

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040754.D
 Acq On : 11 Oct 2023 12:00
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:25:23 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	5.208	49	1210263	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3283429	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3402040	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2397360	9.577	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	2021829	9.486	ppbv	100
3) Chlorodifluoromethane	2.703	51	1681947	9.456	ppbv	100
4) Chloromethane	2.841	50	671723	9.564	ppbv	100
5) Vinyl Chloride	2.947	62	679319	9.361	ppbv	100
6) Bromomethane	3.147	94	291612	9.713	ppbv	100
7) Chloroethane	3.221	64	236250	10.000	ppbv	100
8) Dichlorotetrafluoroethane	2.883	85	1553263	9.614	ppbv	100
9) Propene	2.722	41	634951	9.611	ppbv	100
10) Heptane	7.590	43	1561956	9.412	ppbv	100
11) Trichlorofluoromethane	3.584	101	1576122	9.582	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	1141782	9.732	ppbv	100
13) Ethanol	3.266	45	134257	9.003	ppbv	95
14) Bromoethene	3.388	108	505868	10.068	ppbv	100
15) Acetone	3.491	43	1152916	9.215	ppbv	99
16) 1,3-Butadiene	3.012	39	666445	10.153	ppbv	100
17) tert-Butyl alcohol	3.899	59	1367110	10.656	ppbv	100
18) 1,1-Dichloroethene	3.902	96	510381	9.706	ppbv	100
19) Isopropyl Alcohol	3.645	45	29224	0.363	ppbv #	37
20) Methylene Chloride	3.954	84	423830	8.132	ppbv	100
21) Allyl Chloride	4.018	41	848154	10.279	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	545993	9.756	ppbv	100
23) Vinyl Acetate	4.645	43	1524437	9.561	ppbv	100
24) 1,1-Dichloroethane	4.581	63	1141159	9.489	ppbv	100
25) Ethyl Acetate	5.221	43	2593276	9.460	ppbv	100
26) Hexane	5.230	57	1150309	9.181	ppbv	100
27) Carbon Disulfide	4.144	76	1387471	10.037	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	934634	9.593	ppbv	99
29) Chloroform	5.291	83	1703608	9.397	ppbv	100
30) Cyclohexane	6.613	84	1012402	9.496	ppbv	100
31) cis-1,2-Dichloroethene	5.095	61	1122655	9.723	ppbv	100
32) 1,1,1-Trichloroethane	6.021	97	1772450	9.186	ppbv	100
34) 2-Butanone	4.803	43	1274933	8.578	ppbv	99
35) Carbon Tetrachloride	6.507	117	1824145	9.898	ppbv	100
36) Benzene	6.385	78	2477672	9.810	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1307330	10.108	ppbv	100
38) Trichloroethene	7.304	130	966096	8.644	ppbv	100
39) 1,2-Dichloropropane	7.086	63	976107	9.893	ppbv	100
40) 1,4-Dioxane	7.298	88	375291	10.051	ppbv #	100
41) Tetrahydrofuran	5.571	42	1050889	10.211	ppbv	100
42) Bromodichloromethane	7.262	83	1944437	10.036	ppbv	100
43) Methyl Methacrylate	7.484	69	1027322	10.162	ppbv	100
44) 2,2,4-Trimethylpentane	7.340	57	4093080	9.584	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	897644	11.135	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040754.D
 Acq On : 11 Oct 2023 12:00
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

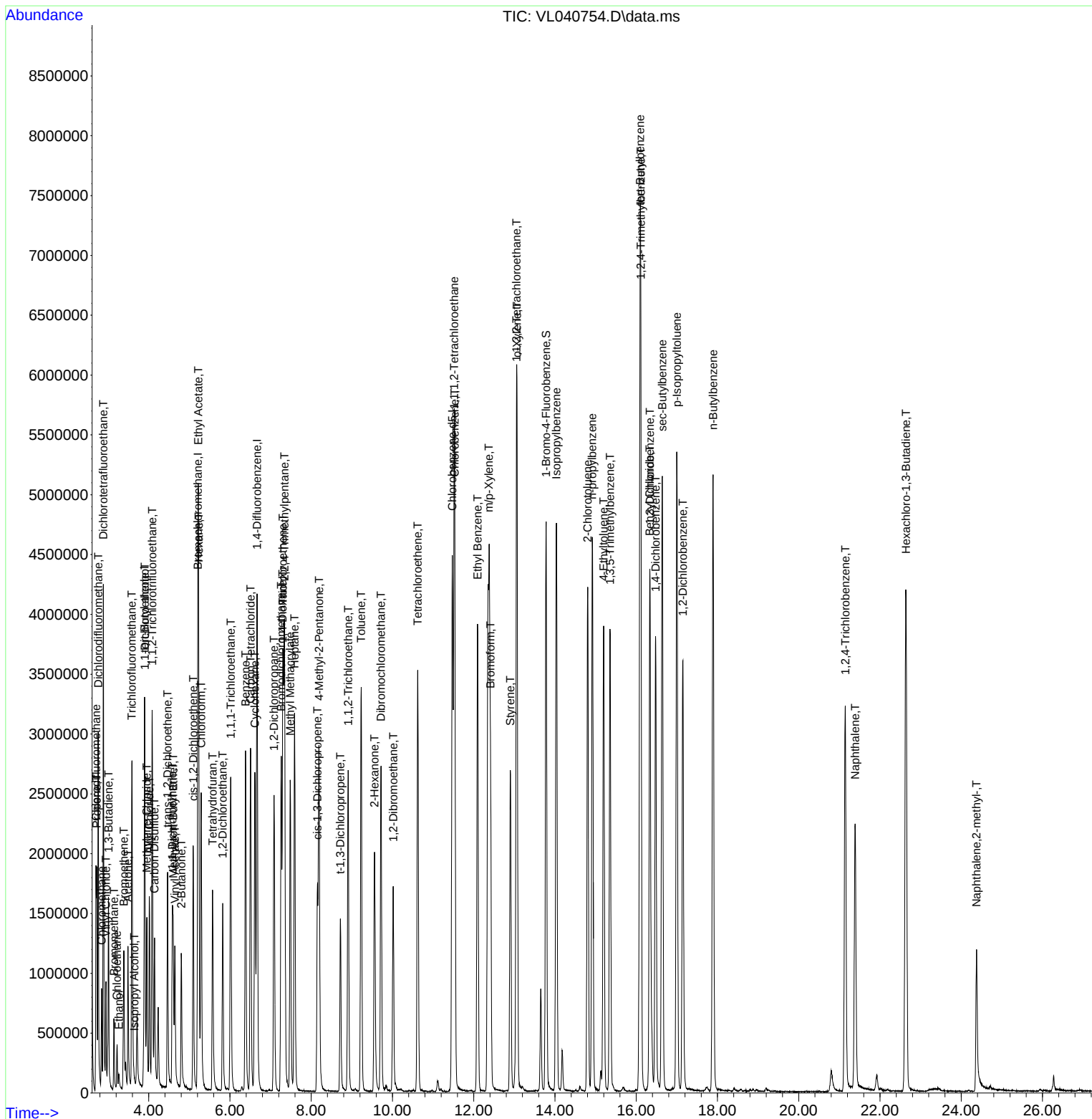
Instrument :
 MSVOA_L
 ClientSampleId :

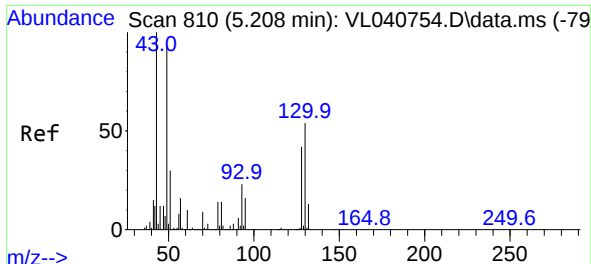
Quant Time: Oct 12 00:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1035668	10.516	ppbv	100
47) 1,1,2-Trichloroethane	8.909	97	1011919	9.763	ppbv	100
48) Dibromochloromethane	9.719	129	1770212	10.192	ppbv	100
49) Bromoform	12.413	173	1519191	10.760	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	2543008	10.002	ppbv	100
51) 2-Hexanone	9.558	43	1960185	10.130	ppbv #	100
52) Tetrachloroethene	10.622	164	934367	9.108	ppbv	100
53) Toluene	9.230	91	2870594	9.551	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1471159	10.125	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1283736	9.246	ppbv	98
57) Chlorobenzene	11.536	112	2193922	9.000	ppbv	100
58) Ethyl Benzene	12.095	91	3825424	8.931	ppbv	100
59) m/p-Xylene	12.375	91	2706082	7.676	ppbv #	7
60) o-Xylene	13.066	91	2990832	8.904	ppbv	100
61) Styrene	12.902	104	1760772	9.461	ppbv	100
62) Isopropylbenzene	14.034	105	4542941	8.791	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	2095905	8.322	ppbv	100
64) n-propylbenzene	14.918	120	1260564	9.080	ppbv	100
65) tert-Butylbenzene	16.095	119	3991153	8.563	ppbv	100
66) Benzyl Chloride	16.333	91	541818	11.538	ppbv	100
67) sec-Butylbenzene	16.641	105	5563487	8.718	ppbv	100
69) p-Isopropyltoluene	16.998	119	4698641	8.787	ppbv	100
70) n-Butylbenzene	17.892	91	4669495	8.893	ppbv	100
71) 2-Chlorotoluene	14.805	91	3442542	8.868	ppbv	100
72) 4-Ethyltoluene	15.198	105	3679222	9.353	ppbv	100
73) 1,3,5-Trimethylbenzene	15.355	105	3156602	9.114	ppbv	100
74) 1,2,4-Trimethylbenzene	16.114	105	3346057	8.843	ppbv	100
75) 1,3-Dichlorobenzene	16.336	146	2129740	9.050	ppbv	100
76) 1,4-Dichlorobenzene	16.477	146	2098524	9.004	ppbv	100
77) 1,2-Dichlorobenzene	17.149	146	2071842	8.973	ppbv	100
78) Hexachloro-1,3-Butadiene	22.641	225	1325515	8.023	ppbv	100
79) Naphthalene	21.390	128	3103679	10.090	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	1043854	12.094	ppbv	100
81) 1,2,4-Trichlorobenzene	21.149	180	1570019	9.402	ppbv	100

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

Quant Time: Oct 12 00:25:23 2023
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

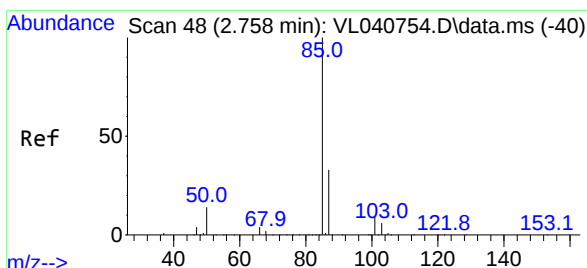
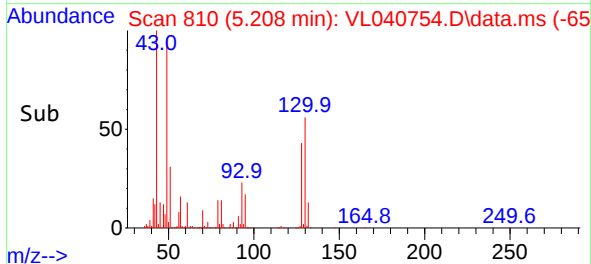
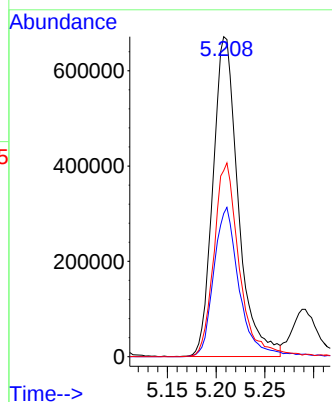
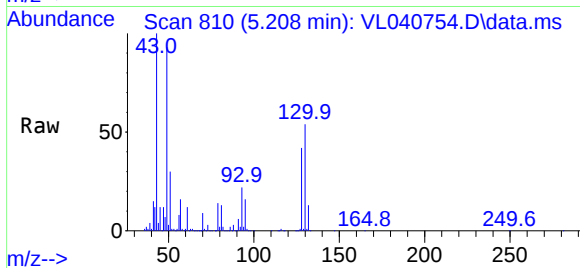




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

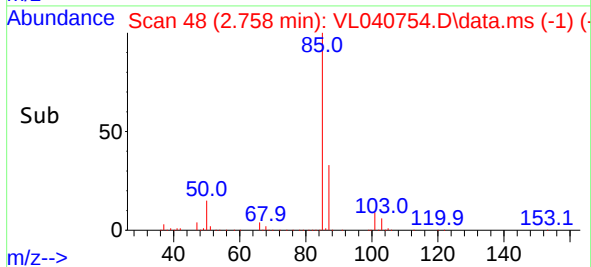
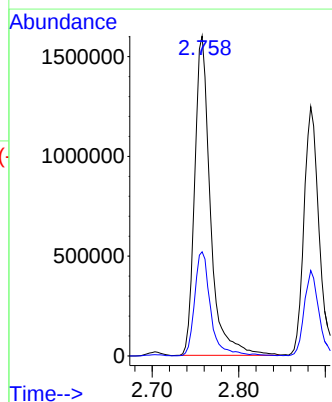
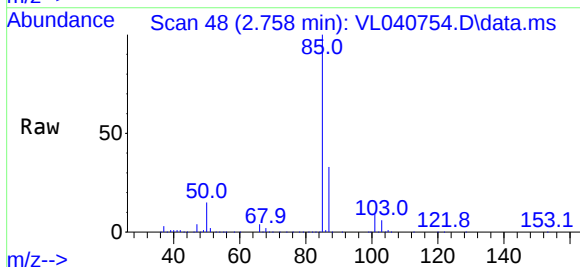
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1210263
Ion Ratio Lower Upper
49 100
128 47.6 23.9 71.7
130 61.6 30.7 92.1

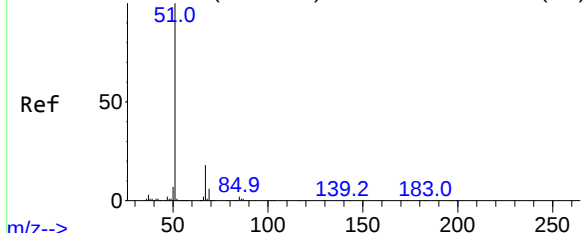


#2
Dichlorodifluoromethane
Concen: 9.486 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

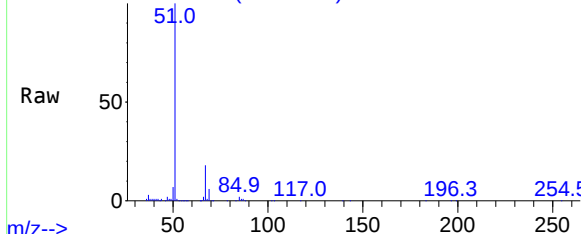
Tgt Ion: 85 Resp: 2021829
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



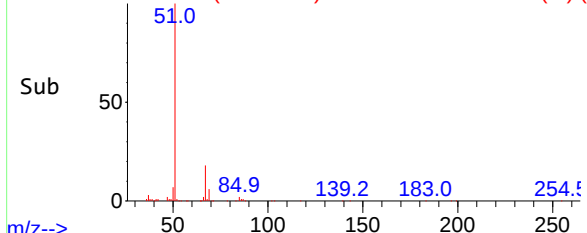
Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)



m/z--> Scan 31 (2.703 min): VL040754.D\data.ms



m/z--> Scan 31 (2.703 min): VL040754.D\data.ms (-1) (-1)

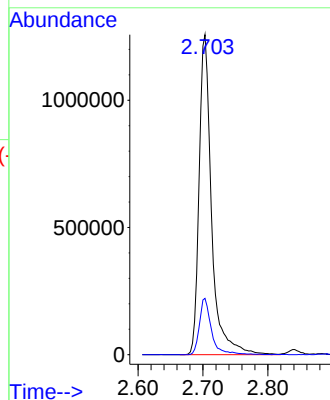


m/z-->

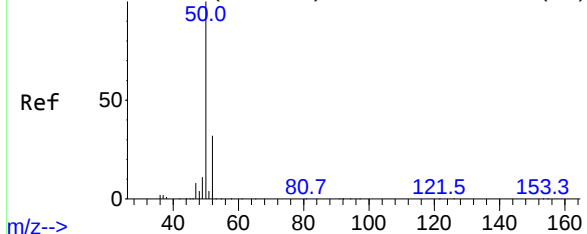
#3
Chlorodifluoromethane
Concen: 9.456 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :

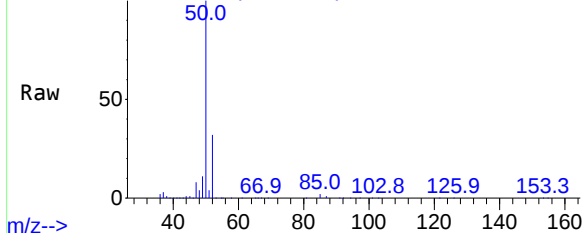
Tgt Ion: 51 Resp: 1681947
Ion Ratio Lower Upper
51 100
67 17.2 13.8 20.6



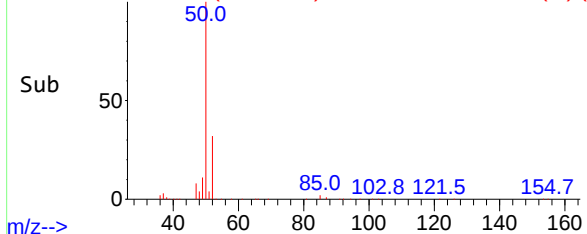
Abundance Scan 74 (2.841 min): VL040754.D\data.ms (-65)



m/z--> Scan 74 (2.841 min): VL040754.D\data.ms



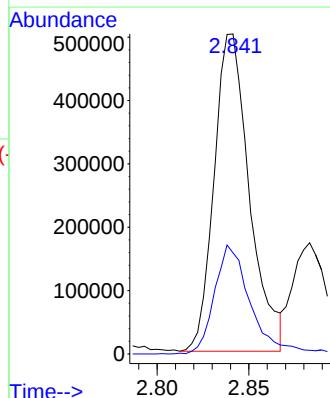
m/z--> Scan 74 (2.841 min): VL040754.D\data.ms (-1) (-1)

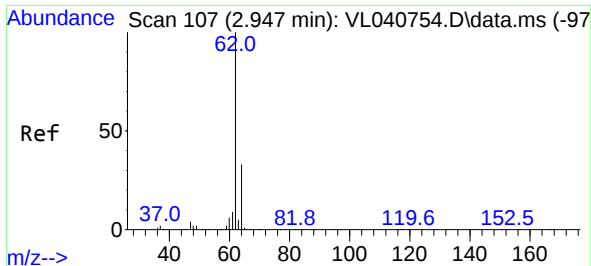


m/z-->

#4
Chloromethane
Concen: 9.564 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 50 Resp: 671723
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9

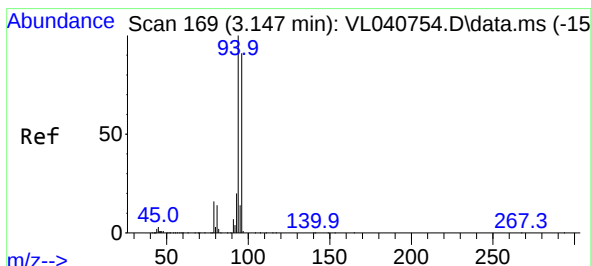
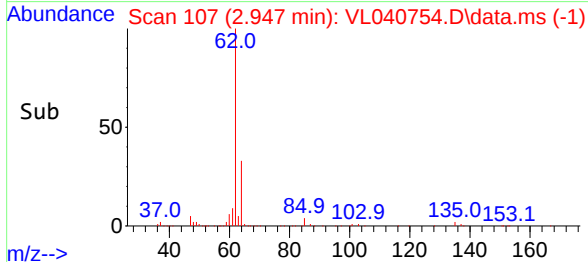
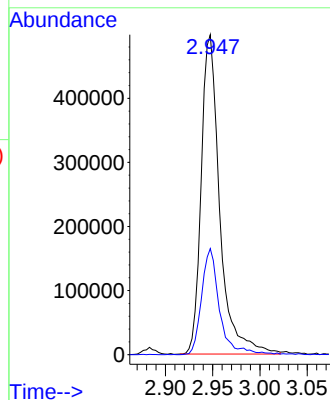
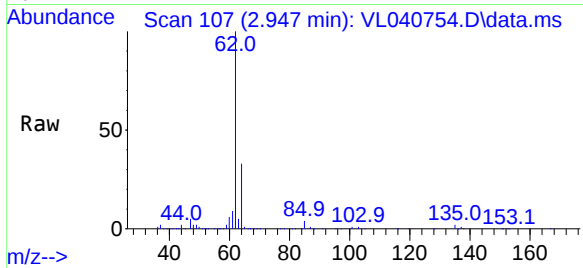




#5
 Vinyl Chloride
 Concen: 9.361 ppbv
 RT: 2.947 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

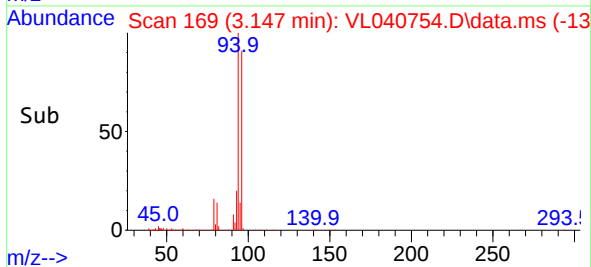
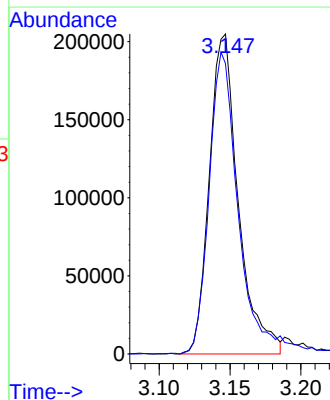
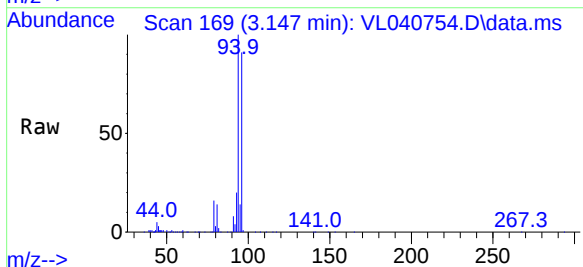
Instrument :
 MSVOA_L
 ClientSampleId :

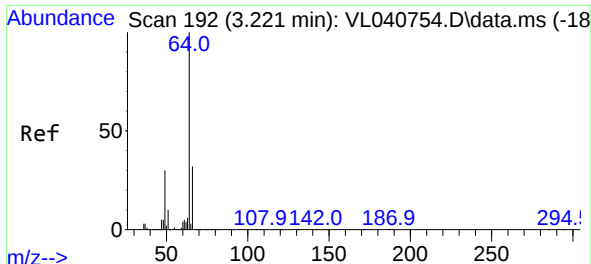
Tgt Ion: 62 Resp: 679319
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.6 39.8



#6
 Bromomethane
 Concen: 9.713 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Tgt Ion: 94 Resp: 291612
 Ion Ratio Lower Upper
 94 100
 96 90.8 72.6 109.0

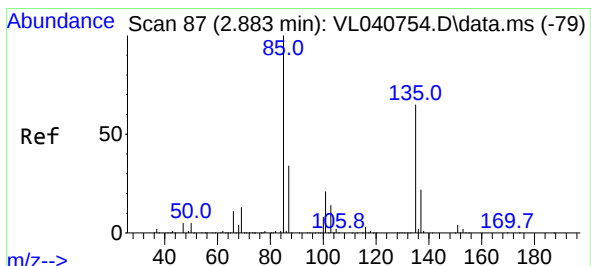
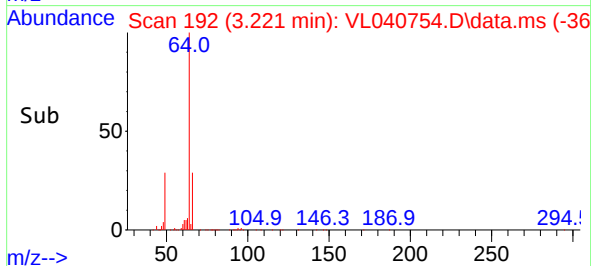
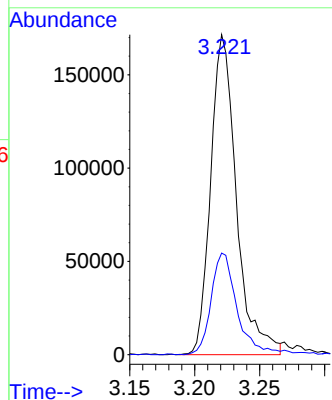
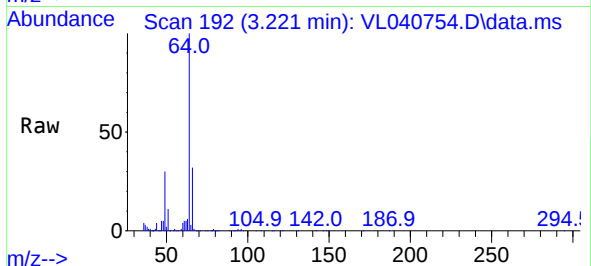




#7
Chloroethane
Concen: 10.000 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

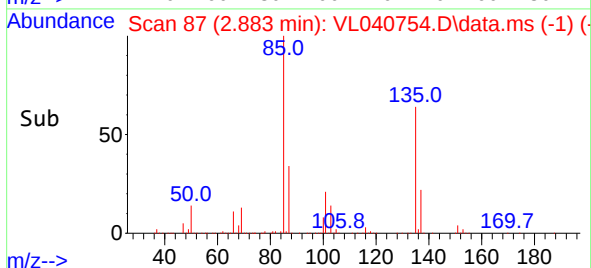
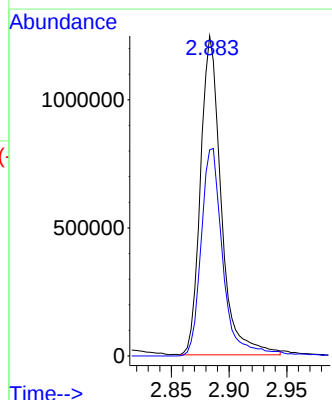
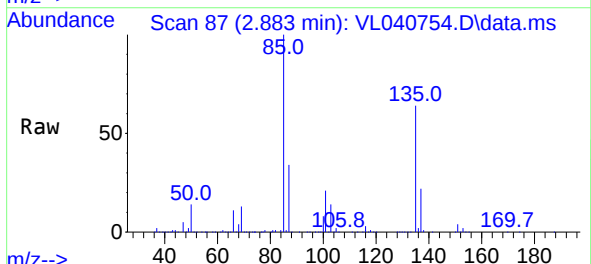
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 236250
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

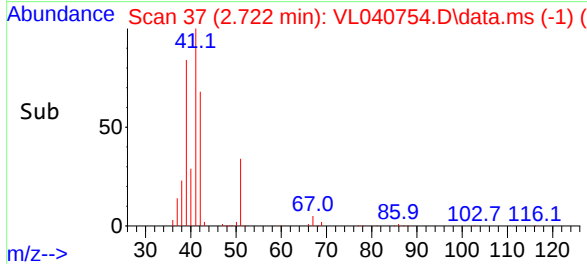
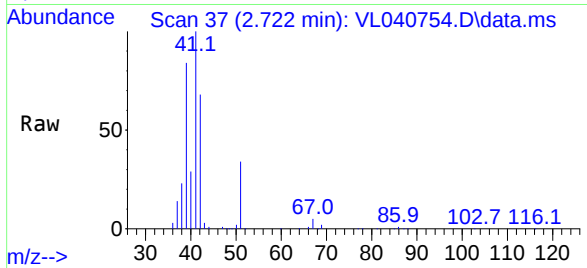
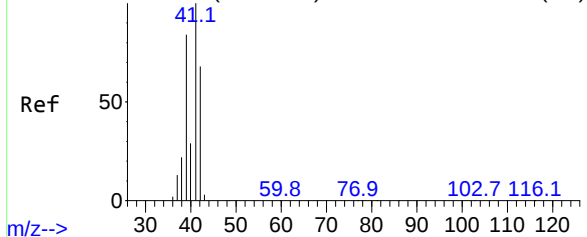


#8
Dichlorotetrafluoroethane
Concen: 9.614 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 85 Resp: 1553263
Ion Ratio Lower Upper
85 100
135 69.3 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 9.611 ppbv

RT: 2.722 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

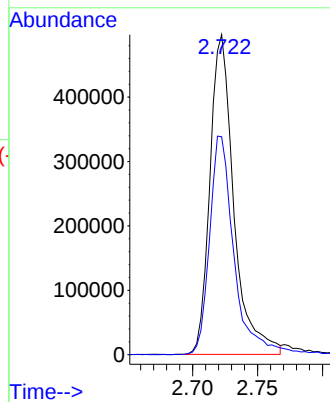
ClientSampleId :

Tgt Ion: 41 Resp: 634951

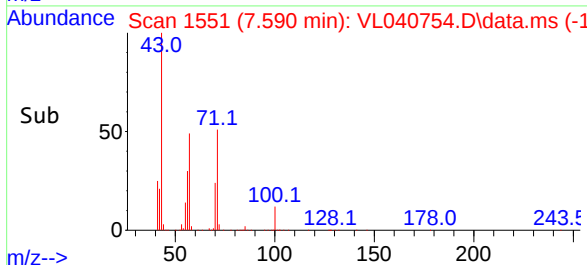
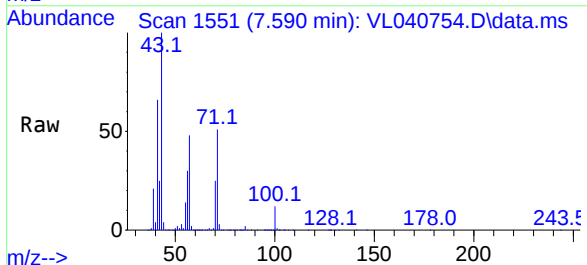
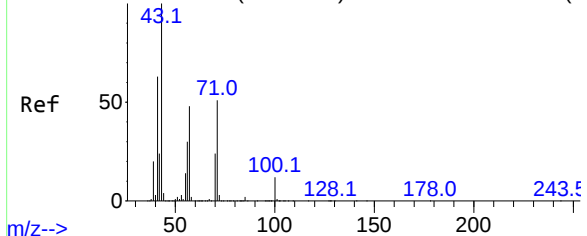
Ion Ratio Lower Upper

41 100

42 71.4 57.1 85.7



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 9.412 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.000 min

Lab File: VL040754.D

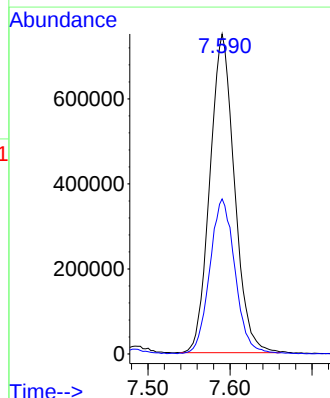
Acq: 11 Oct 2023 12:00

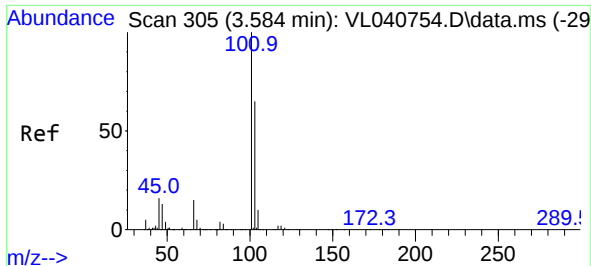
Tgt Ion: 43 Resp: 1561956

Ion Ratio Lower Upper

43 100

57 50.3 40.0 60.0

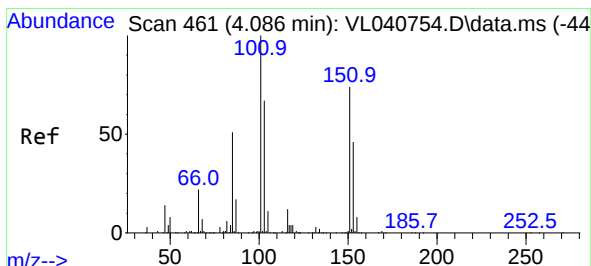
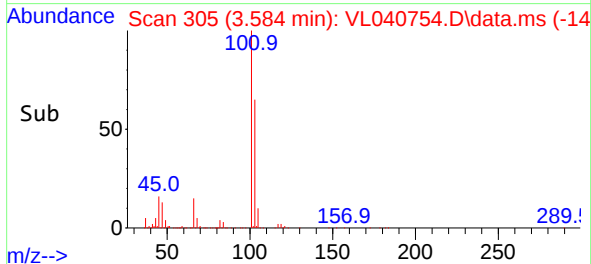
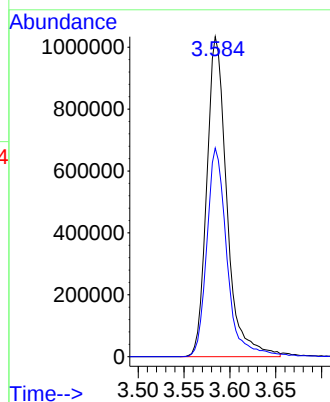
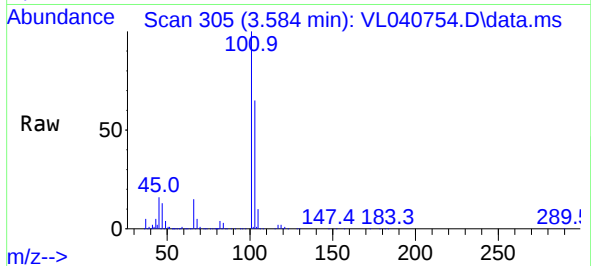




#11
 Trichlorofluoromethane
 Concen: 9.582 ppbv
 RT: 3.584 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

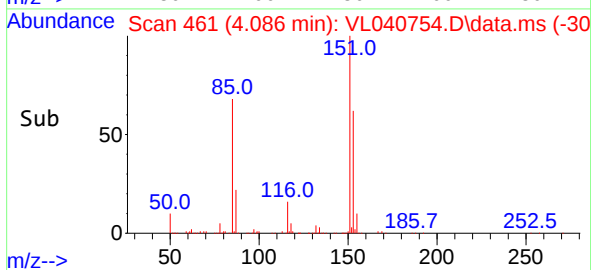
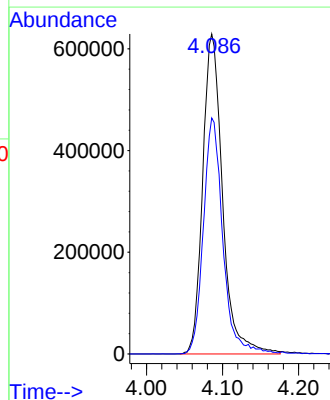
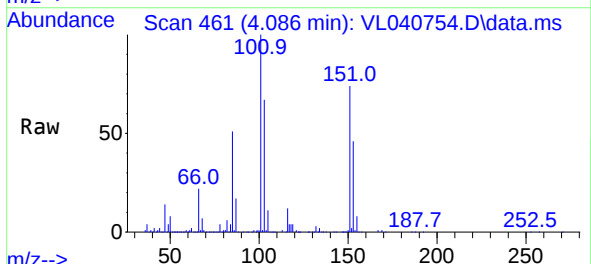
Instrument :
 MSVOA_L
 ClientSampleId :

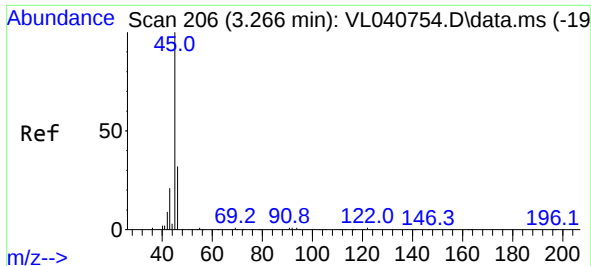
Tgt Ion:101 Resp: 1576122
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.732 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Tgt Ion:101 Resp: 1141782
 Ion Ratio Lower Upper
 101 100
 151 72.6 58.1 87.1

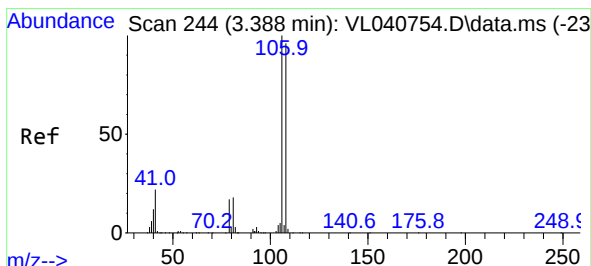
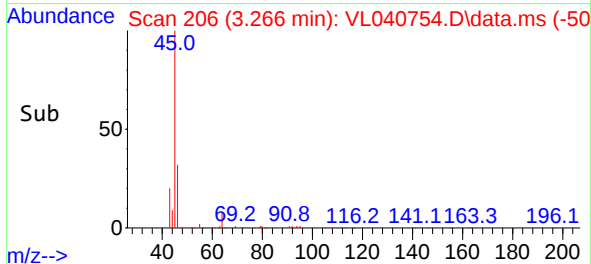
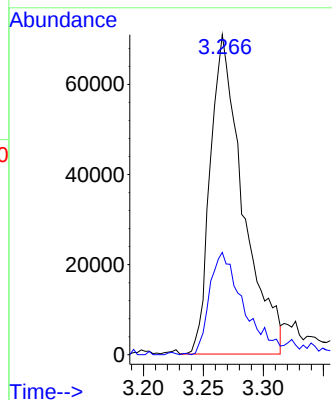
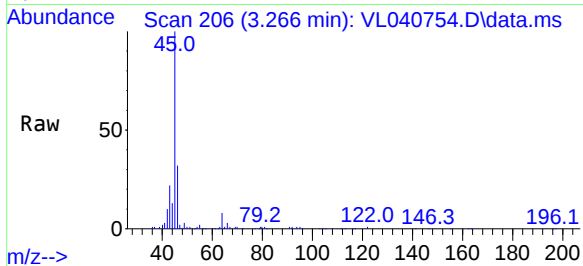




#13
Ethanol
Concen: 9.003 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

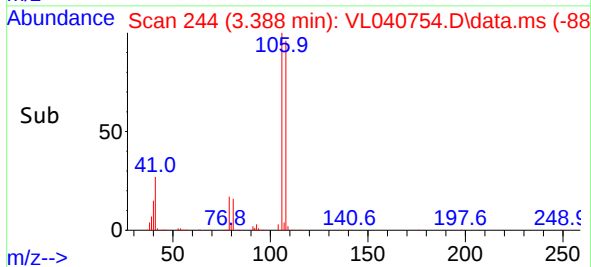
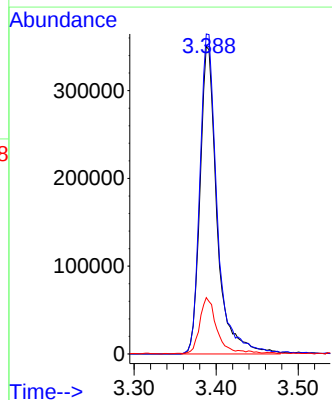
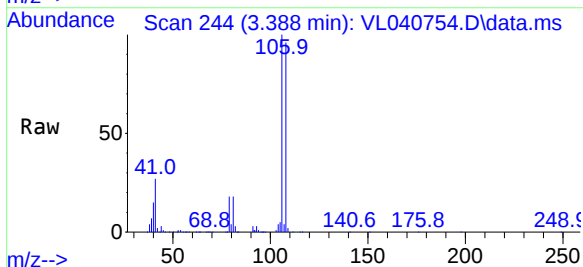
Instrument :
MSVOA_L
ClientSampleId :

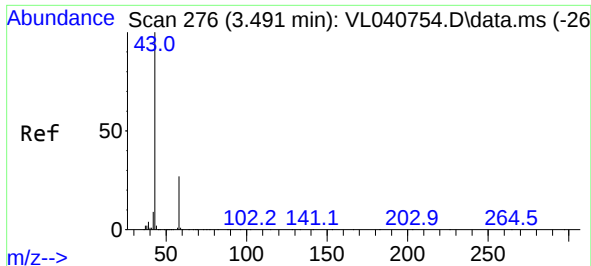
Tgt Ion: 45 Resp: 134257
Ion Ratio Lower Upper
45 100
46 33.4 14.6 58.2



#14
Bromoethene
Concen: 10.068 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 108 Resp: 505868
Ion Ratio Lower Upper
108 100
106 106.5 85.2 127.8
79 19.7 15.7 23.5

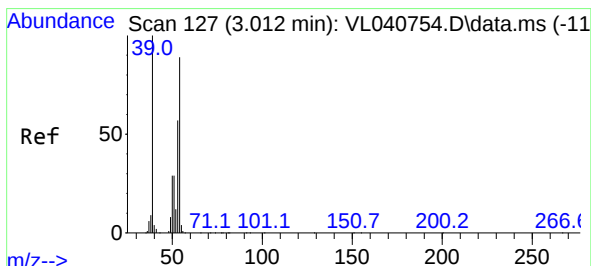
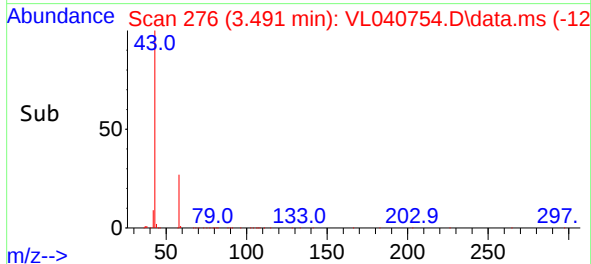
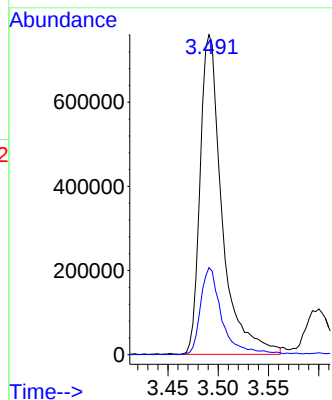
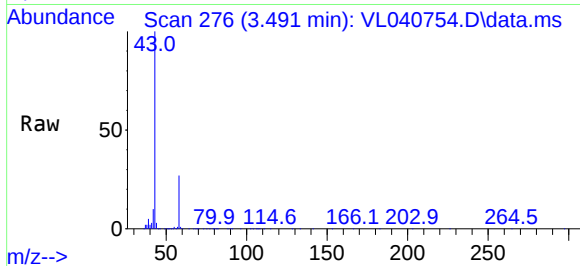




#15
Acetone
Concen: 9.215 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

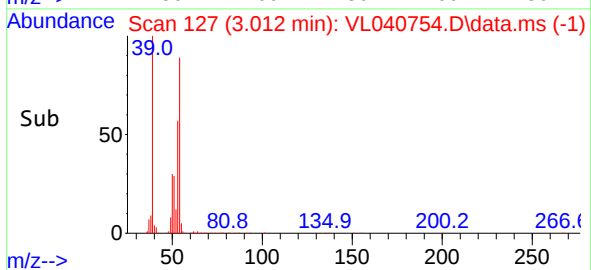
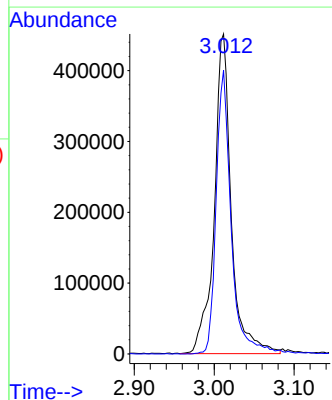
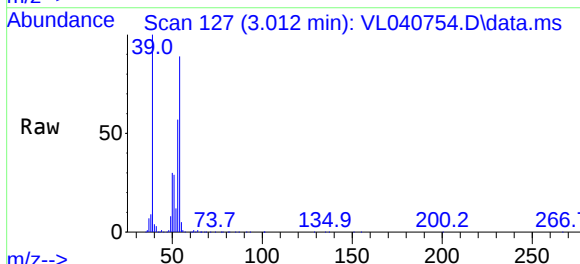
Instrument :
MSVOA_L
ClientSampleId :

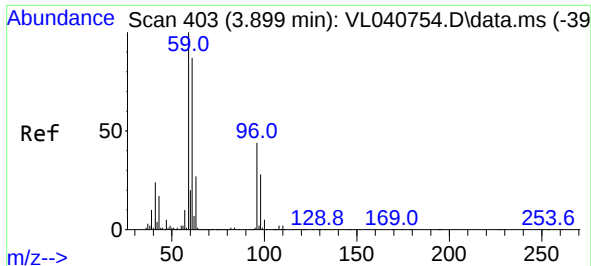
Tgt Ion: 43 Resp: 1152916
Ion Ratio Lower Upper
43 100
58 27.6 21.6 32.4



#16
1,3-Butadiene
Concen: 10.153 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 39 Resp: 666445
Ion Ratio Lower Upper
39 100
54 78.8 63.0 94.6

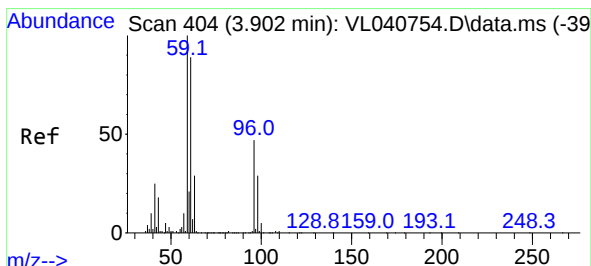
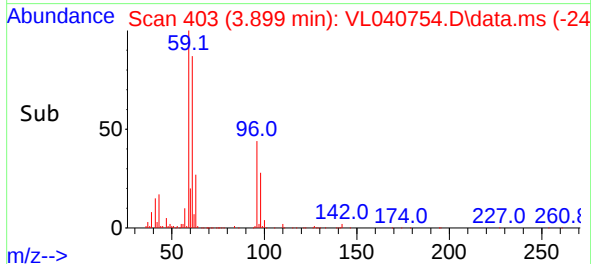
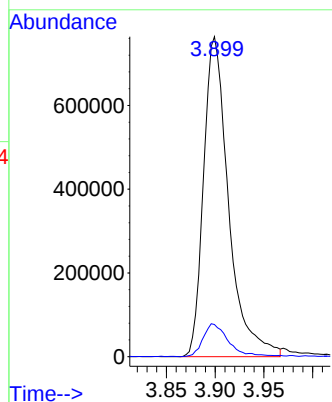
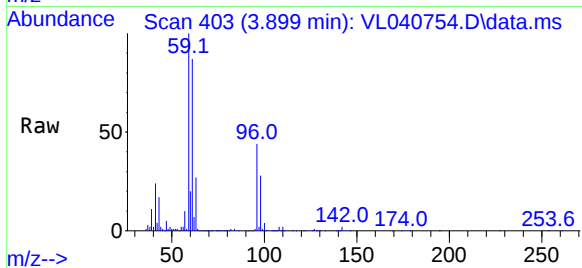




#17
tert-Butyl alcohol
Concen: 10.656 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

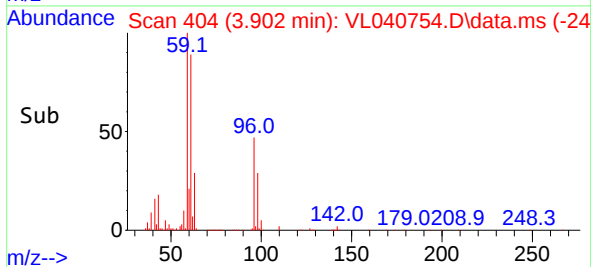
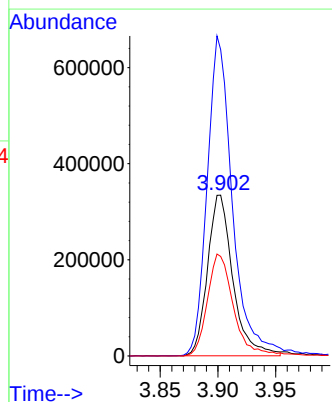
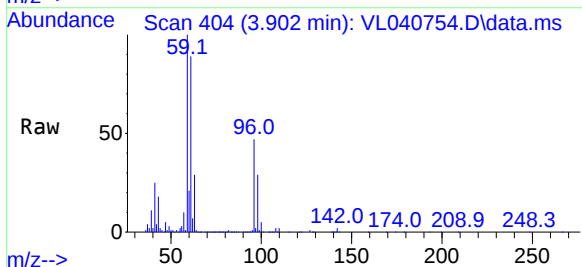
Instrument :
MSVOA_L
ClientSampleId :

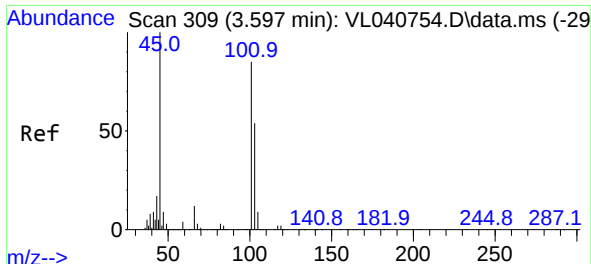
Tgt Ion: 59 Resp: 1367110
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#18
1,1-Dichloroethene
Concen: 9.706 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 96 Resp: 510381
Ion Ratio Lower Upper
96 100
61 190.6 152.5 228.7
98 62.0 49.6 74.4





#19

Isopropyl Alcohol

Concen: 0.363 ppbv

RT: 3.645 min Scan# 31

Delta R.T. 0.048 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

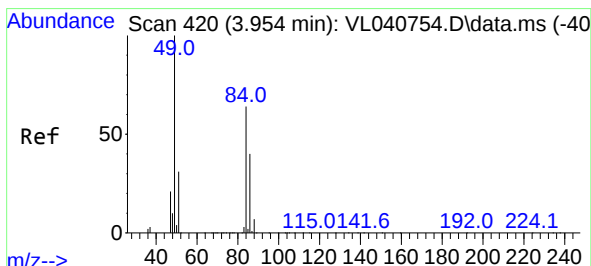
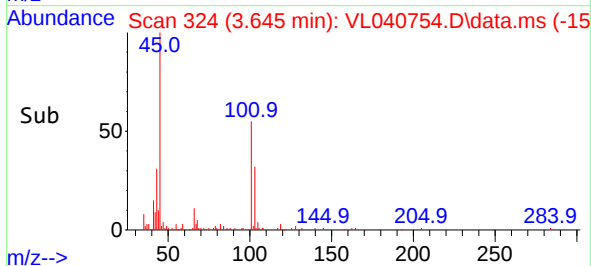
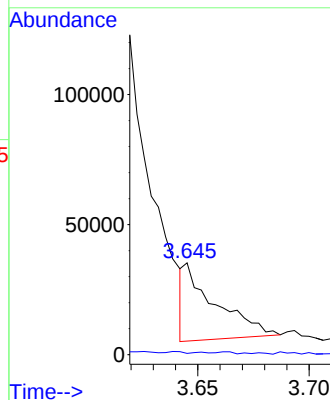
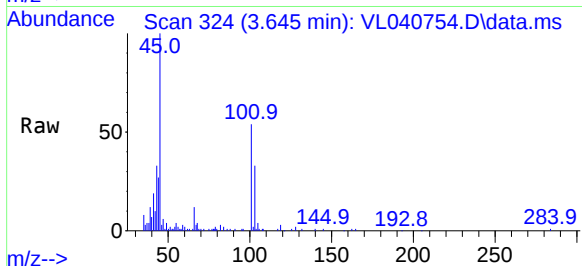
ClientSampleId :

Tgt Ion: 45 Resp: 29224

Ion Ratio Lower Upper

45 100

58 0.0 30.3 45.5#



#20

Methylene Chloride

Concen: 8.132 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Tgt Ion: 84 Resp: 423830

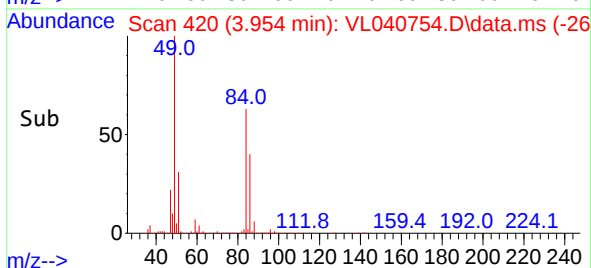
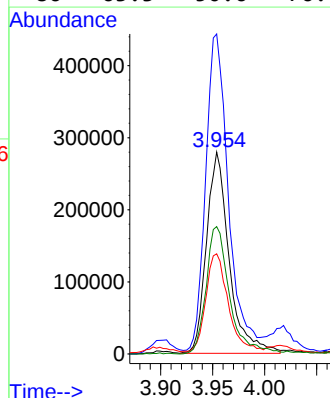
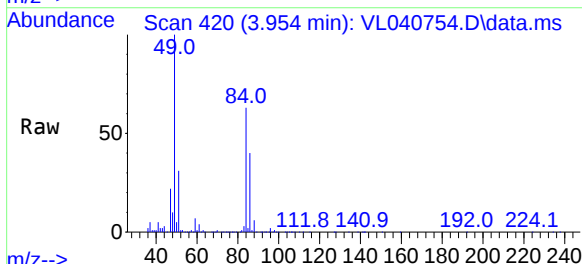
Ion Ratio Lower Upper

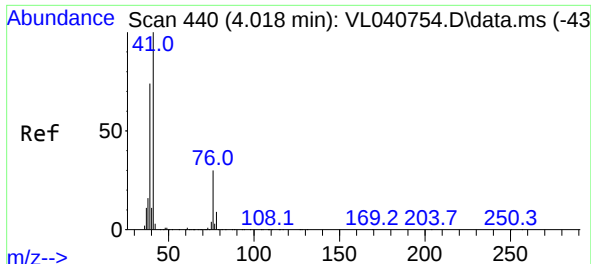
84 100

49 157.0 125.6 188.4

51 48.6 38.9 58.3

86 63.3 50.6 76.0

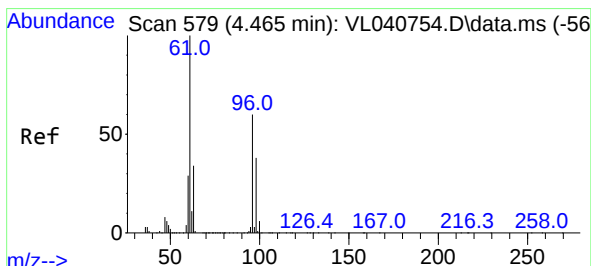
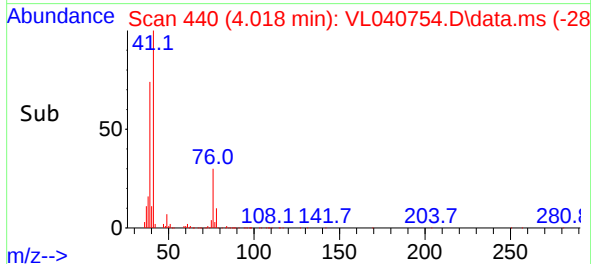
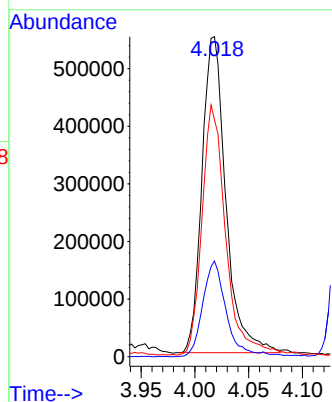
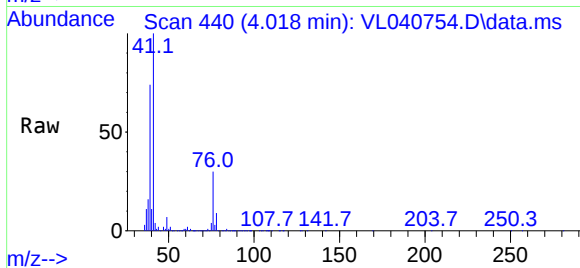




#21
 Allyl Chloride
 Concen: 10.279 ppbv
 RT: 4.018 min Scan# 440
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

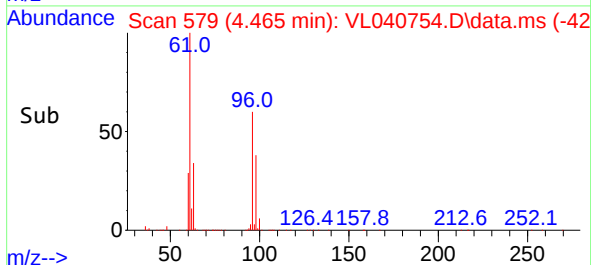
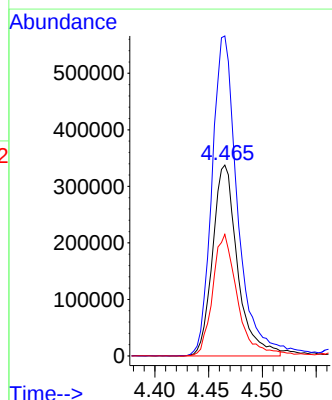
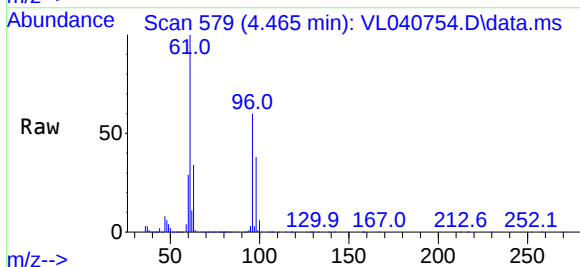
Instrument :
 MSVOA_L
 ClientSampleId :

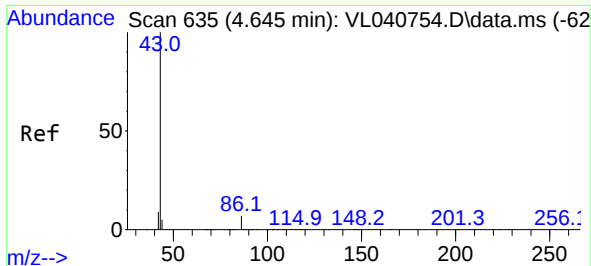
Tgt Ion: 41 Resp: 848154
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.1 36.1
 39 79.4 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.756 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

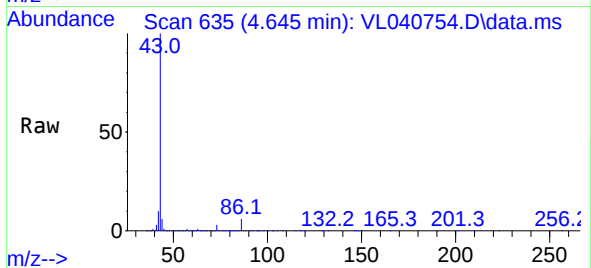
Tgt Ion: 96 Resp: 545993
 Ion Ratio Lower Upper
 96 100
 61 167.5 134.0 201.0
 98 63.7 51.0 76.4





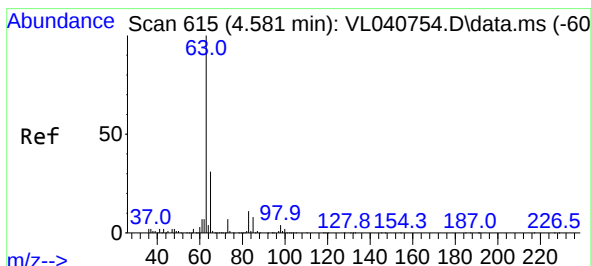
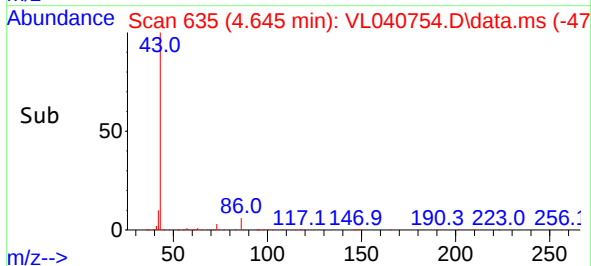
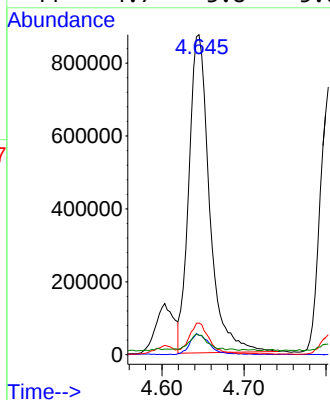
#23
 Vinyl Acetate
 Concen: 9.561 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1524437

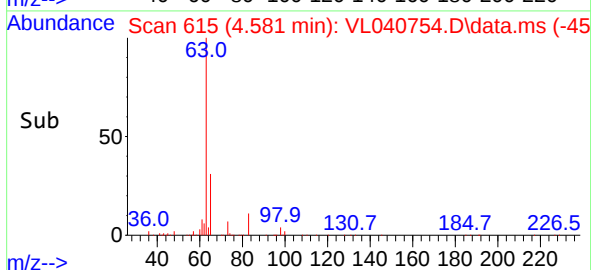
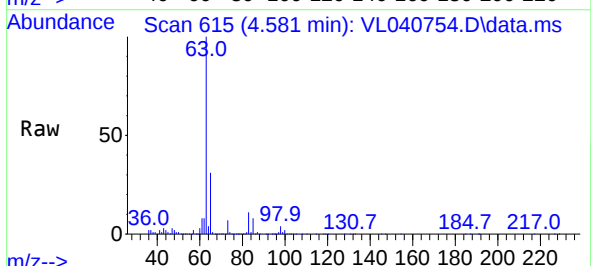
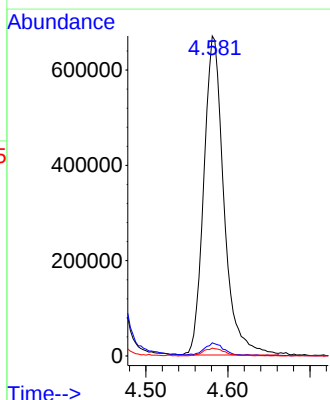
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3
42	9.7	7.8	11.6
44	4.7	3.8	5.6

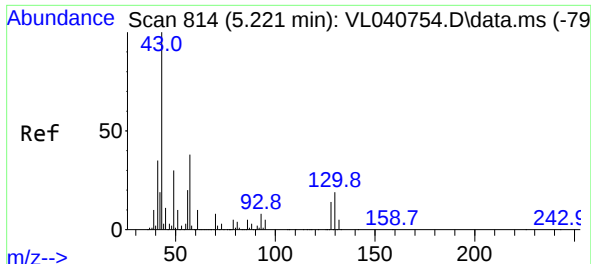


#24
 1,1-Dichloroethane
 Concen: 9.489 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Tgt Ion: 63 Resp: 1141159

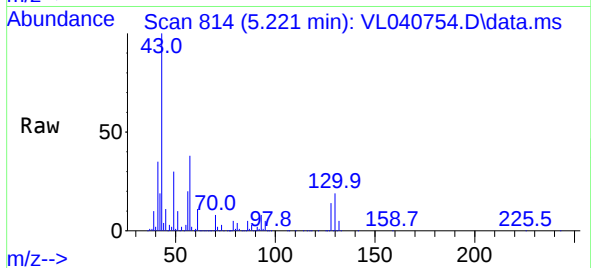
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.5	1.3	3.8





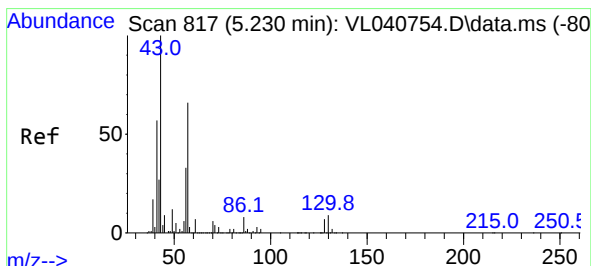
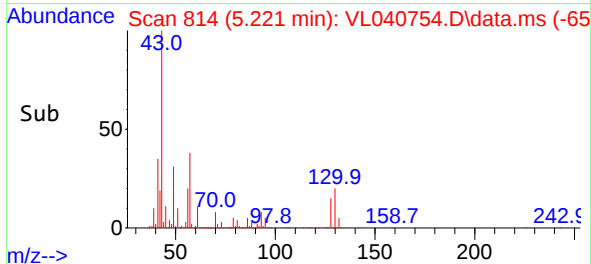
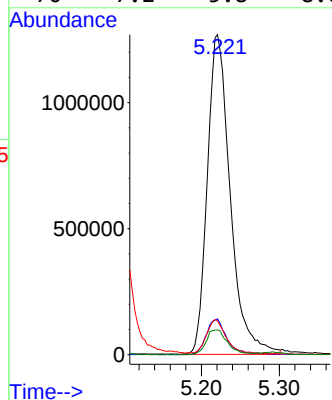
#25
Ethyl Acetate
Concen: 9.460 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2593276

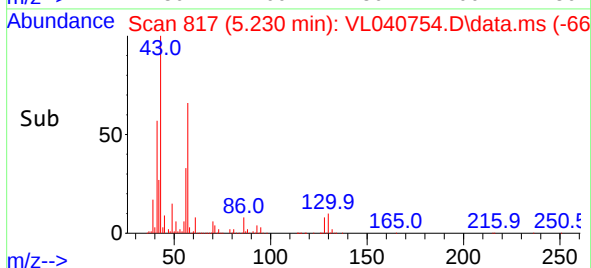
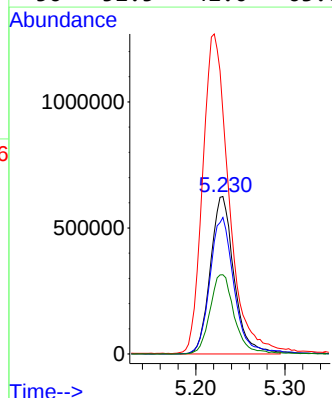
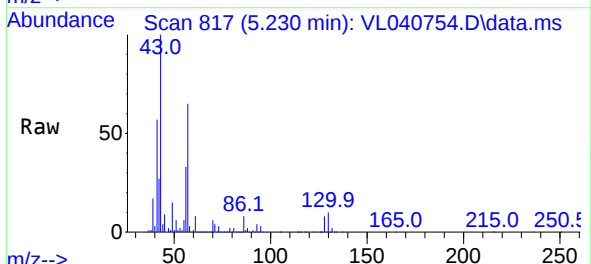
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.2	8.2	12.2
70	7.2	5.8	8.6

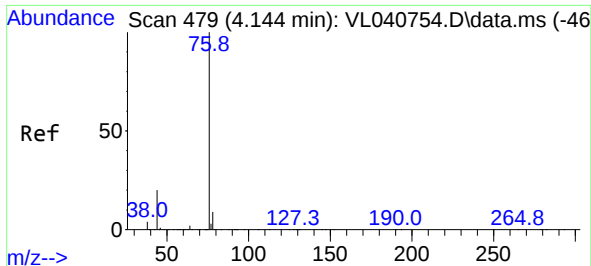


#26
Hexane
Concen: 9.181 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 57 Resp: 1150309

Ion	Ratio	Lower	Upper
57	100		
41	89.3	71.4	107.2
43	227.9	182.3	273.5
56	52.5	42.0	63.0

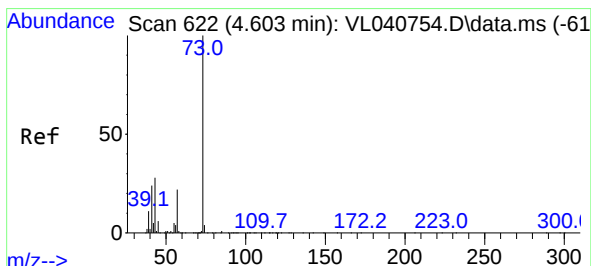
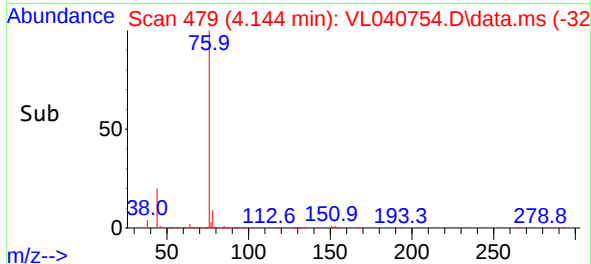
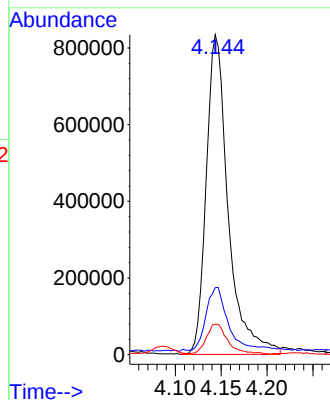
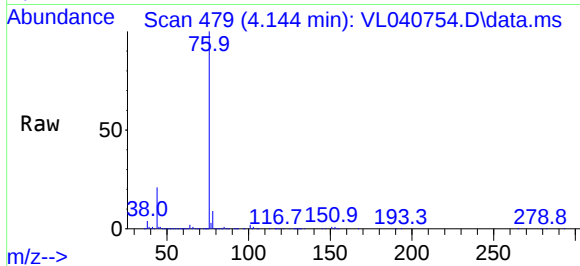




#27
Carbon Disulfide
Concen: 10.037 ppbv
RT: 4.144 min Scan# 479
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

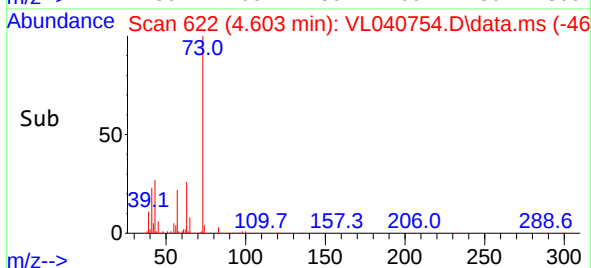
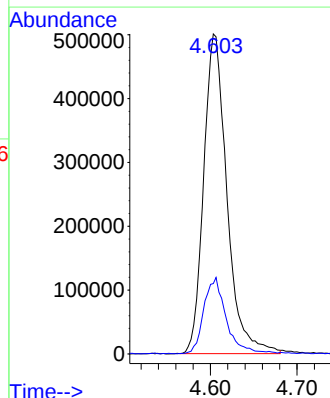
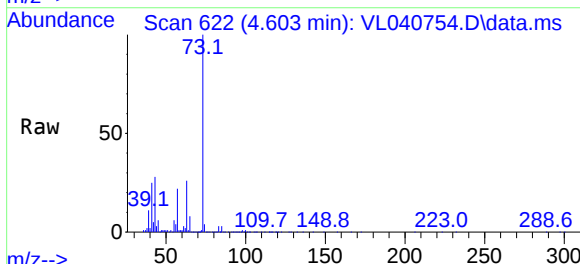
Instrument :
MSVOA_L
ClientSampleId :

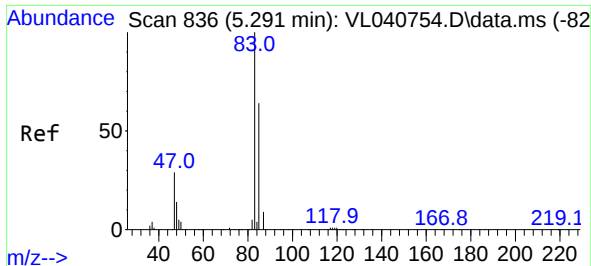
Tgt Ion: 76 Resp: 1387471
Ion Ratio Lower Upper
76 100
44 21.5 16.6 25.0
78 9.6 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.593 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 73 Resp: 934634
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3





#29

Chloroform

Concen: 9.397 ppbv

RT: 5.291 min Scan# 836

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

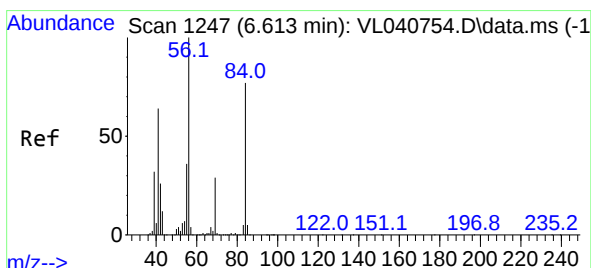
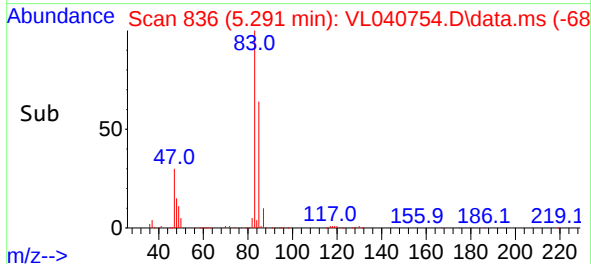
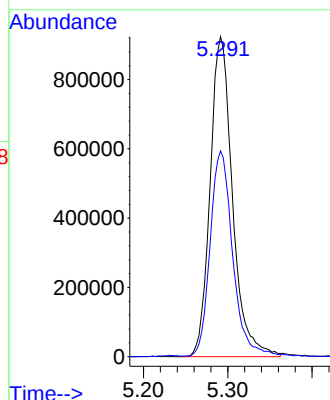
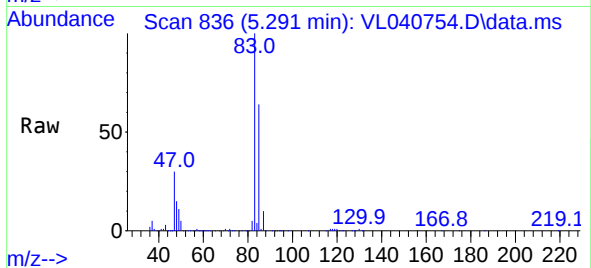
ClientSampleId :

Tgt Ion: 83 Resp: 1703608

Ion Ratio Lower Upper

83 100

85 64.1 51.3 76.9



#30

Cyclohexane

Concen: 9.496 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

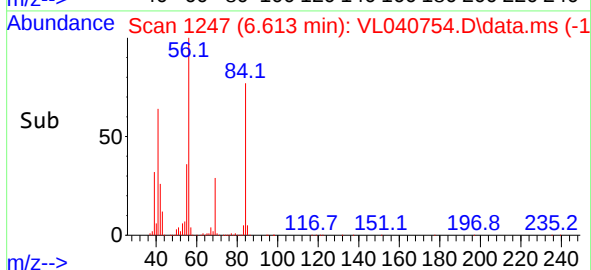
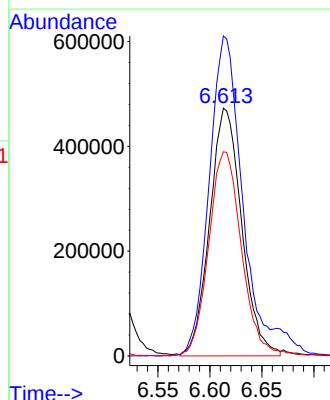
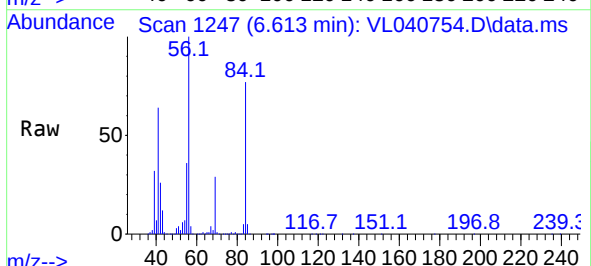
Tgt Ion: 84 Resp: 1012402

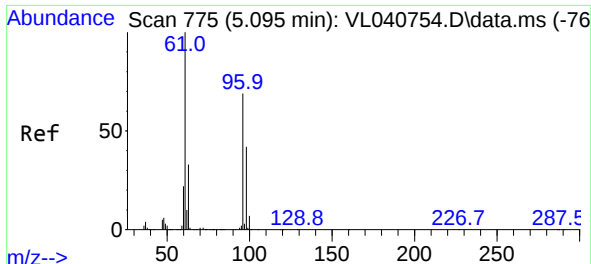
Ion Ratio Lower Upper

84 100

56 137.9 110.3 165.5

41 84.3 67.4 101.2

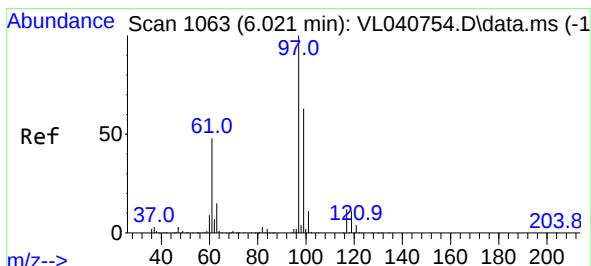
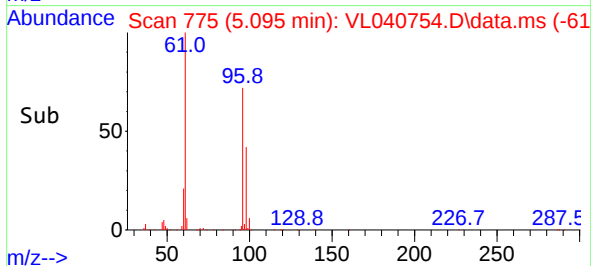
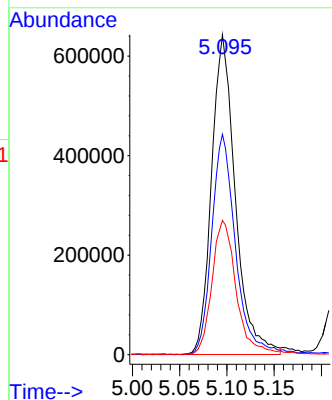
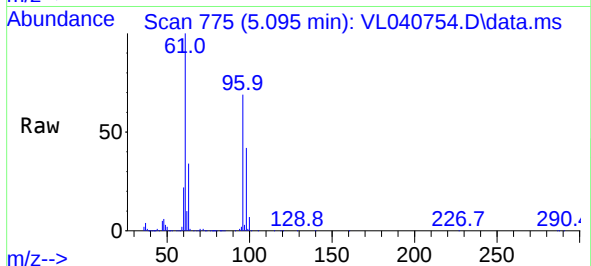




#31
cis-1,2-Dichloroethene
Concen: 9.723 ppbv
RT: 5.095 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

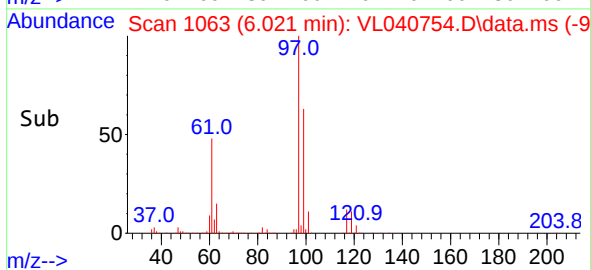
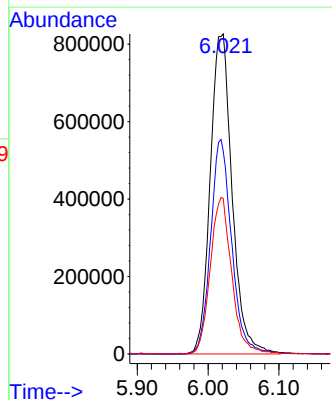
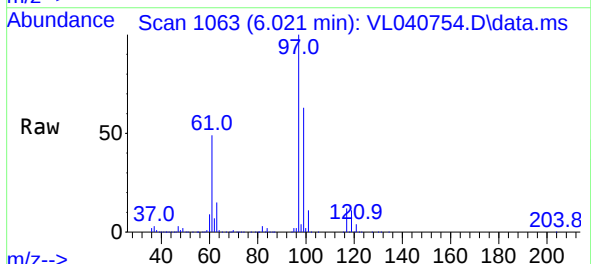
Instrument :
MSVOA_L
ClientSampleId :

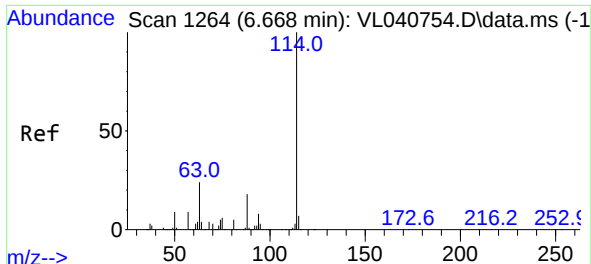
Tgt Ion: 61 Resp: 1122655
Ion Ratio Lower Upper
61 100
96 68.9 55.1 82.7
98 41.9 33.5 50.3



#32
1,1,1-Trichloroethane
Concen: 9.186 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 97 Resp: 1772450
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 48.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

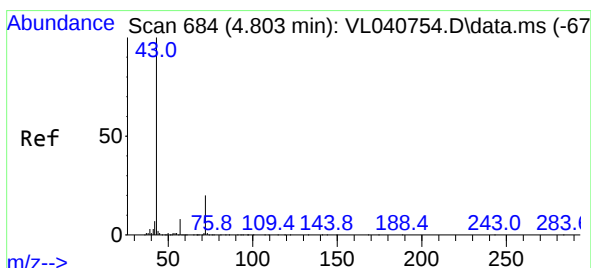
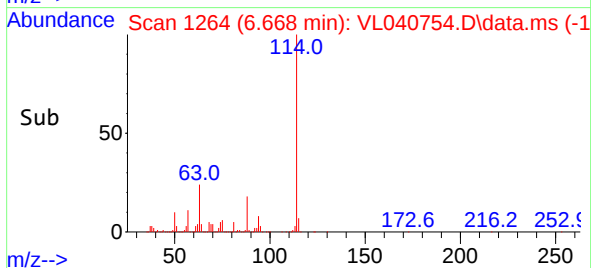
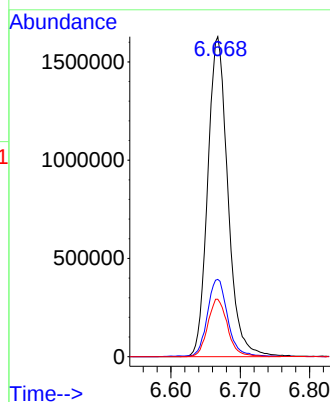
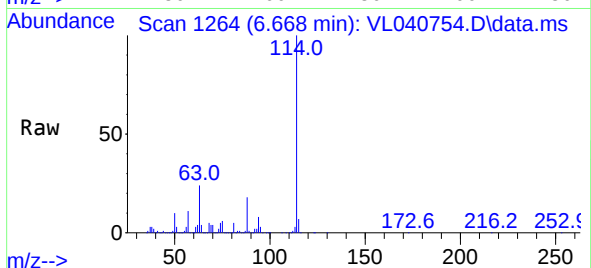
Tgt Ion:114 Resp: 3283429

Ion Ratio Lower Upper

114 100

63 24.8 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 8.578 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL040754.D

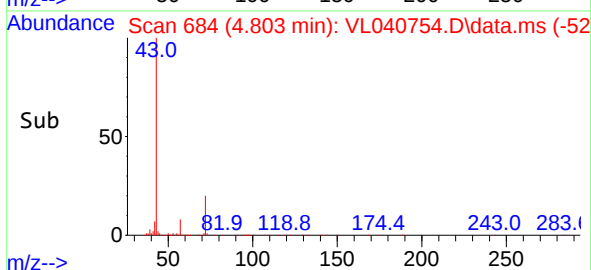
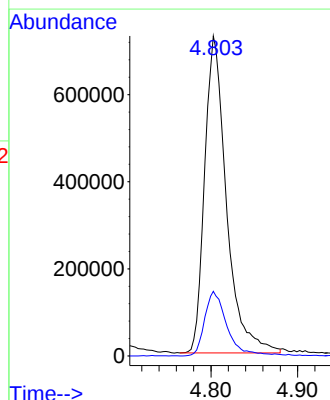
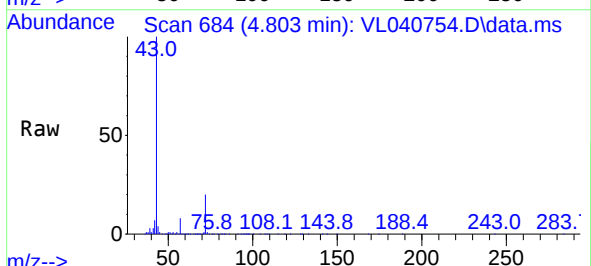
Acq: 11 Oct 2023 12:00

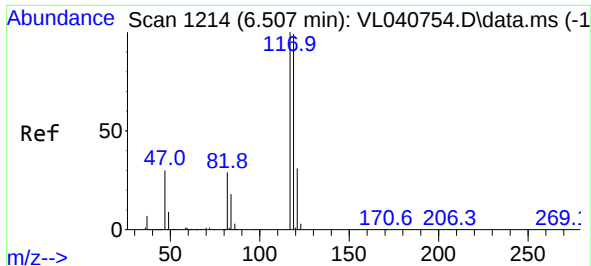
Tgt Ion: 43 Resp: 1274933

Ion Ratio Lower Upper

43 100

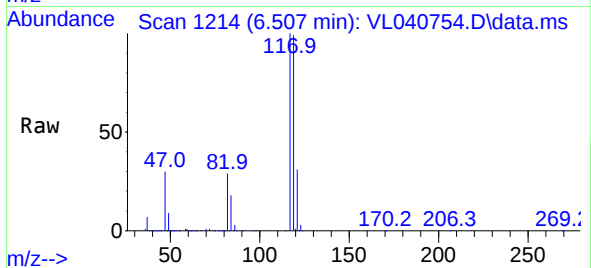
72 21.5 16.8 25.2



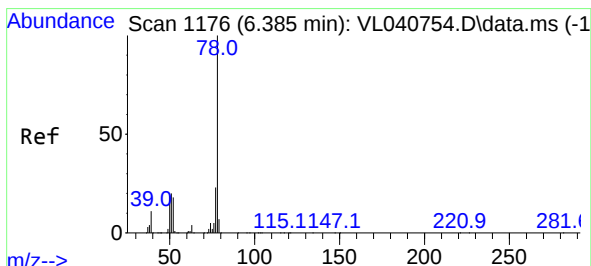
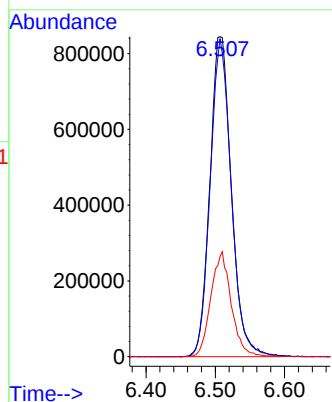
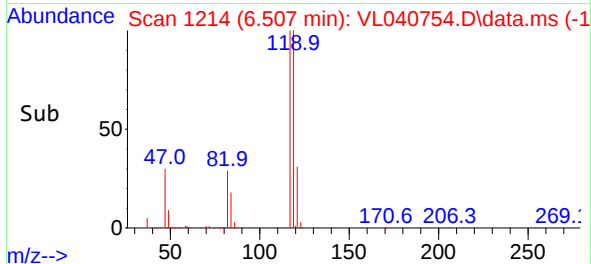


#35
Carbon Tetrachloride
Concen: 9.898 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :

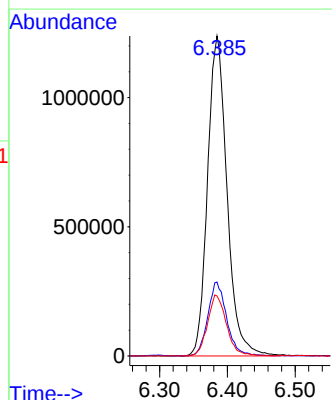
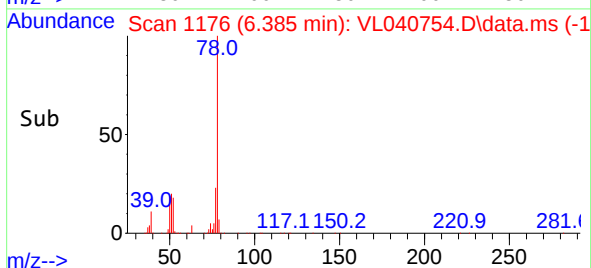
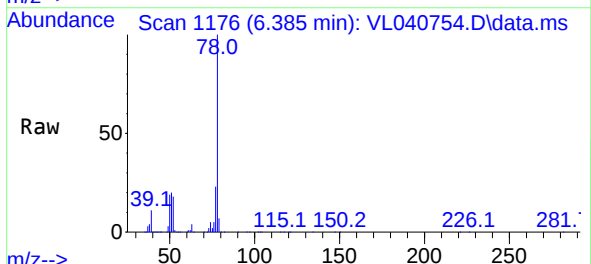


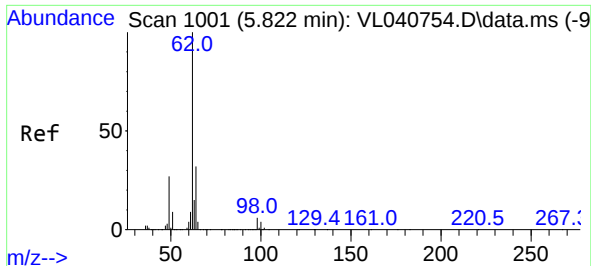
Tgt Ion:117 Resp: 1824145
Ion Ratio Lower Upper
117 100
119 99.2 79.4 119.0
121 31.2 25.0 37.4



#36
Benzene
Concen: 9.810 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 78 Resp: 2477672
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 18.7 15.0 22.4

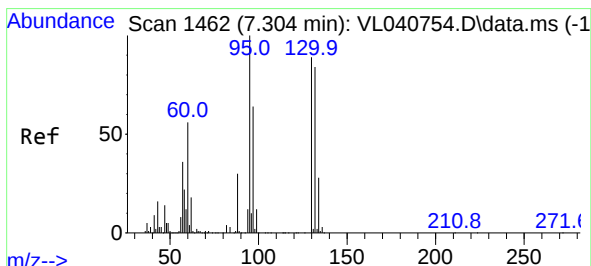
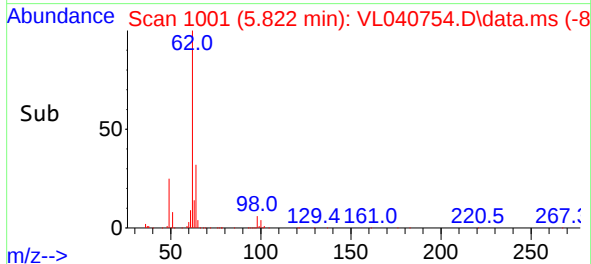
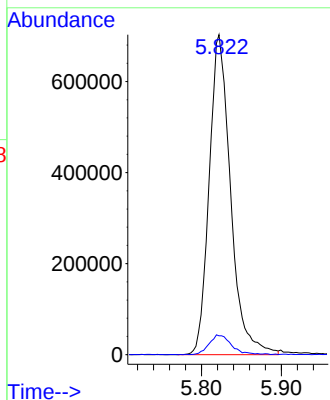
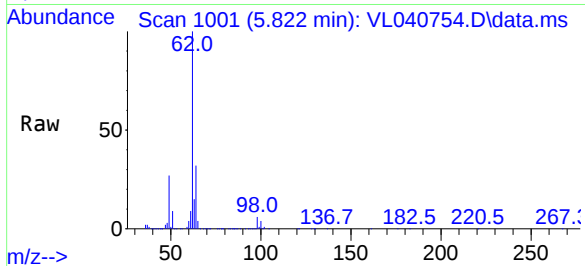




#37
1,2-Dichloroethane
Concen: 10.108 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

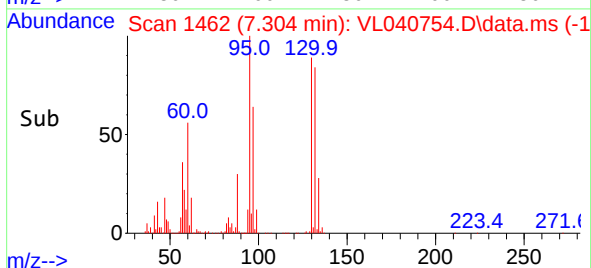
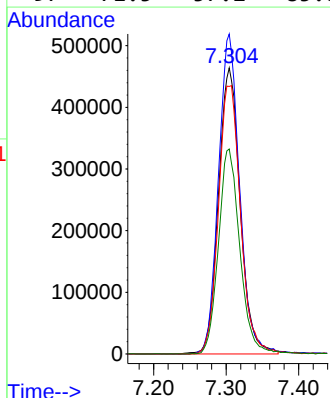
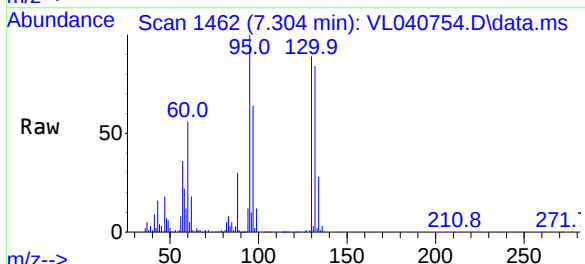
Instrument :
MSVOA_L
ClientSampleId :

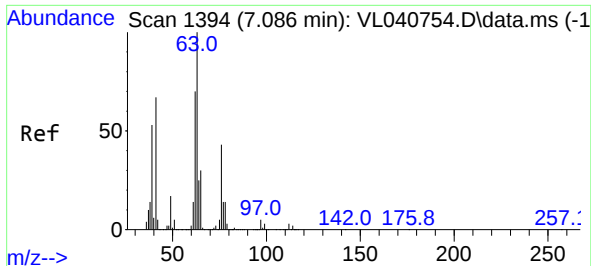
Tgt Ion: 62 Resp: 1307330
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.0



#38
Trichloroethene
Concen: 8.644 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:130 Resp: 966096
Ion Ratio Lower Upper
130 100
95 111.8 89.4 134.2
132 93.5 74.8 112.2
97 71.5 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.893 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

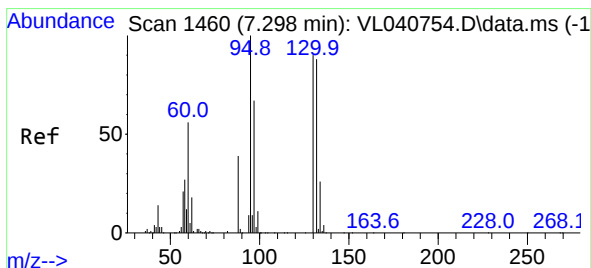
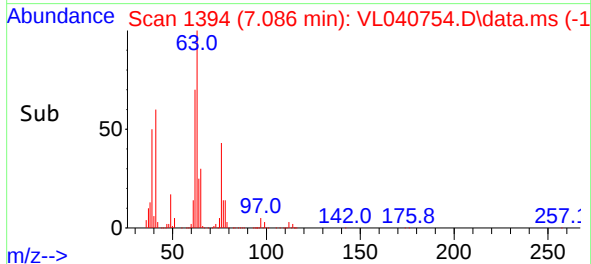
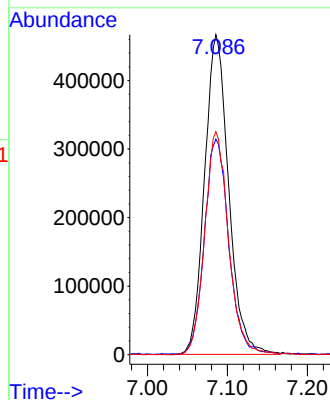
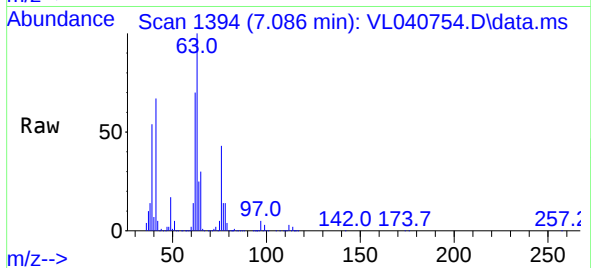
Tgt Ion: 63 Resp: 976107

Ion Ratio Lower Upper

63 100

41 67.1 53.7 80.5

62 69.6 55.7 83.5



#40

1,4-Dioxane

Concen: 10.051 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Tgt Ion: 88 Resp: 375291

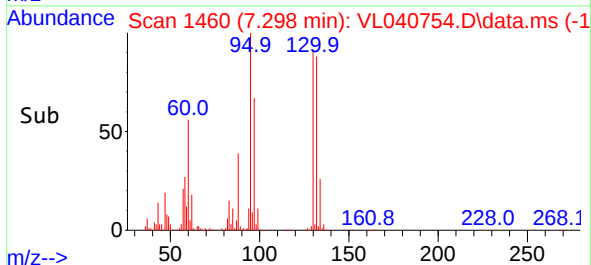
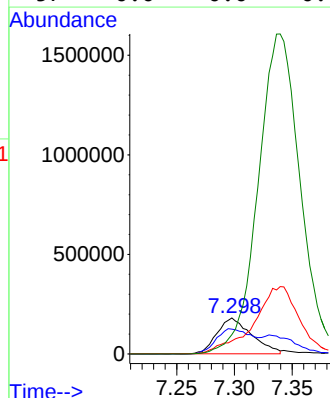
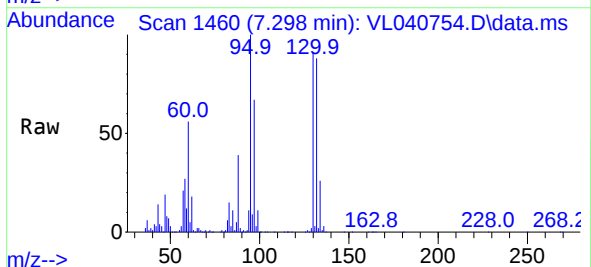
Ion Ratio Lower Upper

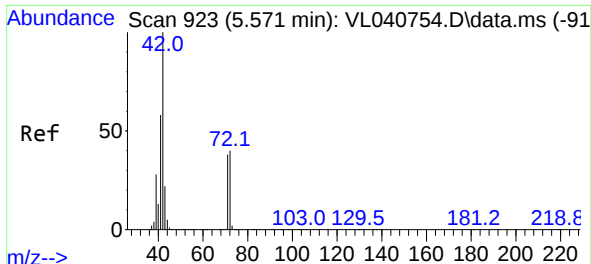
88 100

58 124.6 100.0 150.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

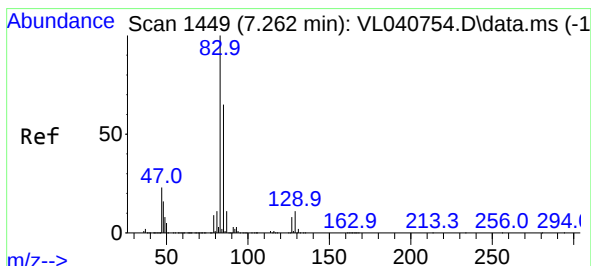
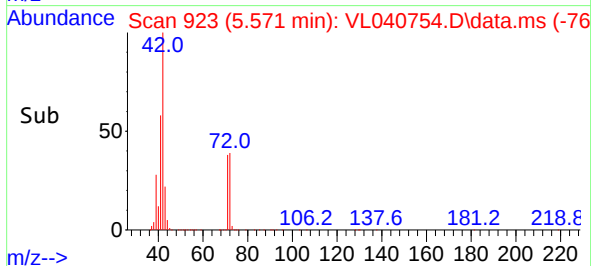
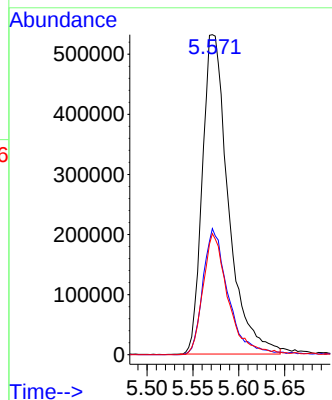
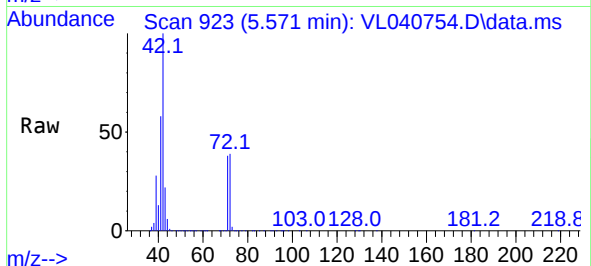




#41
Tetrahydrofuran
Concen: 10.211 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

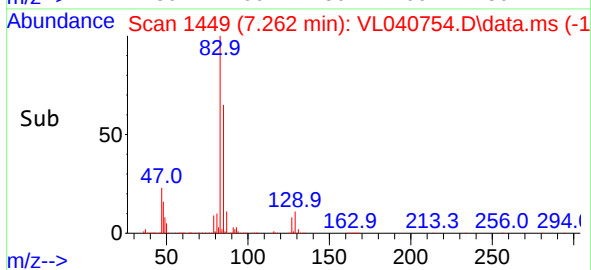
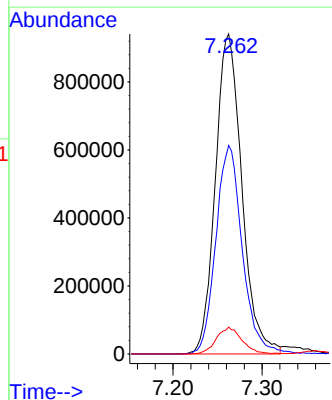
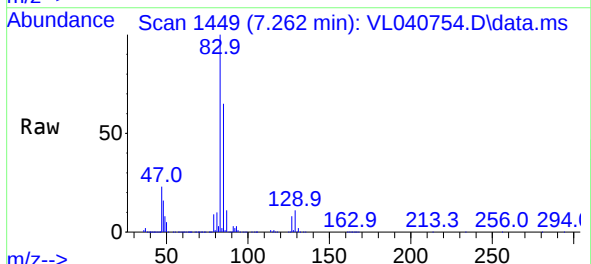
Instrument :
MSVOA_L
ClientSampleId :

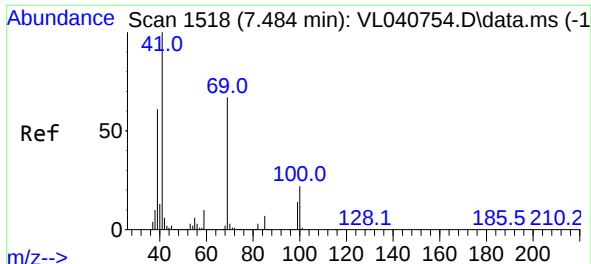
Tgt Ion: 42 Resp: 1050889
Ion Ratio Lower Upper
42 100
72 38.8 31.1 46.7
71 37.1 29.7 44.5



#42
Bromodichloromethane
Concen: 10.036 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 83 Resp: 1944437
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.4 6.7 10.1





#43

Methyl Methacrylate

Concen: 10.162 ppbv

RT: 7.484 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :

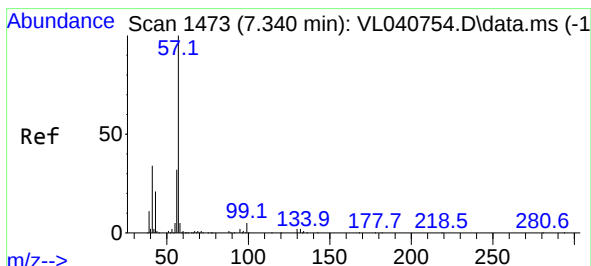
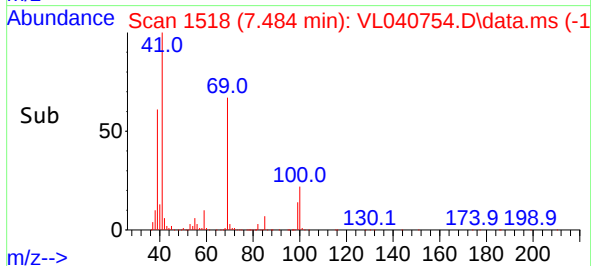
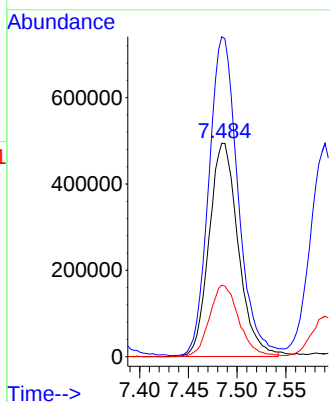
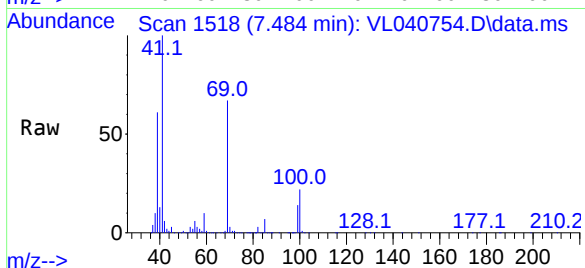
Tgt Ion: 69 Resp: 1027322

Ion Ratio Lower Upper

69 100

41 150.1 120.6 181.0

100 34.0 27.1 40.7



#44

2,2,4-Trimethylpentane

Concen: 9.584 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

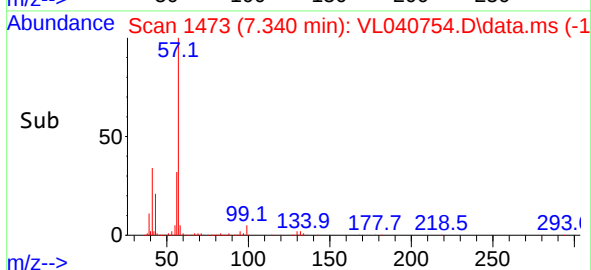
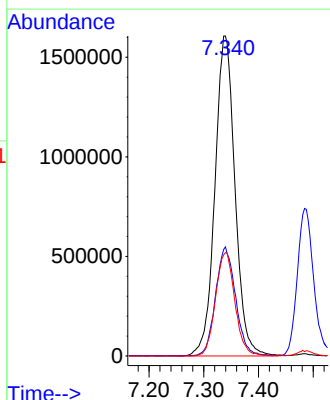
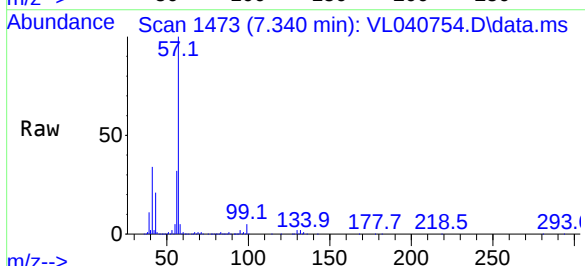
Tgt Ion: 57 Resp: 4093080

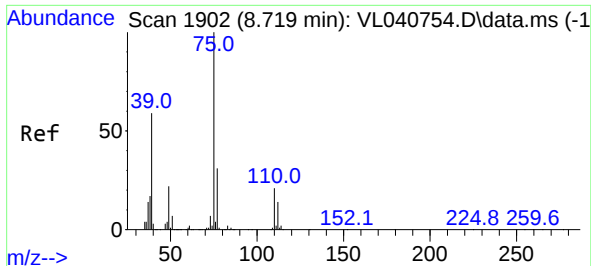
Ion Ratio Lower Upper

57 100

41 34.0 27.4 41.0

56 31.3 25.0 37.6

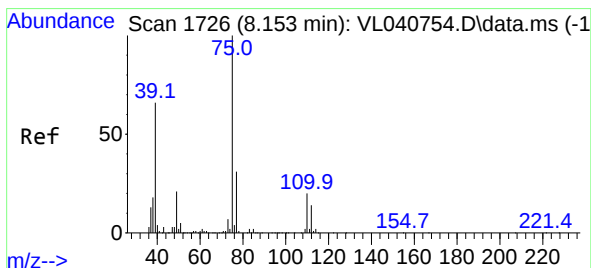
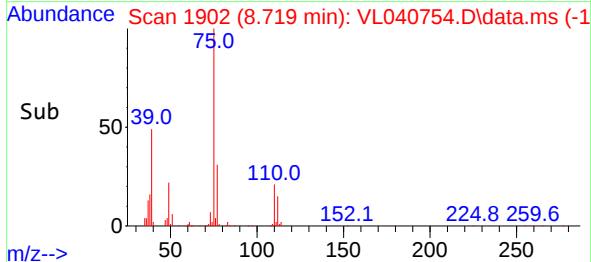
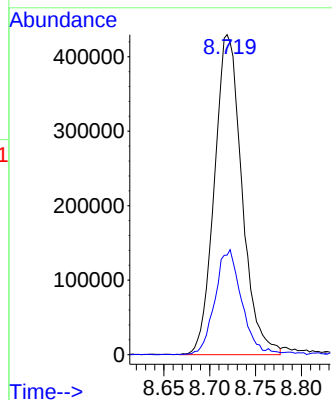
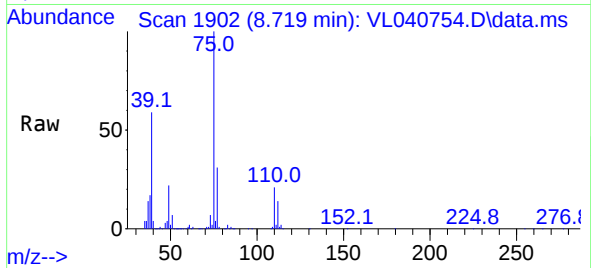




#45
 t-1,3-Dichloropropene
 Concen: 11.135 ppbv
 RT: 8.719 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

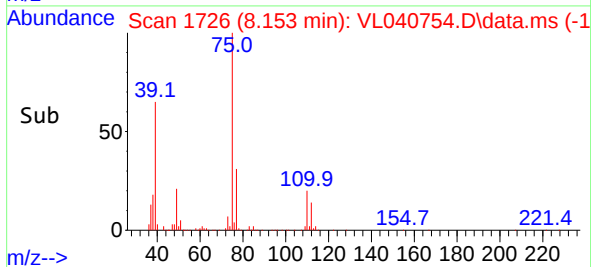
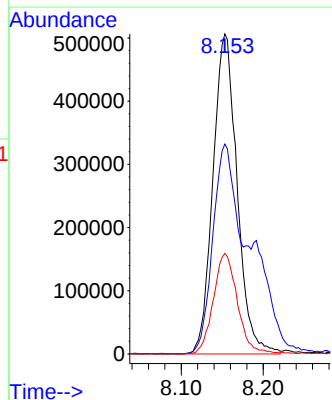
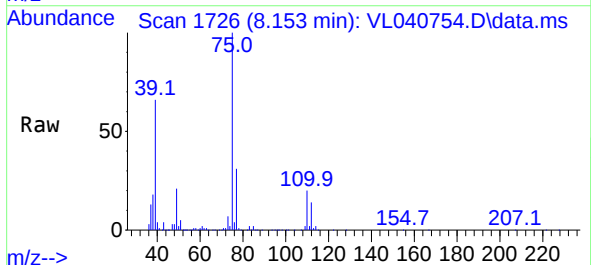
Instrument :
 MSVOA_L
 ClientSampleId :

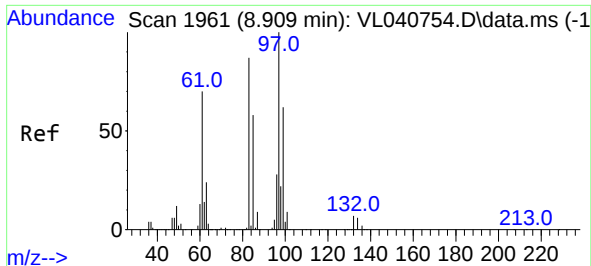
Tgt Ion: 75 Resp: 897644
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 10.516 ppbv
 RT: 8.153 min Scan# 1726
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Tgt Ion: 75 Resp: 1035668
 Ion Ratio Lower Upper
 75 100
 39 65.5 52.4 78.6
 77 31.4 25.1 37.7



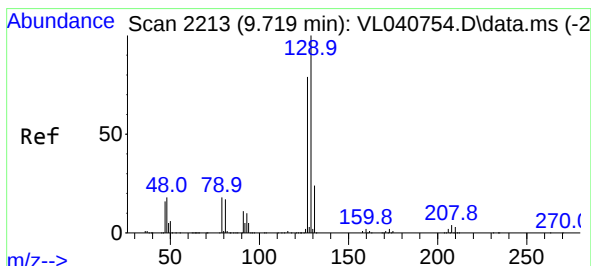
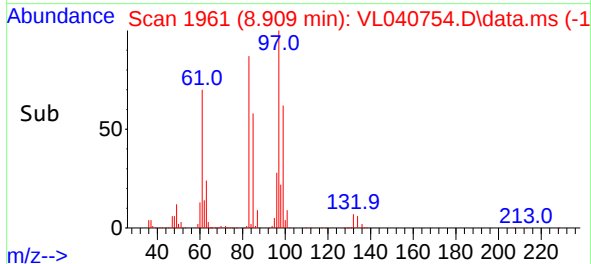
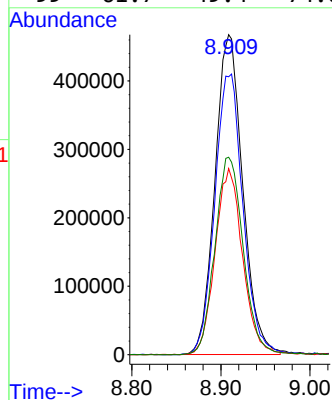
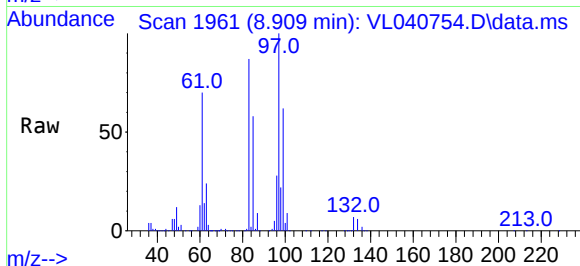


#47
1,1,2-Trichloroethane
Concen: 9.763 ppbv
RT: 8.909 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1011919

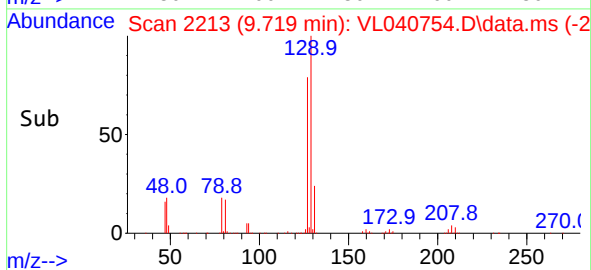
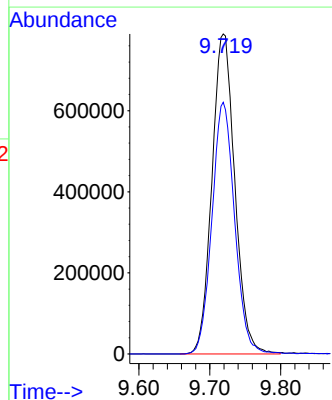
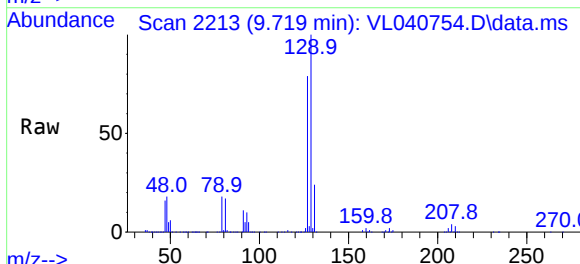
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	58.2	46.6	69.8
99	61.7	49.4	74.0

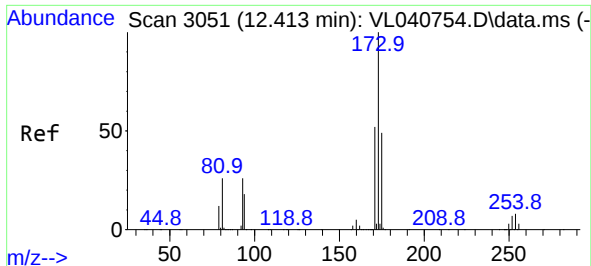


#48
Dibromochloromethane
Concen: 10.192 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 129 Resp: 1770212

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.3

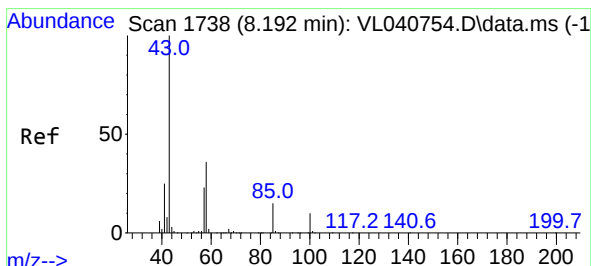
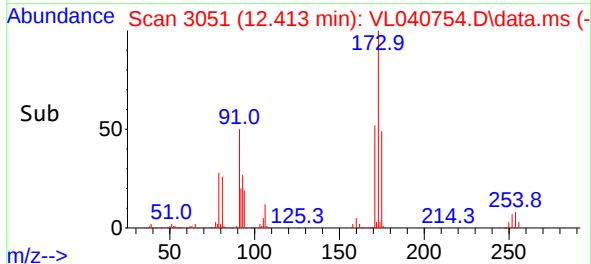
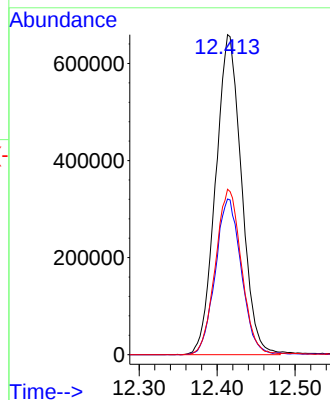
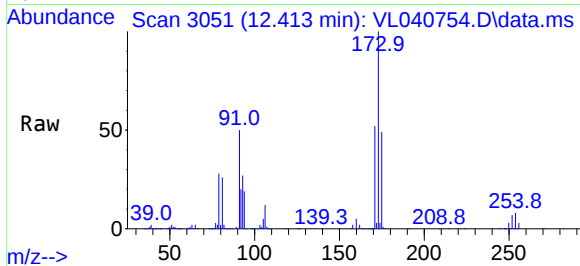




#49
Bromoform
Concen: 10.760 ppbv
RT: 12.413 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

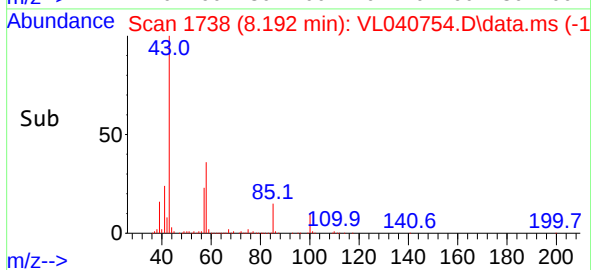
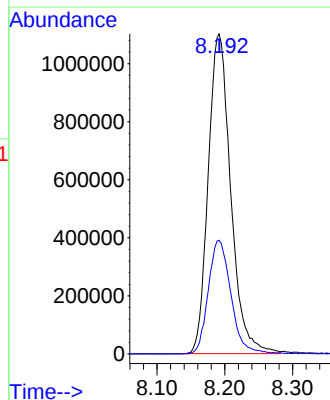
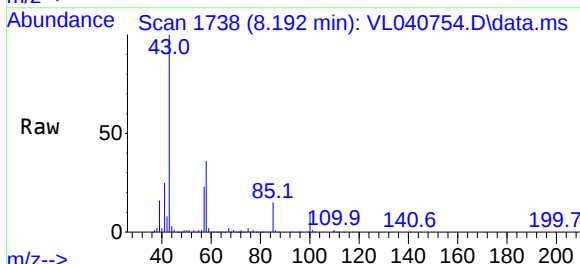
Instrument :
MSVOA_L
ClientSampleId :

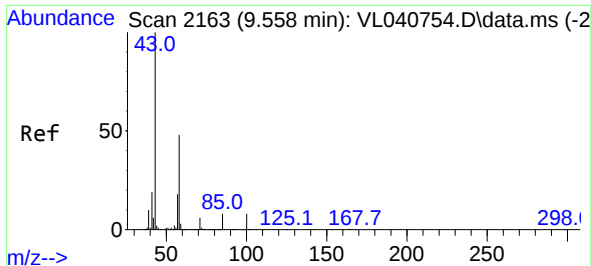
Tgt Ion:173 Resp: 1519191
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
171 52.5 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 10.002 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 43 Resp: 2543008
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2

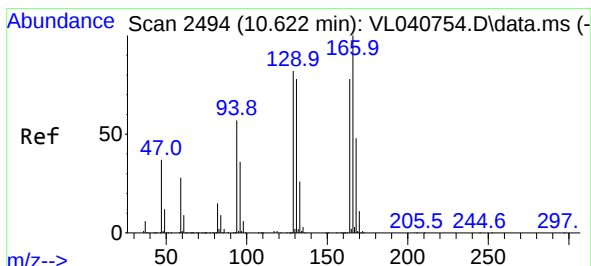
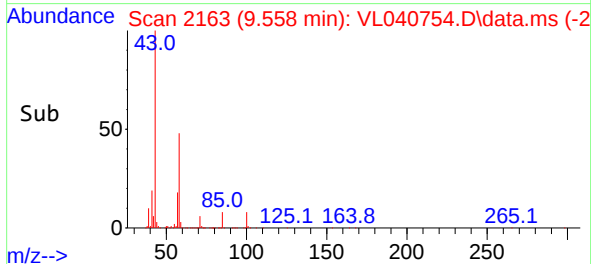
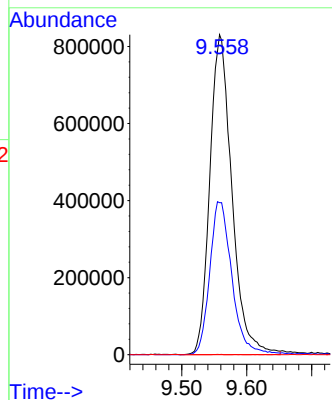
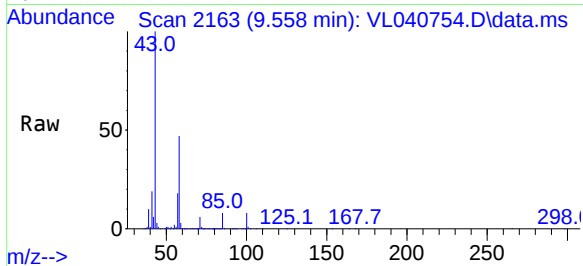




#51
2-Hexanone
Concen: 10.130 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

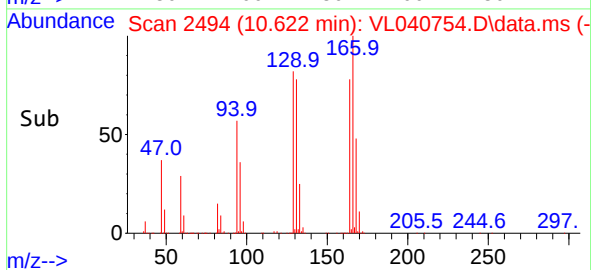
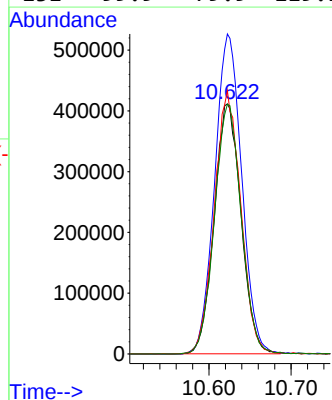
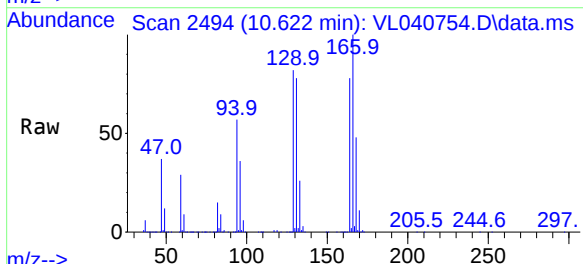
Instrument :
MSVOA_L
ClientSampleId :

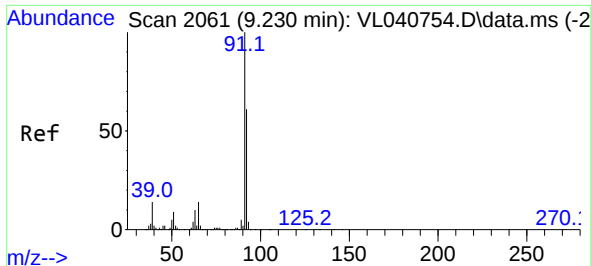
Tgt Ion: 43 Resp: 1960185
Ion Ratio Lower Upper
43 100
58 48.3 38.6 58.0
98 0.0 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.108 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:164 Resp: 934367
Ion Ratio Lower Upper
164 100
166 128.0 102.4 153.6
129 105.3 84.2 126.4
131 99.9 79.9 119.9

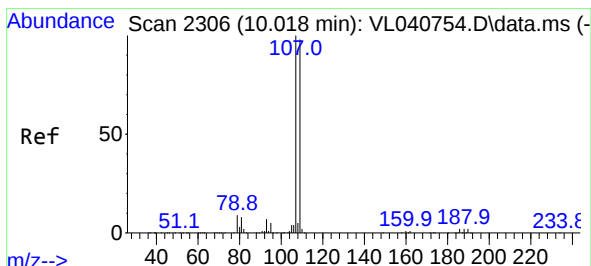
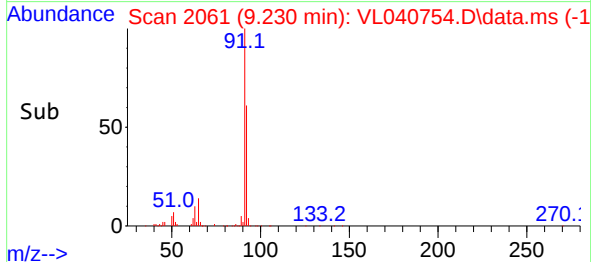
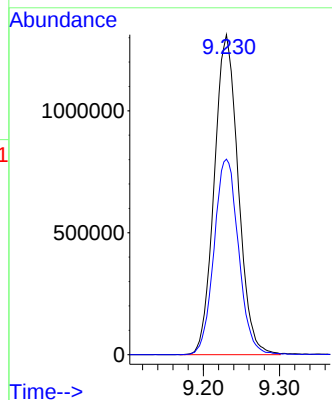
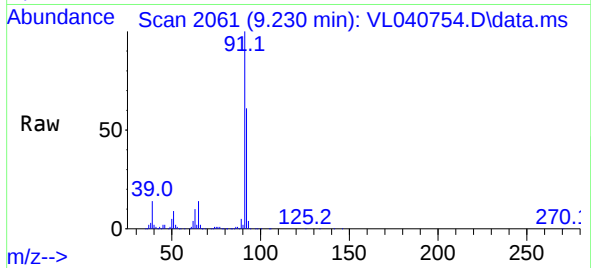




#53
Toluene
Concen: 9.551 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

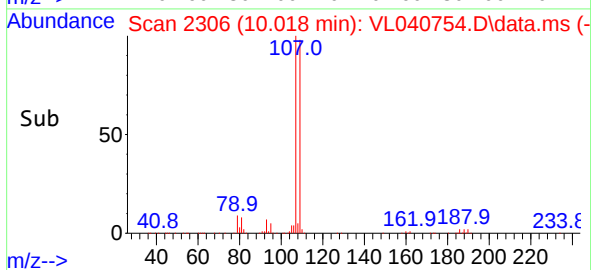
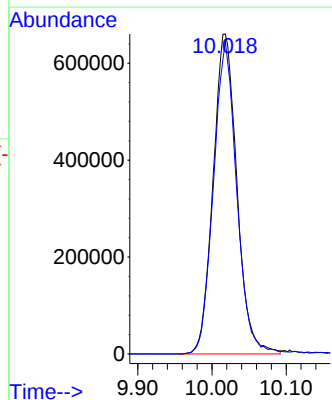
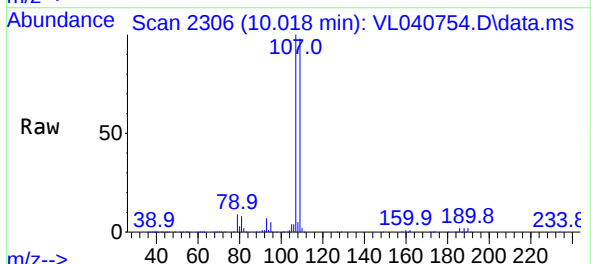
Instrument :
MSVOA_L
ClientSampleId :

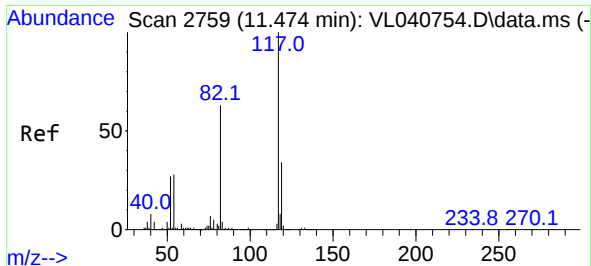
Tgt Ion: 91 Resp: 2870594
Ion Ratio Lower Upper
91 100
92 62.7 50.2 75.2



#54
1,2-Dibromoethane
Concen: 10.125 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 107 Resp: 1471159
Ion Ratio Lower Upper
107 100
109 97.7 78.2 117.2

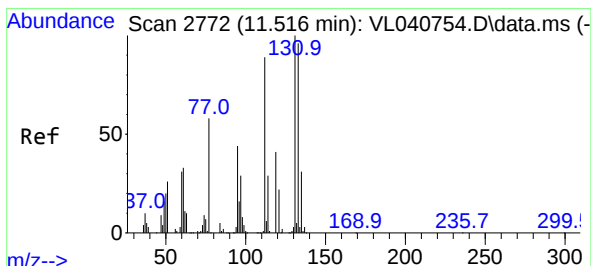
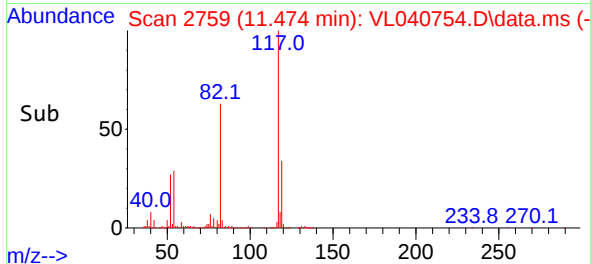
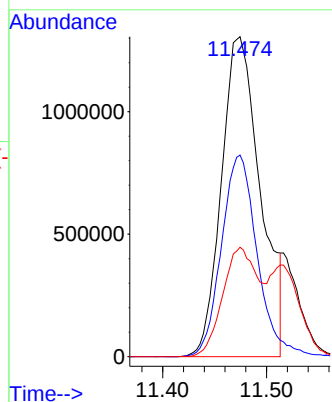
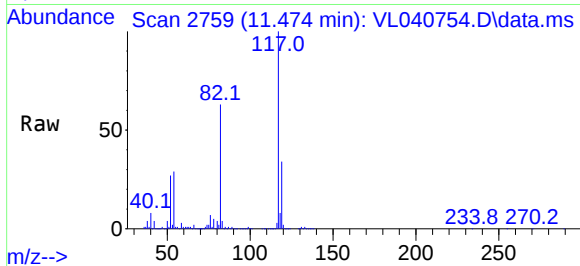




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

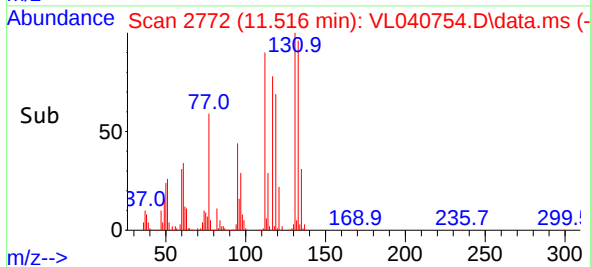
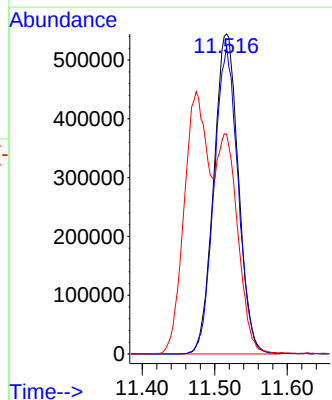
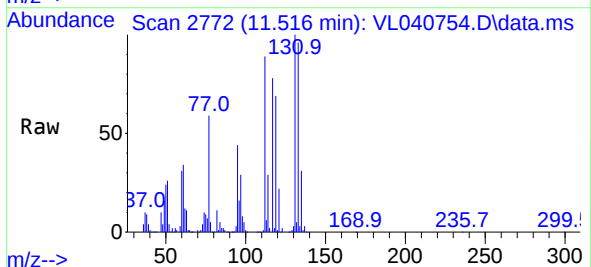
Instrument :
MSVOA_L
ClientSampleId :

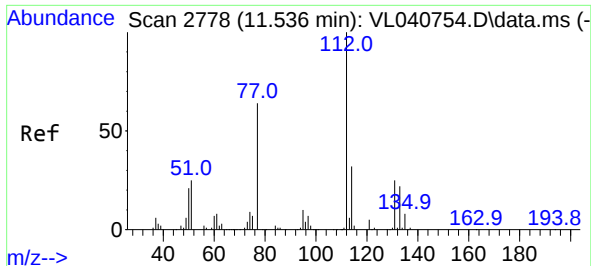
Tgt Ion:117 Resp: 3402040
Ion Ratio Lower Upper
117 100
82 58.4 46.6 70.0
119 29.1 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 9.246 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

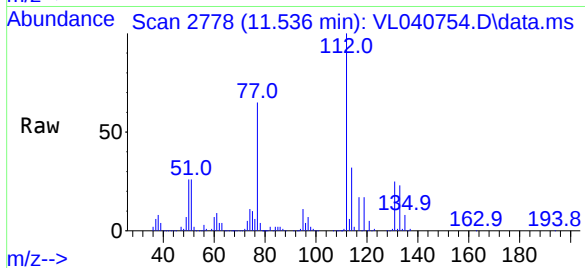
Tgt Ion:131 Resp: 1283736
Ion Ratio Lower Upper
131 100
133 93.8 75.0 112.6
119 61.1 45.4 68.0





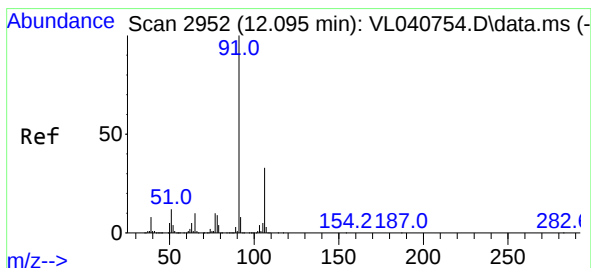
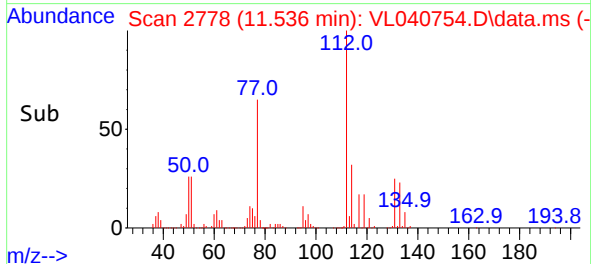
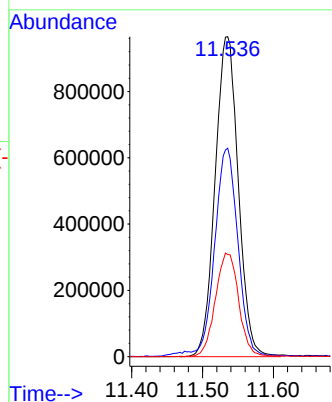
#57
Chlorobenzene
Concen: 9.000 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:112 Resp: 2193922

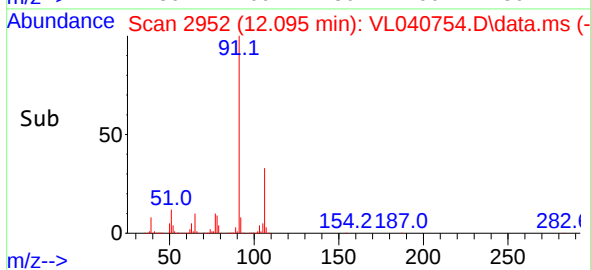
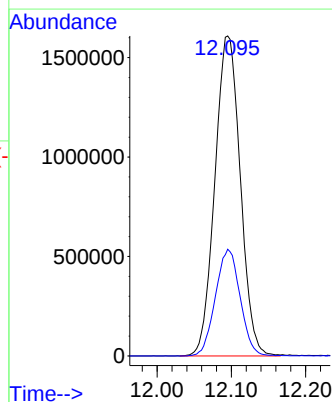
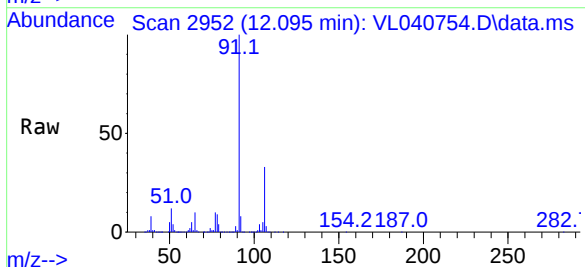
Ion	Ratio	Lower	Upper
112	100		
77	64.9	51.9	77.9
114	31.8	28.6	35.0

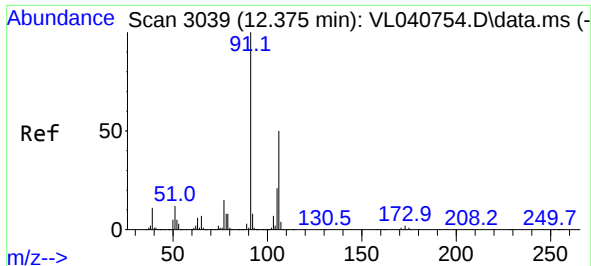


#58
Ethyl Benzene
Concen: 8.931 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 91 Resp: 3825424

Ion	Ratio	Lower	Upper
91	100		
106	33.4	26.7	40.1





#59

m/p-Xylene

Concen: 7.676 ppbv

RT: 12.375 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

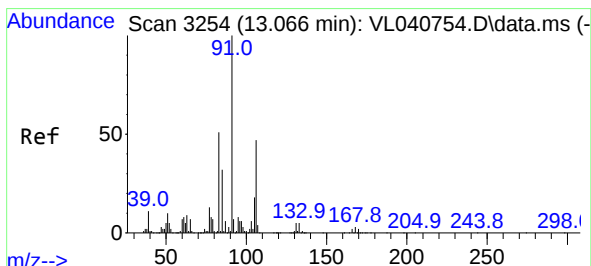
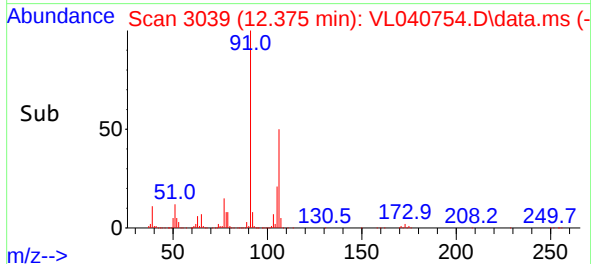
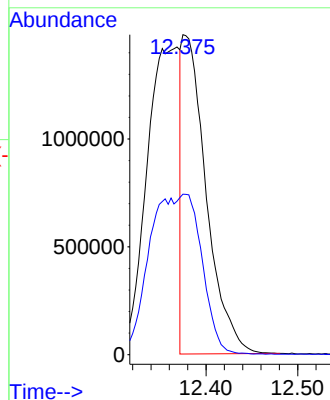
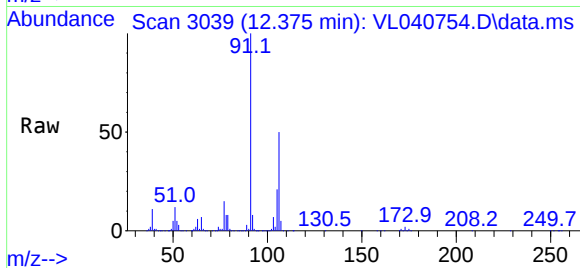
ClientSampleId :

Tgt Ion: 91 Resp: 2706082

Ion Ratio Lower Upper

91 100

106 109.4 37.7 56.5#



#60

o-Xylene

Concen: 8.904 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040754.D

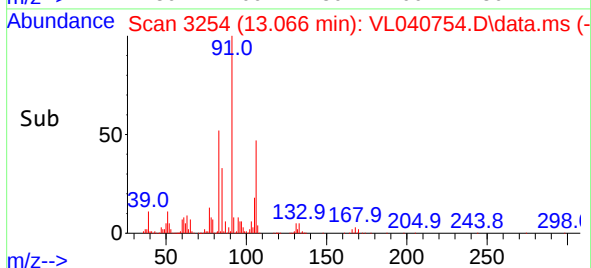
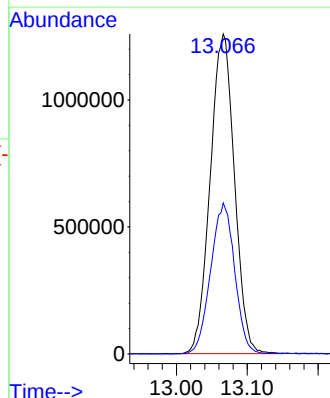
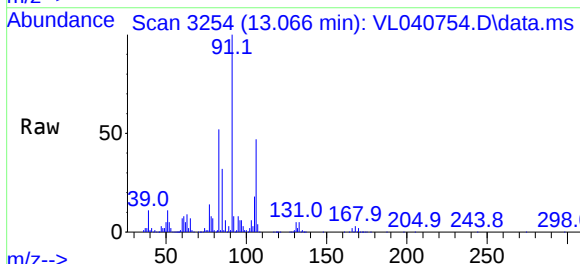
Acq: 11 Oct 2023 12:00

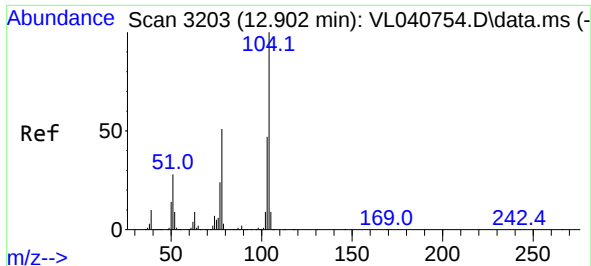
Tgt Ion: 91 Resp: 2990832

Ion Ratio Lower Upper

91 100

106 47.0 23.5 70.5

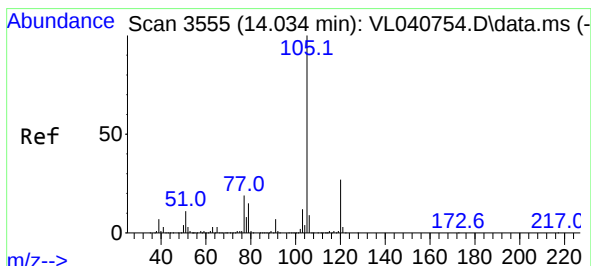
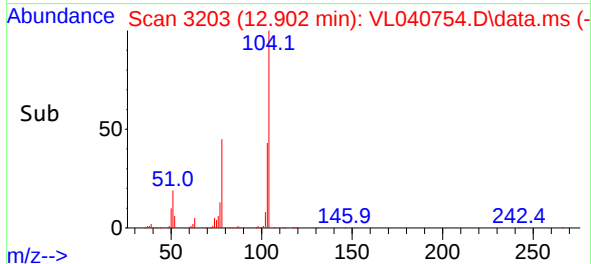
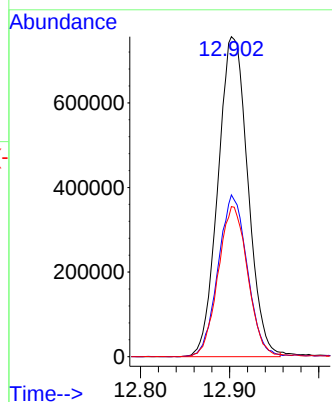
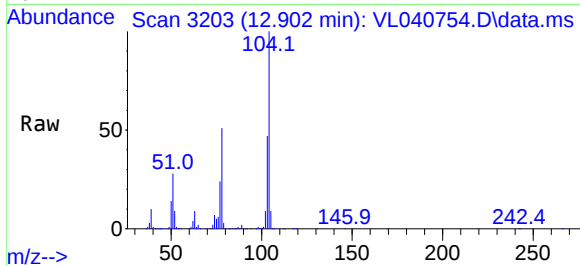




#61
Styrene
Concen: 9.461 ppbv
RT: 12.902 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

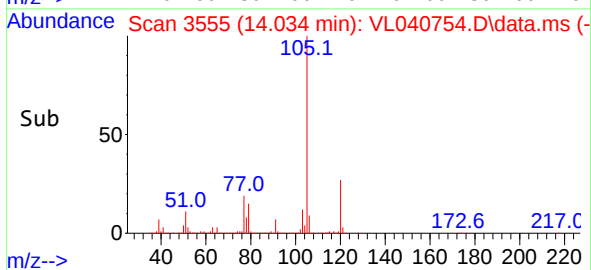
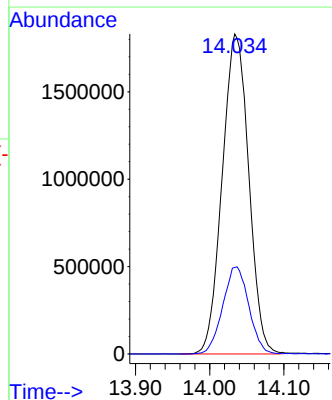
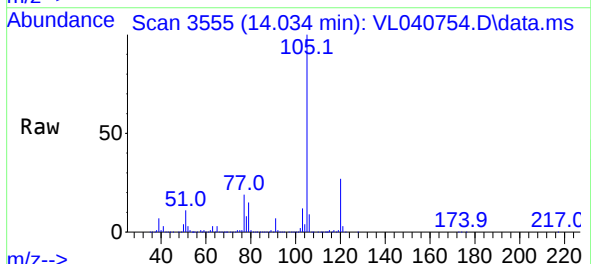
Instrument :
MSVOA_L
ClientSampleId :

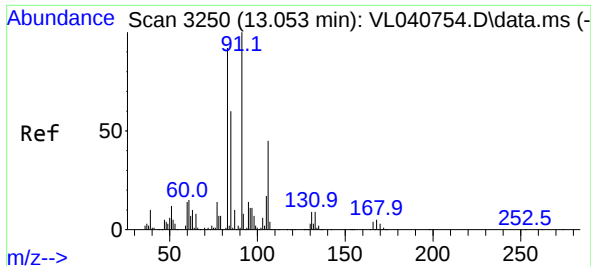
Tgt Ion:104 Resp: 1760772
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 46.9 37.5 56.3



#62
Isopropylbenzene
Concen: 8.791 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:105 Resp: 4542941
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3

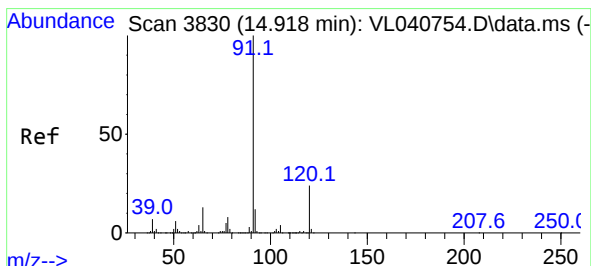
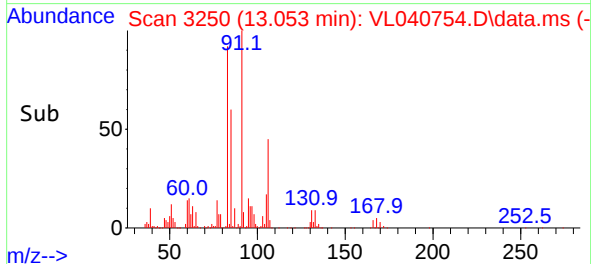
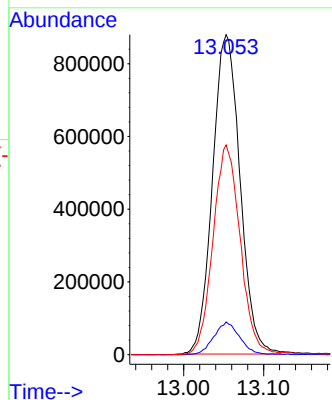
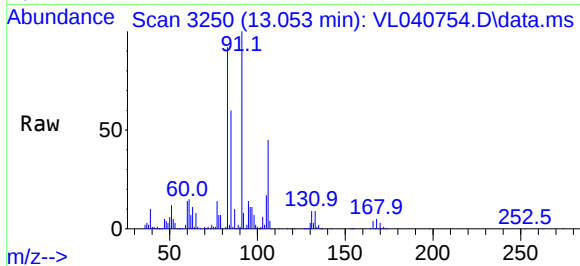




#63
1,1,2,2-Tetrachloroethane
Concen: 8.322 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

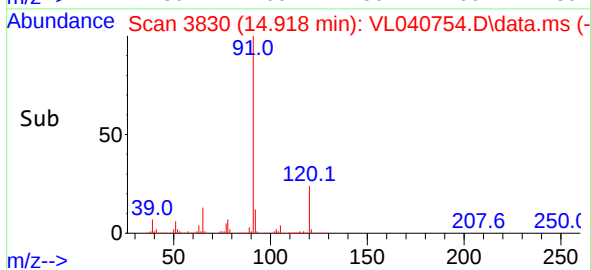
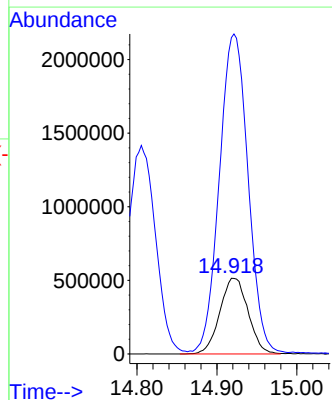
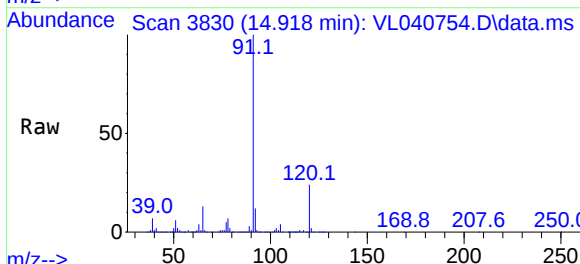
Instrument :
MSVOA_L
ClientSampleId :

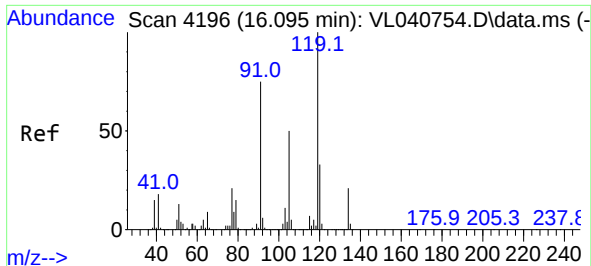
Tgt Ion: 83 Resp: 2095905
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.6 32.9 98.7



#64
n-propylbenzene
Concen: 9.080 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 120 Resp: 1260564
Ion Ratio Lower Upper
120 100
91 431.9 345.9 518.9

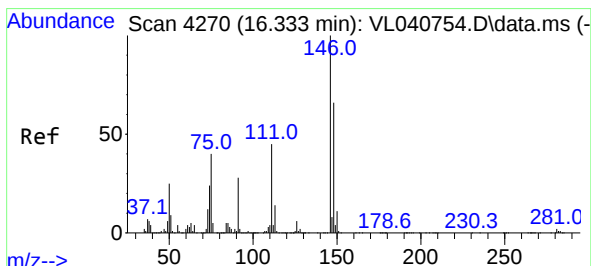
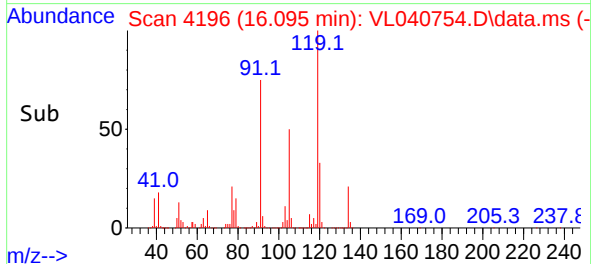
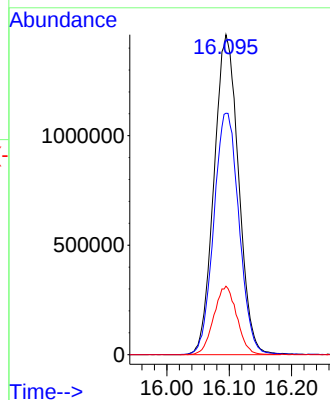
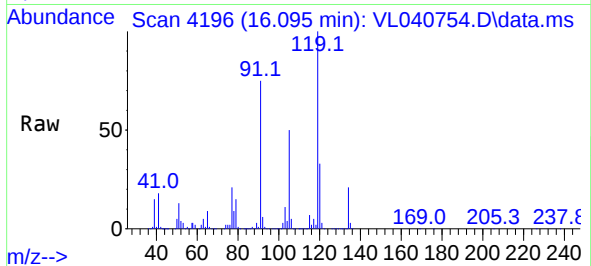




#65
tert-Butylbenzene
Concen: 8.563 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

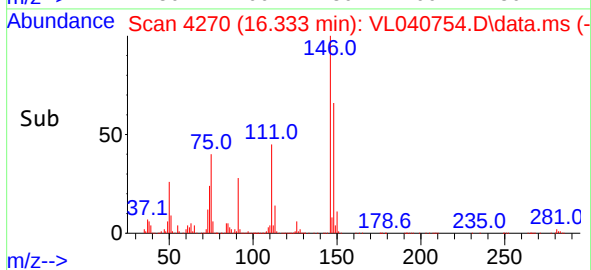
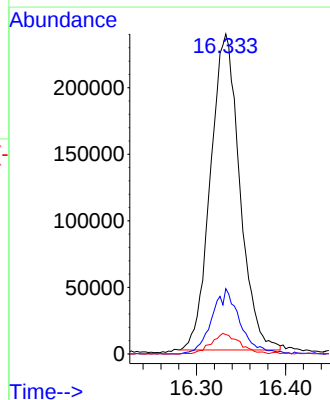
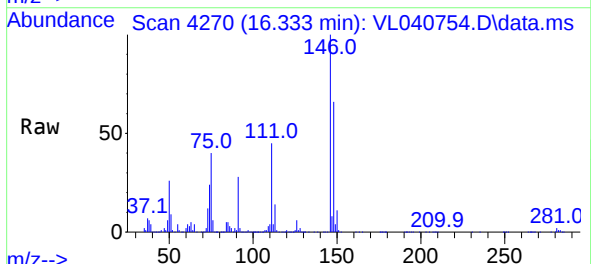
Instrument :
MSVOA_L
ClientSampleId :

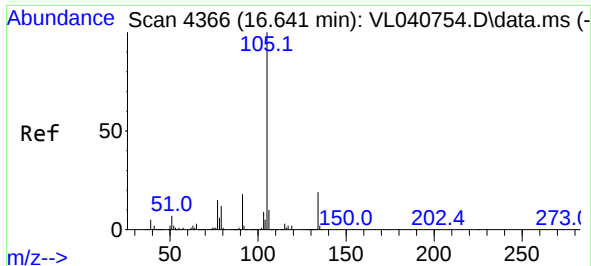
Tgt Ion:119 Resp: 3991153
Ion Ratio Lower Upper
119 100
91 77.7 62.2 93.2
134 20.1 16.1 24.1



#66
Benzyl Chloride
Concen: 11.538 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 91 Resp: 541818
Ion Ratio Lower Upper
91 100
126 20.1 16.1 24.1
128 6.5 5.2 7.8

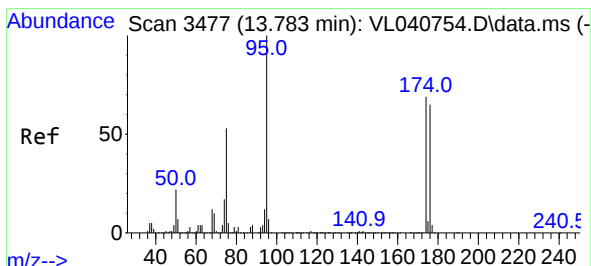
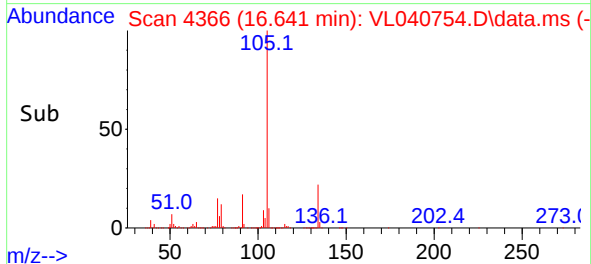
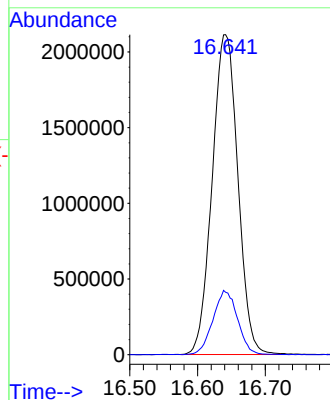
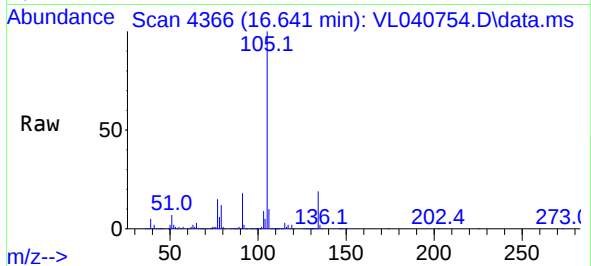




#67
 sec-Butylbenzene
 Concen: 8.718 ppbv
 RT: 16.641 min Scan# 4366
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

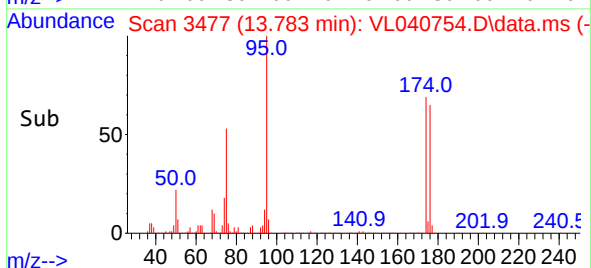
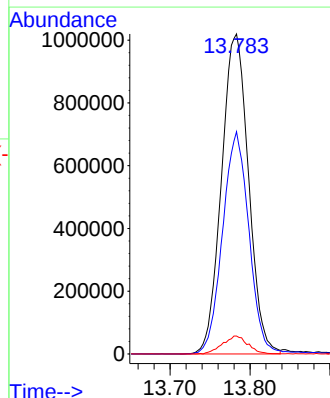
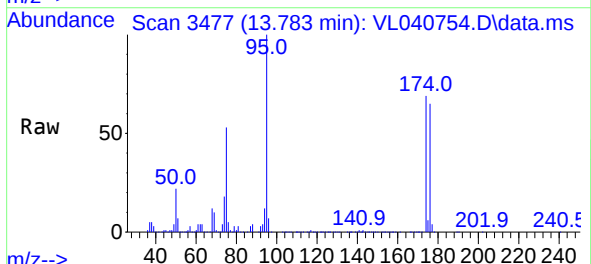
Instrument :
 MSVOA_L
 ClientSampleId :

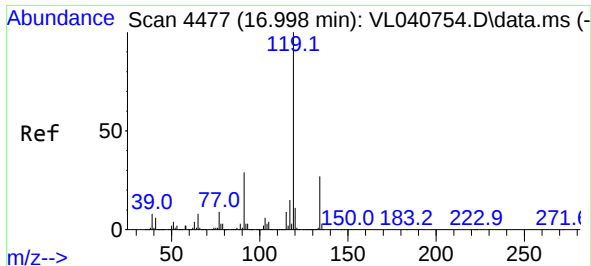
Tgt Ion:105 Resp: 5563487
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.577 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040754.D
 Acq: 11 Oct 2023 12:00

Tgt Ion: 95 Resp: 2397360
 Ion Ratio Lower Upper
 95 100
 174 68.4 54.7 82.1
 175 5.3 4.2 6.4

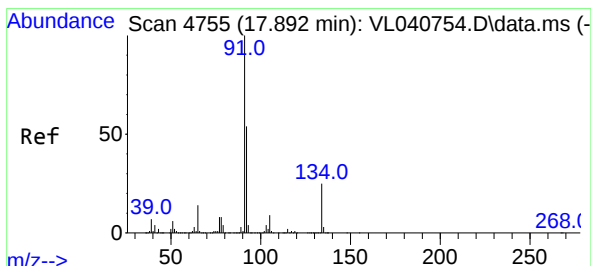
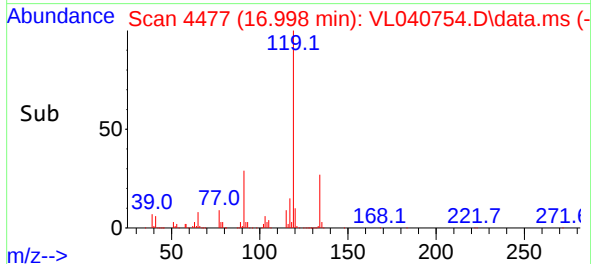
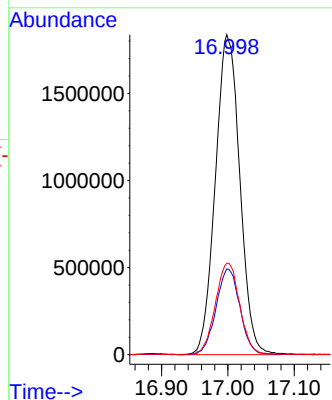
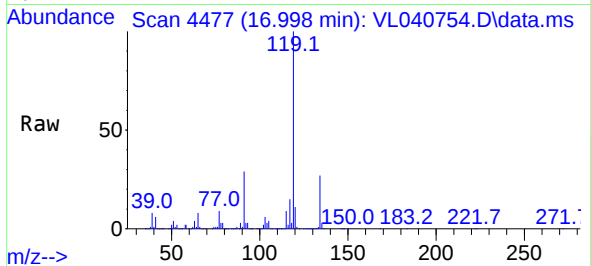




#69
p-Isopropyltoluene
Concen: 8.787 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

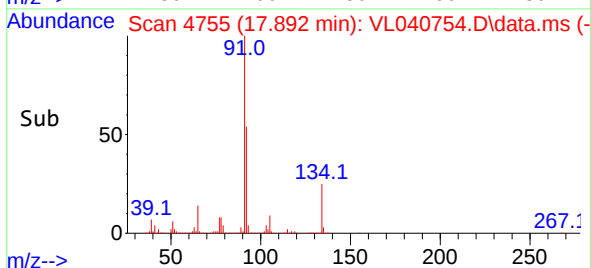
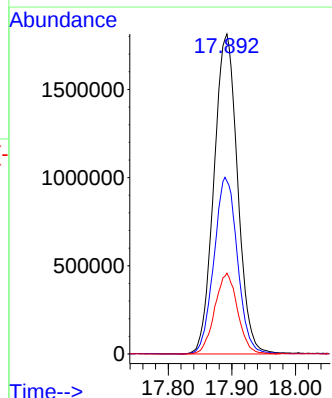
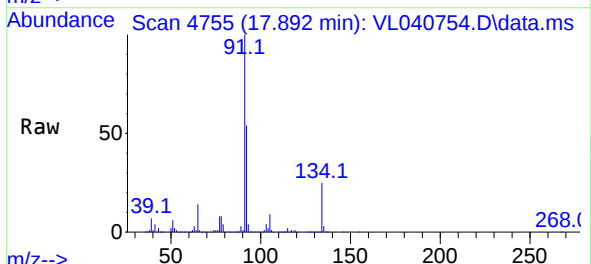
Instrument :
MSVOA_L
ClientSampleId :

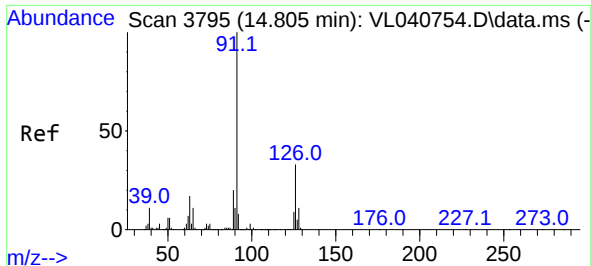
Tgt Ion:119 Resp: 4698641
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 28.5 22.8 34.2



#70
n-Butylbenzene
Concen: 8.893 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion: 91 Resp: 4669495
Ion Ratio Lower Upper
91 100
92 55.1 44.1 66.1
134 24.4 19.5 29.3

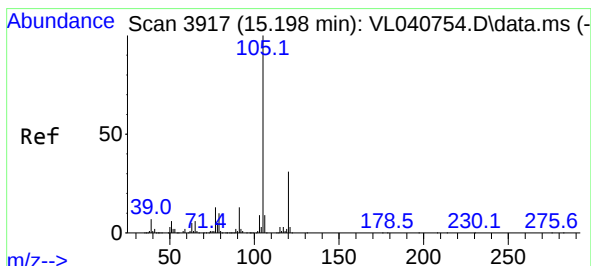
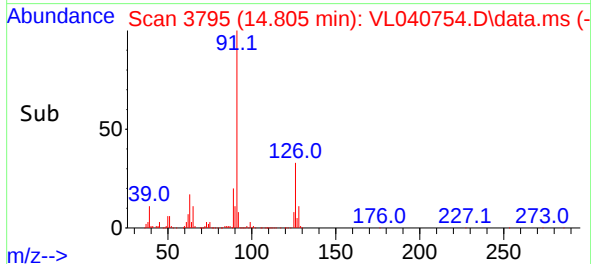
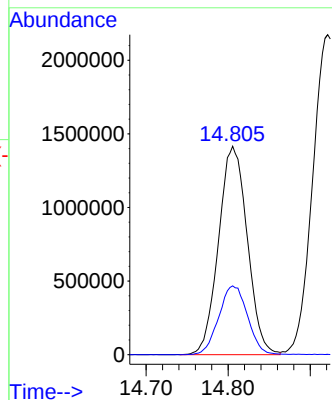
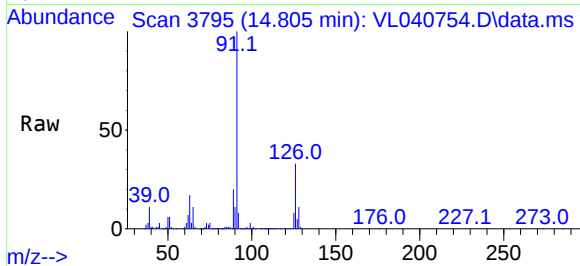




#71
2-Chlorotoluene
Concen: 8.868 ppbv
RT: 14.805 min Scan# 3795
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

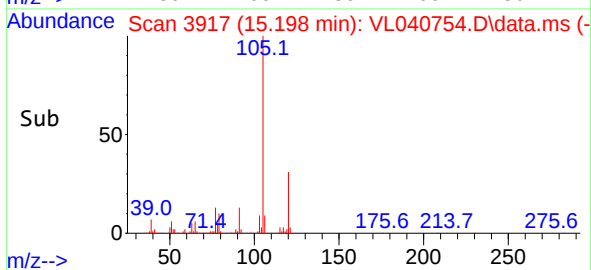
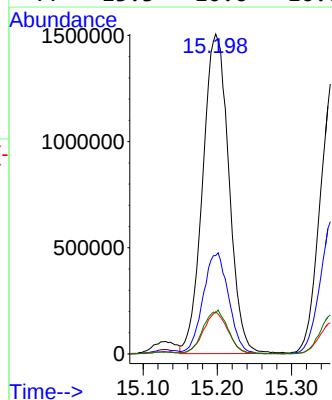
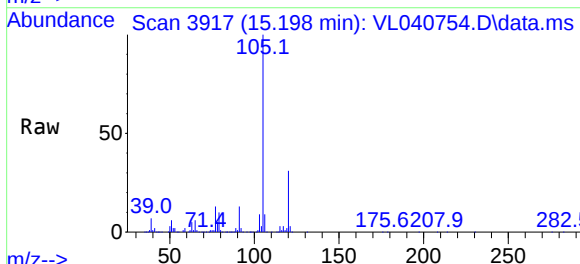
Instrument :
MSVOA_L
ClientSampleId :

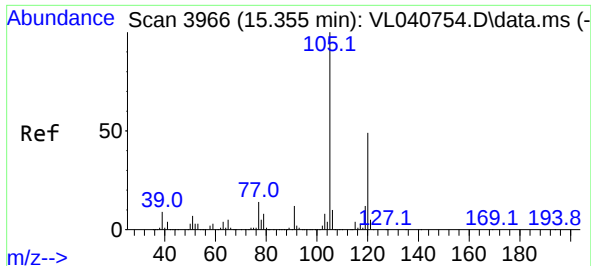
Tgt Ion: 91 Resp: 3442542
Ion Ratio Lower Upper
91 100
126 33.2 13.3 53.1



#72
4-Ethyltoluene
Concen: 9.353 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:105 Resp: 3679222
Ion Ratio Lower Upper
105 100
120 31.2 25.0 37.4
91 12.3 9.8 14.8
77 13.3 10.6 16.0

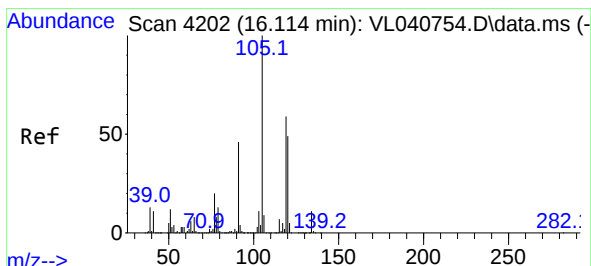
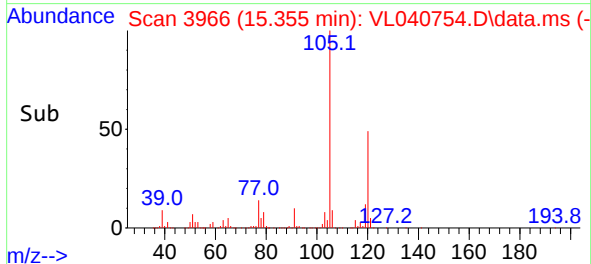
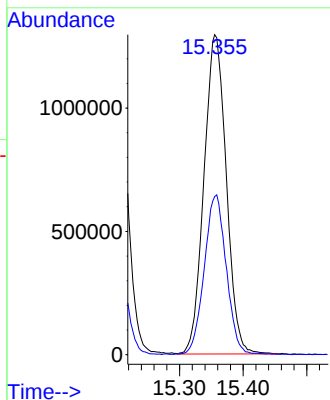
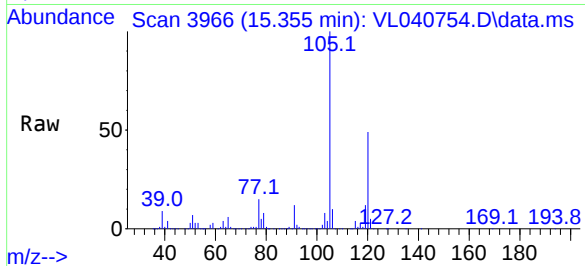




#73
1,3,5-Trimethylbenzene
Concen: 9.114 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

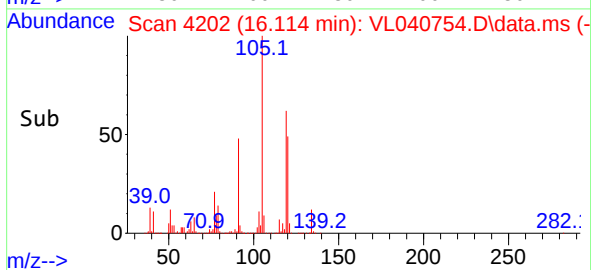
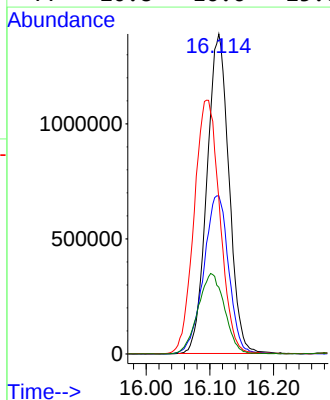
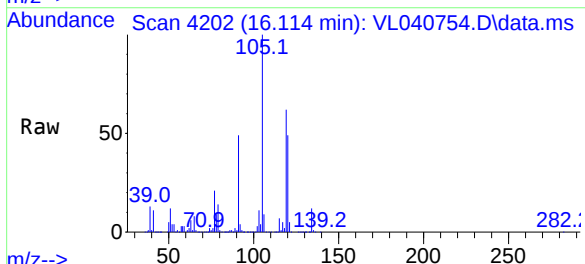
Instrument :
MSVOA_L
ClientSampleId :

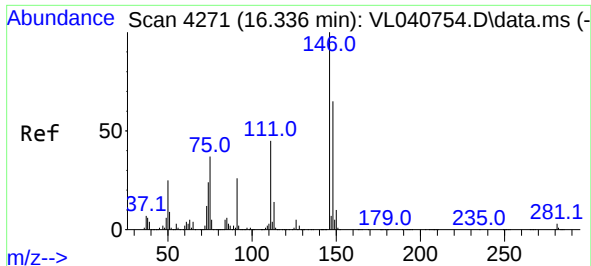
Tgt Ion:105 Resp: 3156602
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 8.843 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:105 Resp: 3346057
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2
91 48.3 38.6 58.0
77 20.8 16.6 25.0

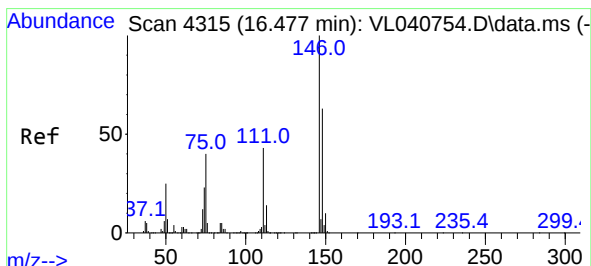
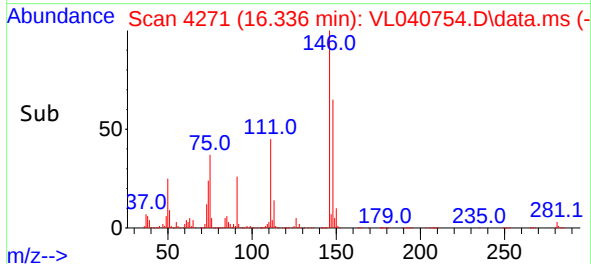
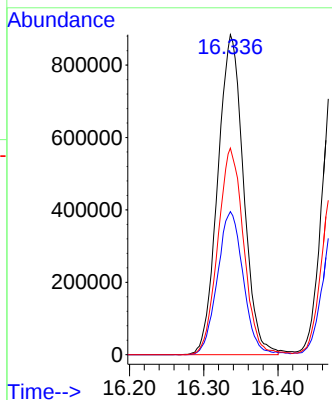
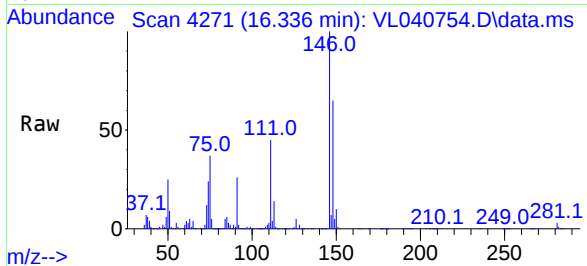




#75
1,3-Dichlorobenzene
Concen: 9.050 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

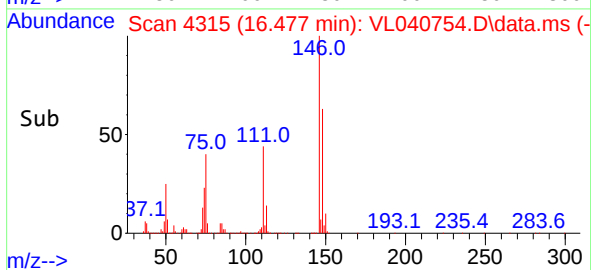
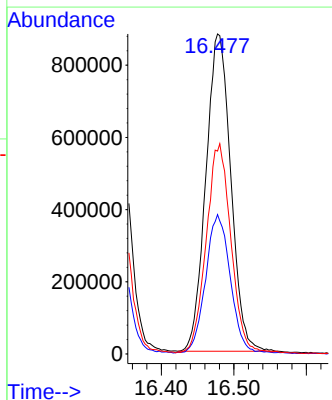
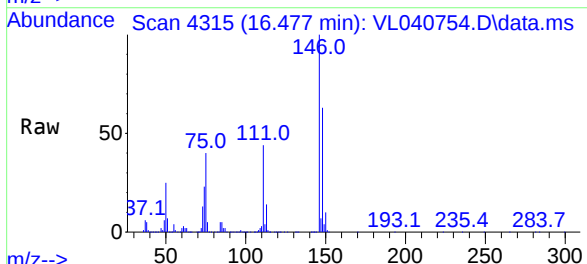
Instrument :
MSVOA_L
ClientSampleId :

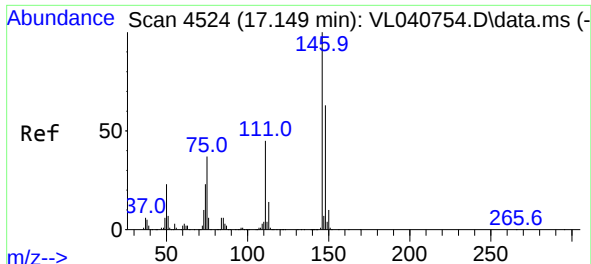
Tgt Ion:146 Resp: 2129740
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.7
148 64.8 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 9.004 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:146 Resp: 2098524
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 66.7 33.4 100.1

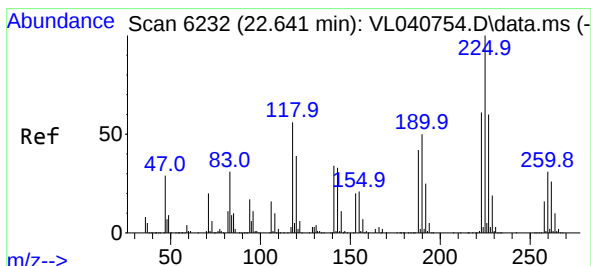
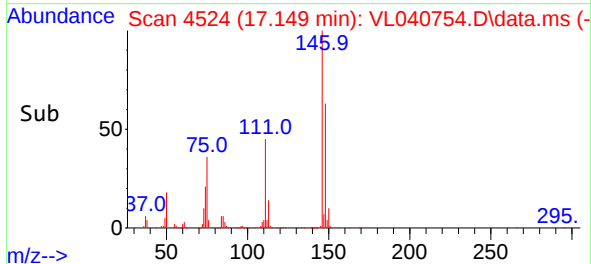
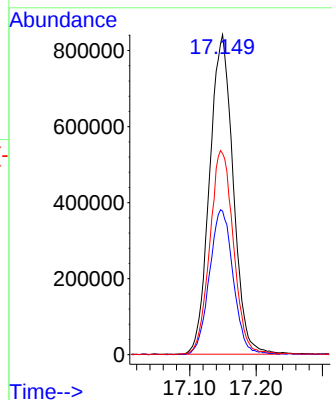
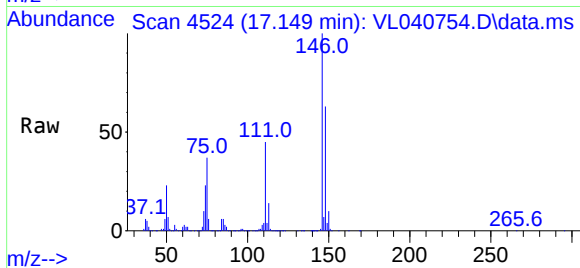




#77
1,2-Dichlorobenzene
Concen: 8.973 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

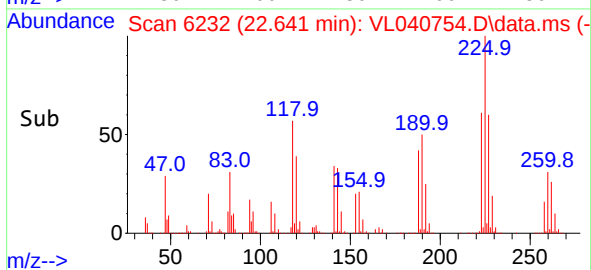
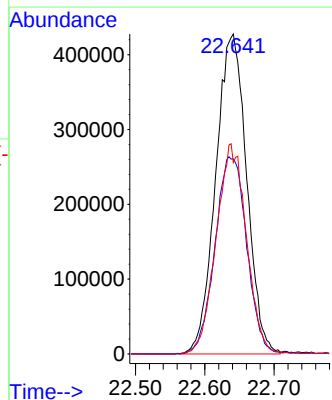
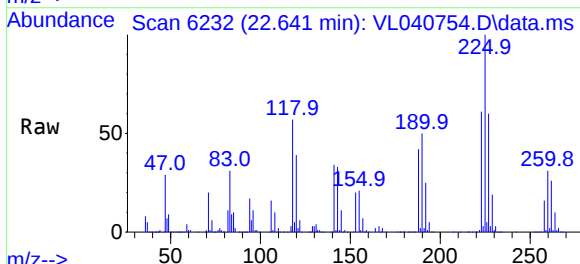
Instrument :
MSVOA_L
ClientSampleId :

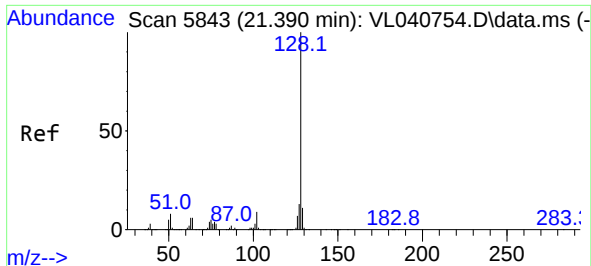
Tgt Ion:146 Resp: 2071842
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 64.5 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 8.023 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:225 Resp: 1325515
Ion Ratio Lower Upper
225 100
223 63.6 50.7 76.1
227 64.4 51.4 77.0

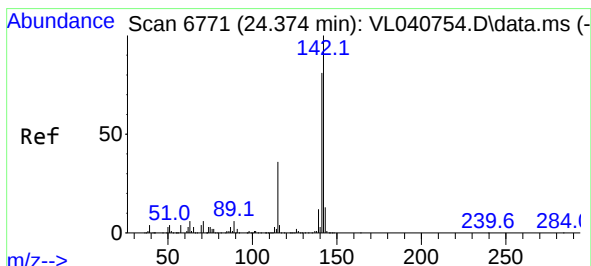
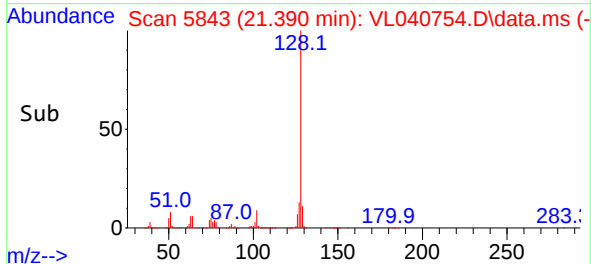
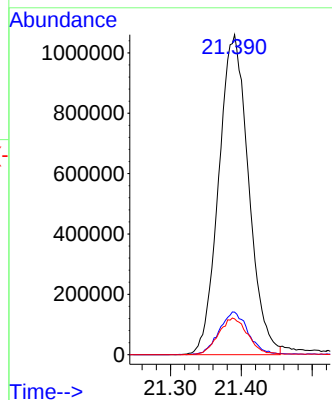
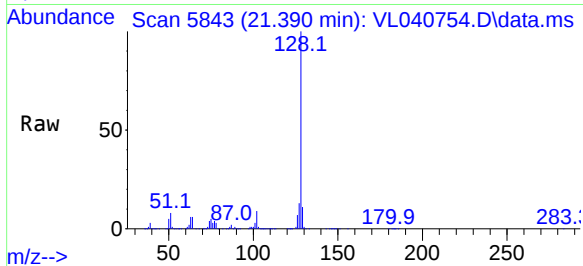




#79
Naphthalene
Concen: 10.090 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

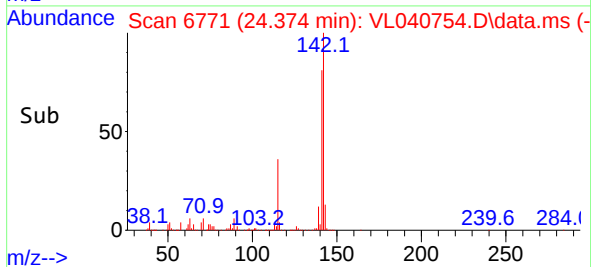
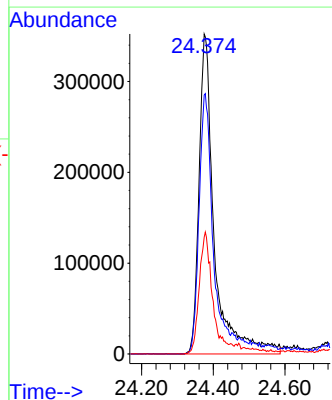
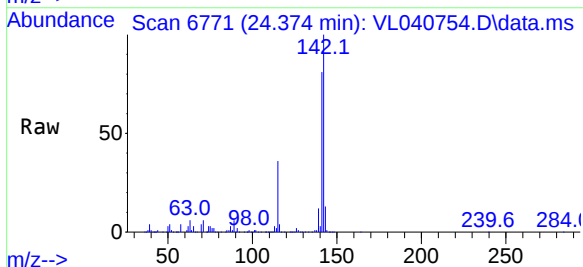
Instrument :
MSVOA_L
ClientSampleId :

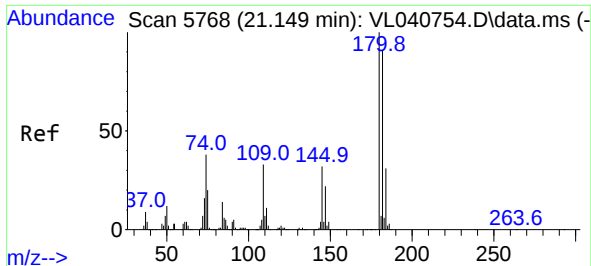
Tgt Ion:128 Resp: 3103679
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 12.094 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL040754.D
Acq: 11 Oct 2023 12:00

Tgt Ion:142 Resp: 1043854
Ion Ratio Lower Upper
142 100
141 82.9 66.3 99.5
115 37.5 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 9.402 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

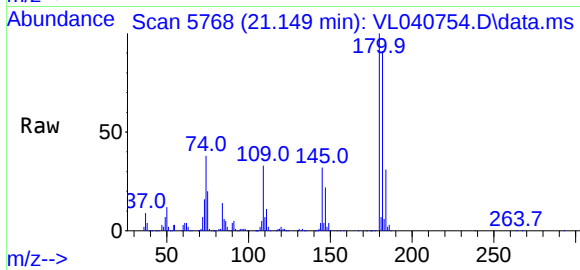
Lab File: VL040754.D

Acq: 11 Oct 2023 12:00

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1570019

Ion Ratio Lower Upper

180 100

182 97.1 77.9 116.9

184 31.0 25.0 37.6

