

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040736.D
 Acq On : 4 Oct 2023 11:36
 Operator : SY/MD
 Sample : VL1004ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:26:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1100557	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3004800	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2774692	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2062612	9.621	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	2350383	9.693	ppbv	99
3) Chlorodifluoromethane	2.684	51	1744187	9.728	ppbv	97
4) Chloromethane	2.822	50	694612	10.120	ppbv	100
5) Vinyl Chloride	2.928	62	788476	9.719	ppbv	95
6) Bromomethane	3.128	94	376597	9.622	ppbv	96
7) Chloroethane	3.202	64	277539	9.961	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1895038	9.467	ppbv	98
9) Propene	2.703	41	571300	11.061	ppbv	96
10) Heptane	7.571	43	1350759	11.606	ppbv	97
11) Trichlorofluoromethane	3.565	101	1890602	8.869	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1448415	9.499	ppbv	100
13) Ethanol	3.247	45	128492	8.405	ppbv	94
14) Bromoethene	3.369	108	628608	9.829	ppbv	99
15) Acetone	3.472	43	1313296	9.047	ppbv	100
16) 1,3-Butadiene	2.993	39	674574	10.662	ppbv	95
17) tert-Butyl alcohol	3.880	59	1497799	10.073	ppbv	99
18) 1,1-Dichloroethene	3.880	96	661519	9.760	ppbv	98
19) Isopropyl Alcohol	3.578	45	885785	10.127	ppbv	100
20) Methylene Chloride	3.931	84	561676	7.189	ppbv	95
21) Allyl Chloride	3.996	41	934068	10.499	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	675531	10.080	ppbv	100
23) Vinyl Acetate	4.623	43	1710200	11.392	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1357564	9.663	ppbv	99
25) Ethyl Acetate	5.198	43	2500068	10.678	ppbv	100
26) Hexane	5.208	57	1124799	10.160	ppbv	96
27) Carbon Disulfide	4.124	76	1723289	11.162	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1006975	10.572	ppbv	99
29) Chloroform	5.269	83	1918733	10.038	ppbv	99
30) Cyclohexane	6.594	84	991371	11.891	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	1158898	11.283	ppbv	92
32) 1,1,1-Trichloroethane	5.996	97	1933005	9.892	ppbv	99
34) 2-Butanone	4.784	43	1500604	9.930	ppbv	97
35) Carbon Tetrachloride	6.488	117	2011573	9.750	ppbv	96
36) Benzene	6.362	78	2446721	10.996	ppbv	96
37) 1,2-Dichloroethane	5.800	62	1423799	9.350	ppbv	97
38) Trichloroethene	7.285	130	977590	11.521	ppbv	98
39) 1,2-Dichloropropane	7.063	63	904788	10.564	ppbv	96
40) 1,4-Dioxane	7.275	88	393090	12.140	ppbv #	98
41) Tetrahydrofuran	5.549	42	891878	11.510	ppbv	100
42) Bromodichloromethane	7.243	83	2101159	10.112	ppbv	98
43) Methyl Methacrylate	7.465	69	968598	11.711	ppbv	98
44) 2,2,4-Trimethylpentane	7.317	57	3898021	11.003	ppbv	97
45) t-1,3-Dichloropropene	8.700	75	828883	12.924	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
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 Sample : VL1004ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

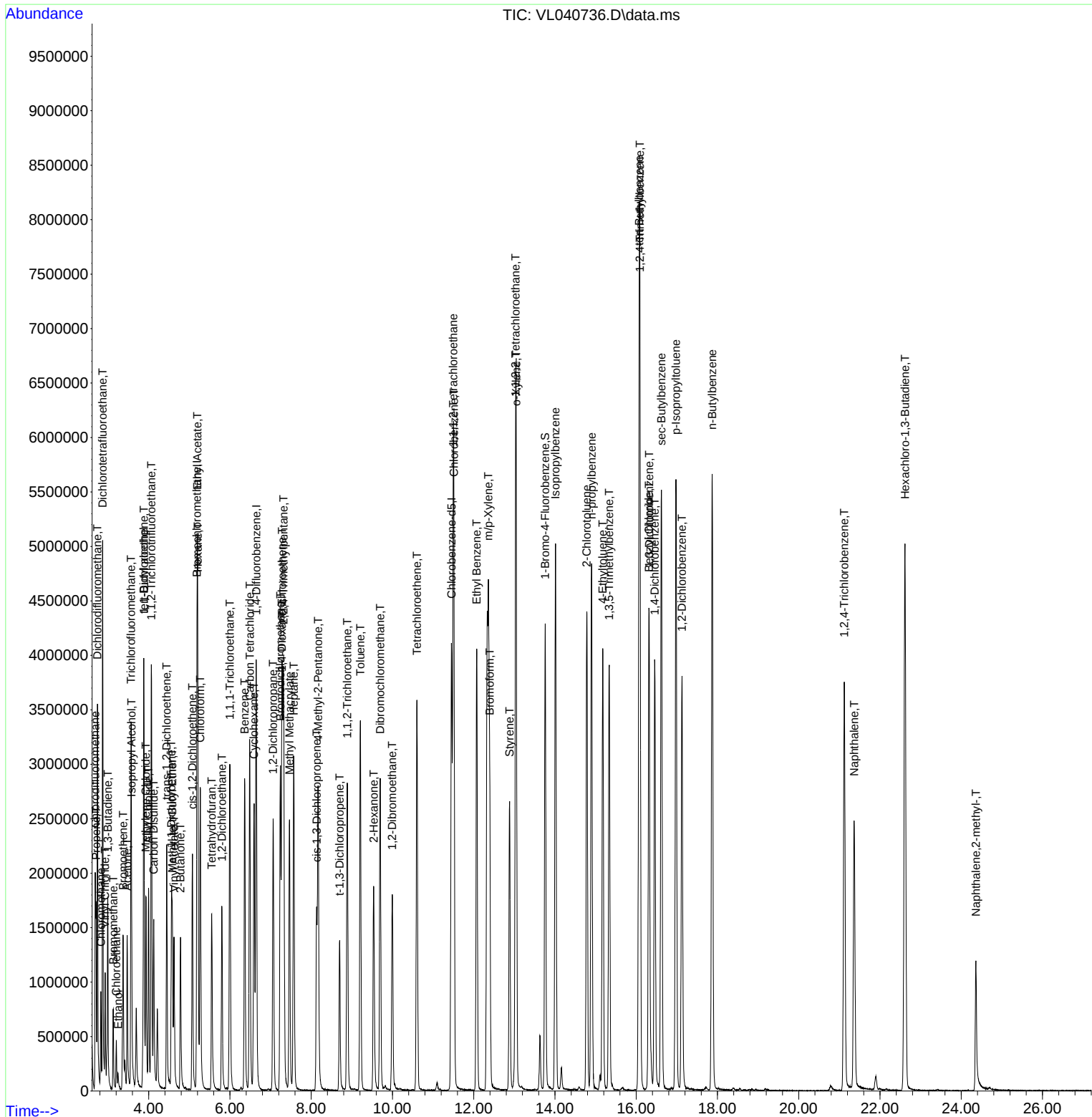
Instrument :
 MSVOA_L
 ClientSampleId :

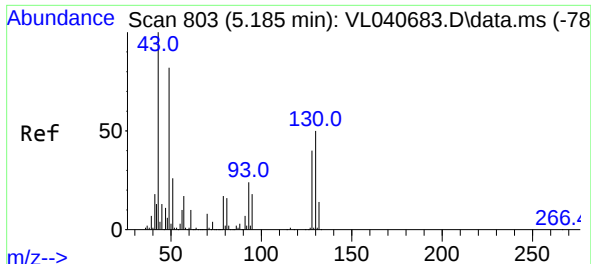
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	939180	11.969	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	1033092	10.510	ppbv	98
48) Dibromochloromethane	9.700	129	1785170	11.010	ppbv	99
49) Bromoform	12.394	173	1489546	11.186	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2277222	11.152	ppbv	97
51) 2-Hexanone	9.539	43	1693313	12.014	ppbv #	97
52) Tetrachloroethene	10.603	164	859028	11.835	ppbv	98
53) Toluene	9.211	91	2822955	12.017	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1501367	11.967	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.494	131	1308292	9.892	ppbv	98
57) Chlorobenzene	11.513	112	2204465	10.491	ppbv	98
58) Ethyl Benzene	12.073	91	3776296	11.937	ppbv	98
59) m/p-Xylene	12.359	91	3835847	12.913	ppbv #	50
60) o-Xylene	13.047	91	3113834	10.992	ppbv	99
61) Styrene	12.883	104	1604023	13.510	ppbv	97
62) Isopropylbenzene	14.015	105	4525795	10.581	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2236856	10.075	ppbv	99
64) n-propylbenzene	14.902	120	1182054	11.053	ppbv	97
65) tert-Butylbenzene	16.072	119	3987447	10.387	ppbv	97
66) Benzyl Chloride	16.310	91	548406	12.240	ppbv	98
67) sec-Butylbenzene	16.619	105	5682427	10.340	ppbv	100
69) p-Isopropyltoluene	16.979	119	4632950	10.726	ppbv	99
70) n-Butylbenzene	17.870	91	4970708	10.456	ppbv	99
71) 2-Chlorotoluene	14.783	91	3488003	11.022	ppbv	98
72) 4-Ethyltoluene	15.175	105	3633526	11.438	ppbv	100
73) 1,3,5-Trimethylbenzene	15.336	105	3136104	10.963	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	3522231	10.101	ppbv	94
75) 1,3-Dichlorobenzene	16.317	146	2069693	10.417	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	2016119	10.313	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1989246	10.052	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1468421	9.807	ppbv	99
79) Naphthalene	21.365	128	3179535	14.652	ppbv	98
80) Naphthalene,2-methyl-	24.362	142	857108	16.126	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1650884	11.647	ppbv	99

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

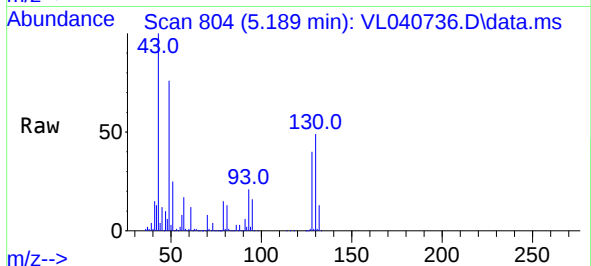
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QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration



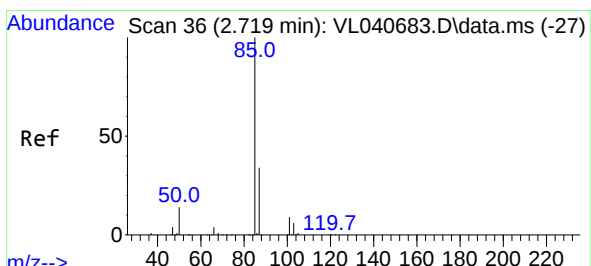
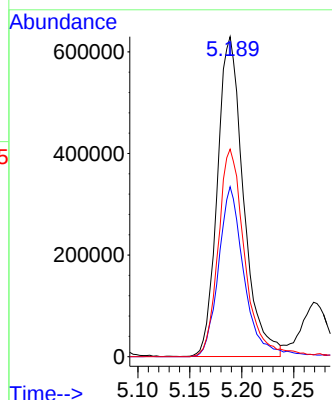
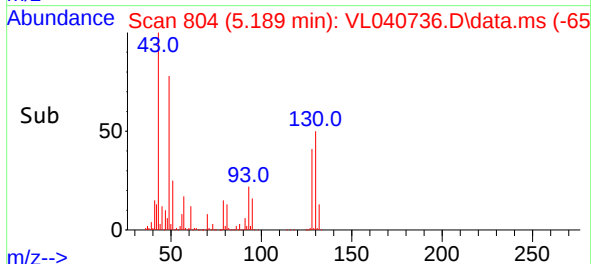


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.009 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :

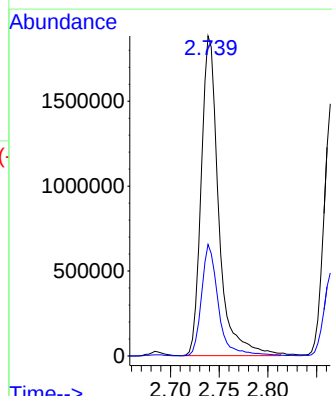
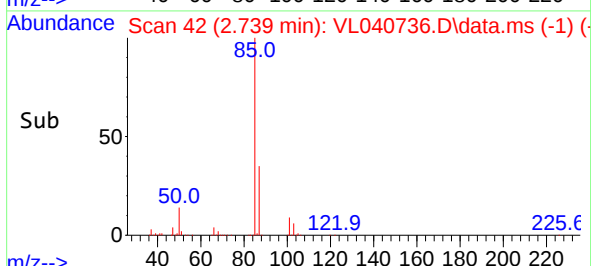
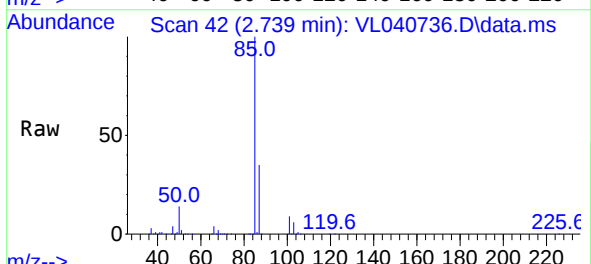


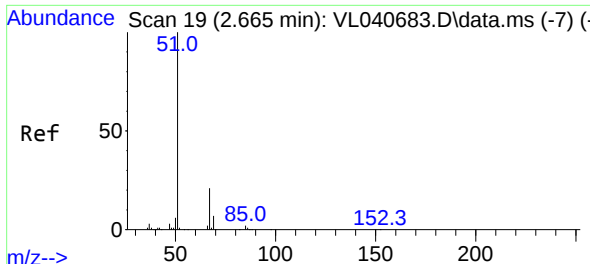
Tgt Ion: 49 Resp: 1100557
Ion Ratio Lower Upper
49 100
128 52.8 25.4 76.0
130 66.9 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 9.693 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 85 Resp: 2350383
Ion Ratio Lower Upper
85 100
87 34.8 27.2 40.8

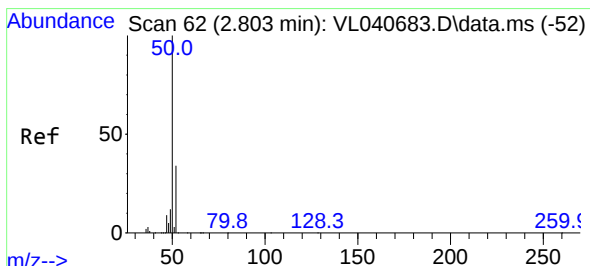
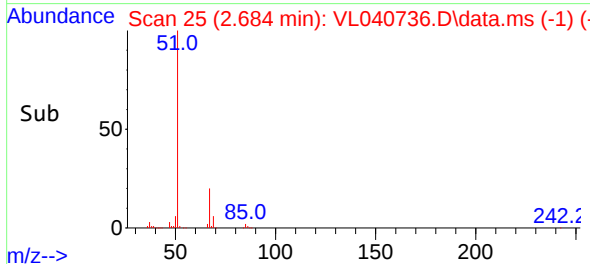
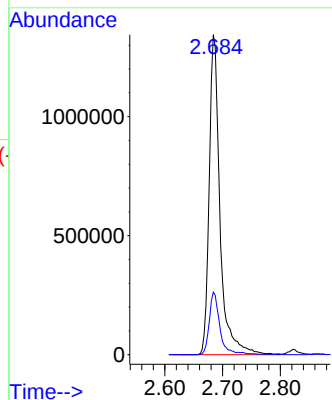
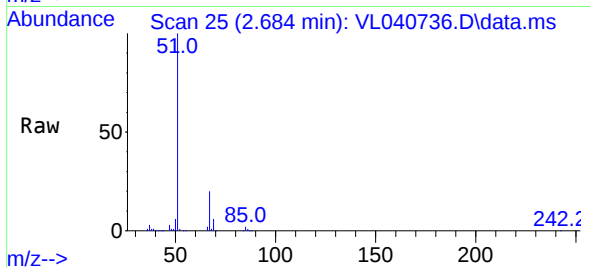




#3
Chlorodifluoromethane
Concen: 9.728 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

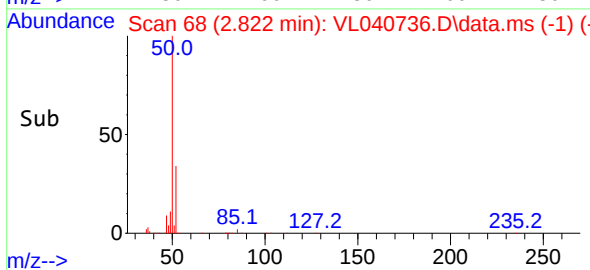
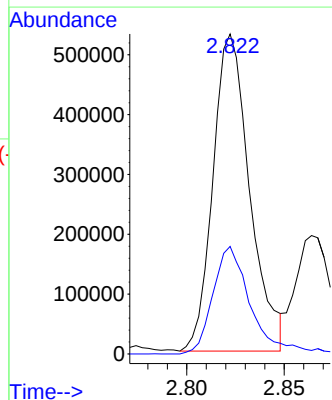
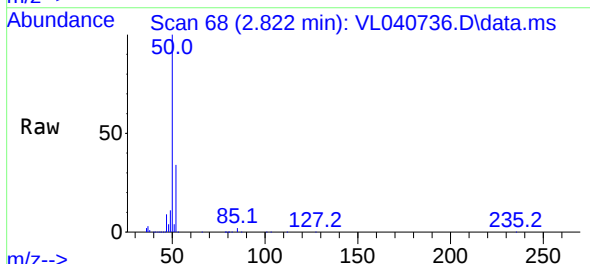
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1744187
Ion Ratio Lower Upper
51 100
67 19.5 16.7 25.1

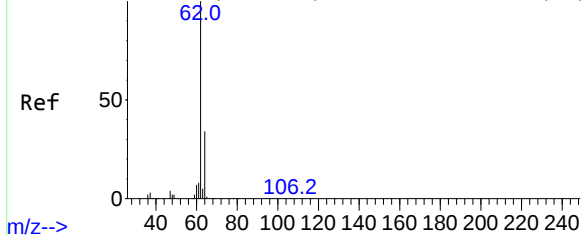


#4
Chloromethane
Concen: 10.120 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.007 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 50 Resp: 694612
Ion Ratio Lower Upper
50 100
52 33.9 27.1 40.7



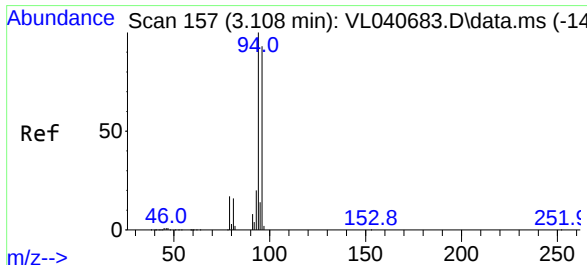
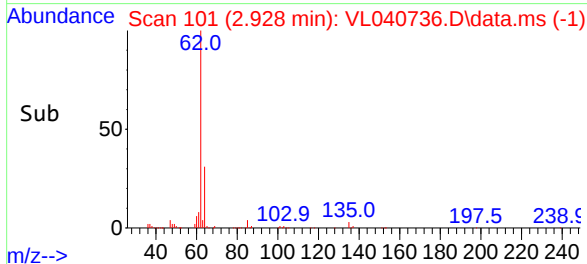
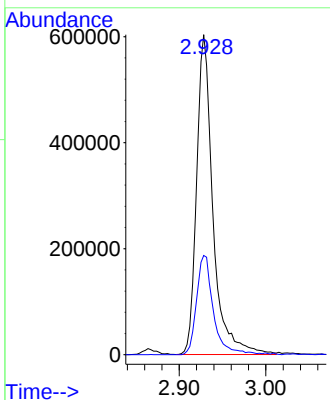
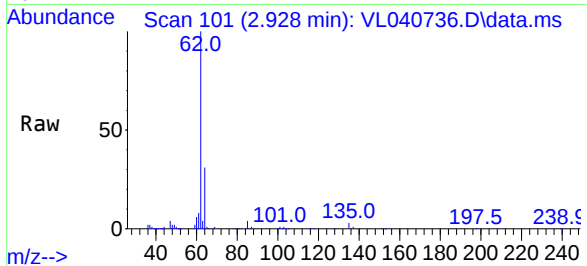
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 9.719 ppbv
RT: 2.928 min Scan# 101
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

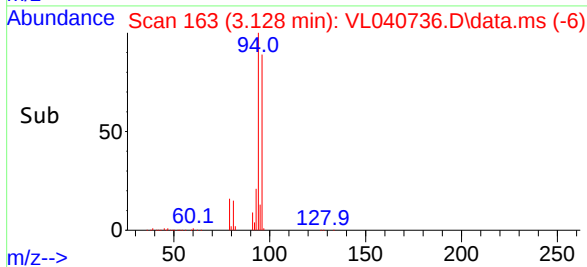
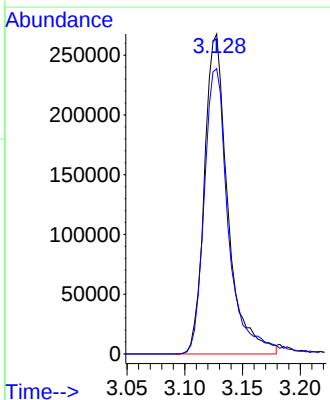
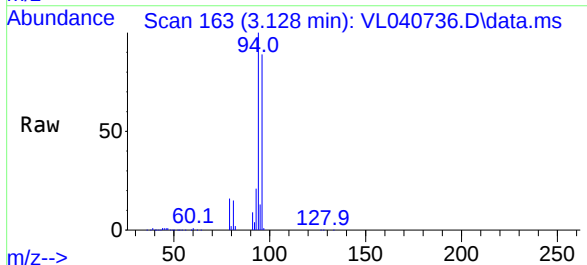
Instrument :
MSVOA_L
ClientSampleId :

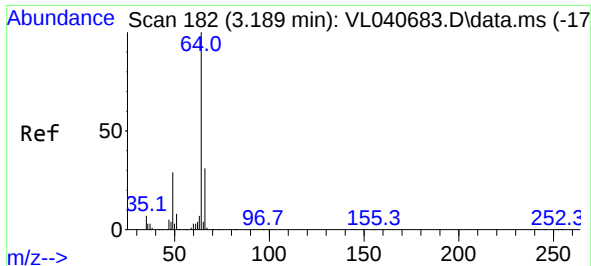
Tgt Ion: 62 Resp: 788476
Ion Ratio Lower Upper
62 100
64 31.0 27.2 40.8



#6
Bromomethane
Concen: 9.622 ppbv
RT: 3.128 min Scan# 163
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 94 Resp: 376597
Ion Ratio Lower Upper
94 100
96 89.1 74.4 111.6

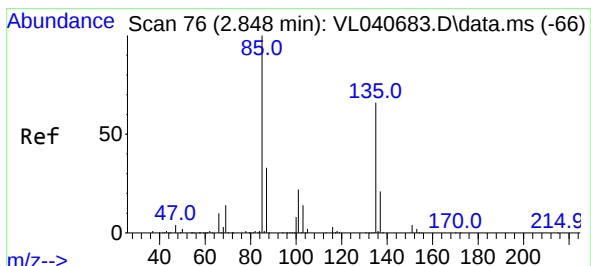
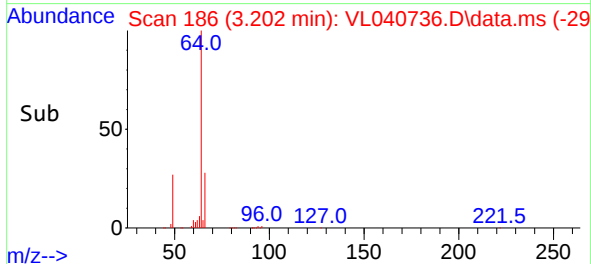
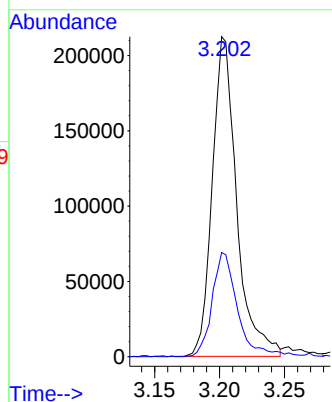
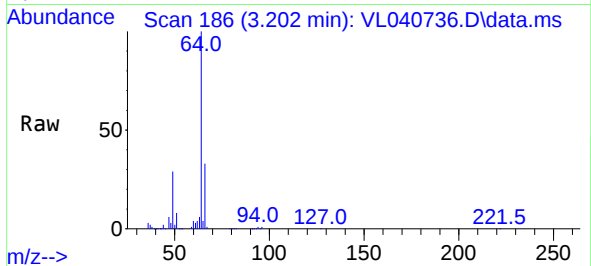




#7
Chloroethane
Concen: 9.961 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

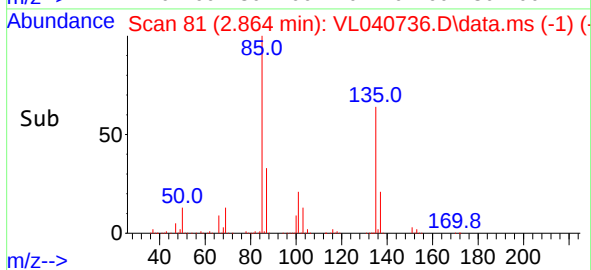
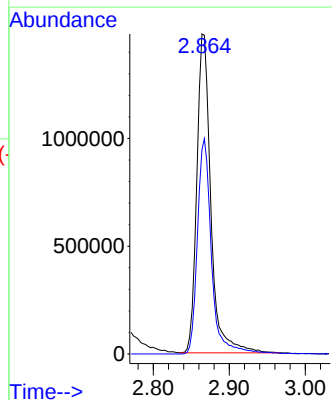
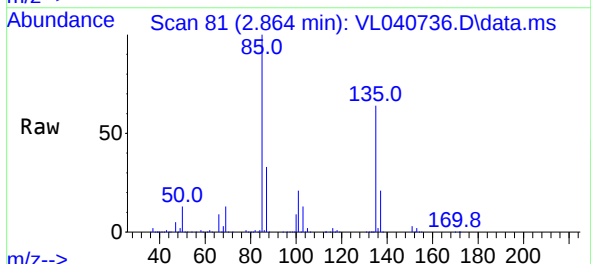
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 277539
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7

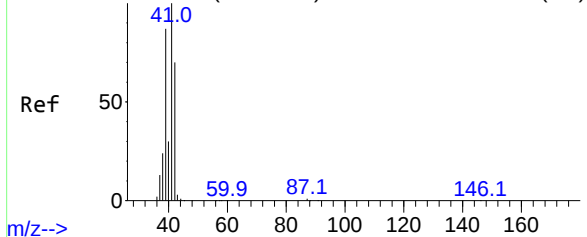


#8
Dichlorotetrafluoroethane
Concen: 9.467 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 85 Resp: 1895038
Ion Ratio Lower Upper
85 100
135 68.1 53.4 80.2



Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



#9

Propene

Concen: 11.061 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

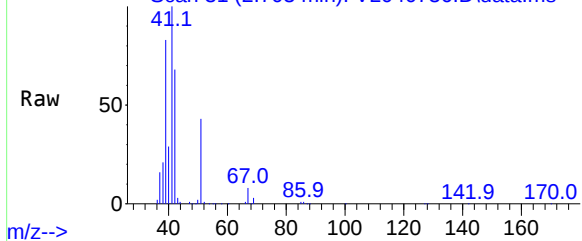
Tgt Ion: 41 Resp: 571300

Ion Ratio Lower Upper

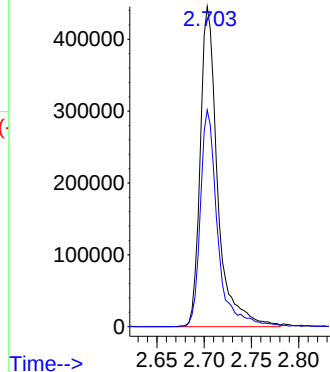
41 100

42 67.7 56.7 85.1

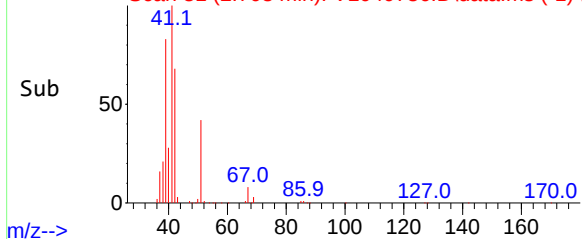
Abundance Scan 31 (2.703 min): VL040736.D\data.ms



Abundance

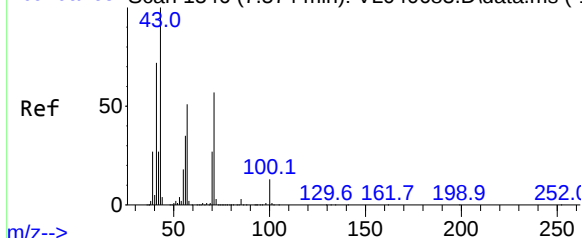


Abundance Scan 31 (2.703 min): VL040736.D\data.ms (-1)



Time-->

Abundance Scan 1546 (7.574 min): VL040683.D\data.ms (-1)



#10

Heptane

Concen: 11.606 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

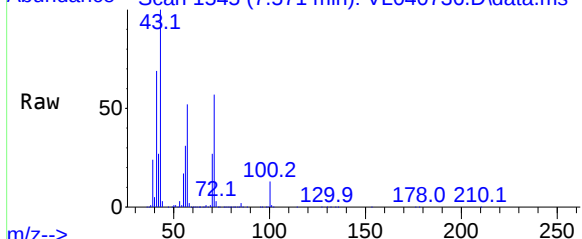
Tgt Ion: 43 Resp: 1350759

Ion Ratio Lower Upper

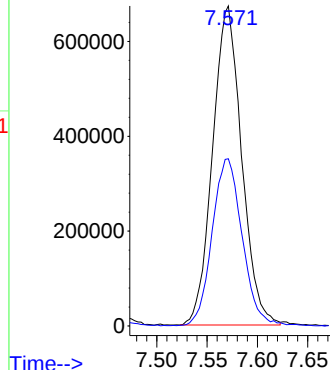
43 100

57 54.6 41.8 62.6

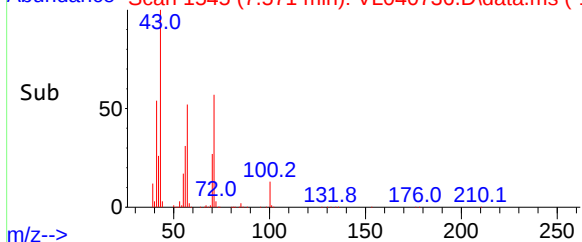
Abundance Scan 1545 (7.571 min): VL040736.D\data.ms



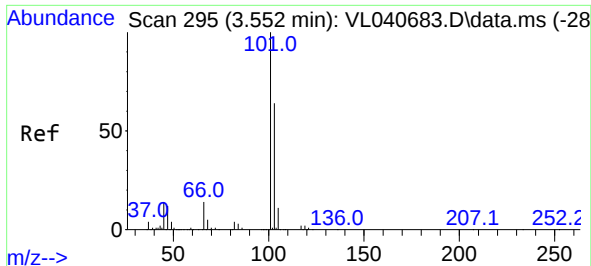
Abundance



Abundance Scan 1545 (7.571 min): VL040736.D\data.ms (-1)



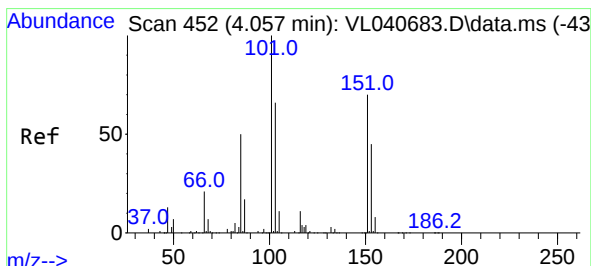
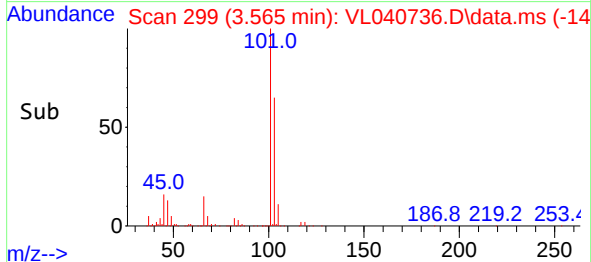
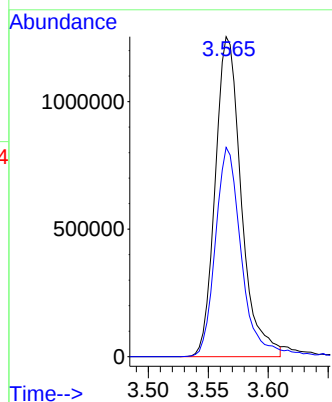
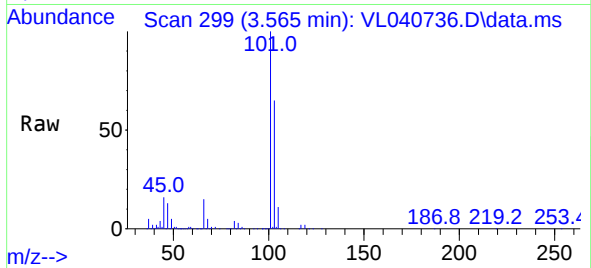
Time-->



#11
 Trichlorofluoromethane
 Concen: 8.869 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

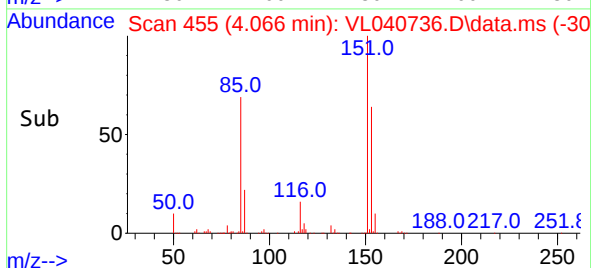
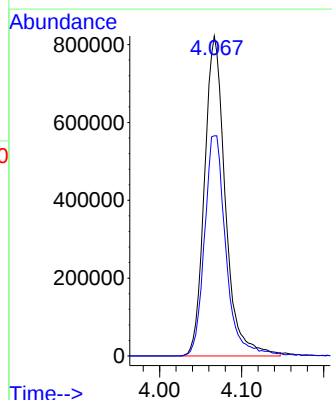
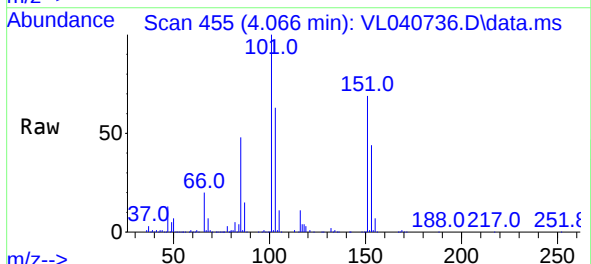
Instrument :
 MSVOA_L
 ClientSampleId :

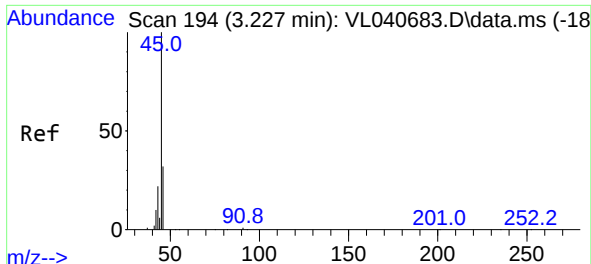
Tgt Ion:101 Resp: 1890602
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.499 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion:101 Resp: 1448415
 Ion Ratio Lower Upper
 101 100
 151 71.3 56.8 85.2

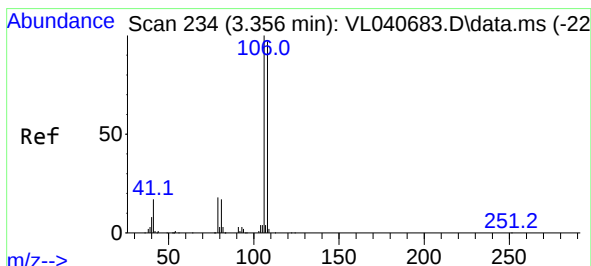
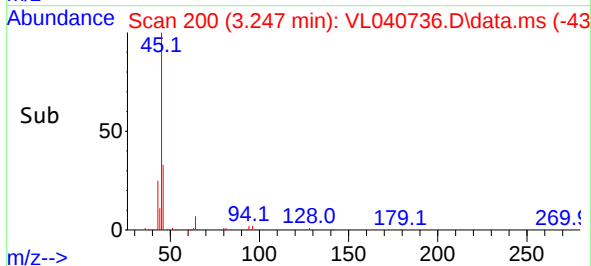
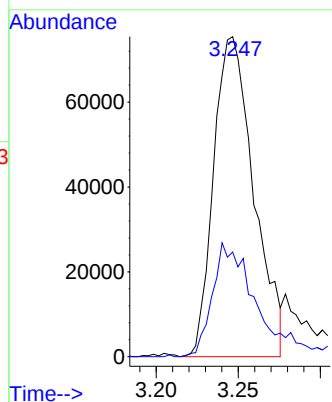
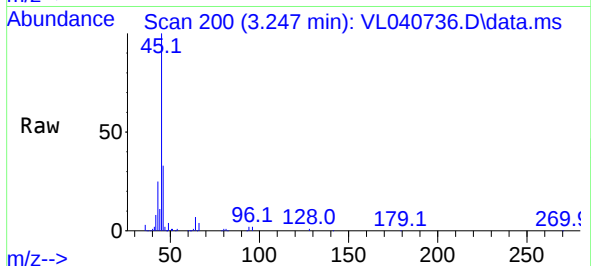




#13
Ethanol
Concen: 8.405 ppbv
RT: 3.247 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

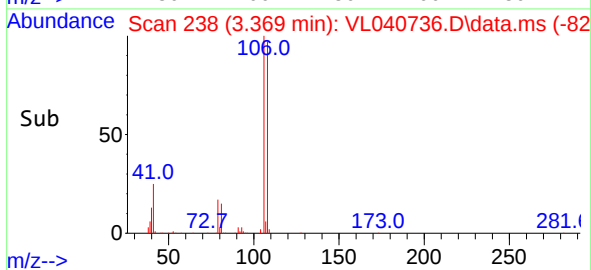
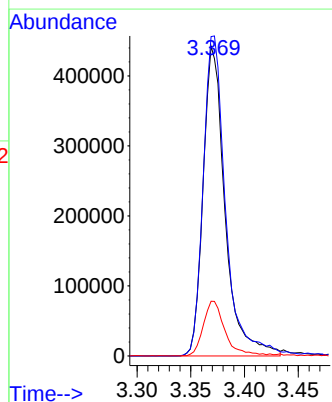
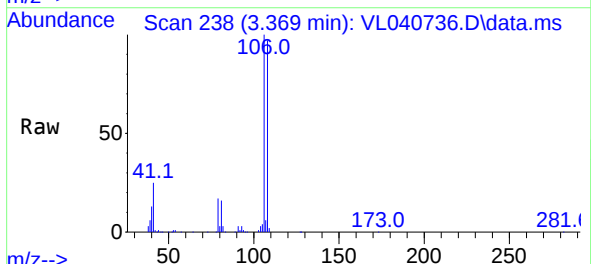
Instrument :
MSVOA_L
ClientSampleId :

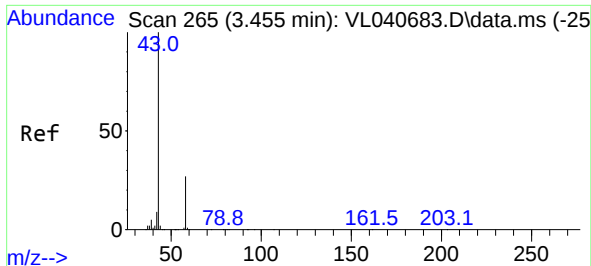
Tgt Ion: 45 Resp: 128492
Ion Ratio Lower Upper
45 100
46 41.9 15.2 61.0



#14
Bromoethene
Concen: 9.829 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 108 Resp: 628608
Ion Ratio Lower Upper
108 100
106 106.7 86.0 129.0
79 18.3 15.6 23.4

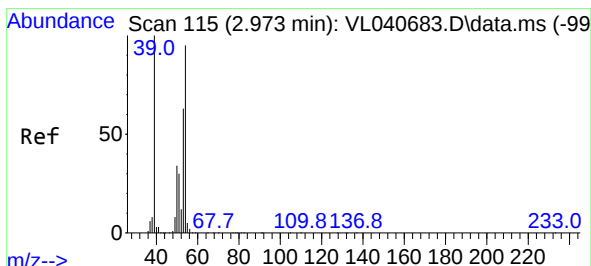
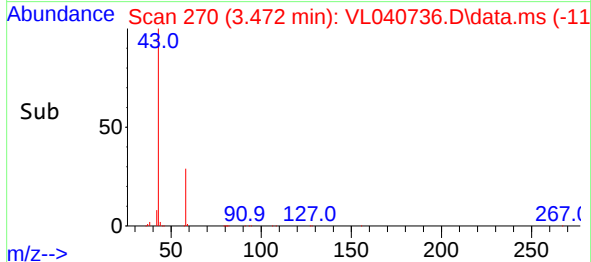
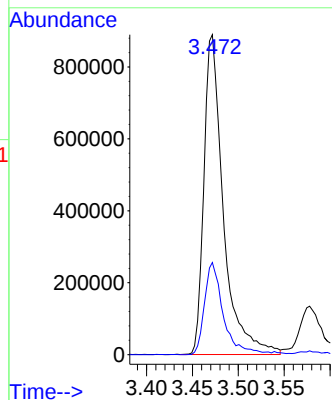
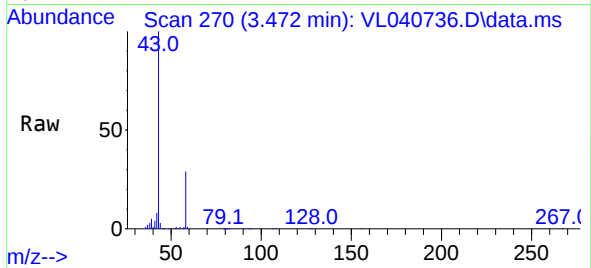




#15
Acetone
Concen: 9.047 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

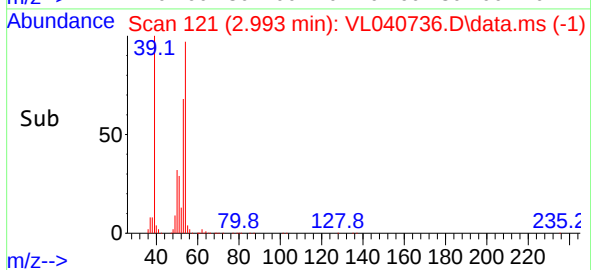
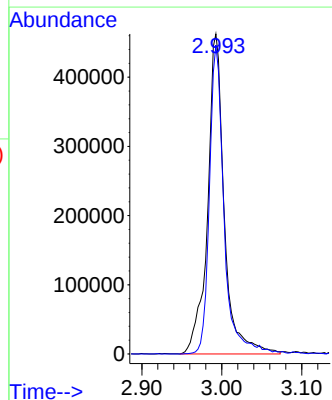
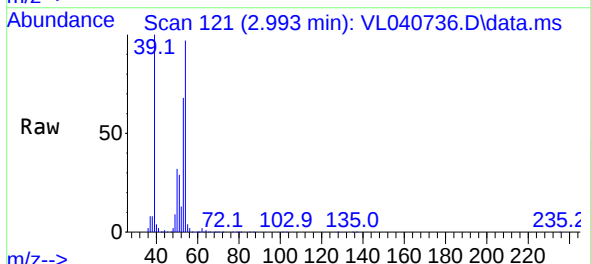
Instrument :
MSVOA_L
ClientSampleId :

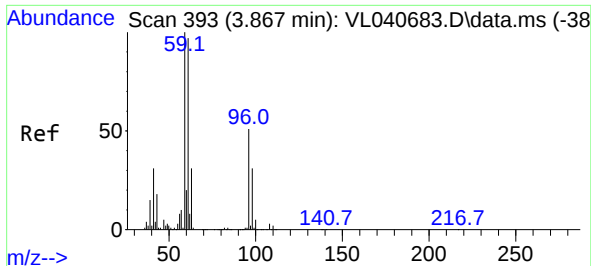
Tgt Ion: 43 Resp: 1313296
Ion Ratio Lower Upper
43 100
58 28.4 22.6 34.0



#16
1,3-Butadiene
Concen: 10.662 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 39 Resp: 674574
Ion Ratio Lower Upper
39 100
54 85.1 64.8 97.2

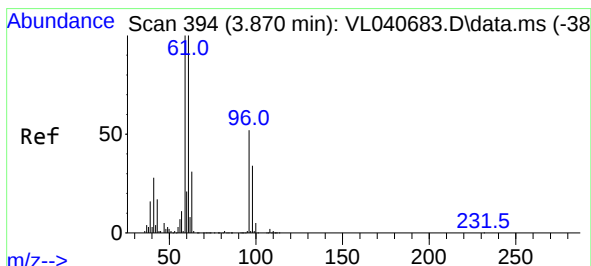
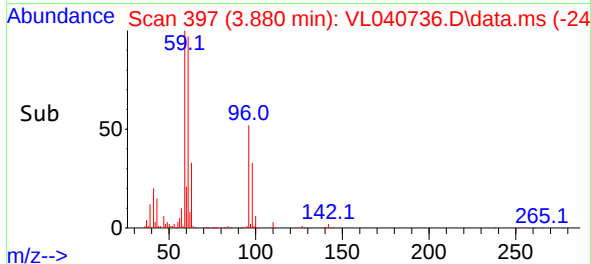
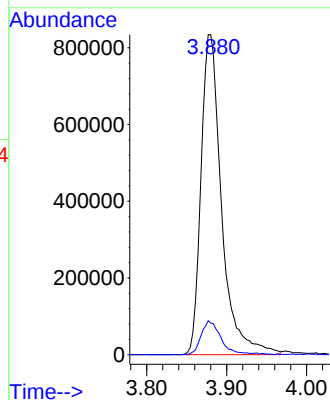
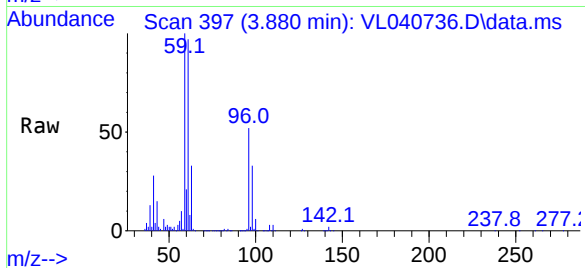




#17
tert-Butyl alcohol
Concen: 10.073 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

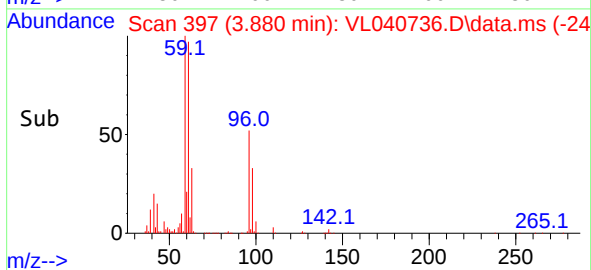
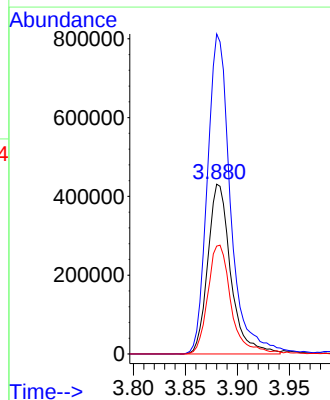
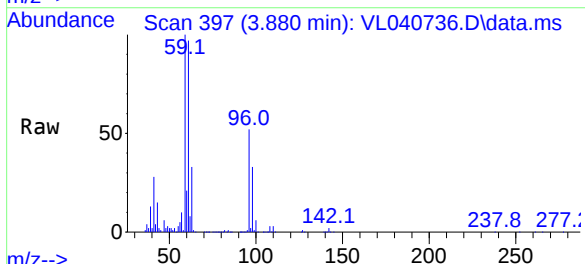
Instrument :
MSVOA_L
ClientSampleId :

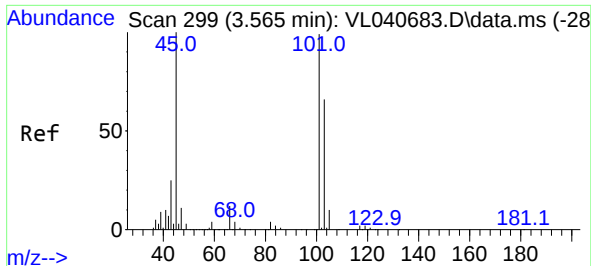
Tgt Ion: 59 Resp: 1497799
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#18
1,1-Dichloroethene
Concen: 9.760 ppbv
RT: 3.880 min Scan# 397
Delta R.T. -0.003 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 96 Resp: 661519
Ion Ratio Lower Upper
96 100
61 188.4 153.6 230.4
98 63.5 51.9 77.9

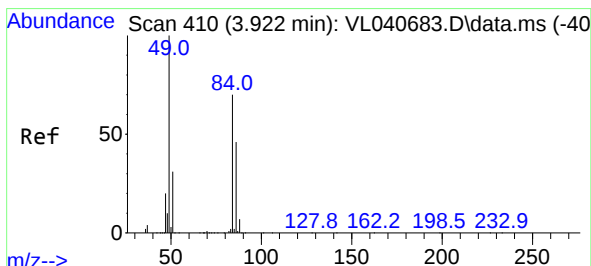
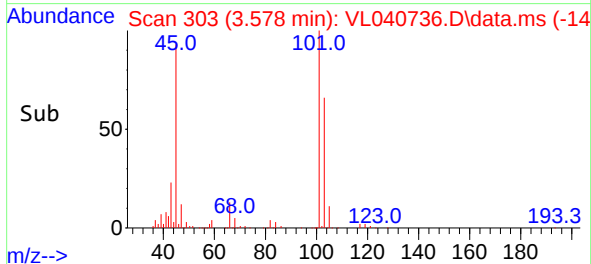
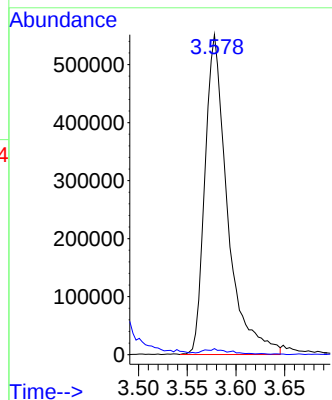
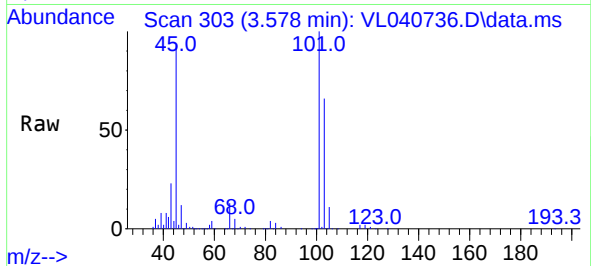




#19
Isopropyl Alcohol
Concen: 10.127 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

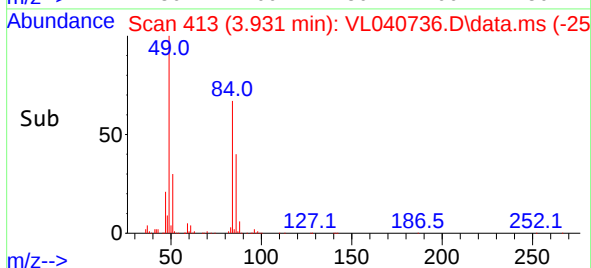
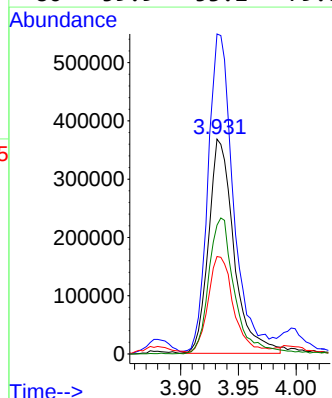
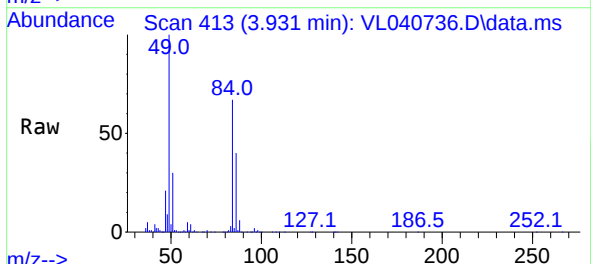
Instrument :
MSVOA_L
ClientSampleId :

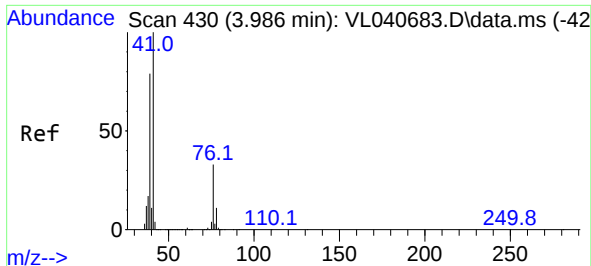
Tgt Ion: 45 Resp: 885785
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9



#20
Methylene Chloride
Concen: 7.189 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 84 Resp: 561676
Ion Ratio Lower Upper
84 100
49 148.3 114.4 171.6
51 44.2 35.5 53.3
86 59.9 53.2 79.8





#21

Allyl Chloride

Concen: 10.499 ppbv

RT: 3.996 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

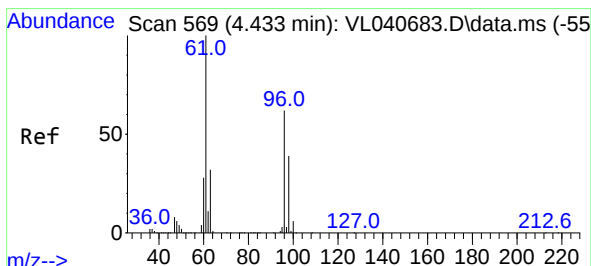
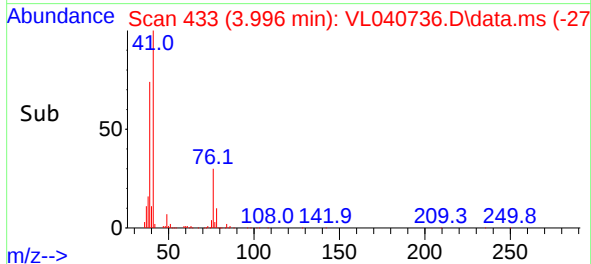
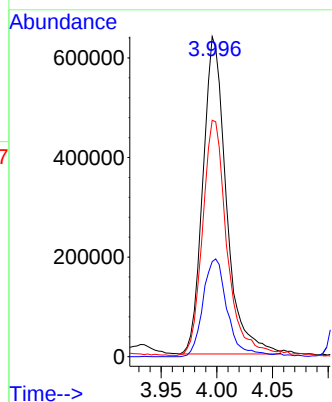
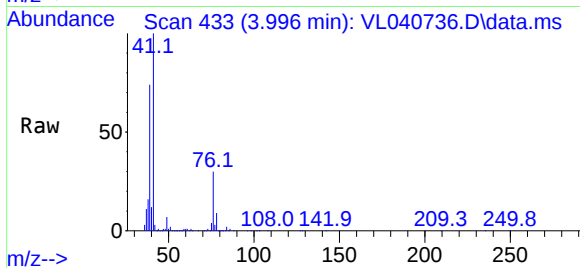
Tgt Ion: 41 Resp: 934068

Ion Ratio Lower Upper

41 100

76 32.7 26.6 40.0

39 78.6 65.0 97.4



#22

trans-1,2-Dichloroethene

Concen: 10.080 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.009 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

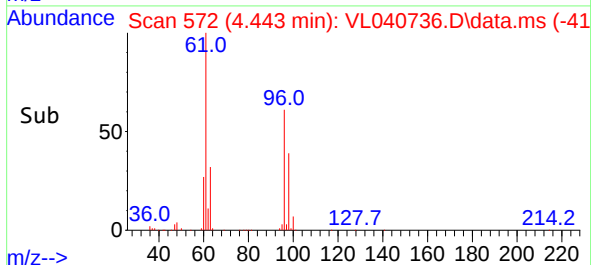
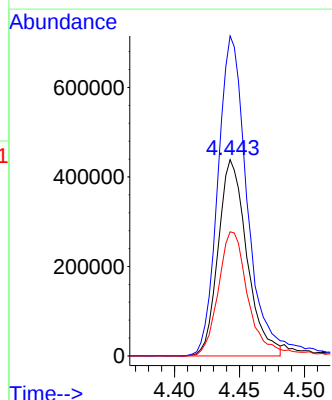
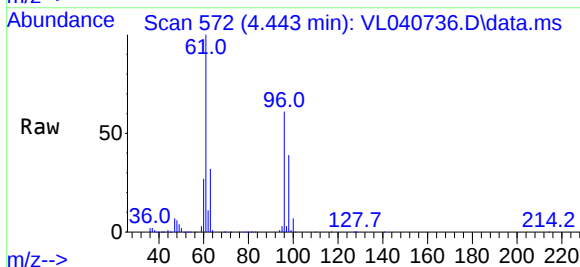
Tgt Ion: 96 Resp: 675531

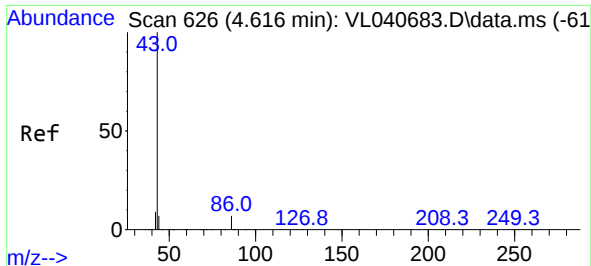
Ion Ratio Lower Upper

96 100

61 162.9 129.9 194.9

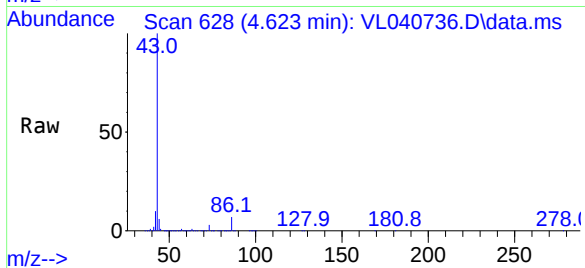
98 63.2 50.2 75.4





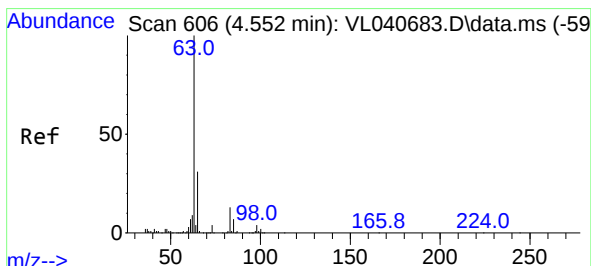
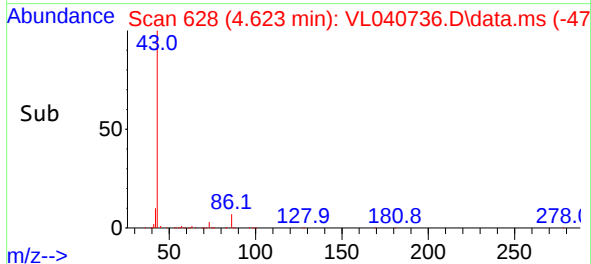
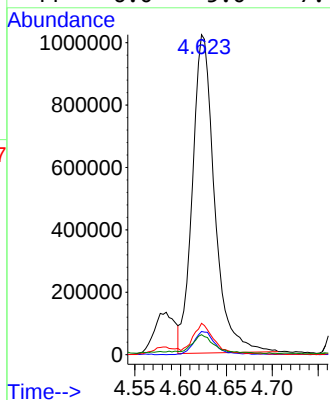
#23
 Vinyl Acetate
 Concen: 11.392 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1710200

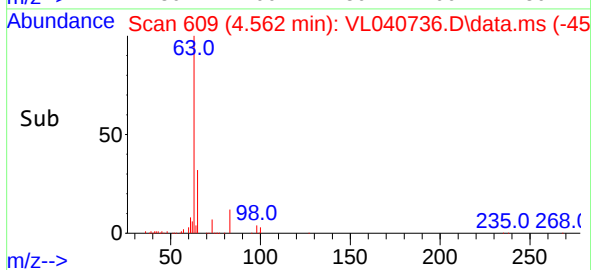
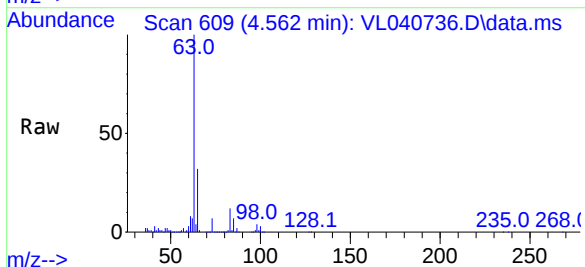
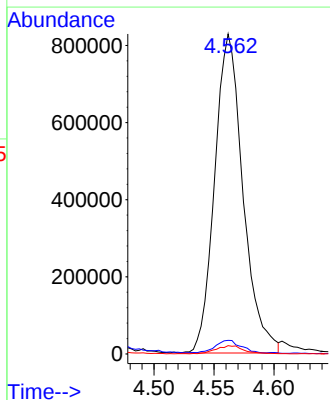
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.7	7.6	11.4
44	6.0	5.0	7.4

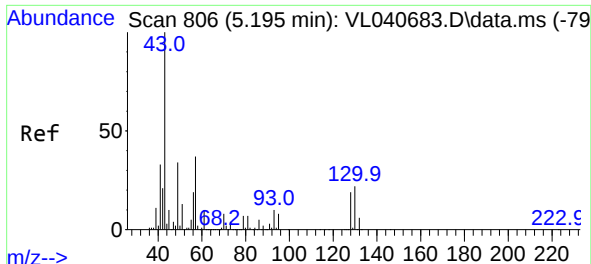


#24
 1,1-Dichloroethane
 Concen: 9.663 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion: 63 Resp: 1357564

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.5
100	2.5	1.2	3.6





#25

Ethyl Acetate

Concen: 10.678 ppbv

RT: 5.198 min Scan# 80

Delta R.T. -0.013 min

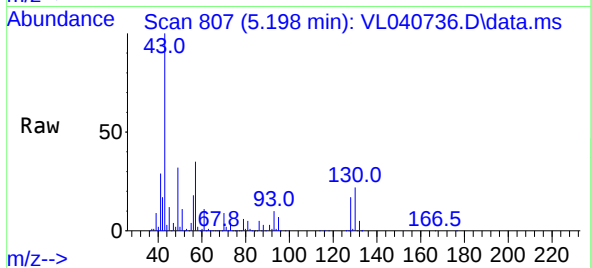
Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 2500068

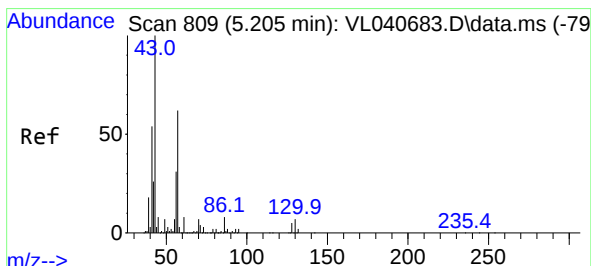
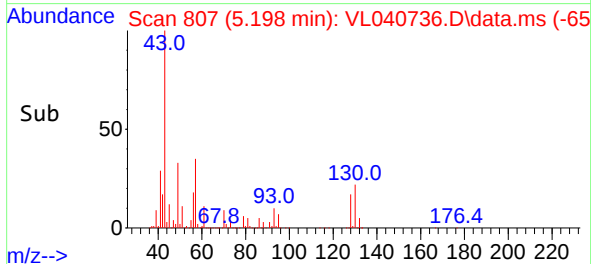
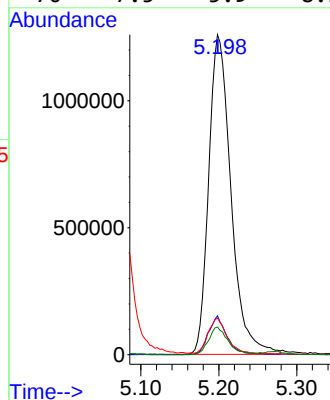
Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.7 8.2 12.4

70 7.5 5.9 8.9



#26

Hexane

Concen: 10.160 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.013 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion: 57 Resp: 1124799

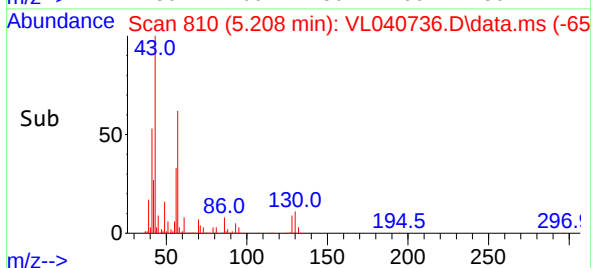
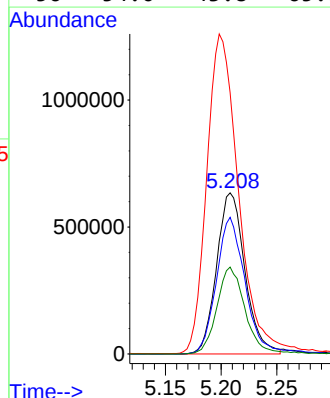
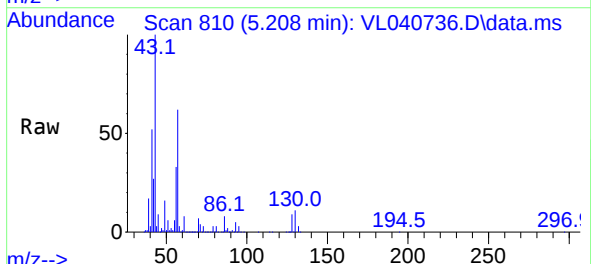
Ion Ratio Lower Upper

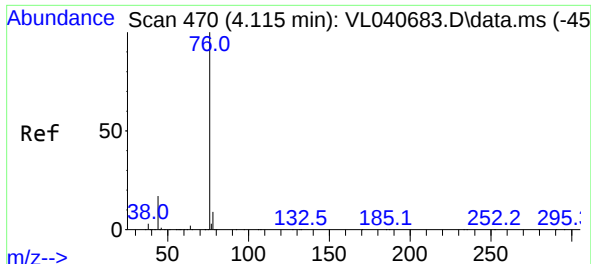
57 100

41 87.4 75.2 112.8

43 225.0 185.6 278.4

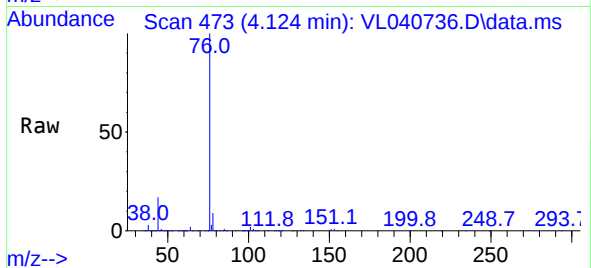
56 54.0 43.8 65.8





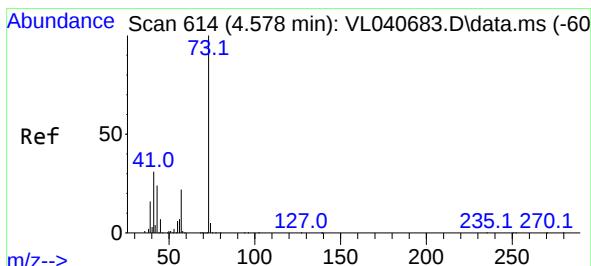
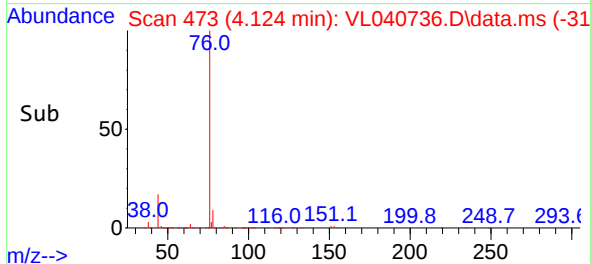
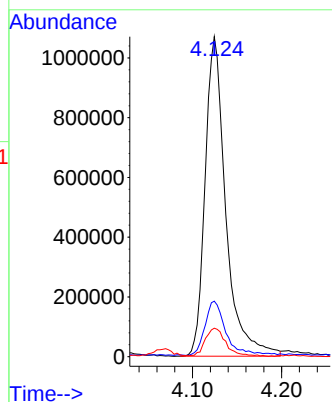
#27
Carbon Disulfide
Concen: 11.162 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1723289

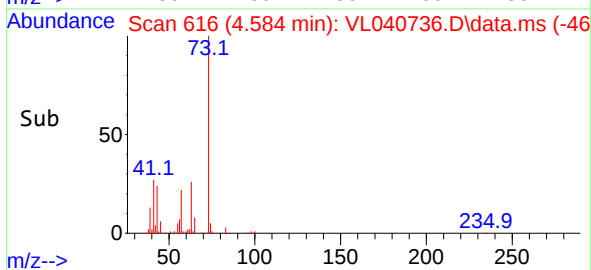
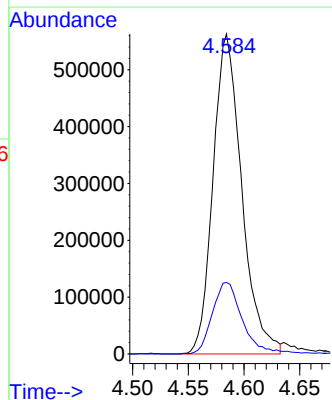
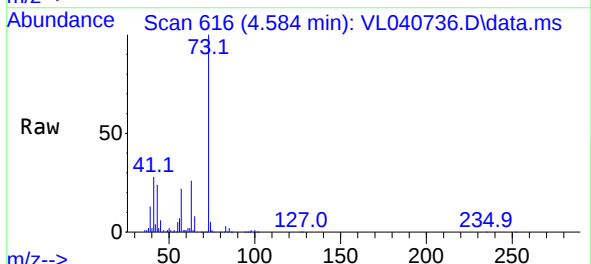
Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.5	21.7
78	9.2	7.7	11.5

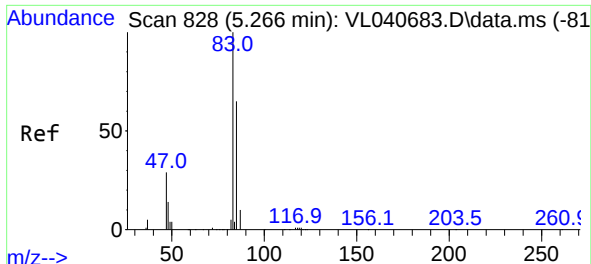


#28
Methyl tert-Butyl Ether
Concen: 10.572 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.006 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 73 Resp: 1006975

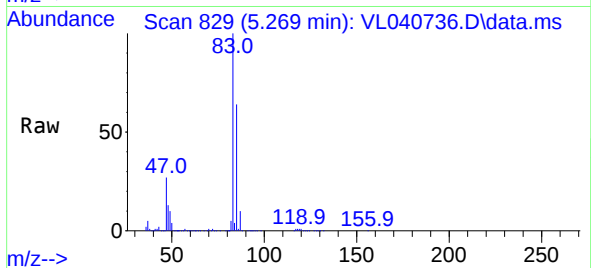
Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.8	28.2



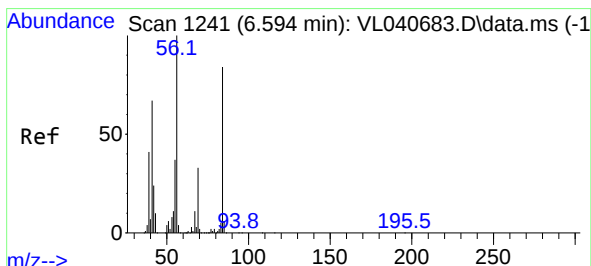
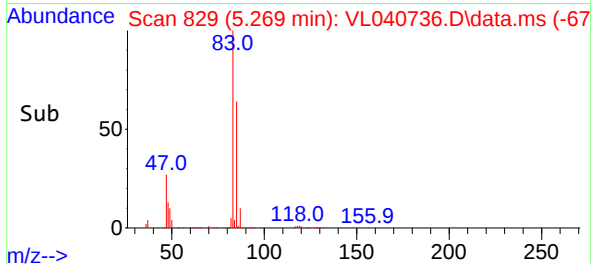
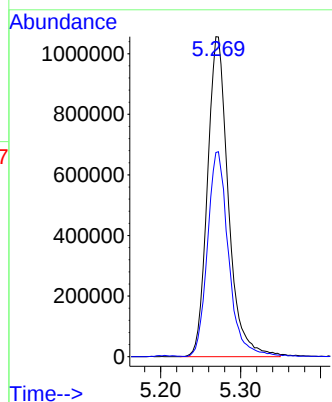


#29
Chloroform
Concen: 10.038 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :

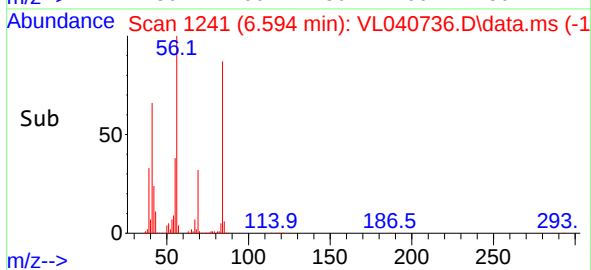
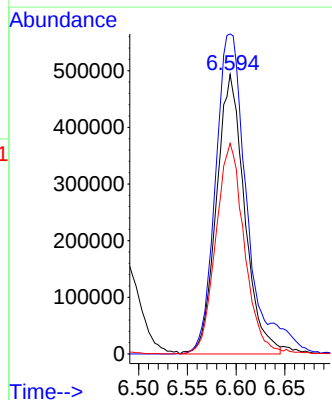
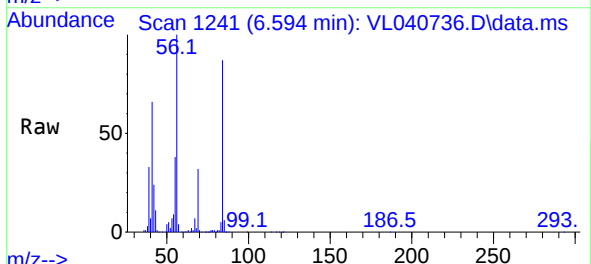


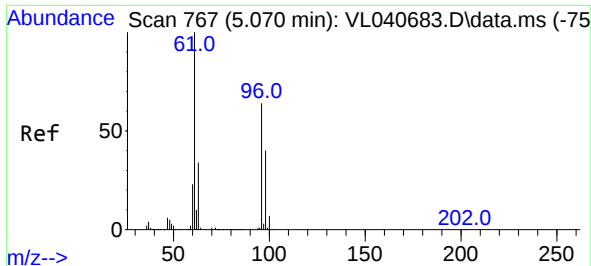
Tgt Ion: 83 Resp: 1918733
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8



#30
Cyclohexane
Concen: 11.891 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 84 Resp: 991371
Ion Ratio Lower Upper
84 100
56 129.1 103.2 154.8
41 77.1 65.5 98.3



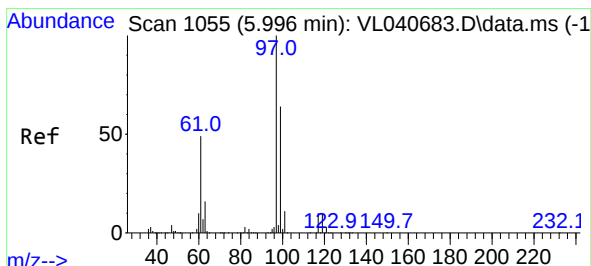
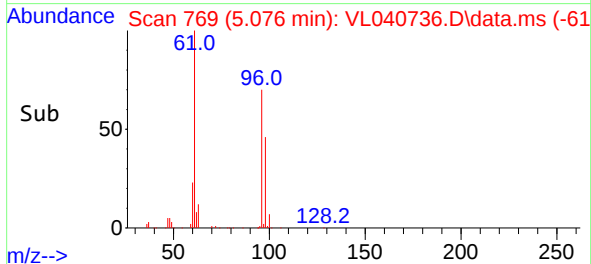
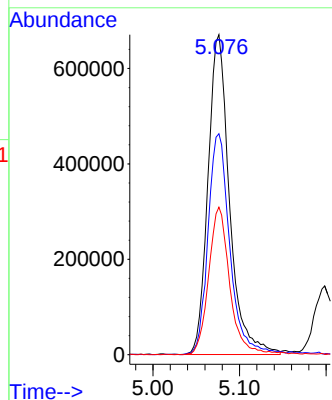
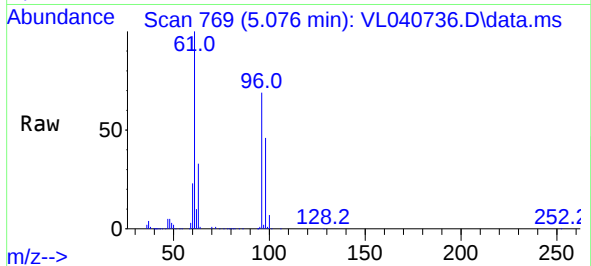


#31
 cis-1,2-Dichloroethene
 Concen: 11.283 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.009 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1158898

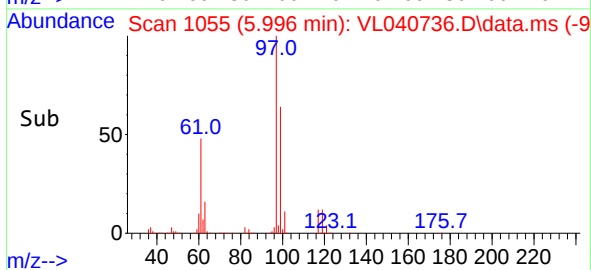
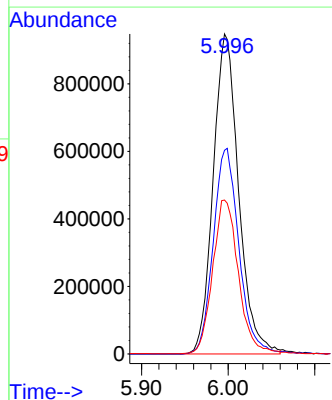
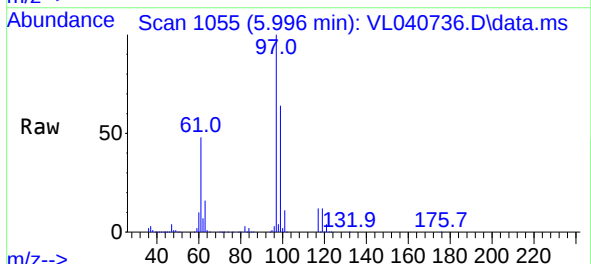
Ion	Ratio	Lower	Upper
61	100		
96	69.1	51.2	76.8
98	46.1	32.3	48.5

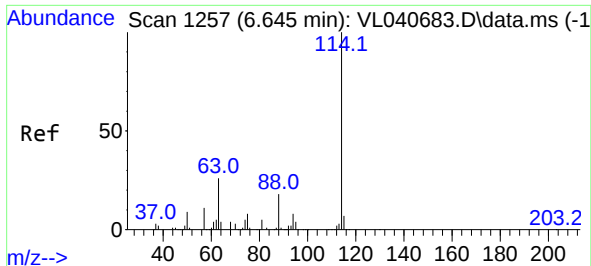


#32
 1,1,1-Trichloroethane
 Concen: 9.892 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion: 97 Resp: 1933005

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.4	78.6
61	48.8	40.2	60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

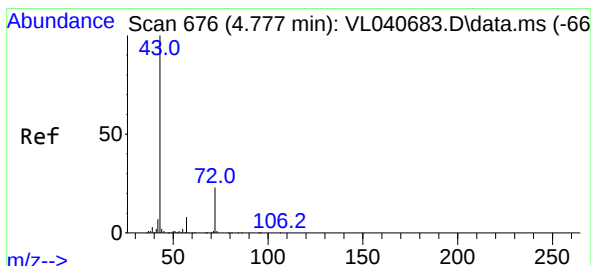
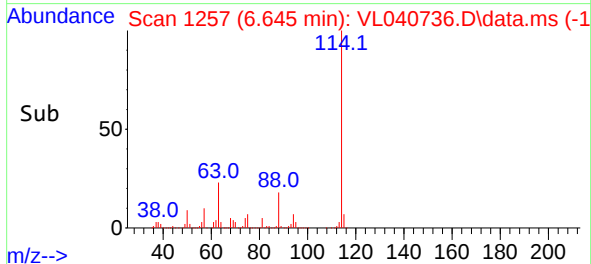
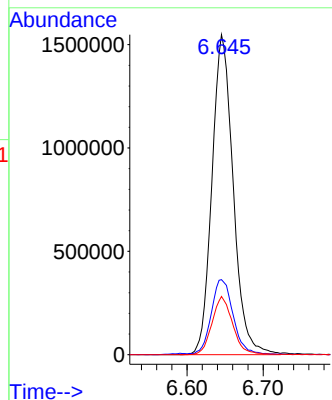
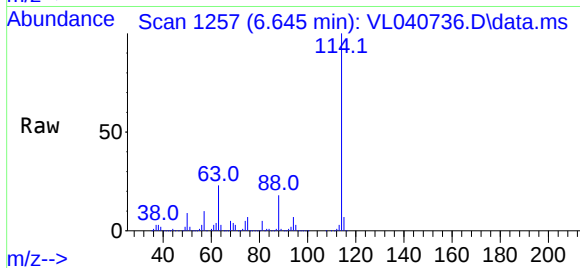
Tgt Ion:114 Resp: 3004800

Ion Ratio Lower Upper

114 100

63 24.8 21.1 31.7

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 9.930 ppbv

RT: 4.784 min Scan# 678

Delta R.T. -0.006 min

Lab File: VL040736.D

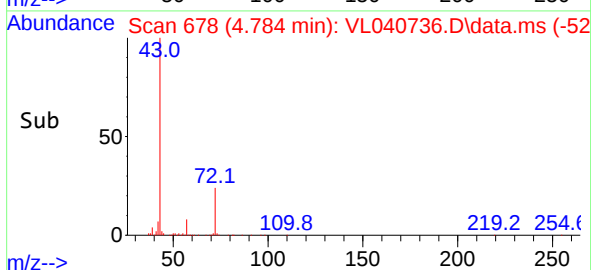
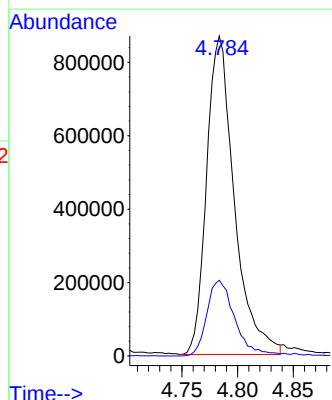
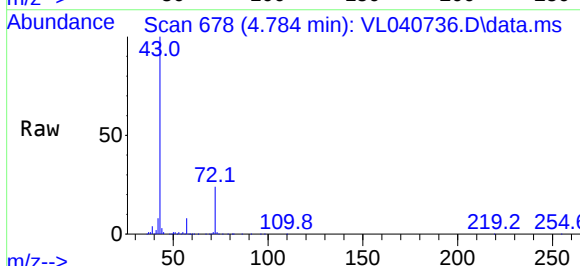
Acq: 4 Oct 2023 11:36

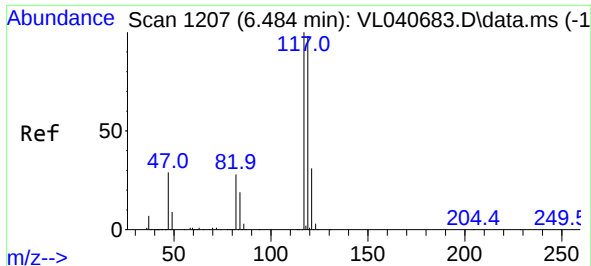
Tgt Ion: 43 Resp: 1500604

Ion Ratio Lower Upper

43 100

72 24.7 18.6 27.8

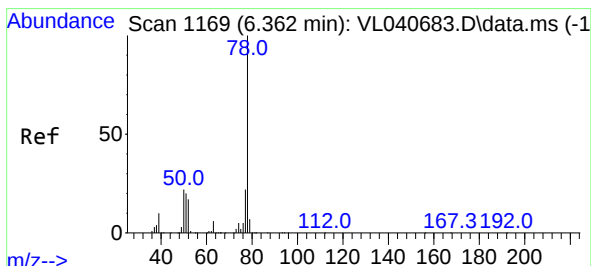
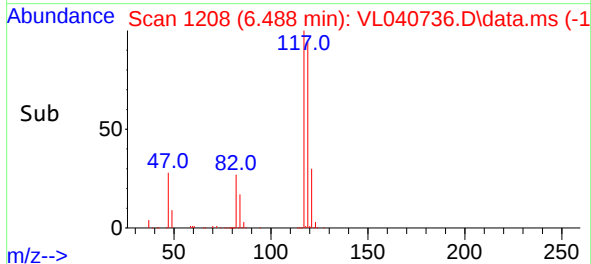
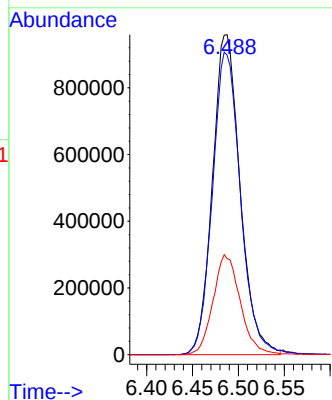
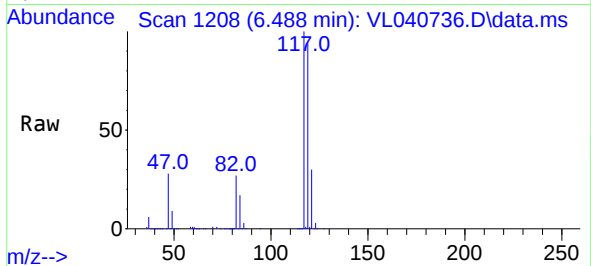




#35
Carbon Tetrachloride
Concen: 9.750 ppbv
RT: 6.488 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

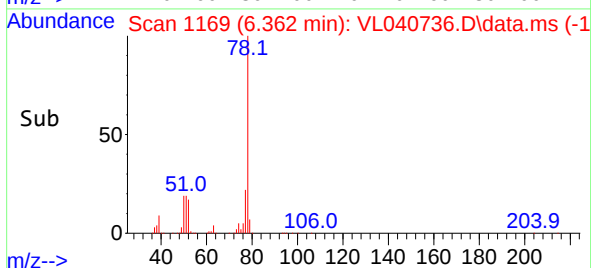
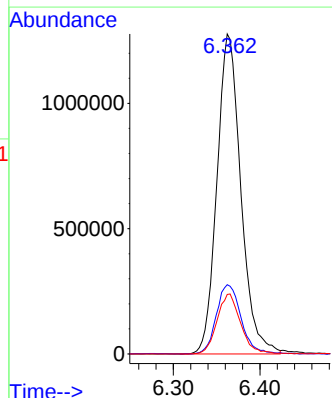
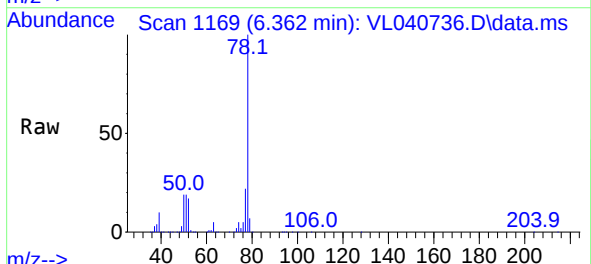
Instrument :
MSVOA_L
ClientSampleId :

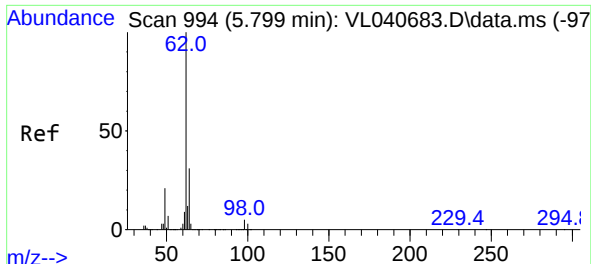
Tgt Ion:117 Resp: 2011573
Ion Ratio Lower Upper
117 100
119 93.6 78.6 117.8
121 30.1 24.7 37.1



#36
Benzene
Concen: 10.996 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 78 Resp: 2446721
Ion Ratio Lower Upper
78 100
77 21.6 17.9 26.9
50 18.6 17.3 25.9

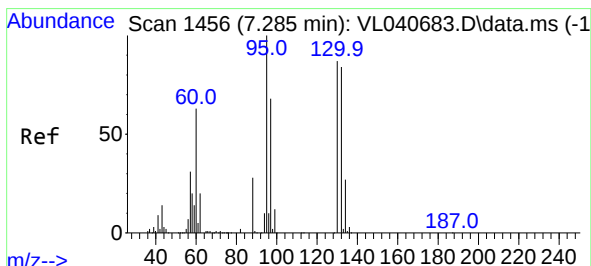
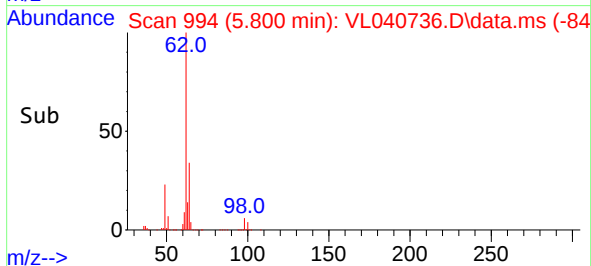
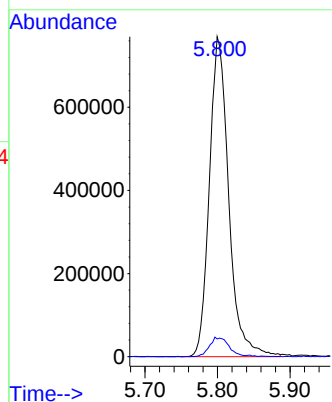
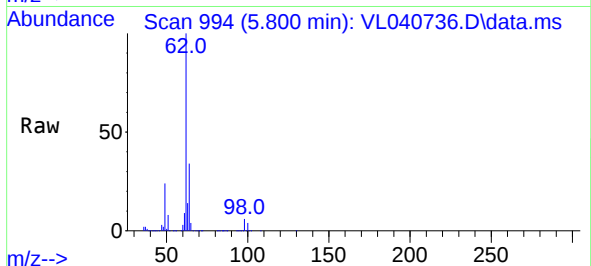




#37
1,2-Dichloroethane
Concen: 9.350 ppbv
RT: 5.800 min Scan# 994
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

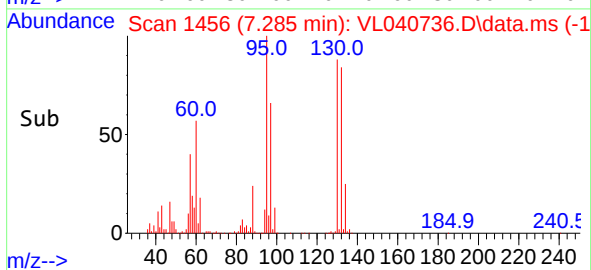
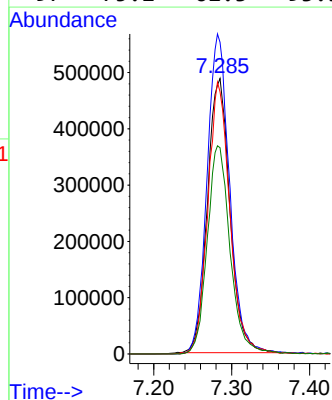
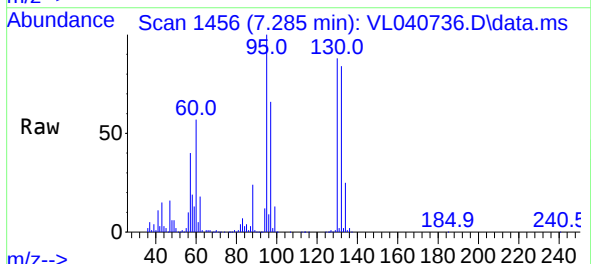
Instrument :
MSVOA_L
ClientSampleId :

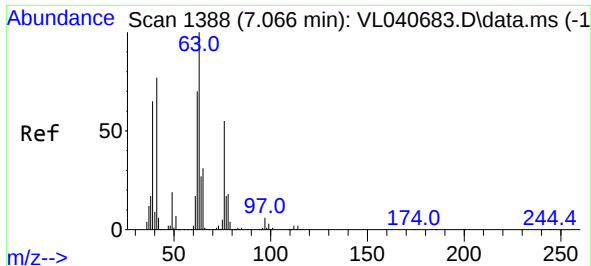
Tgt Ion: 62 Resp: 1423799
Ion Ratio Lower Upper
62 100
98 6.3 4.2 6.4



#38
Trichloroethene
Concen: 11.521 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:130 Resp: 977590
Ion Ratio Lower Upper
130 100
95 113.6 91.9 137.9
132 95.5 77.3 115.9
97 75.2 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.564 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

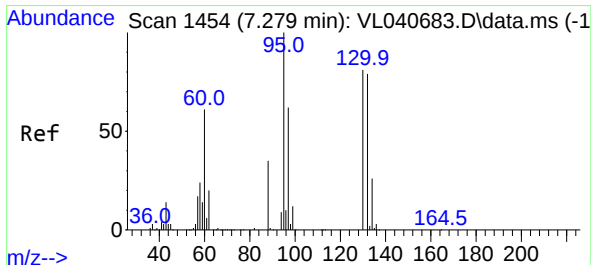
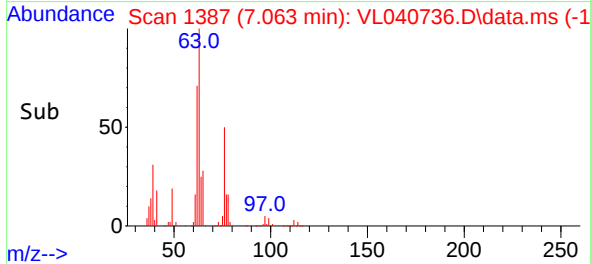
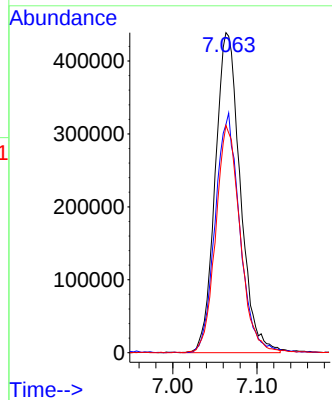
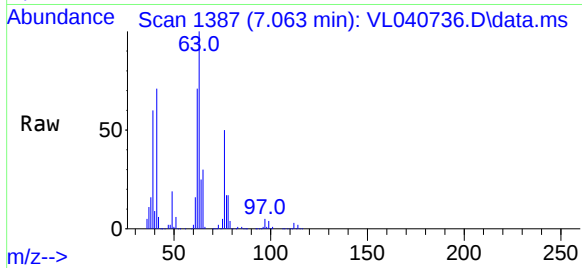
Tgt Ion: 63 Resp: 904788

Ion Ratio Lower Upper

63 100

41 71.2 61.6 92.4

62 70.9 55.8 83.8



#40

1,4-Dioxane

Concen: 12.140 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.019 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Tgt Ion: 88 Resp: 393090

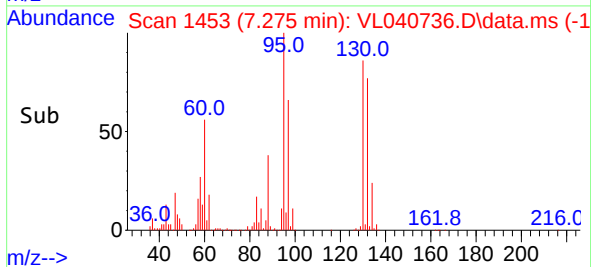
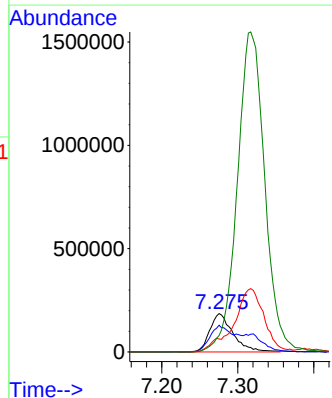
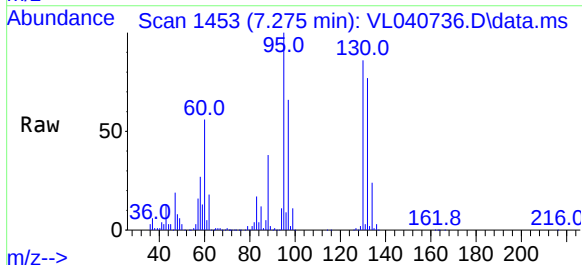
Ion Ratio Lower Upper

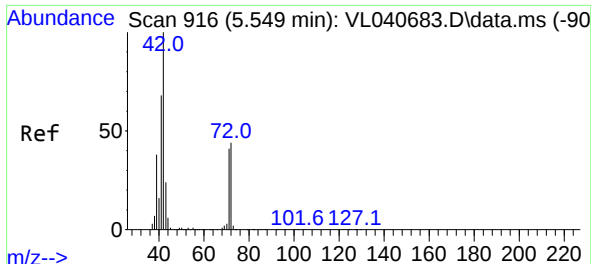
88 100

58 113.5 92.7 139.1

43 215.3 0.0 0.0#

57 992.9 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.510 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.013 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

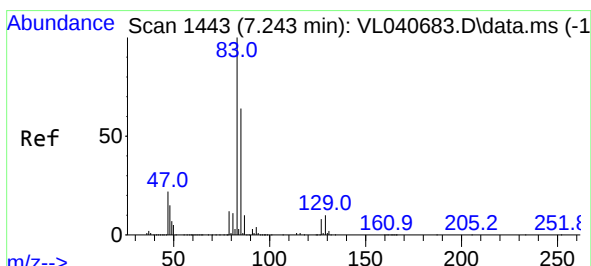
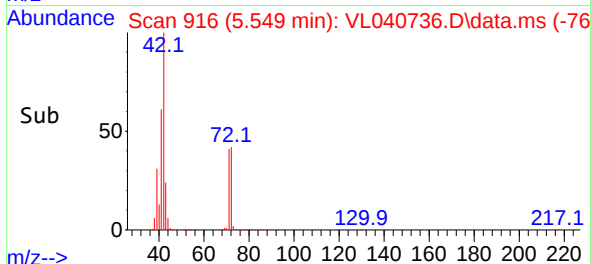
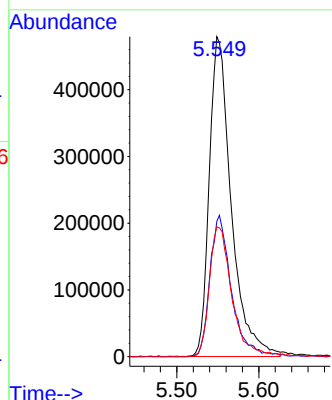
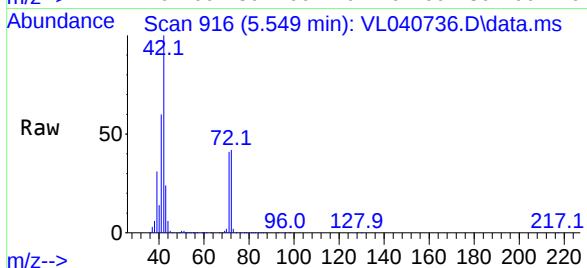
Tgt Ion: 42 Resp: 891878

Ion Ratio Lower Upper

42 100

72 43.6 34.9 52.3

71 42.1 33.8 50.8



#42

Bromodichloromethane

Concen: 10.112 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

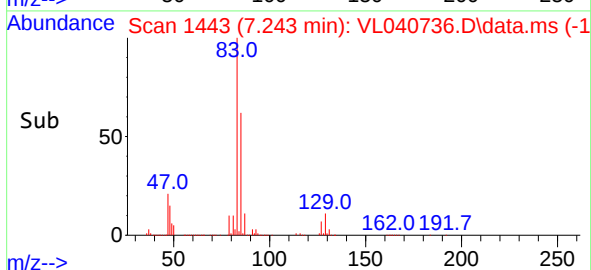
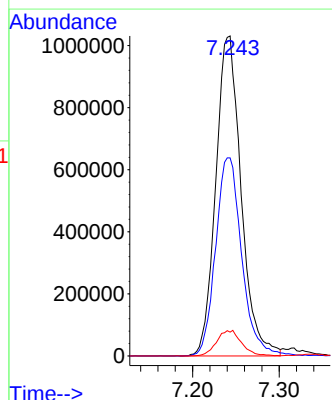
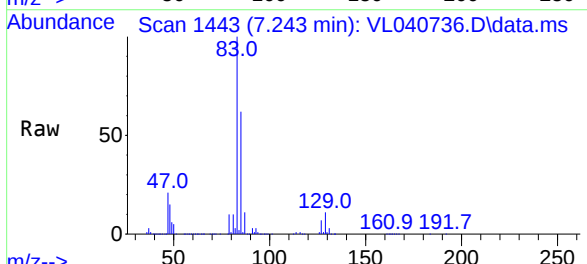
Tgt Ion: 83 Resp: 2101159

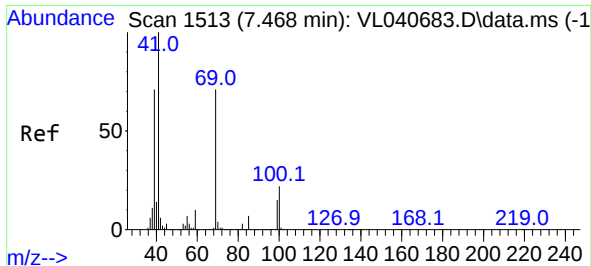
Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

127 7.5 6.2 9.4

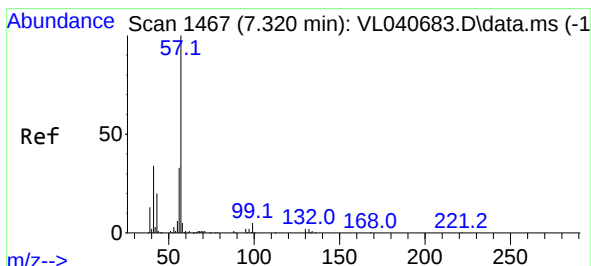
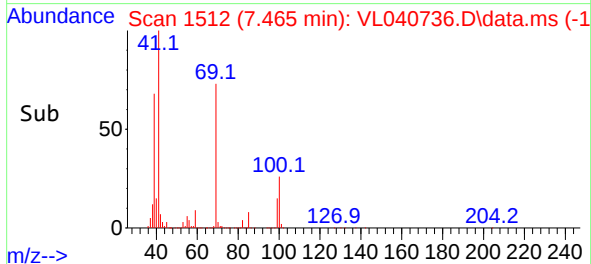
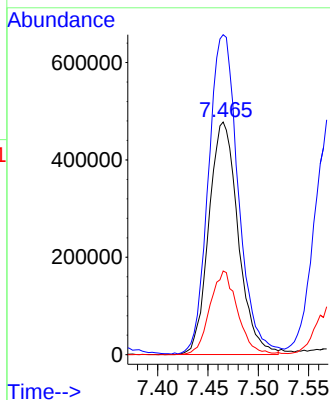
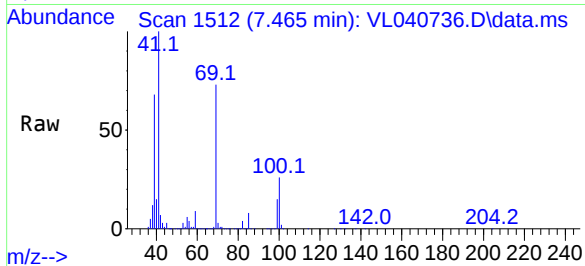




#43
Methyl Methacrylate
Concen: 11.711 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

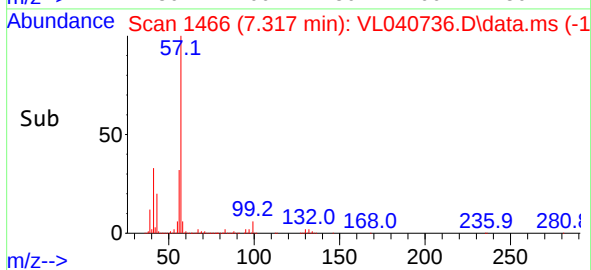
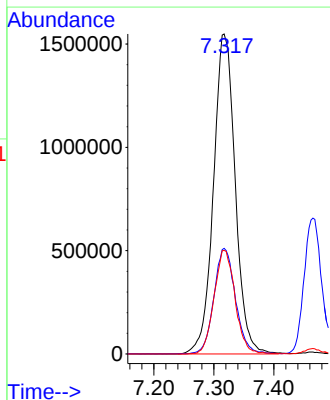
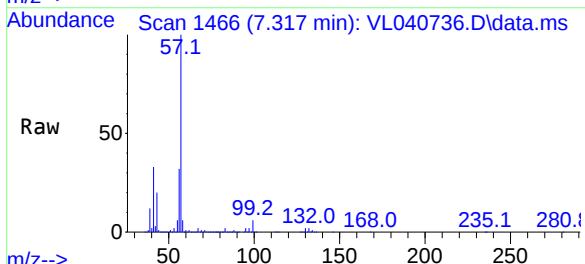
Instrument :
MSVOA_L
ClientSampleId :

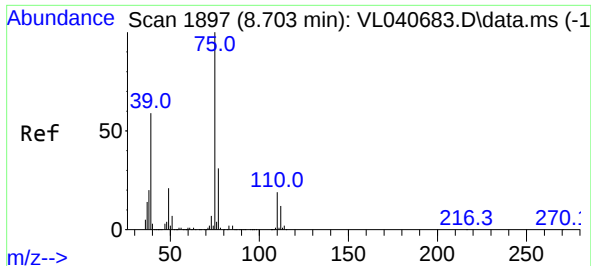
Tgt Ion: 69 Resp: 968598
Ion Ratio Lower Upper
69 100
41 140.3 113.8 170.8
100 34.0 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 11.003 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 57 Resp: 3898021
Ion Ratio Lower Upper
57 100
41 32.7 28.5 42.7
56 31.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.924 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

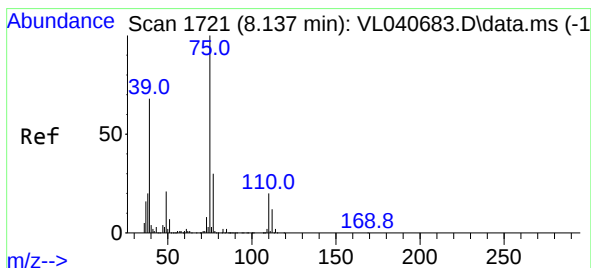
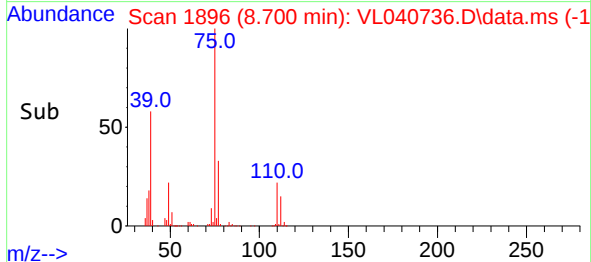
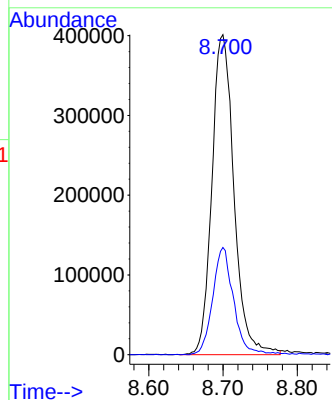
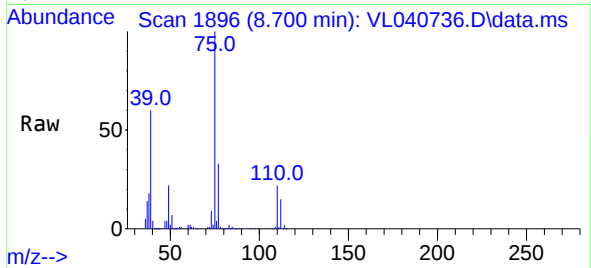
ClientSampleId :

Tgt Ion: 75 Resp: 828883

Ion Ratio Lower Upper

75 100

77 33.5 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 11.969 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.016 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

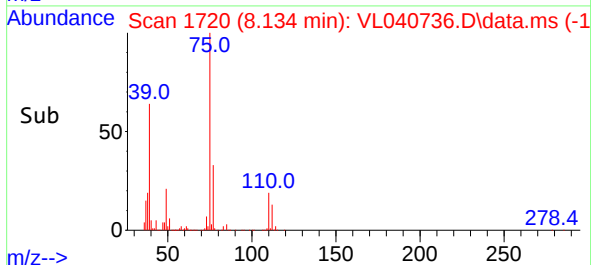
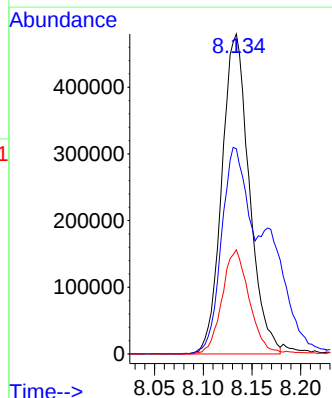
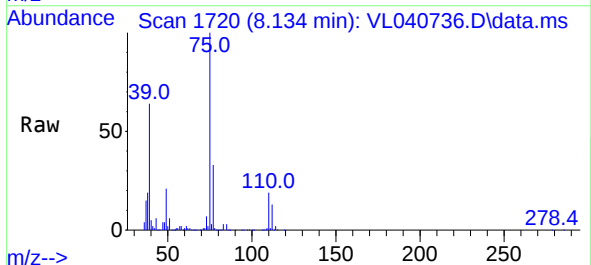
Tgt Ion: 75 Resp: 939180

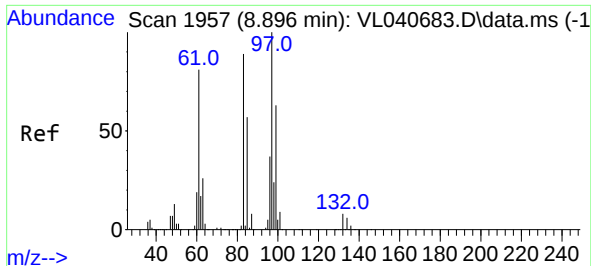
Ion Ratio Lower Upper

75 100

39 64.0 54.0 81.0

77 32.5 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 10.510 ppbv

RT: 8.886 min Scan# 1957

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1033092

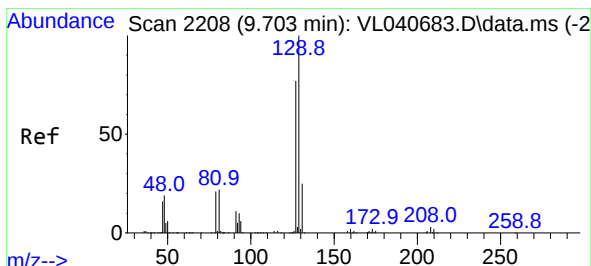
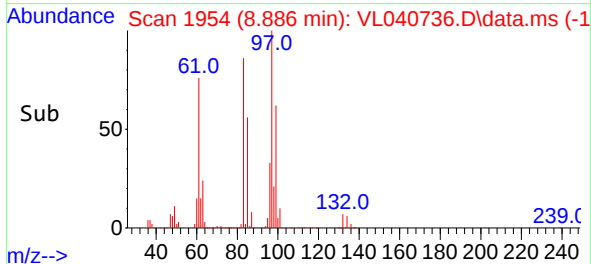
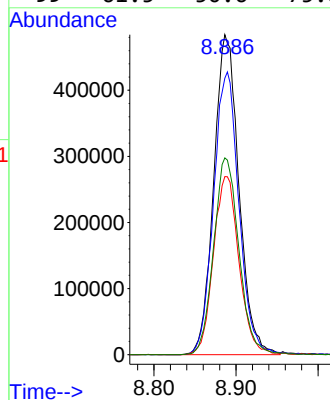
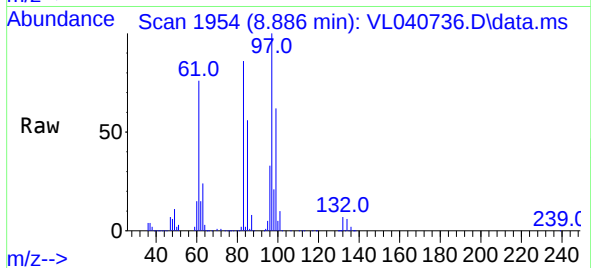
Ion Ratio Lower Upper

97 100

83 86.4 70.8 106.2

85 55.6 45.7 68.5

99 61.5 50.6 75.8



#48

Dibromochloromethane

Concen: 11.010 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.022 min

Lab File: VL040736.D

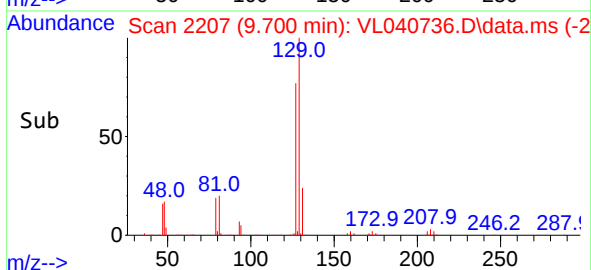
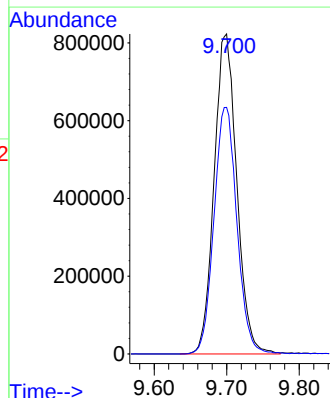
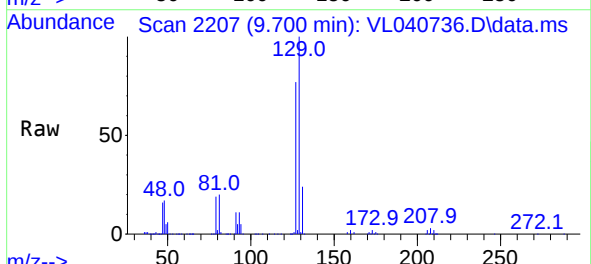
Acq: 4 Oct 2023 11:36

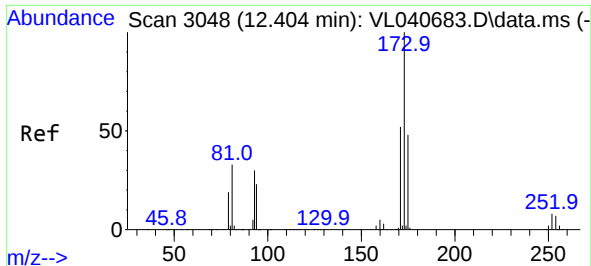
Tgt Ion: 129 Resp: 1785170

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.2

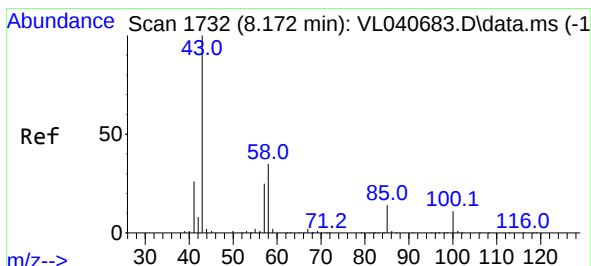
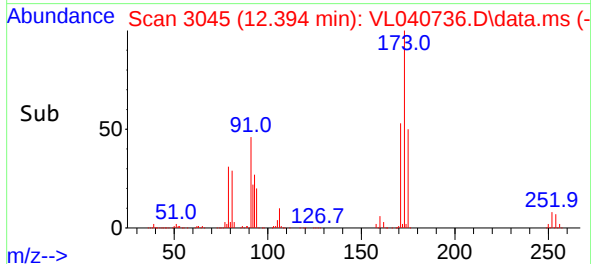
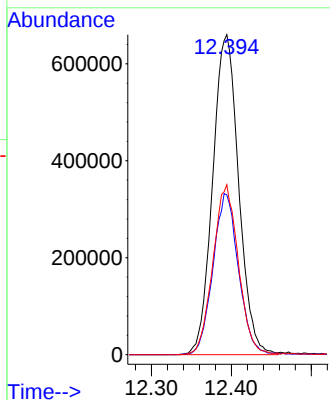
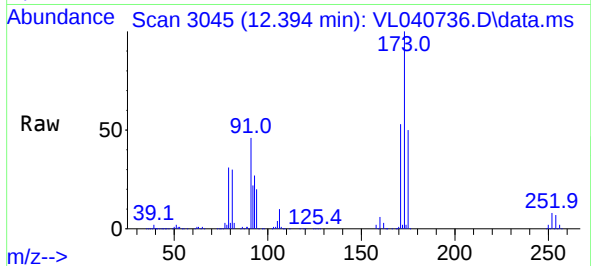




#49
Bromoform
Concen: 11.186 ppbv
RT: 12.394 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

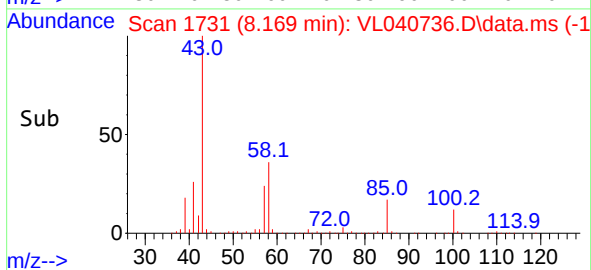
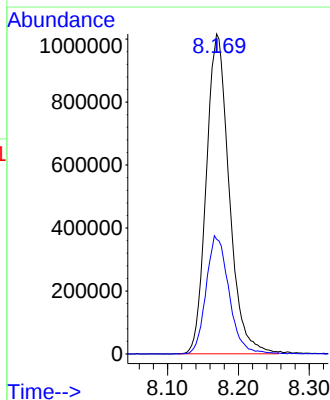
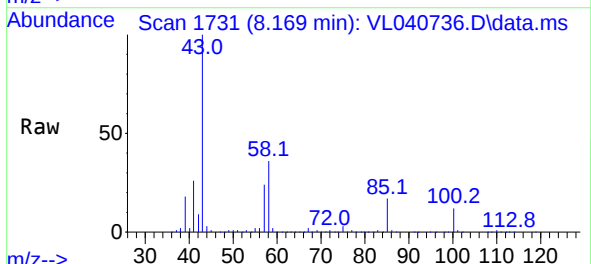
Instrument :
MSVOA_L
ClientSampleId :

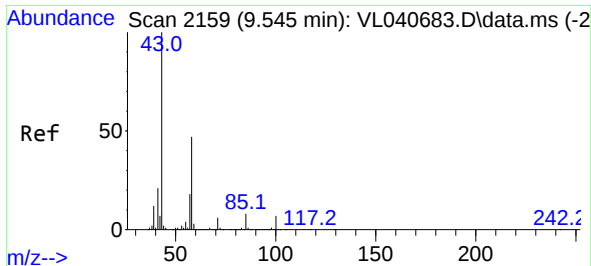
Tgt Ion:173 Resp: 1489546
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
171 51.9 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 11.152 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 43 Resp: 2277222
Ion Ratio Lower Upper
43 100
58 37.1 28.2 42.4

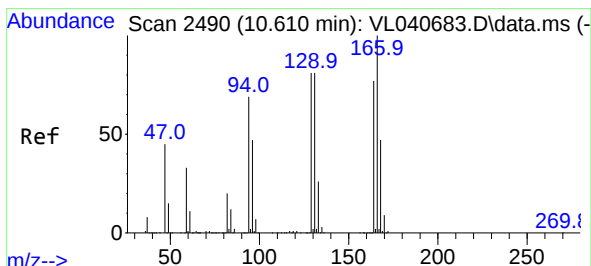
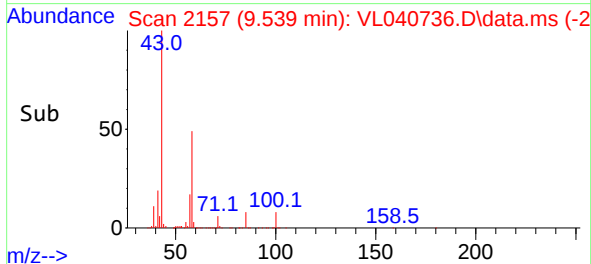
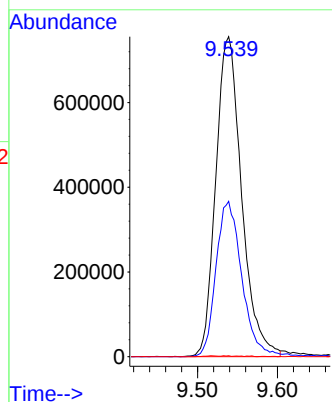
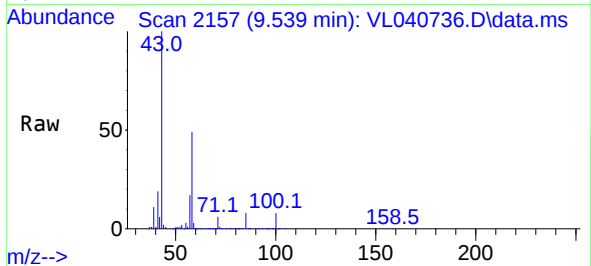




#51
2-Hexanone
Concen: 12.014 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.016 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

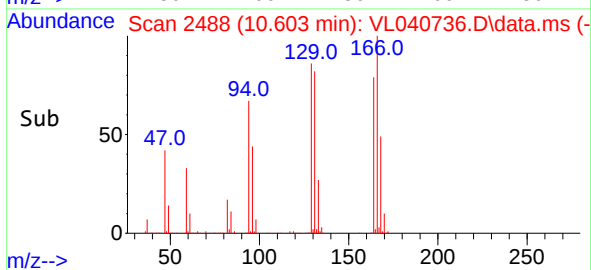
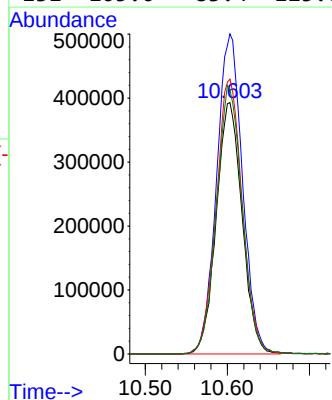
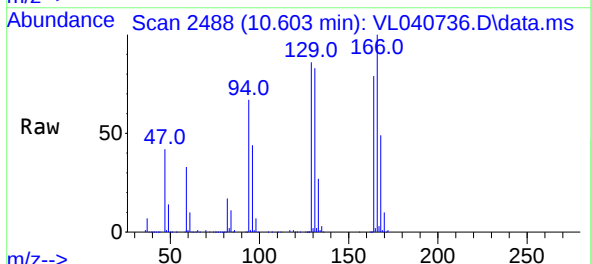
Instrument :
MSVOA_L
ClientSampleId :

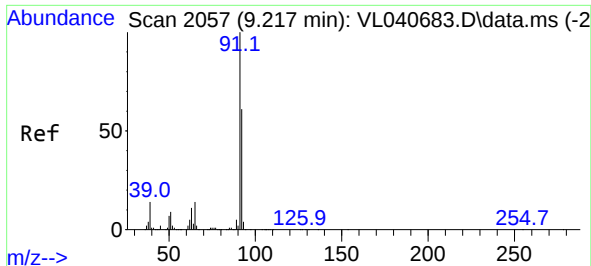
Tgt Ion: 43 Resp: 1693313
Ion Ratio Lower Upper
43 100
58 49.1 37.6 56.4
98 0.4 0.6 1.0#



#52
Tetrachloroethene
Concen: 11.835 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:164 Resp: 859028
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.2
129 109.3 83.5 125.3
131 105.0 83.4 125.0

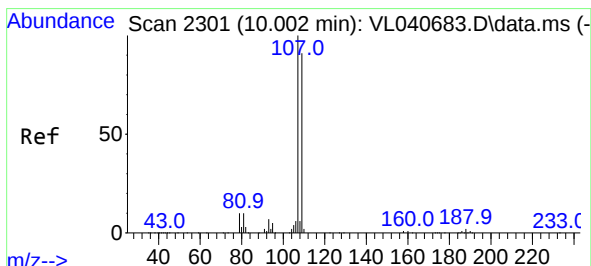
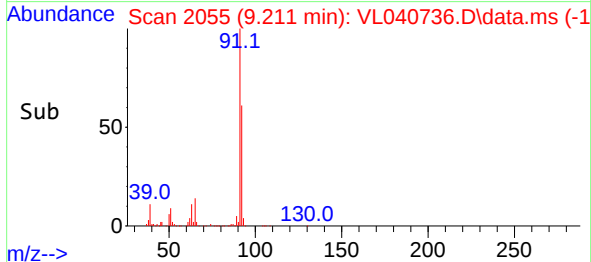
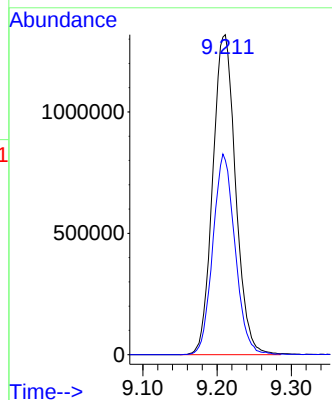
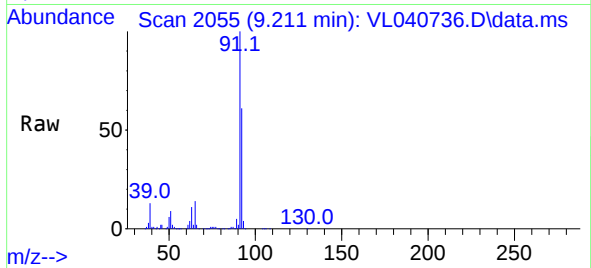




#53
Toluene
Concen: 12.017 ppbv
RT: 9.211 min Scan# 2057
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

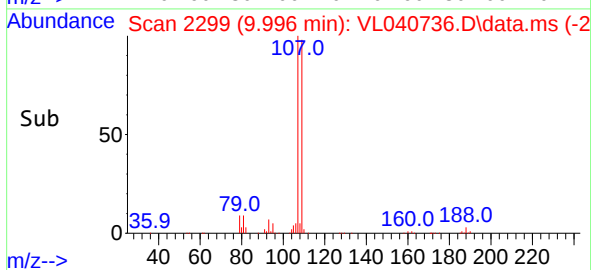
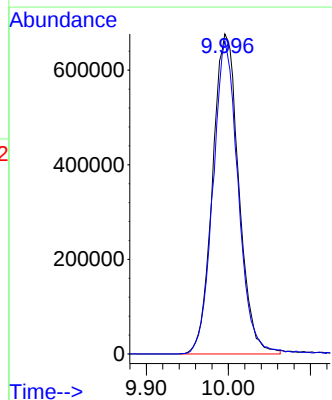
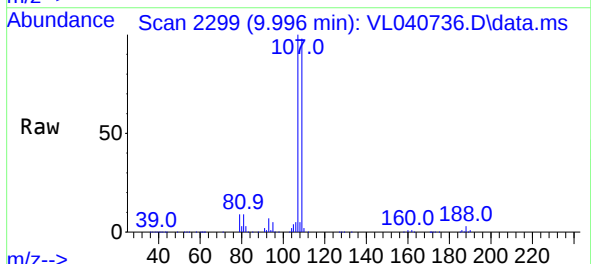
Instrument :
MSVOA_L
ClientSampleId :

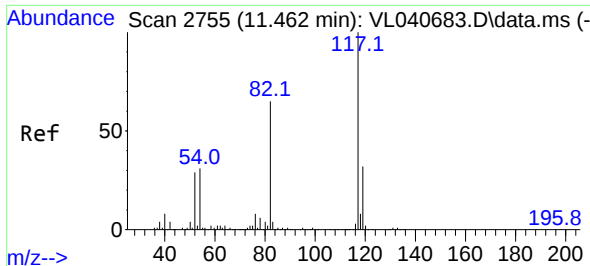
Tgt Ion: 91 Resp: 2822955
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7



#54
1,2-Dibromoethane
Concen: 11.967 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 107 Resp: 1501367
Ion Ratio Lower Upper
107 100
109 97.7 72.4 108.6

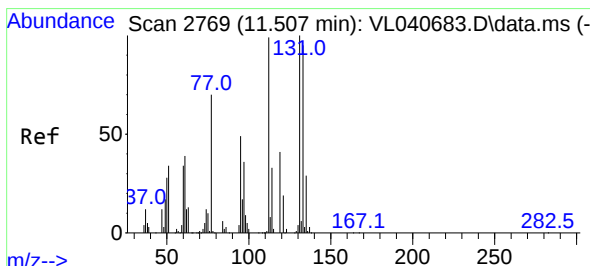
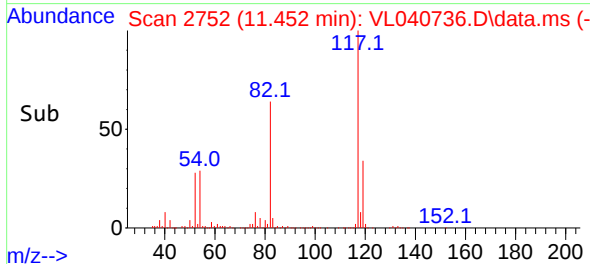
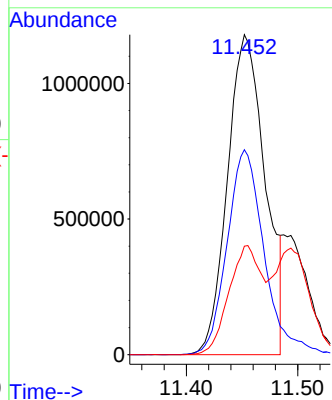
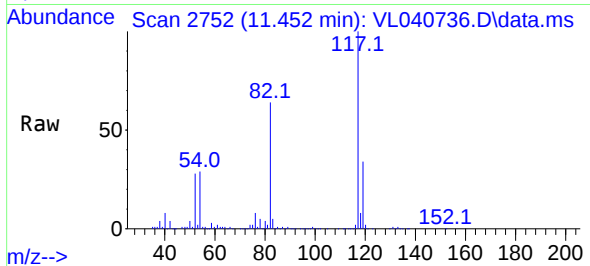




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

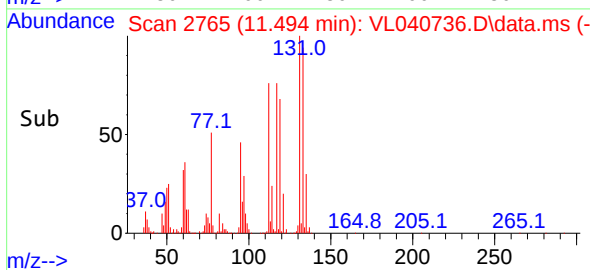
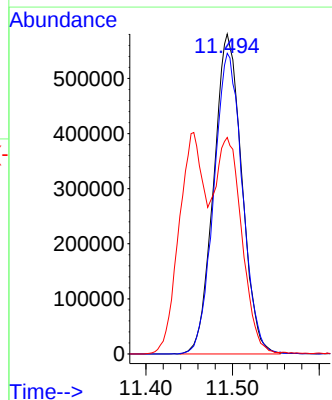
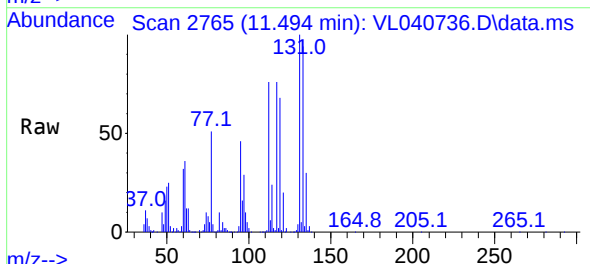
Instrument :
MSVOA_L
ClientSampleId :

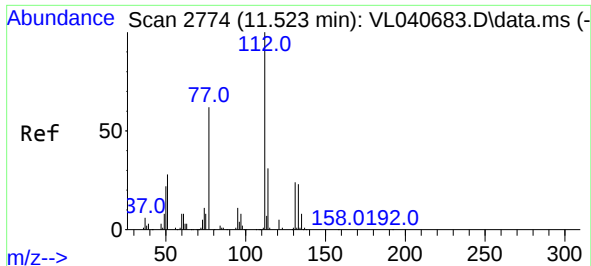
Tgt Ion:117 Resp: 2774692
Ion Ratio Lower Upper
117 100
82 63.4 51.4 77.0
119 29.5 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.892 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

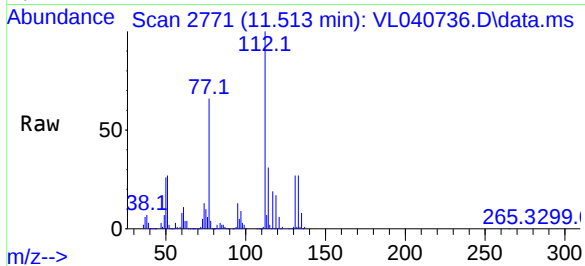
Tgt Ion:131 Resp: 1308292
Ion Ratio Lower Upper
131 100
133 95.5 76.2 114.2
119 59.7 45.5 68.3



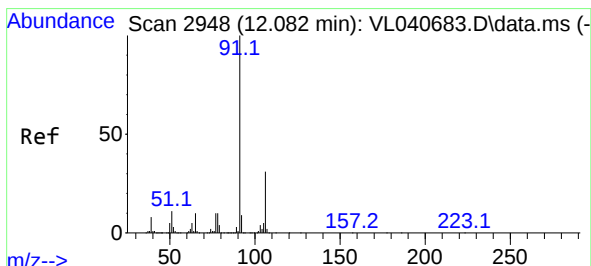
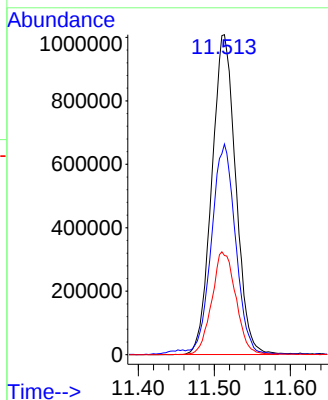
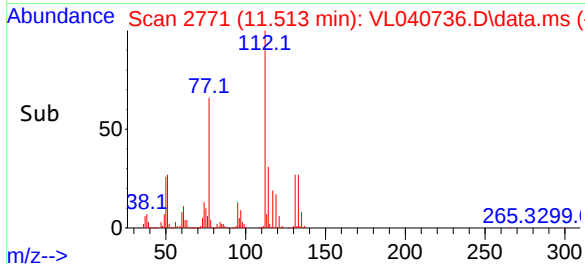


#57
Chlorobenzene
Concen: 10.491 ppbv
RT: 11.513 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :

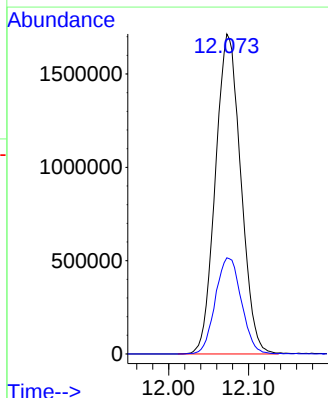
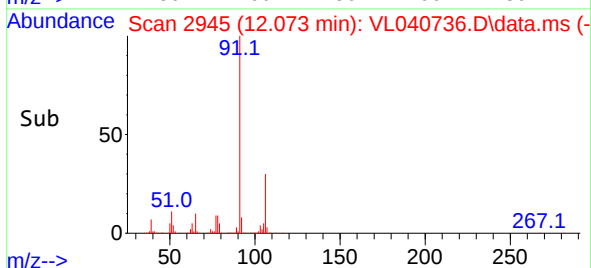
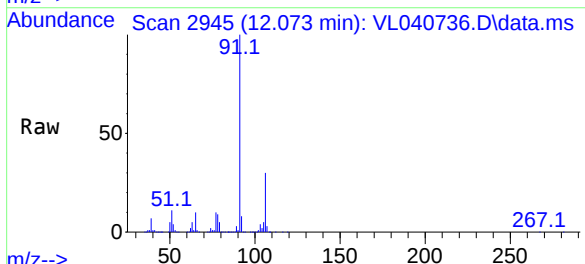


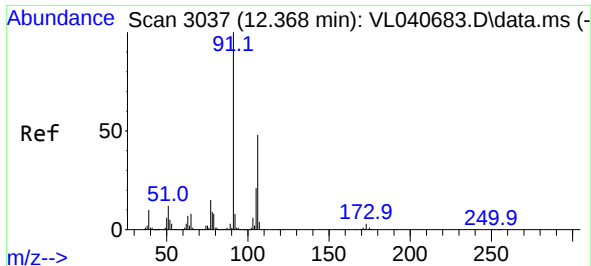
Tgt Ion:112 Resp: 2204465
Ion Ratio Lower Upper
112 100
77 65.6 50.8 76.2
114 31.0 28.2 34.4



#58
Ethyl Benzene
Concen: 11.937 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 91 Resp: 3776296
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1





#59

m/p-Xylene

Concen: 12.913 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.022 min

Lab File: VL040736.D

Acq: 4 Oct 2023 11:36

Instrument :

MSVOA_L

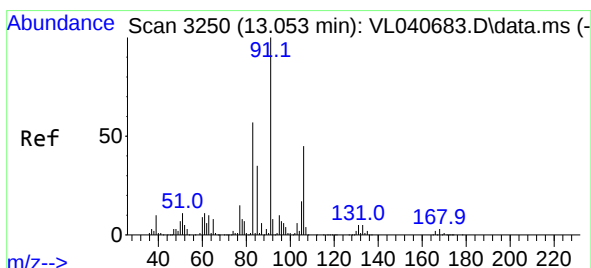
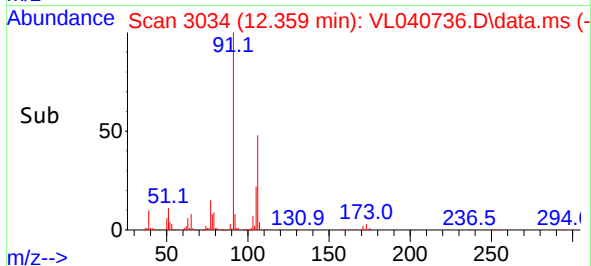
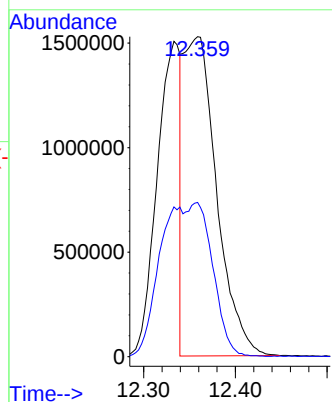
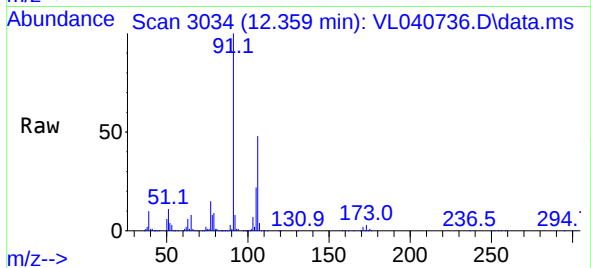
ClientSampleId :

Tgt Ion: 91 Resp: 3835847

Ion Ratio Lower Upper

91 100

106 75.5 34.8 52.2#



#60

o-Xylene

Concen: 10.992 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.022 min

Lab File: VL040736.D

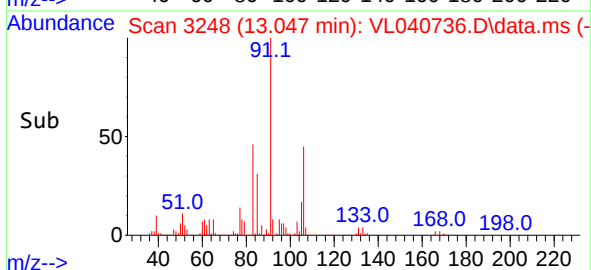
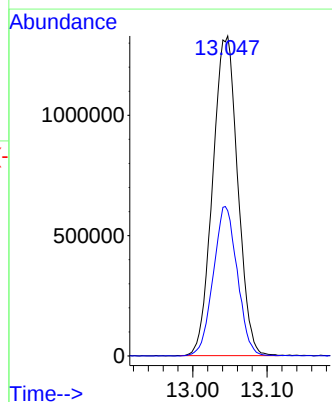
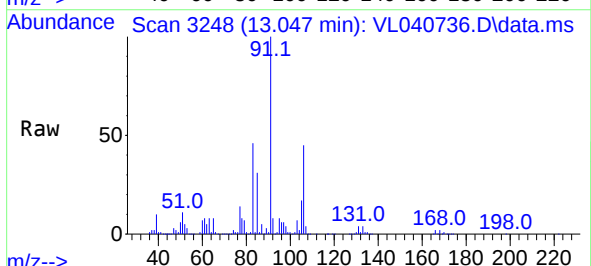
Acq: 4 Oct 2023 11:36

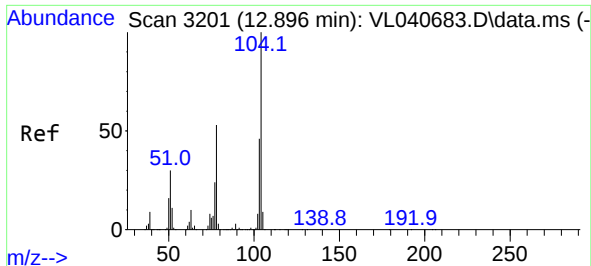
Tgt Ion: 91 Resp: 3113834

Ion Ratio Lower Upper

91 100

106 45.0 22.3 66.9

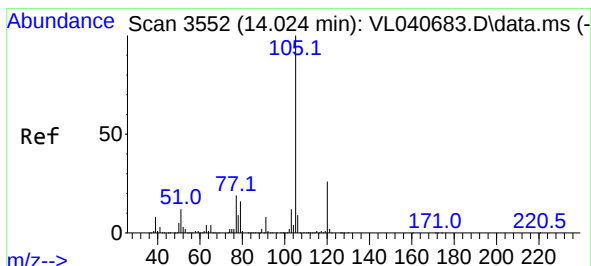
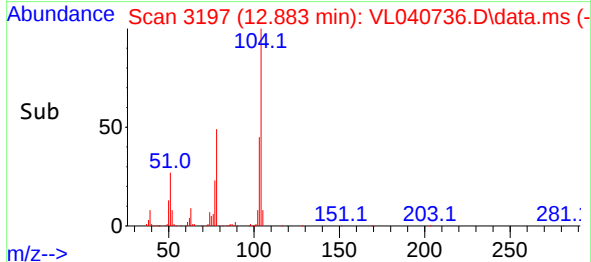
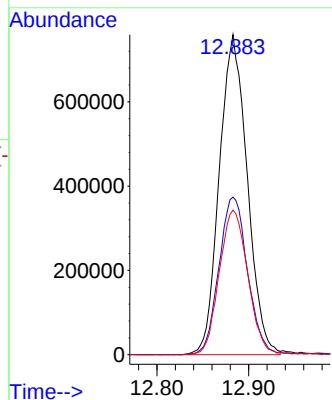
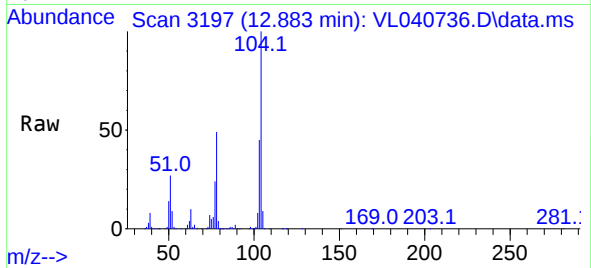




#61
Styrene
Concen: 13.510 ppbv
RT: 12.883 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

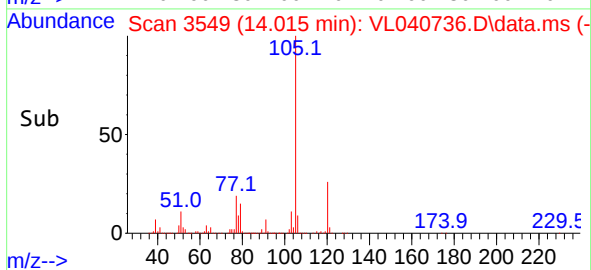
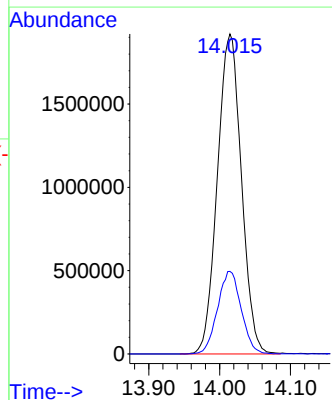
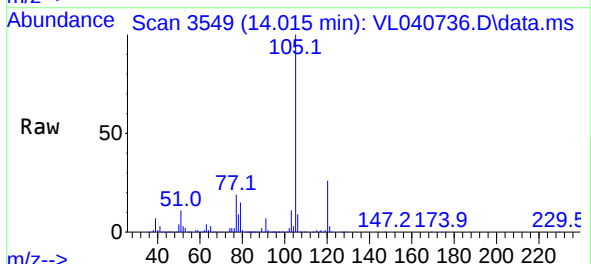
Instrument :
MSVOA_L
ClientSampleId :

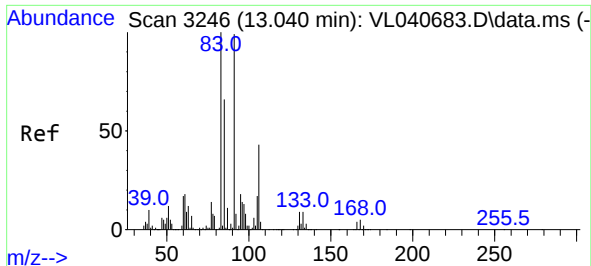
Tgt Ion:104 Resp: 1604023
Ion Ratio Lower Upper
104 100
78 50.8 43.4 65.0
103 46.5 37.2 55.8



#62
Isopropylbenzene
Concen: 10.581 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:105 Resp: 4525795
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4

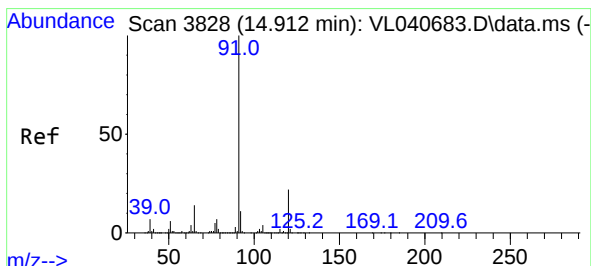
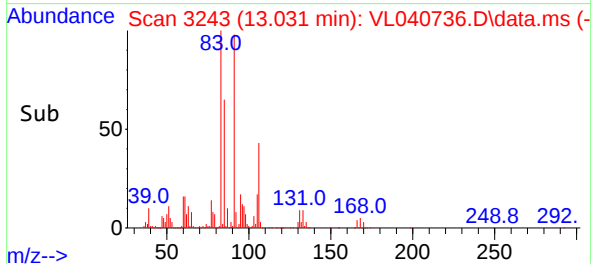
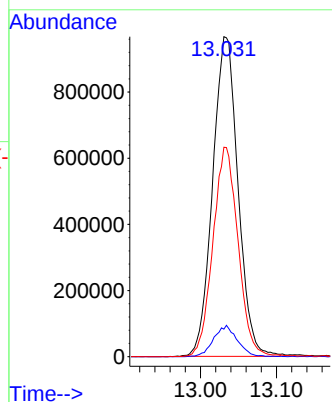
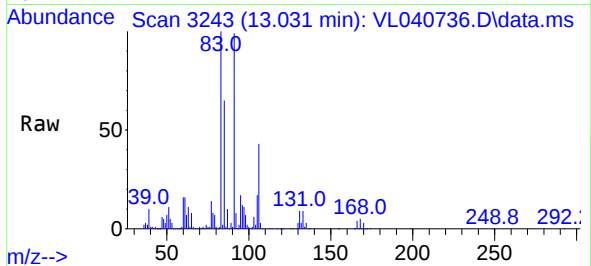




#63
1,1,2,2-Tetrachloroethane
Concen: 10.075 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

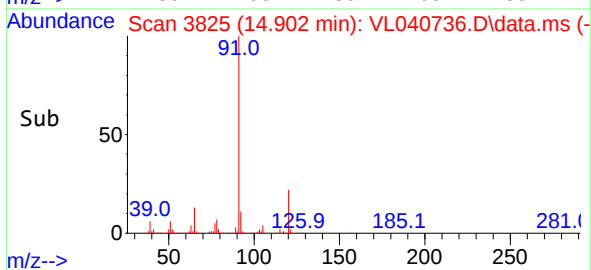
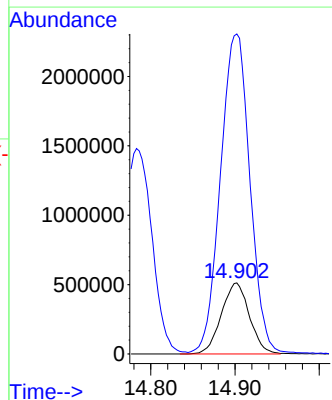
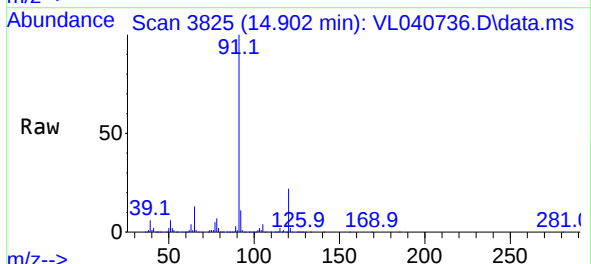
Instrument :
MSVOA_L
ClientSampleId :

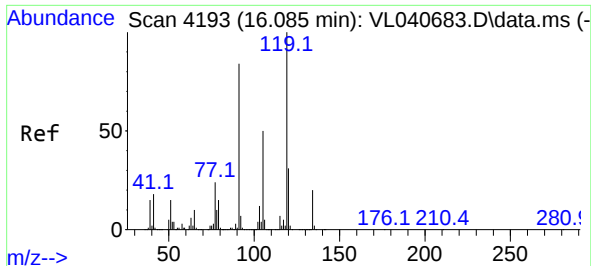
Tgt Ion: 83 Resp: 2236856
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 65.2 33.1 99.3



#64
n-propylbenzene
Concen: 11.053 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:120 Resp: 1182054
Ion Ratio Lower Upper
120 100
91 475.6 386.9 580.3

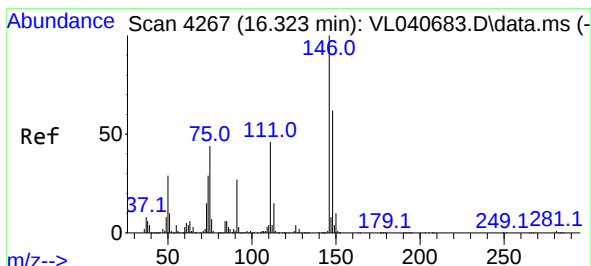
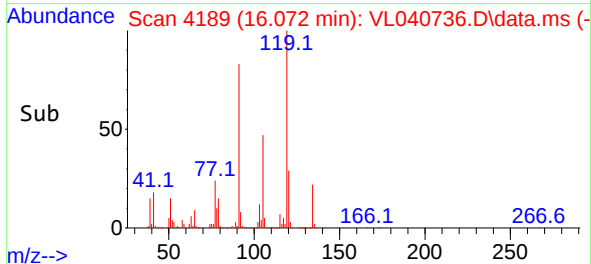
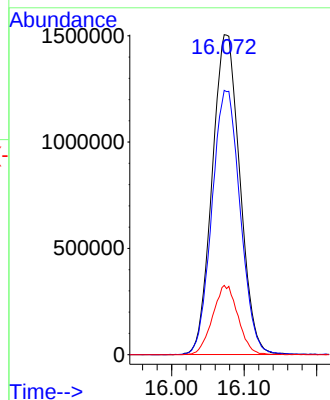
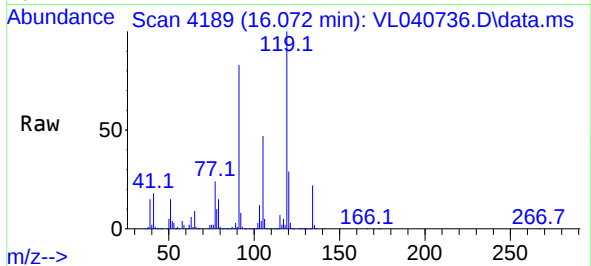




#65
tert-Butylbenzene
Concen: 10.387 ppbv
RT: 16.072 min Scan# 4193
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

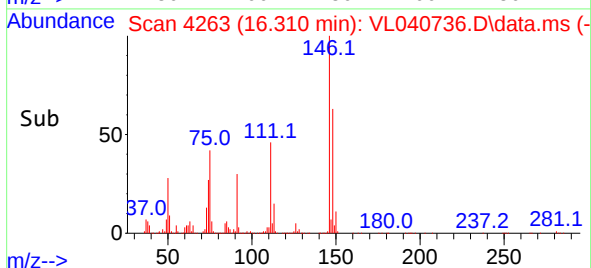
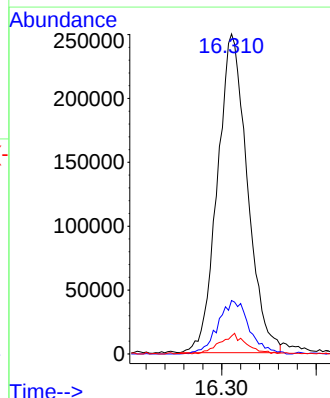
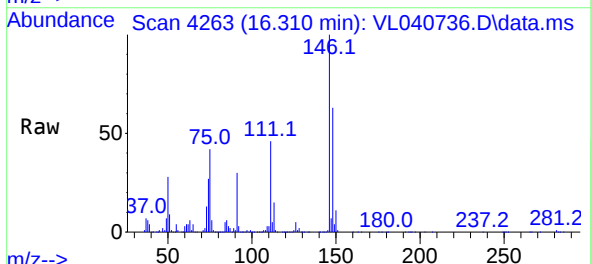
Instrument :
MSVOA_L
ClientSampleId :

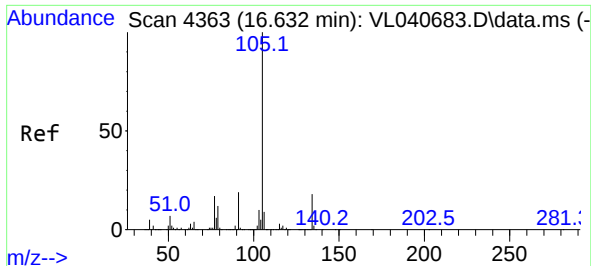
Tgt Ion:119 Resp: 3987447
Ion Ratio Lower Upper
119 100
91 84.7 69.8 104.8
134 20.0 15.4 23.2



#66
Benzyl Chloride
Concen: 12.240 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 91 Resp: 548406
Ion Ratio Lower Upper
91 100
126 17.6 13.6 20.4
128 6.1 4.4 6.6

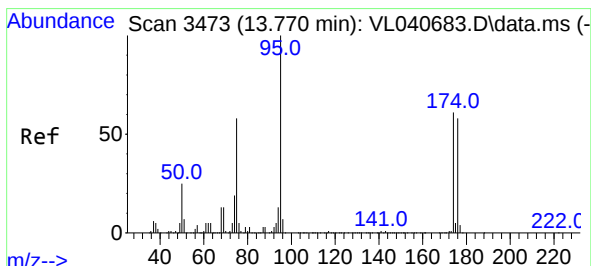
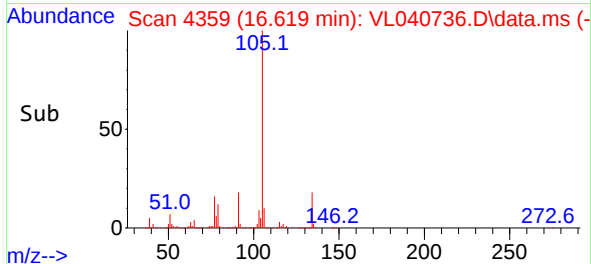
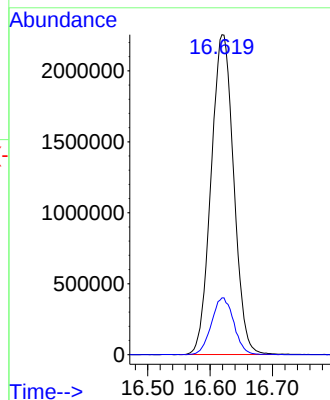
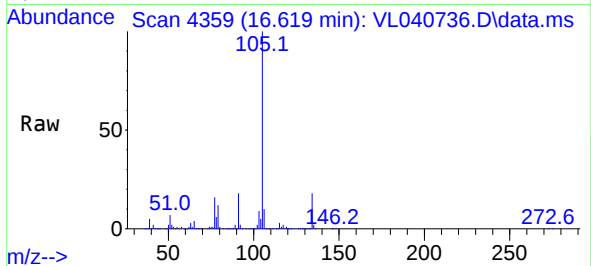




#67
 sec-Butylbenzene
 Concen: 10.340 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

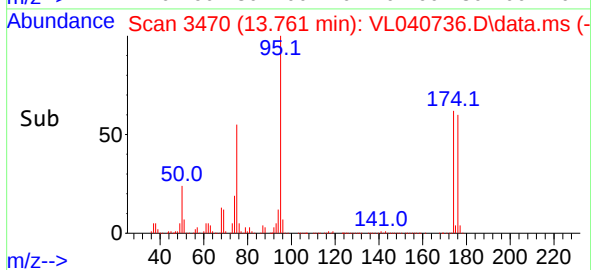
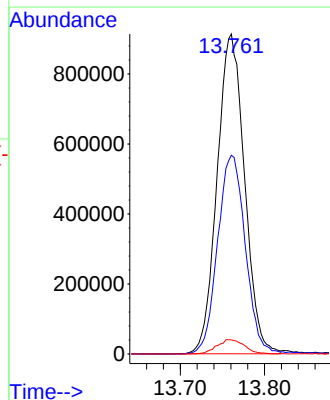
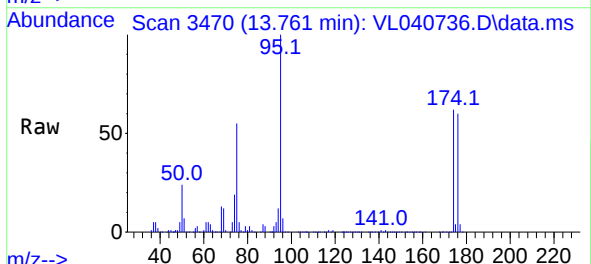
Instrument :
 MSVOA_L
 ClientSampleId :

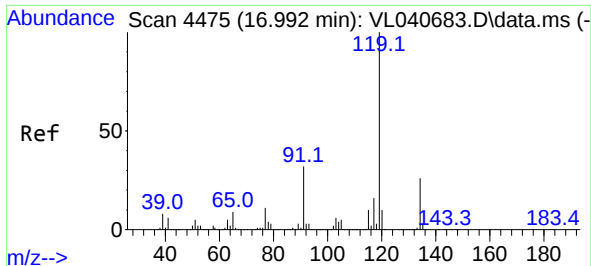
Tgt Ion:105 Resp: 5682427
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.621 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Tgt Ion: 95 Resp: 2062612
 Ion Ratio Lower Upper
 95 100
 174 63.0 48.9 73.3
 175 4.5 3.5 5.3

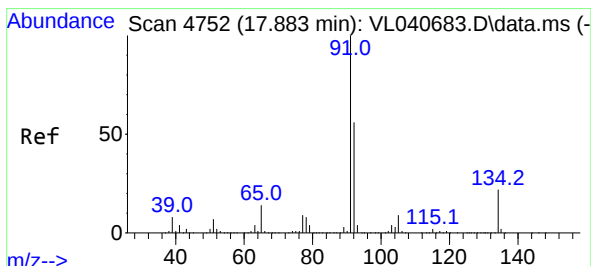
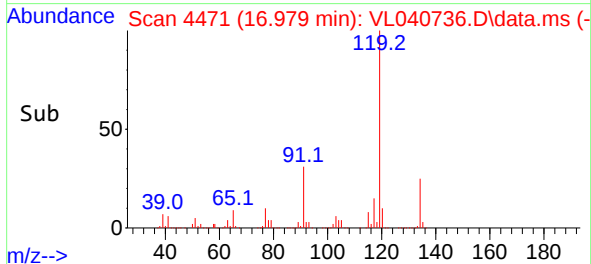
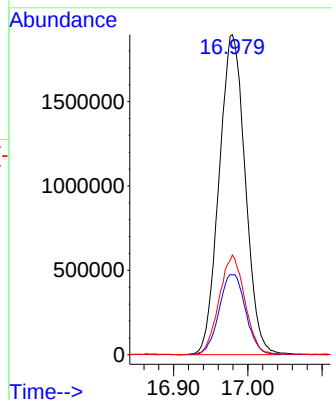
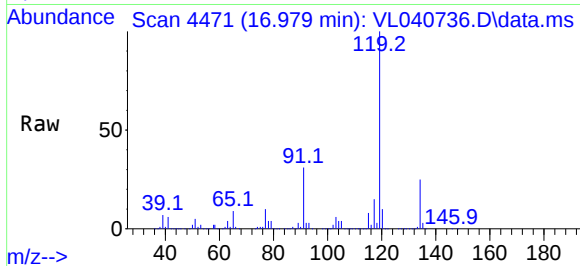




#69
p-Isopropyltoluene
Concen: 10.726 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

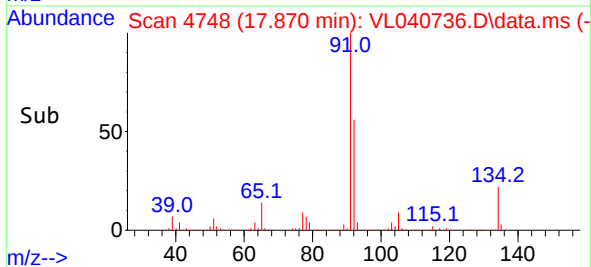
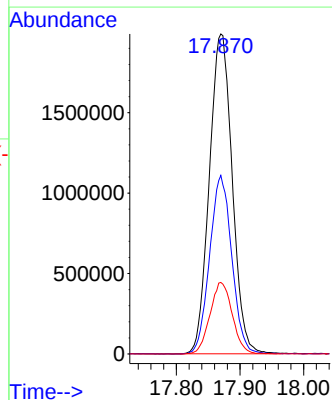
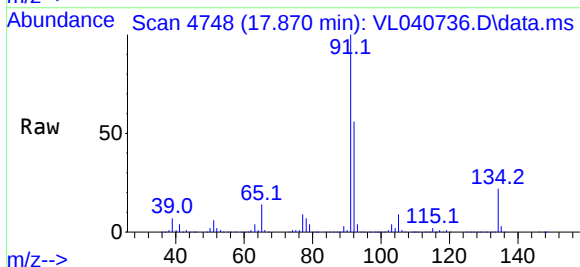
Instrument :
MSVOA_L
ClientSampleId :

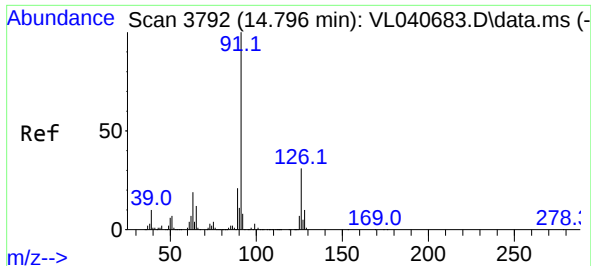
Tgt Ion:119 Resp: 4632950
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 30.6 25.0 37.6



#70
n-Butylbenzene
Concen: 10.456 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion: 91 Resp: 4970708
Ion Ratio Lower Upper
91 100
92 54.2 42.7 64.1
134 21.9 17.0 25.4

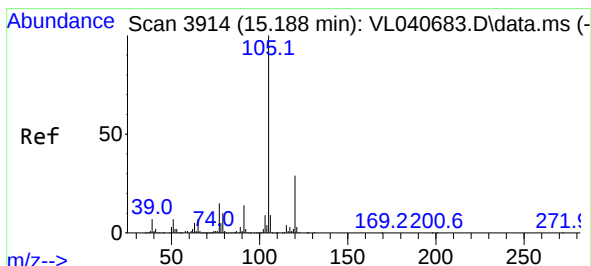
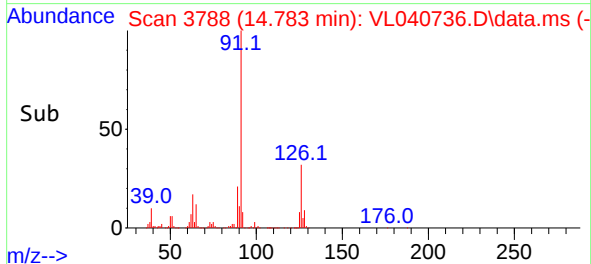
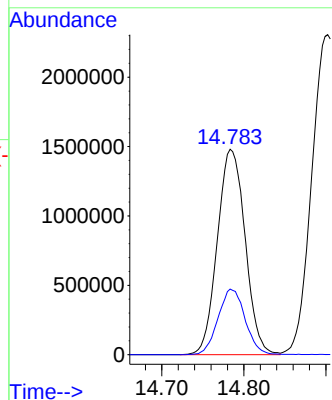
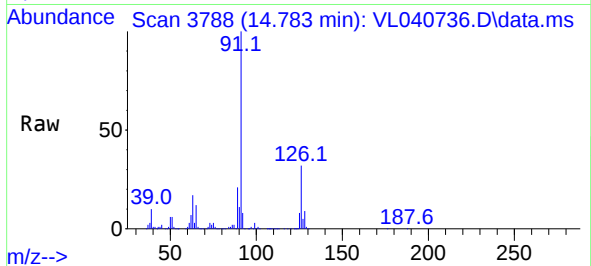




#71
2-Chlorotoluene
Concen: 11.022 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

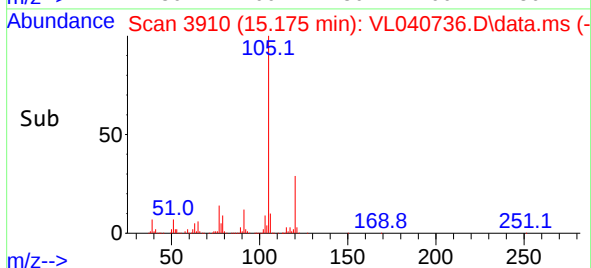
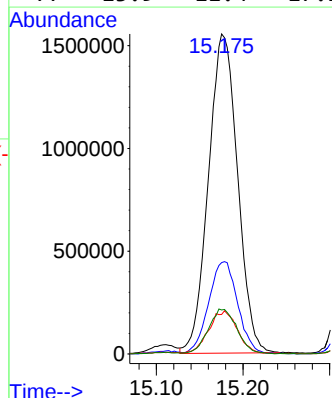
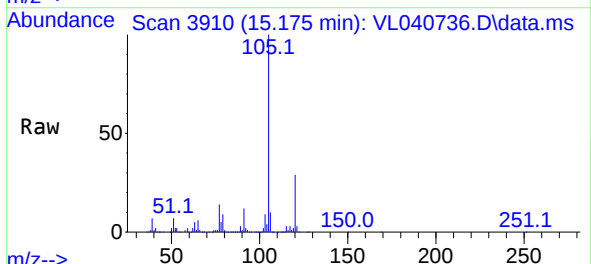
Instrument :
MSVOA_L
ClientSampleId :

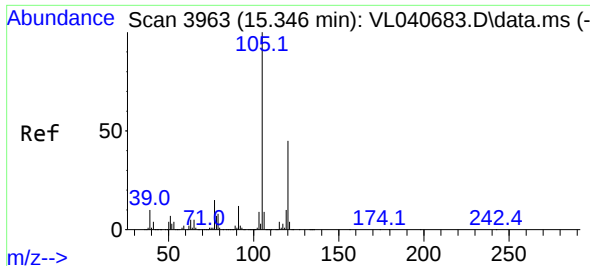
Tgt Ion: 91 Resp: 3488003
Ion Ratio Lower Upper
91 100
126 31.2 12.0 47.8



#72
4-Ethyltoluene
Concen: 11.438 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:105 Resp: 3633526
Ion Ratio Lower Upper
105 100
120 29.8 23.9 35.9
91 13.8 11.0 16.4
77 13.9 11.4 17.2

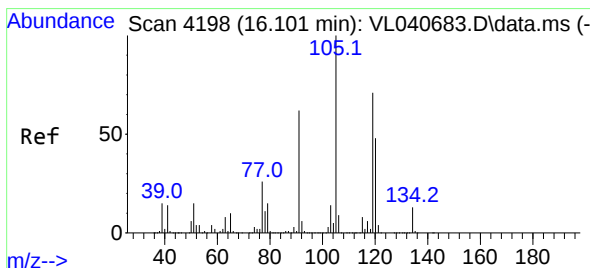
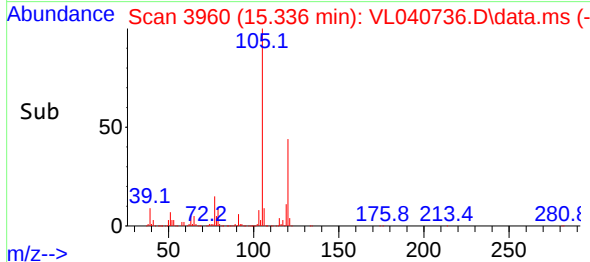
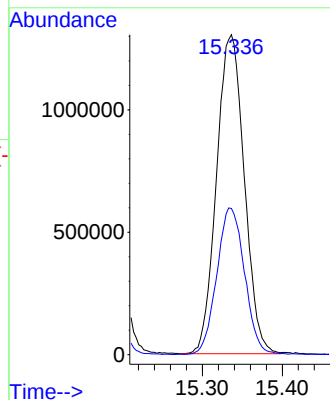
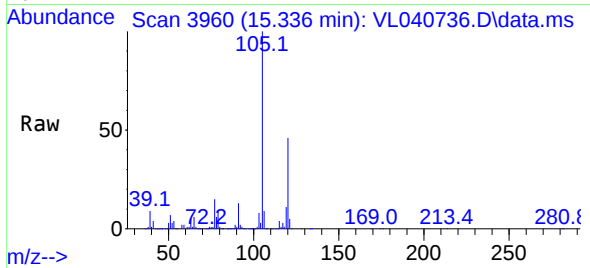




#73
1,3,5-Trimethylbenzene
Concen: 10.963 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

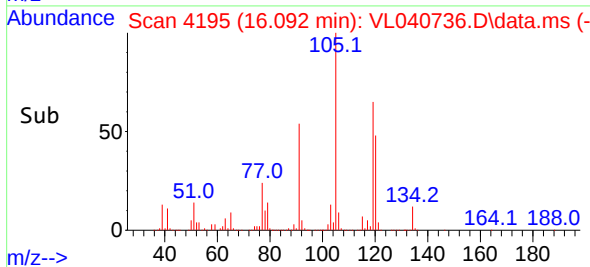
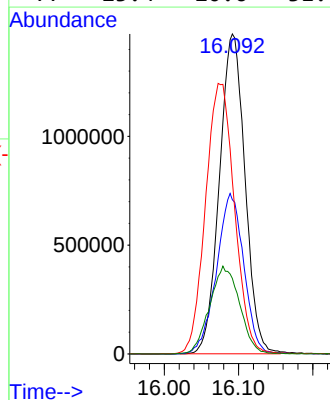
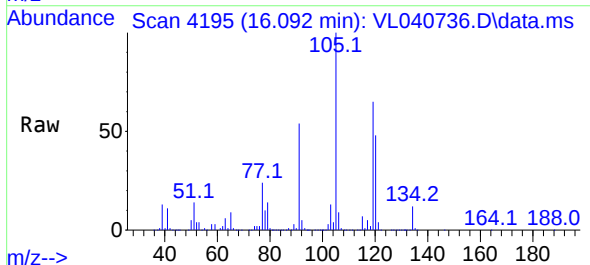
Instrument :
MSVOA_1
ClientSampleId :

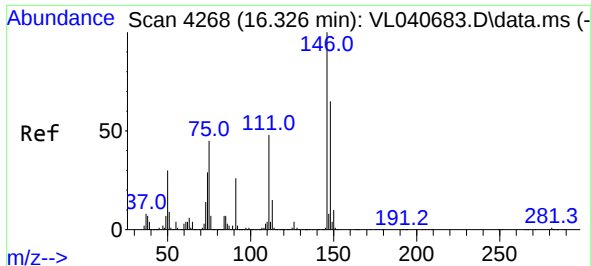
Tgt Ion:105 Resp: 3136104
Ion Ratio Lower Upper
105 100
120 45.7 36.1 54.1



#74
1,2,4-Trimethylbenzene
Concen: 10.101 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:105 Resp: 3522231
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8
91 53.9 50.0 75.0
77 23.4 20.6 31.0

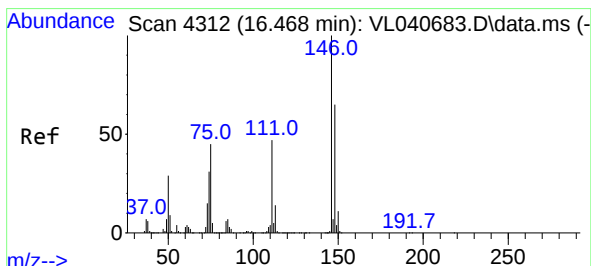
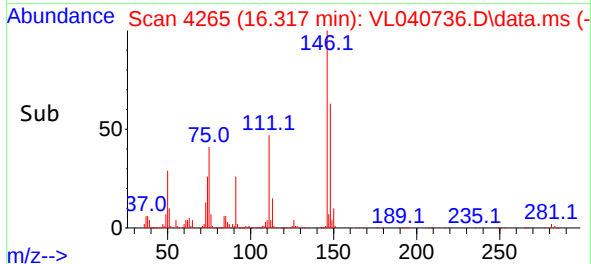
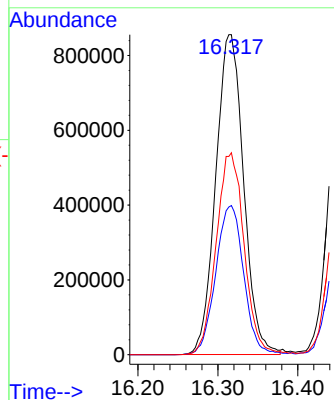
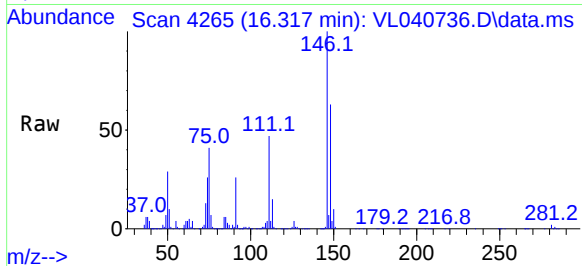




#75
1,3-Dichlorobenzene
Concen: 10.417 ppbv
RT: 16.317 min Scan# 4307
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

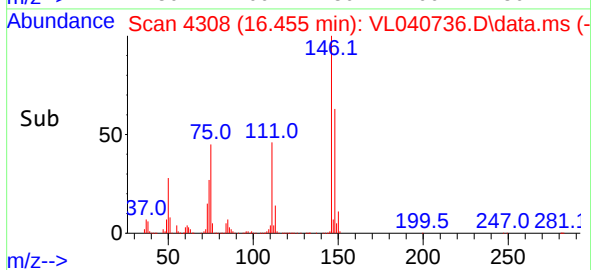
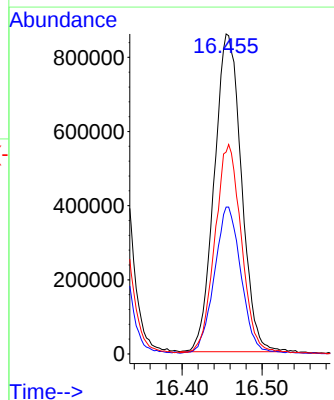
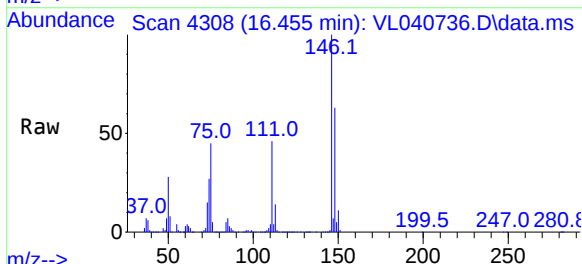
Instrument :
MSVOA_L
ClientSampleId :

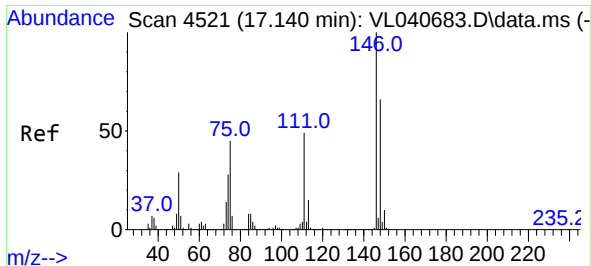
Tgt Ion:146 Resp: 2069693
Ion Ratio Lower Upper
146 100
111 47.0 23.9 71.7
148 63.4 31.8 95.4



#76
1,4-Dichlorobenzene
Concen: 10.313 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

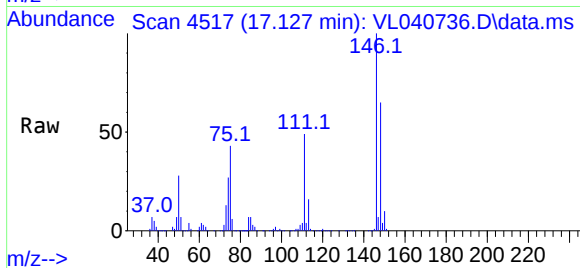
Tgt Ion:146 Resp: 2016119
Ion Ratio Lower Upper
146 100
111 46.5 23.8 71.2
148 65.3 32.6 97.7





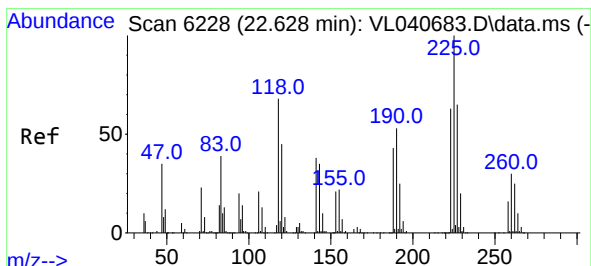
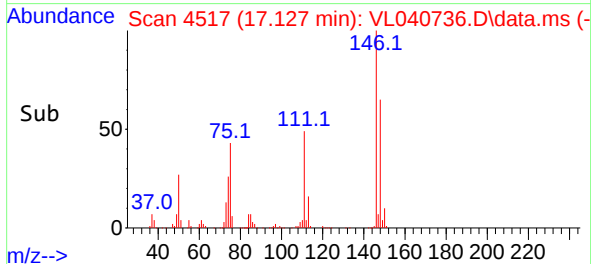
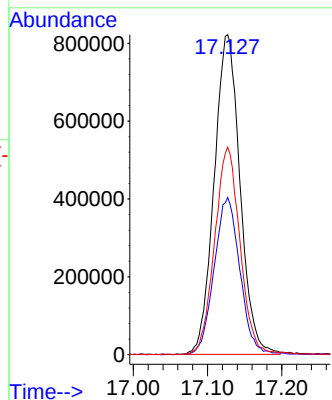
#77
1,2-Dichlorobenzene
Concen: 10.052 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.026 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:146 Resp: 1989246

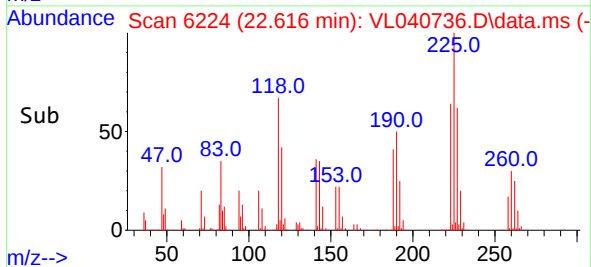
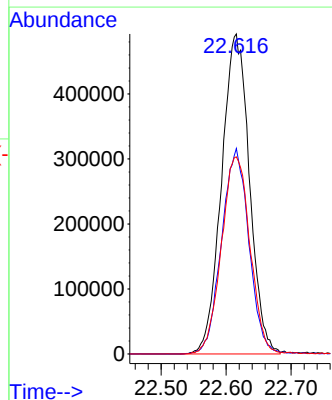
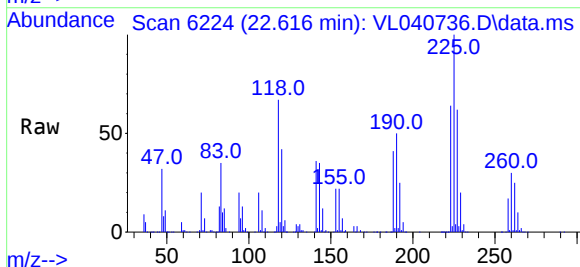
Ion	Ratio	Lower	Upper
146	100		
111	49.3	25.0	75.0
148	64.0	32.4	97.0

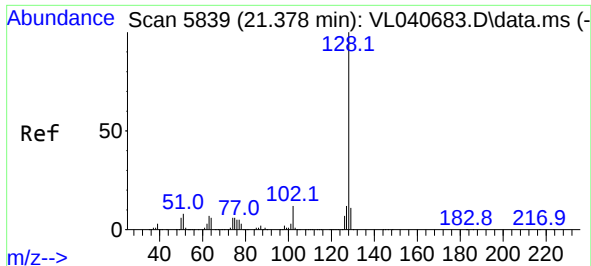


#78
Hexachloro-1,3-Butadiene
Concen: 9.807 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.022 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Tgt Ion:225 Resp: 1468421

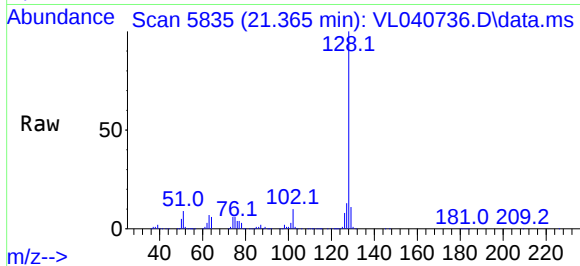
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.2	76.8
227	63.5	50.7	76.1



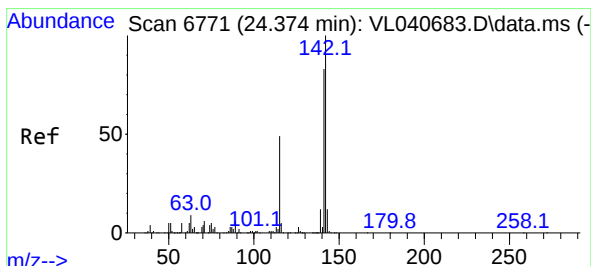
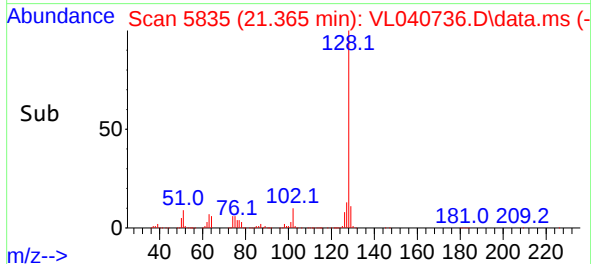
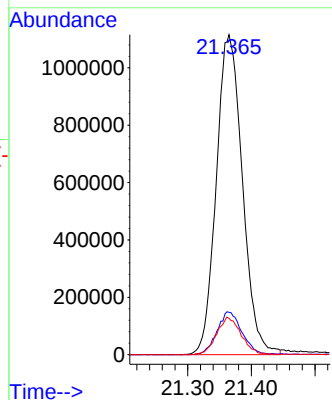


#79
Naphthalene
Concen: 14.652 ppbv
RT: 21.365 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

Instrument :
MSVOA_L
ClientSampleId :

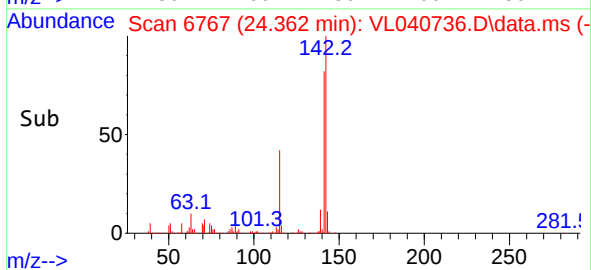
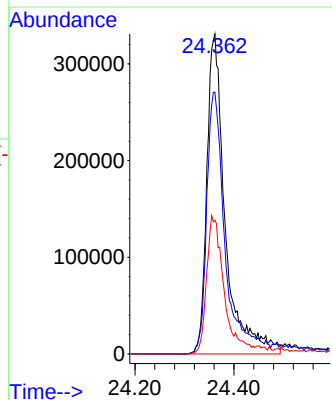
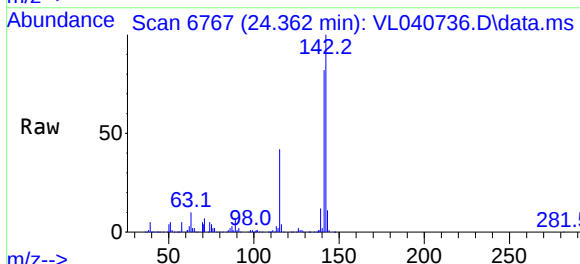


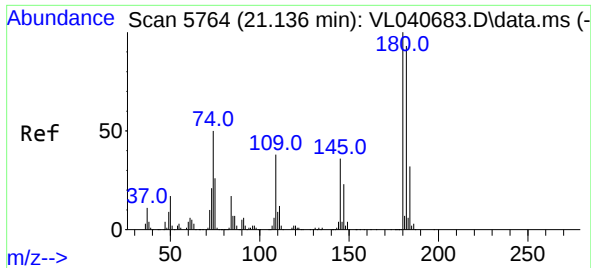
Tgt Ion:128 Resp: 3179535
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 11.4 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 16.126 ppbv
RT: 24.362 min Scan# 6767
Delta R.T. -0.019 min
Lab File: VL040736.D
Acq: 4 Oct 2023 11:36

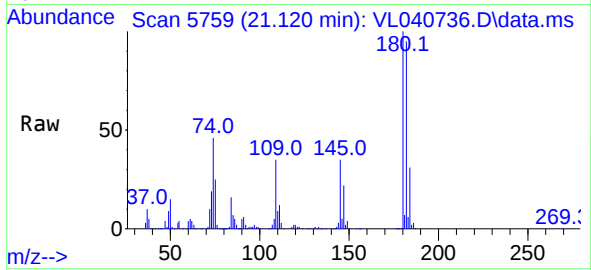
Tgt Ion:142 Resp: 857108
Ion Ratio Lower Upper
142 100
141 82.7 67.0 100.6
115 43.6 37.4 56.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.647 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL040736.D
 Acq: 4 Oct 2023 11:36

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1650884

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.9	116.9
184	30.3	24.4	36.6

