

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040761.D
 Acq On : 11 Oct 2023 16:45
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 12 00:27:38 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	5.217	49	1058211	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2941460	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	3501994	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2125235	8.247	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.771	85	1803926	9.680	ppbv	98
3) Chlorodifluoromethane	2.716	51	1476677	9.495	ppbv	99
4) Chloromethane	2.854	50	584432	9.517	ppbv	99
5) Vinyl Chloride	2.960	62	605989	9.550	ppbv	96
6) Bromomethane	3.156	94	232276	8.848	ppbv	97
7) Chloroethane	3.234	64	204464	9.898	ppbv	95
8) Dichlorotetrafluoroethane	2.896	85	1385652	9.809	ppbv	98
9) Propene	2.735	41	562125	9.731	ppbv	98
10) Heptane	7.597	43	1370587	9.445	ppbv	100
11) Trichlorofluoromethane	3.597	101	1403611	9.759	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	980543	9.559	ppbv	100
13) Ethanol	3.275	45	102814	7.885	ppbv	94
14) Bromoethene	3.401	108	440680	10.031	ppbv	98
15) Acetone	3.504	43	988227	9.033	ppbv	99
16) 1,3-Butadiene	3.025	39	579705	10.101	ppbv	99
17) tert-Butyl alcohol	3.909	59	1201570	10.712	ppbv	99
18) 1,1-Dichloroethene	3.912	96	450046	9.789	ppbv	96
19) Isopropyl Alcohol	3.607	45	748874	10.634	ppbv #	39
20) Methylene Chloride	3.964	84	376574	8.264	ppbv	96
21) Allyl Chloride	4.028	41	695709	9.643	ppbv	100
22) trans-1,2-Dichloroethene	4.472	96	477722	9.763	ppbv	99
23) Vinyl Acetate	4.652	43	1211686	8.691	ppbv	99
24) 1,1-Dichloroethane	4.590	63	978624	9.307	ppbv	99
25) Ethyl Acetate	5.227	43	2263497	9.443	ppbv	99
26) Hexane	5.237	57	1013066	9.248	ppbv	99
27) Carbon Disulfide	4.153	76	1173116	9.705	ppbv	98
28) Methyl tert-Butyl Ether	4.613	73	779338	9.148	ppbv	99
29) Chloroform	5.298	83	1530886	9.658	ppbv	99
30) Cyclohexane	6.623	84	889680	9.544	ppbv	99
31) cis-1,2-Dichloroethene	5.105	61	1004787	9.953	ppbv	97
32) 1,1,1-Trichloroethane	6.025	97	1568557	9.297	ppbv	99
34) 2-Butanone	4.812	43	1363646	10.242	ppbv	97
35) Carbon Tetrachloride	6.513	117	1639275	9.929	ppbv	96
36) Benzene	6.388	78	2181147	9.640	ppbv	97
37) 1,2-Dichloroethane	5.832	62	1154402	9.963	ppbv	100
38) Trichloroethene	7.311	130	844754	8.437	ppbv	97
39) 1,2-Dichloropropane	7.092	63	842344	9.530	ppbv	99
40) 1,4-Dioxane	7.301	88	353468	10.567	ppbv #	95
41) Tetrahydrofuran	5.578	42	898673	9.747	ppbv	98
42) Bromodichloromethane	7.269	83	1727848	9.954	ppbv	100
43) Methyl Methacrylate	7.491	69	895957	9.893	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3562095	9.310	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	663097	9.182	ppbv	98

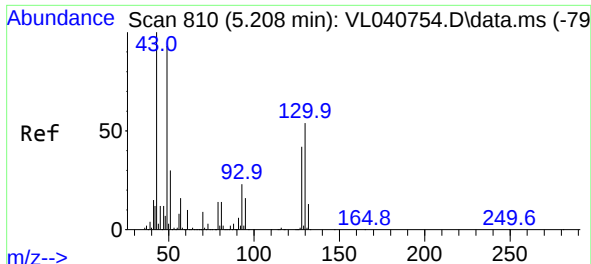
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
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Quant Time: Oct 12 00:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : 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	8.159	75	778441	8.823	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	885595	9.538	ppbv	97
48) Dibromochloromethane	9.722	129	1580287	10.156	ppbv	100
49) Bromoform	12.417	173	1321649	10.449	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2255211	9.901	ppbv	99
51) 2-Hexanone	9.565	43	1694470	9.775	ppbv #	99
52) Tetrachloroethene	10.629	164	827075	9.000	ppbv	97
53) Toluene	9.237	91	2548669	9.465	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1263716	9.709	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.519	131	1123036	7.858	ppbv	95
57) Chlorobenzene	11.536	112	1950604	7.774	ppbv	98
58) Ethyl Benzene	12.098	91	3373967	7.652	ppbv	100
59) m/p-Xylene	12.381	91	3139901	8.652	ppbv #	46
60) o-Xylene	13.072	91	2619599	7.576	ppbv	100
61) Styrene	12.905	104	1541469	8.046	ppbv	99
62) Isopropylbenzene	14.037	105	4009173	7.537	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	1852551	7.146	ppbv	99
64) n-propylbenzene	14.925	120	1108047	7.754	ppbv	100
65) tert-Butylbenzene	16.098	119	3541064	7.381	ppbv	99
66) Benzyl Chloride	16.336	91	300841	6.224	ppbv	98
67) sec-Butylbenzene	16.641	105	4906427	7.469	ppbv	100
69) p-Isopropyltoluene	17.002	119	4145117	7.531	ppbv	99
70) n-Butylbenzene	17.892	91	4111100	7.606	ppbv	99
71) 2-Chlorotoluene	14.809	91	3050025	7.633	ppbv	100
72) 4-Ethyltoluene	15.201	105	3252920	8.033	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2774146	7.781	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	2952224	7.579	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	1879432	7.758	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1851420	7.717	ppbv	99
77) 1,2-Dichlorobenzene	17.149	146	1803349	7.587	ppbv	100
78) Hexachloro-1,3-Butadiene	22.641	225	1120908	6.591	ppbv	99
79) Naphthalene	21.390	128	2793826	8.824	ppbv	97
80) Naphthalene,2-methyl-	24.381	142	1044179	11.752	ppbv	98
81) 1,2,4-Trichlorobenzene	21.149	180	1388866	8.080	ppbv	100

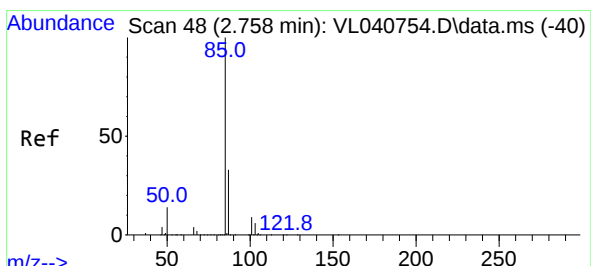
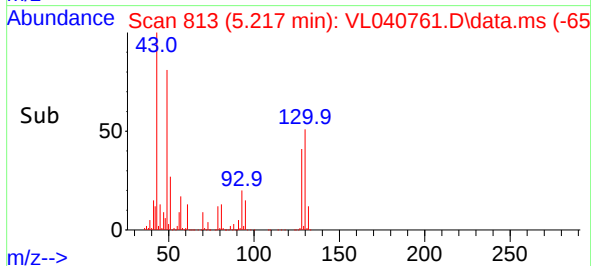
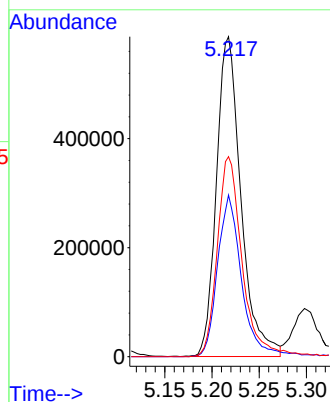
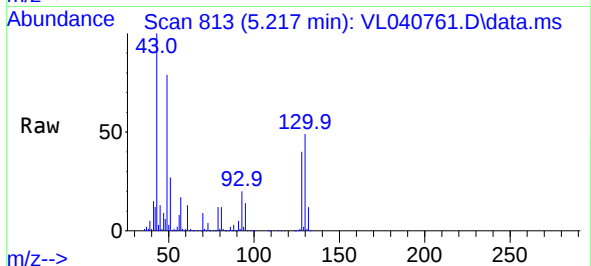
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

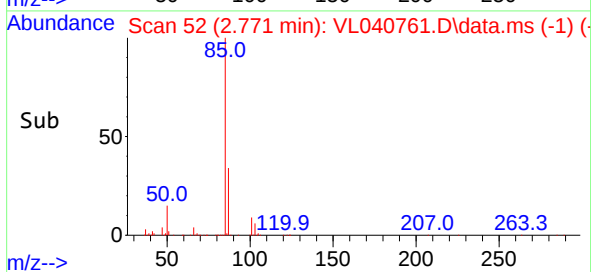
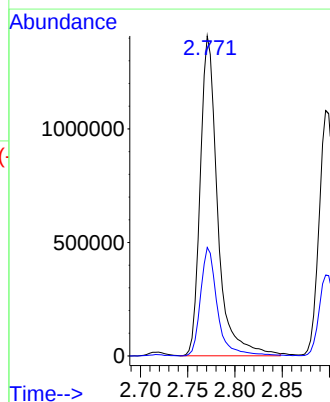
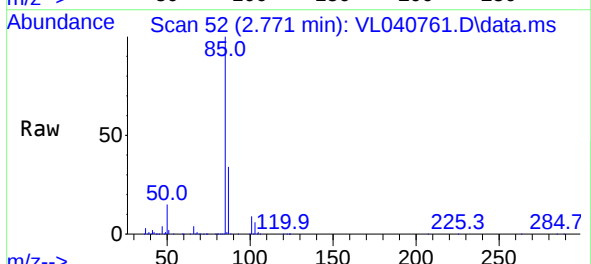
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1058211
Ion Ratio Lower Upper
49 100
128 50.4 23.9 71.7
130 64.0 30.7 92.1

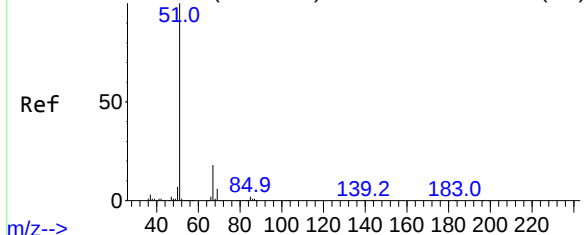


#2
Dichlorodifluoromethane
Concen: 9.680 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 85 Resp: 1803926
Ion Ratio Lower Upper
85 100
87 33.9 26.0 39.0



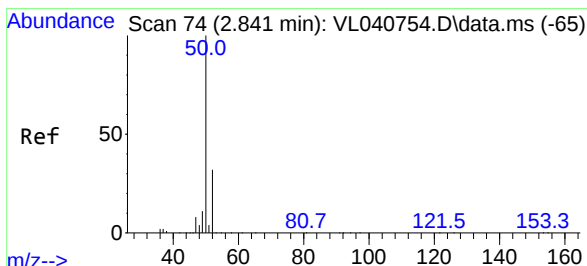
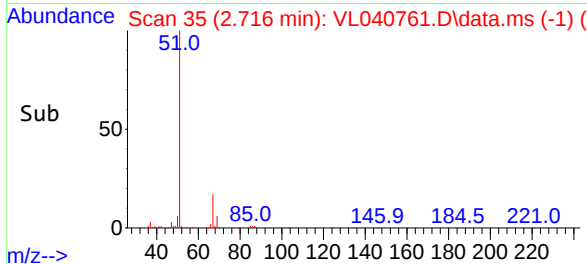
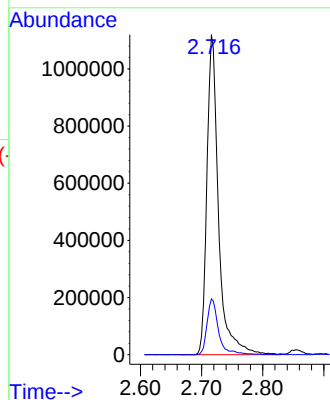
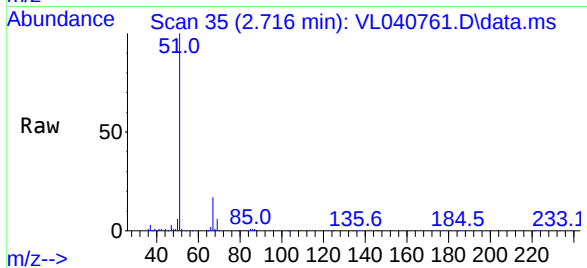
Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)



#3
Chlorodifluoromethane
Concen: 9.495 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

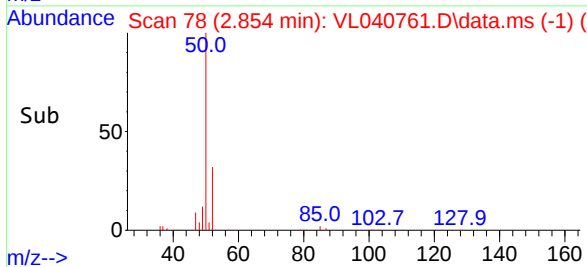
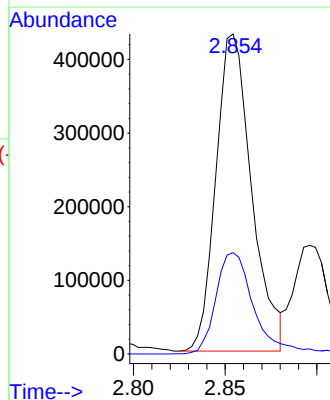
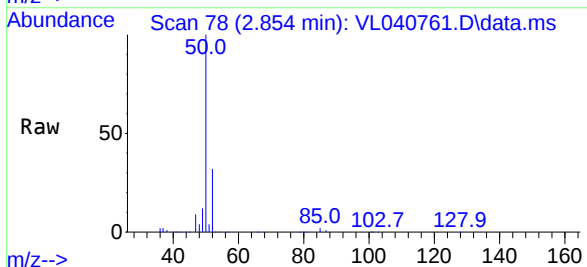
Instrument :
MSVOA_L
ClientSampleId :

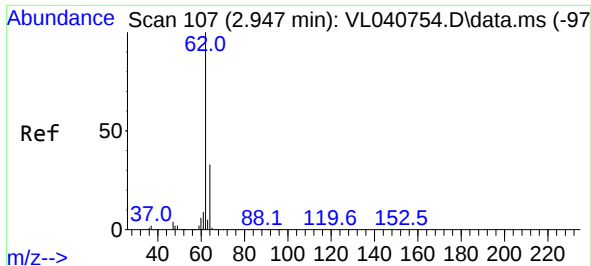
Tgt Ion: 51 Resp: 1476677
Ion Ratio Lower Upper
51 100
67 17.4 13.8 20.6



#4
Chloromethane
Concen: 9.517 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 50 Resp: 584432
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9

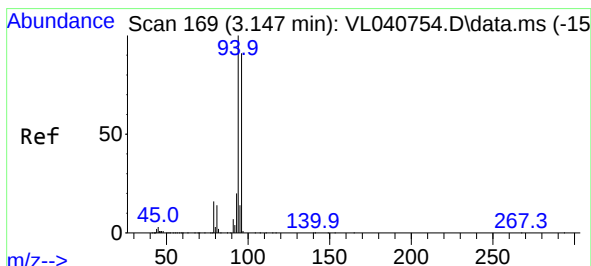
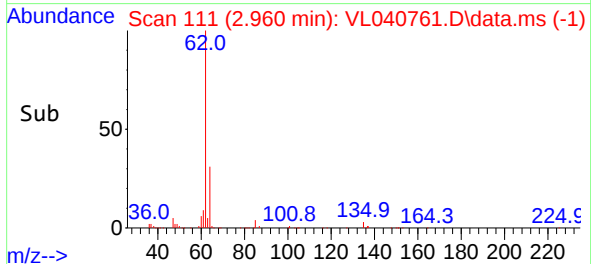
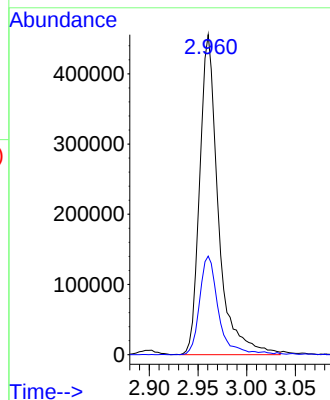
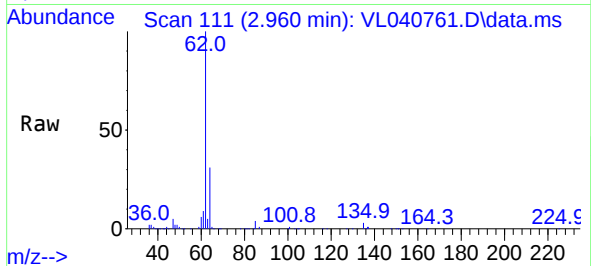




#5
 Vinyl Chloride
 Concen: 9.550 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.013 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

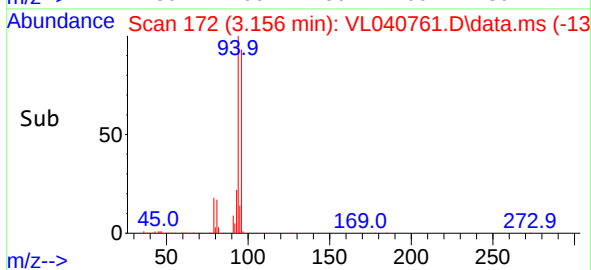
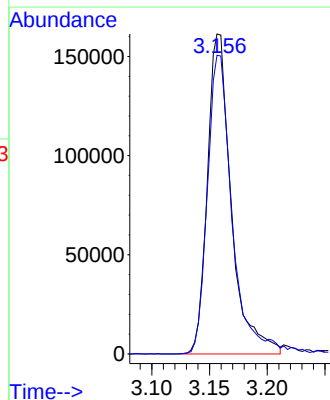
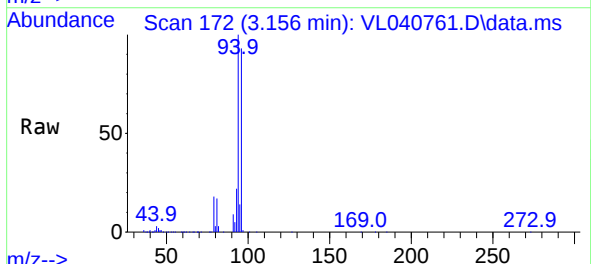
Instrument :
 MSVOA_L
 ClientSampleId :

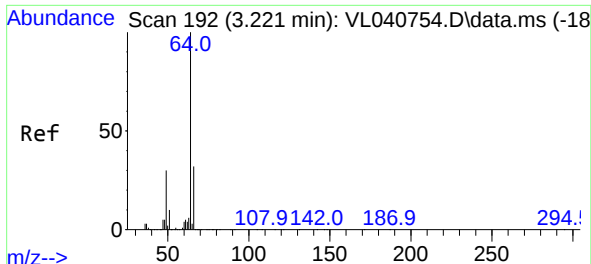
Tgt Ion: 62 Resp: 605989
 Ion Ratio Lower Upper
 62 100
 64 30.7 26.6 39.8



#6
 Bromomethane
 Concen: 8.848 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Tgt Ion: 94 Resp: 232276
 Ion Ratio Lower Upper
 94 100
 96 93.3 72.6 109.0

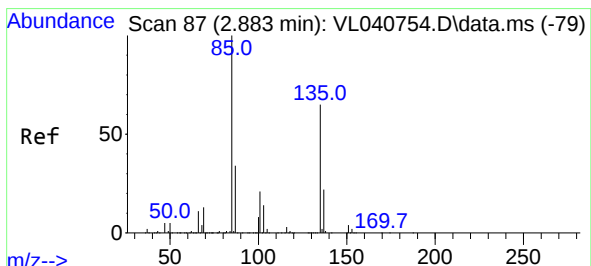
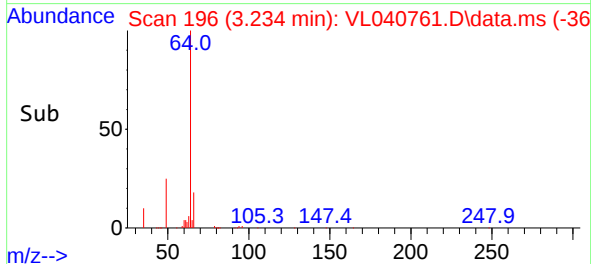
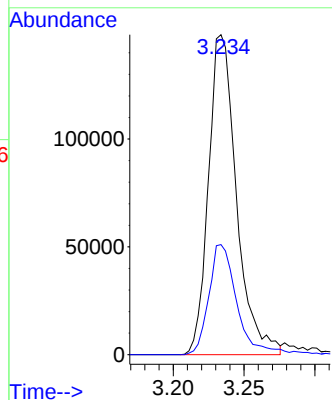
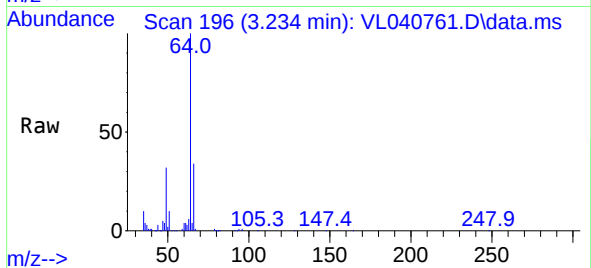




#7
Chloroethane
Concen: 9.898 ppbv
RT: 3.234 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

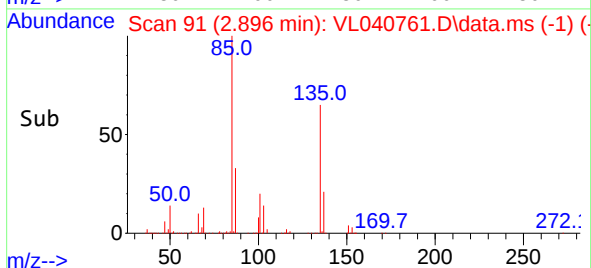
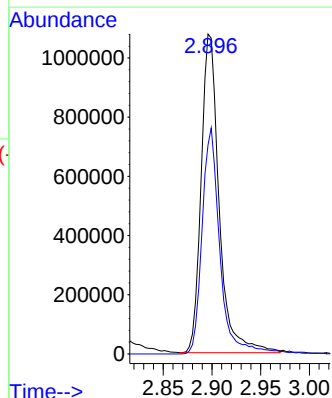
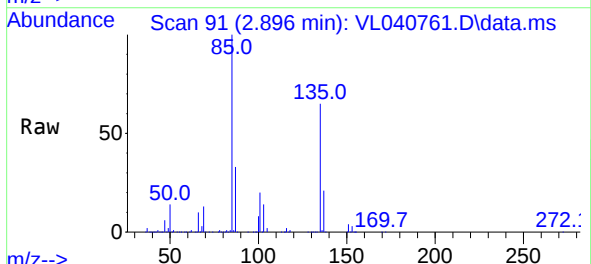
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 204464
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2

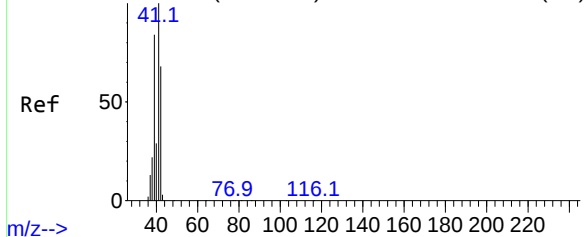


#8
Dichlorotetrafluoroethane
Concen: 9.809 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 85 Resp: 1385652
Ion Ratio Lower Upper
85 100
135 70.6 55.4 83.2



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



#9

Propene

Concen: 9.731 ppbv

RT: 2.735 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

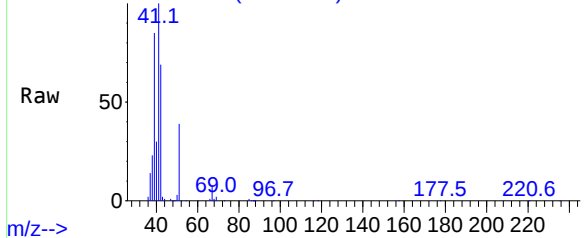
Tgt Ion: 41 Resp: 562125

Ion Ratio Lower Upper

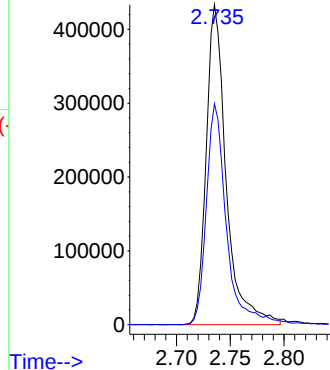
41 100

42 69.8 57.1 85.7

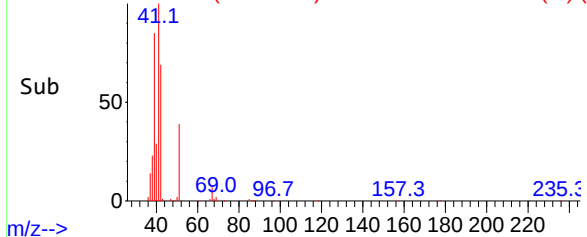
Abundance Scan 41 (2.735 min): VL040761.D\data.ms



Abundance

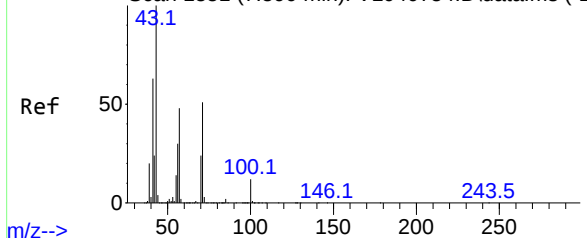


Abundance Scan 41 (2.735 min): VL040761.D\data.ms (-1)



Time-->

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



#10

Heptane

Concen: 9.445 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

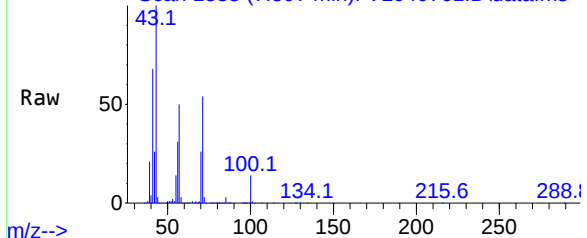
Tgt Ion: 43 Resp: 1370587

Ion Ratio Lower Upper

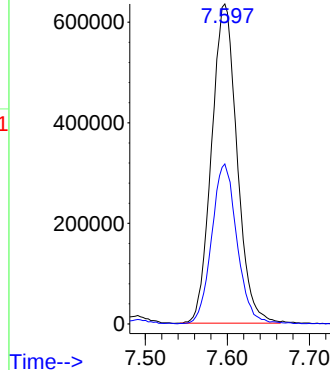
43 100

57 49.7 40.0 60.0

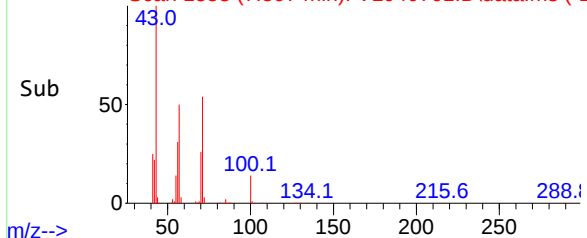
Abundance Scan 1553 (7.597 min): VL040761.D\data.ms



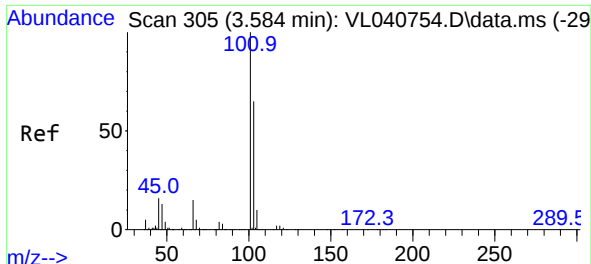
Abundance



Abundance Scan 1553 (7.597 min): VL040761.D\data.ms (-1)



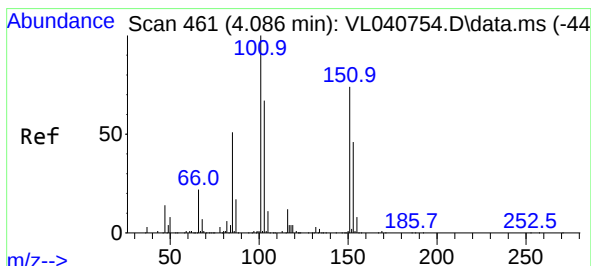
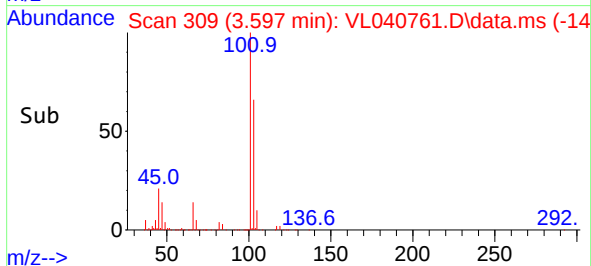
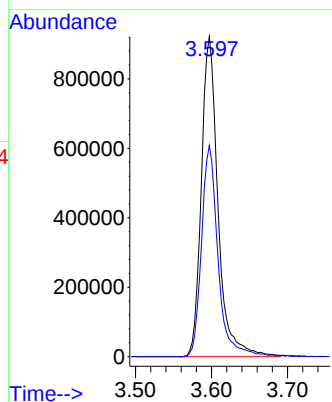
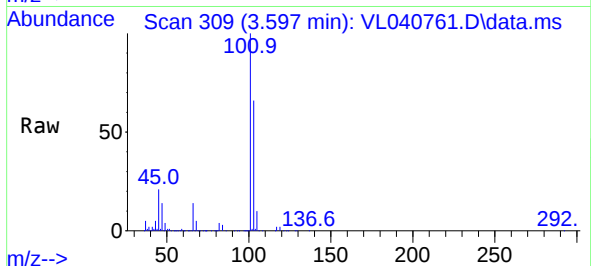
Time-->



#11
Trichlorofluoromethane
Concen: 9.759 ppbv
RT: 3.597 min Scan# 305
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

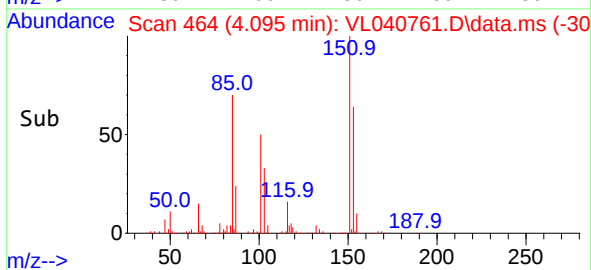
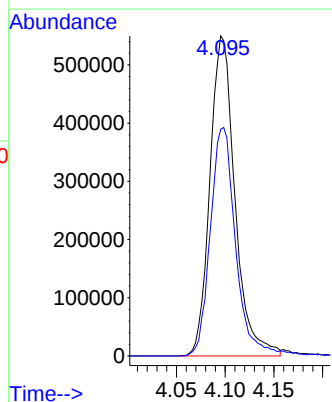
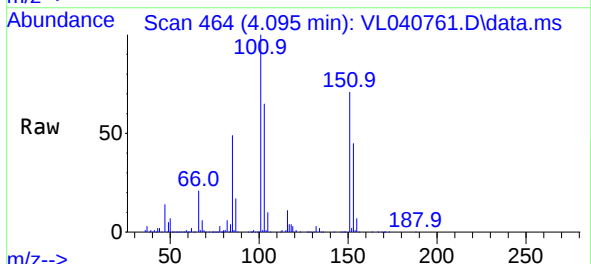
Instrument :
MSVOA_L
ClientSampleId :

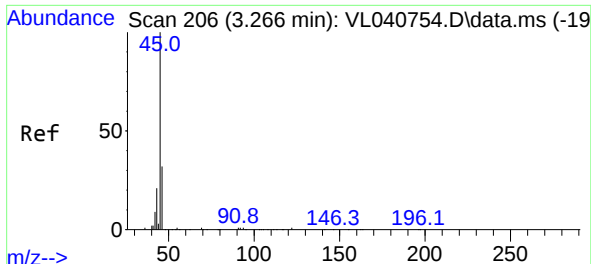
Tgt Ion:101 Resp: 1403611
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.559 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:101 Resp: 980543
Ion Ratio Lower Upper
101 100
151 72.9 58.1 87.1





#13

Ethanol

Concen: 7.885 ppbv

RT: 3.275 min Scan# 206

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

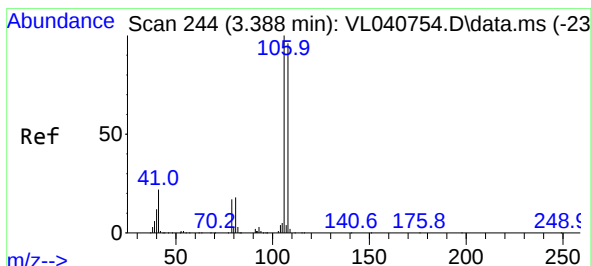
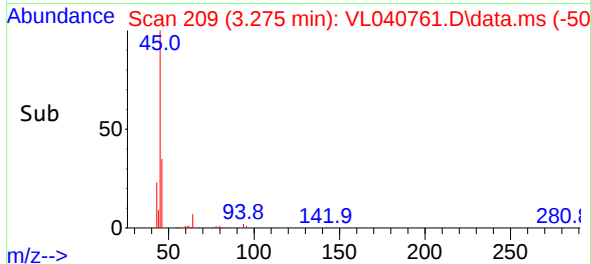
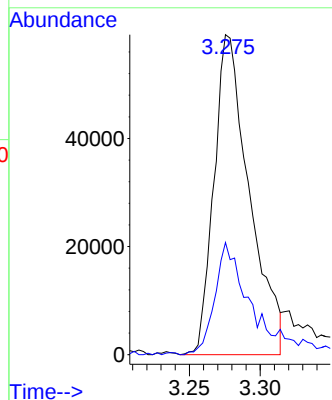
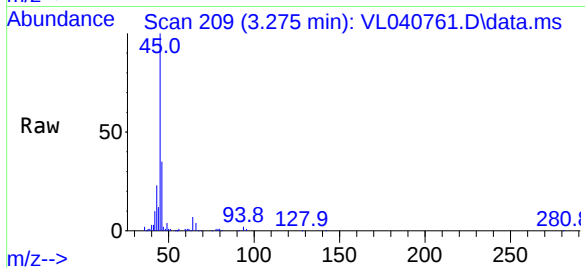
ClientSampleId :

Tgt Ion: 45 Resp: 102814

Ion Ratio Lower Upper

45 100

46 39.7 14.6 58.2



#14

Bromoethene

Concen: 10.031 ppbv

RT: 3.401 min Scan# 248

Delta R.T. 0.013 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

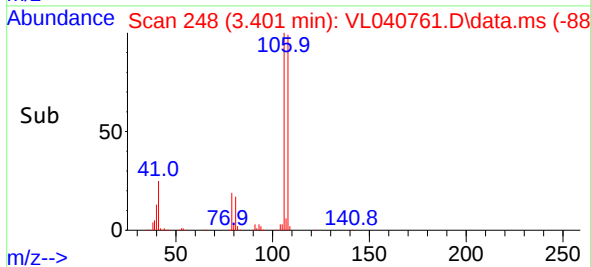
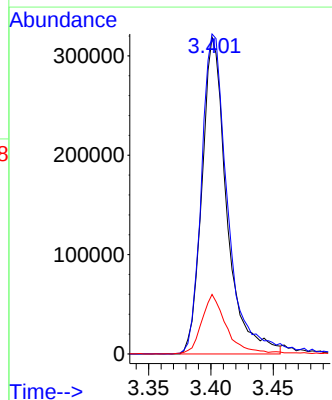
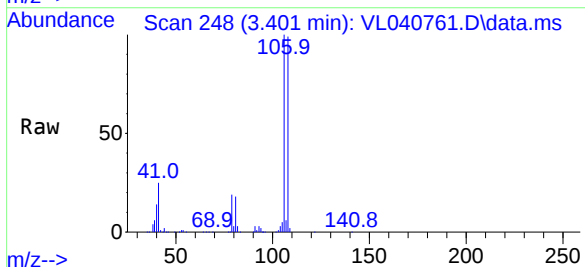
Tgt Ion:108 Resp: 440680

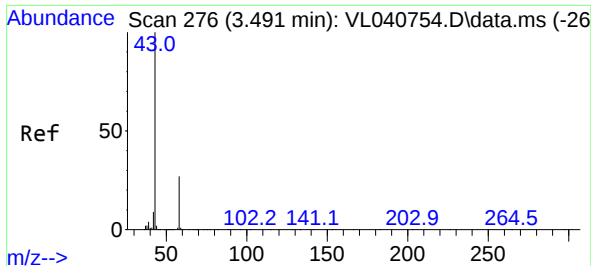
Ion Ratio Lower Upper

108 100

106 109.0 85.2 127.8

79 19.4 15.7 23.5

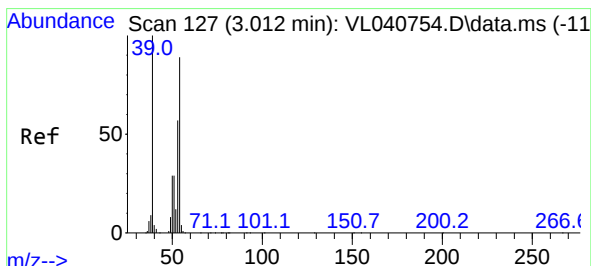
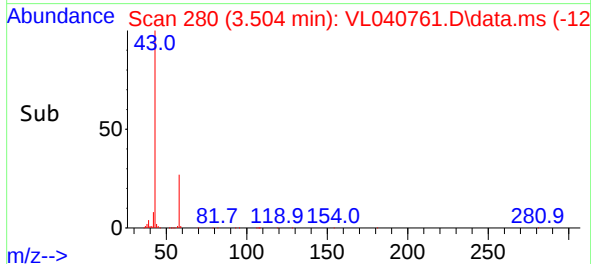
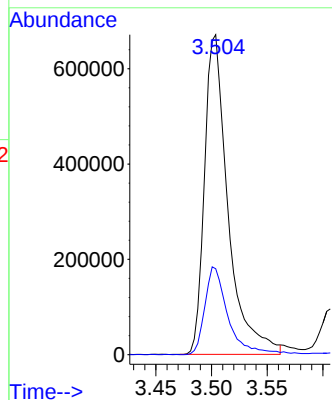
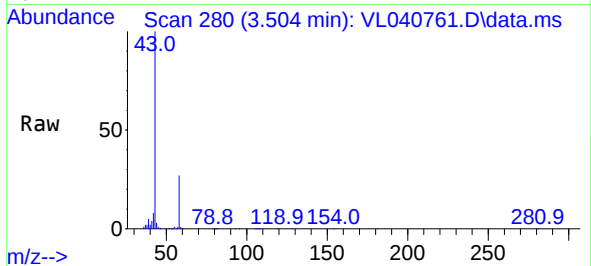




#15
Acetone
Concen: 9.033 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

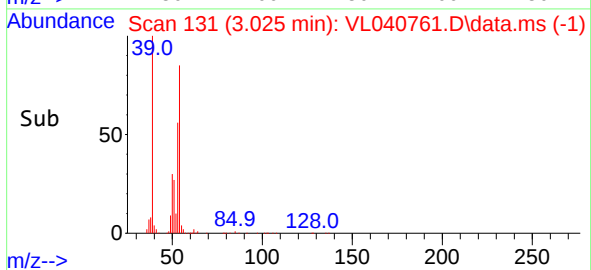
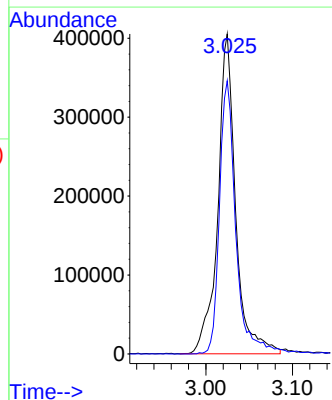
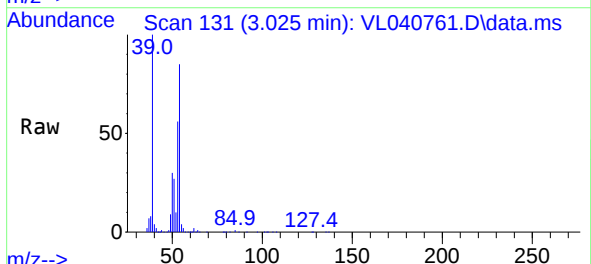
Instrument :
MSVOA_L
ClientSampleId :

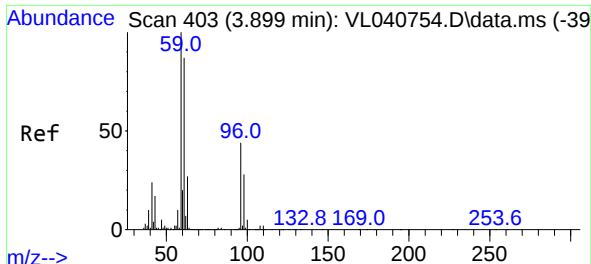
Tgt Ion: 43 Resp: 988227
Ion Ratio Lower Upper
43 100
58 27.4 21.6 32.4



#16
1,3-Butadiene
Concen: 10.101 ppbv
RT: 3.025 min Scan# 131
Delta R.T. 0.013 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 39 Resp: 579705
Ion Ratio Lower Upper
39 100
54 79.4 63.0 94.6

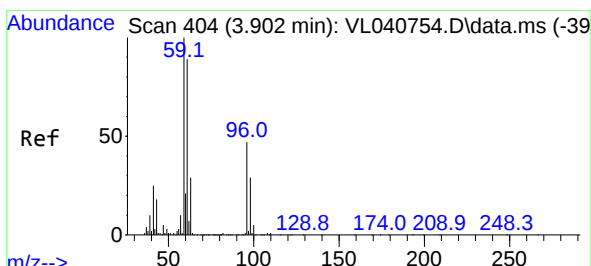
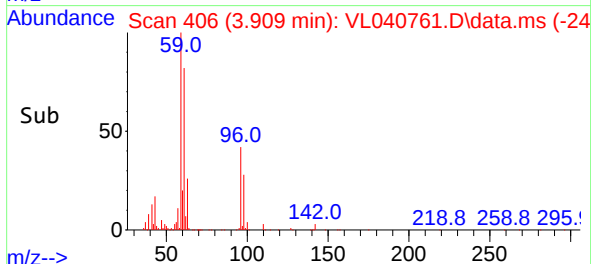
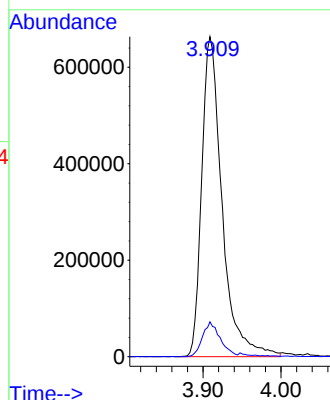
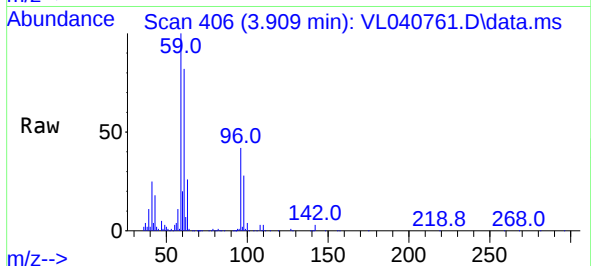




#17
tert-Butyl alcohol
Concen: 10.712 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

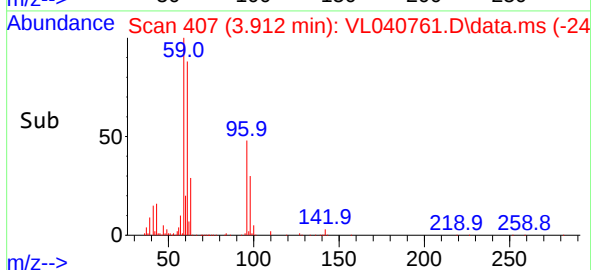
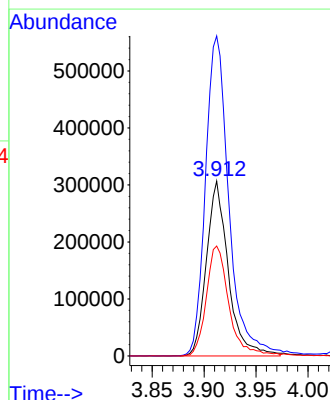
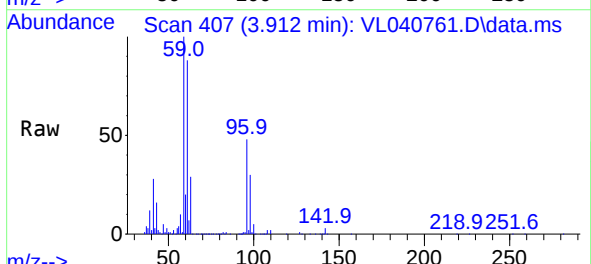
Instrument :
MSVOA_L
ClientSampleId :

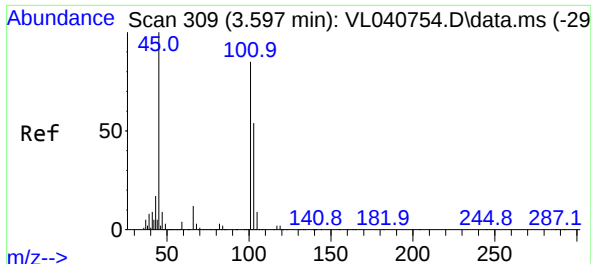
Tgt Ion: 59 Resp: 1201570
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0



#18
1,1-Dichloroethene
Concen: 9.789 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 96 Resp: 450046
Ion Ratio Lower Upper
96 100
61 182.8 152.5 228.7
98 62.9 49.6 74.4





#19

Isopropyl Alcohol

Concen: 10.634 ppbv

RT: 3.607 min Scan# 312

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

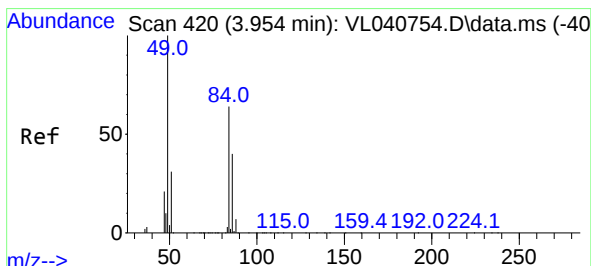
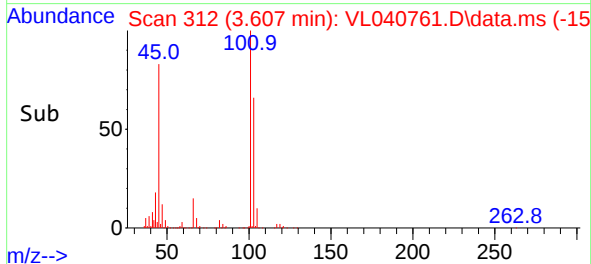
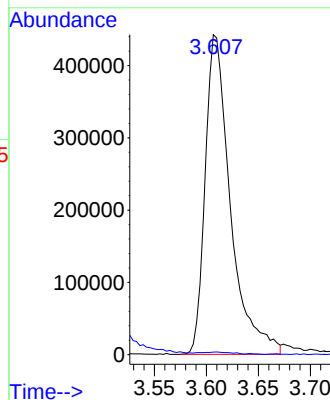
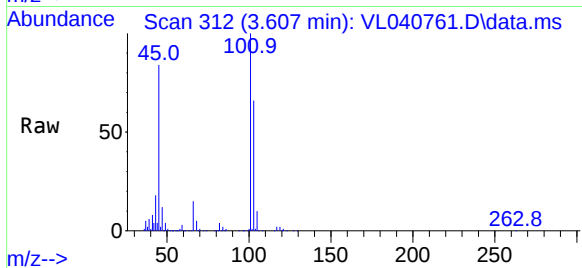
ClientSampleId :

Tgt Ion: 45 Resp: 748874

Ion Ratio Lower Upper

45 100

58 1.4 30.3 45.5#



#20

Methylene Chloride

Concen: 8.264 ppbv

RT: 3.964 min Scan# 423

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion: 84 Resp: 376574

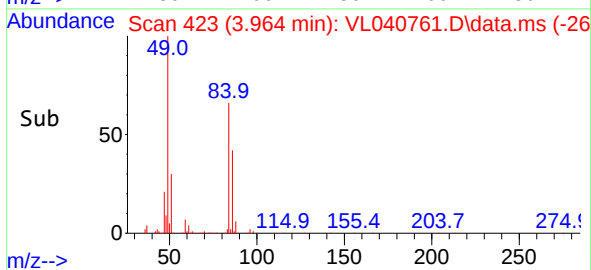
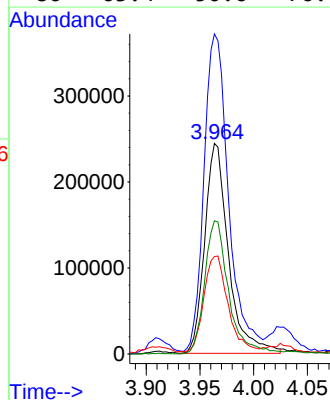
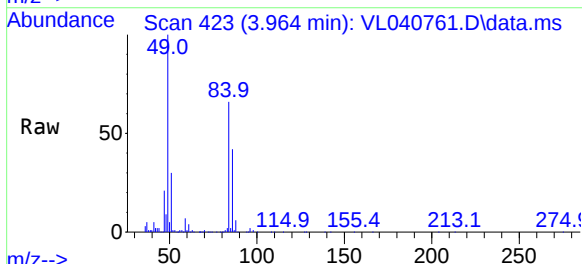
Ion Ratio Lower Upper

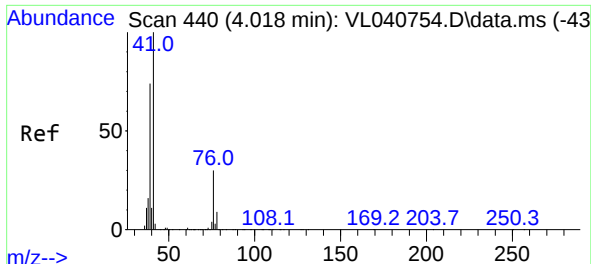
84 100

49 151.0 125.6 188.4

51 45.2 38.9 58.3

86 63.4 50.6 76.0

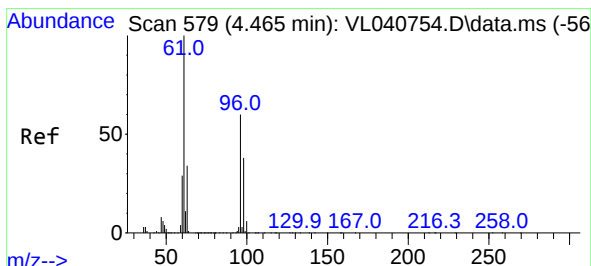
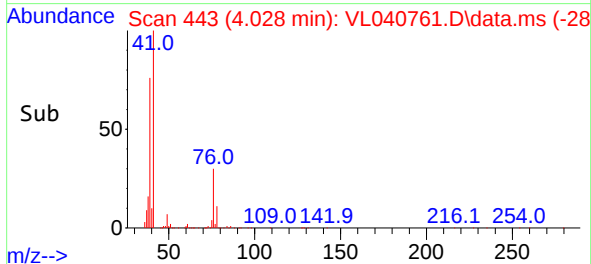
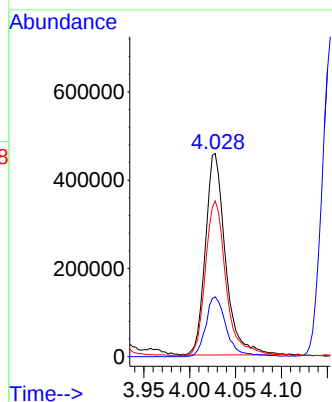
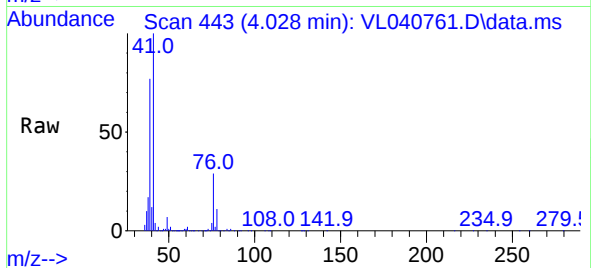




#21
 Allyl Chloride
 Concen: 9.643 ppbv
 RT: 4.028 min Scan# 440
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

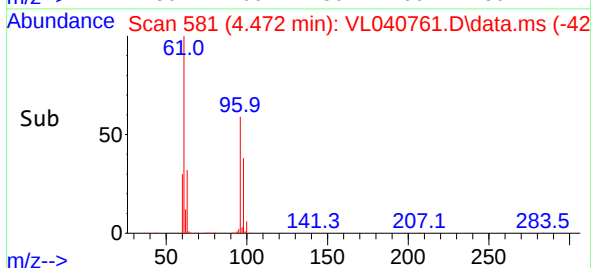
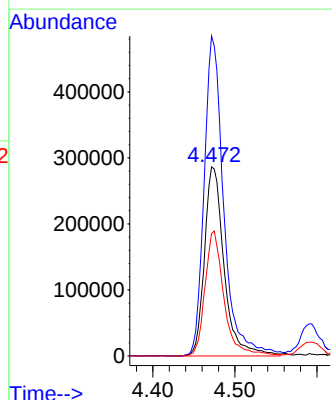
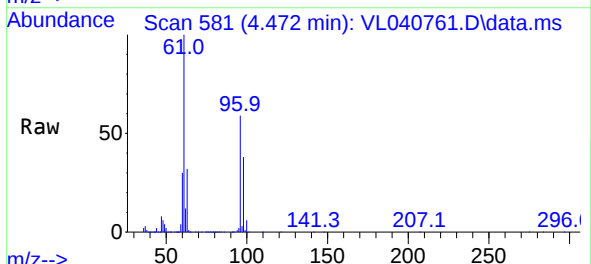
Instrument :
 MSVOA_L
 ClientSampleId :

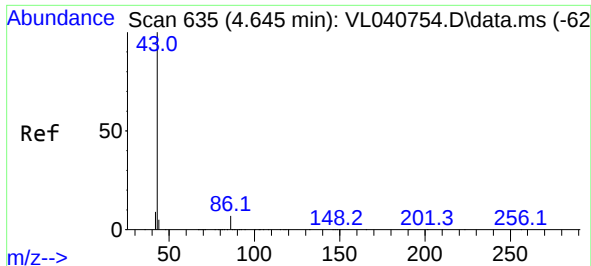
Tgt Ion: 41 Resp: 695709
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 79.9 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.763 ppbv
 RT: 4.472 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Tgt Ion: 96 Resp: 477722
 Ion Ratio Lower Upper
 96 100
 61 169.1 134.0 201.0
 98 64.7 51.0 76.4



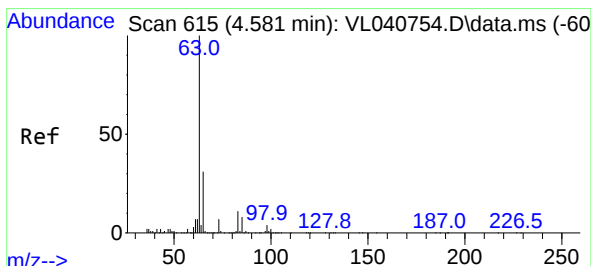
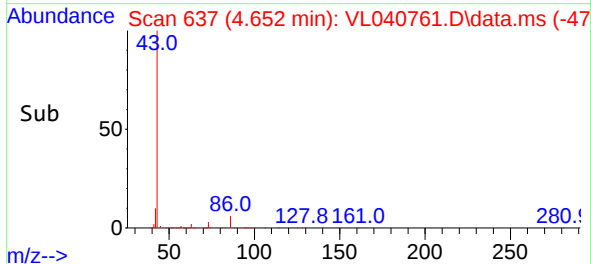
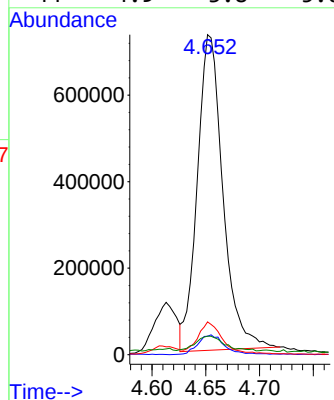
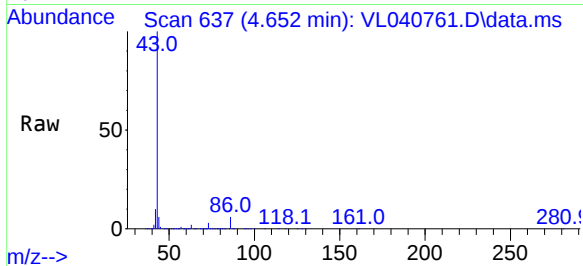


#23
 Vinyl Acetate
 Concen: 8.691 ppbv
 RT: 4.652 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1211686

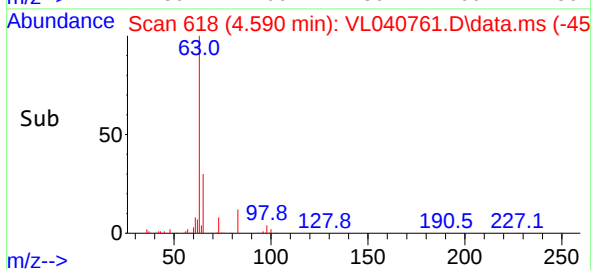
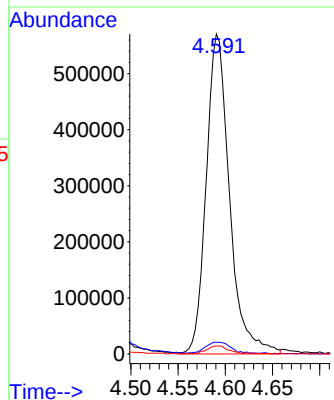
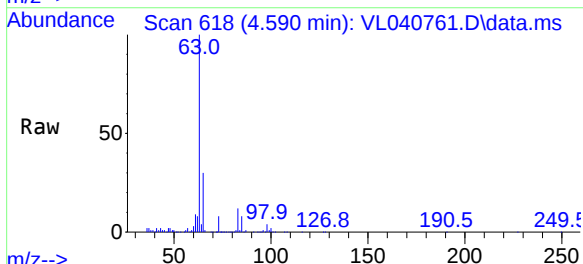
Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.9	7.3
42	10.2	7.8	11.6
44	4.9	3.8	5.6

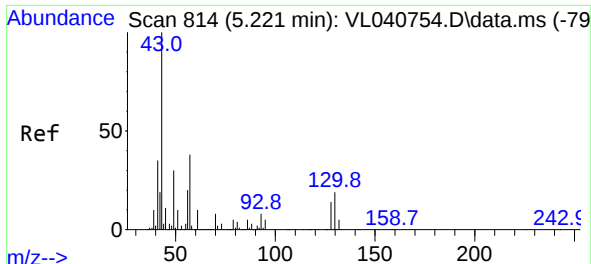


#24
 1,1-Dichloroethane
 Concen: 9.307 ppbv
 RT: 4.590 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL040761.D
 Acq: 11 Oct 2023 16:45

Tgt Ion: 63 Resp: 978624

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.0	5.8
100	2.4	1.3	3.8





#25

Ethyl Acetate

Concen: 9.443 ppbv

RT: 5.227 min Scan# 814

Delta R.T. 0.006 min

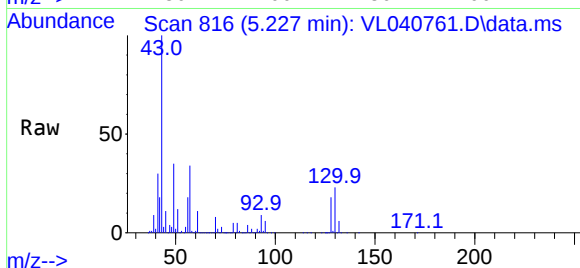
Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 2263497

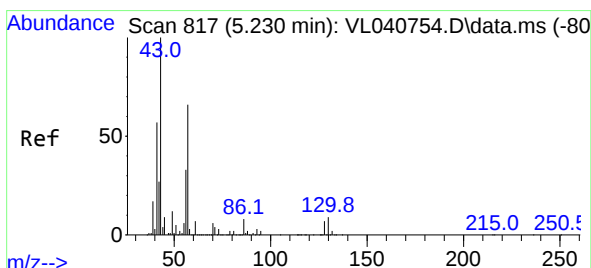
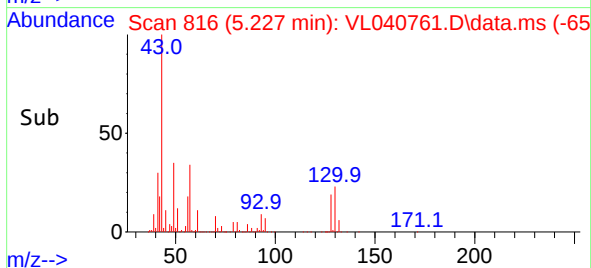
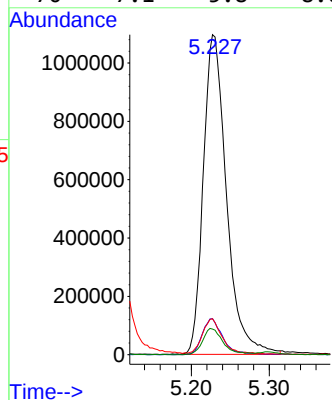
Ion Ratio Lower Upper

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: 9.248 ppbv

RT: 5.237 min Scan# 819

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion: 57 Resp: 1013066

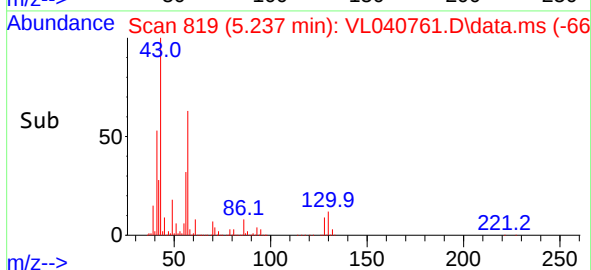
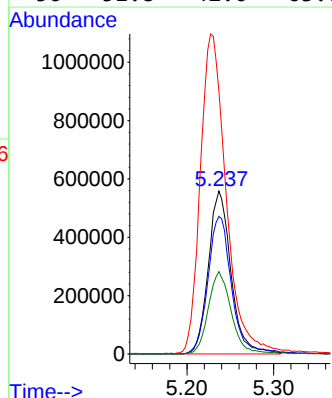
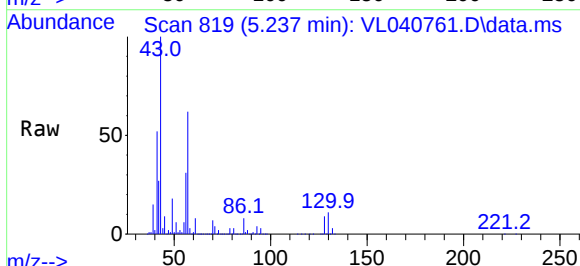
Ion Ratio Lower Upper

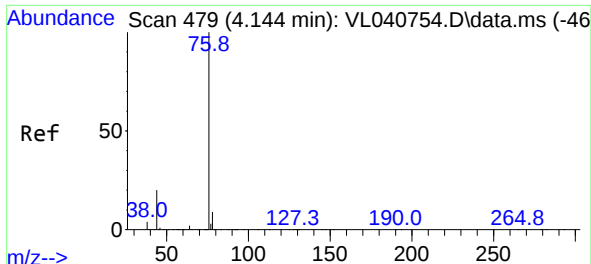
57 100

41 88.7 71.4 107.2

43 226.3 182.3 273.5

56 51.8 42.0 63.0

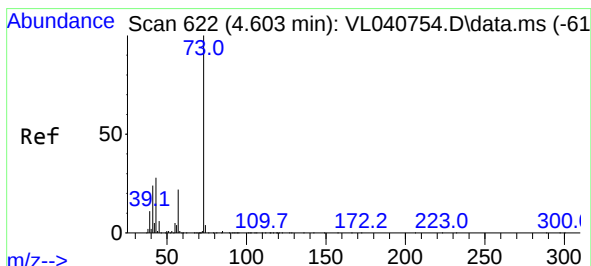
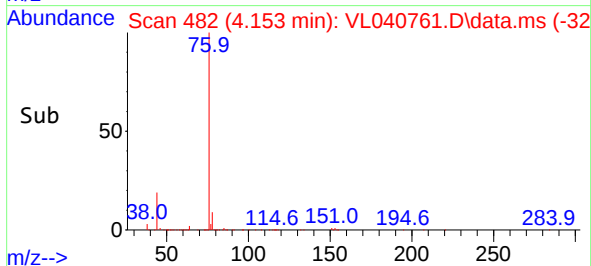
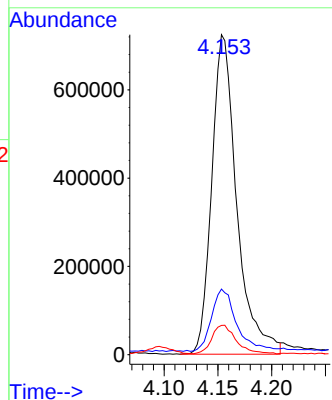
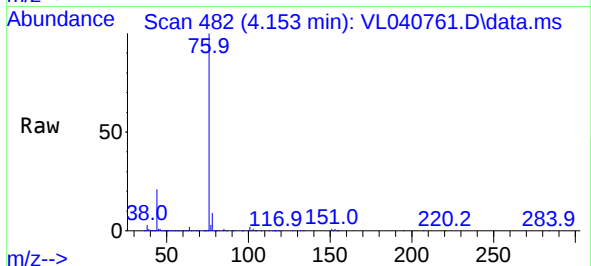




#27
Carbon Disulfide
Concen: 9.705 ppbv
RT: 4.153 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

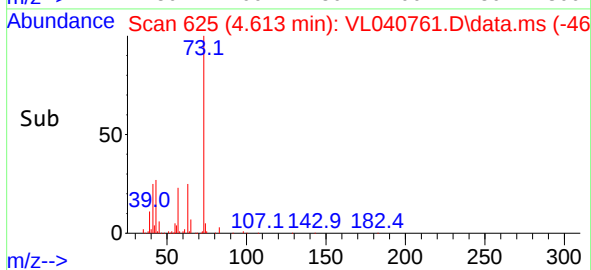
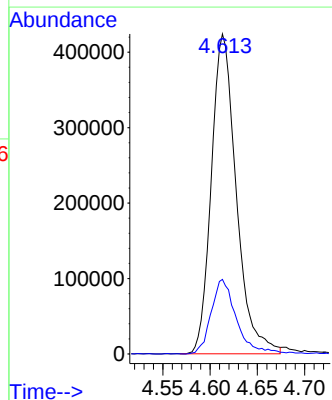
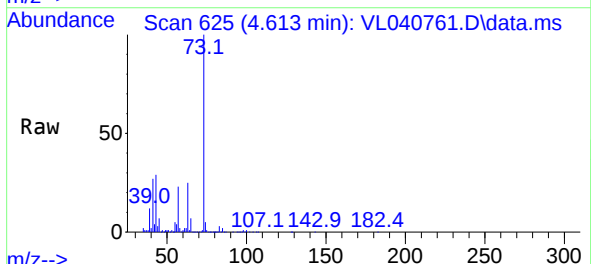
Instrument :
MSVOA_L
ClientSampleId :

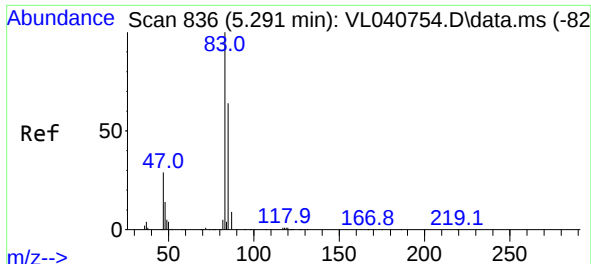
Tgt Ion: 76 Resp: 1173116
Ion Ratio Lower Upper
76 100
44 19.8 16.6 25.0
78 10.2 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.148 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 73 Resp: 779338
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 9.658 ppbv

RT: 5.298 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

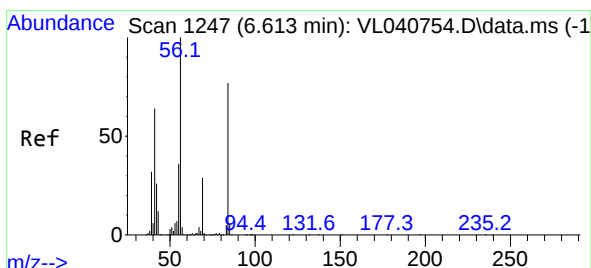
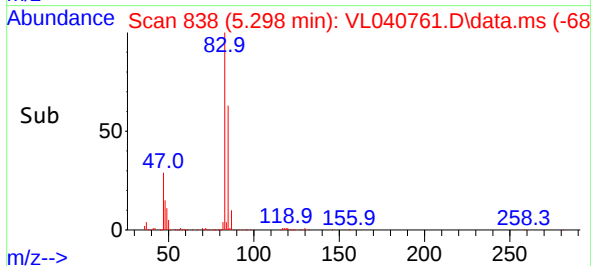
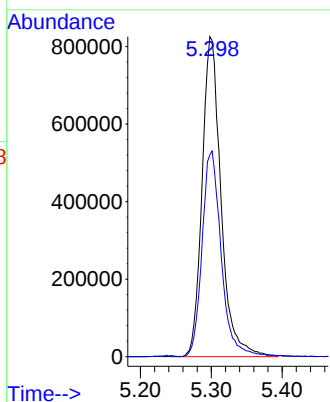
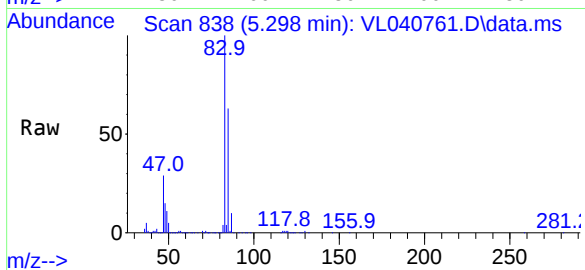
ClientSampleId :

Tgt Ion: 83 Resp: 1530886

Ion Ratio Lower Upper

83 100

85 63.0 51.3 76.9



#30

Cyclohexane

Concen: 9.544 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

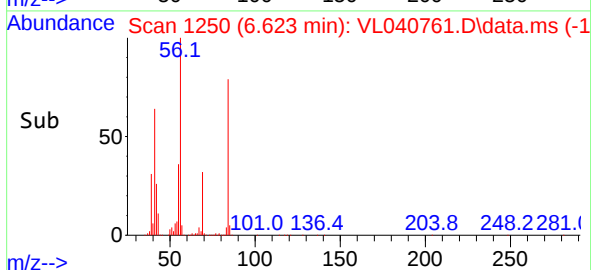
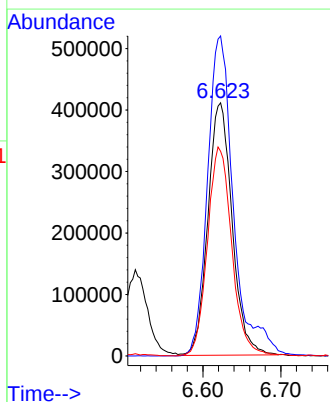
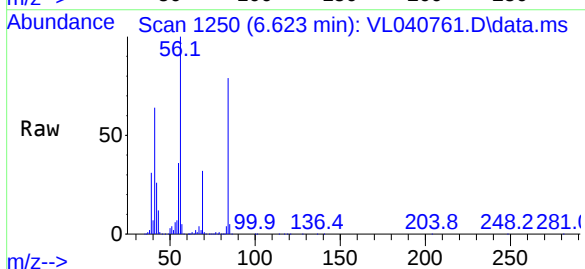
Tgt Ion: 84 Resp: 889680

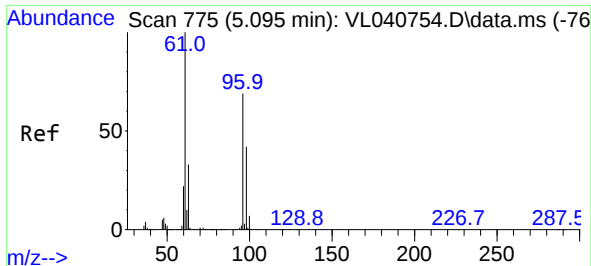
Ion Ratio Lower Upper

84 100

56 136.3 110.3 165.5

41 83.2 67.4 101.2

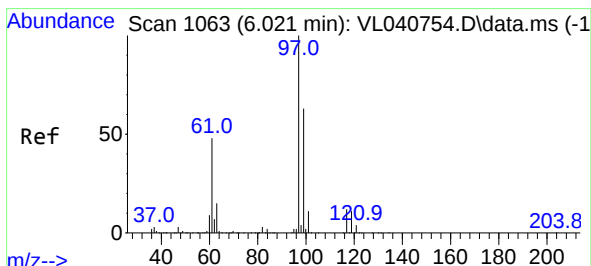
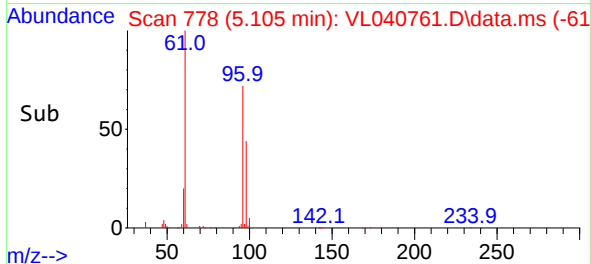
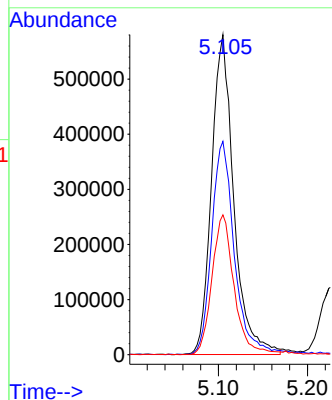
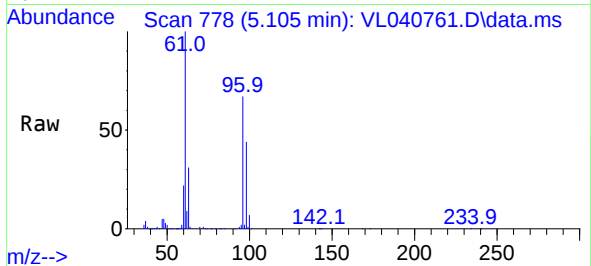




#31
cis-1,2-Dichloroethene
Concen: 9.953 ppbv
RT: 5.105 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

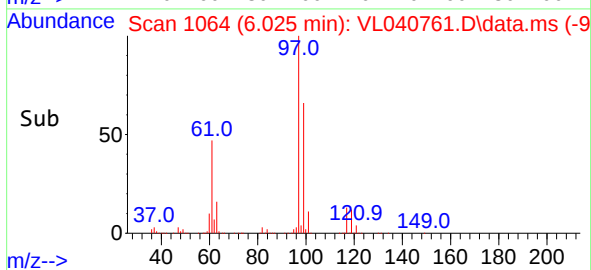
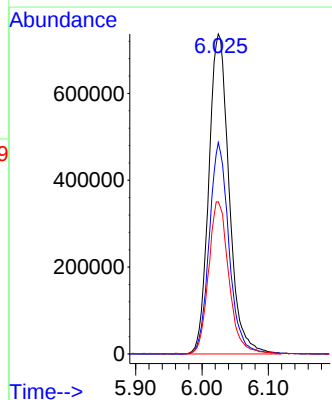
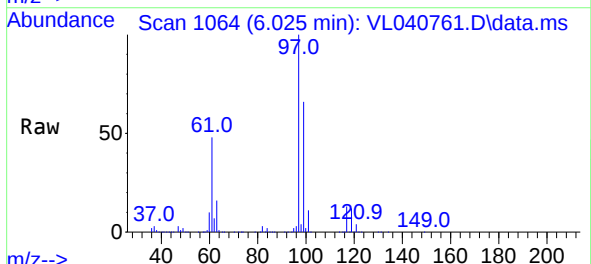
Instrument :
MSVOA_L
ClientSampleId :

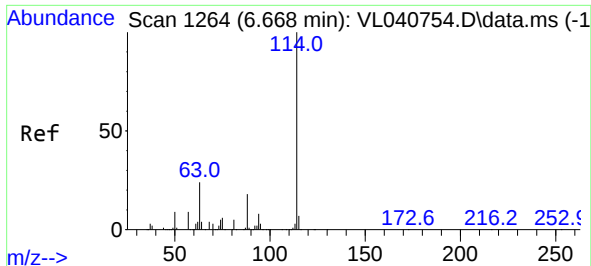
Tgt Ion: 61 Resp: 1004787
Ion Ratio Lower Upper
61 100
96 66.6 55.1 82.7
98 43.7 33.5 50.3



#32
1,1,1-Trichloroethane
Concen: 9.297 ppbv
RT: 6.025 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 97 Resp: 1568557
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 47.7 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

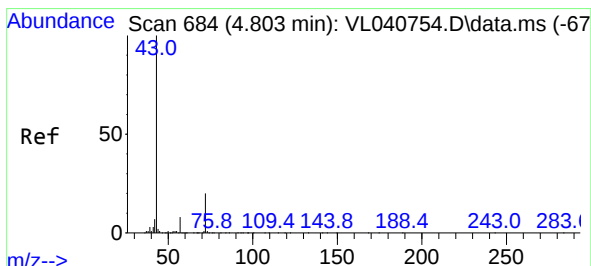
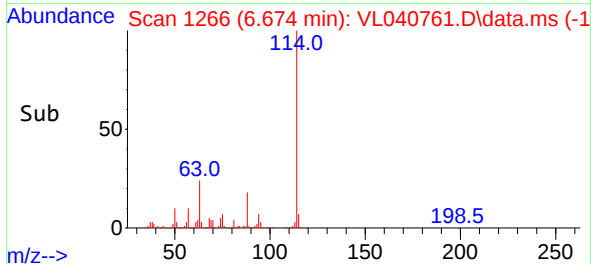
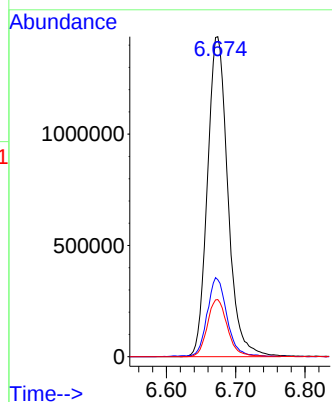
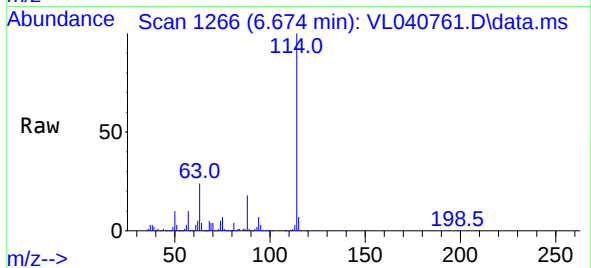
Tgt Ion:114 Resp: 2941460

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 10.242 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.010 min

Lab File: VL040761.D

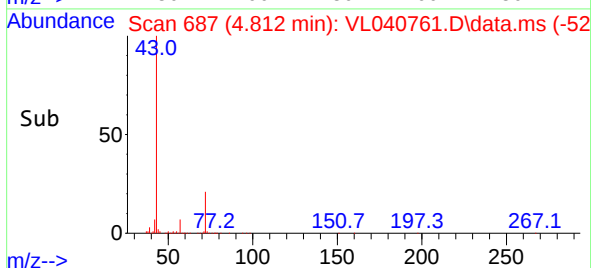
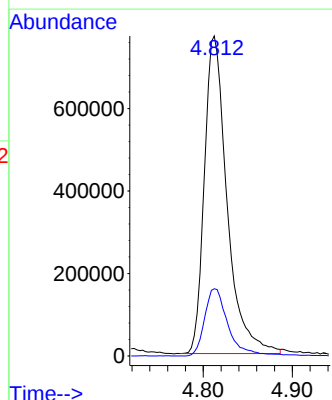
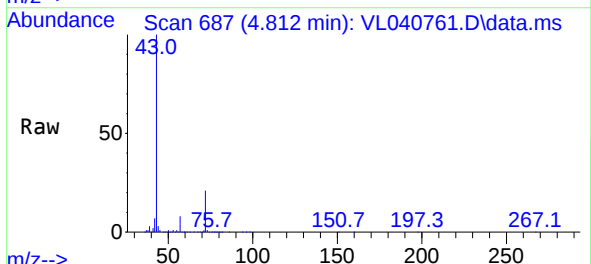
Acq: 11 Oct 2023 16:45

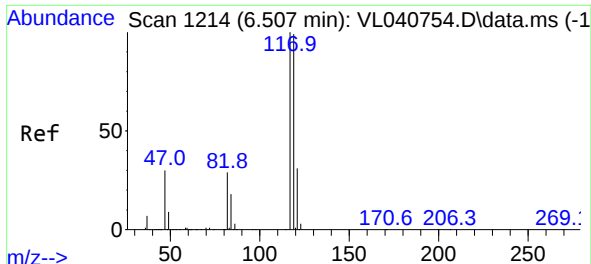
Tgt Ion: 43 Resp: 1363646

Ion Ratio Lower Upper

43 100

72 22.5 16.8 25.2

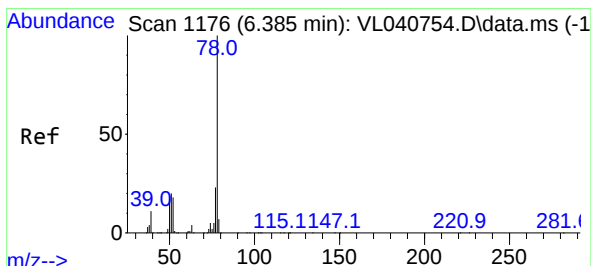
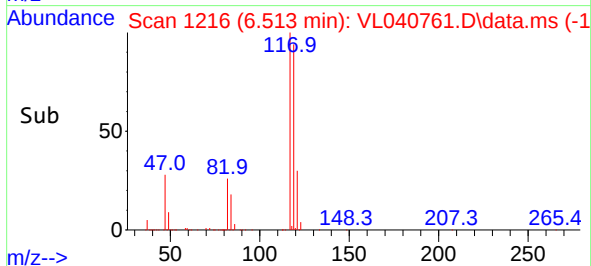
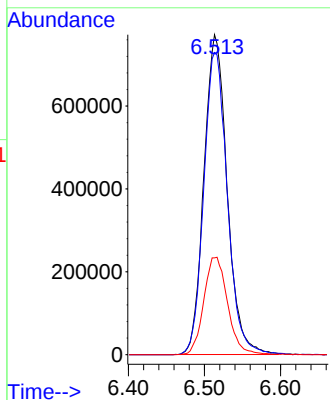
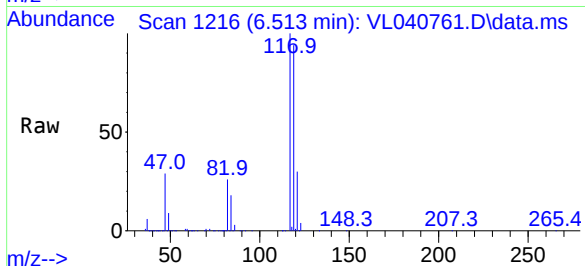




#35
Carbon Tetrachloride
Concen: 9.929 ppbv
RT: 6.513 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

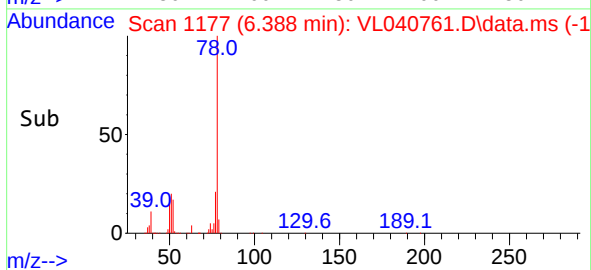
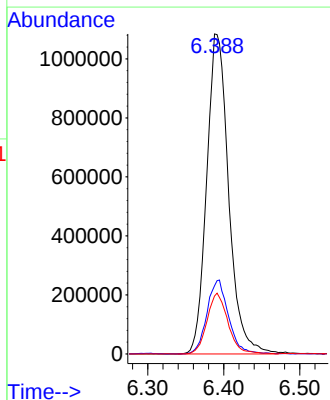
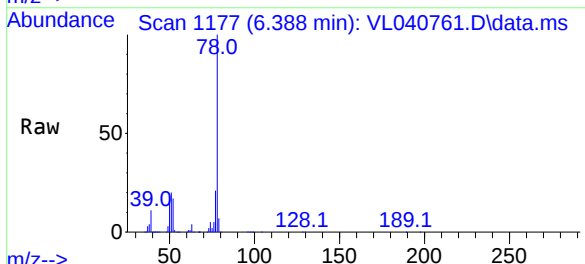
Instrument :
MSVOA_L
ClientSampleId :

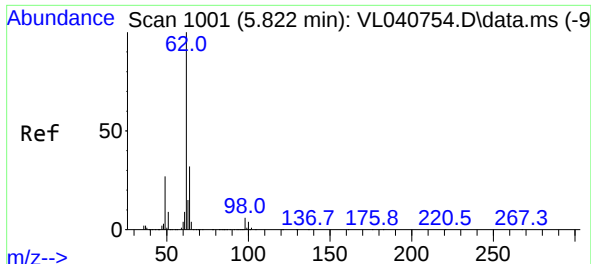
Tgt Ion:117 Resp: 1639275
Ion Ratio Lower Upper
117 100
119 94.4 79.4 119.0
121 30.2 25.0 37.4



#36
Benzene
Concen: 9.640 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 78 Resp: 2181147
Ion Ratio Lower Upper
78 100
77 21.2 18.4 27.6
50 18.1 15.0 22.4

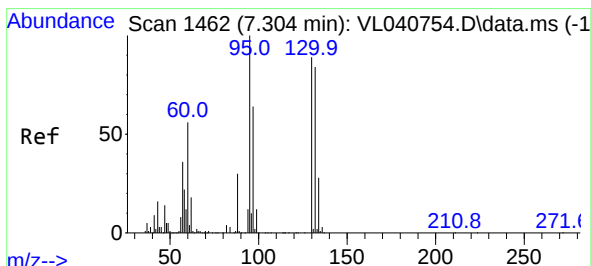
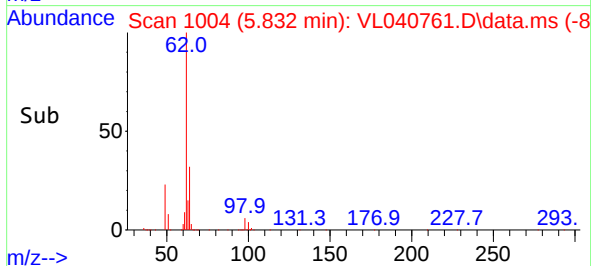
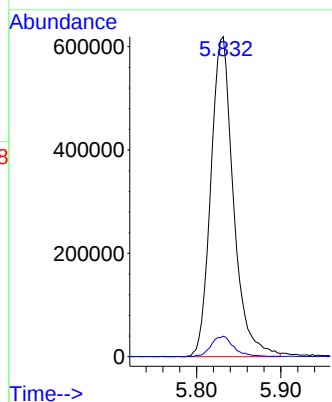
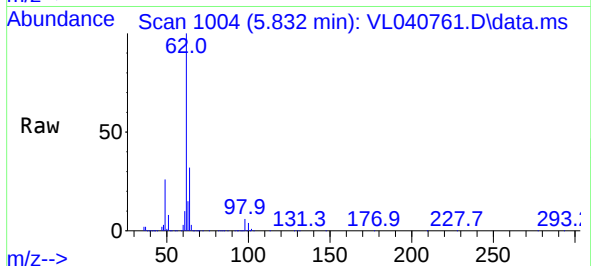




#37
1,2-Dichloroethane
Concen: 9.963 ppbv
RT: 5.832 min Scan# 1001
Delta R.T. 0.010 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

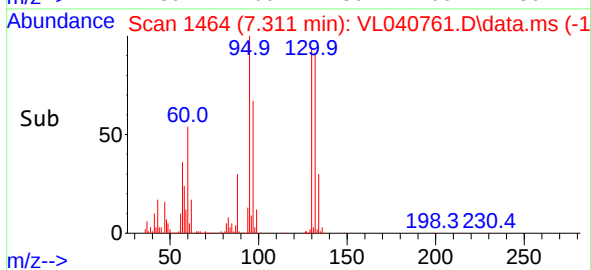
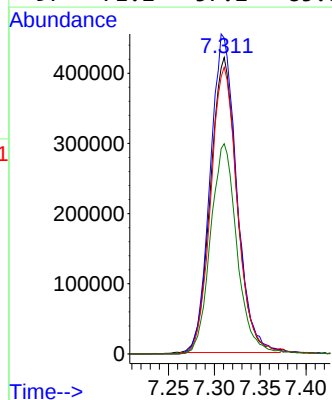
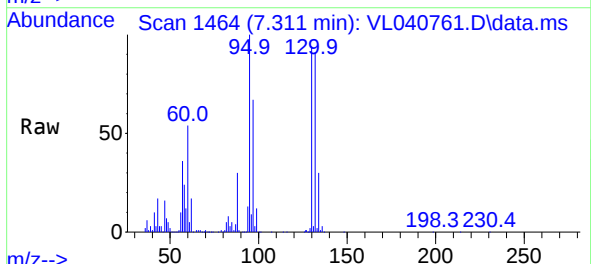
Instrument :
MSVOA_L
ClientSampleId :

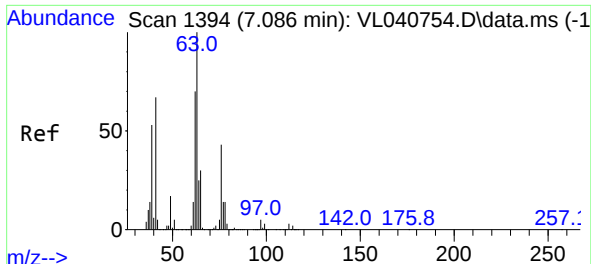
Tgt Ion: 62 Resp: 1154402
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0



#38
Trichloroethene
Concen: 8.437 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:130 Resp: 844754
Ion Ratio Lower Upper
130 100
95 107.0 89.4 134.2
132 97.1 74.8 112.2
97 71.2 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.530 ppbv

RT: 7.092 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :

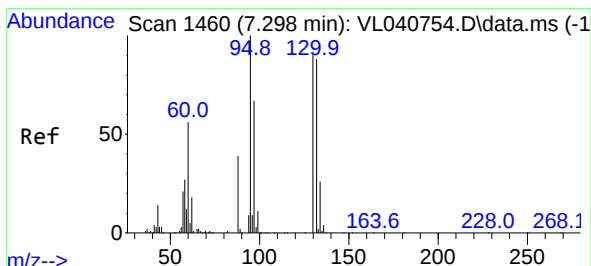
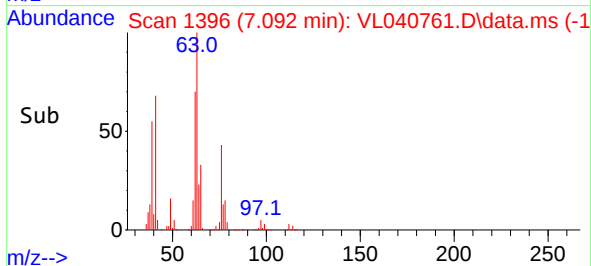
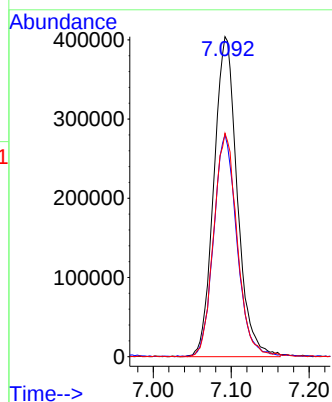
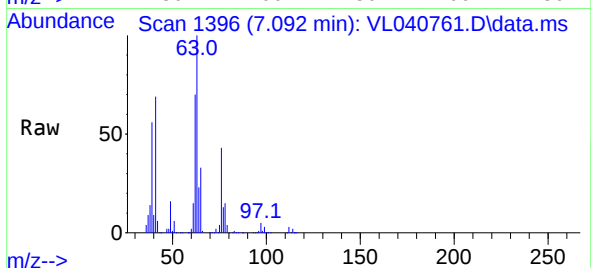
Tgt Ion: 63 Resp: 842344

Ion Ratio Lower Upper

63 100

41 69.3 53.7 80.5

62 69.8 55.7 83.5



#40

1,4-Dioxane

Concen: 10.567 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.003 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Tgt Ion: 88 Resp: 353468

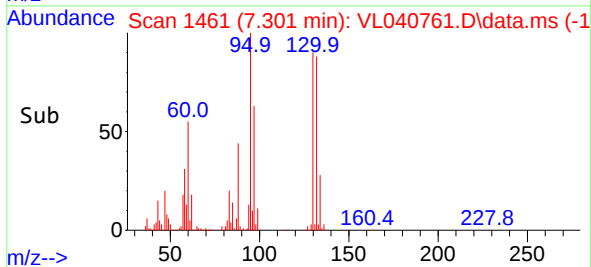
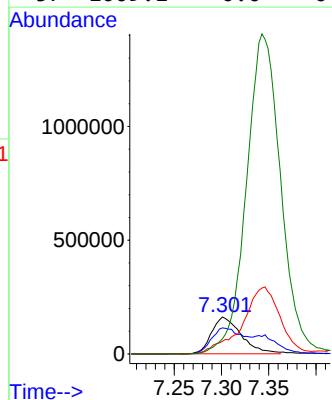
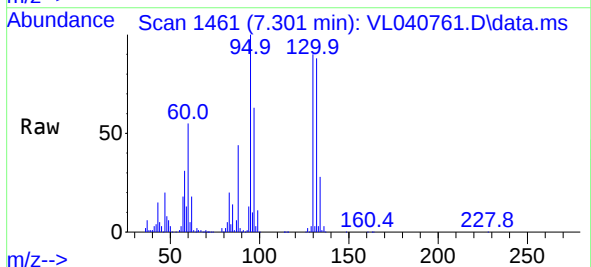
Ion Ratio Lower Upper

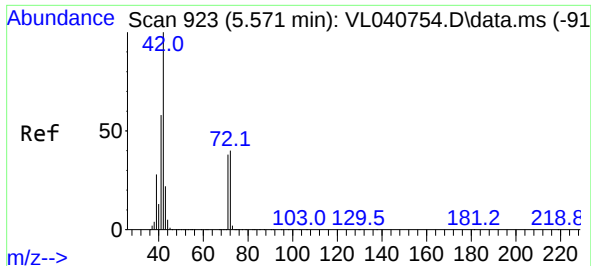
88 100

58 119.0 100.0 150.0

43 231.9 0.0 0.0#

57 1009.1 0.0 0.0#

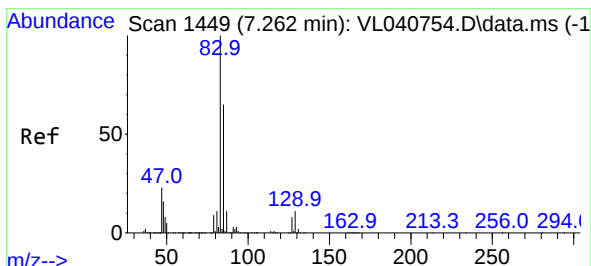
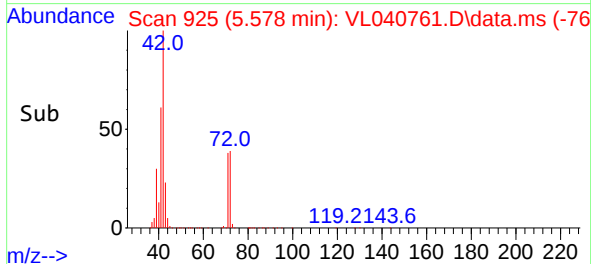
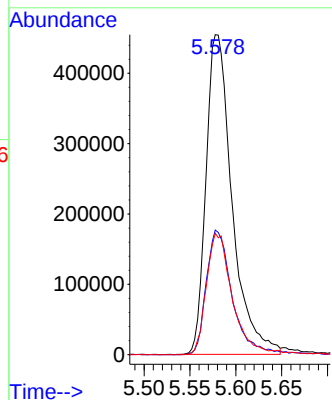
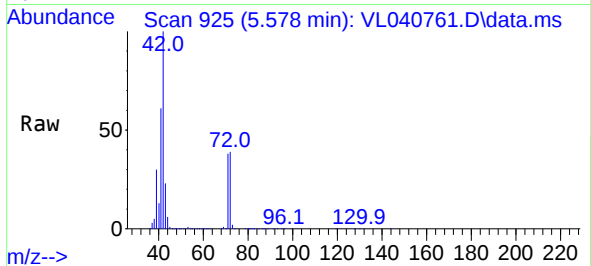




#41
Tetrahydrofuran
Concen: 9.747 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

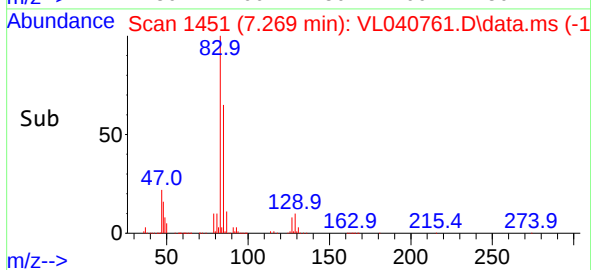
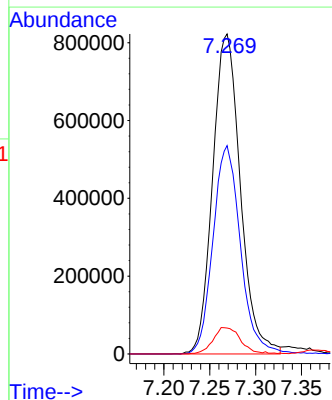
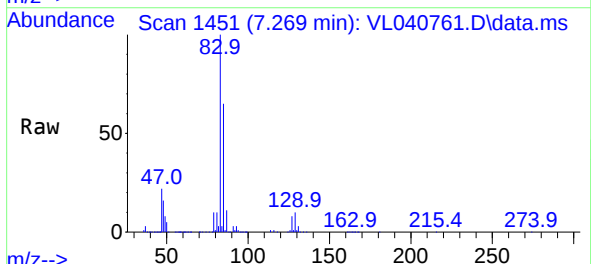
Instrument :
MSVOA_L
ClientSampleId :

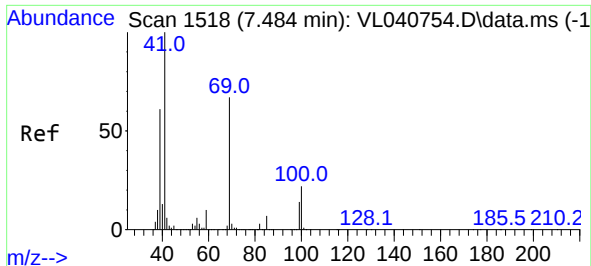
Tgt Ion: 42 Resp: 898673
Ion Ratio Lower Upper
42 100
72 39.6 31.1 46.7
71 38.7 29.7 44.5



#42
Bromodichloromethane
Concen: 9.954 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 83 Resp: 1727848
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.1 6.7 10.1

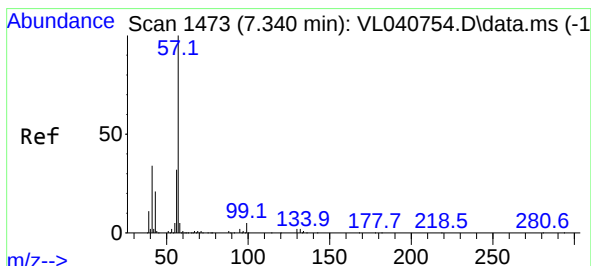
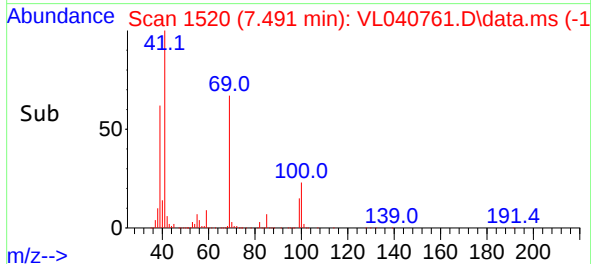
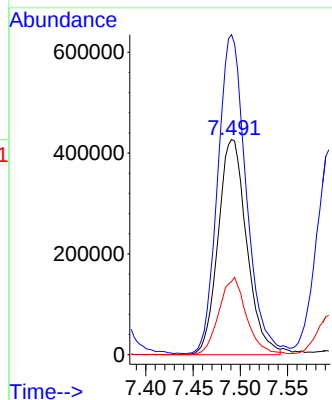
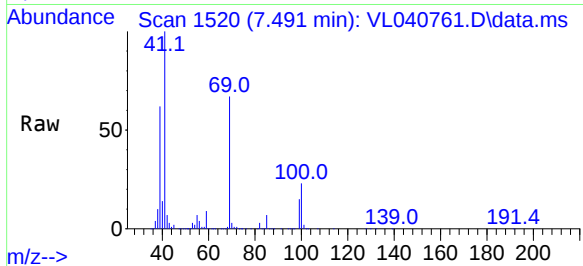




#43
Methyl Methacrylate
Concen: 9.893 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

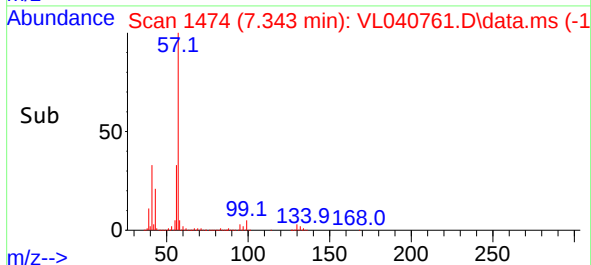
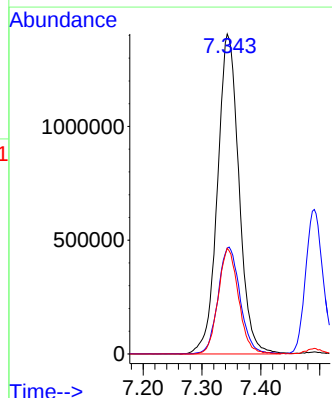
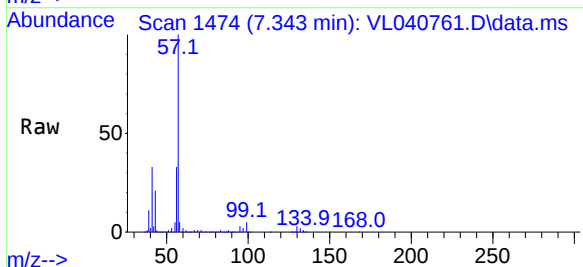
Instrument :
MSVOA_L
ClientSampleId :

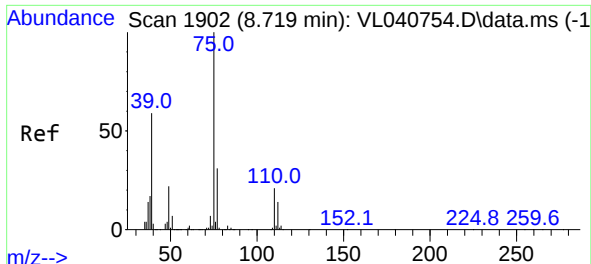
Tgt Ion: 69 Resp: 895957
Ion Ratio Lower Upper
69 100
41 148.8 120.6 181.0
100 34.7 27.1 40.7



#44
2,2,4-Trimethylpentane
Concen: 9.310 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 57 Resp: 3562095
Ion Ratio Lower Upper
57 100
41 34.2 27.4 41.0
56 31.4 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 9.182 ppbv

RT: 8.725 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

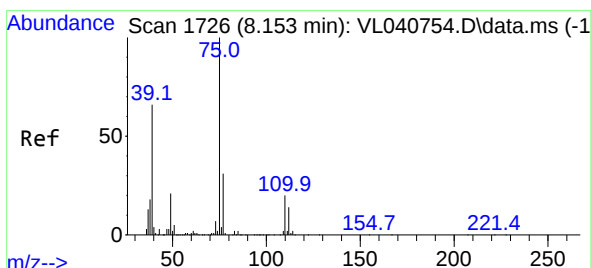
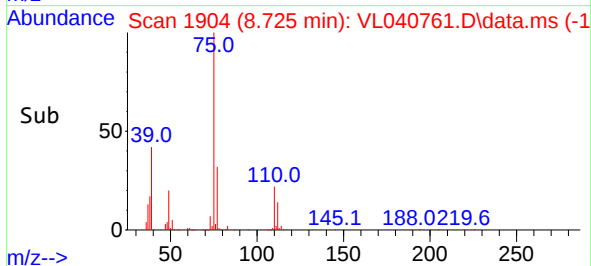
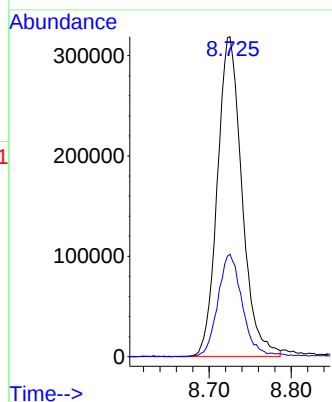
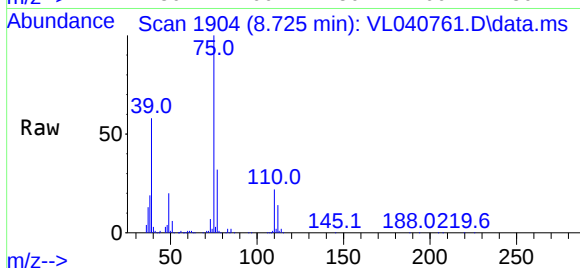
ClientSampleId :

Tgt Ion: 75 Resp: 663097

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#46

cis-1,3-Dichloropropene

Concen: 8.823 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

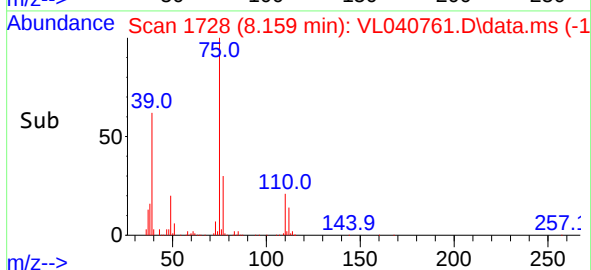
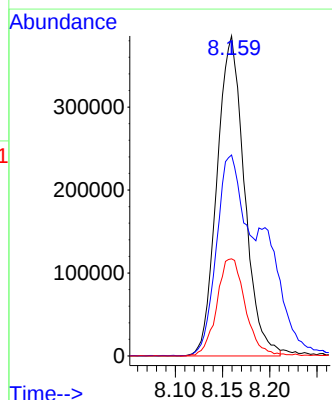
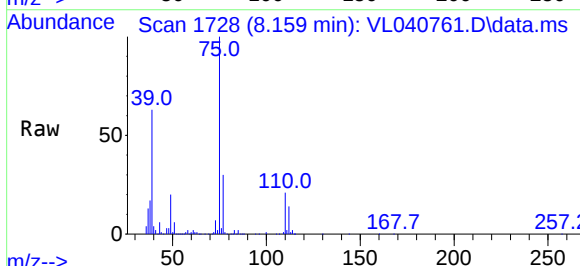
Tgt Ion: 75 Resp: 778441

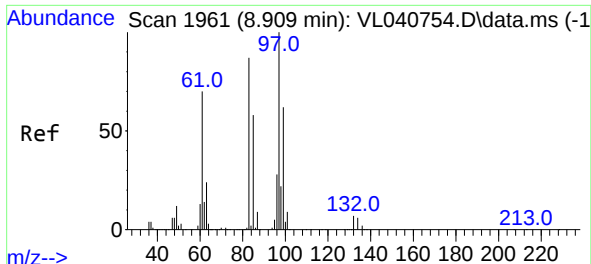
Ion Ratio Lower Upper

75 100

39 62.7 52.4 78.6

77 30.3 25.1 37.7



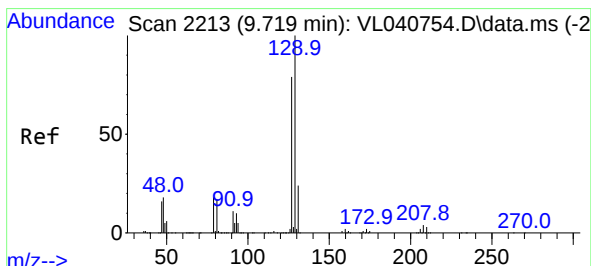
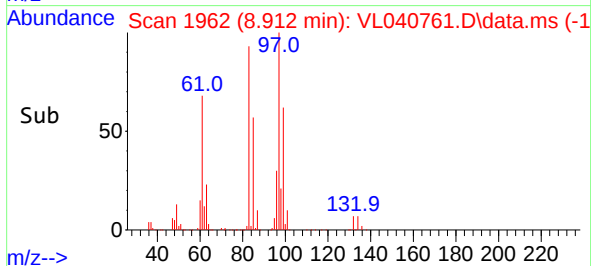
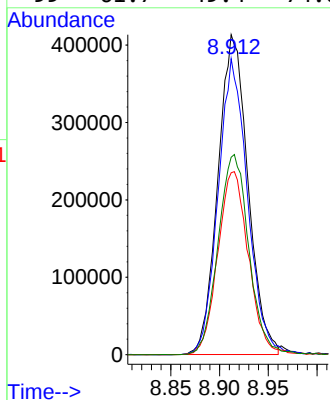
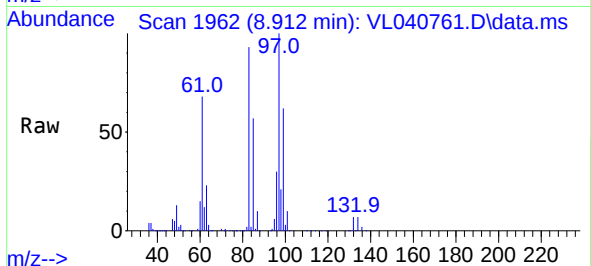


#47
1,1,2-Trichloroethane
Concen: 9.538 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 885595

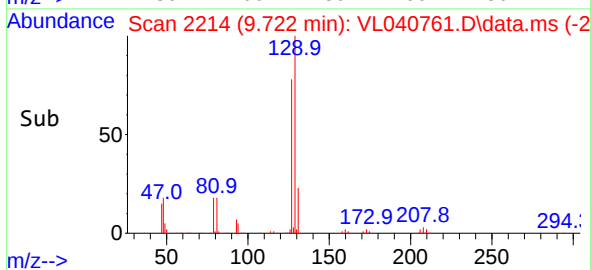
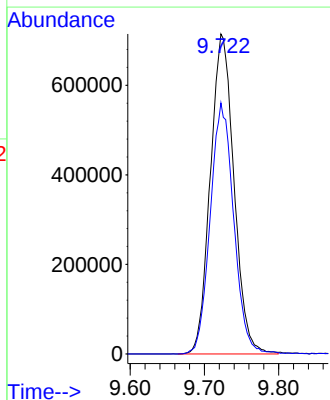
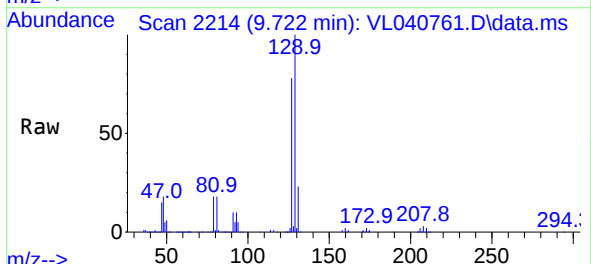
Ion	Ratio	Lower	Upper
97	100		
83	92.5	69.5	104.3
85	56.8	46.6	69.8
99	61.7	49.4	74.0

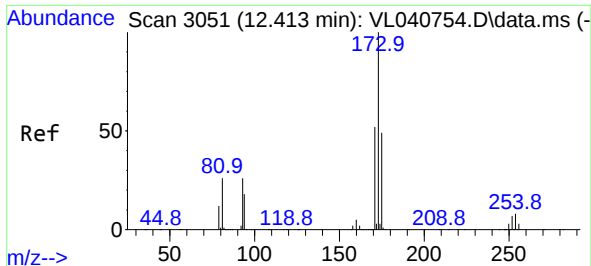


#48
Dibromochloromethane
Concen: 10.156 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 129 Resp: 1580287

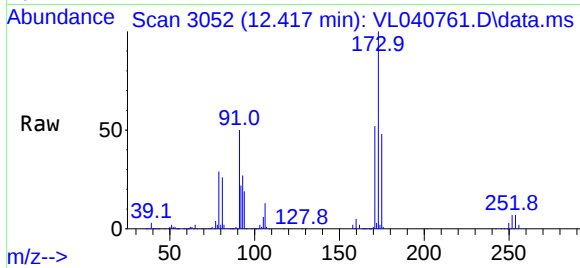
Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.3



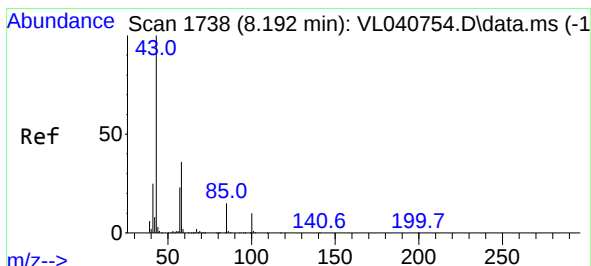
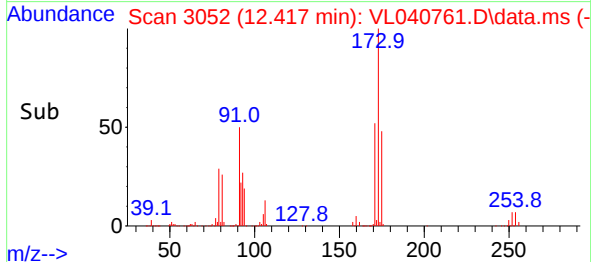
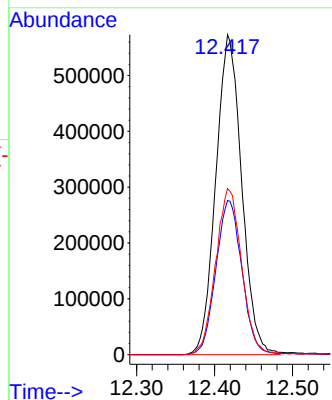


#49
Bromoform
Concen: 10.449 ppbv
RT: 12.417 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument :
MSVOA_L
ClientSampleId :

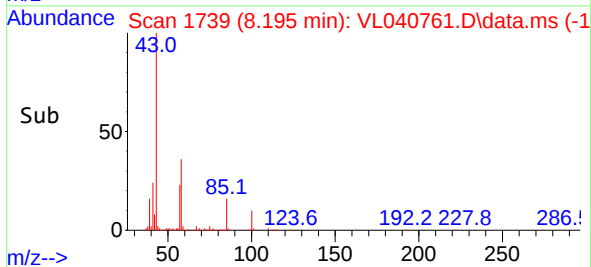
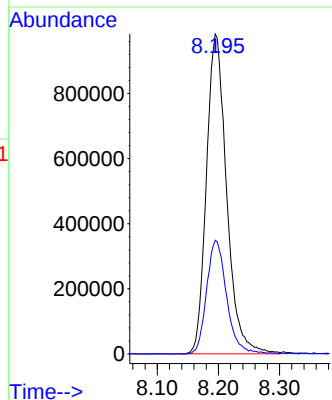
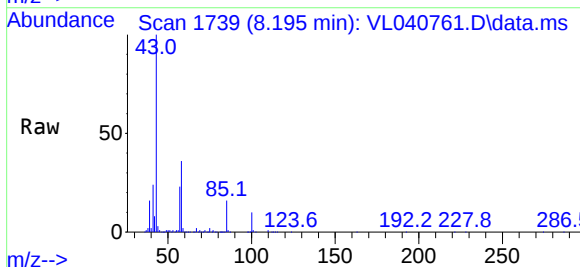


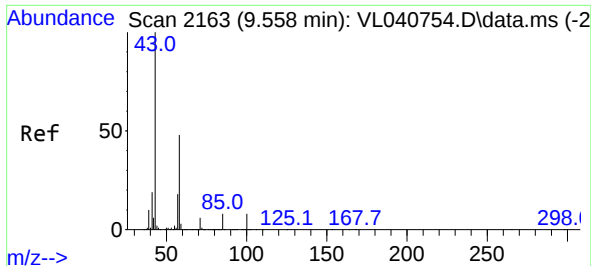
Tgt Ion:173 Resp: 1321649
Ion Ratio Lower Upper
173 100
175 48.8 39.2 58.8
171 52.3 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 9.901 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 43 Resp: 2255211
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2

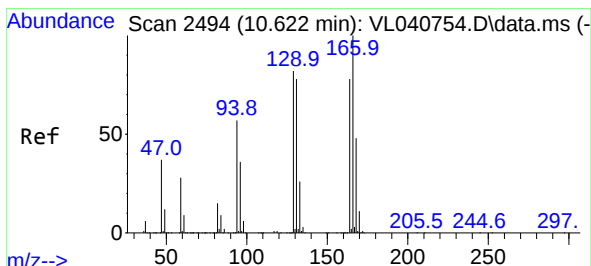
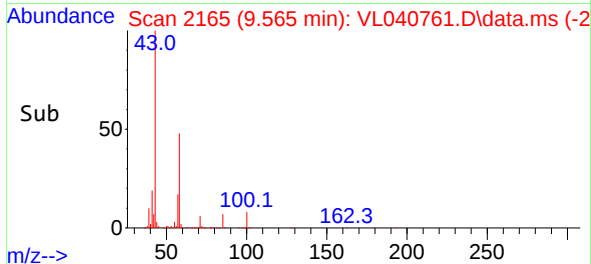
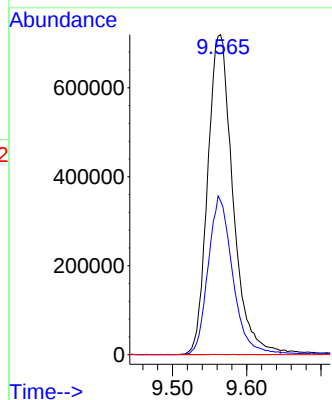
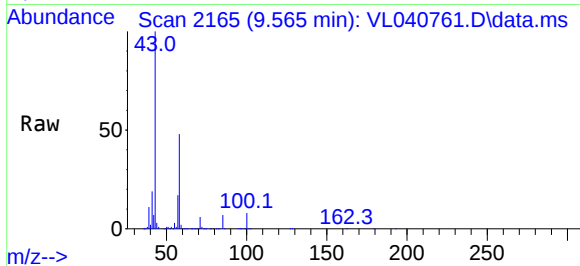




#51
2-Hexanone
Concen: 9.775 ppbv
RT: 9.565 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

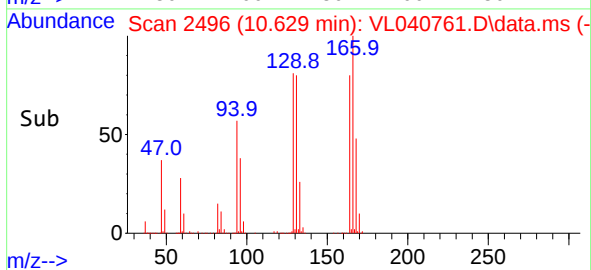
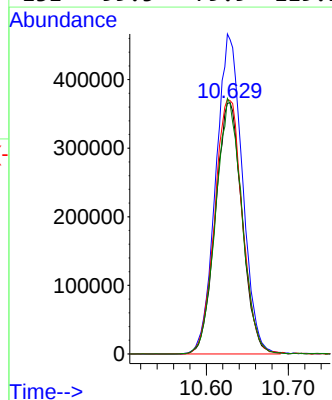
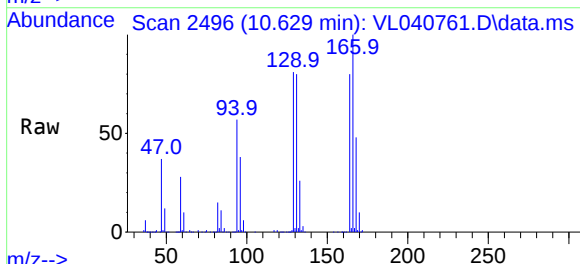
Instrument :
MSVOA_L
ClientSampleId :

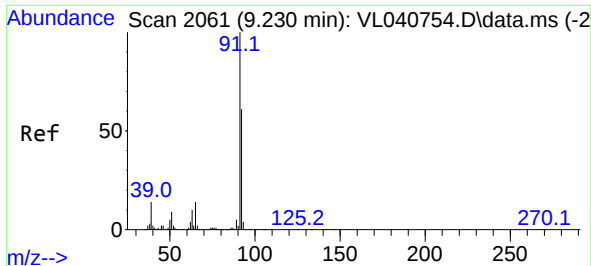
Tgt Ion: 43 Resp: 1694470
Ion Ratio Lower Upper
43 100
58 48.7 38.6 58.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.000 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:164 Resp: 827075
Ion Ratio Lower Upper
164 100
166 125.0 102.4 153.6
129 100.7 84.2 126.4
131 99.5 79.9 119.9

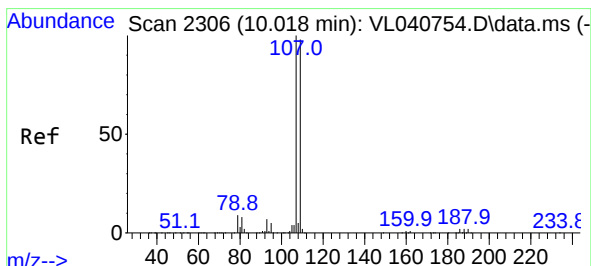
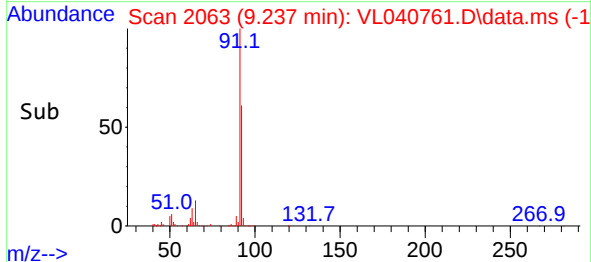
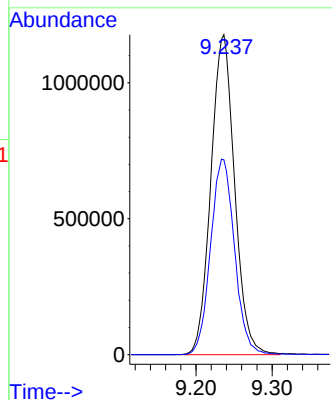
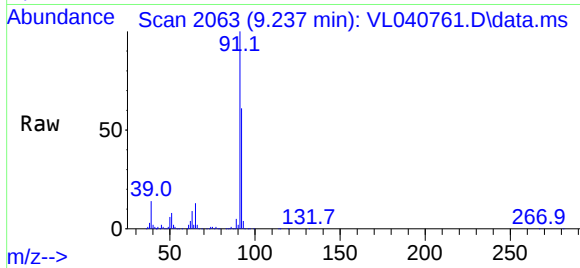




#53
Toluene
Concen: 9.465 ppbv
RT: 9.237 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

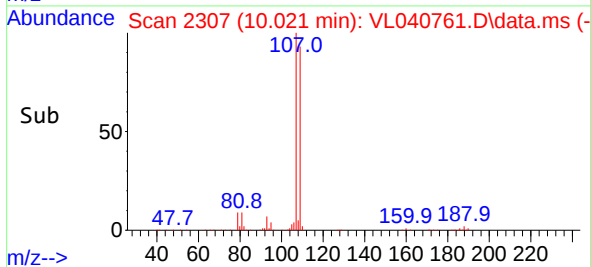
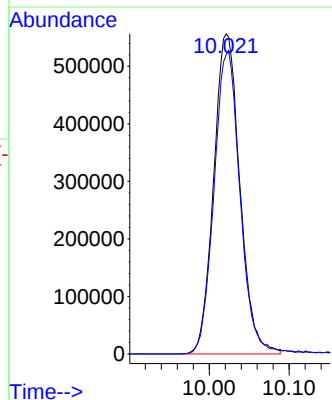
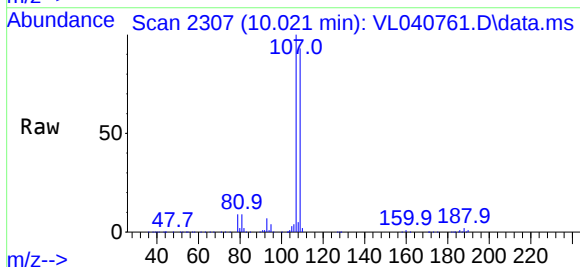
Instrument :
MSVOA_L
ClientSampleId :

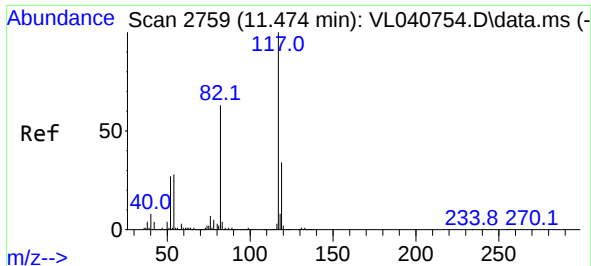
Tgt Ion: 91 Resp: 2548669
Ion Ratio Lower Upper
91 100
92 62.0 50.2 75.2



#54
1,2-Dibromoethane
Concen: 9.709 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 107 Resp: 1263716
Ion Ratio Lower Upper
107 100
109 93.5 78.2 117.2

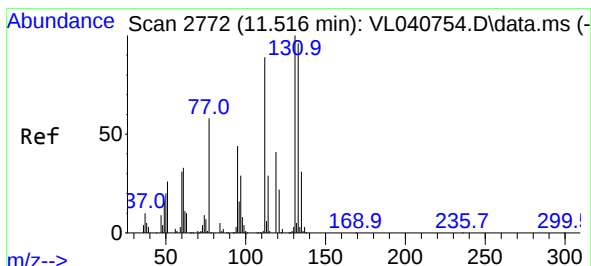
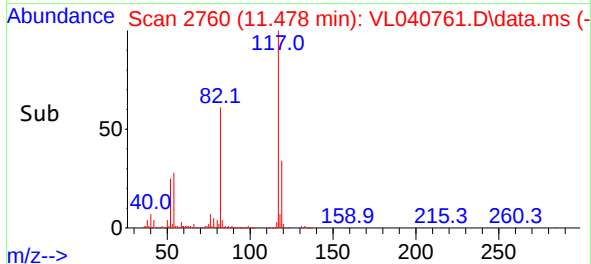
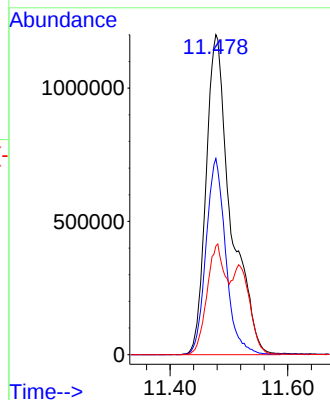
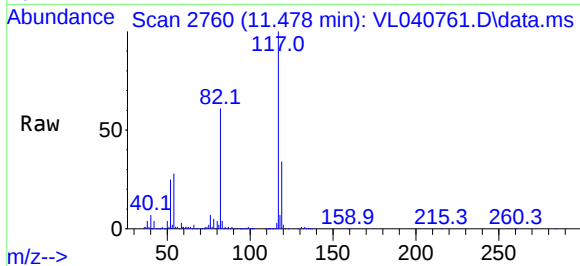




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

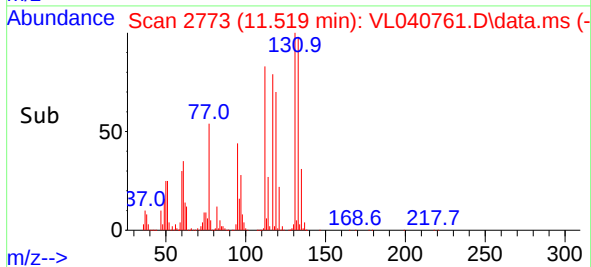
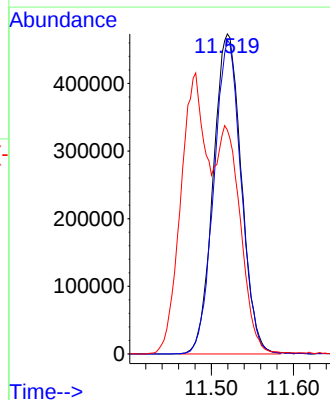
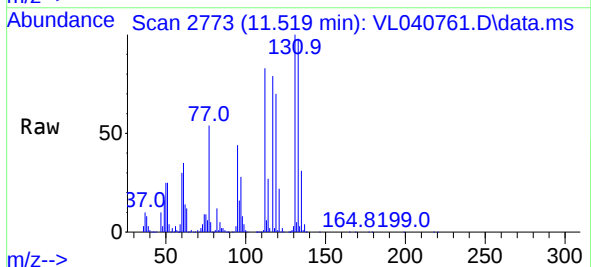
Instrument :
MSVOA_L
ClientSampleId :

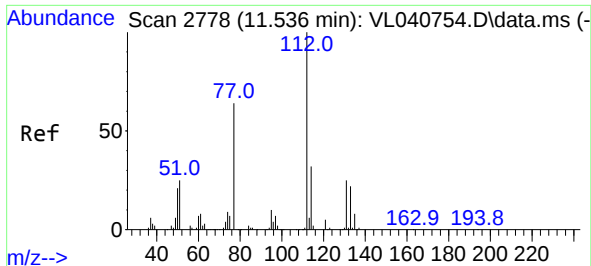
Tgt Ion:117 Resp: 3501994
Ion Ratio Lower Upper
117 100
82 49.5 46.6 70.0
119 29.3 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 7.858 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:131 Resp: 1123036
Ion Ratio Lower Upper
131 100
133 95.8 75.0 112.6
119 64.1 45.4 68.0

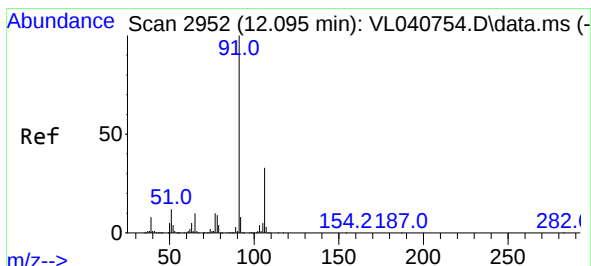
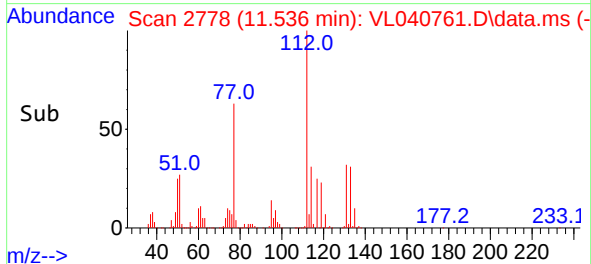
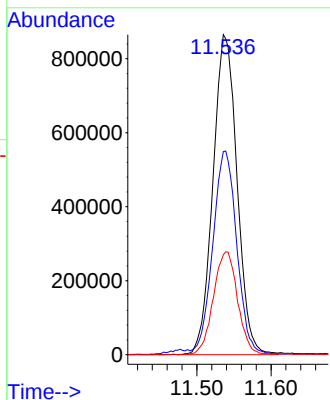
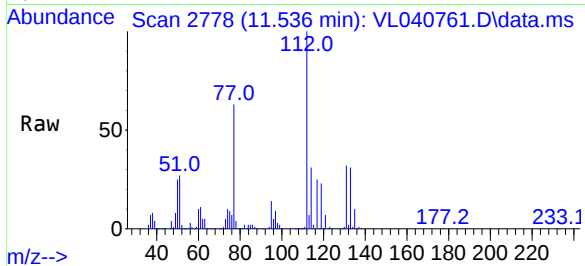




#57
Chlorobenzene
Concen: 7.774 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

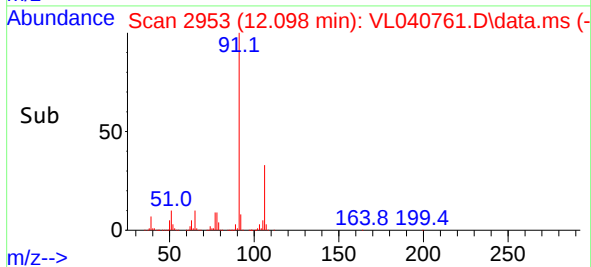
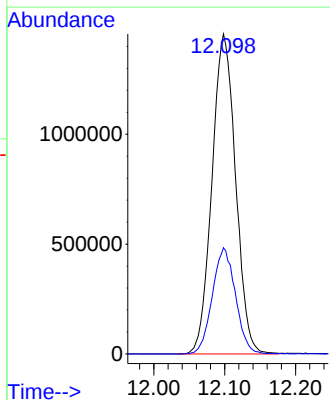
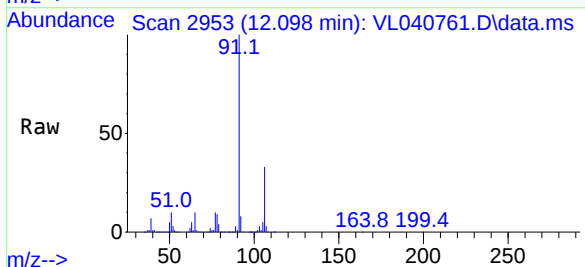
Instrument :
MSVOA_L
ClientSampleId :

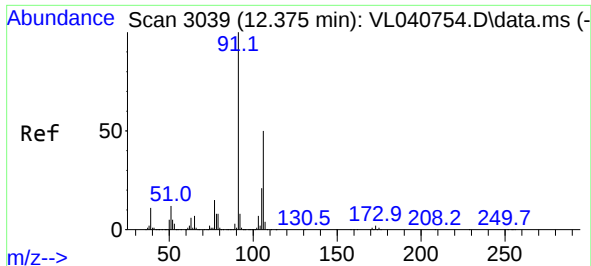
Tgt Ion:112 Resp: 1950604
Ion Ratio Lower Upper
112 100
77 63.1 51.9 77.9
114 31.2 28.6 35.0



#58
Ethyl Benzene
Concen: 7.652 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 91 Resp: 3373967
Ion Ratio Lower Upper
91 100
106 33.2 26.7 40.1





#59

m/p-Xylene

Concen: 8.652 ppbv

RT: 12.381 min Scan# 3039

Delta R.T. 0.006 min

Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

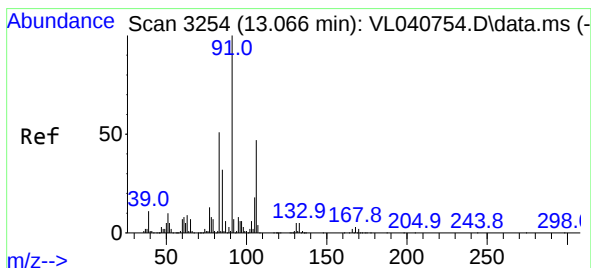
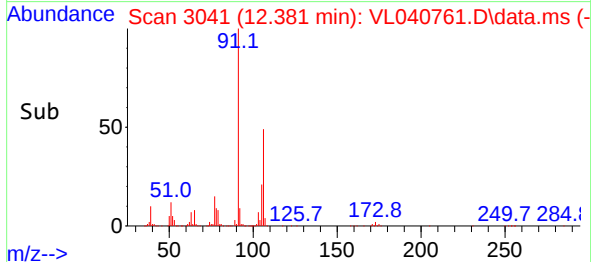
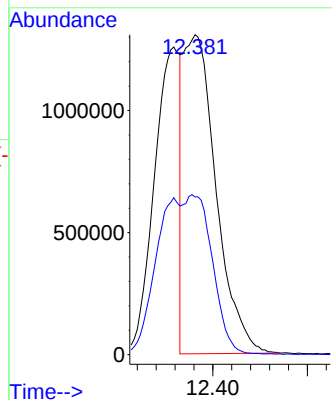
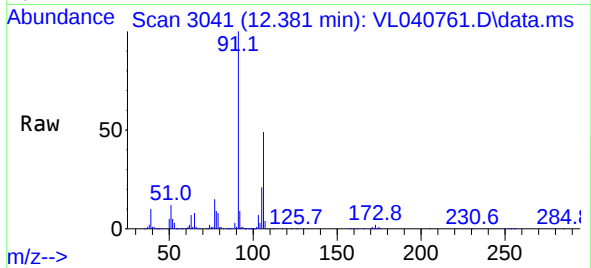
ClientSampleId :

Tgt Ion: 91 Resp: 3139901

Ion Ratio Lower Upper

91 100

106 83.2 37.7 56.5#



#60

o-Xylene

Concen: 7.576 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.006 min

Lab File: VL040761.D

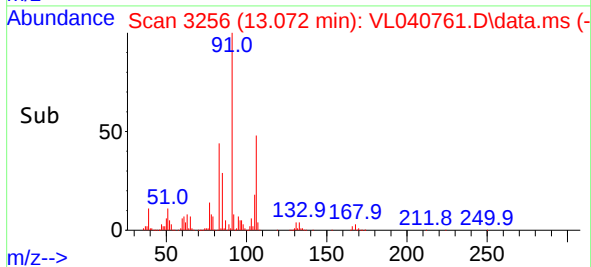
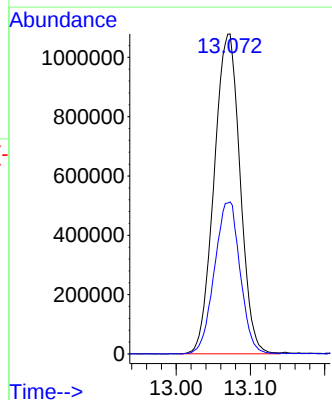
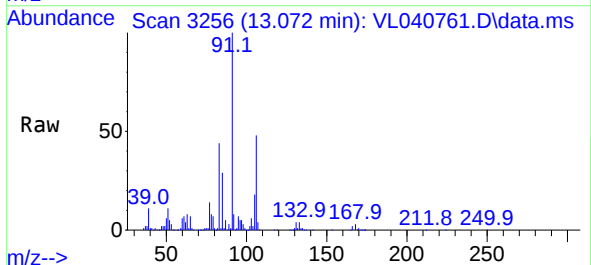
Acq: 11 Oct 2023 16:45

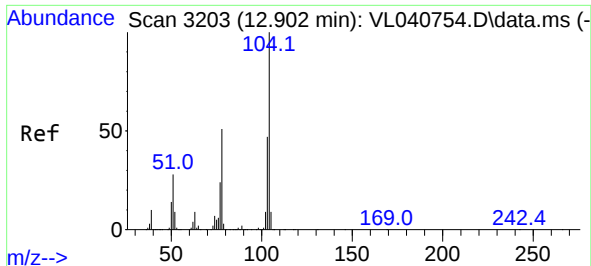
Tgt Ion: 91 Resp: 2619599

Ion Ratio Lower Upper

91 100

106 47.2 23.5 70.5

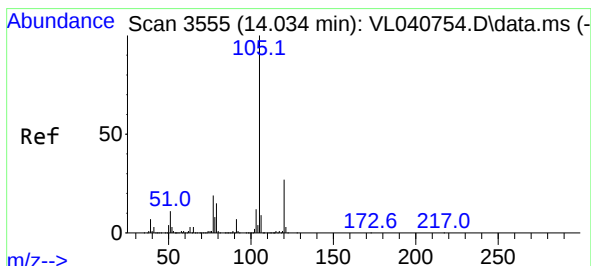
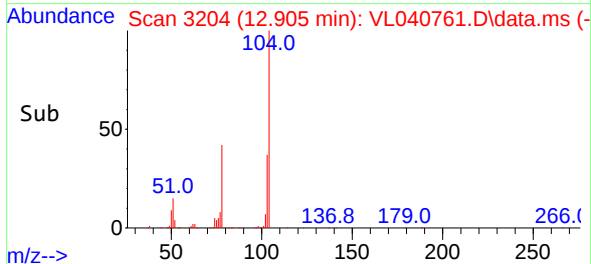
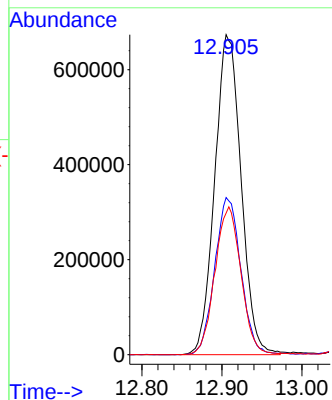
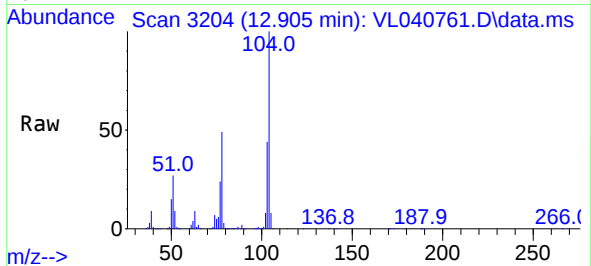




#61
Styrene
Concen: 8.046 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

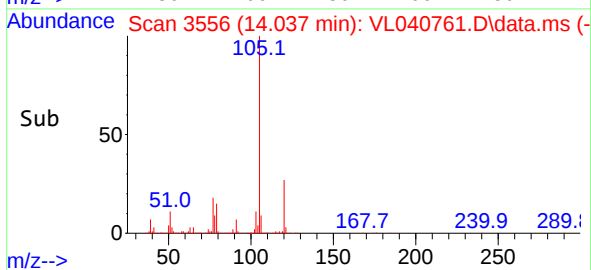
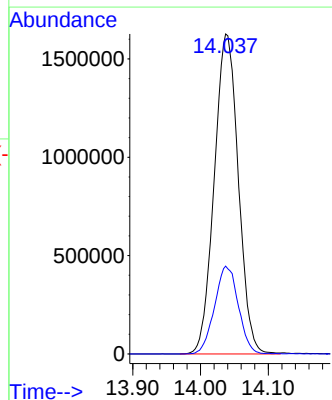
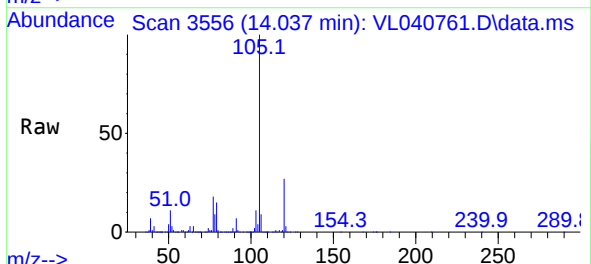
Instrument :
MSVOA_L
ClientSampleId :

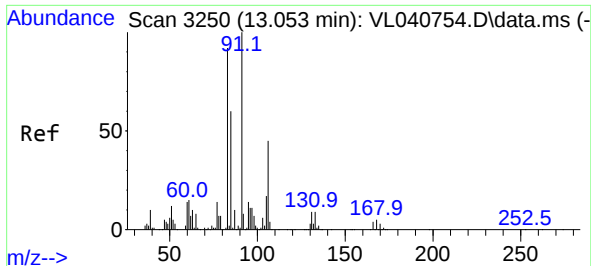
Tgt Ion:104 Resp: 1541469
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 46.1 37.5 56.3



#62
Isopropylbenzene
Concen: 7.537 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:105 Resp: 4009173
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3

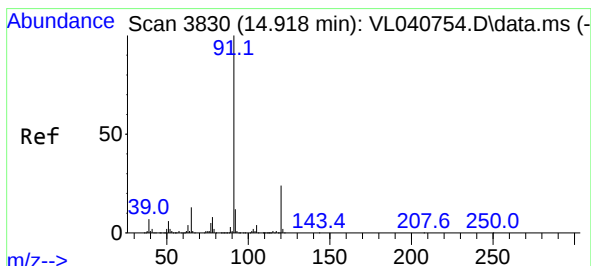
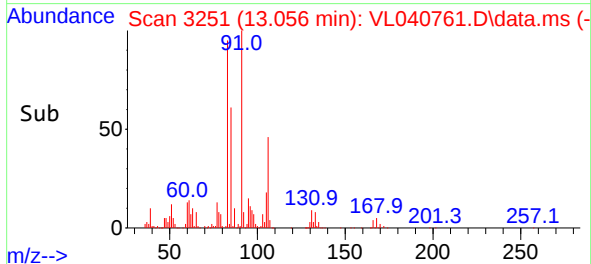
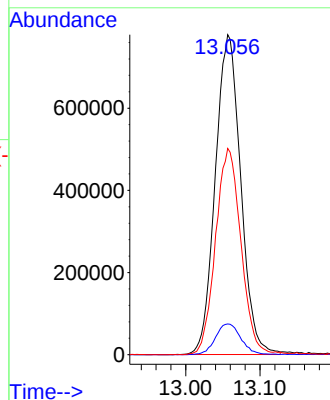
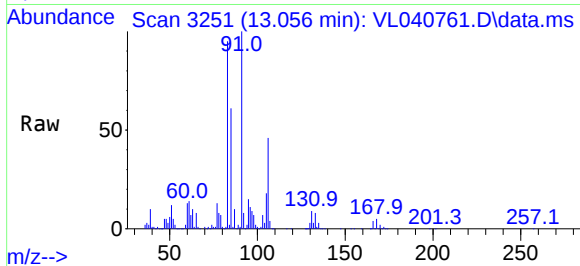




#63
1,1,2,2-Tetrachloroethane
Concen: 7.146 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

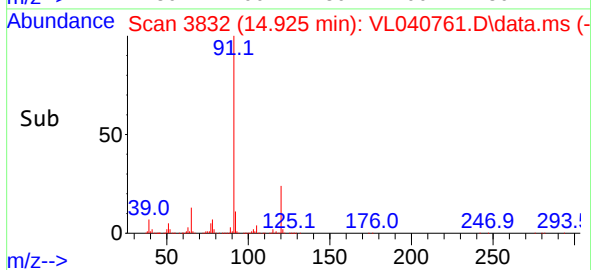
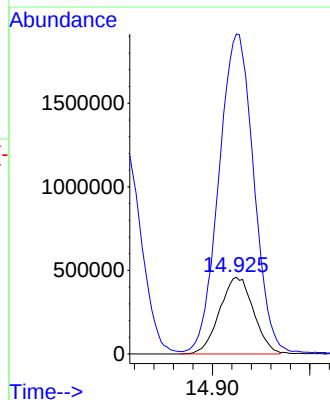
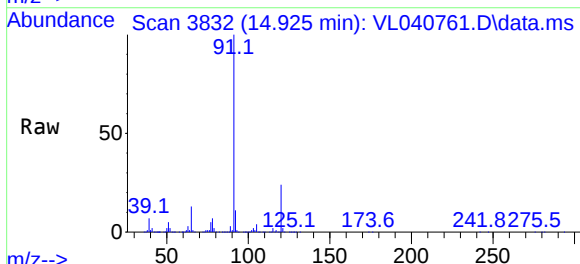
Instrument :
MSVOA_L
ClientSampleId :

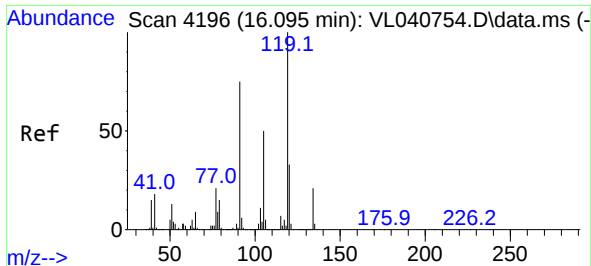
Tgt Ion: 83 Resp: 1852551
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.2 32.9 98.7



#64
n-propylbenzene
Concen: 7.754 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:120 Resp: 1108047
Ion Ratio Lower Upper
120 100
91 433.5 345.9 518.9

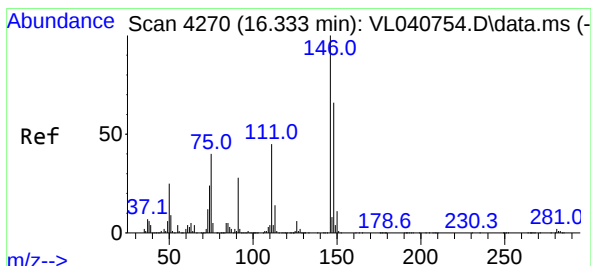
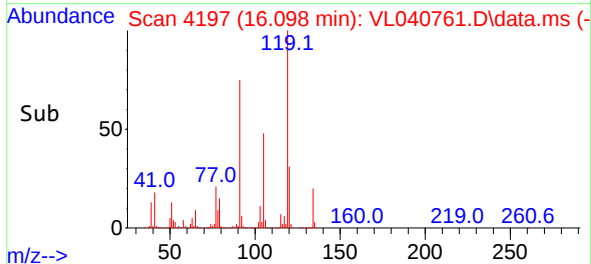
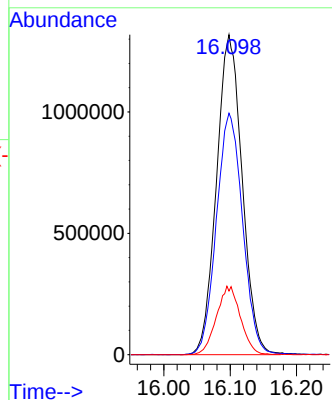
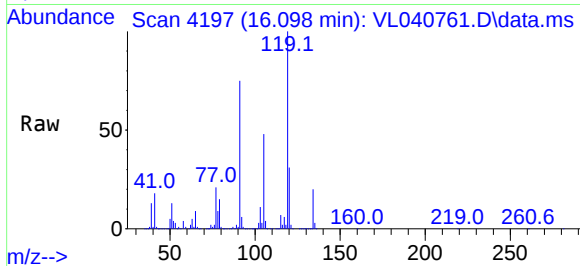




#65
tert-Butylbenzene
Concen: 7.381 ppbv
RT: 16.098 min Scan# 4196
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

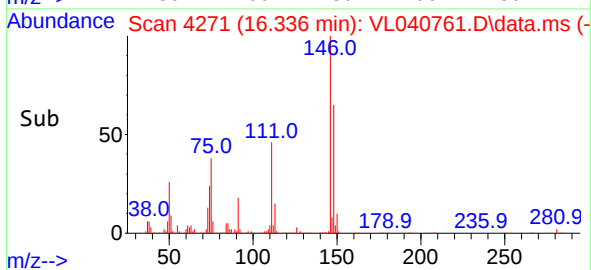
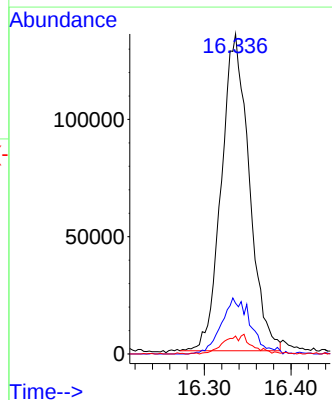
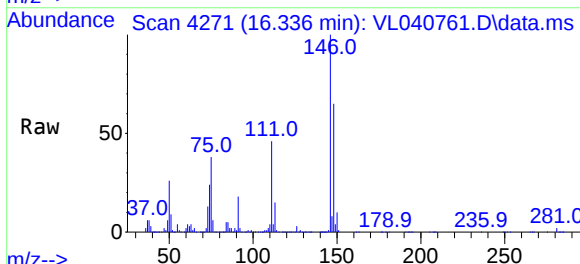
Instrument :
MSVOA_L
ClientSampleId :

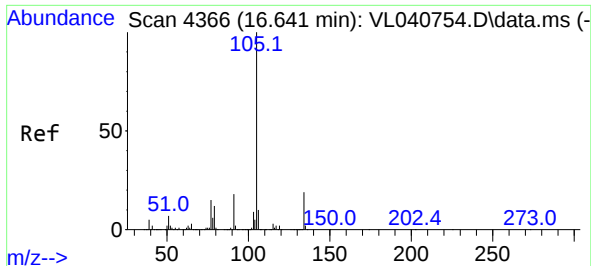
Tgt Ion:119 Resp: 3541064
Ion Ratio Lower Upper
119 100
91 77.1 62.2 93.2
134 20.1 16.1 24.1



#66
Benzyl Chloride
Concen: 6.224 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 91 Resp: 300841
Ion Ratio Lower Upper
91 100
126 19.1 16.1 24.1
128 6.3 5.2 7.8

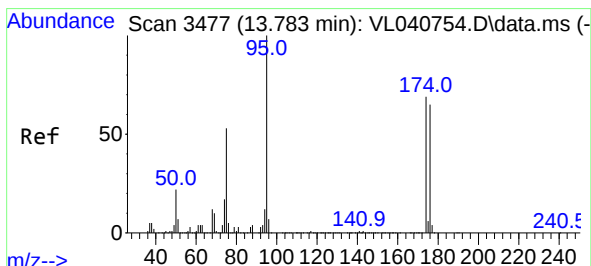
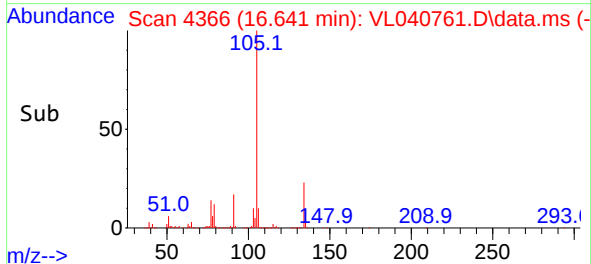
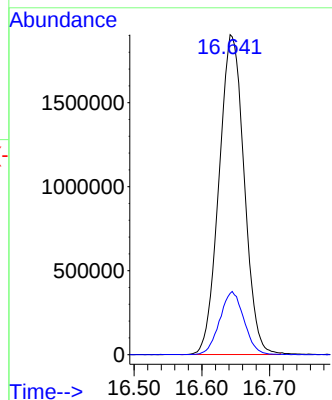
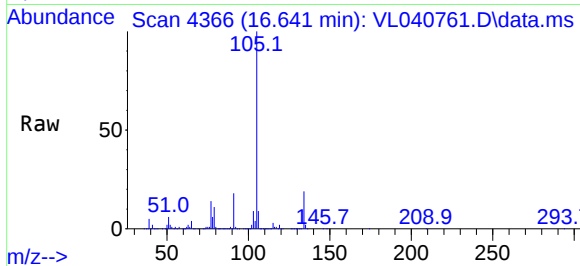




#67
sec-Butylbenzene
Concen: 7.469 ppbv
RT: 16.641 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

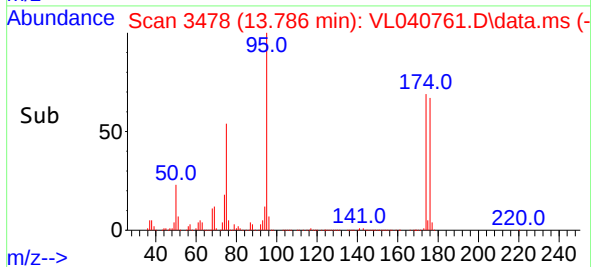
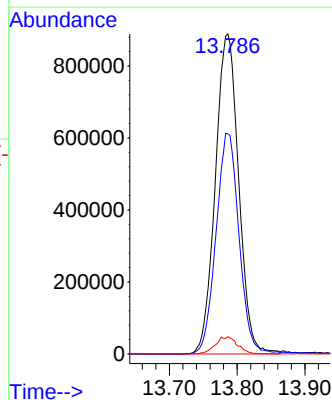
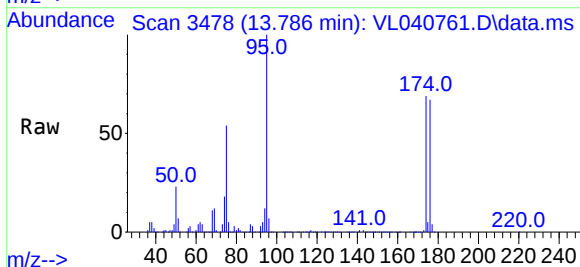
Instrument :
MSVOA_L
ClientSampleId :

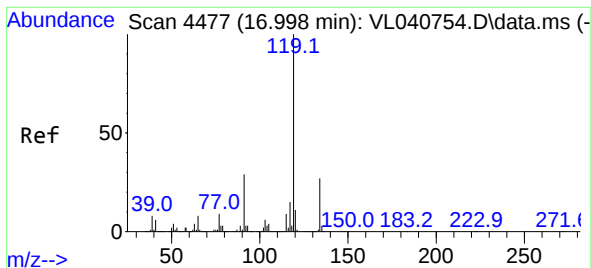
Tgt Ion:105 Resp: 4906427
Ion Ratio Lower Upper
105 100
134 19.1 15.4 23.2



#68
1-Bromo-4-Fluorobenzene
Concen: 8.247 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 95 Resp: 2125235
Ion Ratio Lower Upper
95 100
174 68.6 54.7 82.1
175 5.2 4.2 6.4

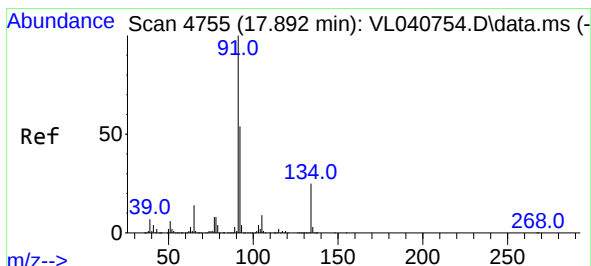
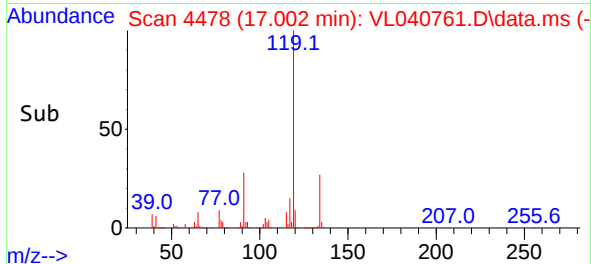
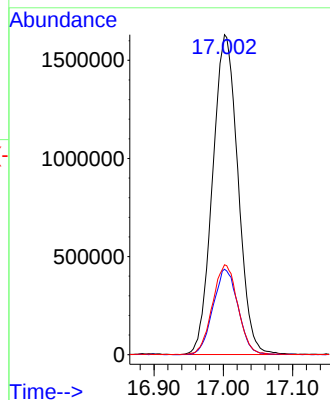
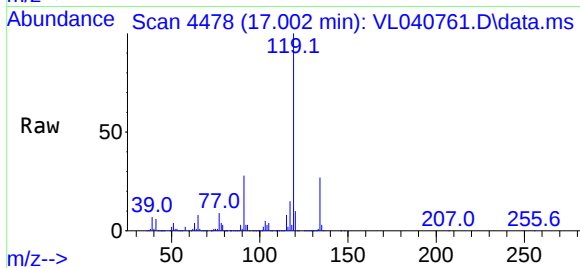




#69
p-Isopropyltoluene
Concen: 7.531 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

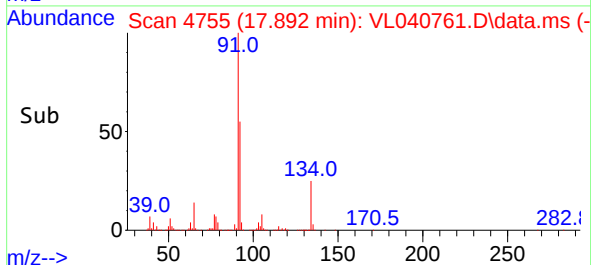
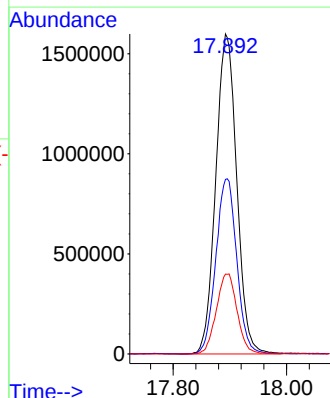
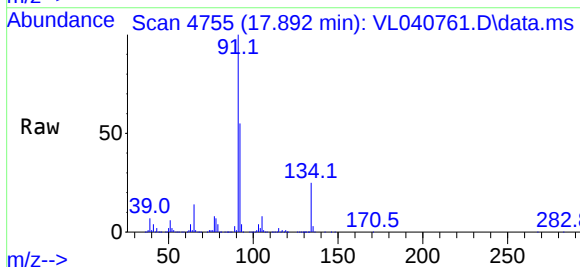
Instrument :
MSVOA_L
ClientSampleId :

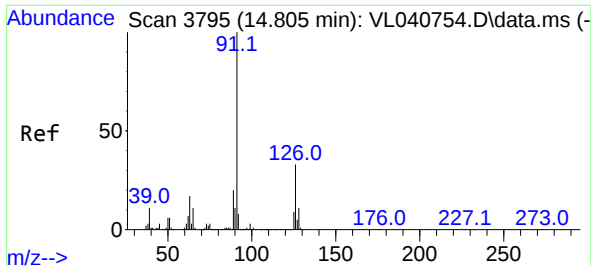
Tgt Ion:119 Resp: 4145117
Ion Ratio Lower Upper
119 100
134 26.4 21.0 31.4
91 28.1 22.8 34.2



#70
n-Butylbenzene
Concen: 7.606 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion: 91 Resp: 4111100
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 24.9 19.5 29.3

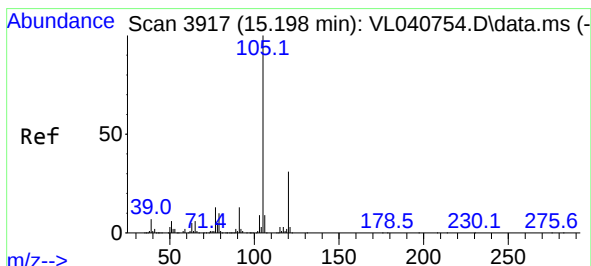
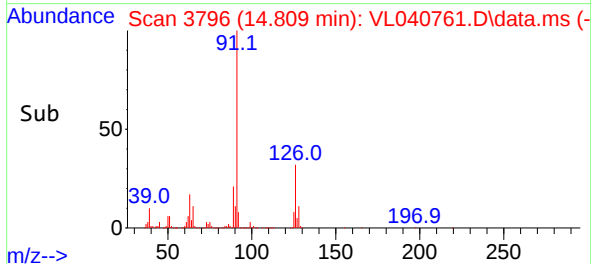
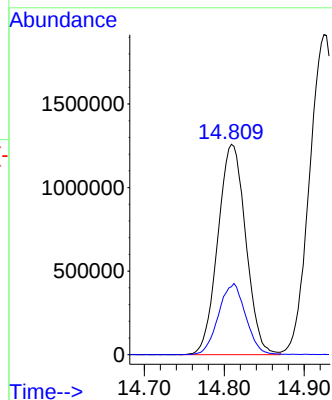
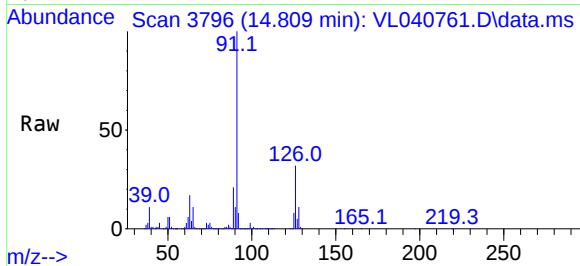




#71
2-Chlorotoluene
Concen: 7.633 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

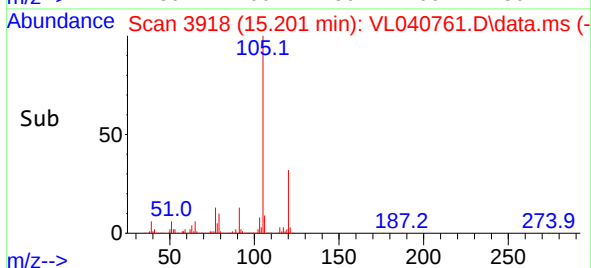
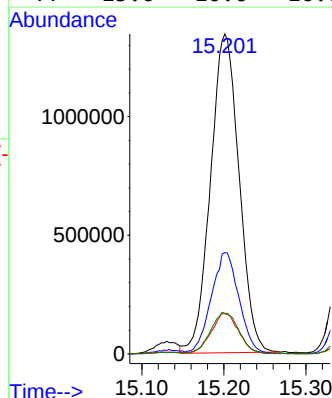
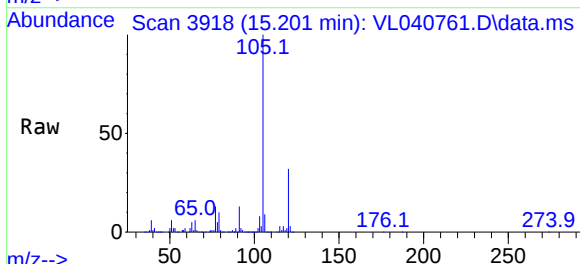
Instrument :
MSVOA_L
ClientSampleId :

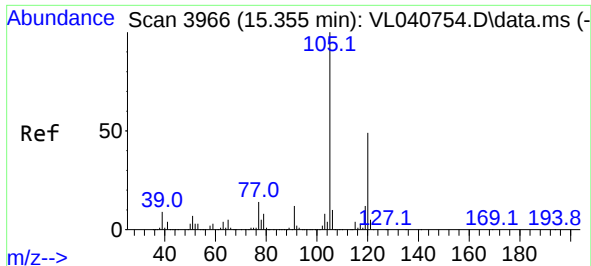
Tgt Ion: 91 Resp: 3050025
Ion Ratio Lower Upper
91 100
126 33.0 13.3 53.1



#72
4-Ethyltoluene
Concen: 8.033 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:105 Resp: 3252920
Ion Ratio Lower Upper
105 100
120 31.3 25.0 37.4
91 13.1 9.8 14.8
77 13.6 10.6 16.0

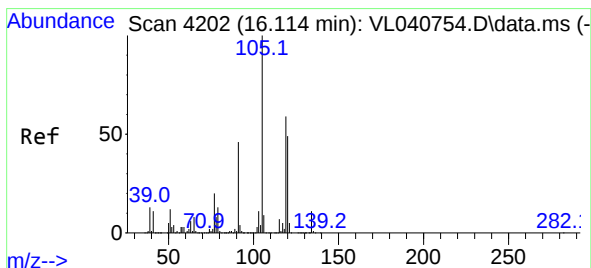
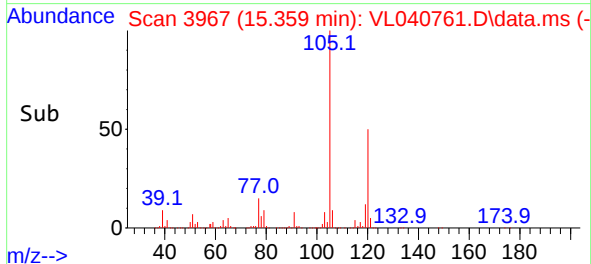
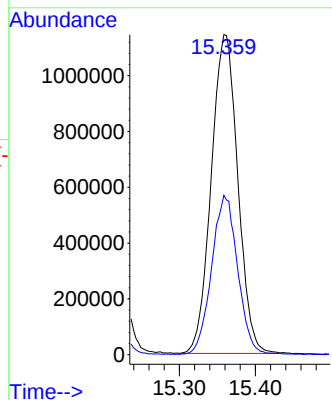
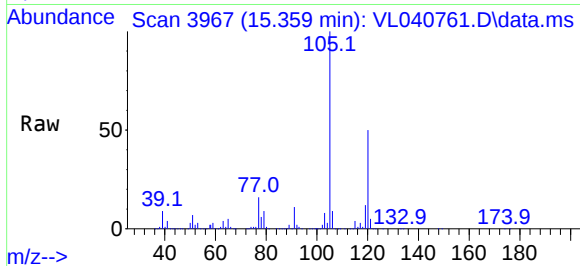




#73
1,3,5-Trimethylbenzene
Concen: 7.781 ppbv
RT: 15.359 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

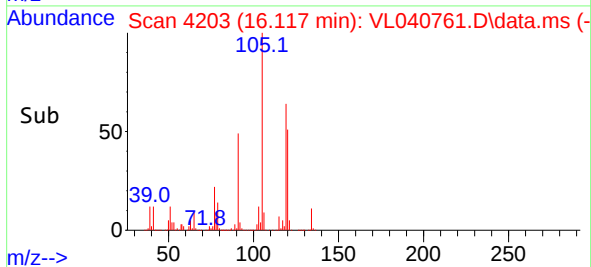
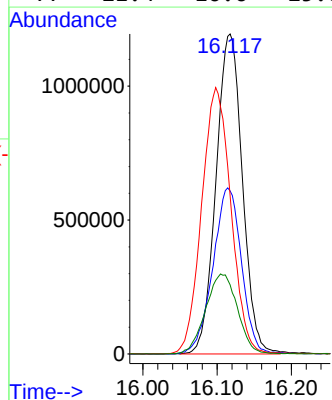
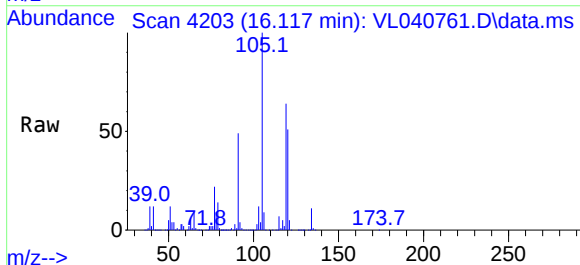
Instrument :
MSVOA_L
ClientSampleId :

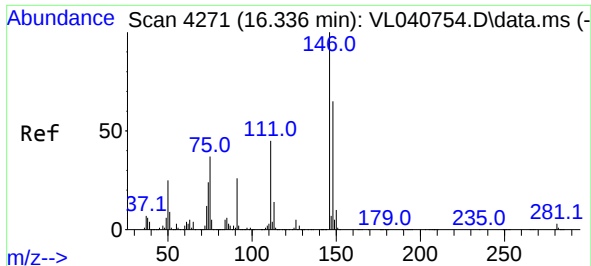
Tgt Ion:105 Resp: 2774146
Ion Ratio Lower Upper
105 100
120 49.9 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 7.579 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:105 Resp: 2952224
Ion Ratio Lower Upper
105 100
120 50.8 39.4 59.2
91 49.2 38.6 58.0
77 21.4 16.6 25.0

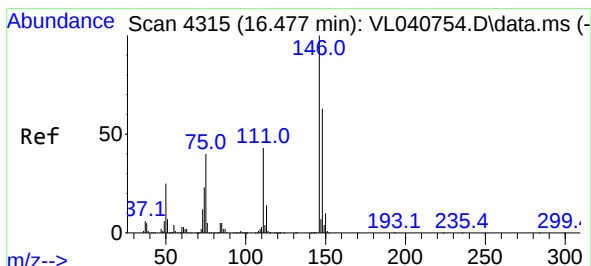
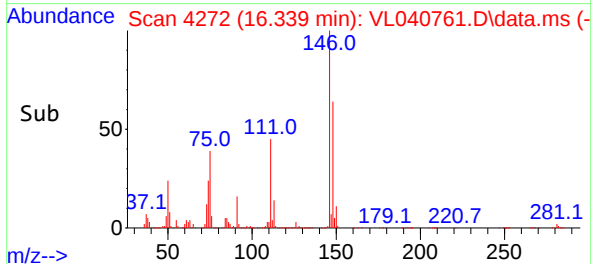
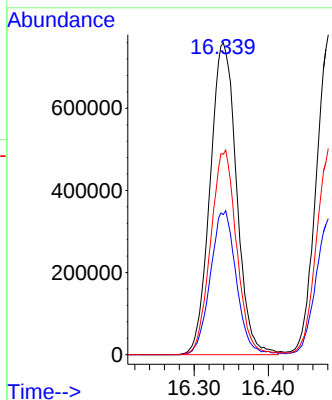
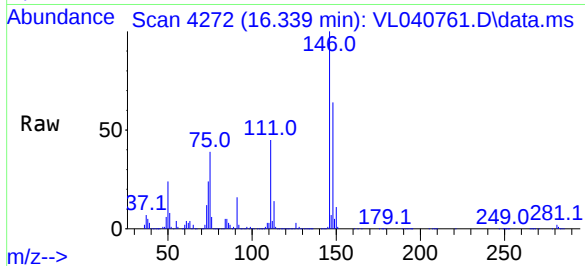




#75
1,3-Dichlorobenzene
Concen: 7.758 ppbv
RT: 16.339 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

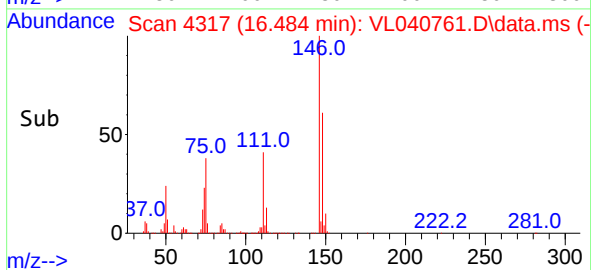
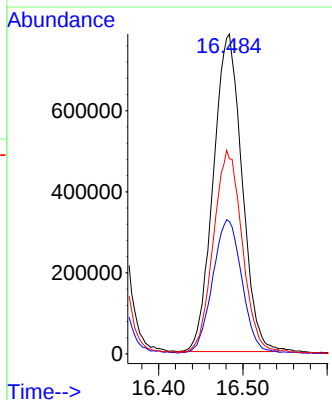
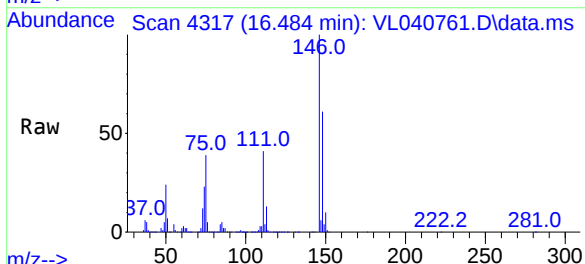
Instrument :
MSVOA_L
ClientSampleId :

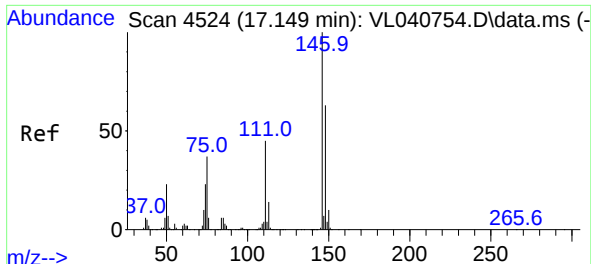
Tgt Ion:146 Resp: 1879432
Ion Ratio Lower Upper
146 100
111 45.3 22.6 67.7
148 64.6 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 7.717 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

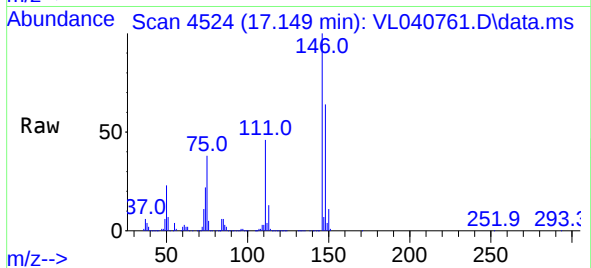
Tgt Ion:146 Resp: 1851420
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 65.7 33.4 100.1



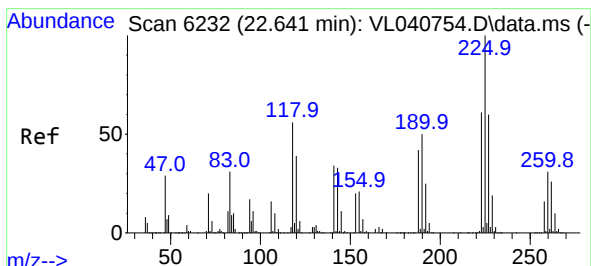
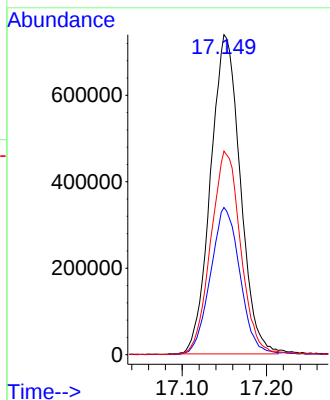
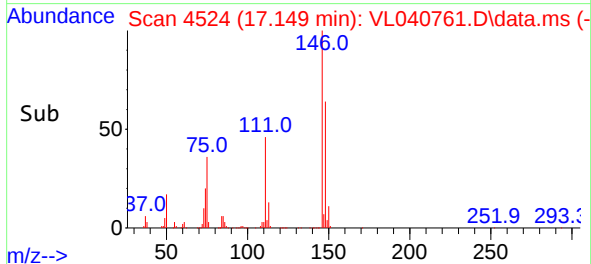


#77
1,2-Dichlorobenzene
Concen: 7.587 ppbv
RT: 17.149 min Scan# 4524
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

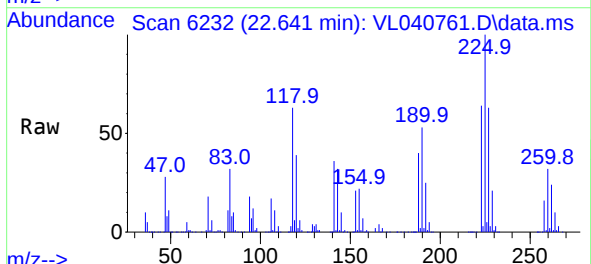
Instrument :
MSVOA_L
ClientSampleId :



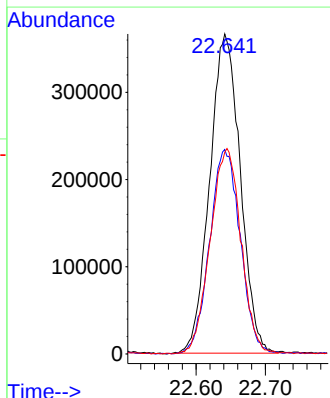
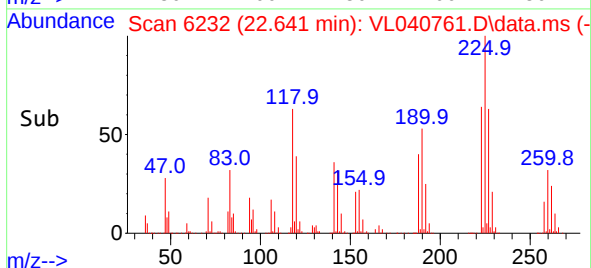
Tgt Ion:146 Resp: 1803349
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 64.7 32.3 96.8

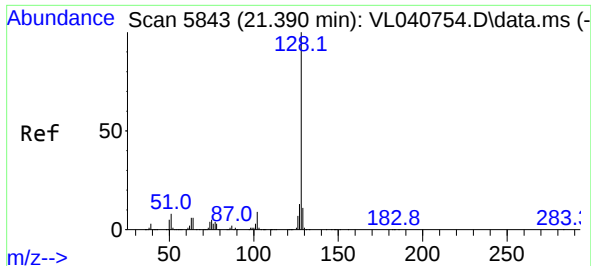


#78
Hexachloro-1,3-Butadiene
Concen: 6.591 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45



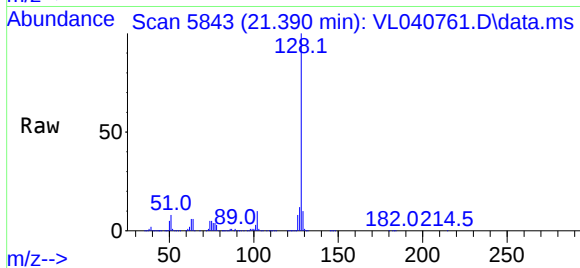
Tgt Ion:225 Resp: 1120908
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 64.9 51.4 77.0



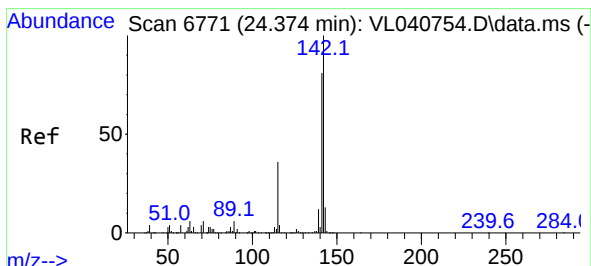
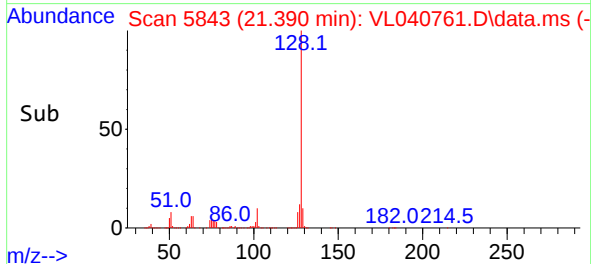
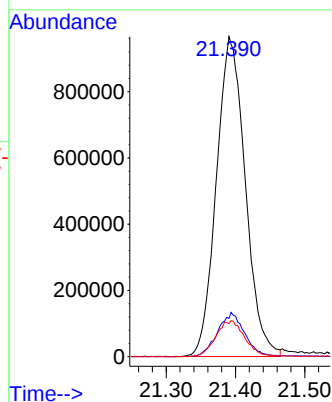


#79
Naphthalene
Concen: 8.824 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. 0.000 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Instrument :
MSVOA_L
ClientSampleId :

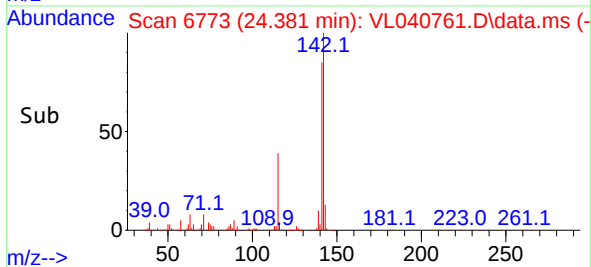
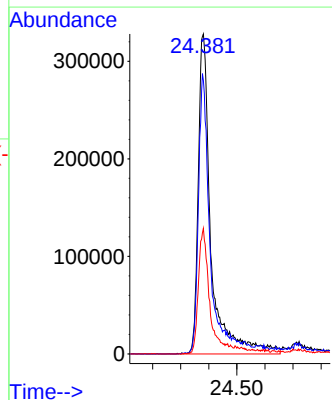
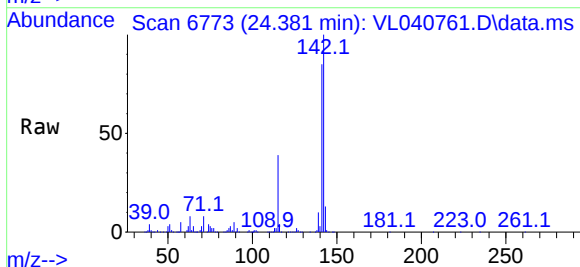


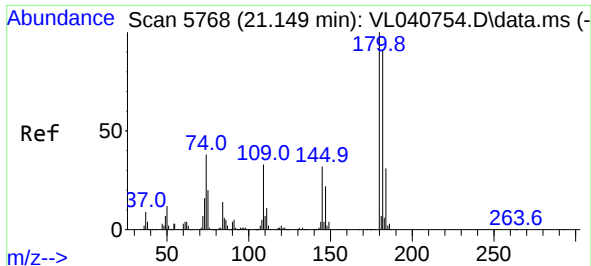
Tgt Ion:128 Resp: 2793826
Ion Ratio Lower Upper
128 100
127 11.9 10.6 15.8
129 10.3 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 11.752 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL040761.D
Acq: 11 Oct 2023 16:45

Tgt Ion:142 Resp: 1044179
Ion Ratio Lower Upper
142 100
141 80.2 66.3 99.5
115 36.7 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 8.080 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

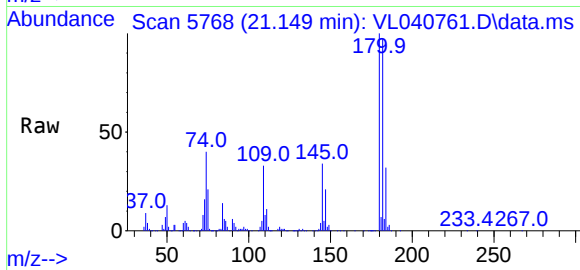
Lab File: VL040761.D

Acq: 11 Oct 2023 16:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1388866

Ion Ratio Lower Upper

180 100

182 97.2 77.9 116.9

184 31.0 25.0 37.6

