

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040778.D
 Acq On : 23 Oct 2023 14:37
 Operator : SY/MD
 Sample : VL1023ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 24 05:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	957861	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2707598	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2695244	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1972772	9.947	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	1547336	9.173	ppbv	98
3) Chlorodifluoromethane	2.681	51	1448642	10.291	ppbv	99
4) Chloromethane	2.816	50	548818	9.873	ppbv	96
5) Vinyl Chloride	2.922	62	567719	9.884	ppbv	98
6) Bromomethane	3.121	94	255975	10.773	ppbv	98
7) Chloroethane	3.198	64	193250	10.336	ppbv	100
8) Dichlorotetrafluoroethane	2.861	85	1341869	10.494	ppbv	97
9) Propene	2.700	41	528700	10.112	ppbv	99
10) Heptane	7.568	43	1297548	9.879	ppbv	99
11) Trichlorofluoromethane	3.562	101	1375202	10.563	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	973367	10.483	ppbv	100
13) Ethanol	3.240	45	114773	9.724	ppbv	99
14) Bromoethene	3.369	108	417703	10.504	ppbv	97
15) Acetone	3.468	43	968258	9.778	ppbv	100
16) 1,3-Butadiene	2.989	39	535156	10.302	ppbv	99
17) tert-Butyl alcohol	3.877	59	1036562	10.209	ppbv	100
18) 1,1-Dichloroethene	3.880	96	430175	10.337	ppbv	94
19) Isopropyl Alcohol	3.575	45	697884	10.948	ppbv	100
20) Methylene Chloride	3.931	84	346597	8.403	ppbv	97
21) Allyl Chloride	3.996	41	682131	10.445	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	466538	10.533	ppbv	98
23) Vinyl Acetate	4.623	43	1138002	9.018	ppbv	98
24) 1,1-Dichloroethane	4.558	63	947771	9.958	ppbv	100
25) Ethyl Acetate	5.198	43	2170253	10.003	ppbv	100
26) Hexane	5.205	57	950073	9.581	ppbv	99
27) Carbon Disulfide	4.121	76	1155920	10.565	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	711505	9.227	ppbv	100
29) Chloroform	5.269	83	1519158	10.588	ppbv	97
30) Cyclohexane	6.590	84	849027	10.062	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	967065	10.583	ppbv	97
32) 1,1,1-Trichloroethane	5.996	97	1545354	10.120	ppbv	99
34) 2-Butanone	4.780	43	1065487	8.694	ppbv	99
35) Carbon Tetrachloride	6.484	117	1651869	10.869	ppbv	97
36) Benzene	6.362	78	2117394	10.167	ppbv	100
37) 1,2-Dichloroethane	5.800	62	1160688	10.882	ppbv	99
38) Trichloroethene	7.282	130	833778	9.046	ppbv	97
39) 1,2-Dichloropropane	7.063	63	812698	9.988	ppbv	95
40) 1,4-Dioxane	7.275	88	328562	10.671	ppbv #	97
41) Tetrahydrofuran	5.549	42	852122	10.040	ppbv	98
42) Bromodichloromethane	7.240	83	1728346	10.817	ppbv	100
43) Methyl Methacrylate	7.465	69	866498	10.394	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3391246	9.629	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	753297	11.332	ppbv	99

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

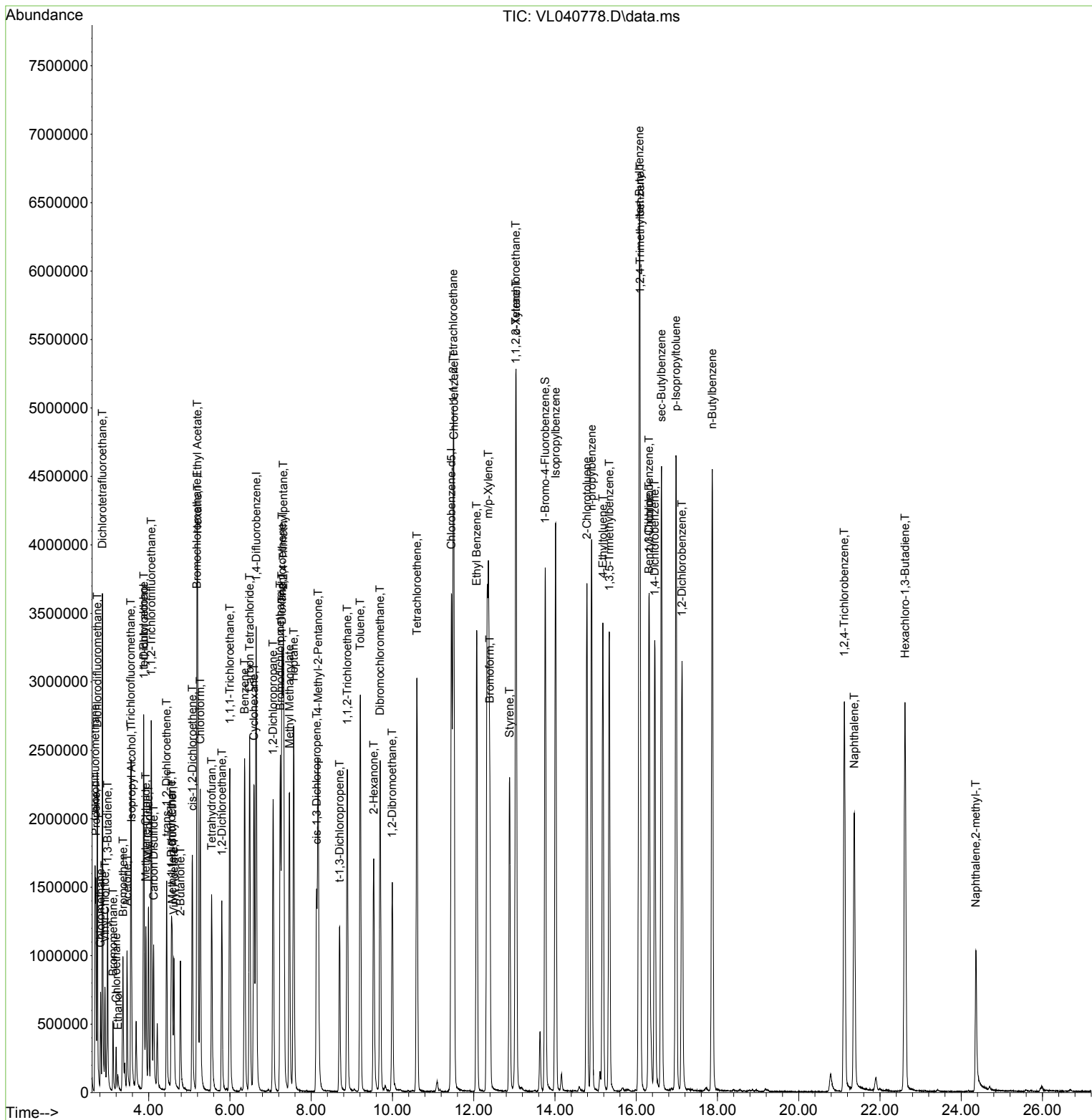
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 ClientSampleId :

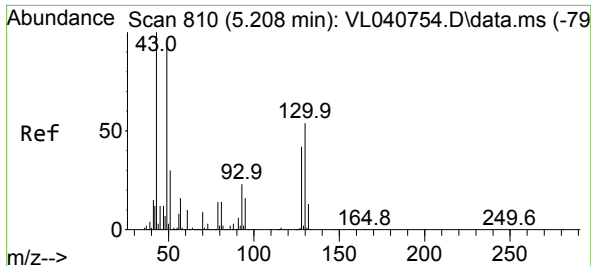
Quant Time: Oct 24 05:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	881628	10.855	ppbv	98
47) 1,1,2-Trichloroethane	8.886	97	872889	10.213	ppbv	98
48) Dibromochloromethane	9.696	129	1567472	10.944	ppbv	100
49) Bromoform	12.394	173	1276021	10.959	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2125408	10.138	ppbv	99
51) 2-Hexanone	9.539	43	1639395	10.274	ppbv #	99
52) Tetrachloroethene	10.600	164	786518	9.297	ppbv	97
53) Toluene	9.208	91	2458323	9.918	ppbv	99
54) 1,2-Dibromoethane	9.995	107	1309914	10.933	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.497	131	1102361	10.022	ppbv	97
57) Chlorobenzene	11.513	112	1915894	9.921	ppbv	97
58) Ethyl Benzene	12.073	91	3291618	9.700	ppbv	98
59) m/p-Xylene	12.359	91	2273104	8.139	ppbv #	3
60) o-Xylene	13.044	91	2559468	9.618	ppbv	99
61) Styrene	12.886	104	1490848	10.111	ppbv	100
62) Isopropylbenzene	14.018	105	3937790	9.618	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1816667	9.105	ppbv	99
64) n-propylbenzene	14.905	120	1088979	9.902	ppbv	99
65) tert-Butylbenzene	16.076	119	3463324	9.379	ppbv	99
66) Benzyl Chloride	16.310	91	362458	9.743	ppbv	99
67) sec-Butylbenzene	16.622	105	4873250	9.639	ppbv	99
69) p-Isopropyltoluene	16.979	119	4086959	9.647	ppbv	100
70) n-Butylbenzene	17.870	91	4100178	9.857	ppbv	99
71) 2-Chlorotoluene	14.786	91	2983800	9.702	ppbv	100
72) 4-Ethyltoluene	15.179	105	3137655	10.068	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2716928	9.902	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2921090	9.744	ppbv	99
75) 1,3-Dichlorobenzene	16.314	146	1818491	9.754	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1792396	9.707	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1751067	9.572	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	851775	6.507	ppbv	100
79) Naphthalene	21.368	128	2767952	11.359	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	887064	12.972	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1367354	10.335	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
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QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

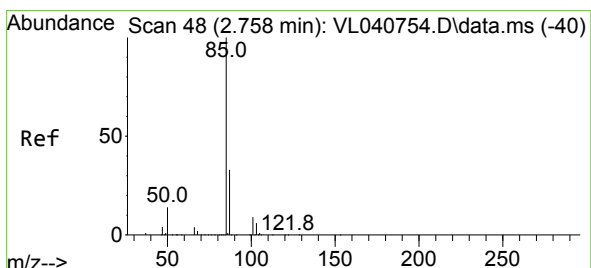
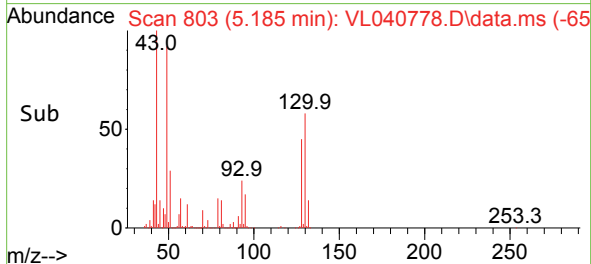
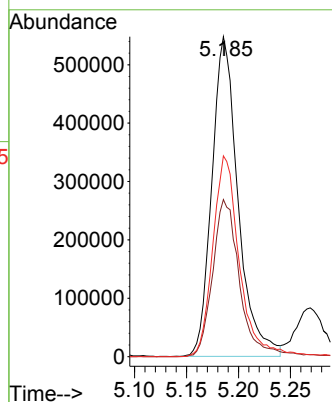
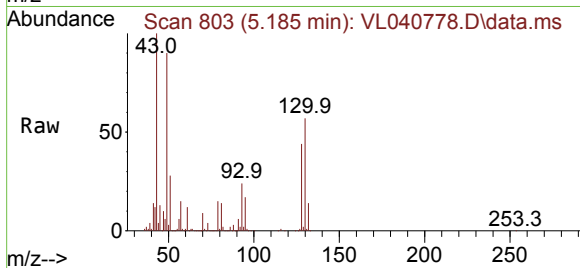




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

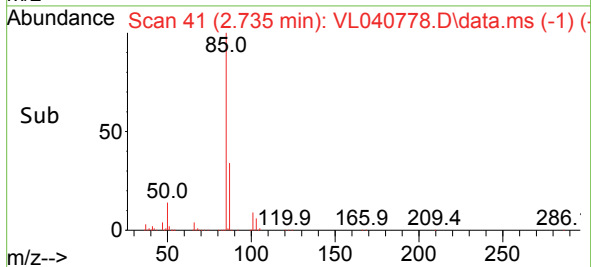
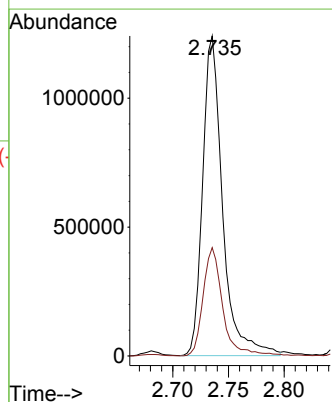
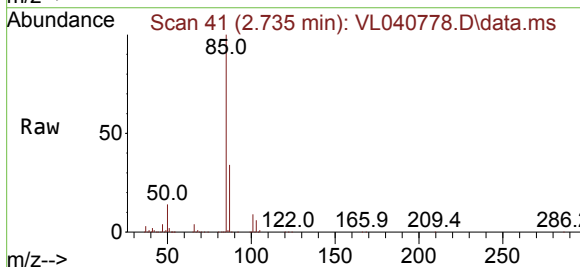
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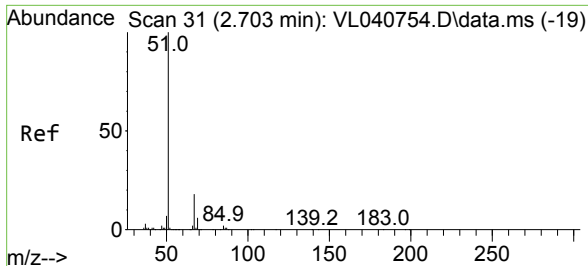
Tgt Ion: 49 Resp: 957861
 Ion Ratio Lower Upper
 49 100
 128 51.7 23.9 71.7
 130 65.0 30.7 92.1



#2
 Dichlorodifluoromethane
 Concen: 9.173 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 85 Resp: 1547336
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.0 39.0

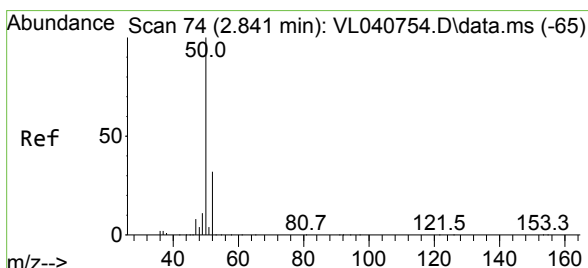
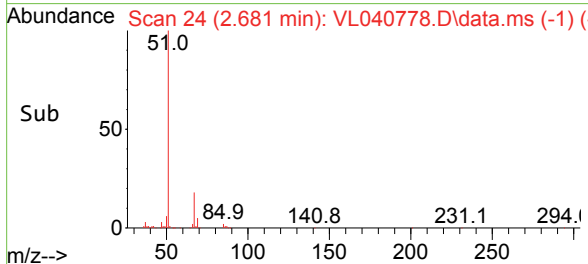
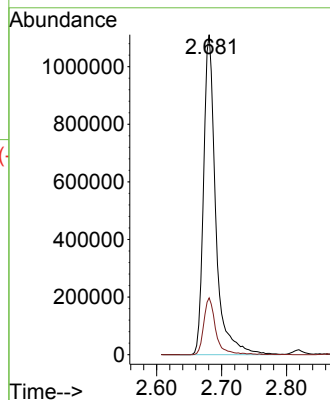
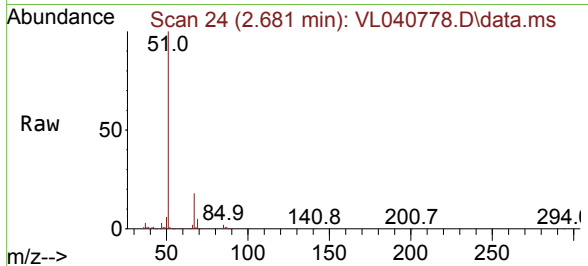




#3
Chlorodifluoromethane
Concen: 10.291 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

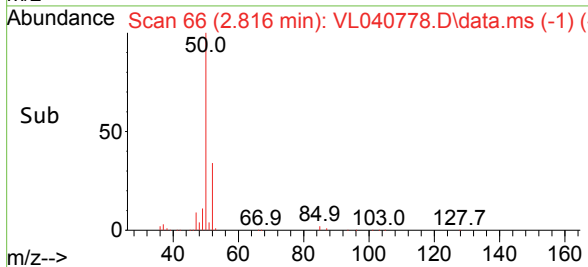
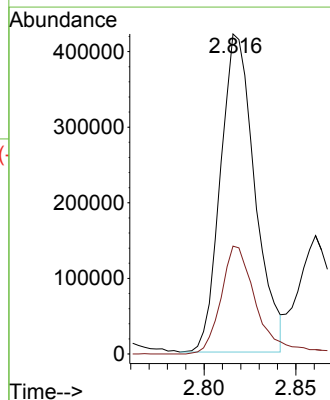
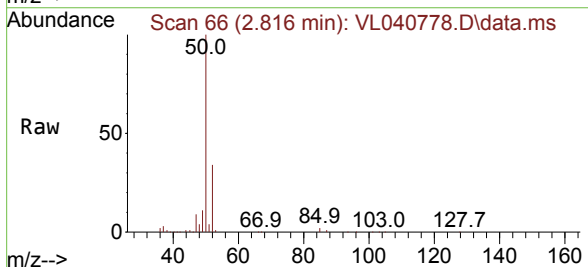
Instrument :
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ClientSampleId :

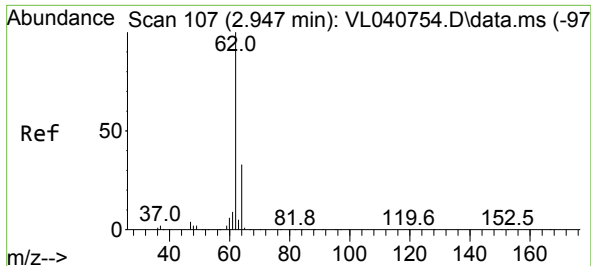
Tgt Ion: 51 Resp: 1448642
Ion Ratio Lower Upper
51 100
67 17.6 13.8 20.6



#4
Chloromethane
Concen: 9.873 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 50 Resp: 548818
Ion Ratio Lower Upper
50 100
52 33.9 25.3 37.9

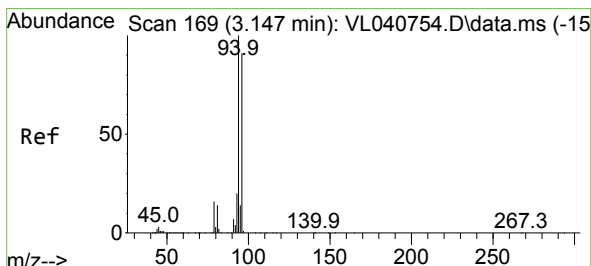
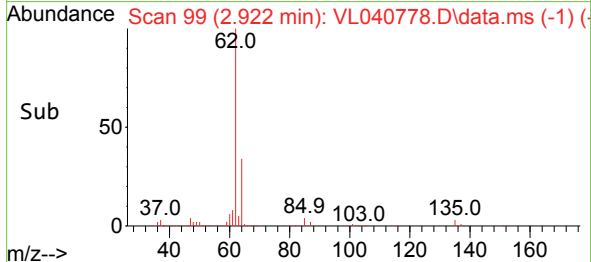
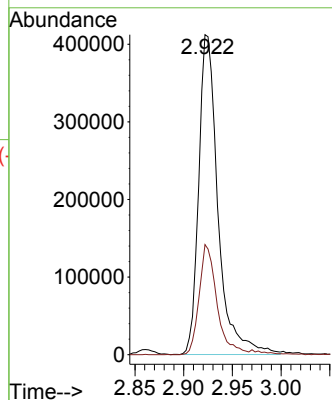
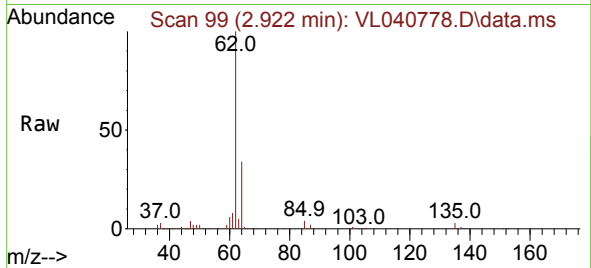




#5
 Vinyl Chloride
 Concen: 9.884 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

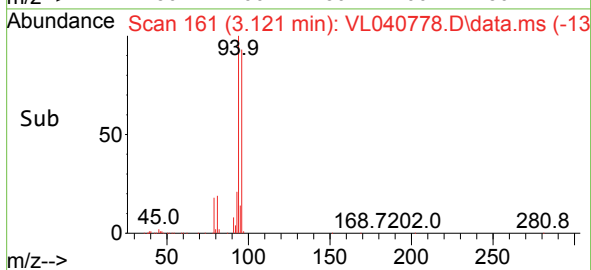
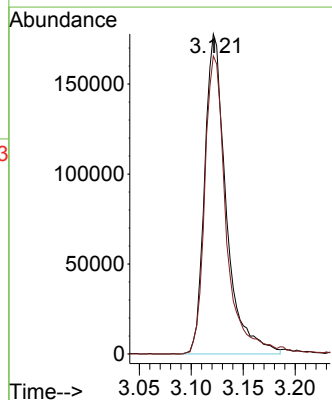
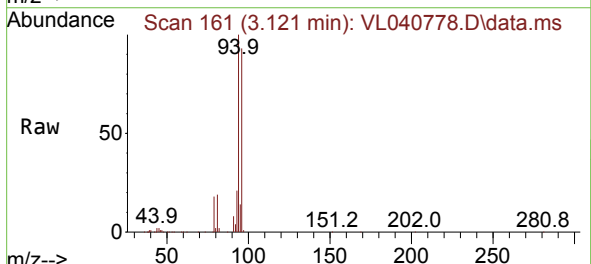
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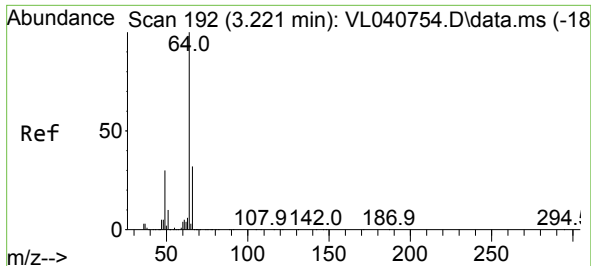
Tgt Ion: 62 Resp: 567719
 Ion Ratio Lower Upper
 62 100
 64 34.4 26.6 39.8



#6
 Bromomethane
 Concen: 10.773 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 94 Resp: 255975
 Ion Ratio Lower Upper
 94 100
 96 93.1 72.6 109.0

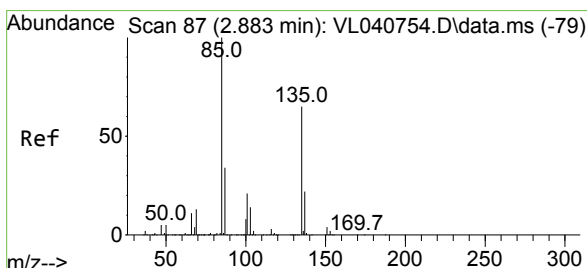
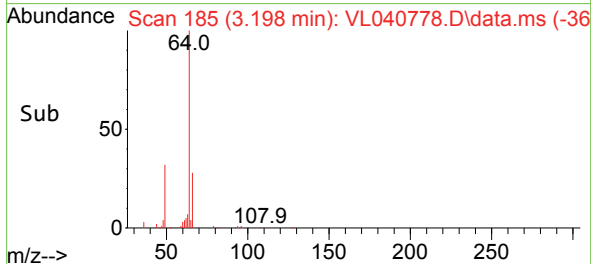
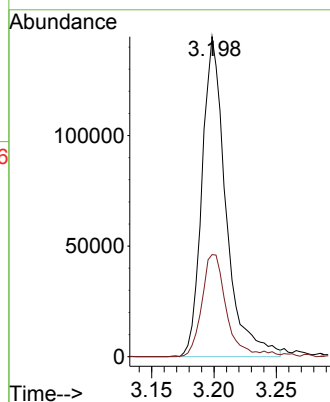
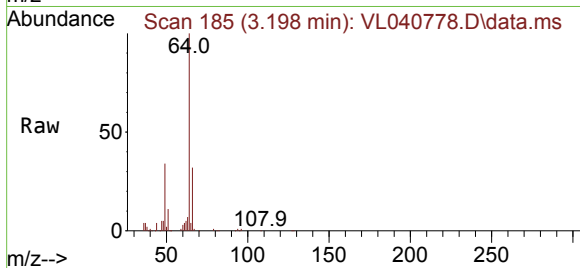




#7
Chloroethane
Concen: 10.336 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

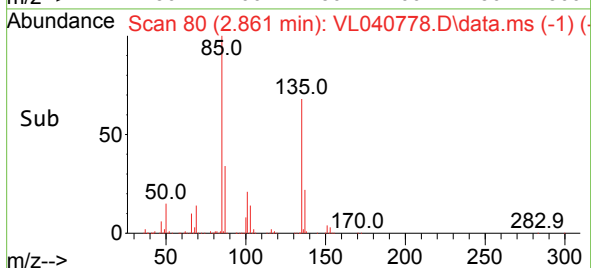
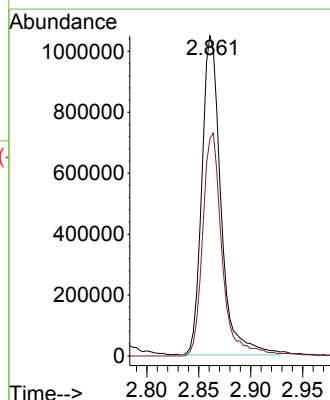
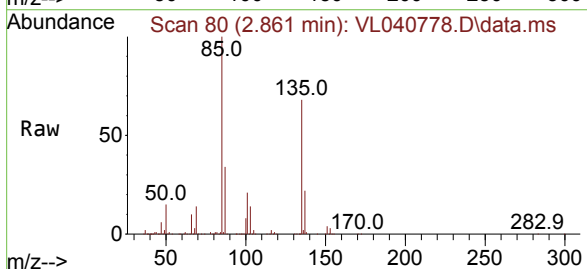
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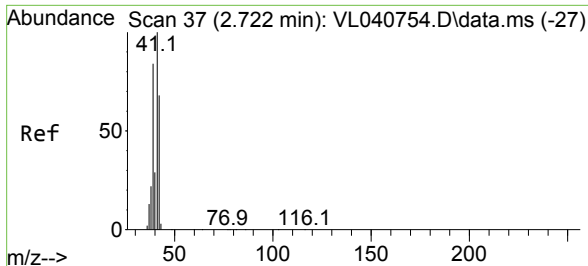
Tgt Ion: 64 Resp: 193250
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.494 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 85 Resp: 1341869
Ion Ratio Lower Upper
85 100
135 72.0 55.4 83.2

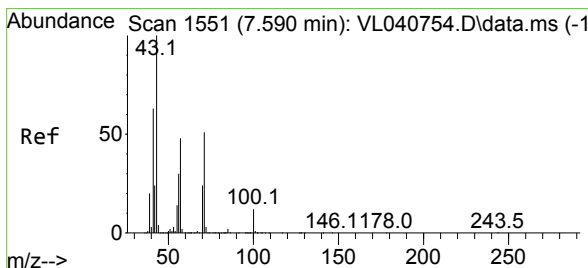
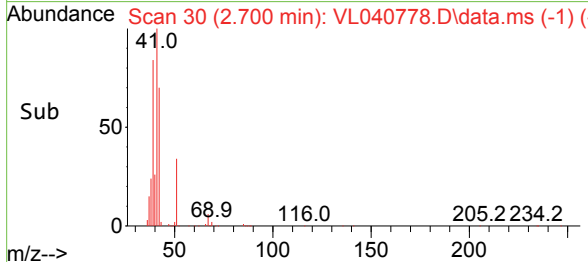
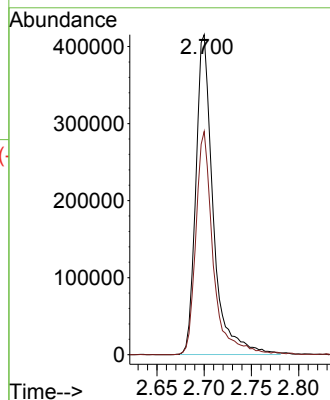
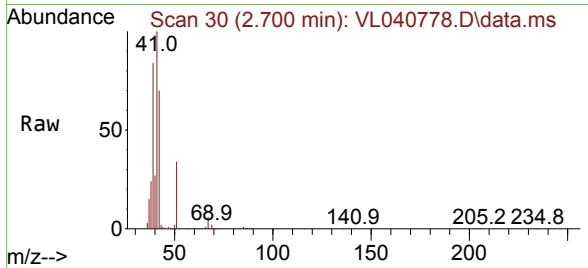




#9
 Propene
 Concen: 10.112 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

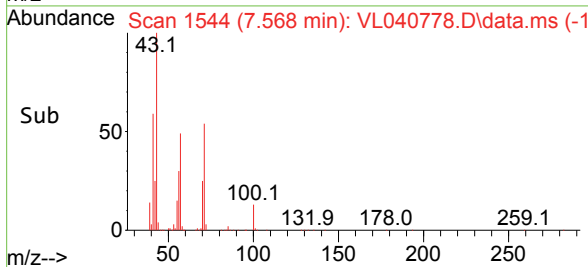
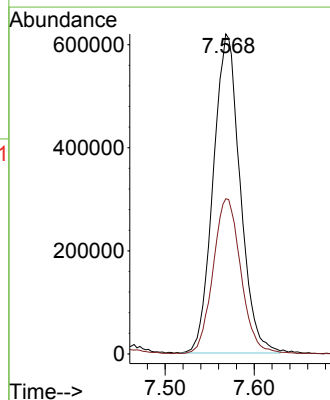
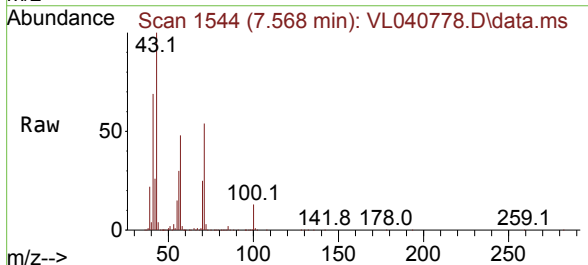
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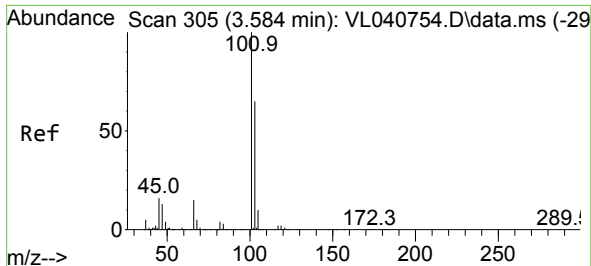
Tgt Ion: 41 Resp: 528700
 Ion Ratio Lower Upper
 41 100
 42 70.4 57.1 85.7



#10
 Heptane
 Concen: 9.879 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 43 Resp: 1297548
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.0 60.0

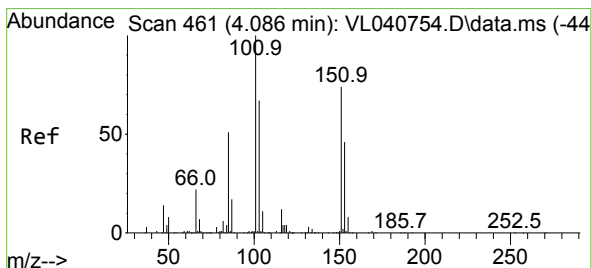
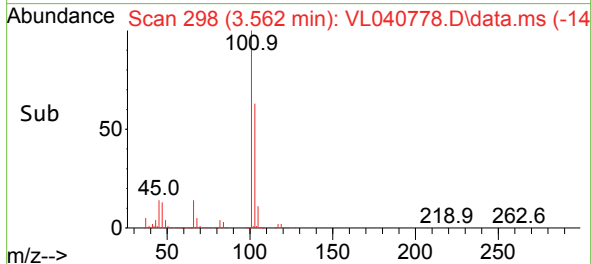
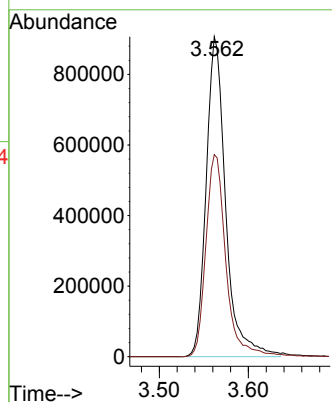
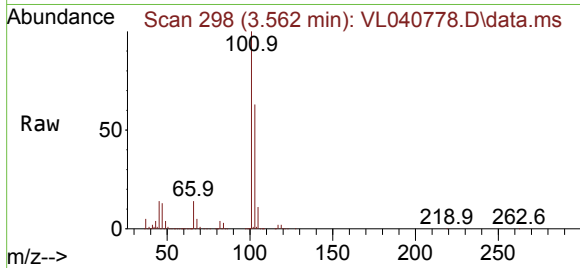




#11
 Trichlorofluoromethane
 Concen: 10.563 ppbv
 RT: 3.562 min Scan# 298
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

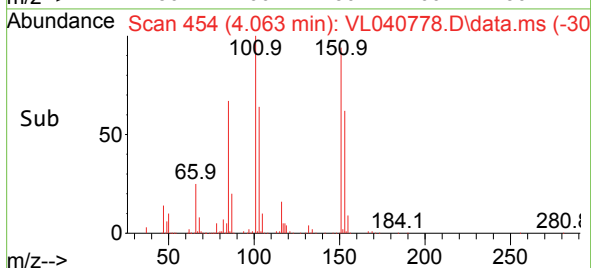
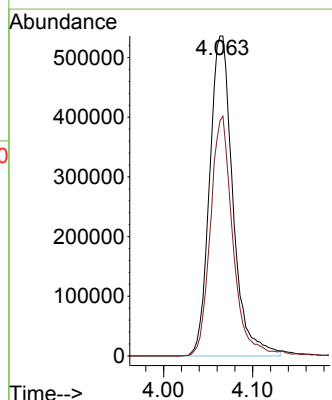
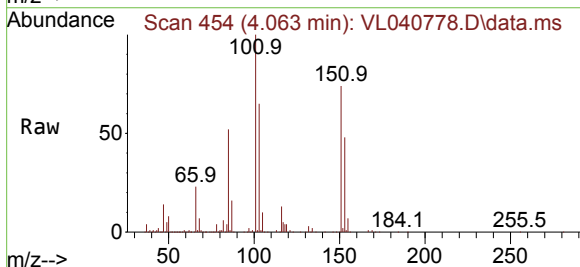
Instrument :
 MSVOA_L
 ClientSampleId :

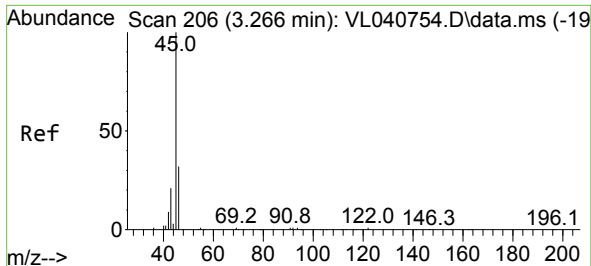
Tgt Ion:101 Resp: 1375202
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.483 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

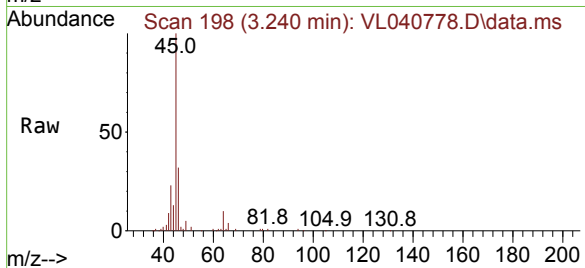
Tgt Ion:101 Resp: 973367
 Ion Ratio Lower Upper
 101 100
 151 73.0 58.1 87.1



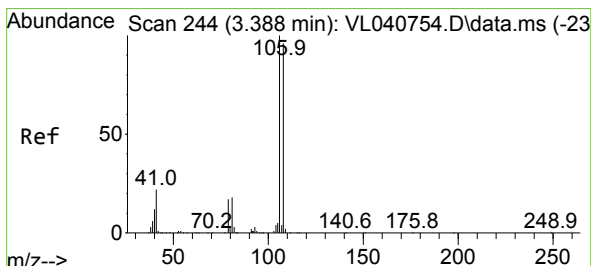
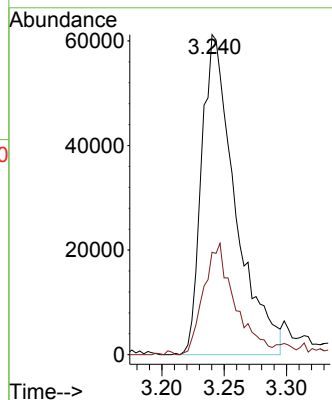
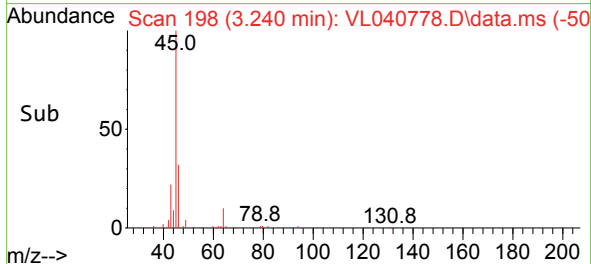


#13
Ethanol
Concen: 9.724 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

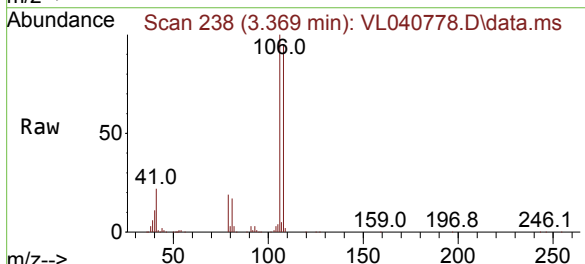
Instrument :
MSVOA_L
ClientSampleId :



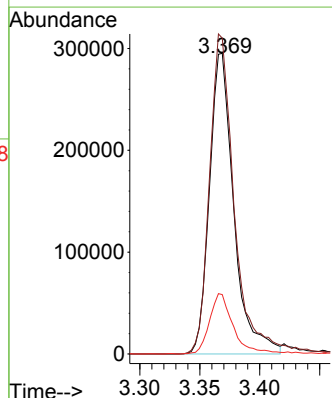
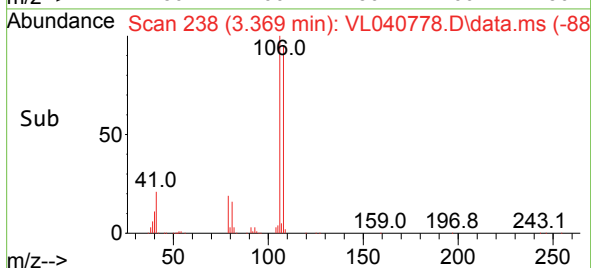
Tgt Ion: 45 Resp: 114773
Ion Ratio Lower Upper
45 100
46 36.1 14.6 58.2

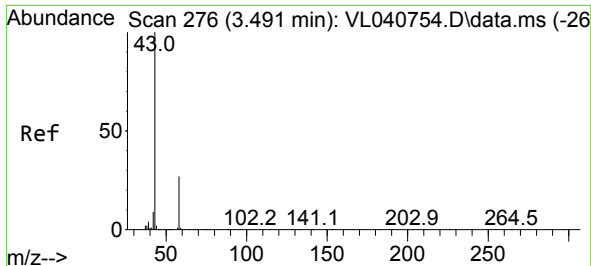


#14
Bromoethene
Concen: 10.504 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion: 108 Resp: 417703
Ion Ratio Lower Upper
108 100
106 109.9 85.2 127.8
79 20.3 15.7 23.5

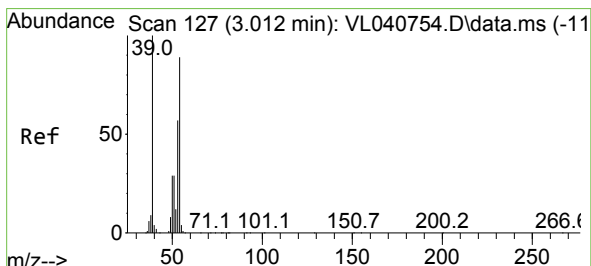
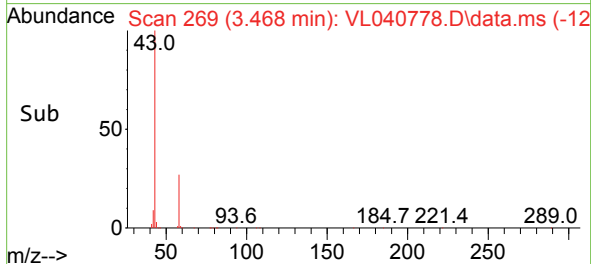
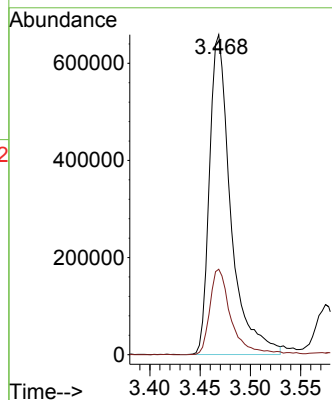
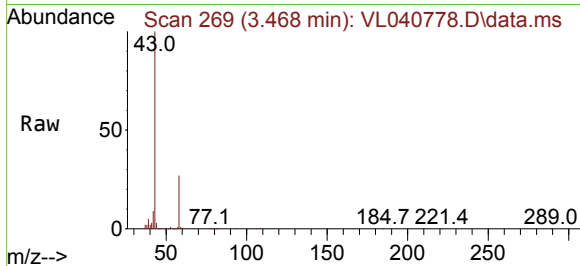




#15
Acetone
Concen: 9.778 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

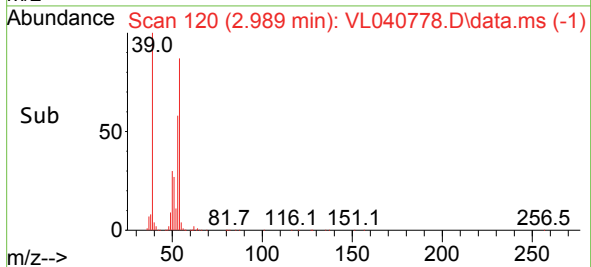
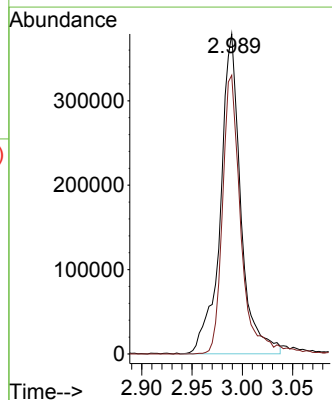
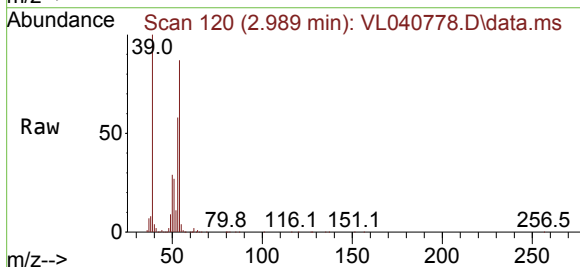
Instrument :
MSVOA_L
ClientSampleId :

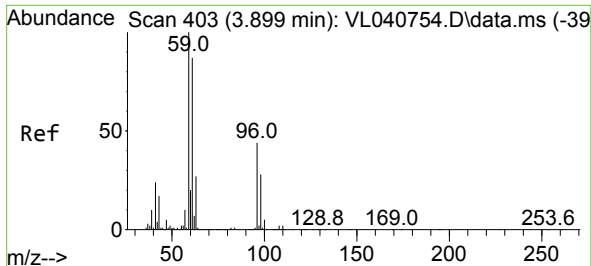
Tgt Ion: 43 Resp: 968258
Ion Ratio Lower Upper
43 100
58 27.1 21.6 32.4



#16
1,3-Butadiene
Concen: 10.302 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 39 Resp: 535156
Ion Ratio Lower Upper
39 100
54 79.8 63.0 94.6





#17

tert-Butyl alcohol

Concen: 10.209 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

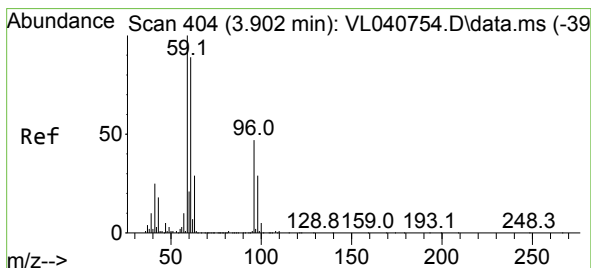
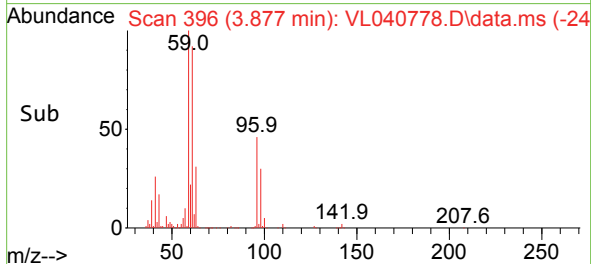
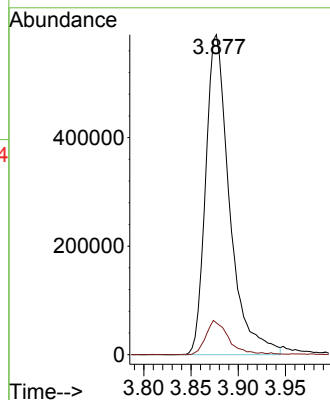
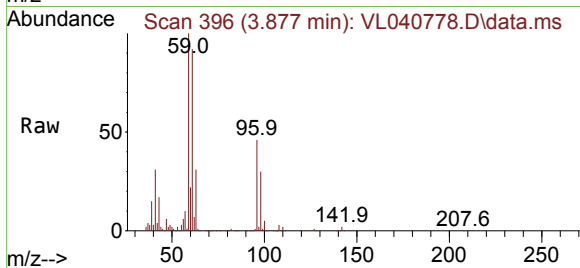
ClientSampleId :

Tgt Ion: 59 Resp: 1036562

Ion Ratio Lower Upper

59 100

57 10.7 8.6 13.0



#18

1,1-Dichloroethene

Concen: 10.337 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

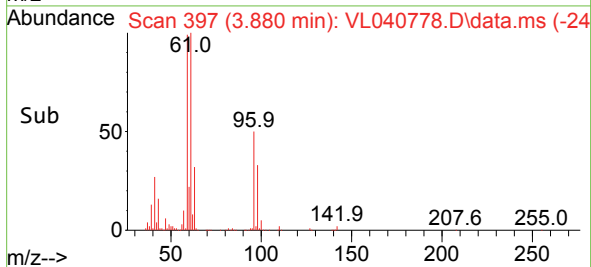
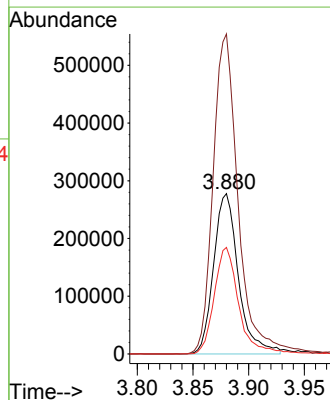
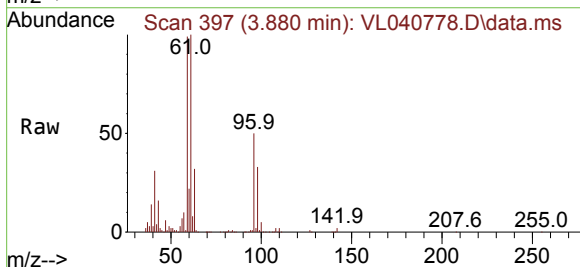
Tgt Ion: 96 Resp: 430175

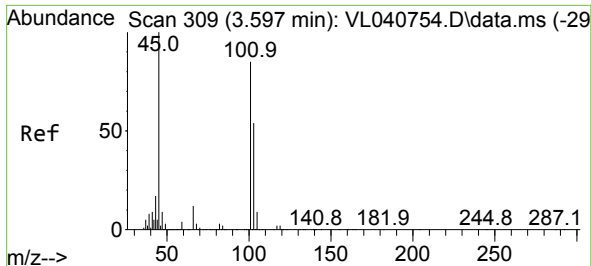
Ion Ratio Lower Upper

96 100

61 199.5 152.5 228.7

98 66.5 49.6 74.4

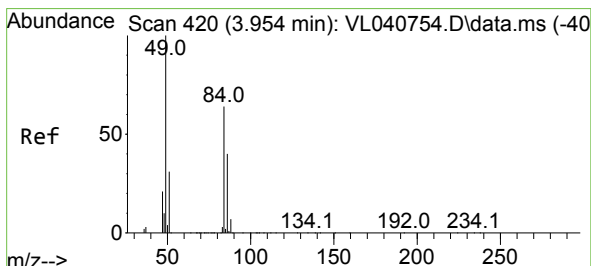
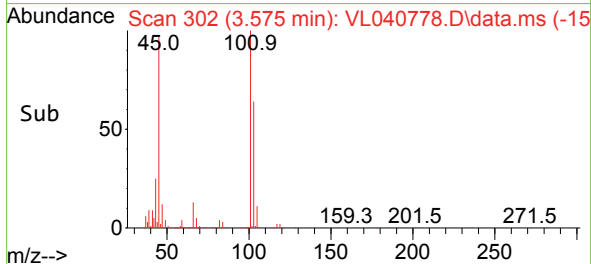
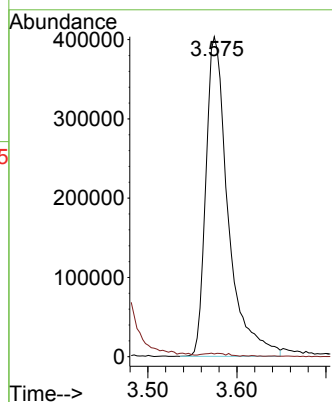
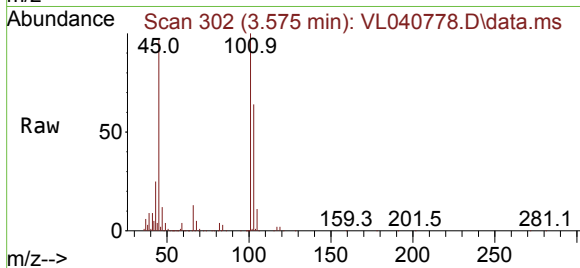




#19
Isopropyl Alcohol
Concen: 10.948 ppbv
RT: 3.575 min Scan# 309
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

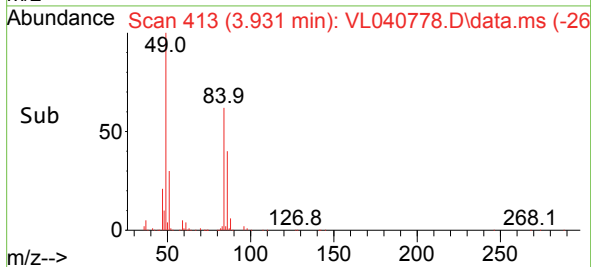
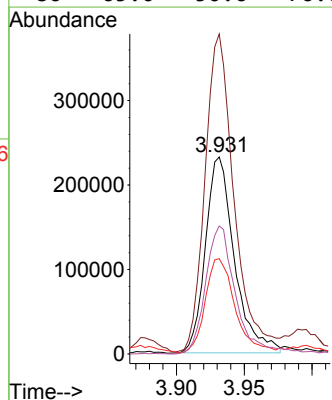
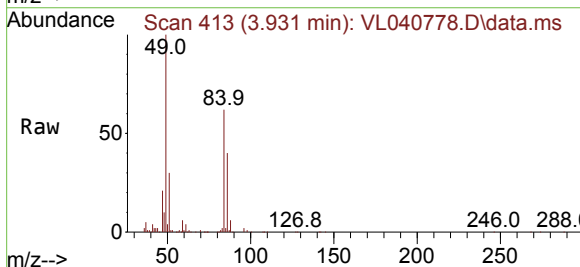
Instrument :
MSVOA_L
ClientSampleId :

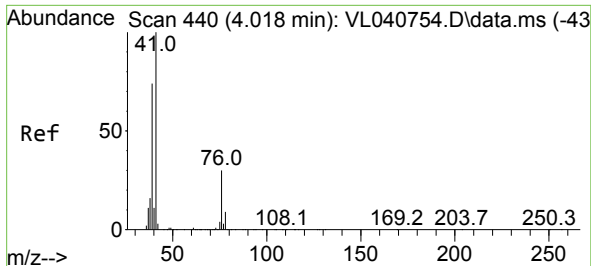
Tgt Ion: 45 Resp: 697884
Ion Ratio Lower Upper
45 100
58 37.6 30.3 45.5



#20
Methylene Chloride
Concen: 8.403 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 84 Resp: 346597
Ion Ratio Lower Upper
84 100
49 161.8 125.6 188.4
51 47.9 38.9 58.3
86 65.0 50.6 76.0

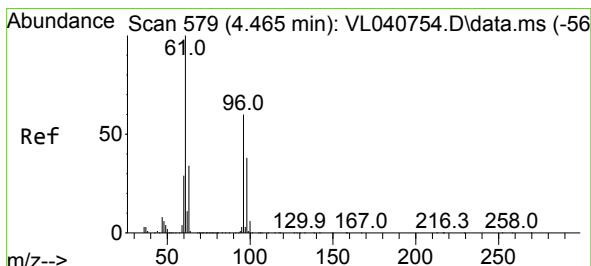
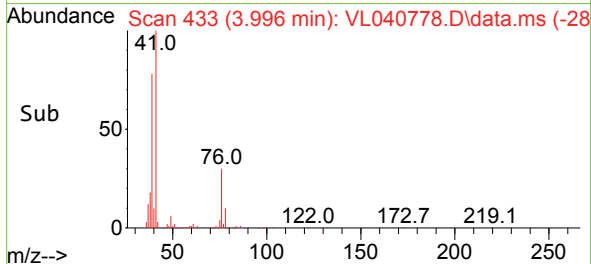
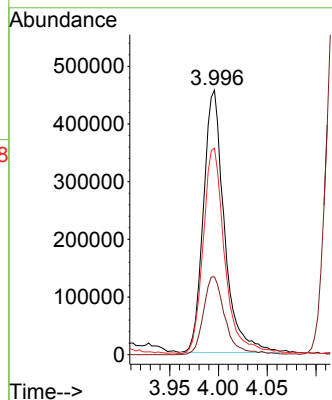
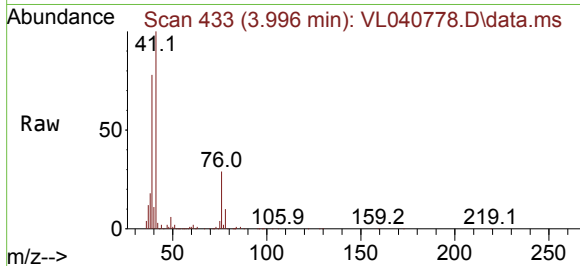




#21
 Allyl Chloride
 Concen: 10.445 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

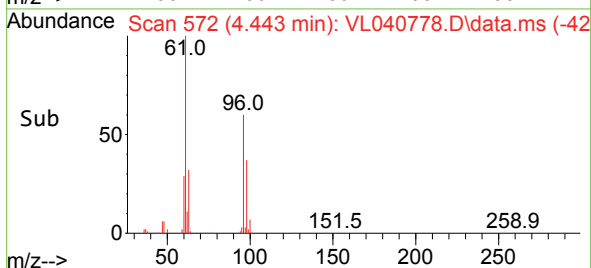
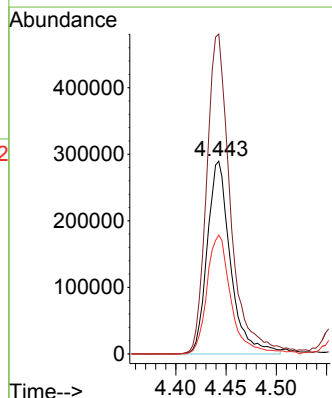
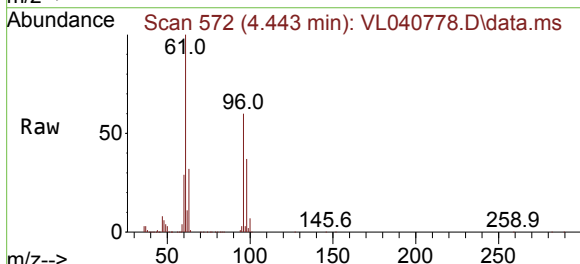
Instrument :
 MSVOA_L
 ClientSampleId :

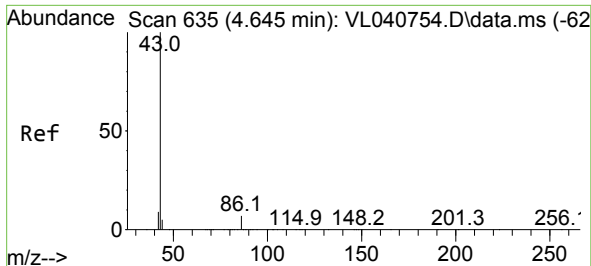
Tgt Ion: 41 Resp: 682131
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.1 36.1
 39 80.9 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.533 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

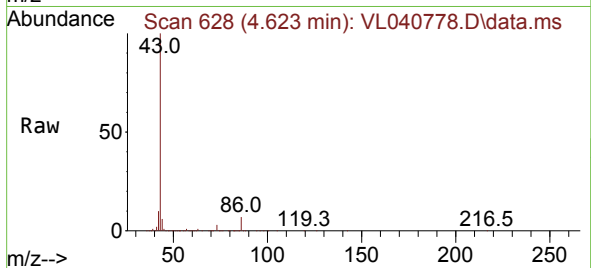
Tgt Ion: 96 Resp: 466538
 Ion Ratio Lower Upper
 96 100
 61 165.9 134.0 201.0
 98 61.6 51.0 76.4





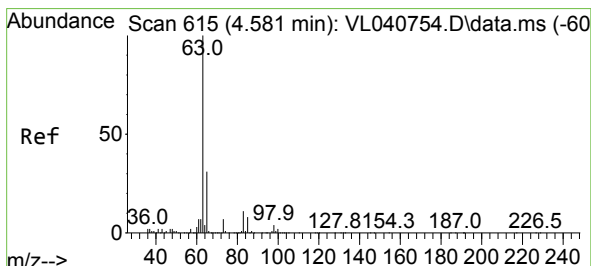
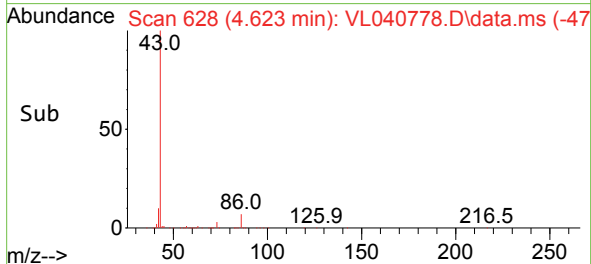
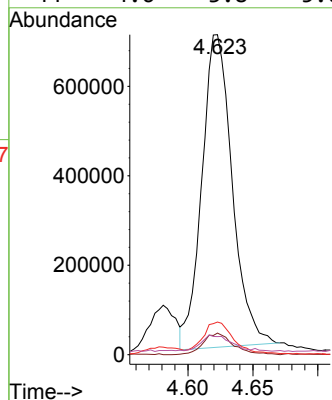
#23
 Vinyl Acetate
 Concen: 9.018 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1138002

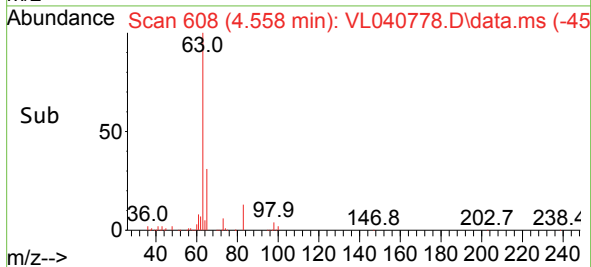
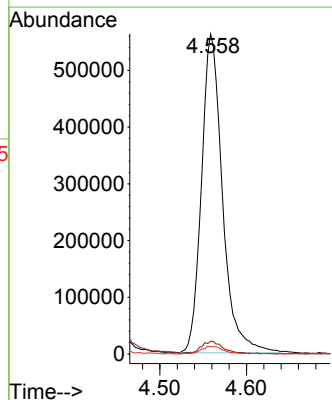
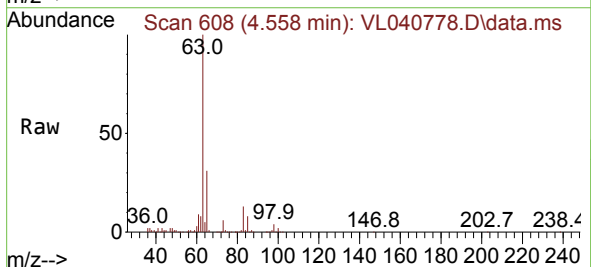
Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.9	7.3
42	10.2	7.8	11.6
44	4.6	3.8	5.6

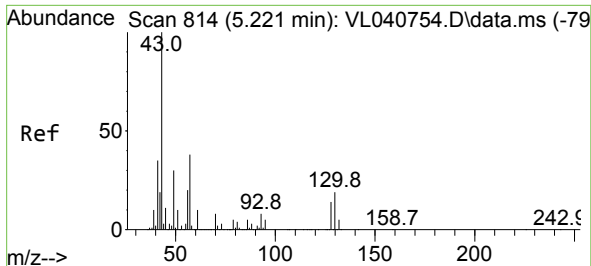


#24
 1,1-Dichloroethane
 Concen: 9.958 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 63 Resp: 947771

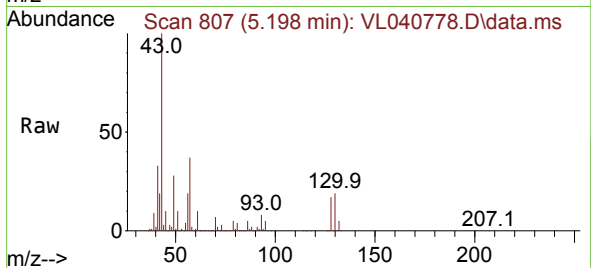
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.0	5.8
100	2.3	1.3	3.8





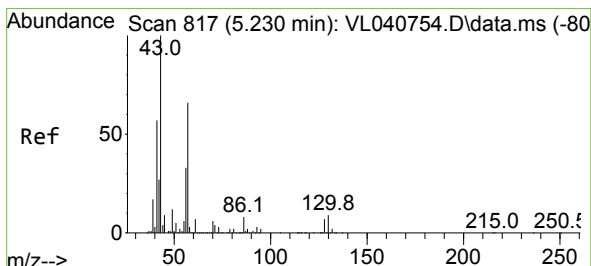
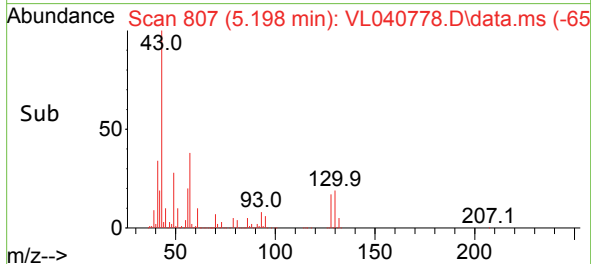
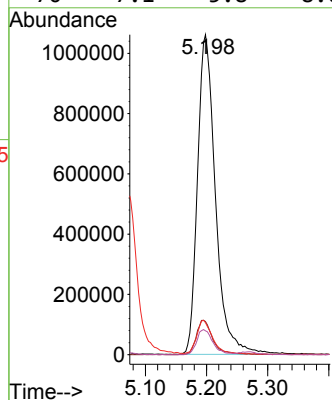
#25
Ethyl Acetate
Concen: 10.003 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2170253

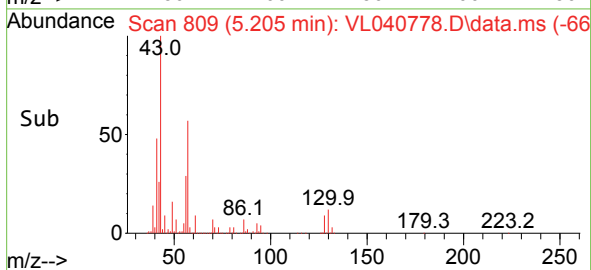
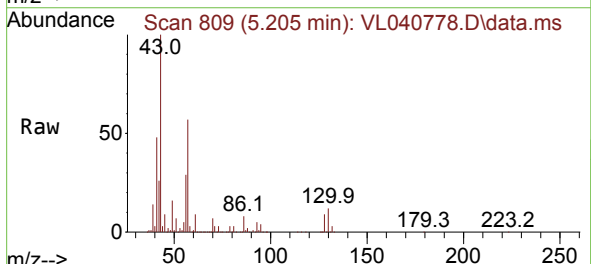
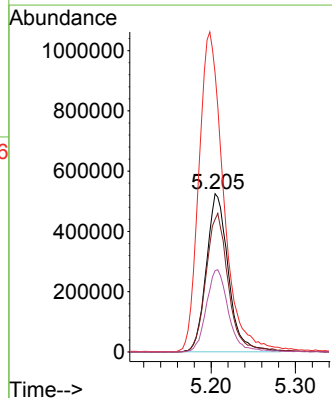
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.4
61	10.1	8.2	12.2
70	7.1	5.8	8.6

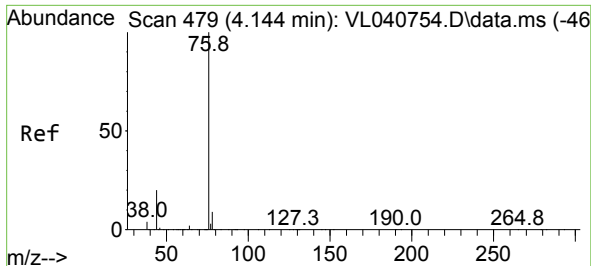


#26
Hexane
Concen: 9.581 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 57 Resp: 950073

Ion	Ratio	Lower	Upper
57	100		
41	90.0	71.4	107.2
43	228.9	182.3	273.5
56	53.0	42.0	63.0

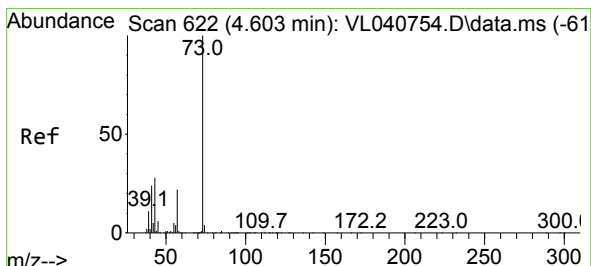
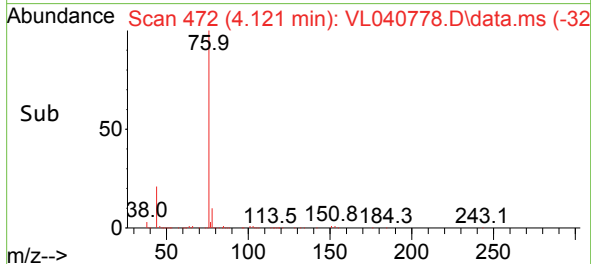
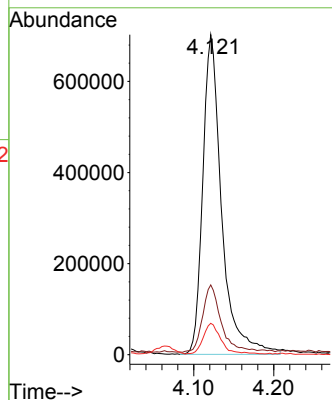
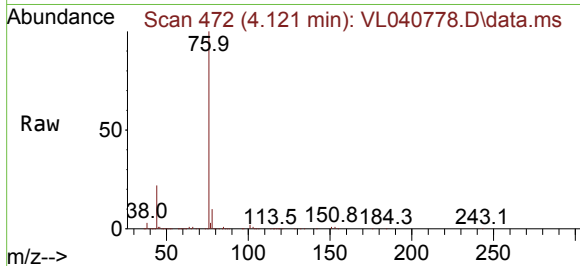




#27
Carbon Disulfide
Concen: 10.565 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

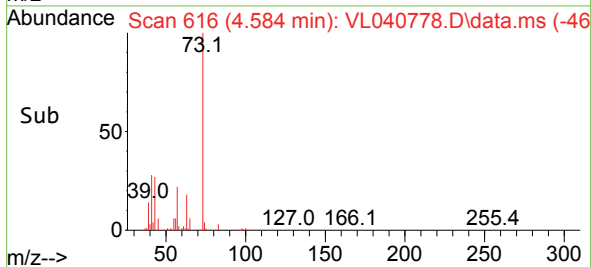
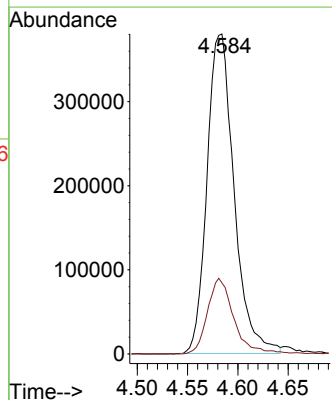
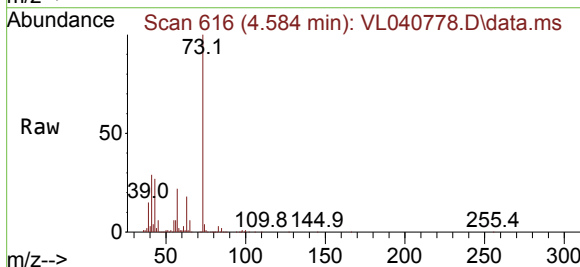
Instrument :
MSVOA_L
ClientSampleId :

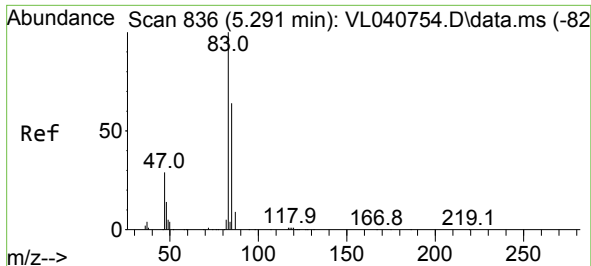
Tgt Ion: 76 Resp: 1155920
Ion Ratio Lower Upper
76 100
44 21.1 16.6 25.0
78 9.8 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.227 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 73 Resp: 711505
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 10.588 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

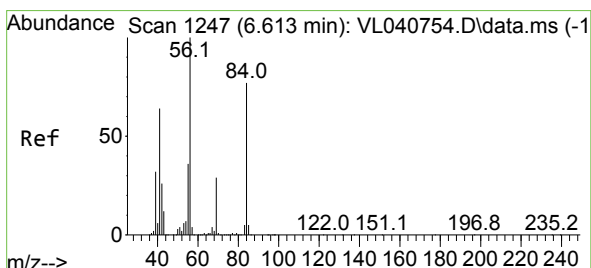
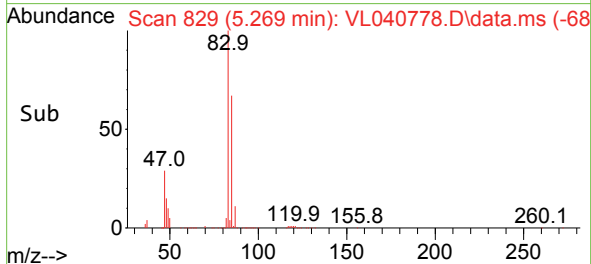
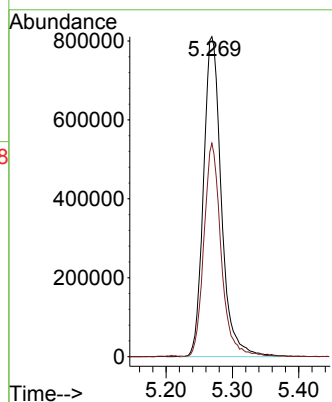
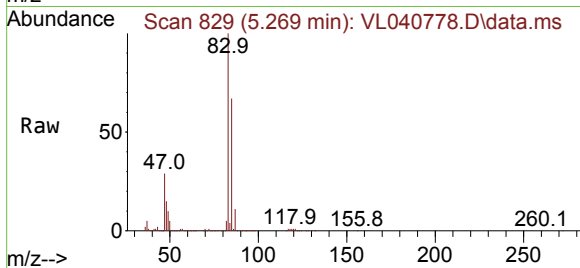
ClientSampleId :

Tgt Ion: 83 Resp: 1519158

Ion Ratio Lower Upper

83 100

85 66.5 51.3 76.9



#30

Cyclohexane

Concen: 10.062 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

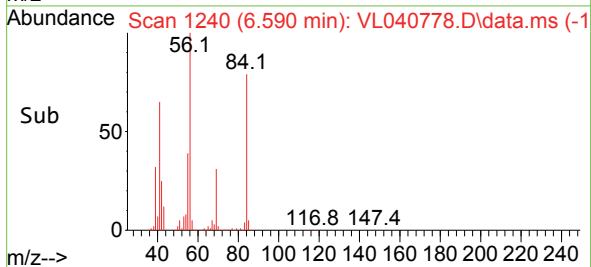
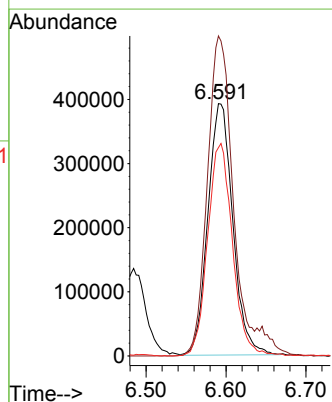
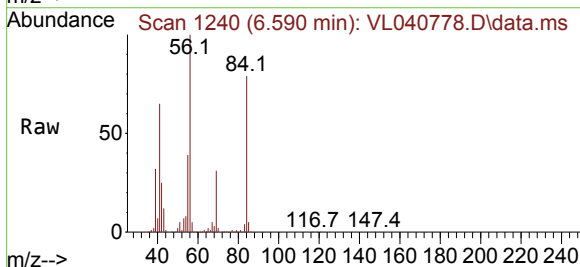
Tgt Ion: 84 Resp: 849027

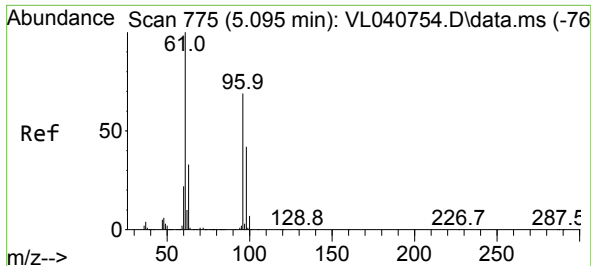
Ion Ratio Lower Upper

84 100

56 135.5 110.3 165.5

41 84.5 67.4 101.2

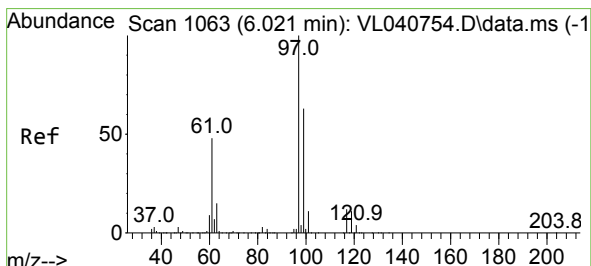
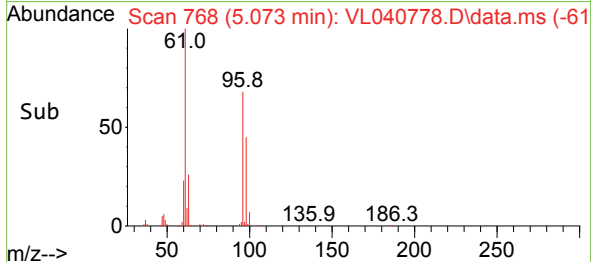
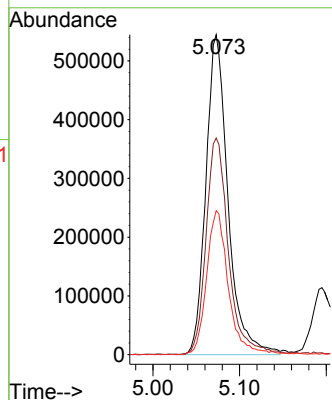
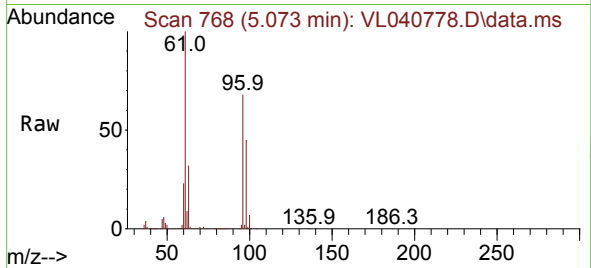




#31
 cis-1,2-Dichloroethene
 Concen: 10.583 ppbv
 RT: 5.073 min Scan# 70
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

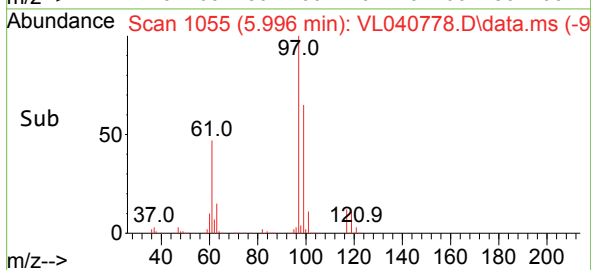
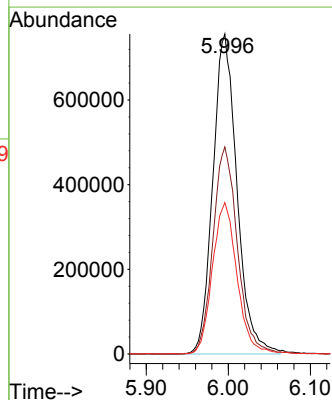
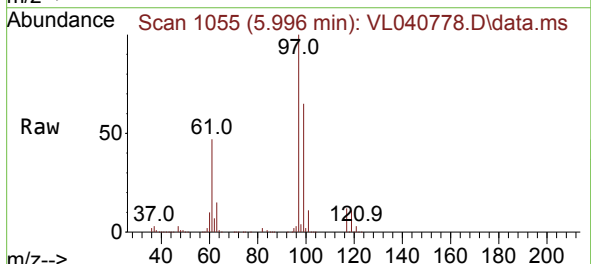
Instrument :
 MSVOA_L
 ClientSampleId :

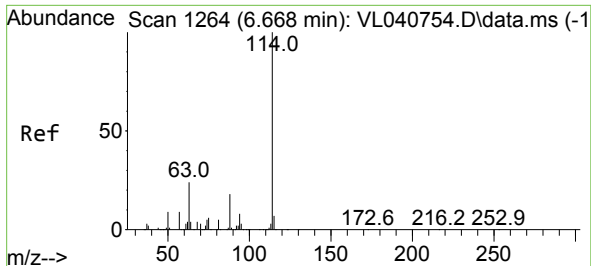
Tgt Ion: 61 Resp: 967065
 Ion Ratio Lower Upper
 61 100
 96 67.5 55.1 82.7
 98 44.9 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.120 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 97 Resp: 1545354
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.8 77.6
 61 48.6 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

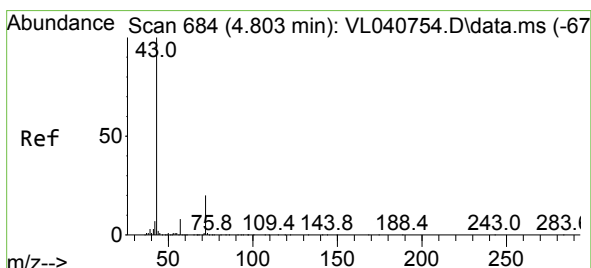
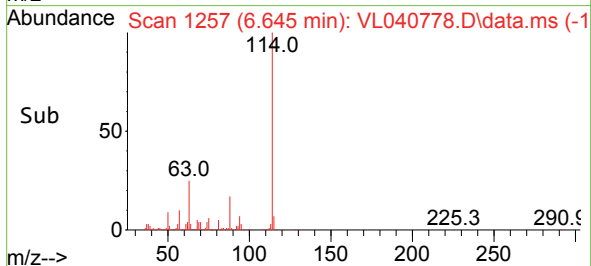
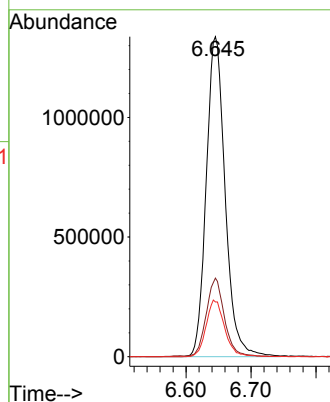
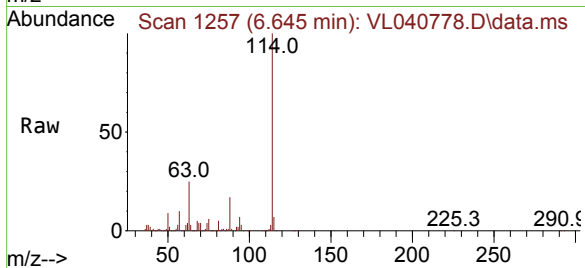
Tgt Ion:114 Resp: 2707598

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

88 17.5 14.2 21.2



#34

2-Butanone

Concen: 8.694 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.022 min

Lab File: VL040778.D

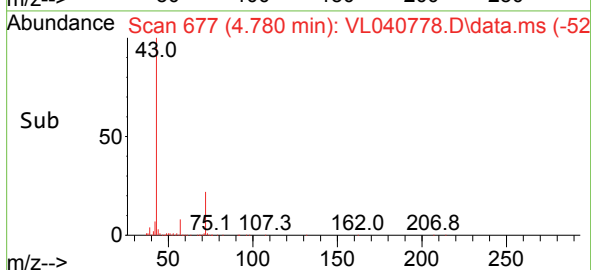
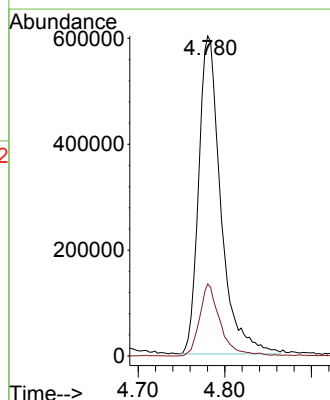
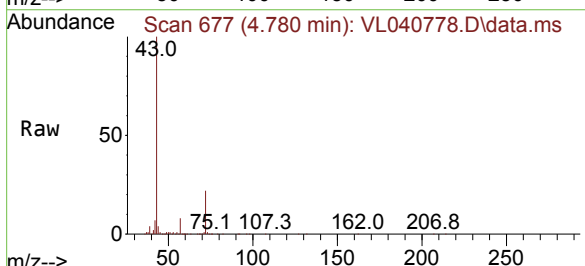
Acq: 23 Oct 2023 14:37

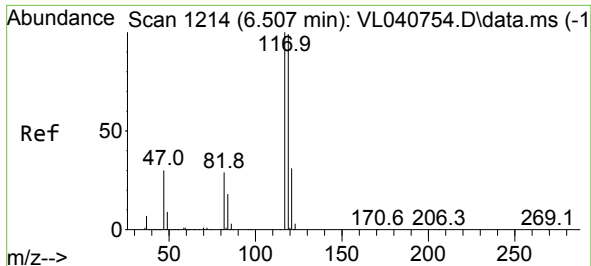
Tgt Ion: 43 Resp: 1065487

Ion Ratio Lower Upper

43 100

72 21.6 16.8 25.2

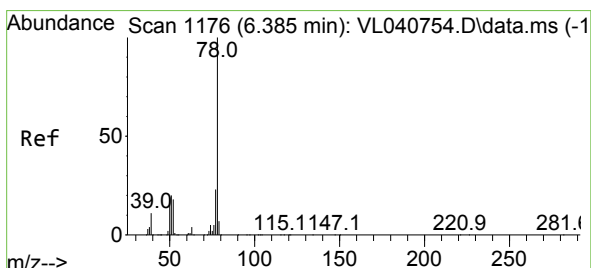
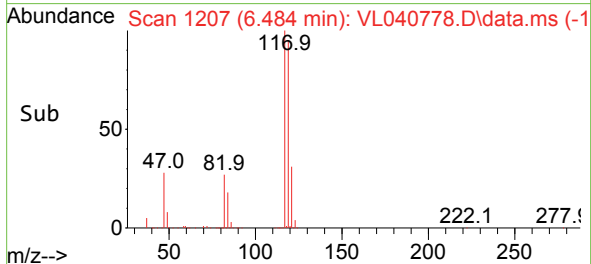
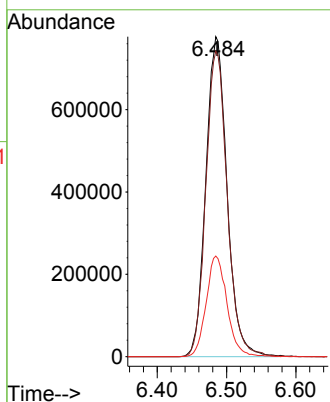
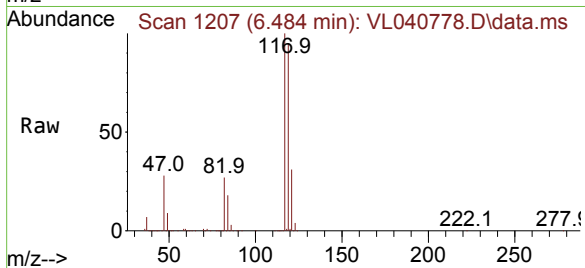




#35
Carbon Tetrachloride
Concen: 10.869 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

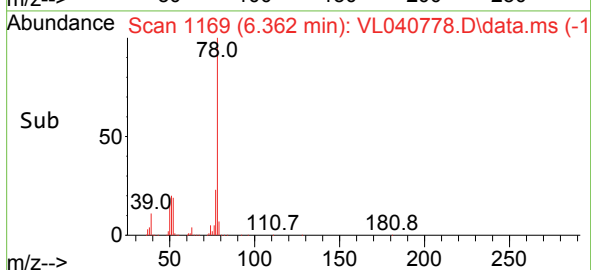
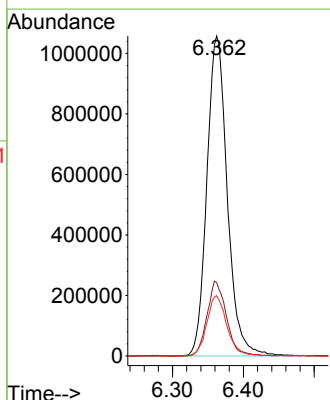
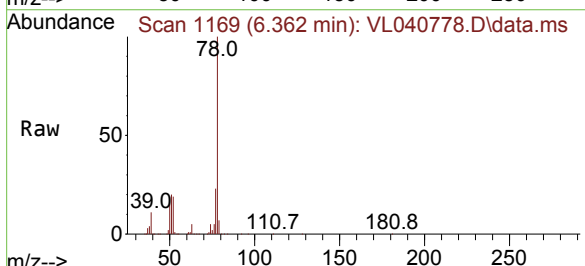
Instrument :
MSVOA_L
ClientSampleId :

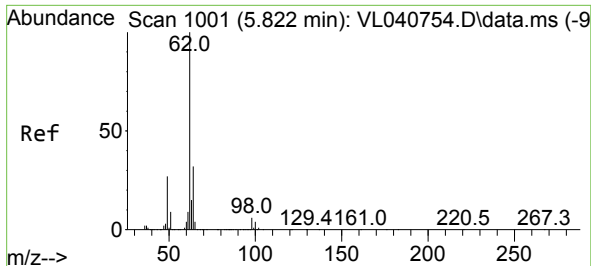
Tgt Ion:117 Resp: 1651869
Ion Ratio Lower Upper
117 100
119 95.4 79.4 119.0
121 31.4 25.0 37.4



#36
Benzene
Concen: 10.167 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 78 Resp: 2117394
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6
50 18.8 15.0 22.4

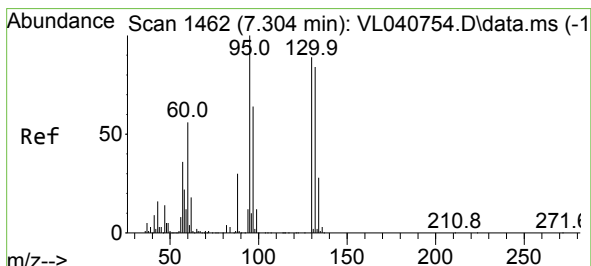
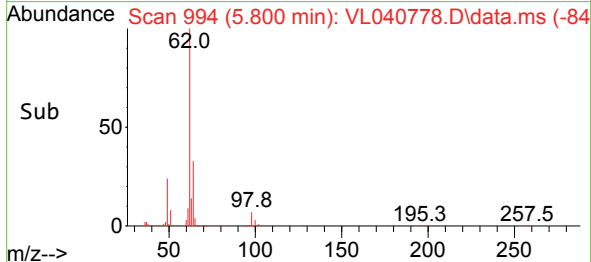
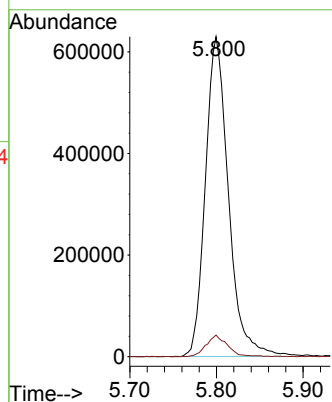
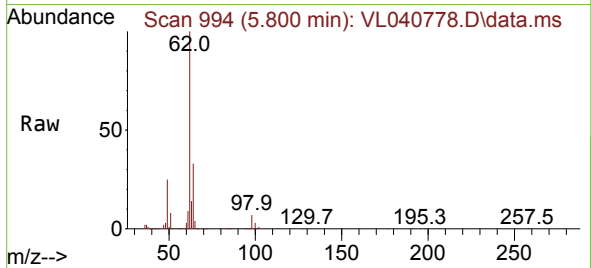




#37
1,2-Dichloroethane
Concen: 10.882 ppbv
RT: 5.800 min Scan# 91
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

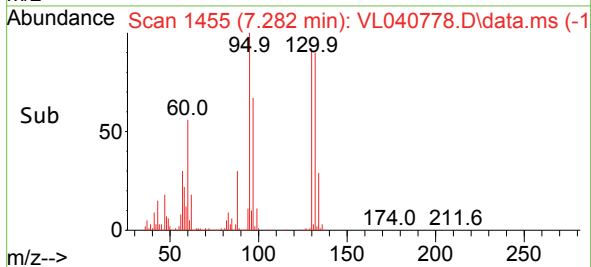
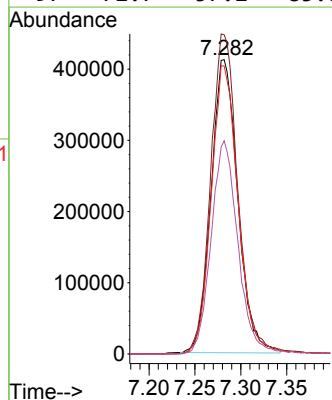
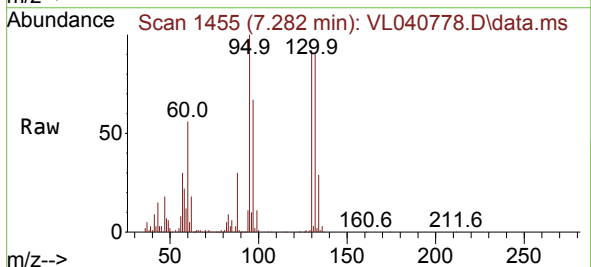
Instrument :
MSVOA_L
ClientSampleId :

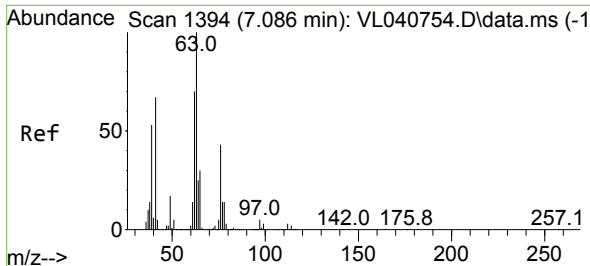
Tgt Ion: 62 Resp: 1160688
Ion Ratio Lower Upper
62 100
98 6.4 5.4 8.0



#38
Trichloroethene
Concen: 9.046 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion:130 Resp: 833778
Ion Ratio Lower Upper
130 100
95 108.9 89.4 134.2
132 98.2 74.8 112.2
97 72.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.988 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

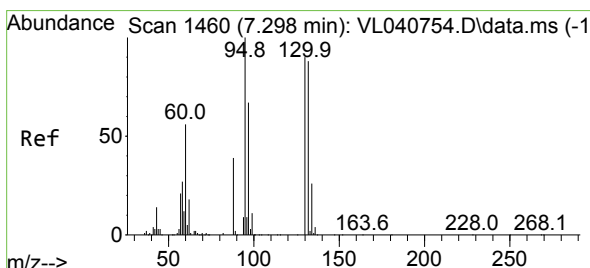
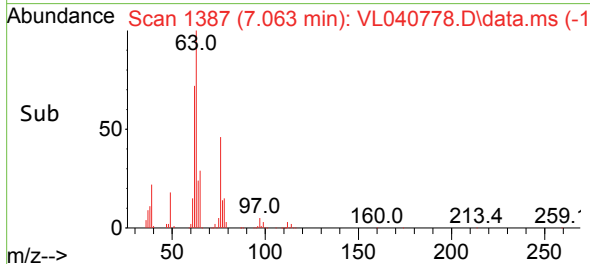
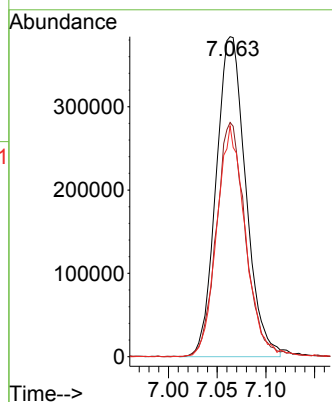
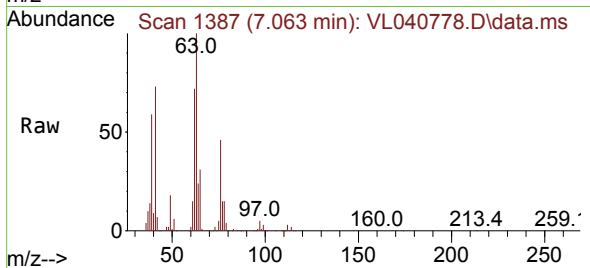
Tgt Ion: 63 Resp: 812698

Ion Ratio Lower Upper

63 100

41 73.1 53.7 80.5

62 71.9 55.7 83.5



#40

1,4-Dioxane

Concen: 10.671 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Tgt Ion: 88 Resp: 328562

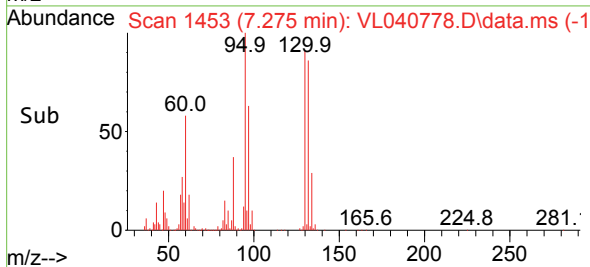
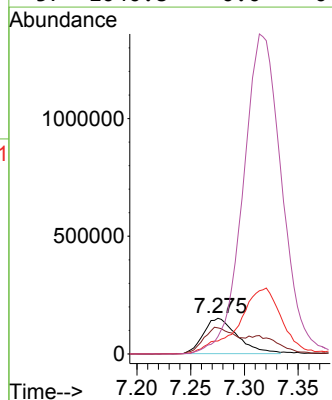
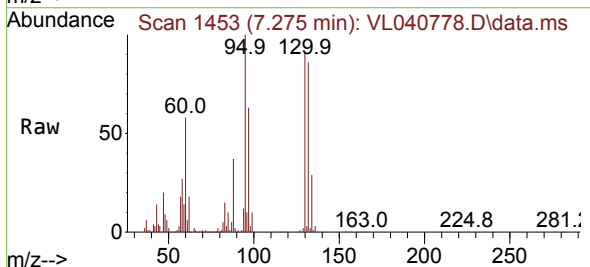
Ion Ratio Lower Upper

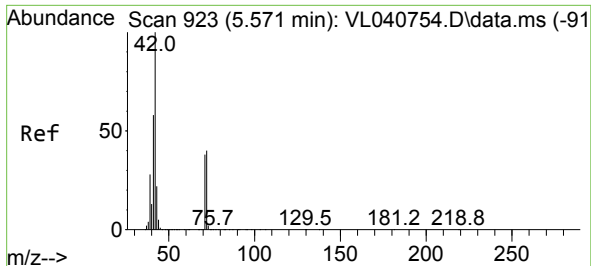
88 100

58 121.7 100.0 150.0

43 240.9 0.0 0.0#

57 1040.8 0.0 0.0#

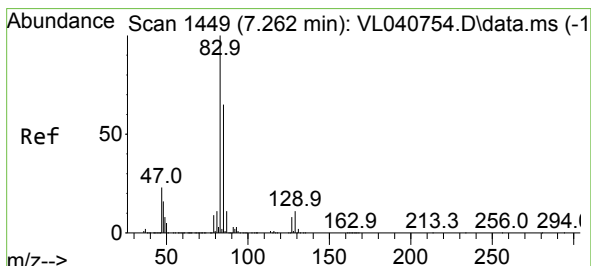
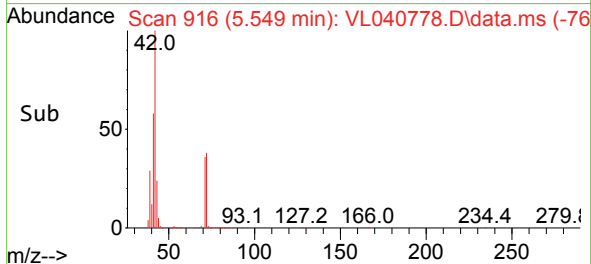
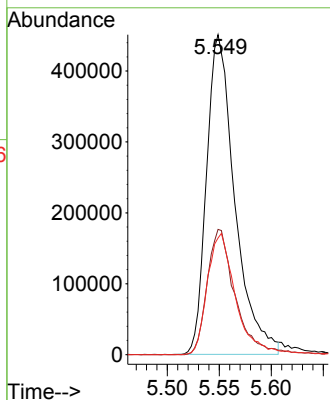
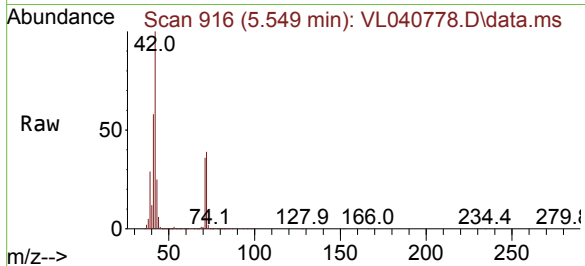




#41
Tetrahydrofuran
Concen: 10.040 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

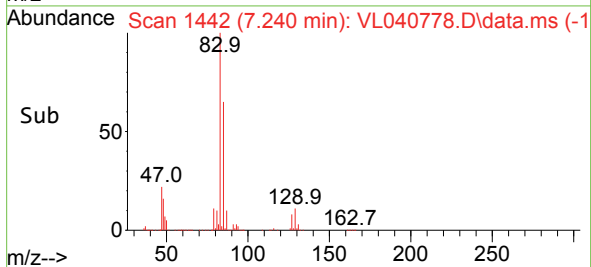
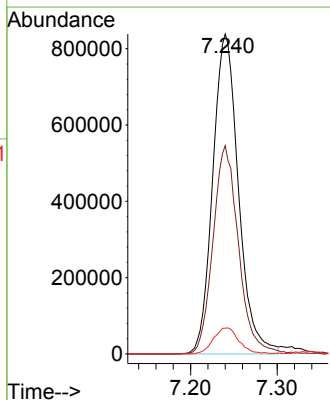
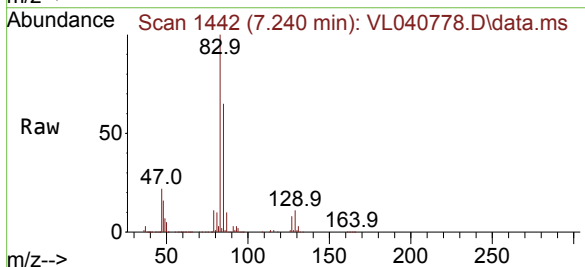
Instrument :
MSVOA_L
ClientSampleId :

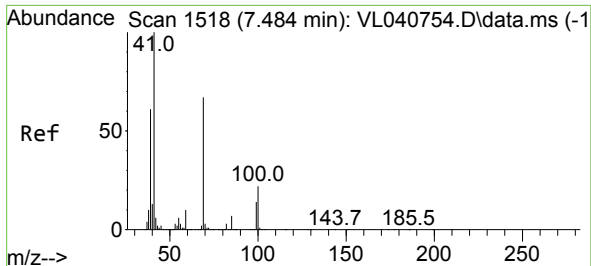
Tgt Ion: 42 Resp: 852122
Ion Ratio Lower Upper
42 100
72 39.6 31.1 46.7
71 38.8 29.7 44.5



#42
Bromodichloromethane
Concen: 10.817 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 83 Resp: 1728346
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.0 6.7 10.1

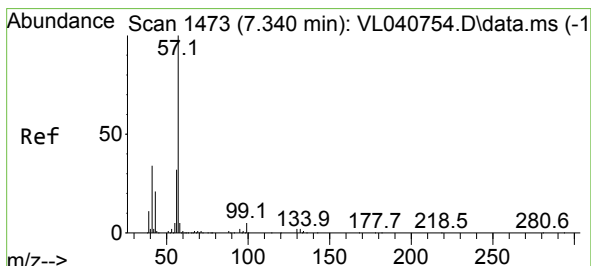
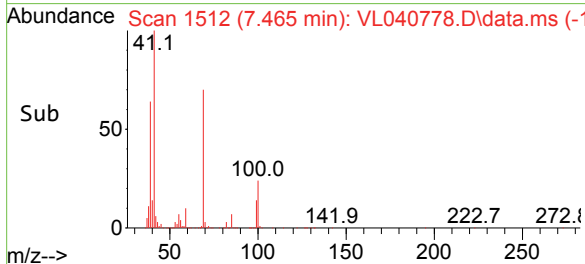
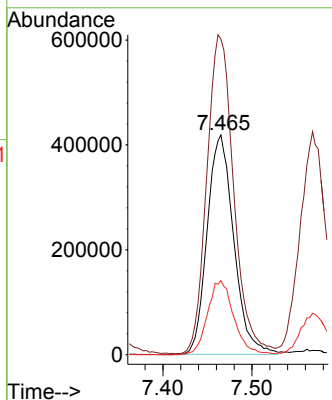
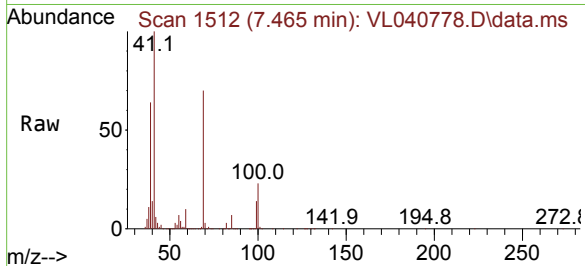




#43
Methyl Methacrylate
Concen: 10.394 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

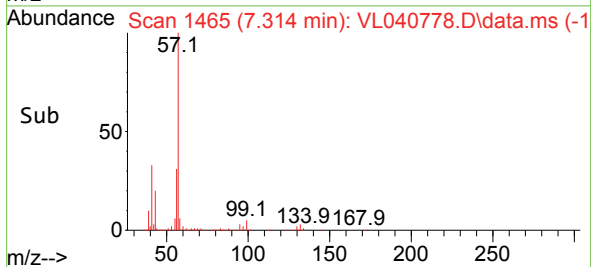
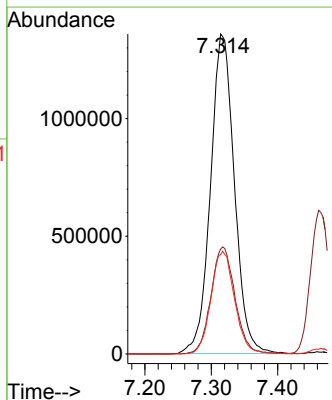
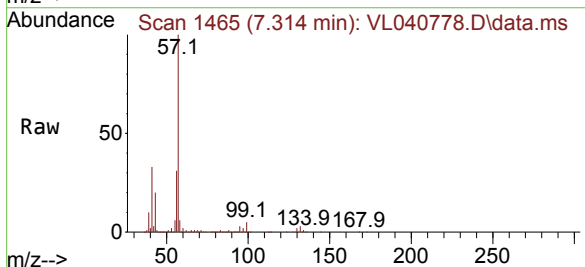
Instrument :
MSVOA_L
ClientSampleId :

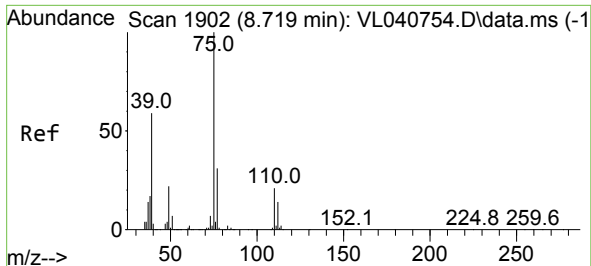
Tgt Ion: 69 Resp: 866498
Ion Ratio Lower Upper
69 100
41 148.4 120.6 181.0
100 33.3 27.1 40.7



#44
2,2,4-Trimethylpentane
Concen: 9.629 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 57 Resp: 3391246
Ion Ratio Lower Upper
57 100
41 33.9 27.4 41.0
56 31.9 25.0 37.6

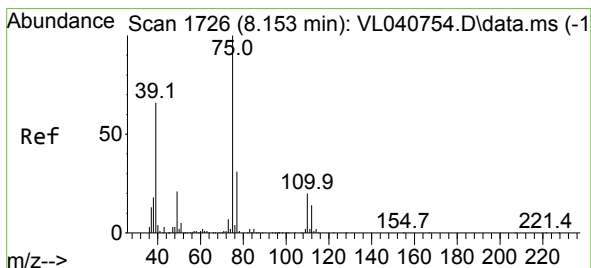
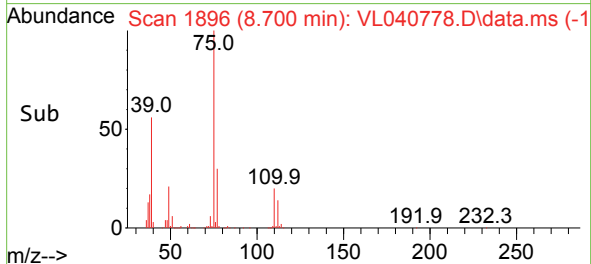
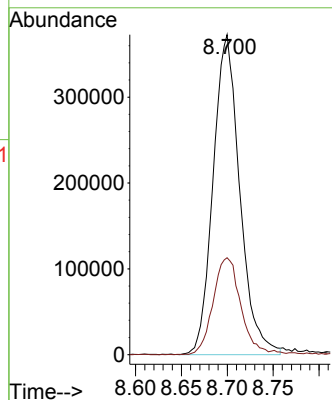
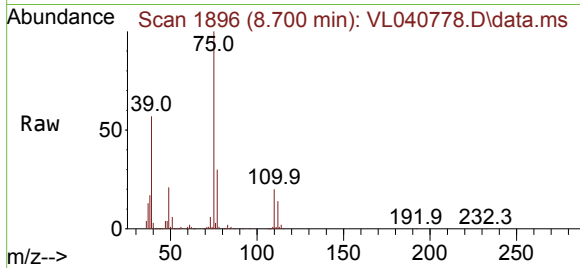




#45
 t-1,3-Dichloropropene
 Concen: 11.332 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

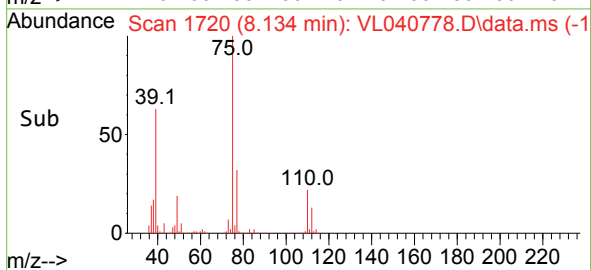
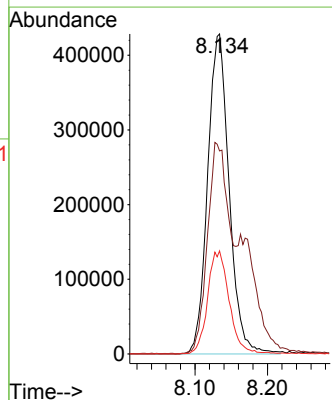
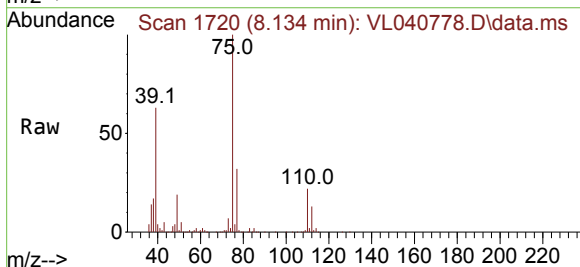
Instrument :
 MSVOA_L
 ClientSampleId :

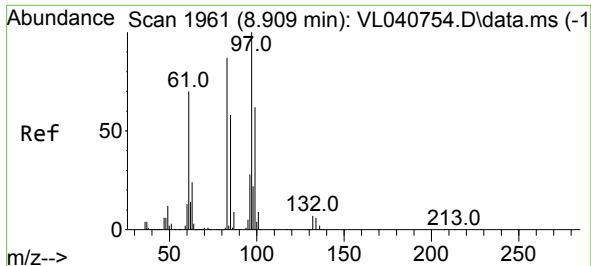
Tgt Ion: 75 Resp: 753297
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 10.855 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. -0.019 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 75 Resp: 881628
 Ion Ratio Lower Upper
 75 100
 39 63.4 52.4 78.6
 77 32.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.213 ppbv

RT: 8.886 min Scan# 1961

Delta R.T. -0.022 min

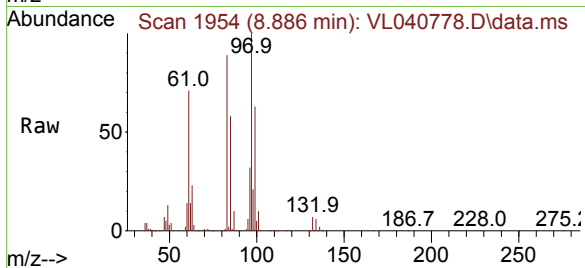
Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 872889

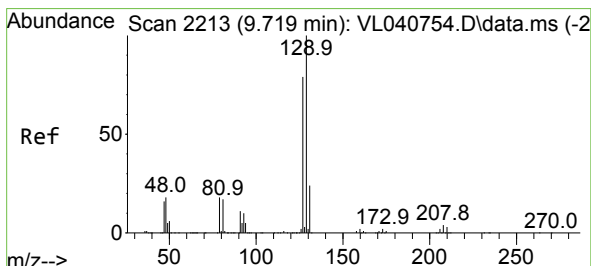
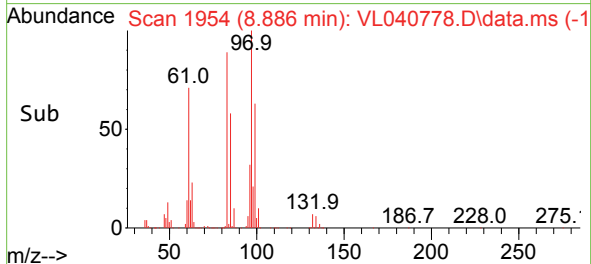
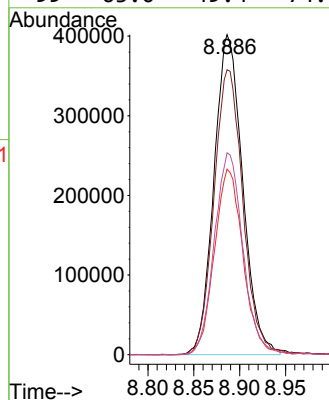
Ion Ratio Lower Upper

97 100

83 88.9 69.5 104.3

85 57.9 46.6 69.8

99 63.0 49.4 74.0



#48

Dibromochloromethane

Concen: 10.944 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.022 min

Lab File: VL040778.D

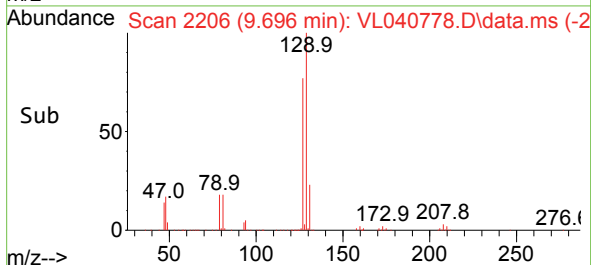
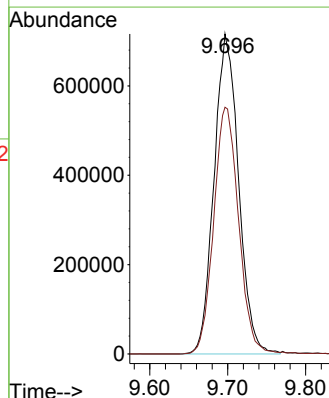
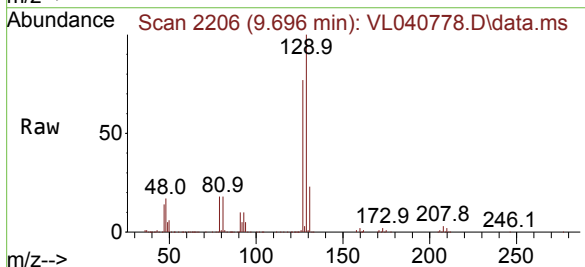
Acq: 23 Oct 2023 14:37

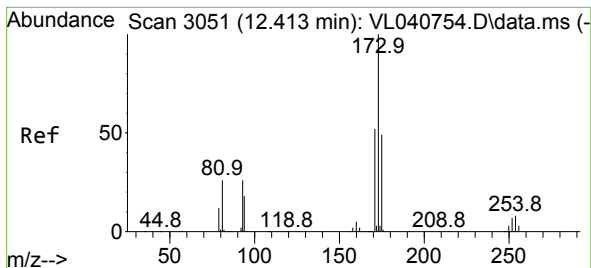
Tgt Ion: 129 Resp: 1567472

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3





#49

Bromoform

Concen: 10.959 ppbv

RT: 12.394 min Scan# 3051

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

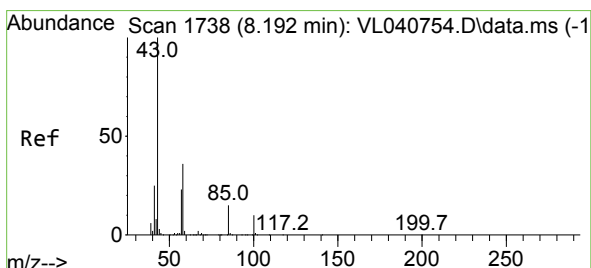
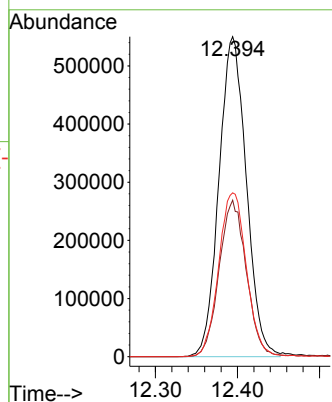
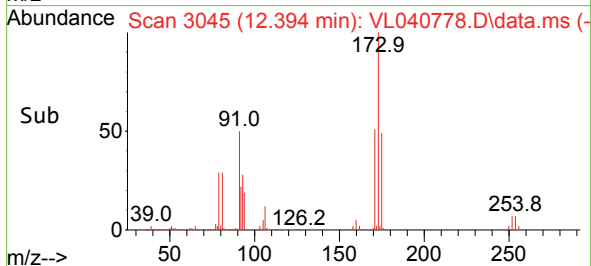
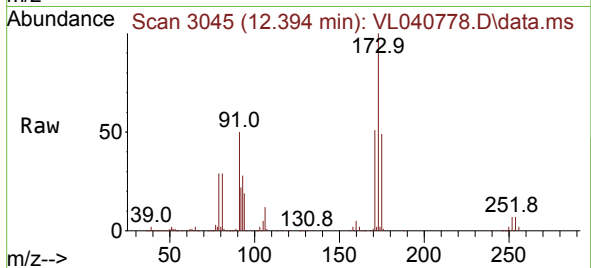
Tgt Ion:173 Resp: 1276021

Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

171 52.2 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 10.138 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.022 min

Lab File: VL040778.D

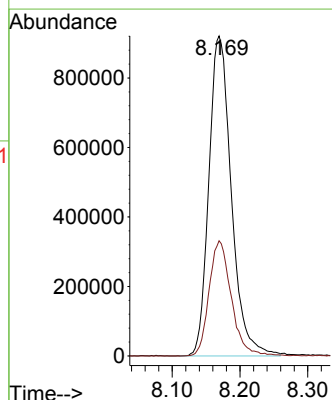
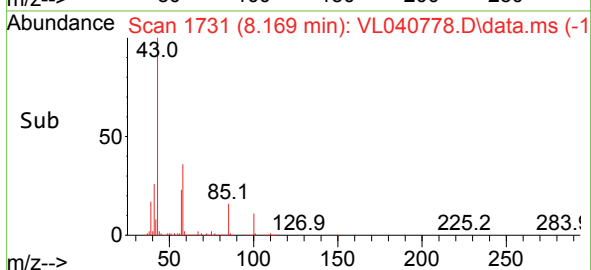
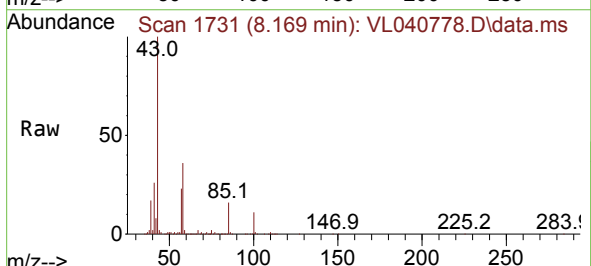
Acq: 23 Oct 2023 14:37

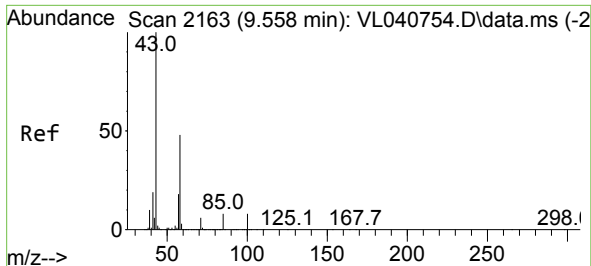
Tgt Ion: 43 Resp: 2125408

Ion Ratio Lower Upper

43 100

58 35.6 28.8 43.2

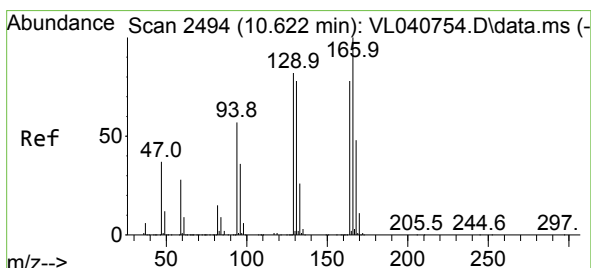
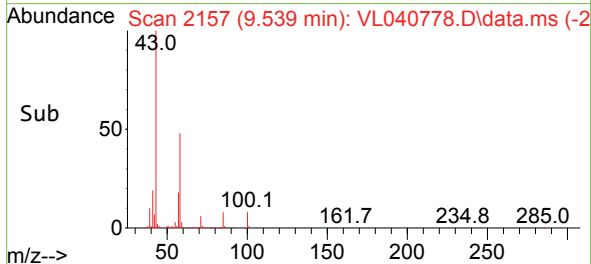
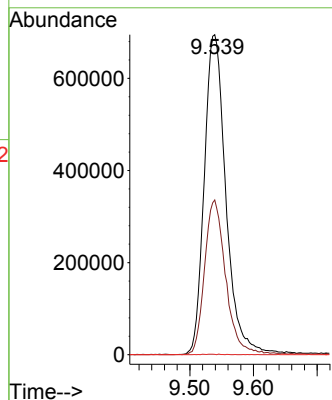
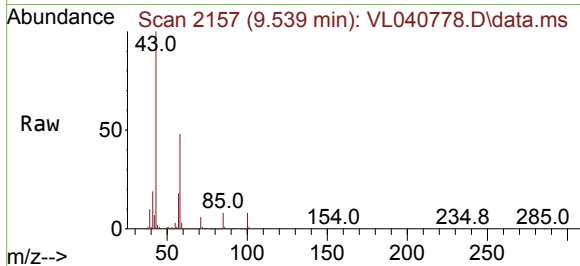




#51
2-Hexanone
Concen: 10.274 ppbv
RT: 9.539 min Scan# 2163
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

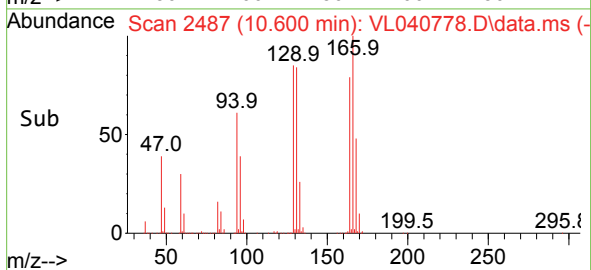
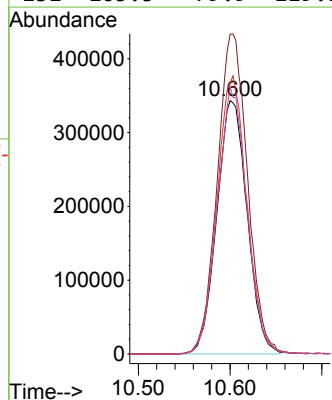
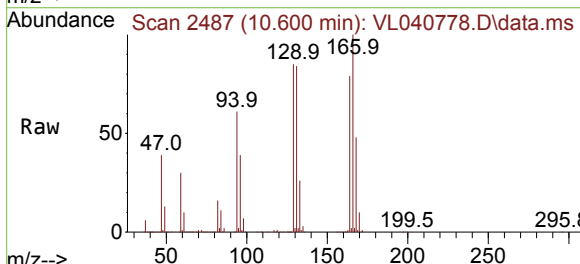
Instrument :
MSVOA_L
ClientSampleId :

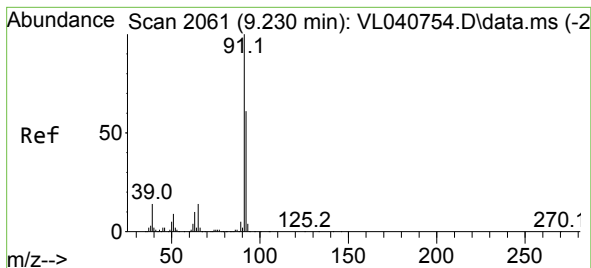
Tgt Ion: 43 Resp: 1639395
Ion Ratio Lower Upper
43 100
58 47.7 38.6 58.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.297 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion:164 Resp: 786518
Ion Ratio Lower Upper
164 100
166 126.2 102.4 153.6
129 106.9 84.2 126.4
131 105.5 79.9 119.9





#53

Toluene

Concen: 9.918 ppbv

RT: 9.208 min Scan# 2061

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

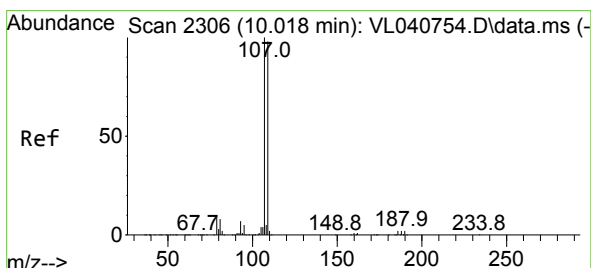
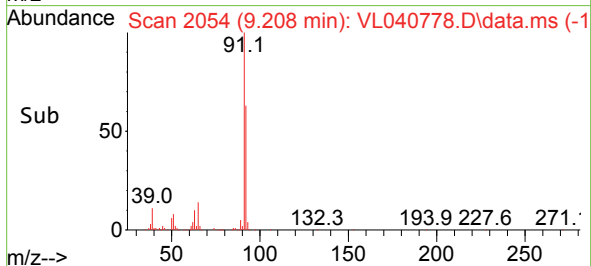
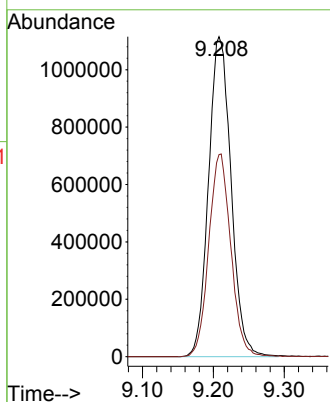
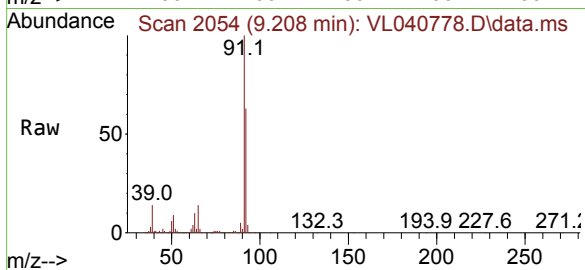
ClientSampleId :

Tgt Ion: 91 Resp: 2458323

Ion Ratio Lower Upper

91 100

92 62.2 50.2 75.2



#54

1,2-Dibromoethane

Concen: 10.933 ppbv

RT: 9.995 min Scan# 2299

Delta R.T. -0.022 min

Lab File: VL040778.D

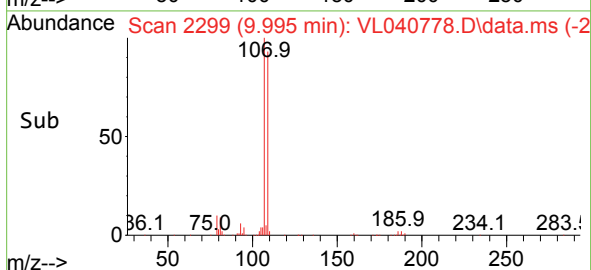
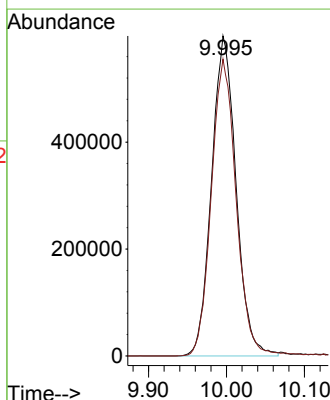
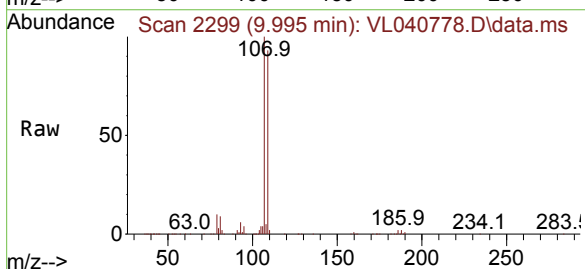
Acq: 23 Oct 2023 14:37

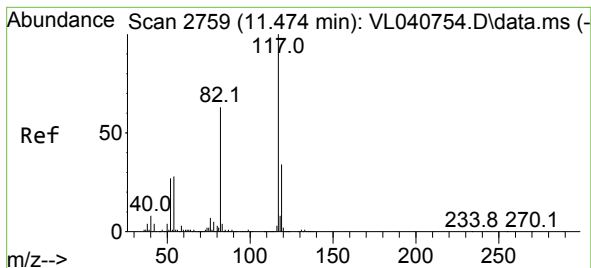
Tgt Ion: 107 Resp: 1309914

Ion Ratio Lower Upper

107 100

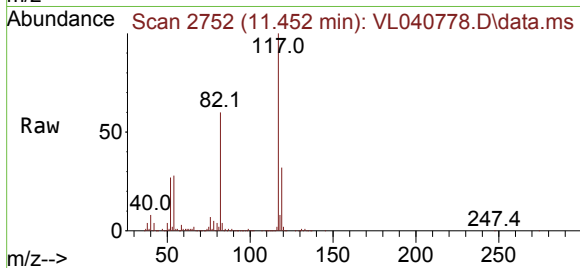
109 92.7 78.2 117.2





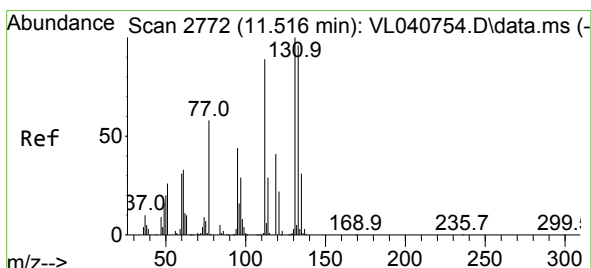
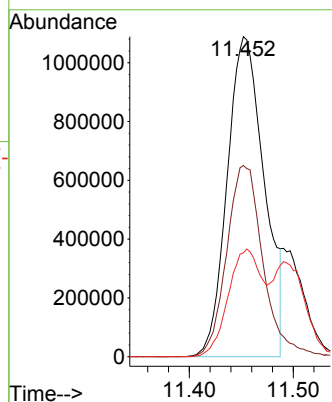
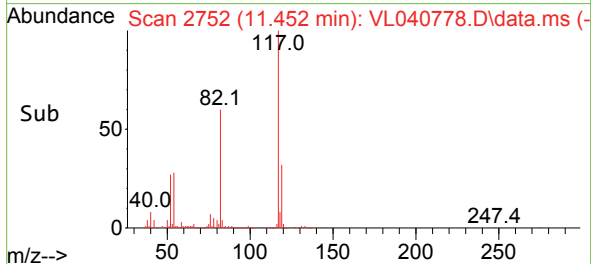
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :

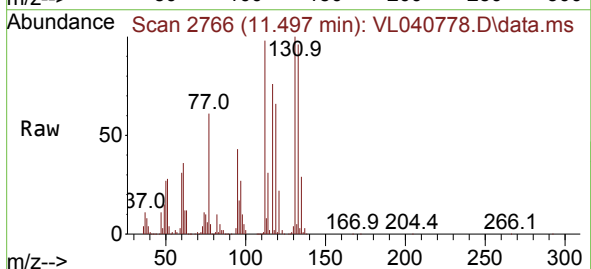


Tgt Ion:117 Resp: 2695244

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.6	70.0
119	32.4	26.0	39.0

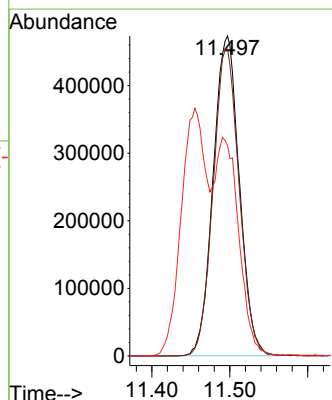
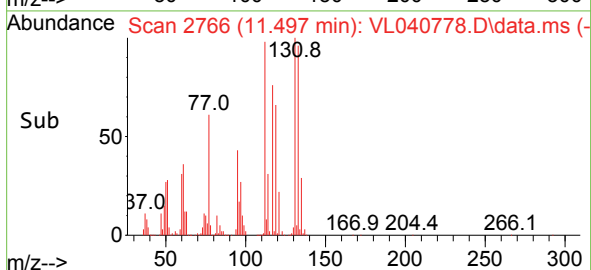


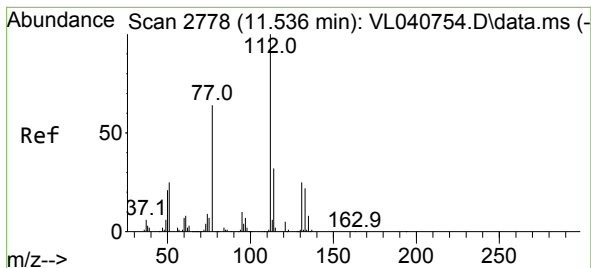
#56
1,1,1,2-Tetrachloroethane
Concen: 10.022 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37



Tgt Ion:131 Resp: 1102361

Ion	Ratio	Lower	Upper
131	100		
133	95.8	75.0	112.6
119	60.4	45.4	68.0





#57

Chlorobenzene

Concen: 9.921 ppbv

RT: 11.513 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

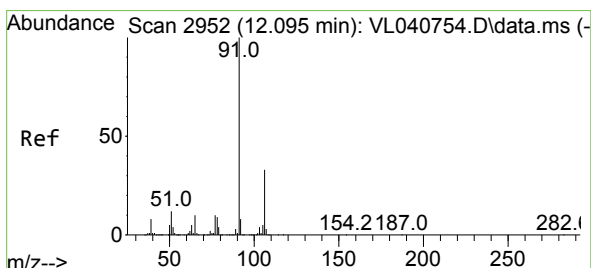
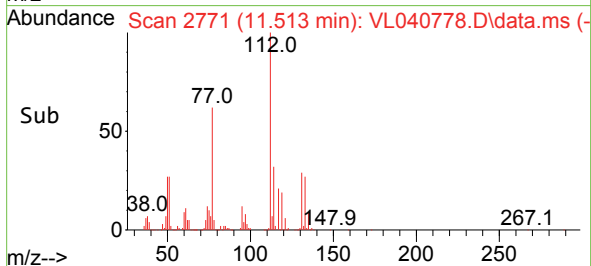
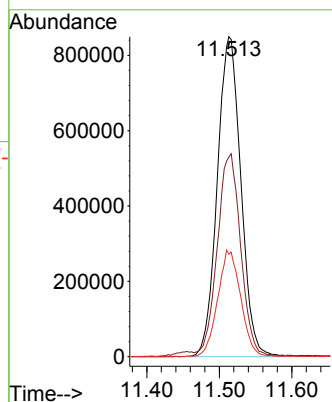
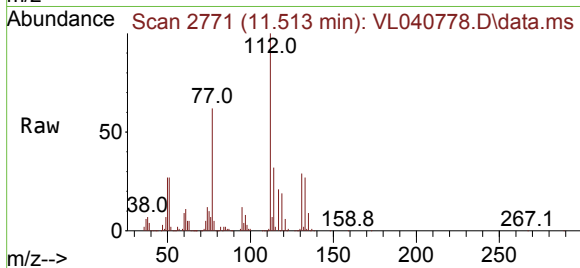
Tgt Ion:112 Resp: 1915894

Ion Ratio Lower Upper

112 100

77 62.1 51.9 77.9

114 32.0 28.6 35.0



#58

Ethyl Benzene

Concen: 9.700 ppbv

RT: 12.073 min Scan# 2945

Delta R.T. -0.022 min

Lab File: VL040778.D

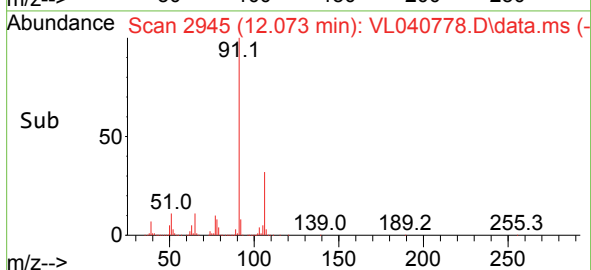
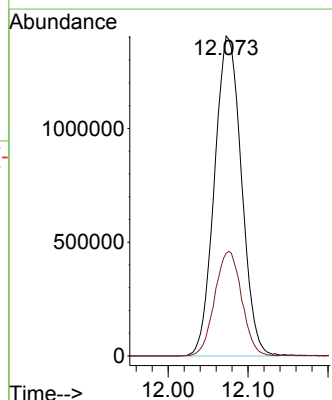
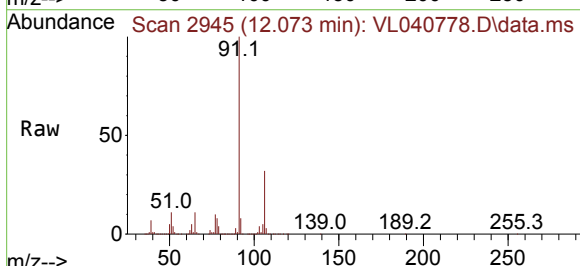
Acq: 23 Oct 2023 14:37

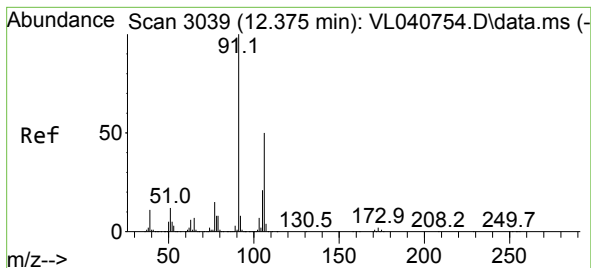
Tgt Ion: 91 Resp: 3291618

Ion Ratio Lower Upper

91 100

106 32.0 26.7 40.1





#59

m/p-Xylene

Concen: 8.139 ppbv

RT: 12.359 min Scan# 3039

Delta R.T. -0.016 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

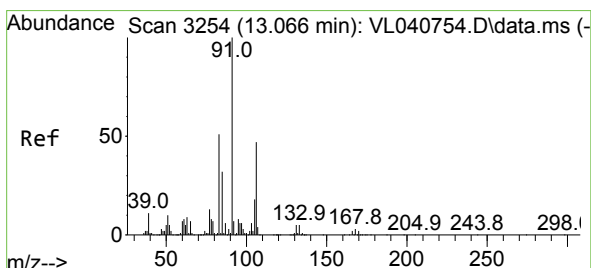
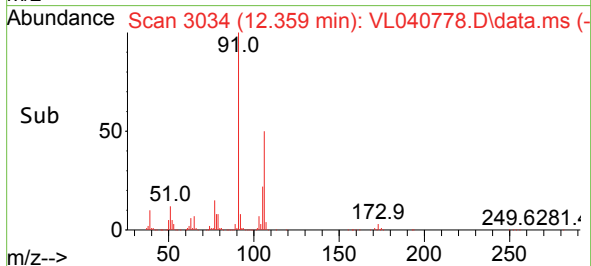
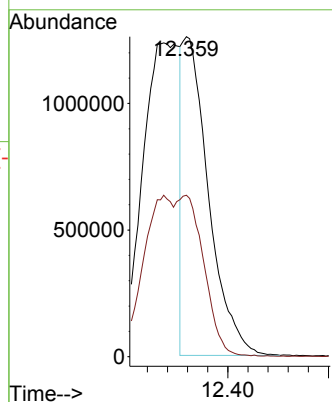
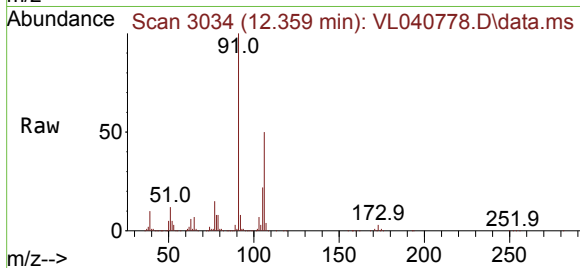
ClientSampleId :

Tgt Ion: 91 Resp: 2273104

Ion Ratio Lower Upper

91 100

106 111.8 37.7 56.5#



#60

o-Xylene

Concen: 9.618 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.022 min

Lab File: VL040778.D

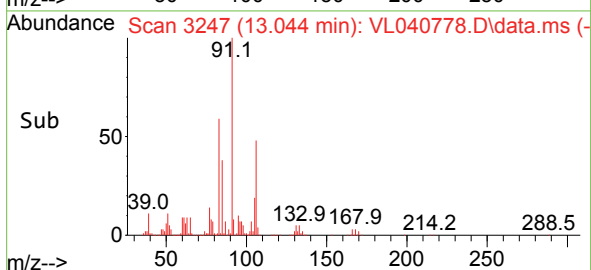
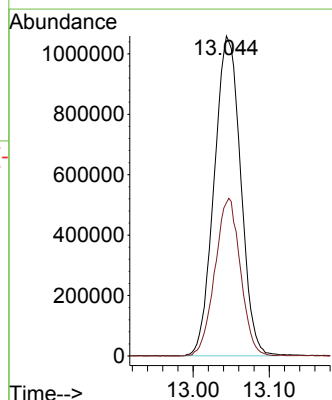
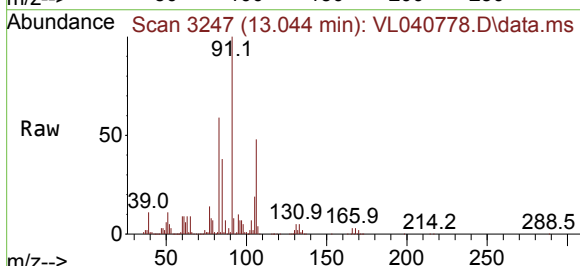
Acq: 23 Oct 2023 14:37

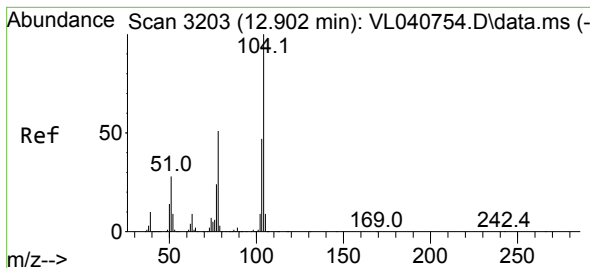
Tgt Ion: 91 Resp: 2559468

Ion Ratio Lower Upper

91 100

106 47.5 23.5 70.5





#61

Styrene

Concen: 10.111 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.016 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

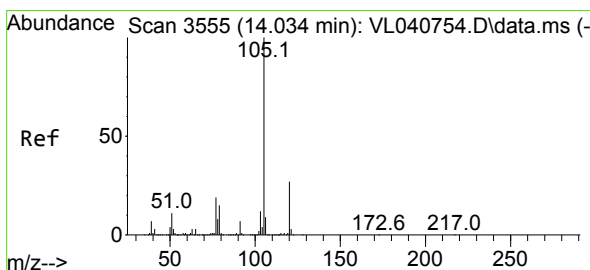
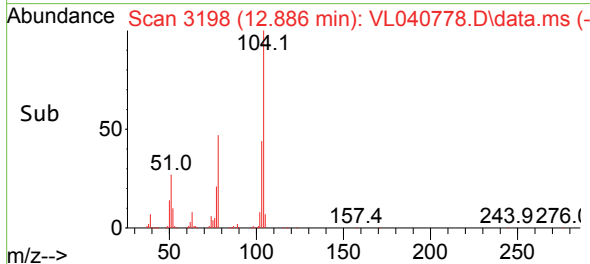
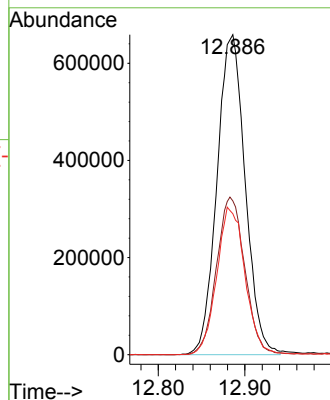
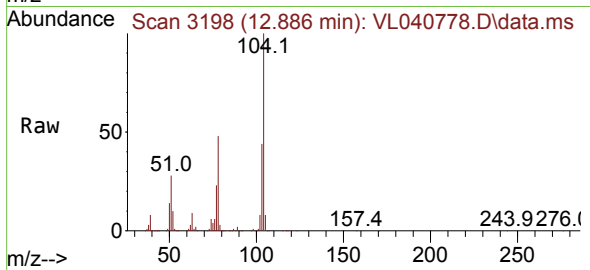
Tgt Ion:104 Resp: 1490848

Ion Ratio Lower Upper

104 100

78 49.6 39.8 59.6

103 46.3 37.5 56.3



#62

Isopropylbenzene

Concen: 9.618 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.016 min

Lab File: VL040778.D

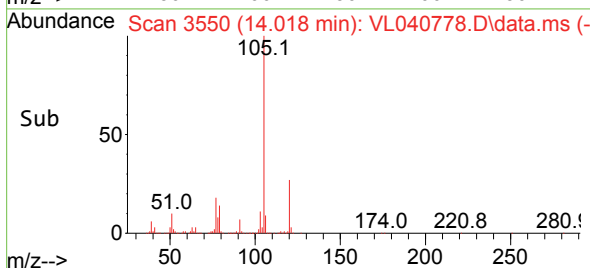
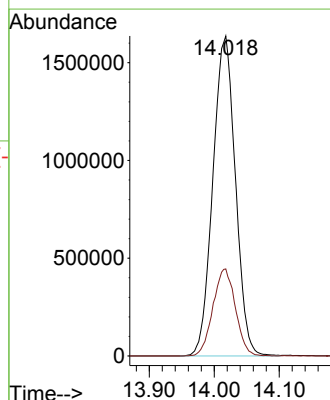
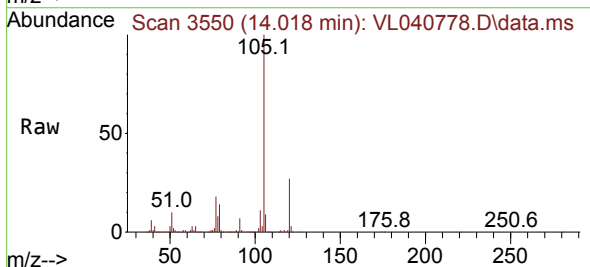
Acq: 23 Oct 2023 14:37

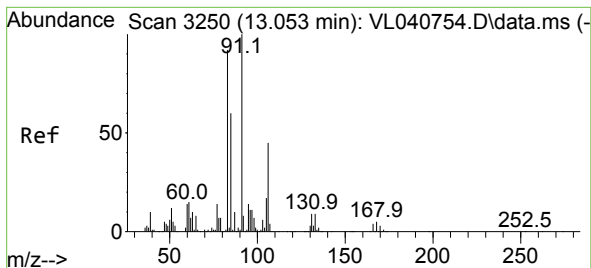
Tgt Ion:105 Resp: 3937790

Ion Ratio Lower Upper

105 100

120 27.1 21.5 32.3





#63

1,1,2,2-Tetrachloroethane

Concen: 9.105 ppbv

RT: 13.034 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

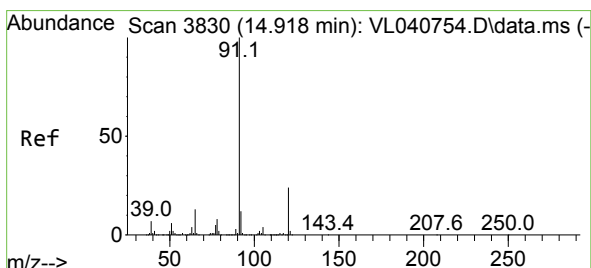
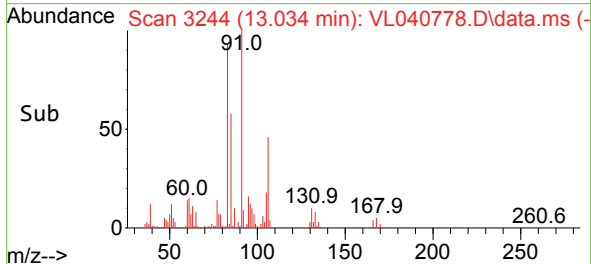
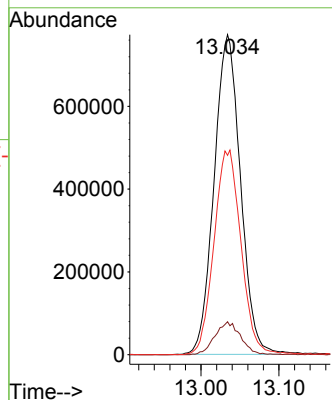
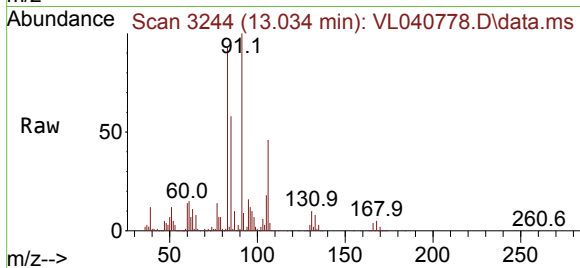
Tgt Ion: 83 Resp: 1816667

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 66.3 32.9 98.7



#64

n-propylbenzene

Concen: 9.902 ppbv

RT: 14.905 min Scan# 3826

Delta R.T. -0.013 min

Lab File: VL040778.D

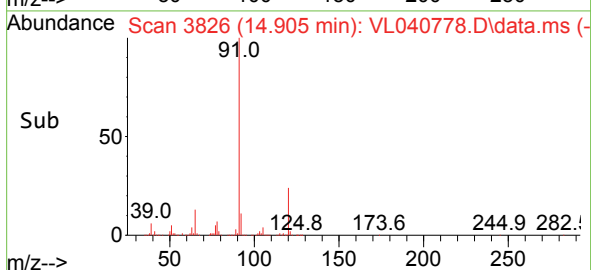
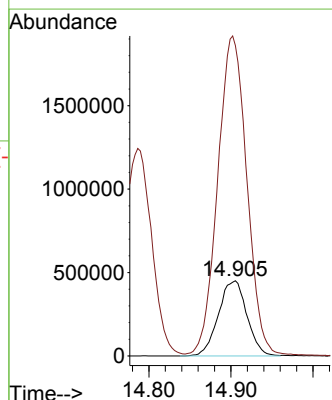
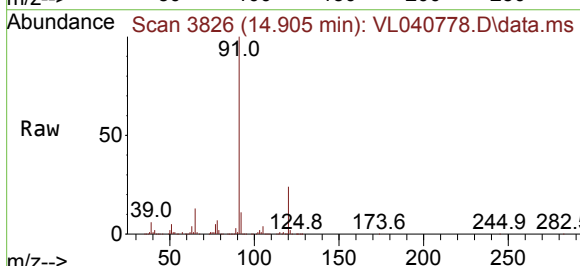
Acq: 23 Oct 2023 14:37

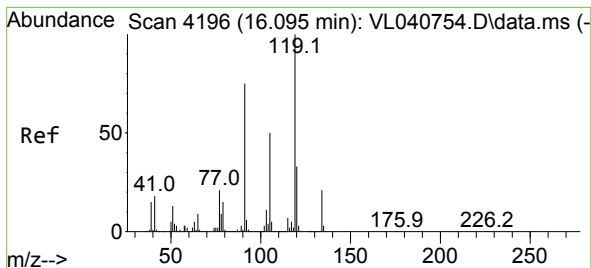
Tgt Ion:120 Resp: 1088979

Ion Ratio Lower Upper

120 100

91 435.8 345.9 518.9

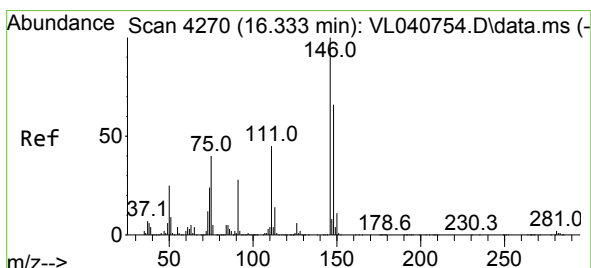
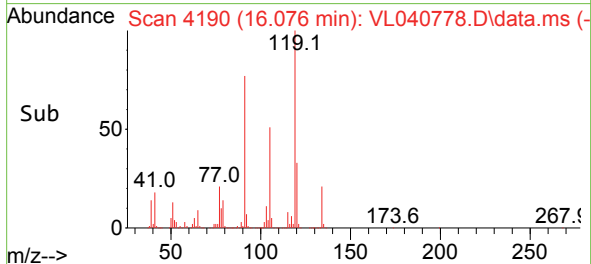
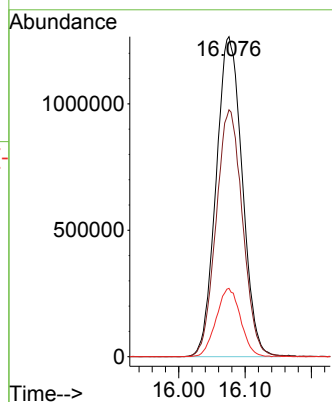
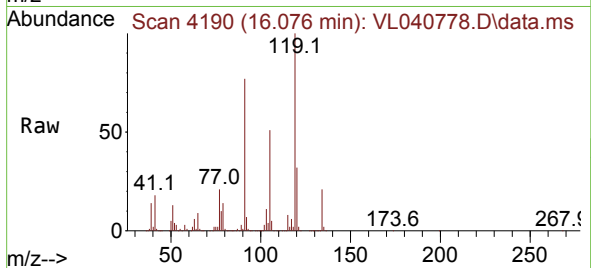




#65
tert-Butylbenzene
Concen: 9.379 ppbv
RT: 16.076 min Scan# 4196
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

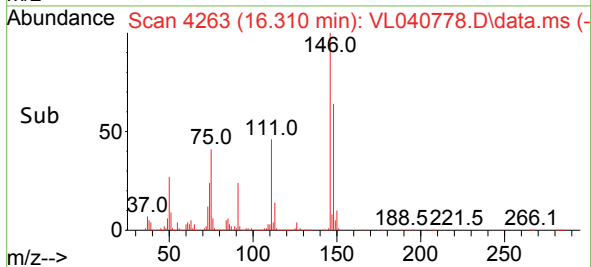
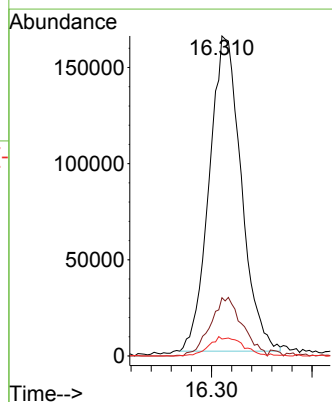
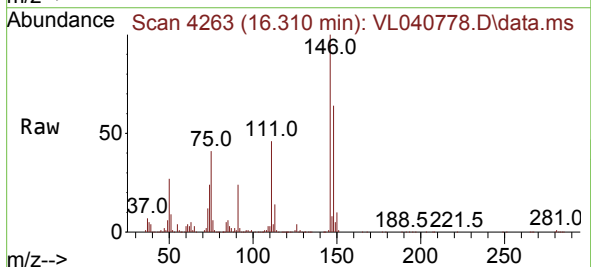
Instrument :
MSVOA_L
ClientSampleId :

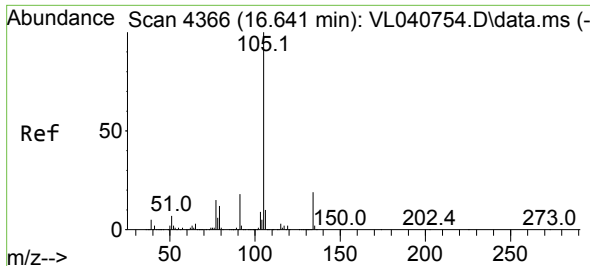
Tgt Ion:119 Resp: 3463324
Ion Ratio Lower Upper
119 100
91 78.3 62.2 93.2
134 20.0 16.1 24.1



#66
Benzyl Chloride
Concen: 9.743 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion: 91 Resp: 362458
Ion Ratio Lower Upper
91 100
126 19.7 16.1 24.1
128 6.5 5.2 7.8

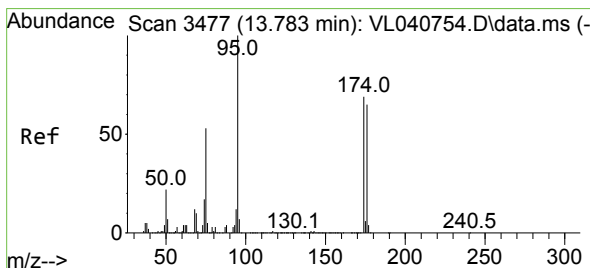
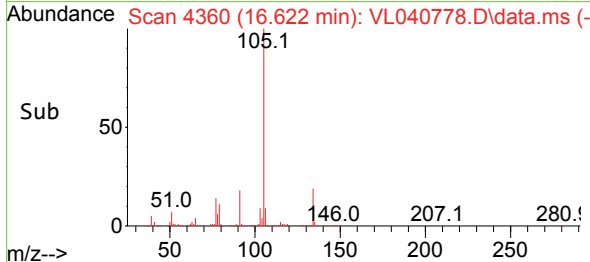
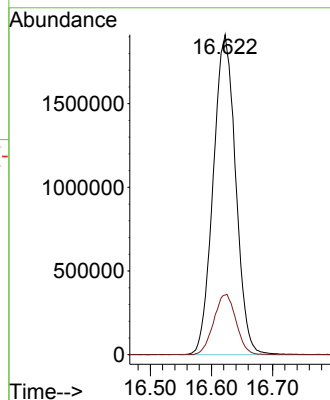
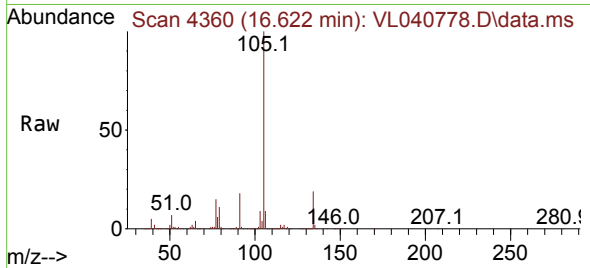




#67
 sec-Butylbenzene
 Concen: 9.639 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

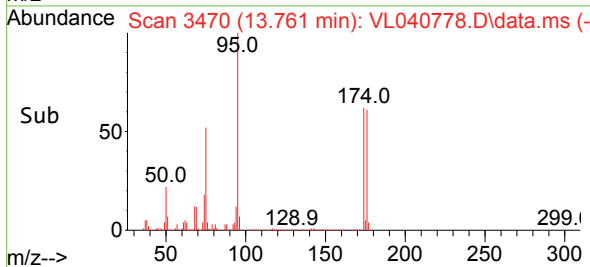
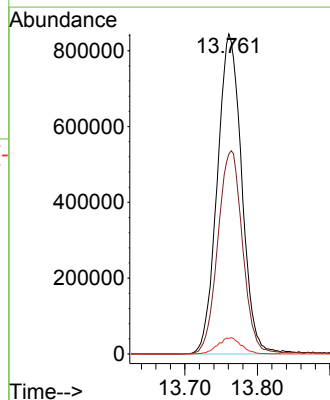
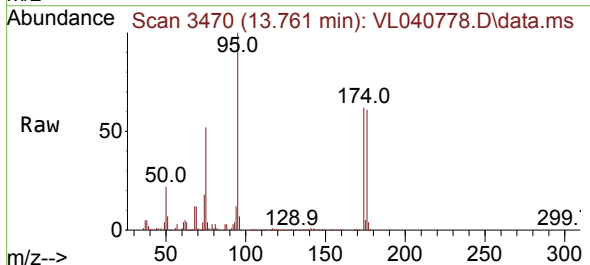
Instrument :
 MSVOA_L
 ClientSampleId :

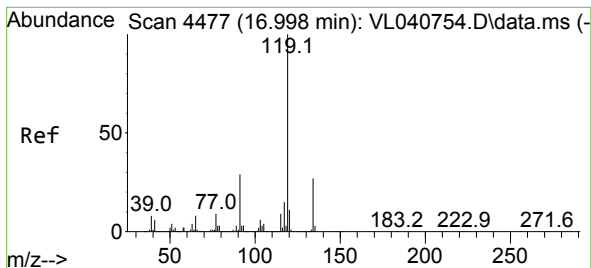
Tgt Ion:105 Resp: 4873250
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.947 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.022 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion: 95 Resp: 1972772
 Ion Ratio Lower Upper
 95 100
 174 64.7 54.7 82.1
 175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.647 ppbv

RT: 16.979 min Scan# 4477

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

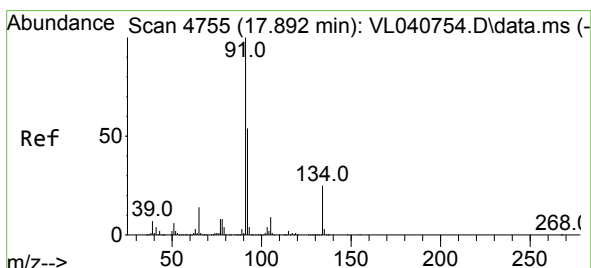
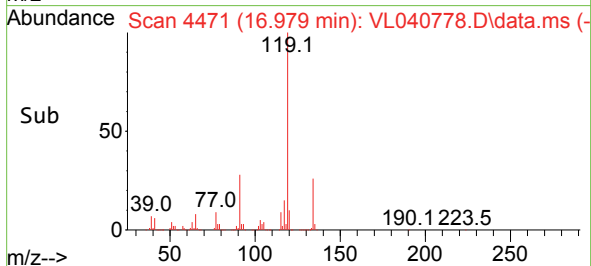
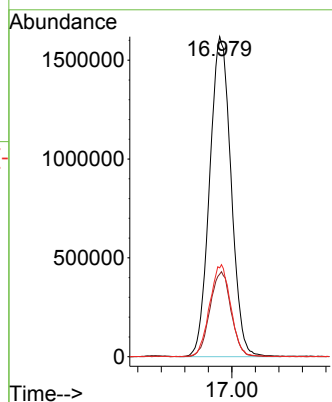
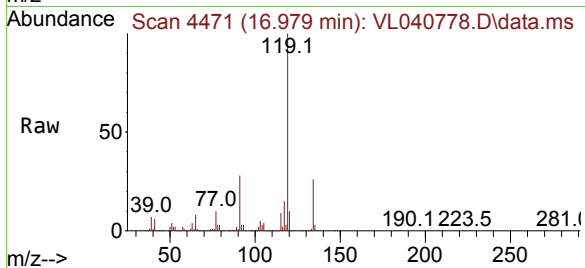
Tgt Ion:119 Resp: 4086959

Ion Ratio Lower Upper

119 100

134 26.3 21.0 31.4

91 28.4 22.8 34.2



#70

n-Butylbenzene

Concen: 9.857 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

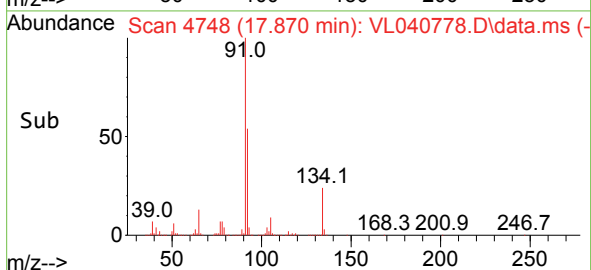
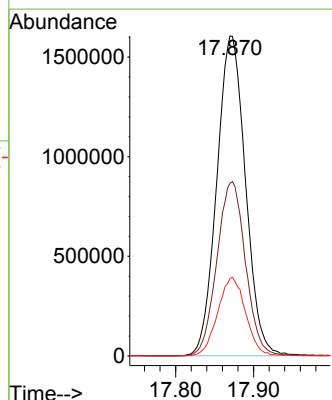
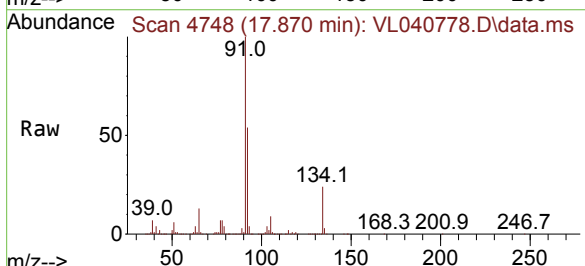
Tgt Ion: 91 Resp: 4100178

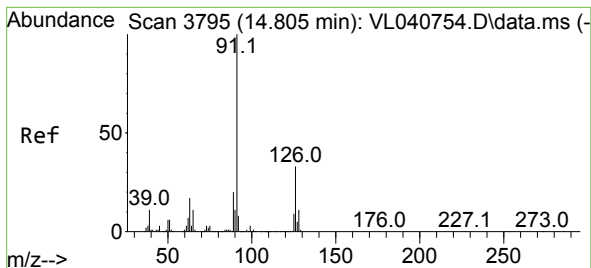
Ion Ratio Lower Upper

91 100

92 54.6 44.1 66.1

134 24.1 19.5 29.3

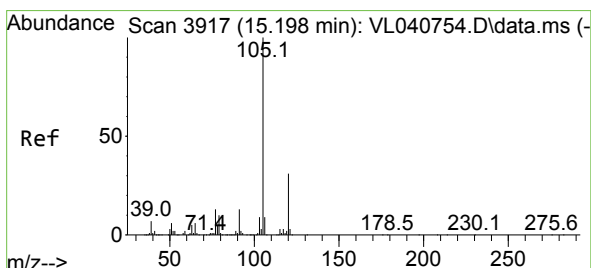
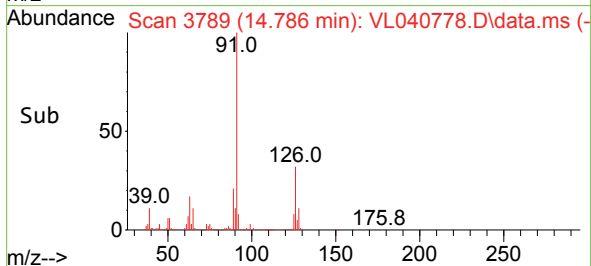
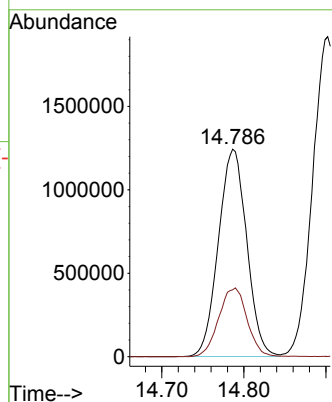
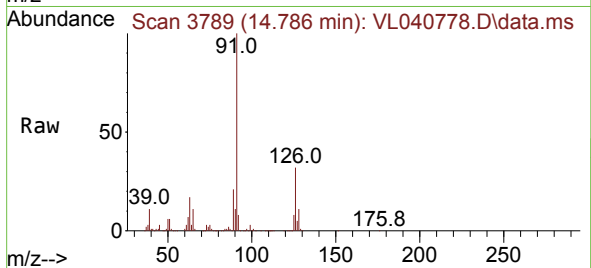




#71
2-Chlorotoluene
Concen: 9.702 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

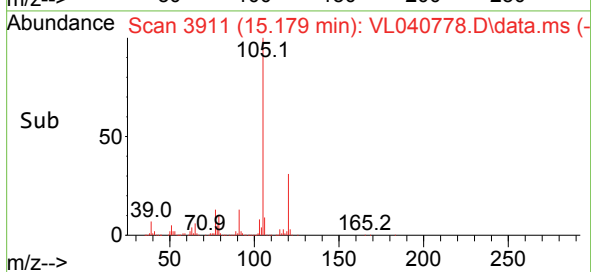
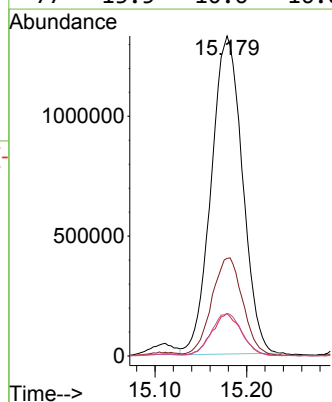
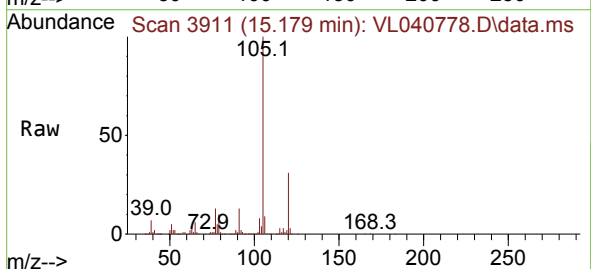
Instrument :
MSVOA_L
ClientSampleId :

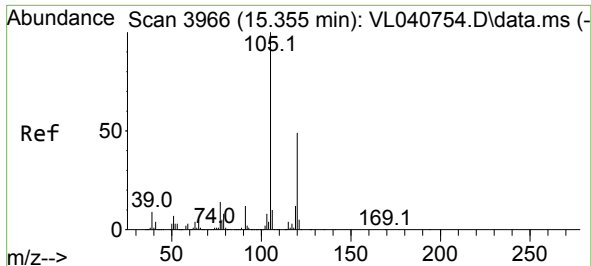
Tgt Ion: 91 Resp: 2983800
Ion Ratio Lower Upper
91 100
126 33.4 13.3 53.1



#72
4-Ethyltoluene
Concen: 10.068 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.019 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion:105 Resp: 3137655
Ion Ratio Lower Upper
105 100
120 31.1 25.0 37.4
91 13.3 9.8 14.8
77 13.5 10.6 16.0

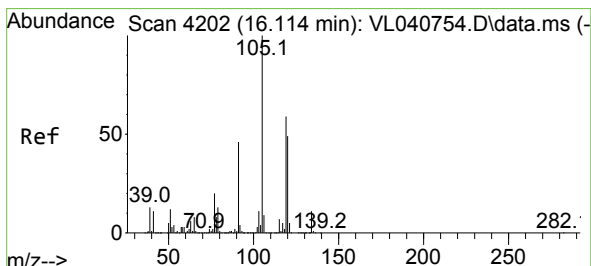
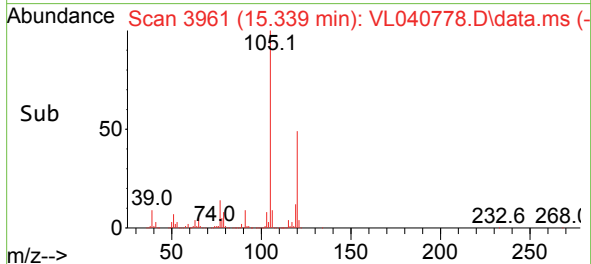
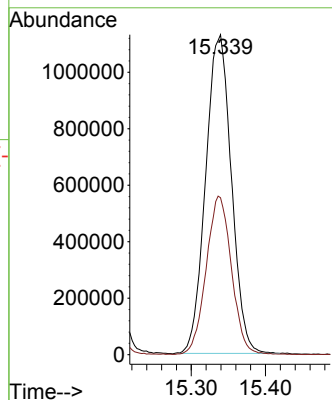
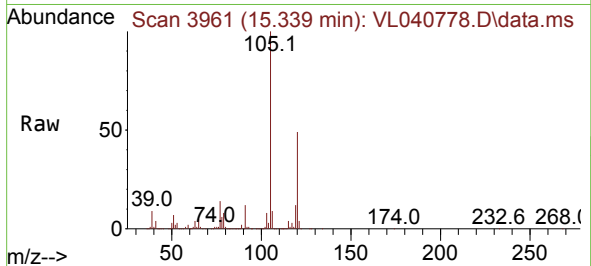




#73
 1,3,5-Trimethylbenzene
 Concen: 9.902 ppbv
 RT: 15.339 min Scan# 3966
 Delta R.T. -0.016 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

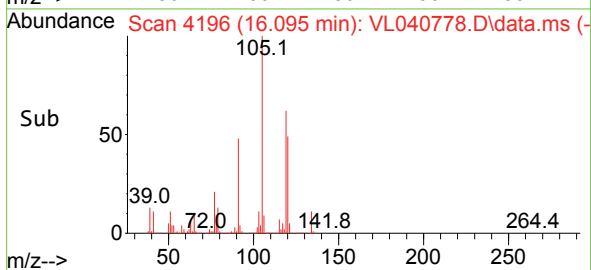
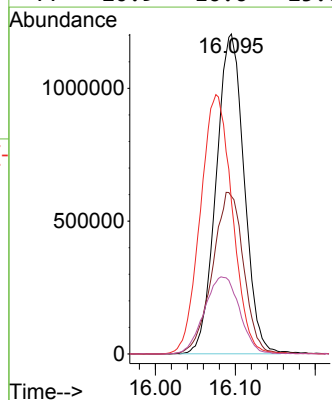
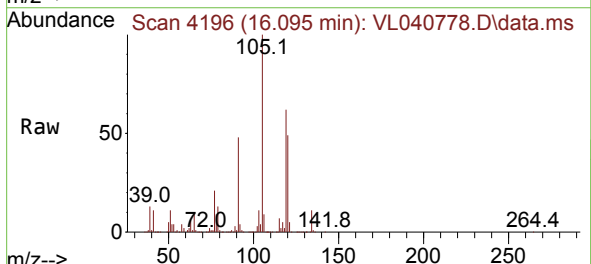
Instrument :
 MSVOA_L
 ClientSampleId :

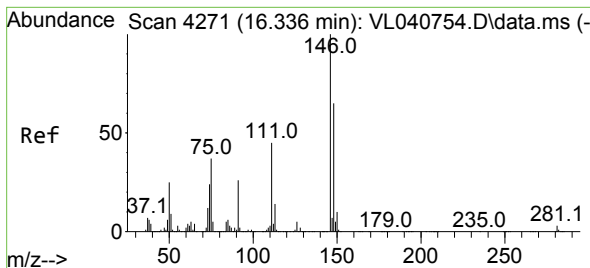
Tgt Ion:105 Resp: 2716928
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 9.744 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.019 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Tgt Ion:105 Resp: 2921090
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.4 59.2
 91 47.3 38.6 58.0
 77 20.9 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.754 ppbv

RT: 16.314 min Scan# 4309

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

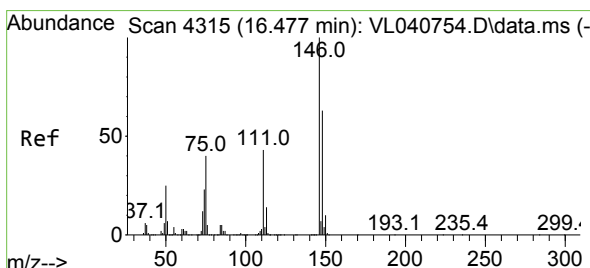
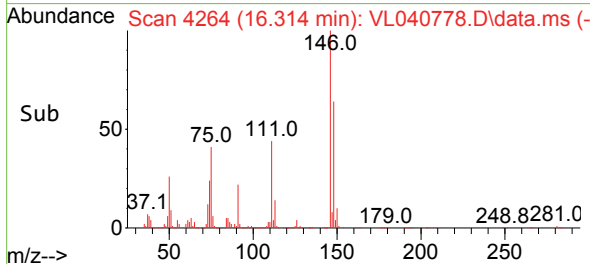
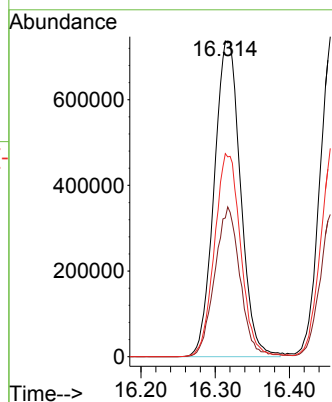
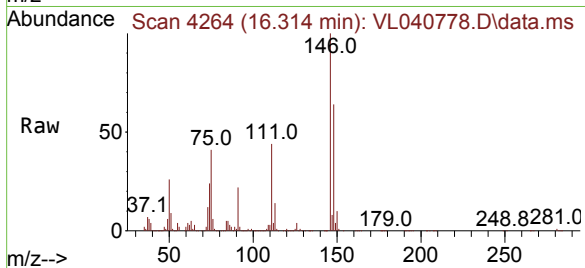
Tgt Ion:146 Resp: 1818491

Ion Ratio Lower Upper

146 100

111 45.7 22.6 67.7

148 64.0 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 9.707 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.019 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

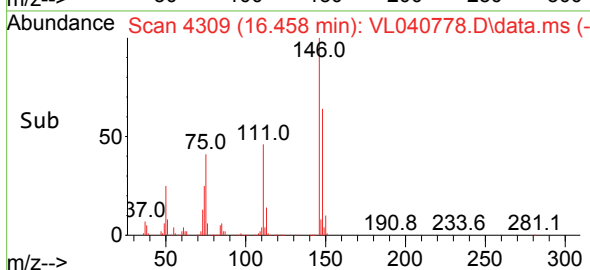
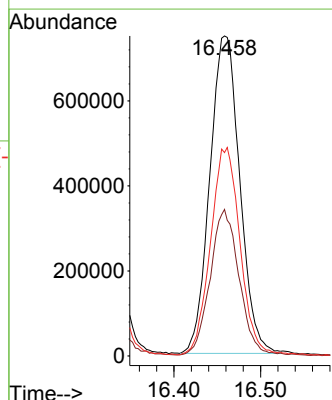
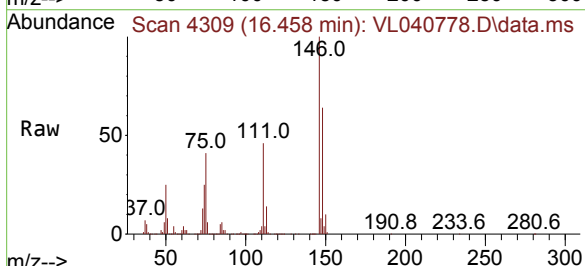
Tgt Ion:146 Resp: 1792396

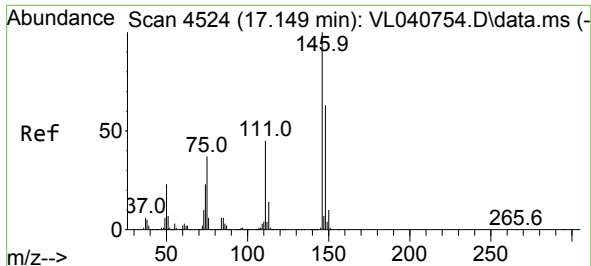
Ion Ratio Lower Upper

146 100

111 45.0 22.0 66.0

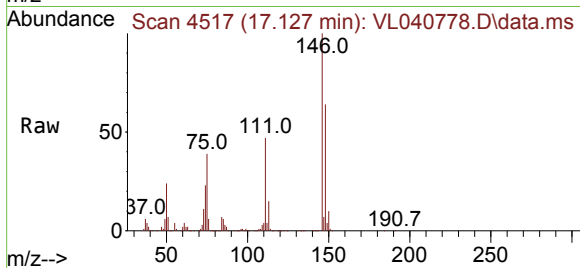
148 65.8 33.4 100.1



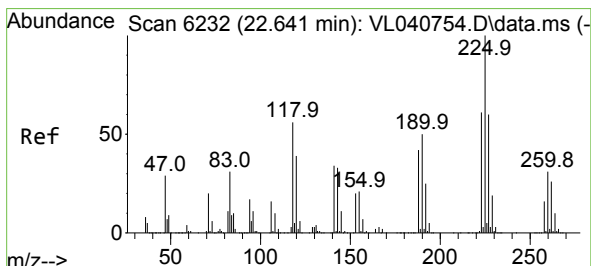
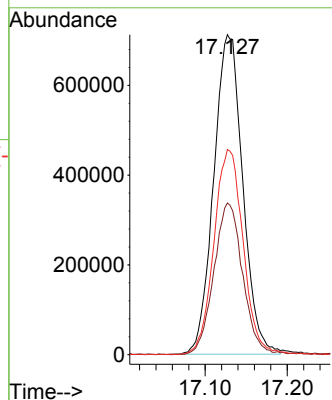
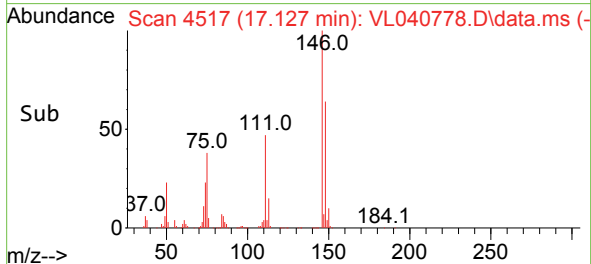


#77
1,2-Dichlorobenzene
Concen: 9.572 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :

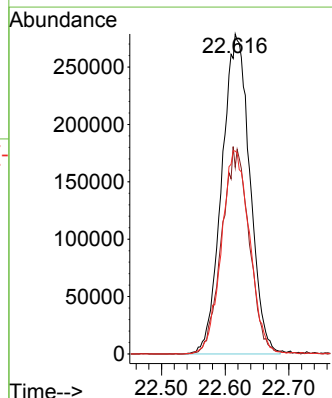
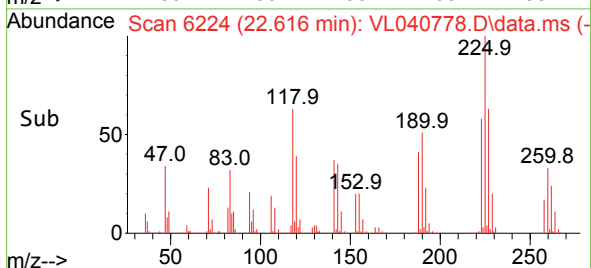
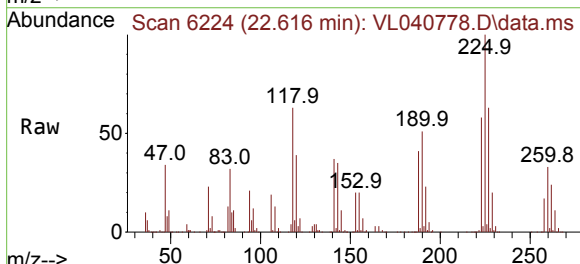


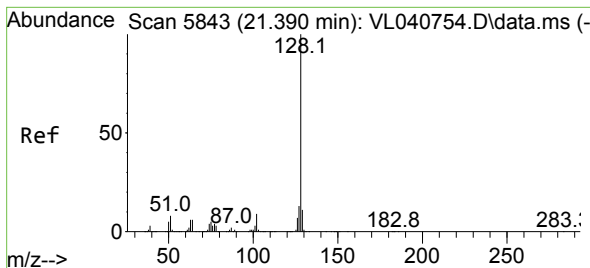
Tgt Ion:146 Resp: 1751067
Ion Ratio Lower Upper
146 100
111 47.6 22.9 68.8
148 64.9 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 6.507 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.026 min
Lab File: VL040778.D
Acq: 23 Oct 2023 14:37

Tgt Ion:225 Resp: 851775
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 64.2 51.4 77.0





#79

Naphthalene

Concen: 11.359 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.022 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

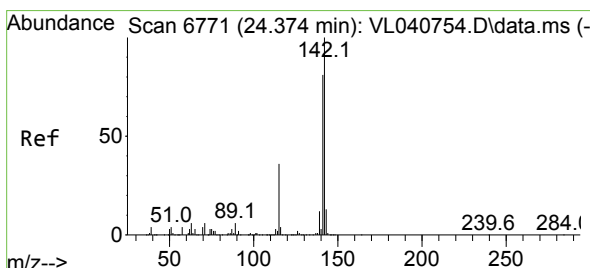
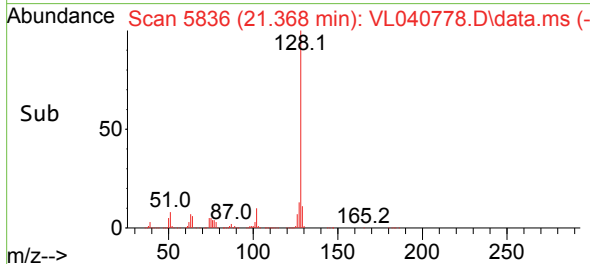
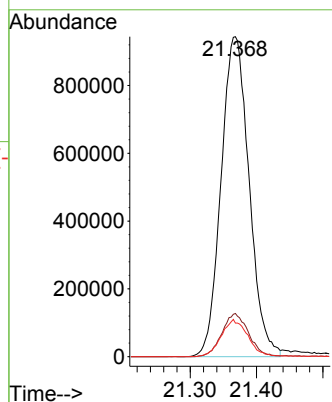
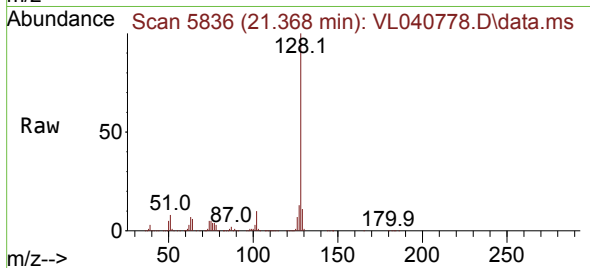
Tgt Ion:128 Resp: 2767952

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.5 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 12.972 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.016 min

Lab File: VL040778.D

Acq: 23 Oct 2023 14:37

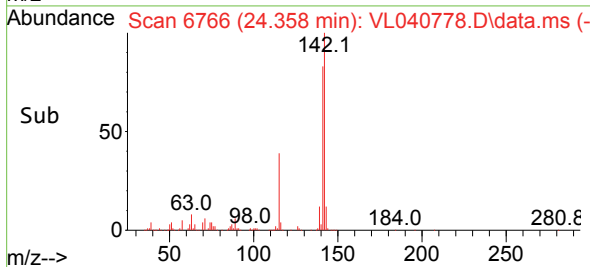
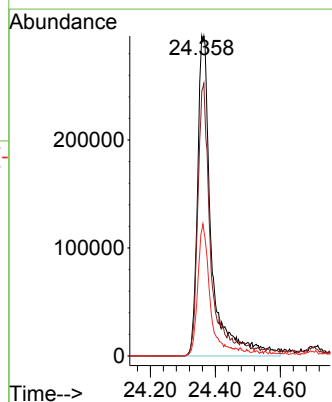
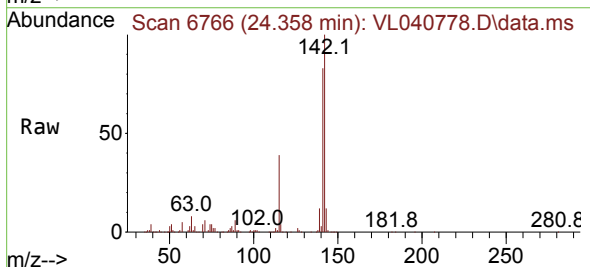
Tgt Ion:142 Resp: 887064

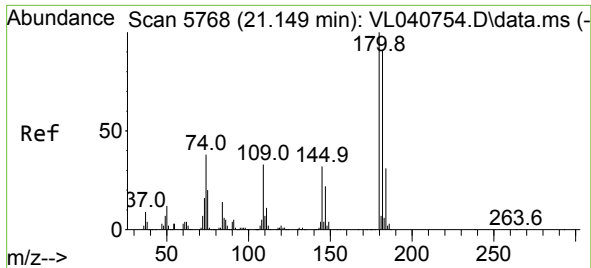
Ion Ratio Lower Upper

142 100

141 82.5 66.3 99.5

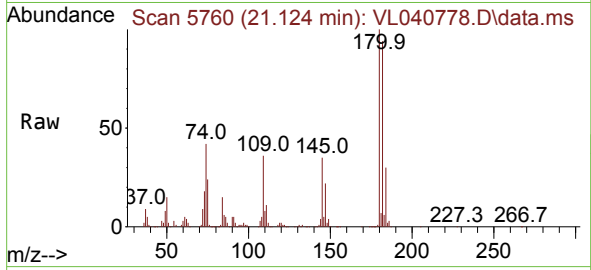
115 38.7 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.335 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.026 min
 Lab File: VL040778.D
 Acq: 23 Oct 2023 14:37

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1367354
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.9 116.9
 184 31.4 25.0 37.6

