lower Upper
69 100
41 143.6 114.3 171.5
100 32.9 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 10.787 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 57 Resp: 4335277
Ion Ratio Lower Upper
57 100
41 31.1 26.9 40.3
56 31.0 25.1 37.7

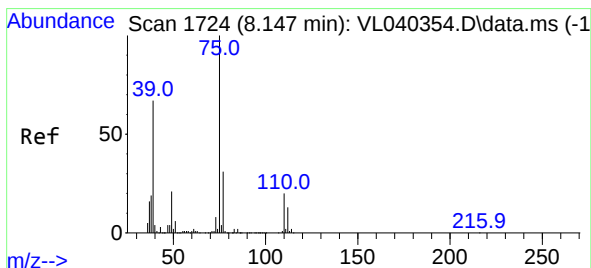
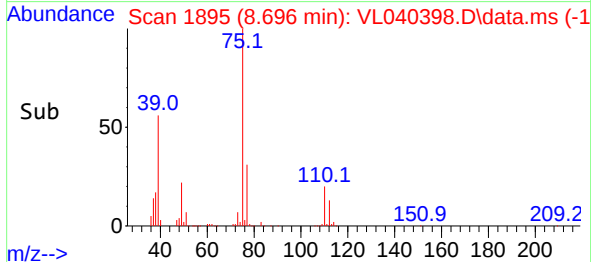
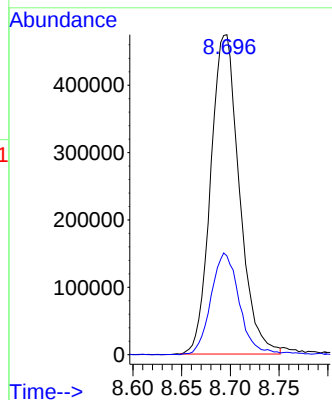
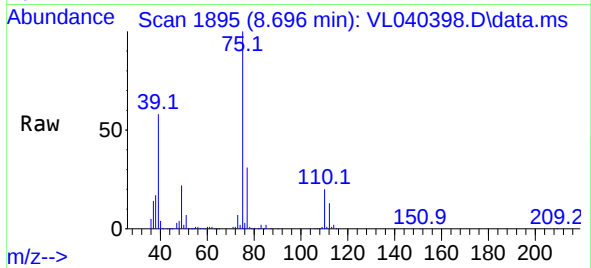




#45
 t-1,3-Dichloropropene
 Concen: 12.170 ppbv
 RT: 8.696 min Scan# 1718
 Delta R.T. -0.020 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

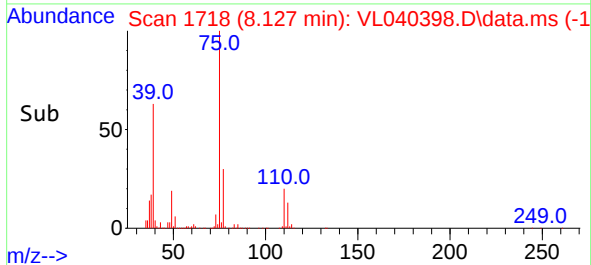
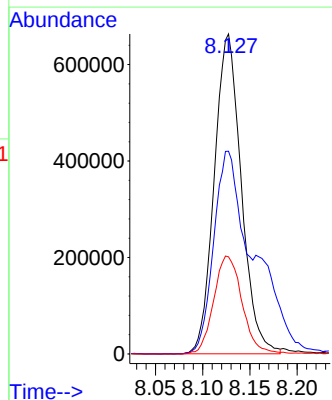
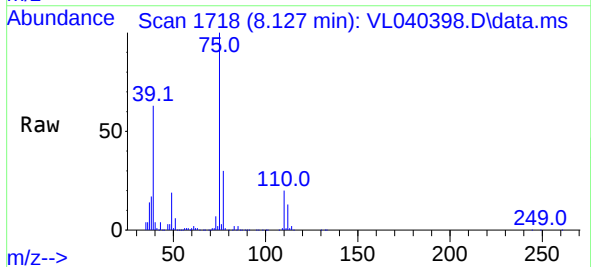
Instrument :
 MSVOA_L
 ClientSampleId :

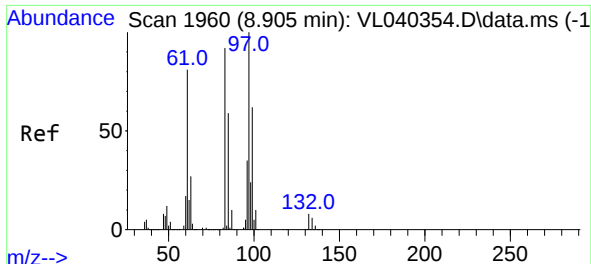
Tgt Ion: 75 Resp: 971571
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.8 40.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.867 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. -0.020 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion: 75 Resp: 1318645
 Ion Ratio Lower Upper
 75 100
 39 63.3 53.4 80.2
 77 30.4 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 10.075 ppbv

RT: 8.883 min Scan# 19

Delta R.T. -0.022 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1045848

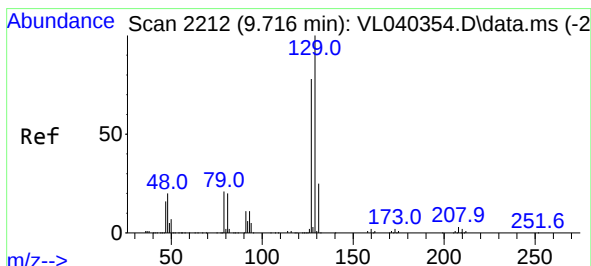
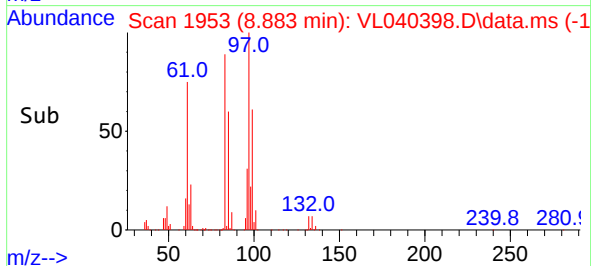
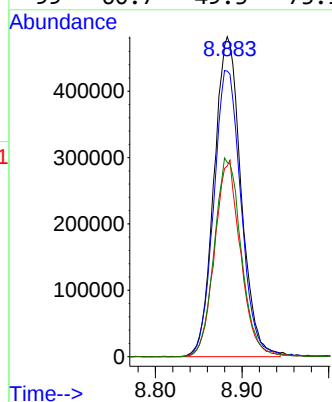
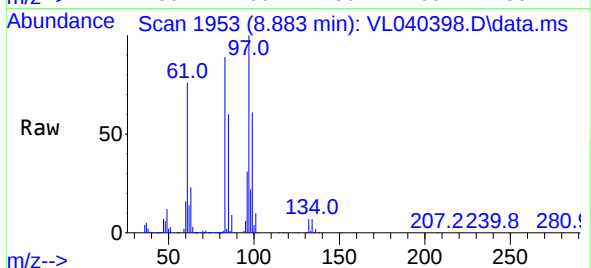
Ion Ratio Lower Upper

97 100

83 89.2 73.3 109.9

85 59.6 46.9 70.3

99 60.7 49.3 73.9



#48

Dibromochloromethane

Concen: 10.131 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.023 min

Lab File: VL040398.D

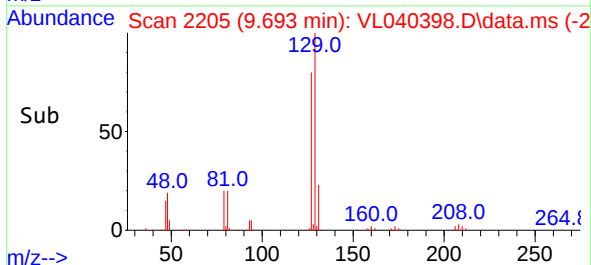
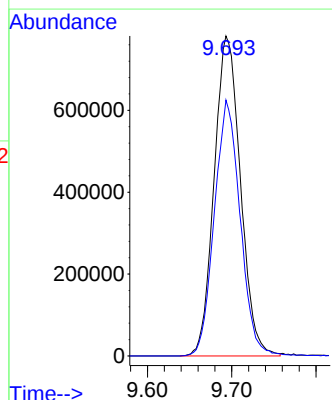
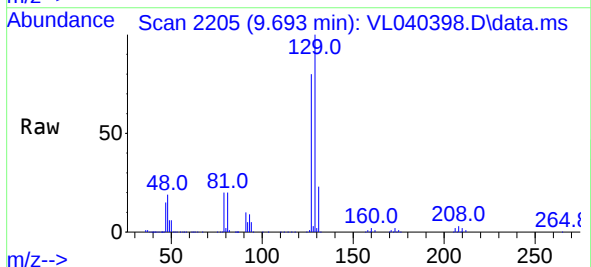
Acq: 20 Apr 2023 9:50

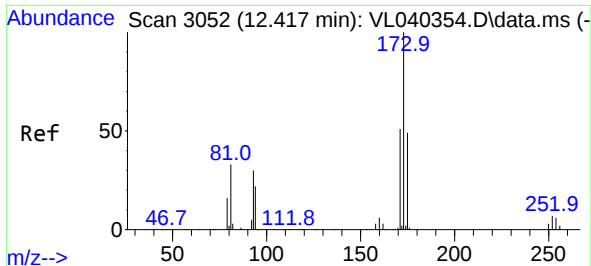
Tgt Ion:129 Resp: 1693756

Ion Ratio Lower Upper

129 100

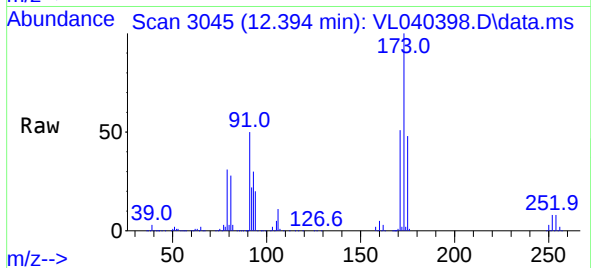
127 78.6 39.2 117.6





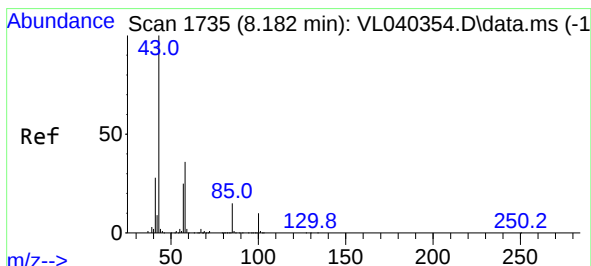
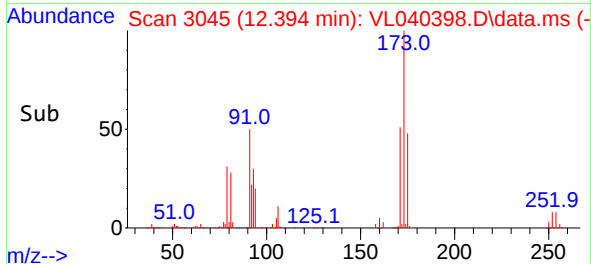
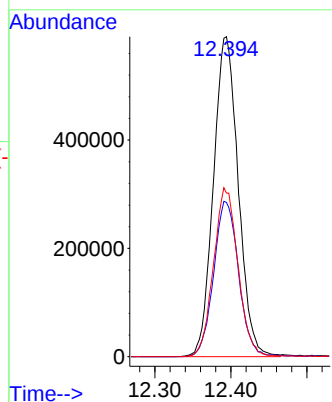
#49
Bromoform
Concen: 10.273 ppbv
RT: 12.394 min Scan# 3052
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1339529

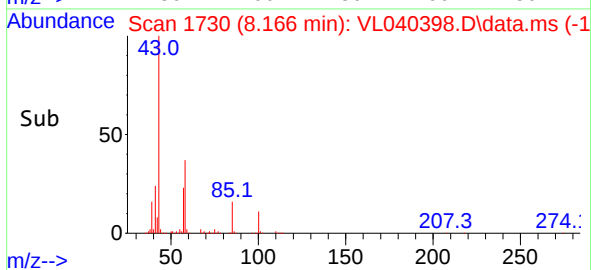
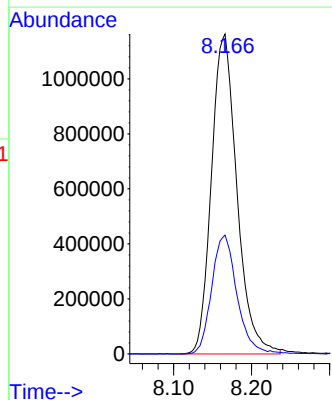
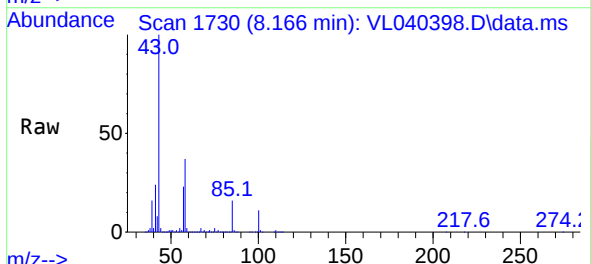
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.8	59.8
171	52.2	42.2	63.2

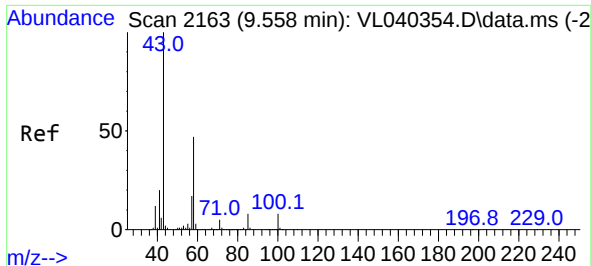


#50
4-Methyl-2-Pentanone
Concen: 10.954 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 43 Resp: 2641269

Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.6	43.0

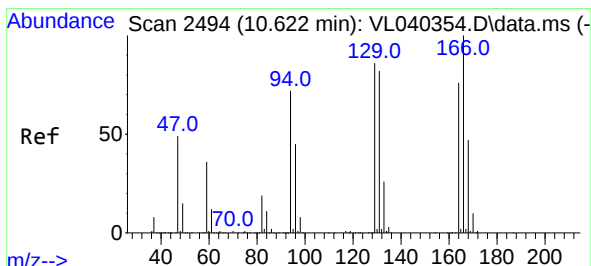
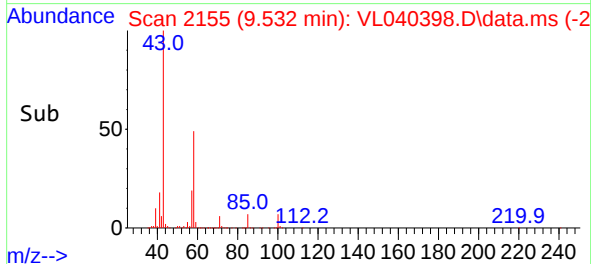
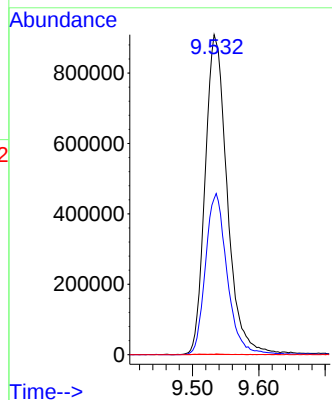
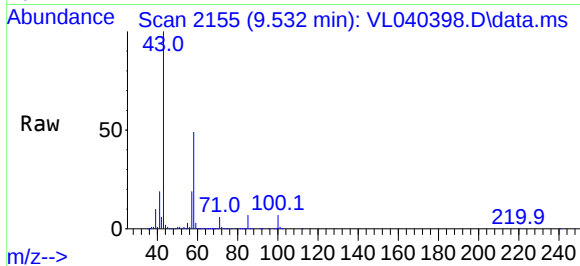




#51
2-Hexanone
Concen: 11.750 ppbv
RT: 9.532 min Scan# 2163
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

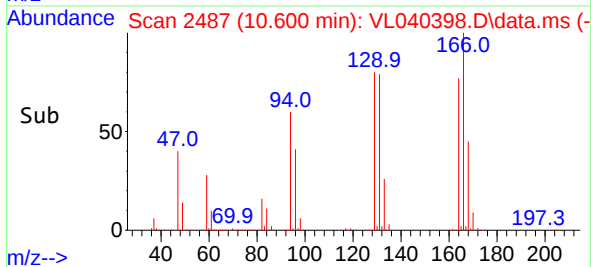
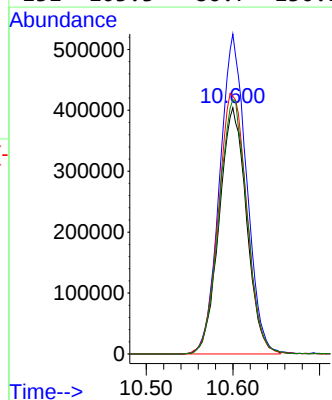
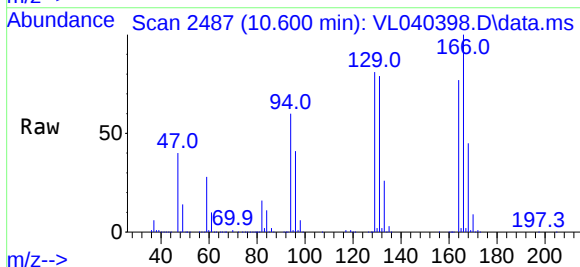
Instrument :
MSVOA_L
ClientSampleId :

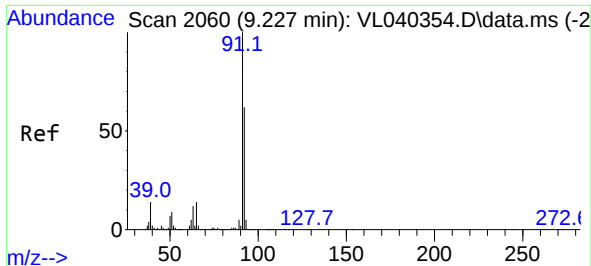
Tgt Ion: 43 Resp: 2093594
Ion Ratio Lower Upper
43 100
58 49.7 38.3 57.5
98 0.1 0.4 0.6#



#52
Tetrachloroethene
Concen: 11.771 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:164 Resp: 885966
Ion Ratio Lower Upper
164 100
166 129.9 105.2 157.8
129 104.6 90.3 135.5
131 103.3 86.7 130.1

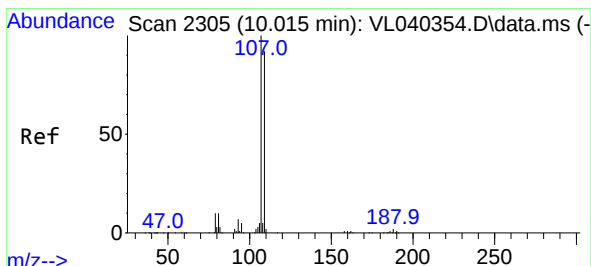
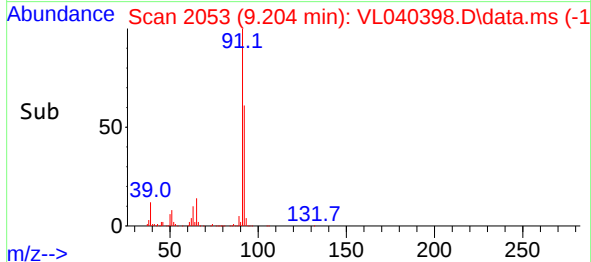
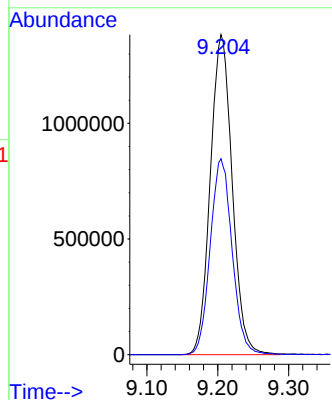
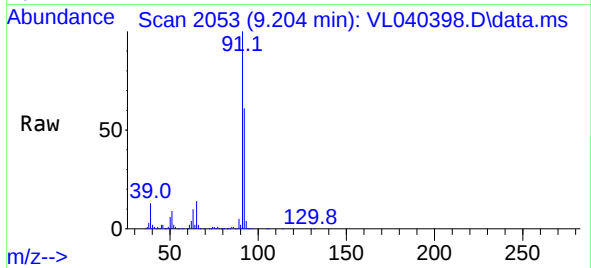




#53
Toluene
Concen: 11.613 ppbv
RT: 9.204 min Scan# 2060
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

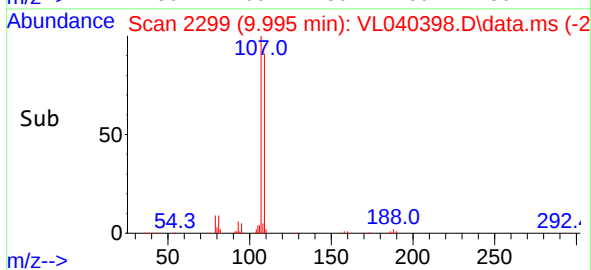
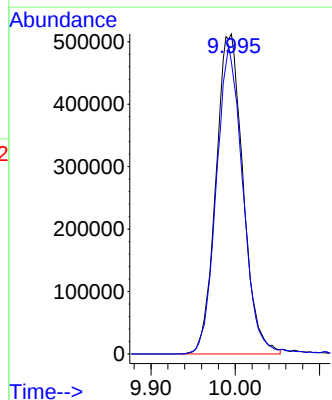
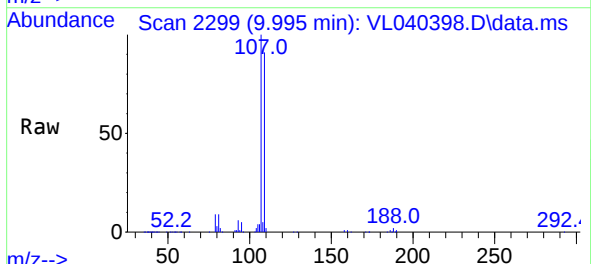
Instrument :
MSVOA_L
ClientSampleId :

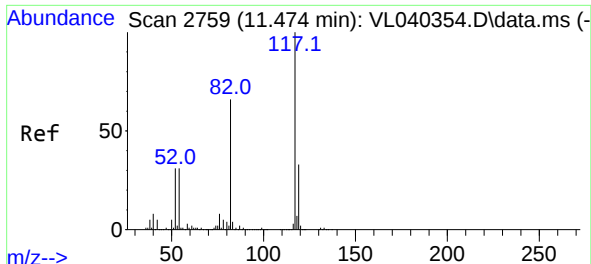
Tgt Ion: 91 Resp: 2962480
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.862 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

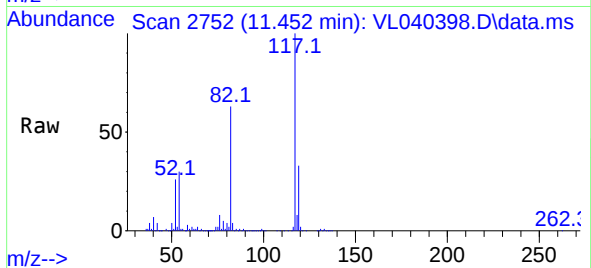
Tgt Ion:107 Resp: 1143173
Ion Ratio Lower Upper
107 100
109 91.2 73.6 110.4



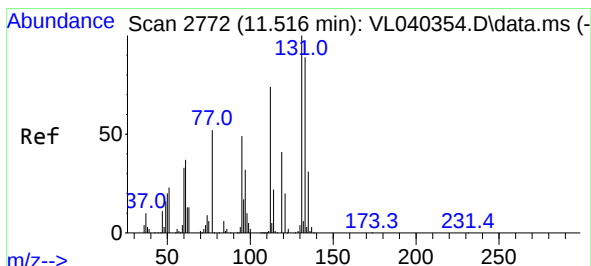
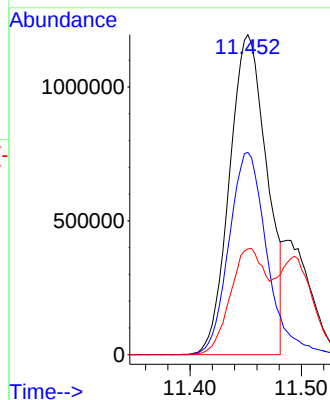
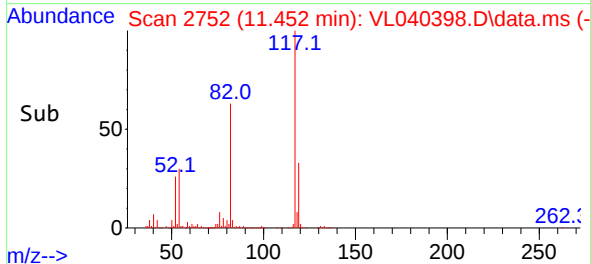


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :

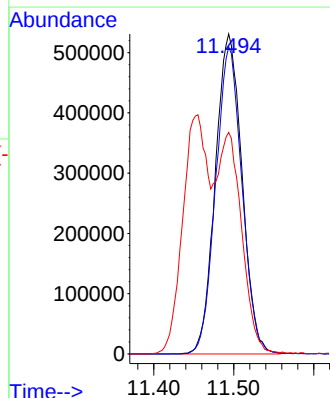
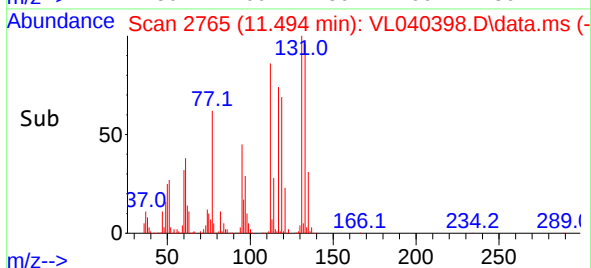
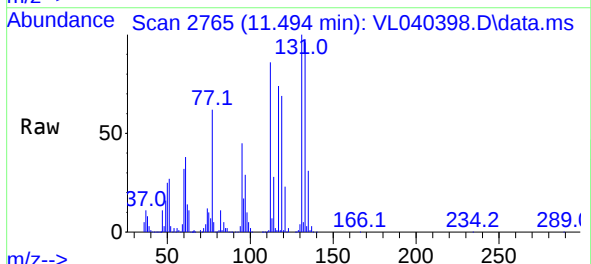


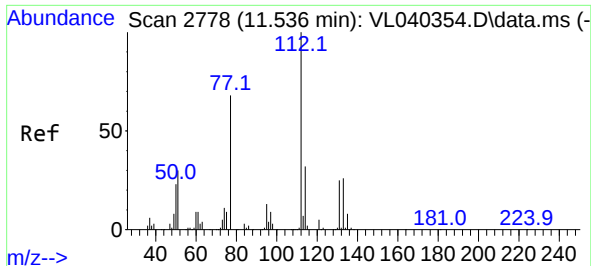
Tgt Ion:117 Resp: 2787340
Ion Ratio Lower Upper
117 100
82 64.6 52.5 78.7
119 31.1 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.639 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

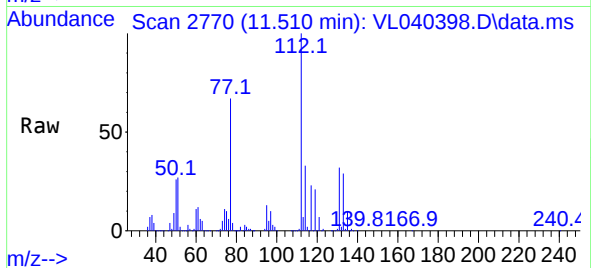
Tgt Ion:131 Resp: 1226373
Ion Ratio Lower Upper
131 100
133 94.7 75.3 112.9
119 58.7 53.9 80.9



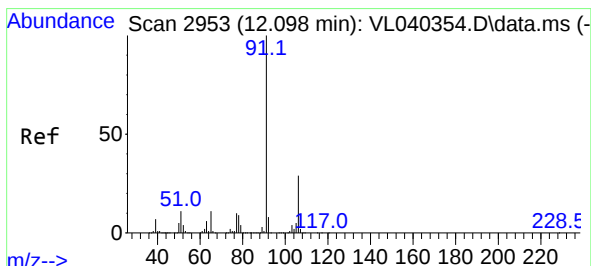
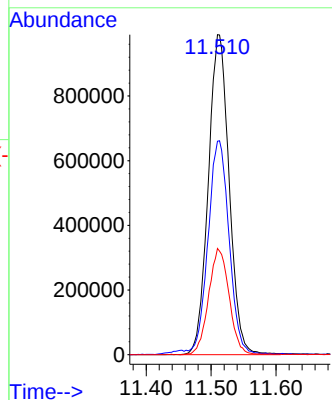
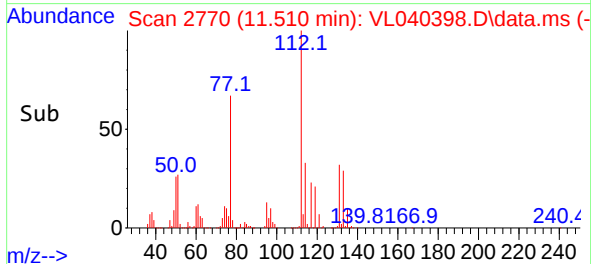


#57
Chlorobenzene
Concen: 10.121 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :

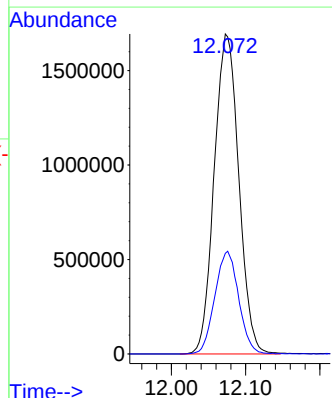
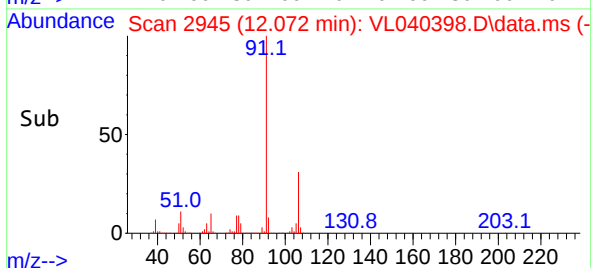
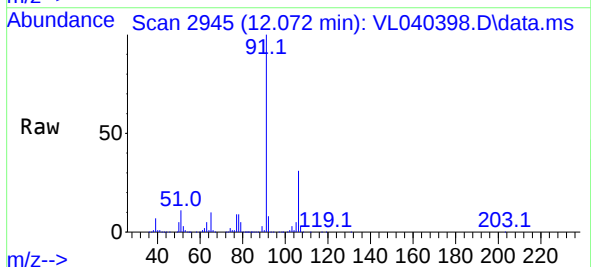


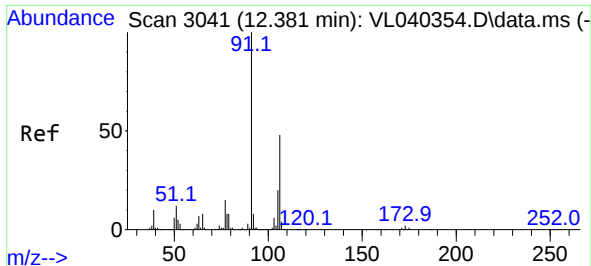
Tgt Ion:112 Resp: 2208760
Ion Ratio Lower Upper
112 100
77 66.4 55.8 83.8
114 33.2 29.1 35.5



#58
Ethyl Benzene
Concen: 11.357 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 91 Resp: 3894023
Ion Ratio Lower Upper
91 100
106 31.4 23.5 35.3





#59

m/p-Xylene

Concen: 11.105 ppbv

RT: 12.359 min Scan# 3041

Delta R.T. -0.022 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

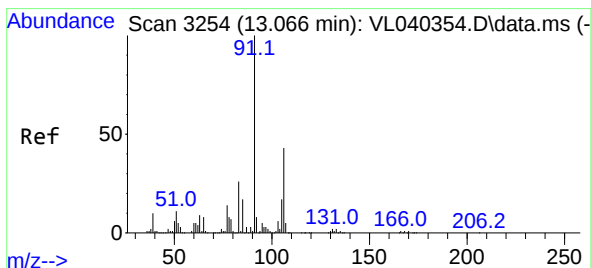
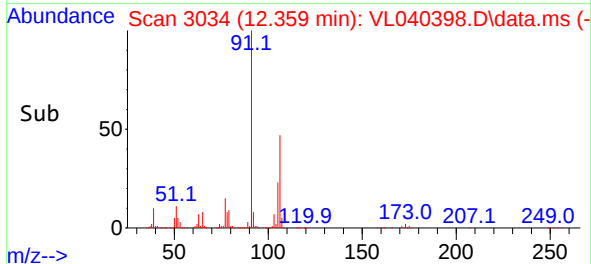
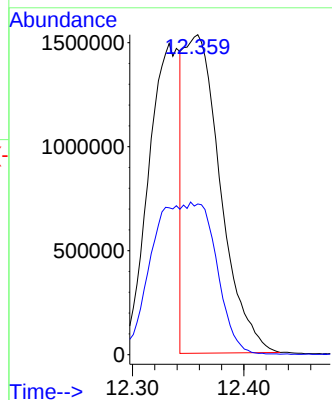
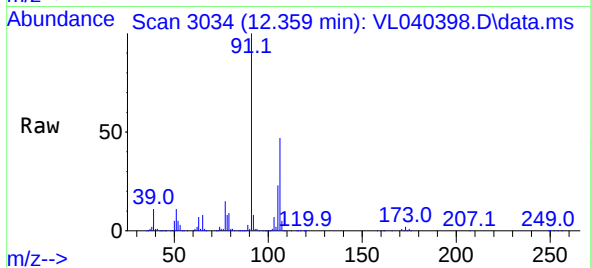
ClientSampleId :

Tgt Ion: 91 Resp: 3501651

Ion Ratio Lower Upper

91 100

106 83.9 34.7 52.1#



#60

o-Xylene

Concen: 10.200 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.023 min

Lab File: VL040398.D

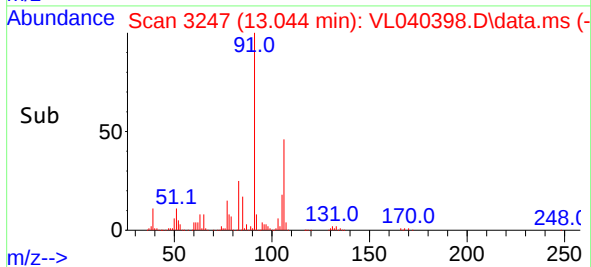
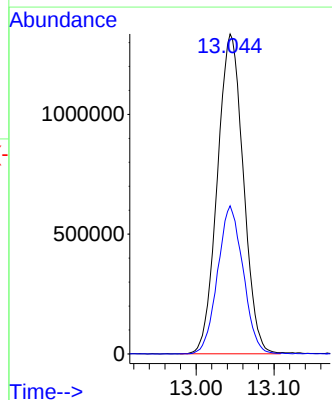
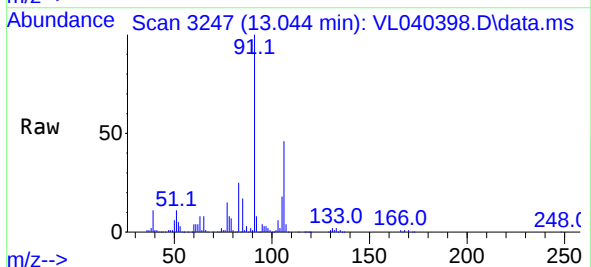
Acq: 20 Apr 2023 9:50

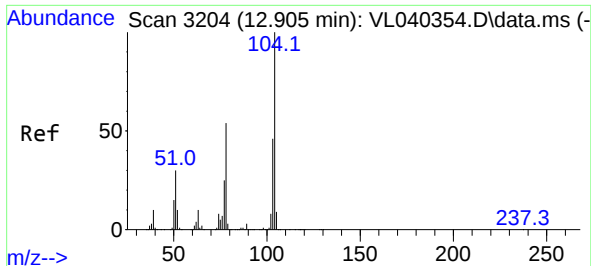
Tgt Ion: 91 Resp: 3086647

Ion Ratio Lower Upper

91 100

106 45.7 21.9 65.8

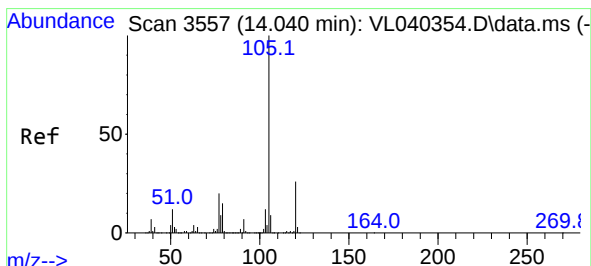
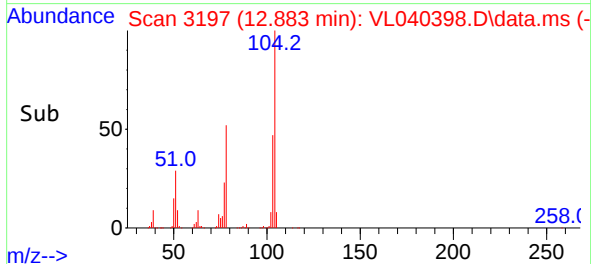
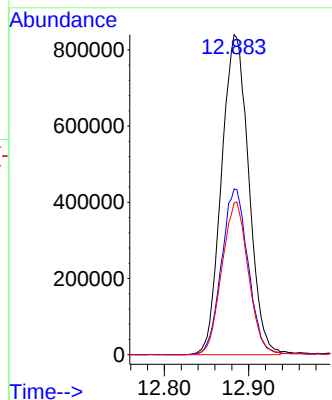
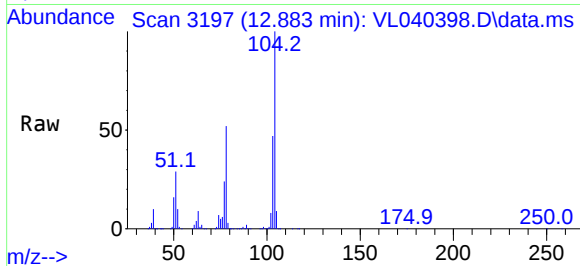




#61
Styrene
Concen: 12.392 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

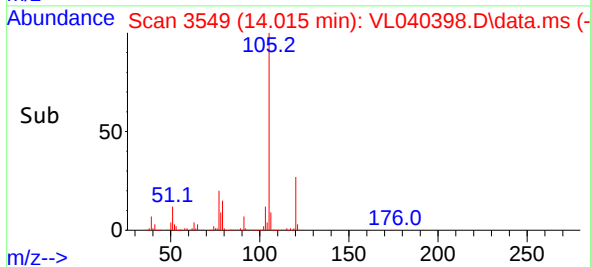
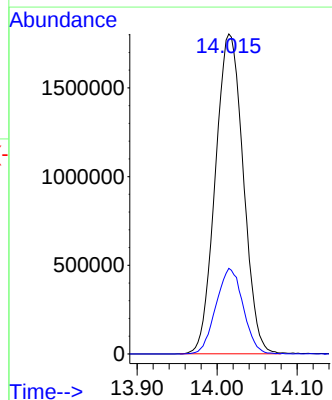
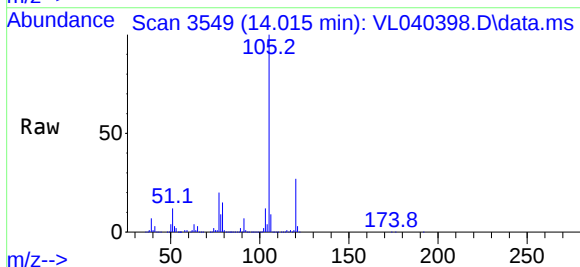
Instrument :
MSVOA_L
ClientSampleId :

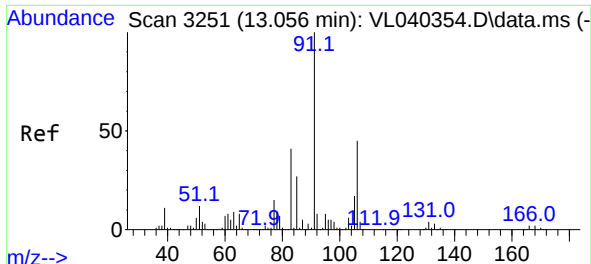
Tgt Ion:104 Resp: 1878550
Ion Ratio Lower Upper
104 100
78 51.2 43.4 65.0
103 46.8 37.0 55.4



#62
Isopropylbenzene
Concen: 10.042 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.025 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:105 Resp: 4376509
Ion Ratio Lower Upper
105 100
120 26.0 19.9 29.9

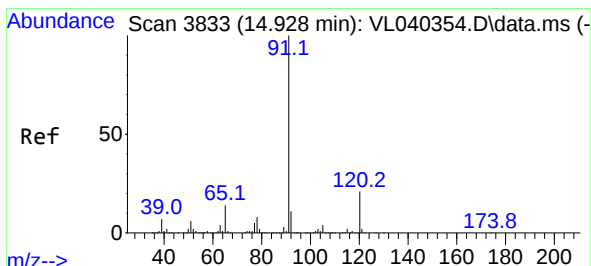
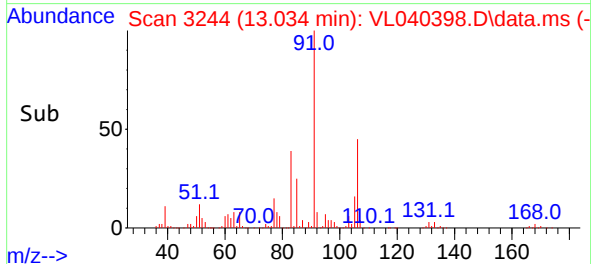
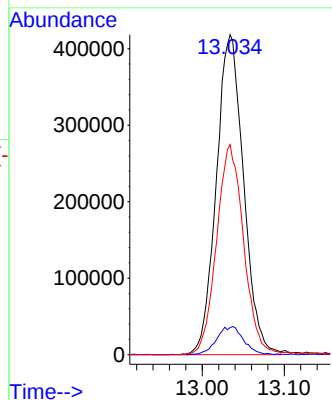
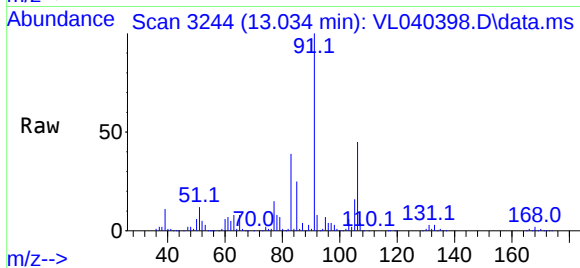




#63
1,1,2,2-Tetrachloroethane
Concen: 8.726 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

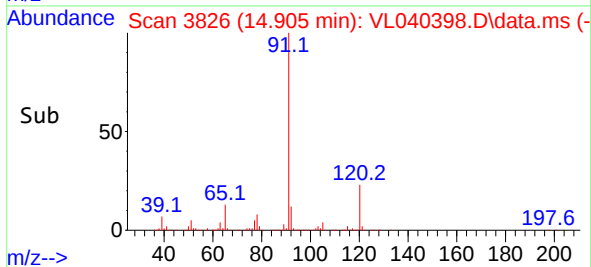
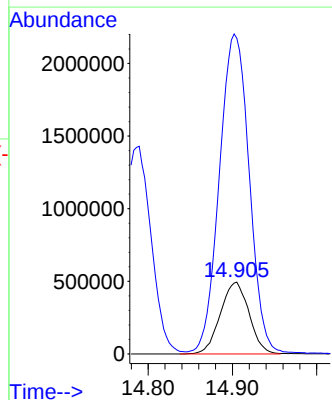
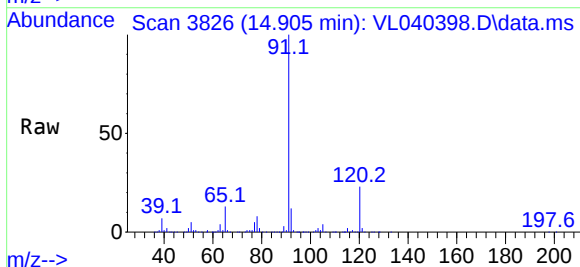
Instrument :
MSVOA_L
ClientSampleId :

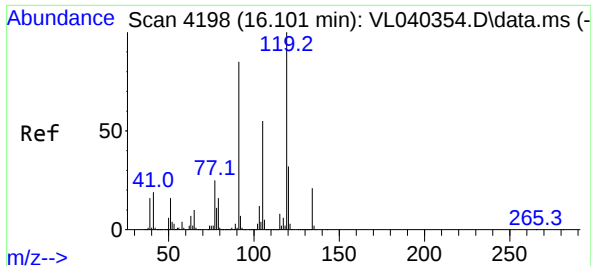
Tgt Ion: 83 Resp: 966355
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 65.8 32.9 98.6



#64
n-propylbenzene
Concen: 10.896 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:120 Resp: 1168397
Ion Ratio Lower Upper
120 100
91 466.2 397.4 596.0

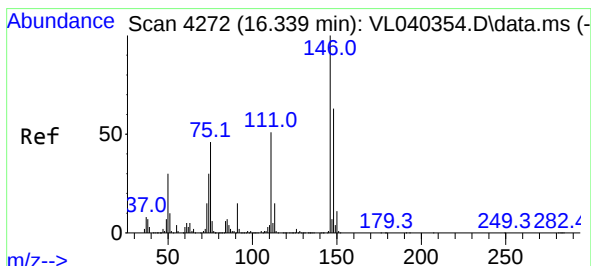
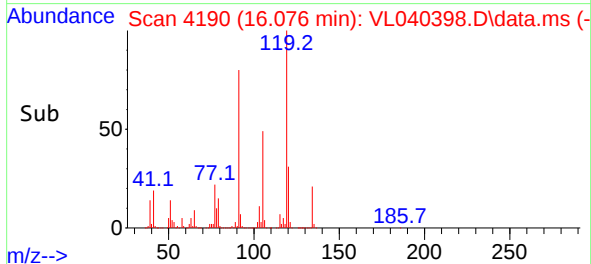
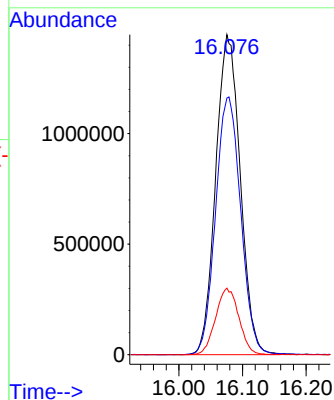
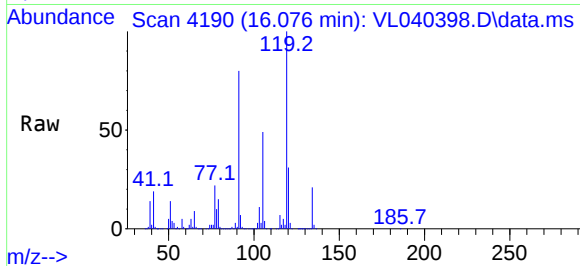




#65
tert-Butylbenzene
Concen: 10.119 ppbv
RT: 16.076 min Scan# 41
Delta R.T. -0.025 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

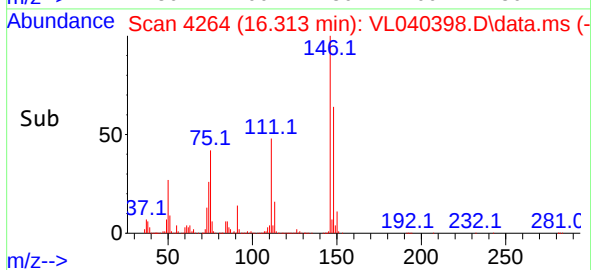
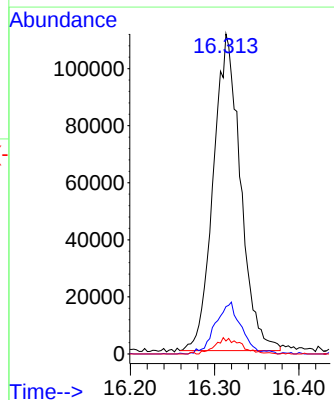
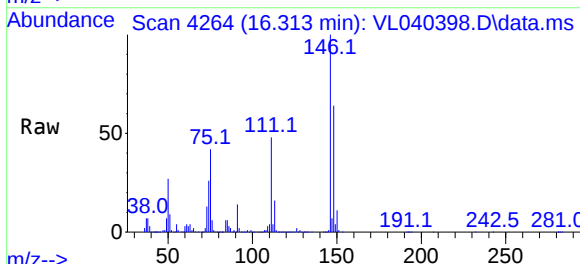
Instrument :
MSVOA_L
ClientSampleId :

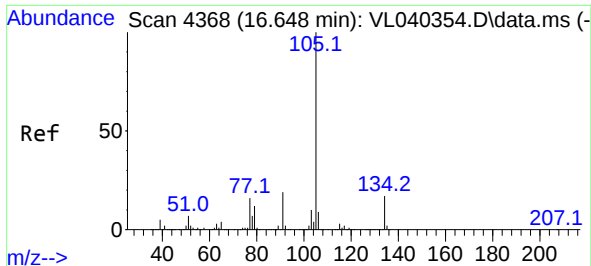
Tgt Ion:119 Resp: 3880057
Ion Ratio Lower Upper
119 100
91 82.7 70.1 105.1
134 19.7 15.6 23.4



#66
Benzyl Chloride
Concen: 10.487 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 91 Resp: 248968
Ion Ratio Lower Upper
91 100
126 15.8 12.3 18.5
128 5.0 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.942 ppbv

RT: 16.622 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

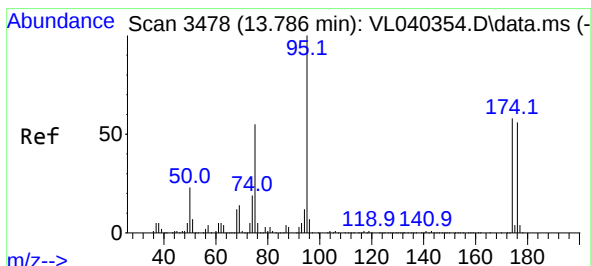
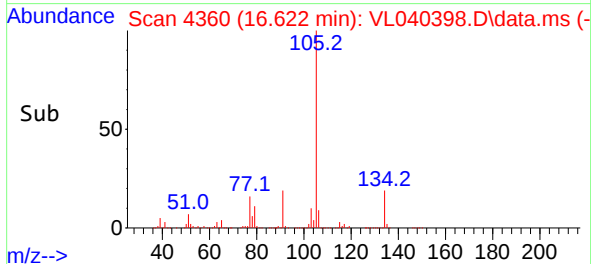
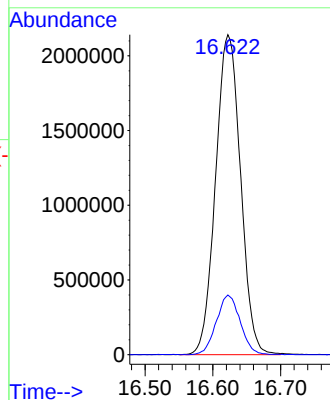
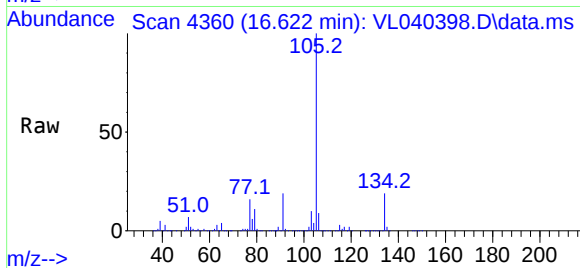
ClientSampleId :

Tgt Ion:105 Resp: 5475780

Ion Ratio Lower Upper

105 100

134 17.9 13.8 20.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.463 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. -0.025 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

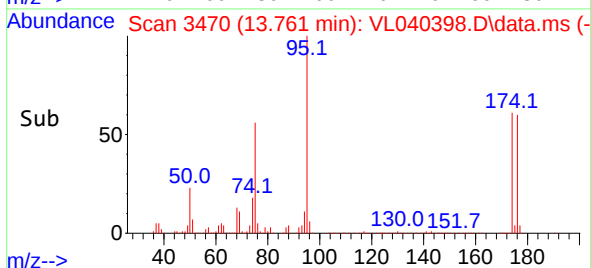
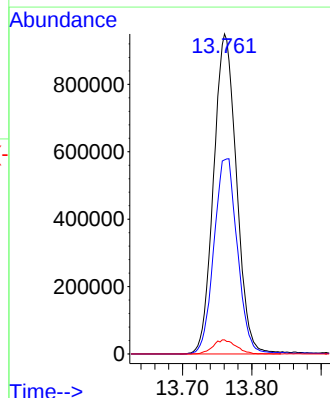
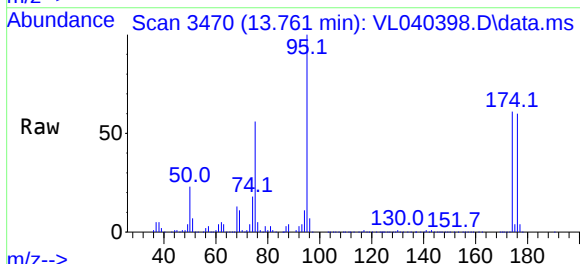
Tgt Ion: 95 Resp: 2181239

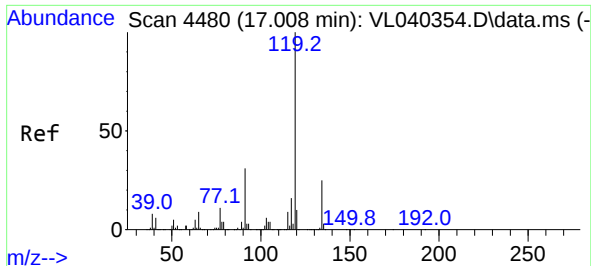
Ion Ratio Lower Upper

95 100

174 62.7 47.2 70.8

175 4.5 3.5 5.3

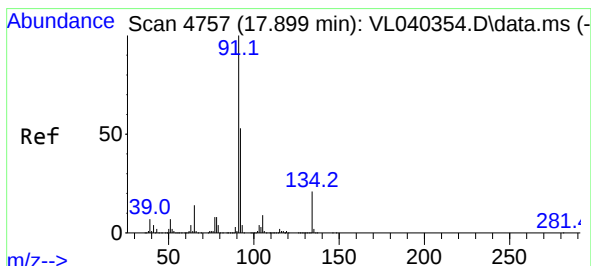
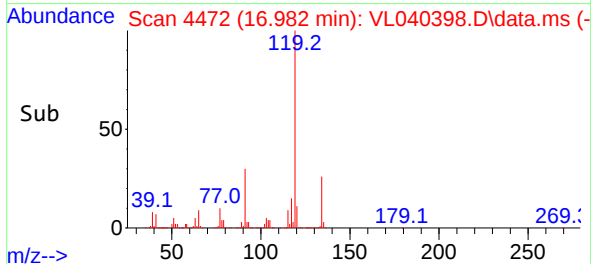
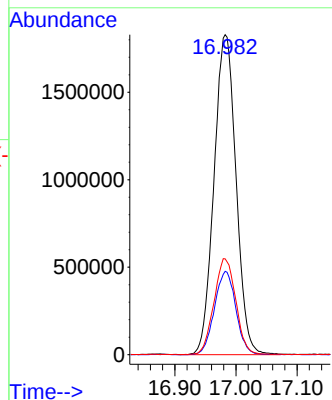
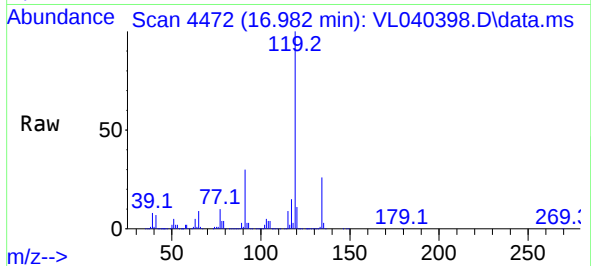




#69
p-Isopropyltoluene
Concen: 10.637 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

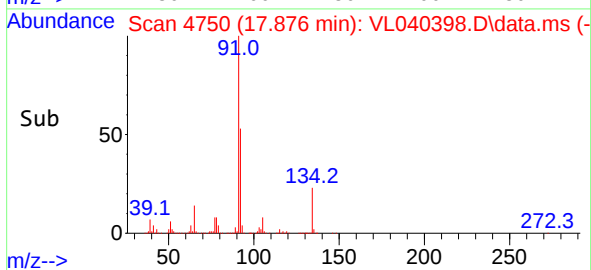
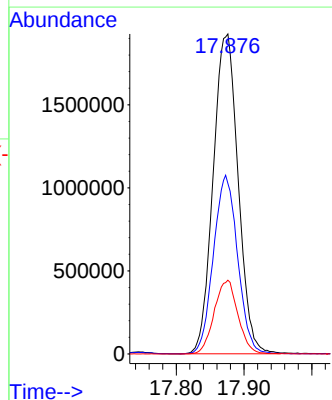
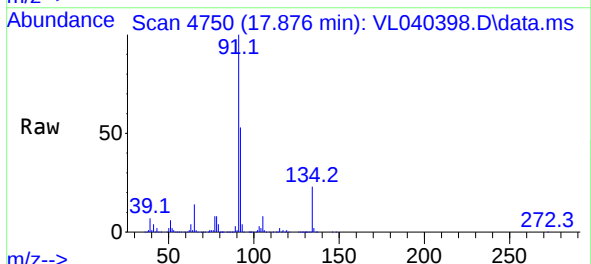
Instrument :
MSVOA_L
ClientSampleId :

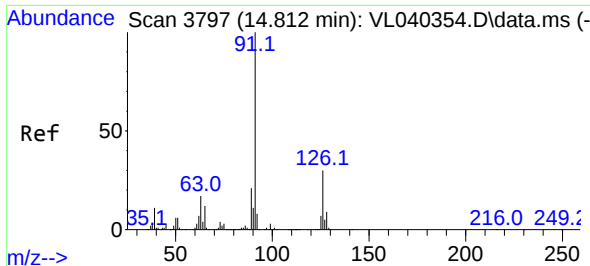
Tgt Ion:119 Resp: 4574422
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 29.7 25.7 38.5



#70
n-Butylbenzene
Concen: 10.345 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 91 Resp: 4931832
Ion Ratio Lower Upper
91 100
92 54.1 43.0 64.4
134 22.0 16.6 25.0

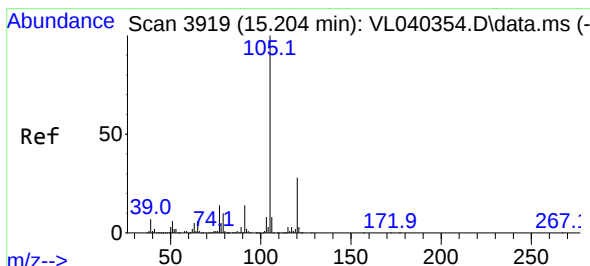
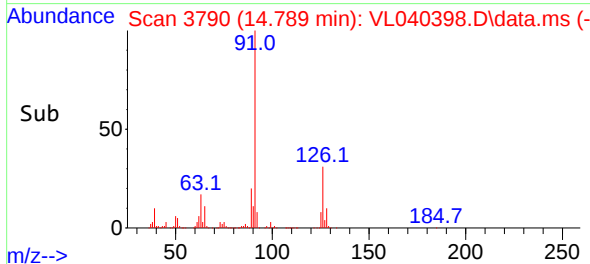
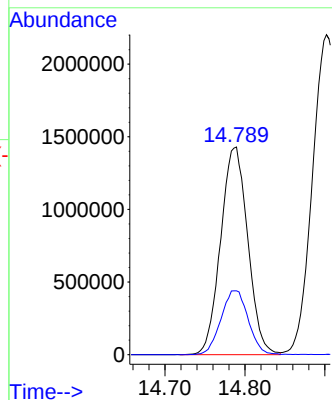
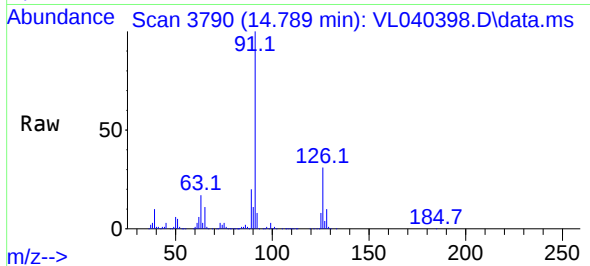




#71
2-Chlorotoluene
Concen: 10.066 ppbv
RT: 14.789 min Scan# 3111
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

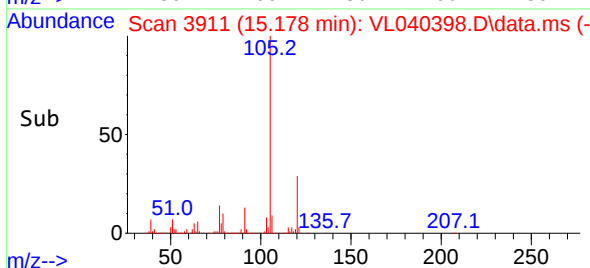
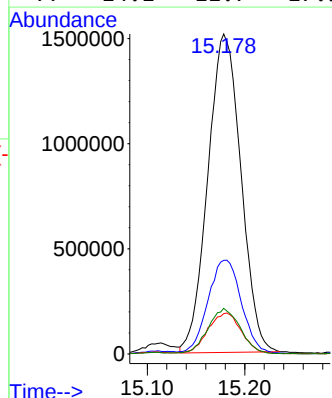
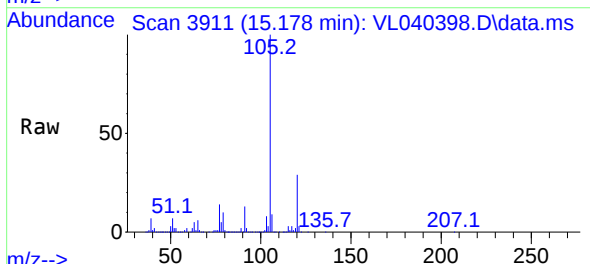
Instrument :
MSVOA_L
ClientSampleId :

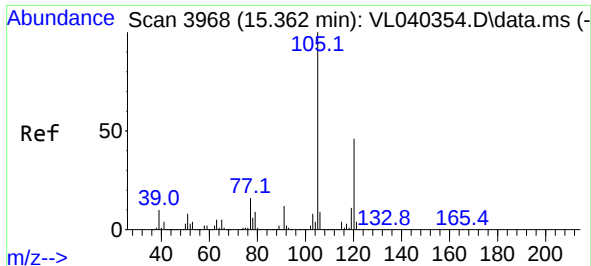
Tgt Ion: 91 Resp: 3367968
Ion Ratio Lower Upper
91 100
126 31.1 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.695 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

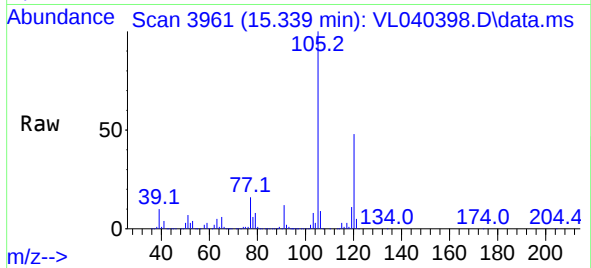
Tgt Ion: 105 Resp: 3572840
Ion Ratio Lower Upper
105 100
120 30.1 23.0 34.6
91 13.1 11.3 16.9
77 14.1 11.7 17.5



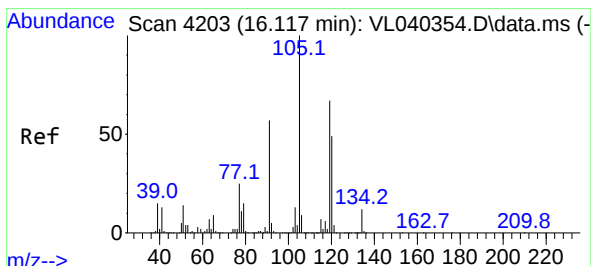
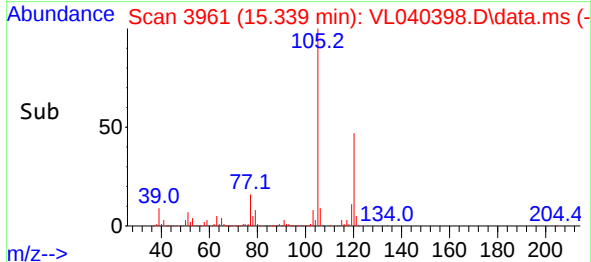
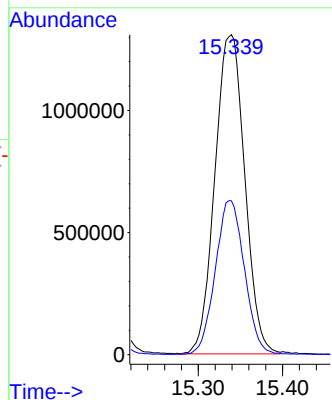


#73
 1,3,5-Trimethylbenzene
 Concen: 10.431 ppbv
 RT: 15.339 min Scan# 3968
 Delta R.T. -0.023 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Instrument :
 MSVOA_L
 ClientSampleId :

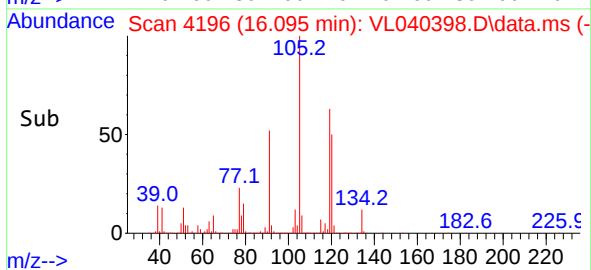
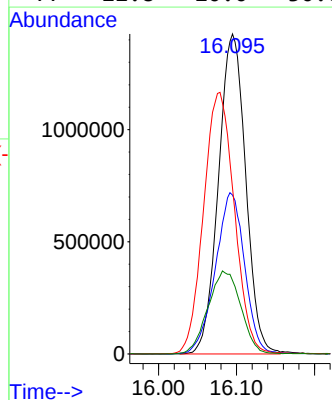
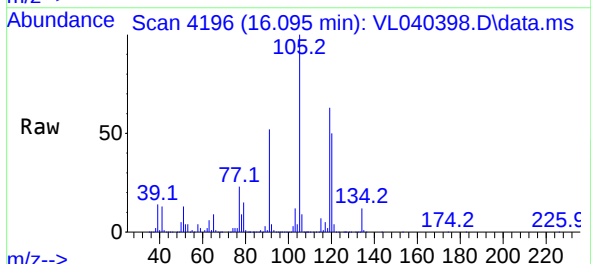


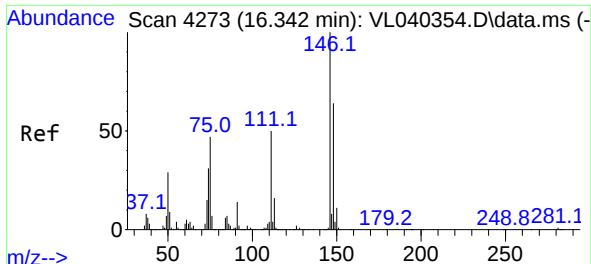
Tgt Ion:105 Resp: 3219130
 Ion Ratio Lower Upper
 105 100
 120 48.1 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 9.795 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.022 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion:105 Resp: 3454956
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.9 58.3
 91 51.5 46.0 69.0
 77 22.8 20.0 30.0

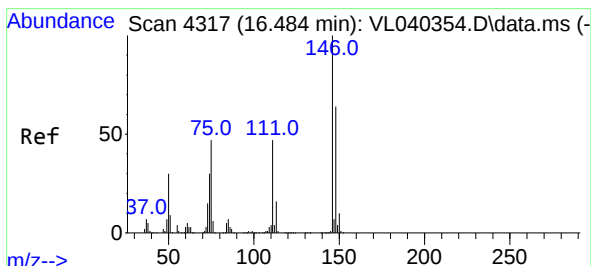
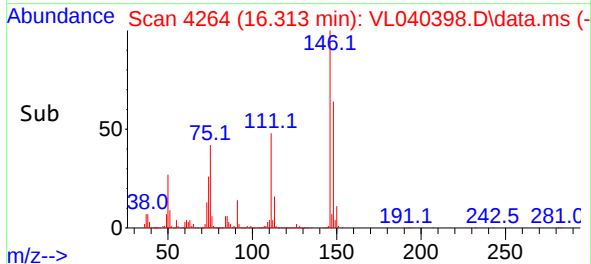
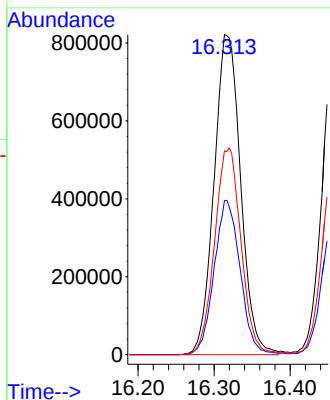
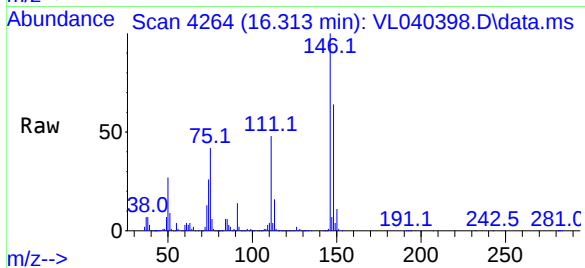




#75
1,3-Dichlorobenzene
Concen: 10.324 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

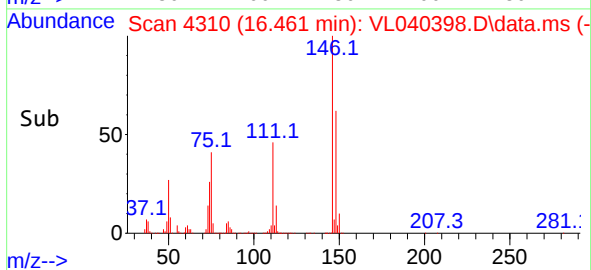
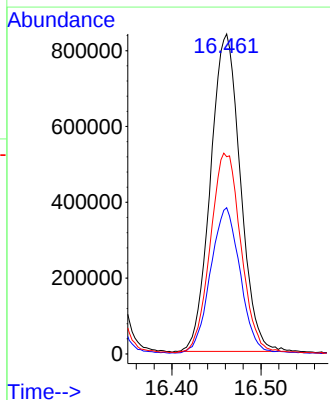
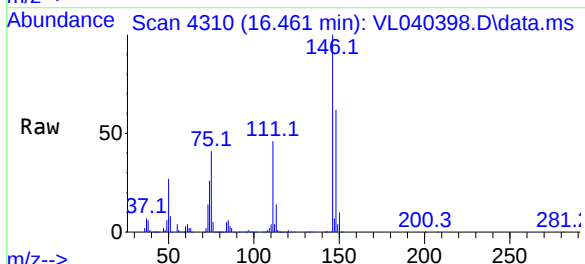
Instrument :
MSVOA_L
ClientSampleId :

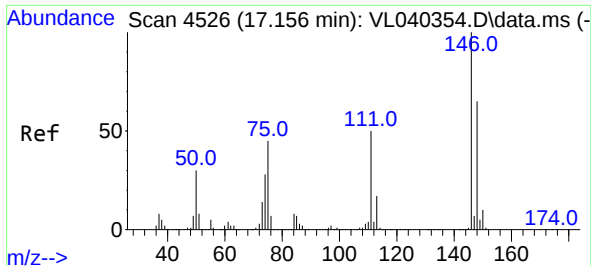
Tgt Ion:146 Resp: 1994630
Ion Ratio Lower Upper
146 100
111 47.2 24.6 74.0
148 64.4 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 10.188 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:146 Resp: 1944782
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 66.0 32.4 97.2

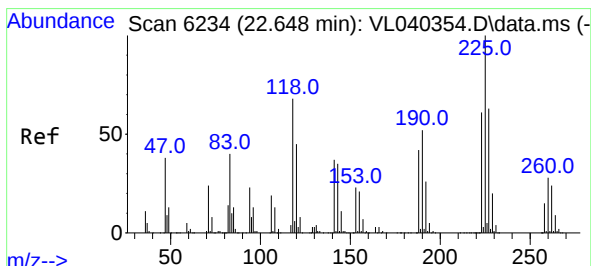
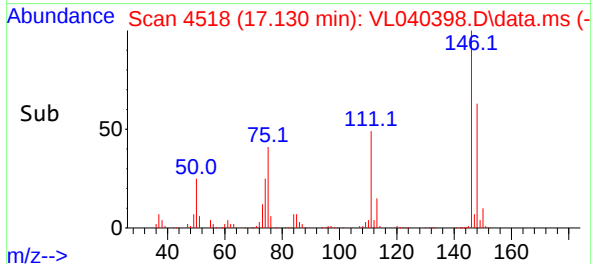
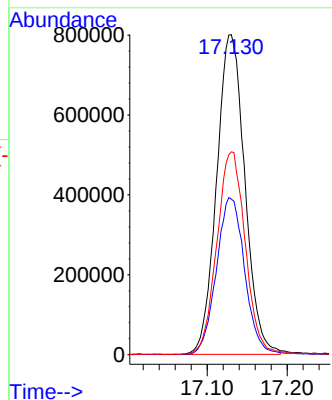
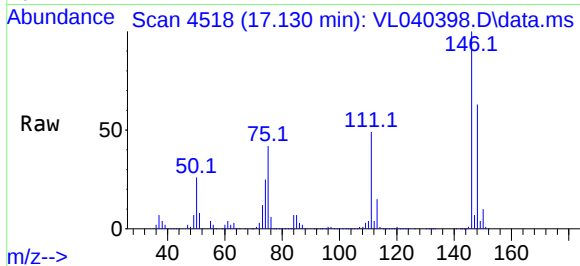




#77
1,2-Dichlorobenzene
Concen: 10.257 ppbv
RT: 17.130 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

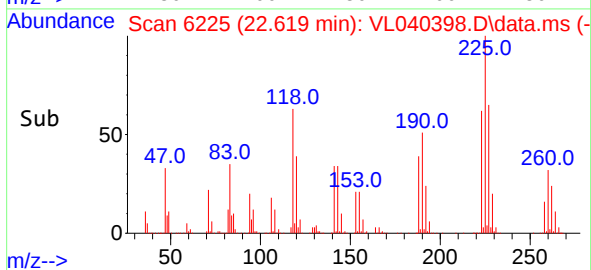
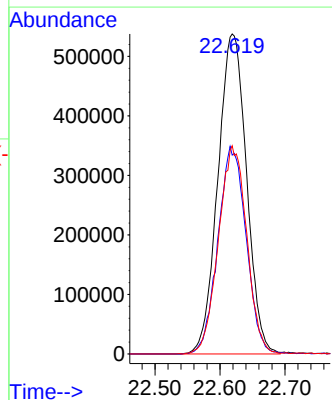
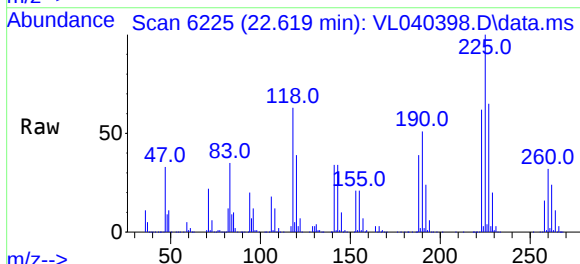
Instrument :
MSVOA_L
ClientSampleId :

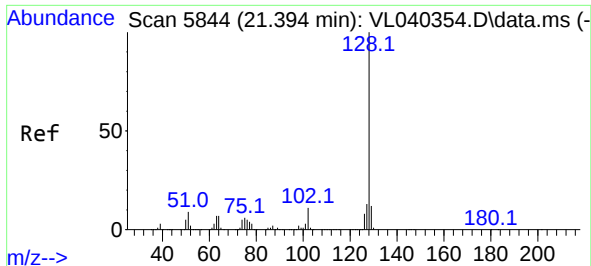
Tgt Ion:146 Resp: 1959517
Ion Ratio Lower Upper
146 100
111 49.3 25.4 76.0
148 64.3 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 10.751 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:225 Resp: 1646618
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 64.2 51.0 76.4

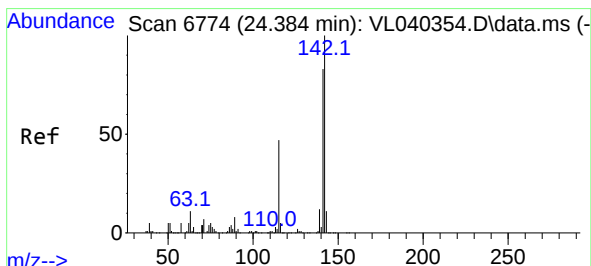
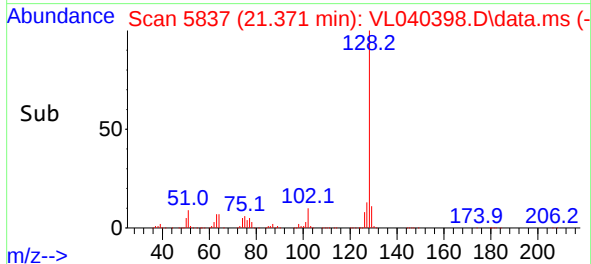
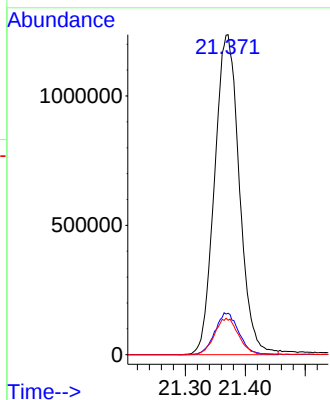
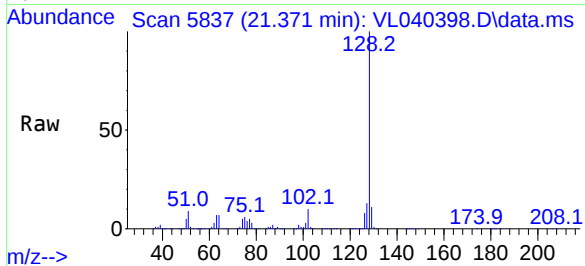




#79
Naphthalene
Concen: 14.872 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

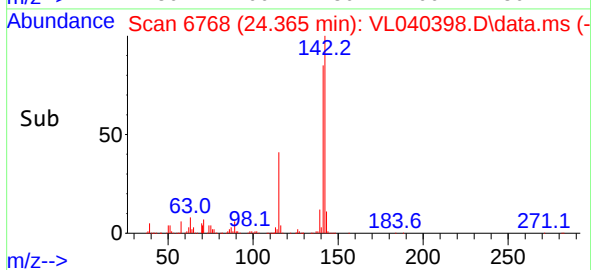
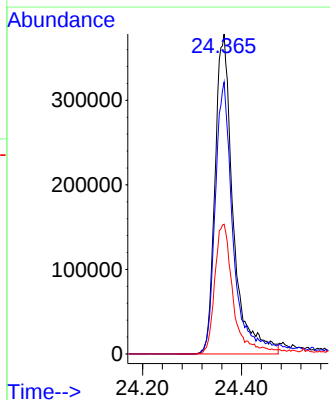
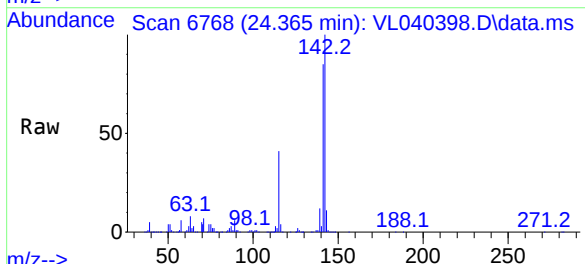
Instrument :
MSVOA_L
ClientSampleId :

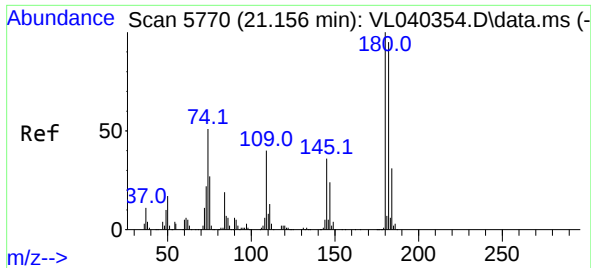
Tgt Ion:128 Resp: 3540960
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 13.535 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.019 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

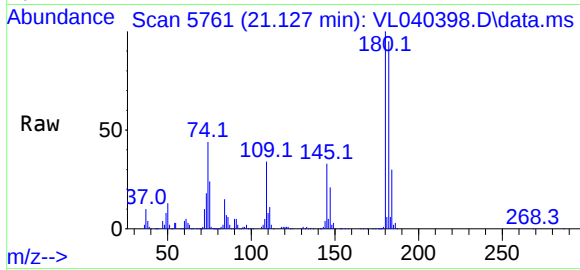
Tgt Ion:142 Resp: 959276
Ion Ratio Lower Upper
142 100
141 86.8 65.1 97.7
115 42.0 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 12.423 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1817641

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.7	116.5
184	30.3	24.2	36.2

