

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040734.D
 Acq On : 4 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:25:29 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	5.185	49	1141972	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3184216	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2941412	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 2147097 9.448 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2400455	9.540	ppbv	98
3) Chlorodifluoromethane	2.681	51	1811243	9.736	ppbv	95
4) Chloromethane	2.819	50	711200	9.986	ppbv	99
5) Vinyl Chloride	2.925	62	803268	9.543	ppbv	99
6) Bromomethane	3.121	94	380641	9.373	ppbv	95
7) Chloroethane	3.202	64	291970	10.099	ppbv	97
8) Dichlorotetrafluoroethane	2.864	85	1914869	9.219	ppbv	98
9) Propene	2.700	41	610814	11.397	ppbv	96
10) Heptane	7.568	43	1452689	12.029	ppbv	97
11) Trichlorofluoromethane	3.565	101	1930050	8.726	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1463999	9.253	ppbv	99
13) Ethanol	3.243	45	138933	8.758	ppbv	99
14) Bromoethene	3.369	108	630154	9.495	ppbv	99
15) Acetone	3.469	43	1345934	8.935	ppbv	99
16) 1,3-Butadiene	2.989	39	682176	10.392	ppbv	91
17) tert-Butyl alcohol	3.877	59	1429350	9.264	ppbv	99
18) 1,1-Dichloroethene	3.880	96	669193	9.515	ppbv	95
19) Isopropyl Alcohol	3.575	45	849027	9.355	ppbv	100
20) Methylene Chloride	3.932	84	568879	7.017	ppbv	94
21) Allyl Chloride	3.996	41	948153	10.271	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	701834	10.093	ppbv	98
23) Vinyl Acetate	4.623	43	1824250	11.711	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1420593	9.745	ppbv	100
25) Ethyl Acetate	5.198	43	2623670	10.800	ppbv	99
26) Hexane	5.208	57	1220148	10.622	ppbv	92
27) Carbon Disulfide	4.121	76	1748804	10.917	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1084015	10.968	ppbv	99
29) Chloroform	5.269	83	1975456	9.960	ppbv	99
30) Cyclohexane	6.594	84	1016080	11.746	ppbv	97
31) cis-1,2-Dichloroethene	5.073	61	1232615	11.565	ppbv	93
32) 1,1,1-Trichloroethane	5.996	97	1994414	9.836	ppbv	98
34) 2-Butanone	4.780	43	1603947	10.016	ppbv	97
35) Carbon Tetrachloride	6.484	117	2046343	9.359	ppbv	96
36) Benzene	6.362	78	2601193	11.032	ppbv	96
37) 1,2-Dichloroethane	5.800	62	1457053	9.029	ppbv	97
38) Trichloroethene	7.282	130	1014814	11.285	ppbv	98
39) 1,2-Dichloropropane	7.063	63	977475	10.770	ppbv	95
40) 1,4-Dioxane	7.272	88	397977	11.599	ppbv #	99
41) Tetrahydrofuran	5.549	42	964104	11.741	ppbv	99
42) Bromodichloromethane	7.240	83	2184894	9.923	ppbv	100
43) Methyl Methacrylate	7.465	69	1046403	11.939	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	4164075	11.091	ppbv	97
45) t-1,3-Dichloropropene	8.700	75	855841	12.593	ppbv	96

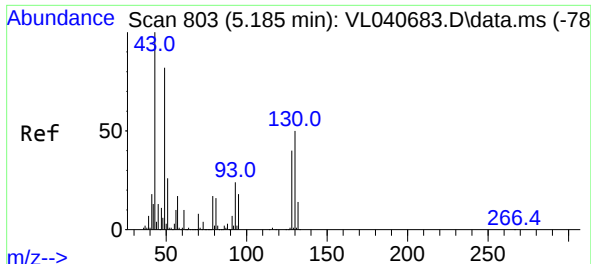
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
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 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1007280	12.114	ppbv	93
47) 1,1,2-Trichloroethane	8.886	97	1092703	10.491	ppbv	98
48) Dibromochloromethane	9.697	129	1878104	10.930	ppbv	98
49) Bromoform	12.394	173	1541070	10.921	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2420155	11.184	ppbv	96
51) 2-Hexanone	9.536	43	1779604	11.915	ppbv #	95
52) Tetrachloroethene	10.600	164	915946	11.908	ppbv	96
53) Toluene	9.211	91	3015591	12.114	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1573443	11.835	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	1389343	9.909	ppbv	98
57) Chlorobenzene	11.513	112	2327367	10.449	ppbv	97
58) Ethyl Benzene	12.076	91	3994304	11.911	ppbv	99
59) m/p-Xylene	12.356	91	3467015	11.010	ppbv #	31
60) o-Xylene	13.047	91	3260185	10.856	ppbv	99
61) Styrene	12.883	104	1702672	13.528	ppbv	97
62) Isopropylbenzene	14.015	105	4760171	10.498	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	2346677	9.970	ppbv	99
64) n-propylbenzene	14.902	120	1267127	11.177	ppbv	93
65) tert-Butylbenzene	16.076	119	4196006	10.310	ppbv	96
66) Benzyl Chloride	16.314	91	560937	11.810	ppbv	97
67) sec-Butylbenzene	16.622	105	5929693	10.178	ppbv	100
69) p-Isopropyltoluene	16.982	119	4848377	10.589	ppbv	98
70) n-Butylbenzene	17.870	91	5199708	10.318	ppbv	99
71) 2-Chlorotoluene	14.786	91	3678740	10.966	ppbv	97
72) 4-Ethyltoluene	15.179	105	3823248	11.353	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3291382	10.854	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	3662459	9.907	ppbv	95
75) 1,3-Dichlorobenzene	16.317	146	2180710	10.354	ppbv	99
76) 1,4-Dichlorobenzene	16.462	146	2115924	10.210	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	2083977	9.934	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1553677	9.788	ppbv	99
79) Naphthalene	21.365	128	3311444	14.395	ppbv	97
80) Naphthalene,2-methyl-	24.358	142	901088	15.993	ppbv	97
81) 1,2,4-Trichlorobenzene	21.121	180	1716722	11.425	ppbv	99

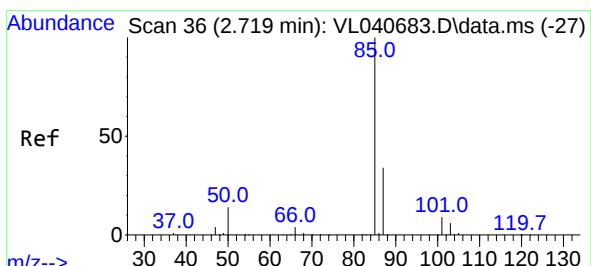
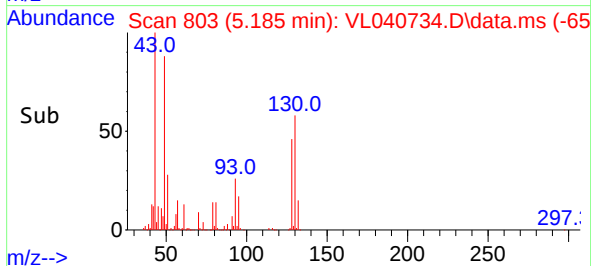
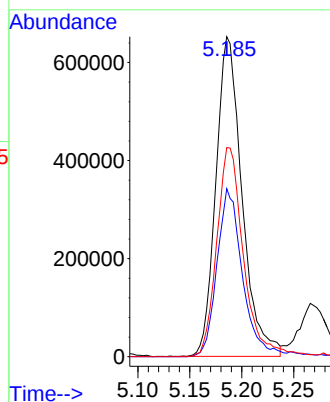
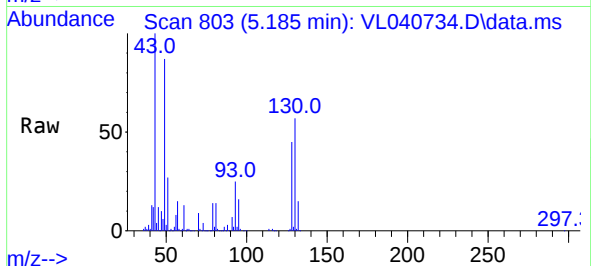
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

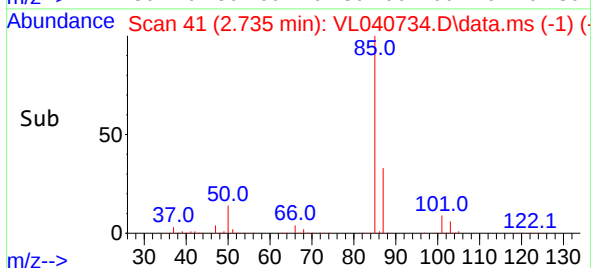
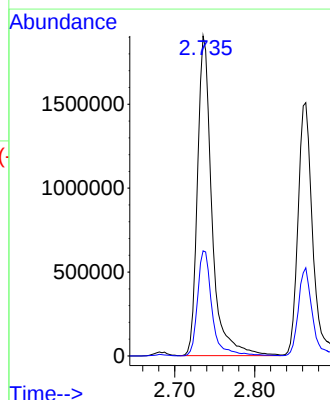
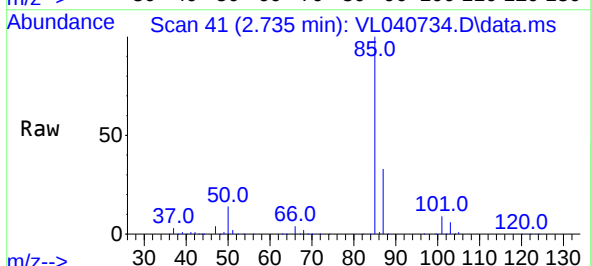
Instrument :
MSVOA_L
ClientSampleId :

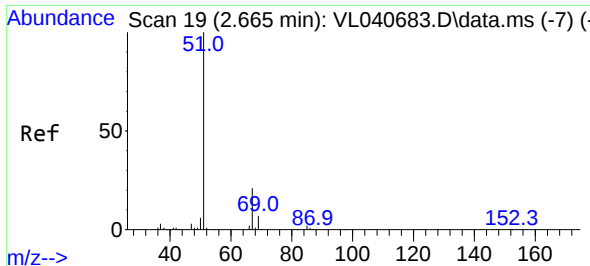
Tgt Ion: 49 Resp: 1141972
Ion Ratio Lower Upper
49 100
128 52.4 25.4 76.0
130 67.9 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 9.540 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 85 Resp: 2400455
Ion Ratio Lower Upper
85 100
87 32.9 27.2 40.8

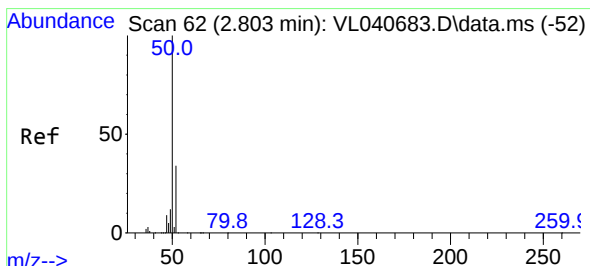
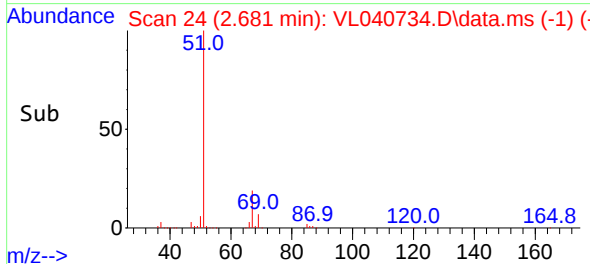
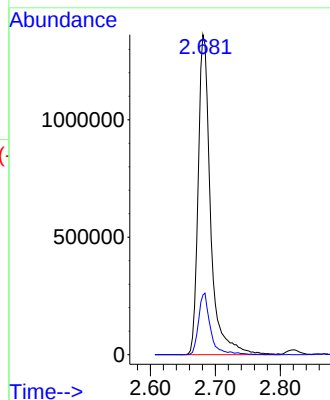
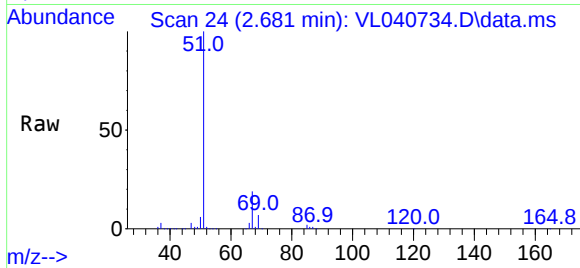




#3
Chlorodifluoromethane
Concen: 9.736 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

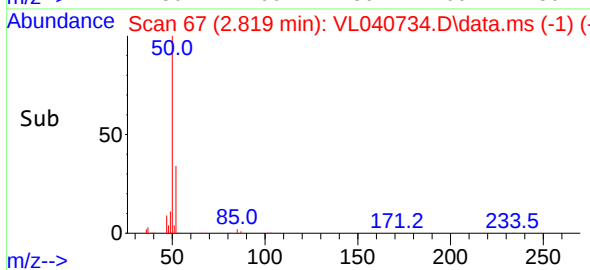
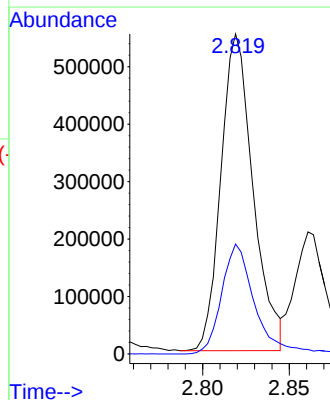
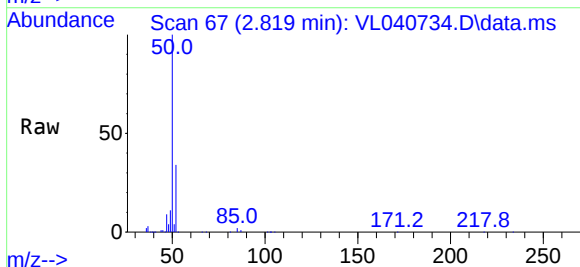
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1811243
Ion Ratio Lower Upper
51 100
67 18.6 16.7 25.1

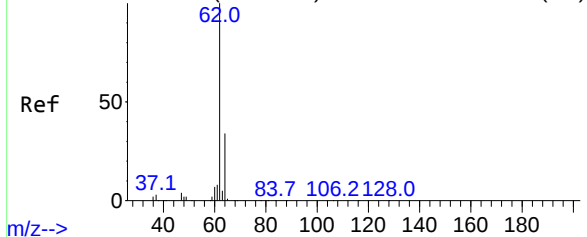


#4
Chloromethane
Concen: 9.986 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 50 Resp: 711200
Ion Ratio Lower Upper
50 100
52 34.7 27.1 40.7



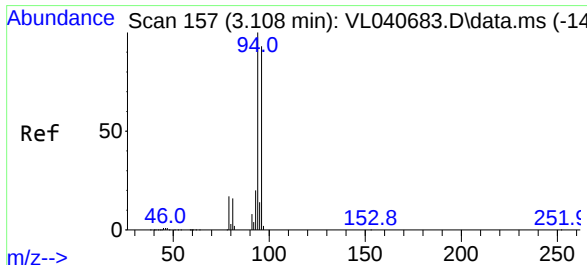
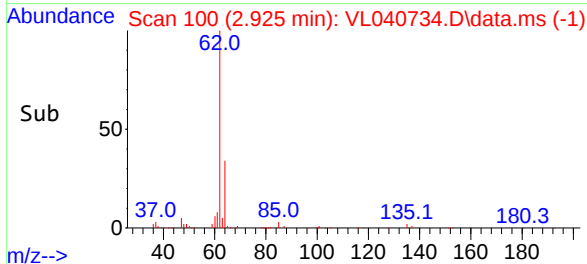
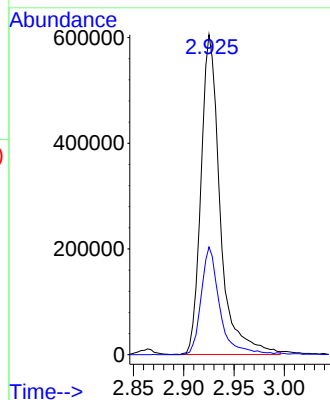
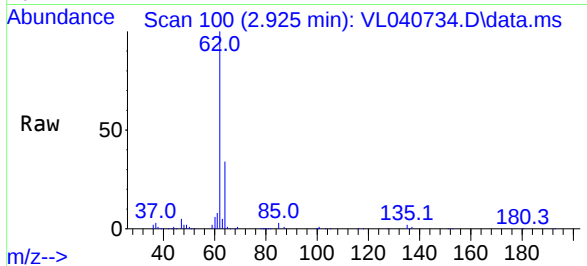
Abundance Scan 95 (2.909 min): VL040683.D\data.ms (-86)



#5
Vinyl Chloride
Concen: 9.543 ppbv
RT: 2.925 min Scan# 10
Delta R.T. 0.000 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

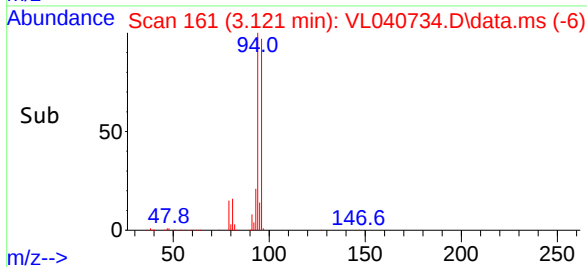
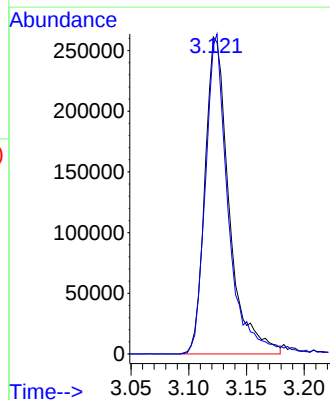
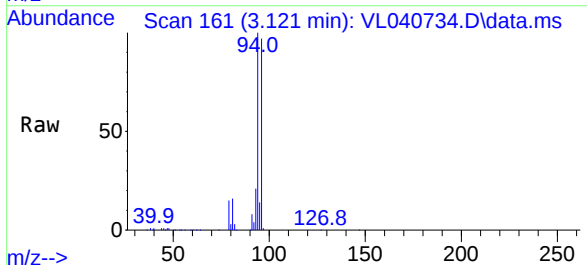
Instrument :
MSVOA_L
ClientSampleId :

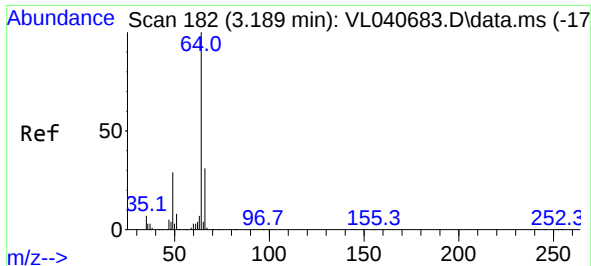
Tgt Ion: 62 Resp: 803268
Ion Ratio Lower Upper
62 100
64 33.6 27.2 40.8



#6
Bromomethane
Concen: 9.373 ppbv
RT: 3.121 min Scan# 161
Delta R.T. -0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 94 Resp: 380641
Ion Ratio Lower Upper
94 100
96 97.4 74.4 111.6

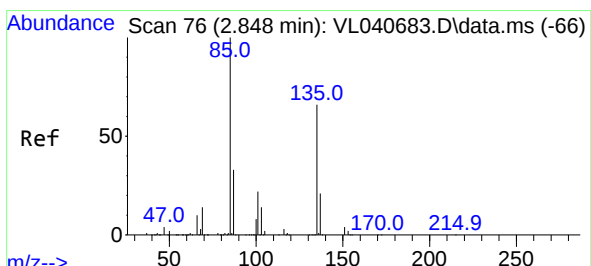
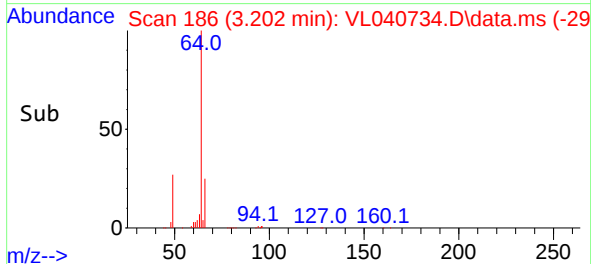
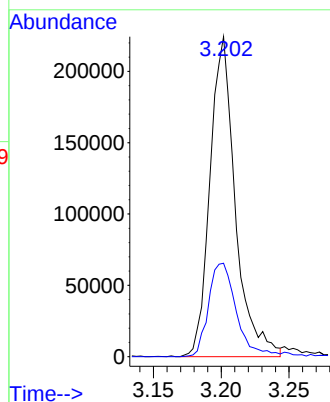
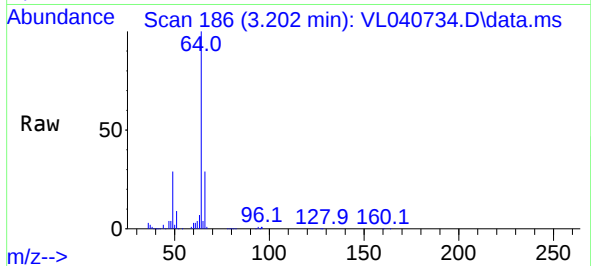




#7
Chloroethane
Concen: 10.099 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

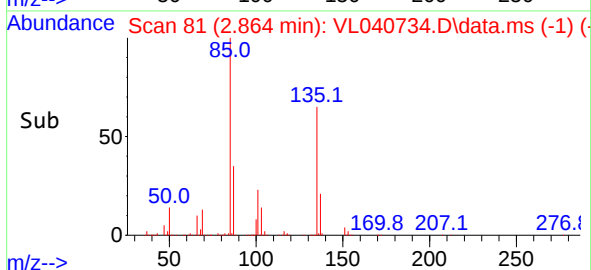
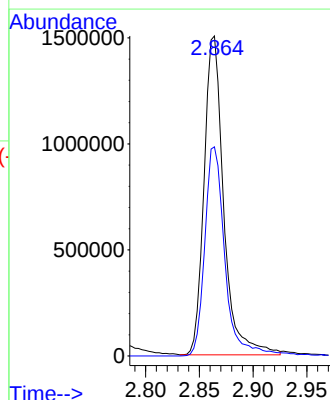
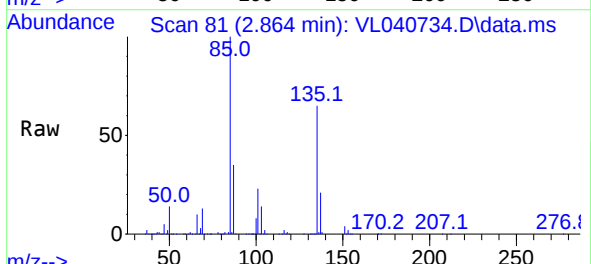
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 291970
Ion Ratio Lower Upper
64 100
66 29.2 24.5 36.7

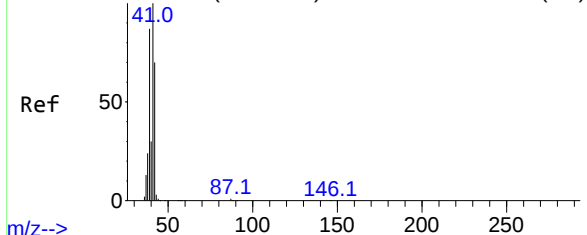


#8
Dichlorotetrafluoroethane
Concen: 9.219 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 85 Resp: 1914869
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: 11.397 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

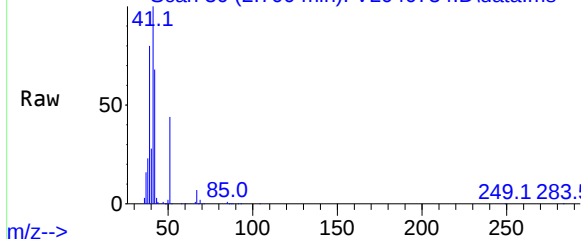
Tgt Ion: 41 Resp: 610814

Ion Ratio Lower Upper

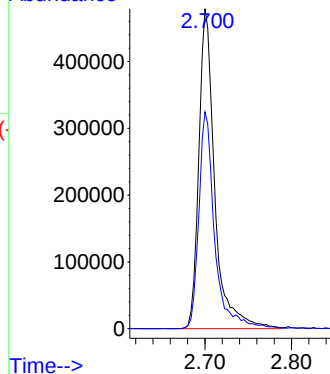
41 100

42 68.0 56.7 85.1

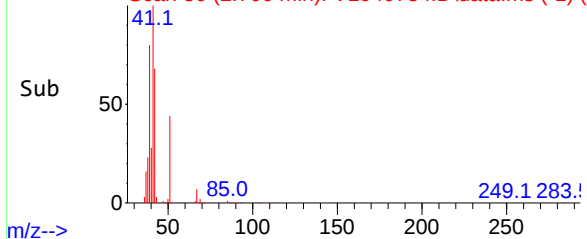
Abundance Scan 30 (2.700 min): VL040734.D\data.ms



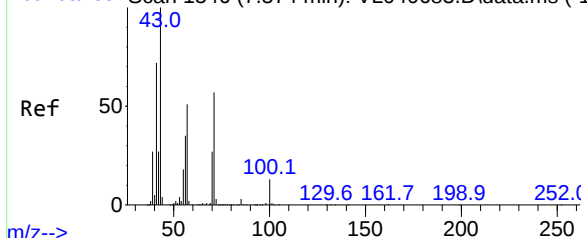
Abundance



Abundance Scan 30 (2.700 min): VL040734.D\data.ms (-1)



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



#10

Heptane

Concen: 12.029 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

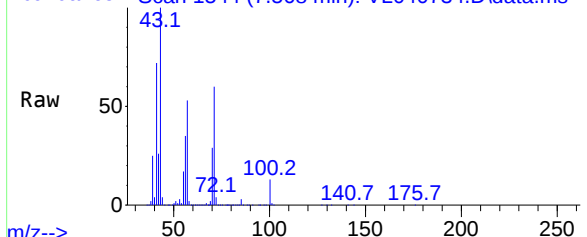
Tgt Ion: 43 Resp: 1452689

Ion Ratio Lower Upper

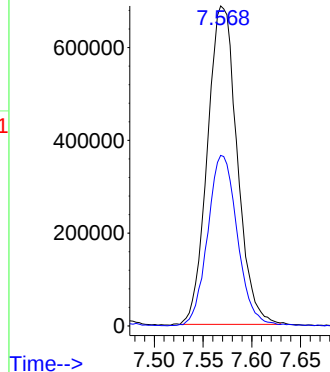
43 100

57 54.1 41.8 62.6

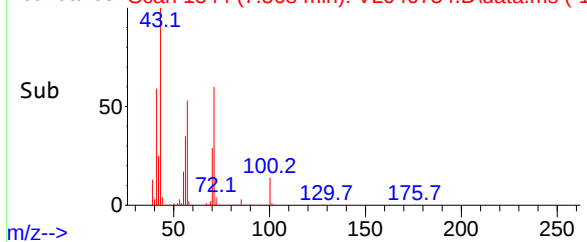
Abundance Scan 1544 (7.568 min): VL040734.D\data.ms

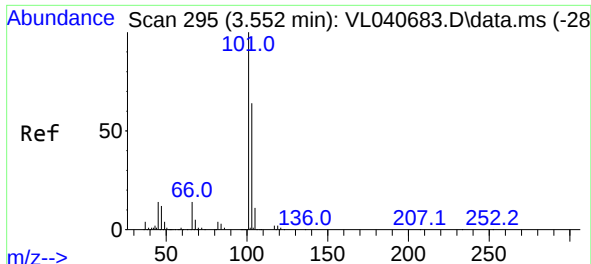


Abundance



Abundance Scan 1544 (7.568 min): VL040734.D\data.ms (-1)

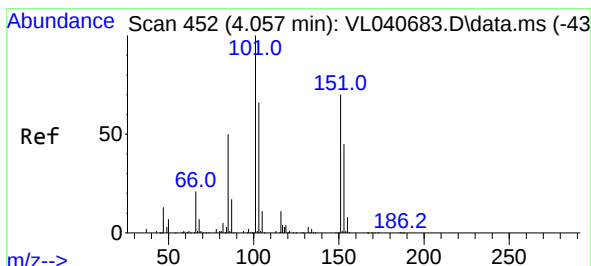
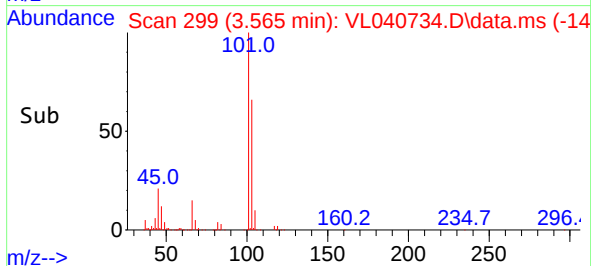
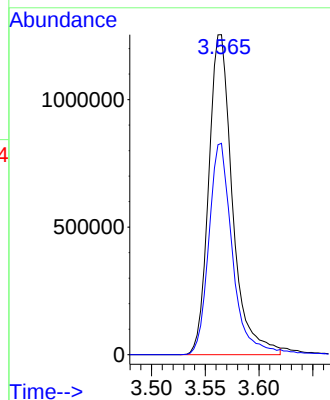
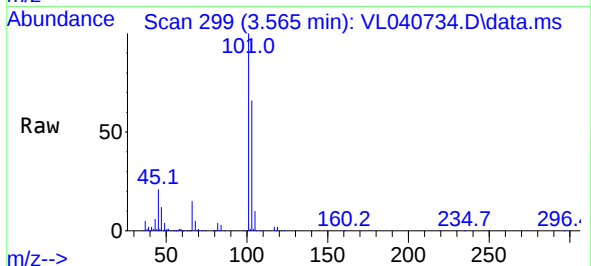




#11
 Trichlorofluoromethane
 Concen: 8.726 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

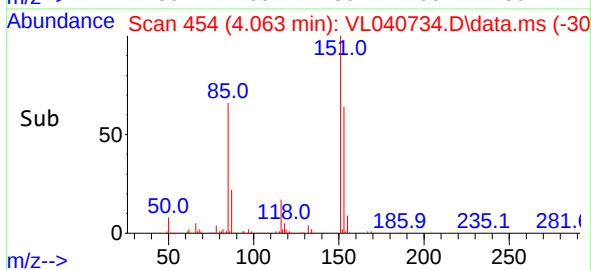
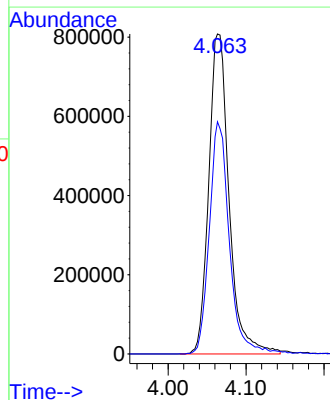
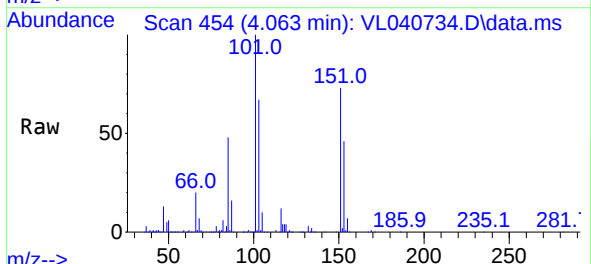
Instrument :
 MSVOA_L
 ClientSampleId :

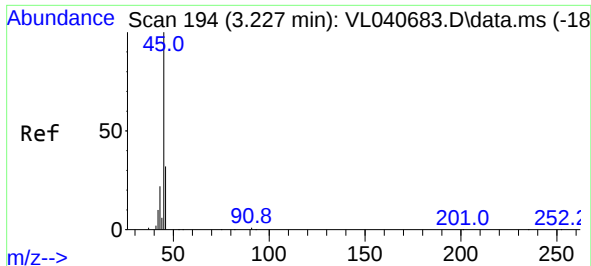
Tgt Ion:101 Resp: 1930050
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.253 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion:101 Resp: 1463999
 Ion Ratio Lower Upper
 101 100
 151 71.8 56.8 85.2





#13

Ethanol

Concen: 8.758 ppbv

RT: 3.243 min Scan# 19

Delta R.T. 0.000 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

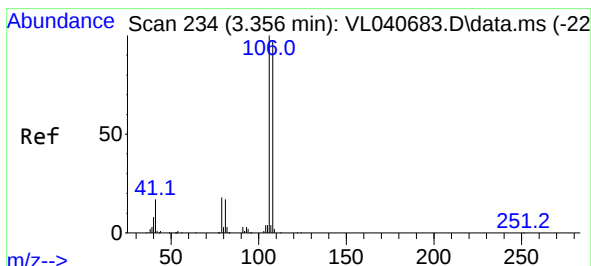
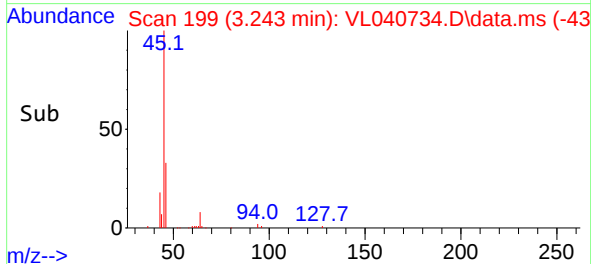
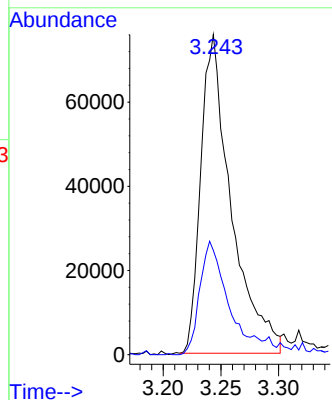
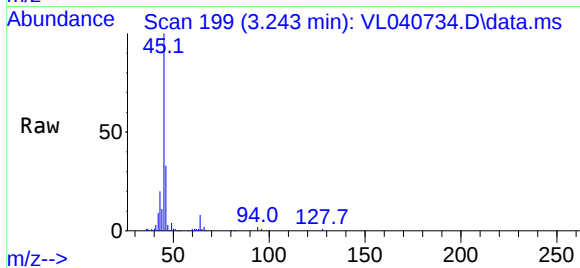
ClientSampleId :

Tgt Ion: 45 Resp: 138933

Ion Ratio Lower Upper

45 100

46 37.5 15.2 61.0



#14

Bromoethene

Concen: 9.495 ppbv

RT: 3.369 min Scan# 238

Delta R.T. 0.000 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

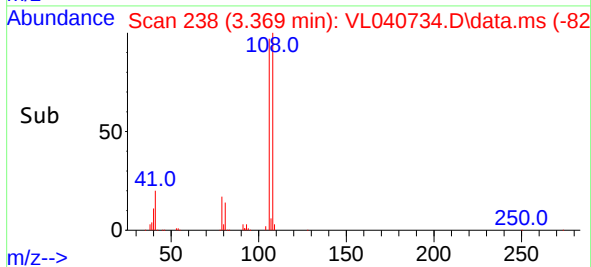
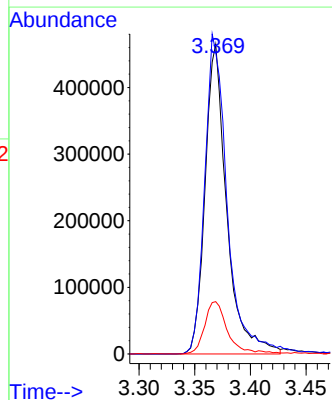
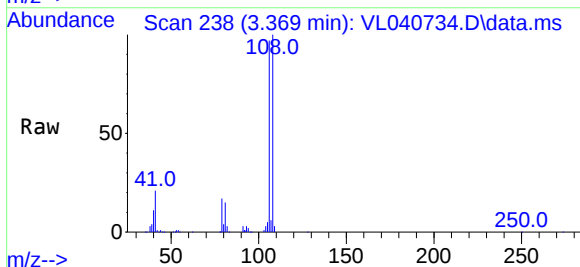
Tgt Ion:108 Resp: 630154

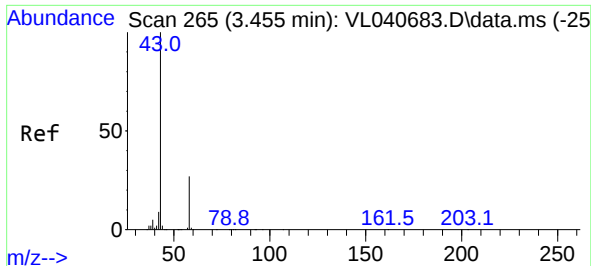
Ion Ratio Lower Upper

108 100

106 108.6 86.0 129.0

79 18.0 15.6 23.4

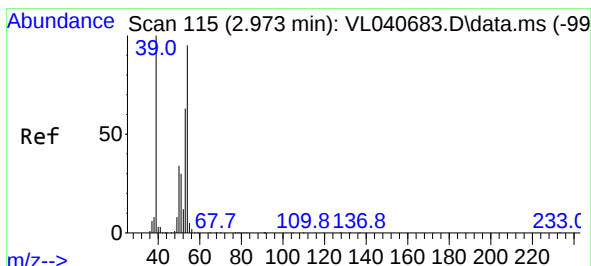
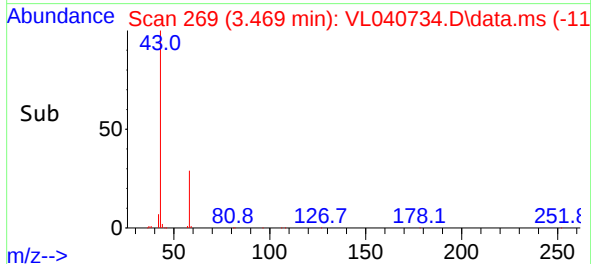
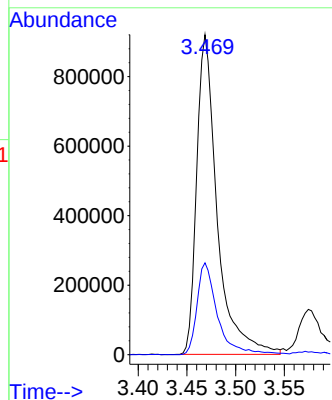
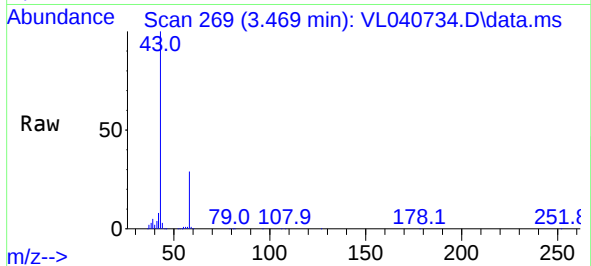




#15
Acetone
Concen: 8.935 ppbv
RT: 3.469 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

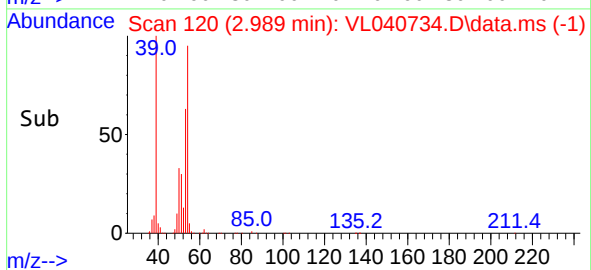
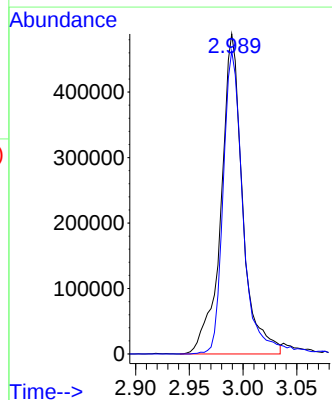
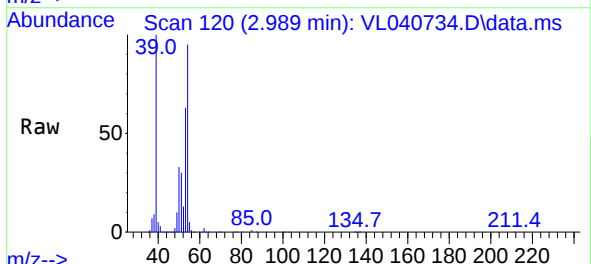
Instrument :
MSVOA_L
ClientSampleId :

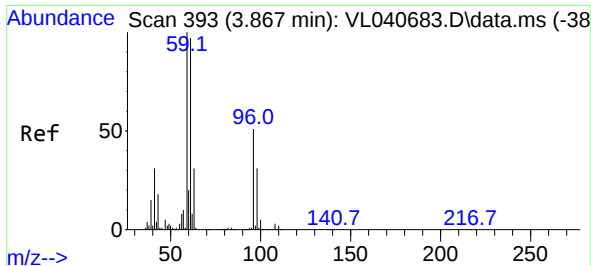
Tgt Ion: 43 Resp: 1345934
Ion Ratio Lower Upper
43 100
58 28.7 22.6 34.0



#16
1,3-Butadiene
Concen: 10.392 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.000 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 39 Resp: 682176
Ion Ratio Lower Upper
39 100
54 88.7 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.264 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.006 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

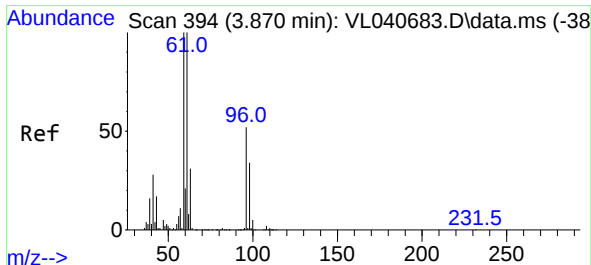
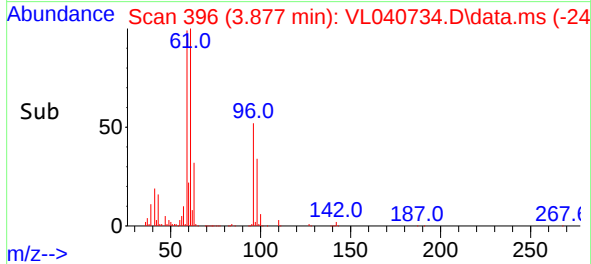
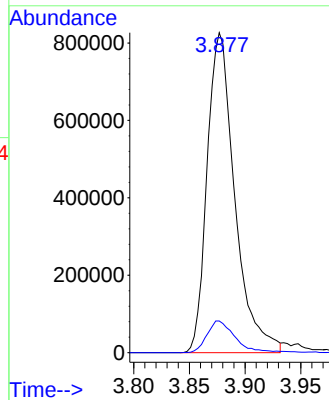
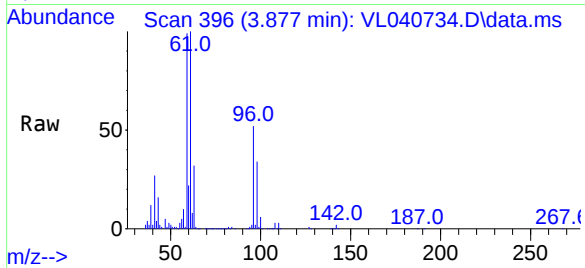
ClientSampleId :

Tgt Ion: 59 Resp: 1429350

Ion Ratio Lower Upper

59 100

57 10.4 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.515 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

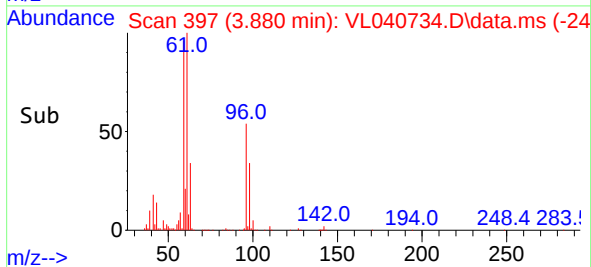
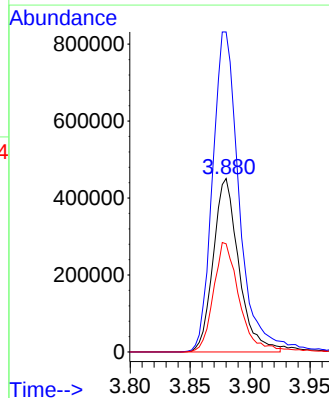
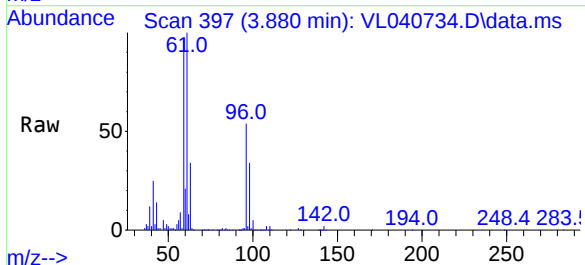
Tgt Ion: 96 Resp: 669193

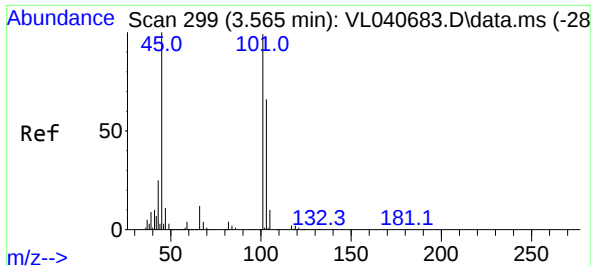
Ion Ratio Lower Upper

96 100

61 184.4 153.6 230.4

98 62.3 51.9 77.9

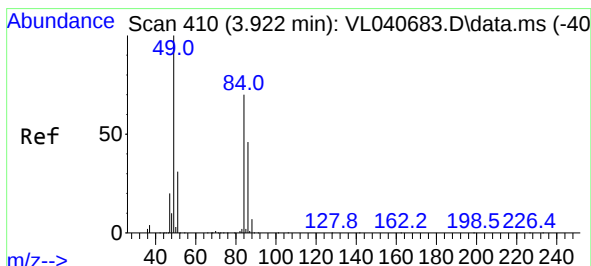
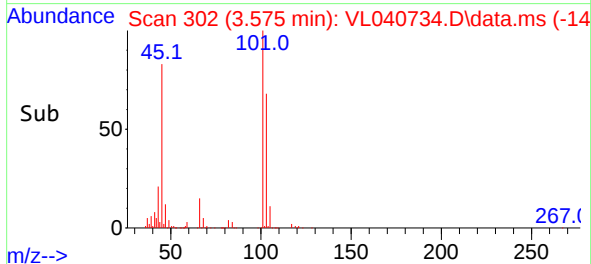
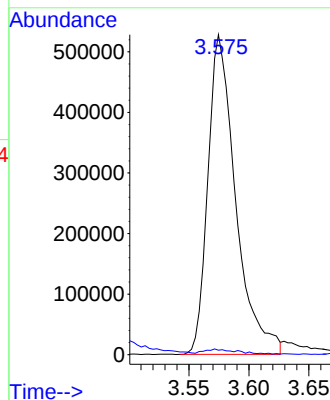
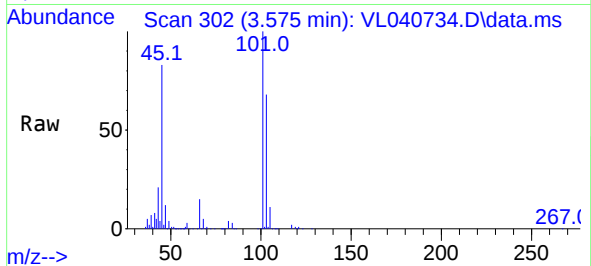




#19
Isopropyl Alcohol
Concen: 9.355 ppbv
RT: 3.575 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

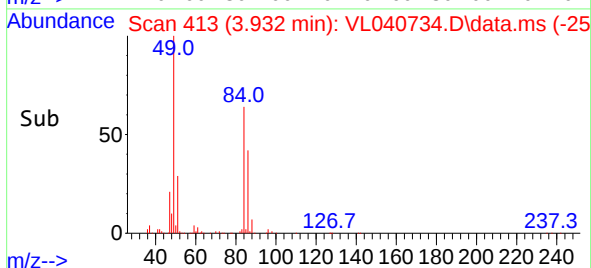
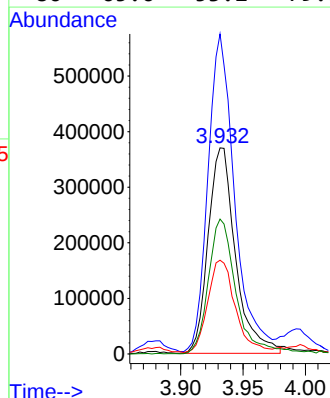
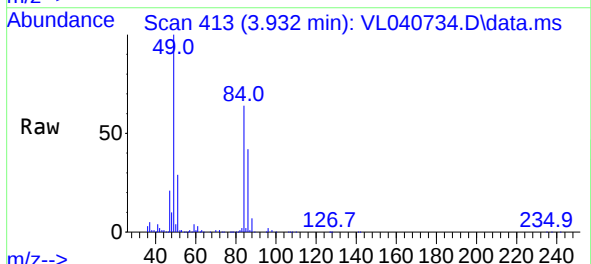
Instrument :
MSVOA_L
ClientSampleId :

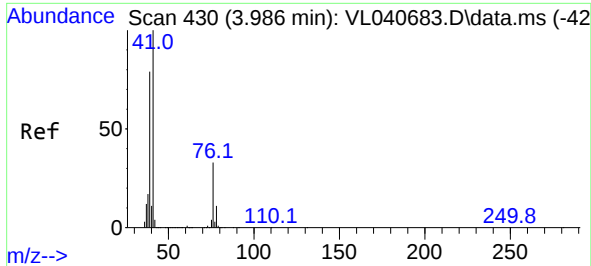
Tgt Ion: 45 Resp: 849027
Ion Ratio Lower Upper
45 100
58 2.3 1.9 2.9



#20
Methylene Chloride
Concen: 7.017 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 84 Resp: 568879
Ion Ratio Lower Upper
84 100
49 154.5 114.4 171.6
51 44.5 35.5 53.3
86 65.6 53.2 79.8

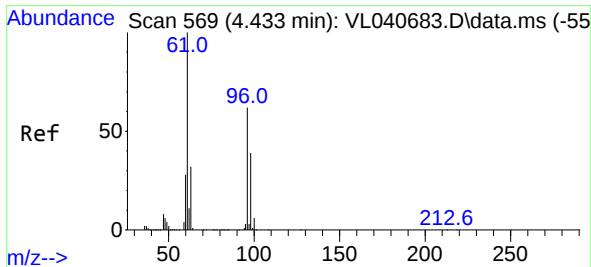
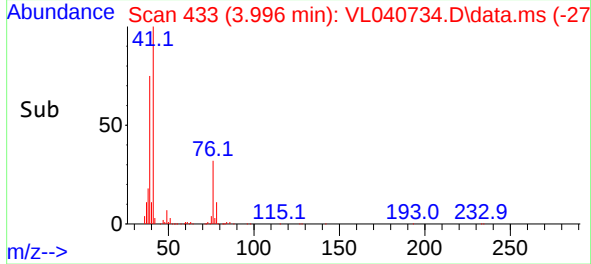
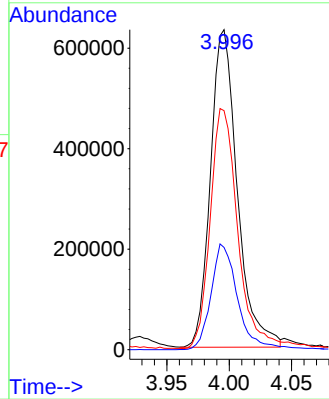
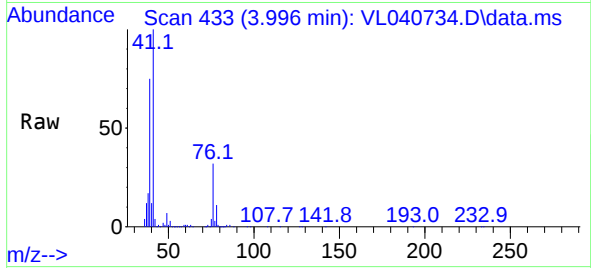




#21
 Allyl Chloride
 Concen: 10.271 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

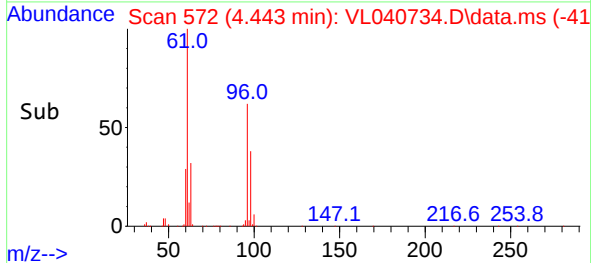
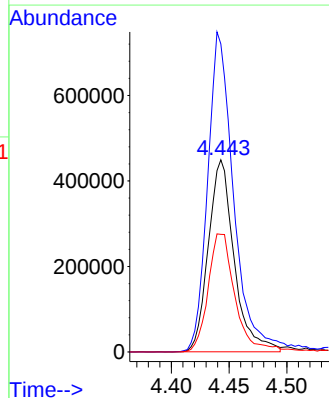
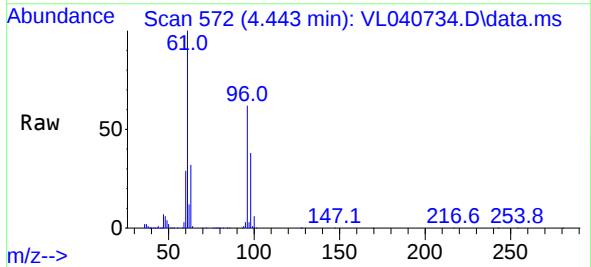
Instrument :
 MSVOA_L
 ClientSampleId :

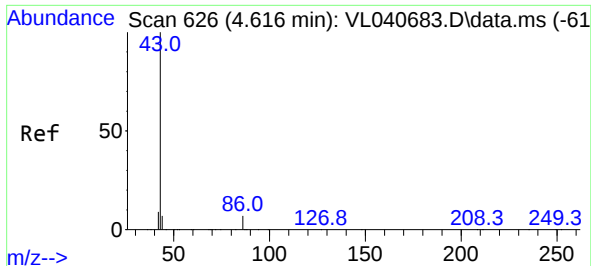
Tgt Ion: 41 Resp: 948153
 Ion Ratio Lower Upper
 41 100
 76 33.4 26.6 40.0
 39 78.8 65.0 97.4



#22
 trans-1,2-Dichloroethene
 Concen: 10.093 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion: 96 Resp: 701834
 Ion Ratio Lower Upper
 96 100
 61 160.2 129.9 194.9
 98 61.2 50.2 75.4



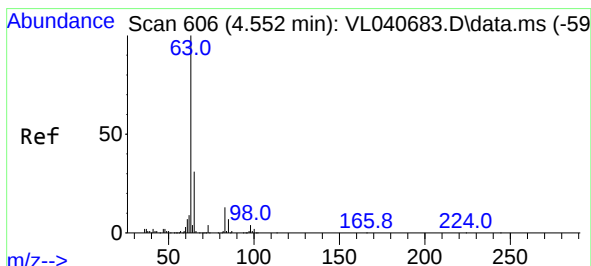
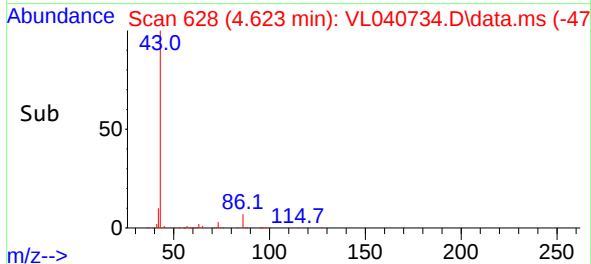
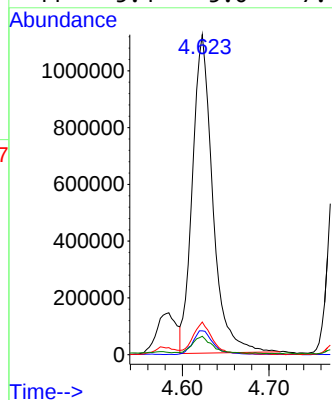
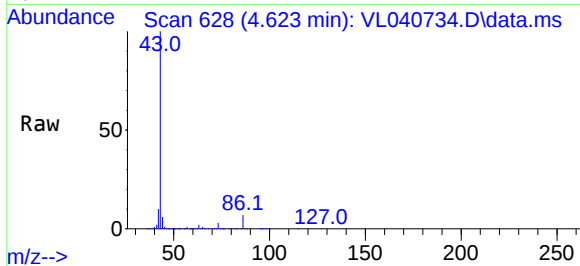


#23
 Vinyl Acetate
 Concen: 11.711 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 1824250

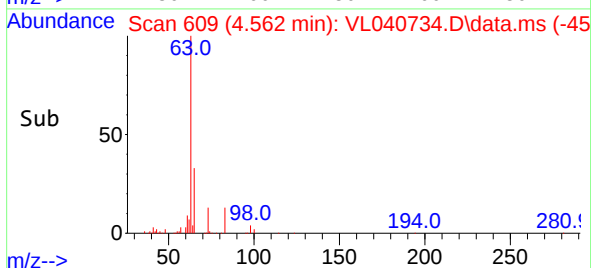
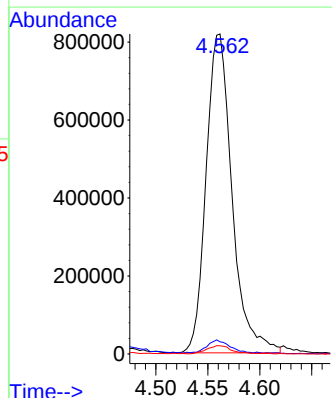
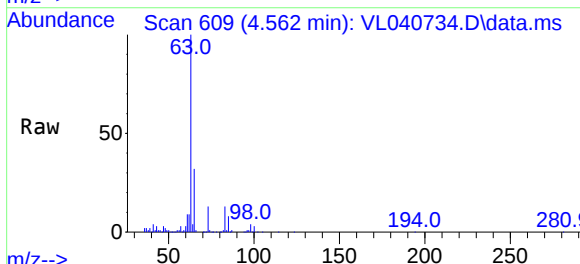
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.6	8.4
42	10.2	7.6	11.4
44	5.4	5.0	7.4

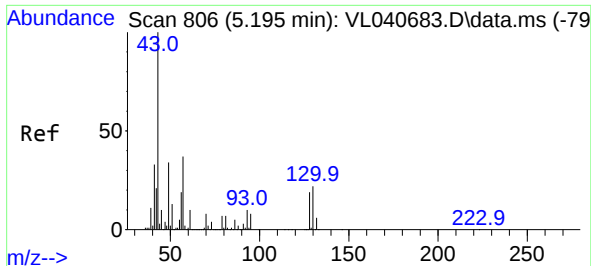


#24
 1,1-Dichloroethane
 Concen: 9.745 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion: 63 Resp: 1420593

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





#25

Ethyl Acetate

Concen: 10.800 ppbv

RT: 5.198 min Scan# 80

Delta R.T. -0.013 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2623670

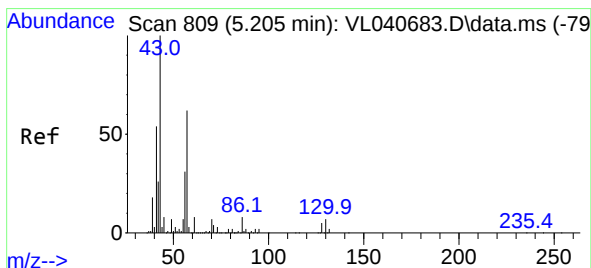
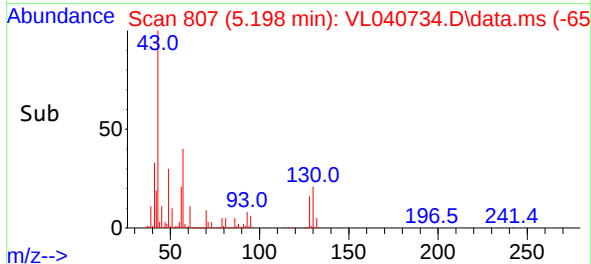
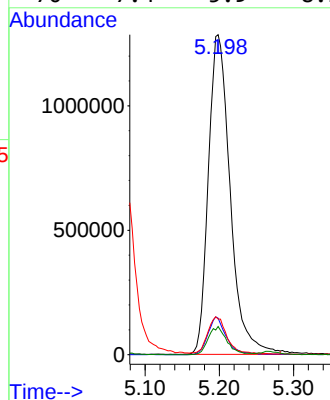
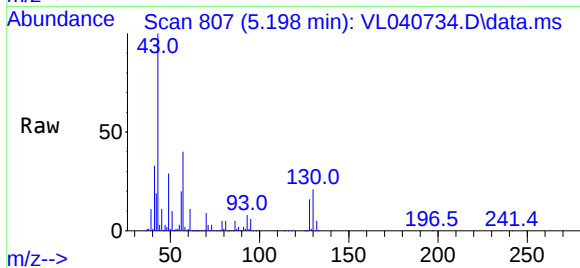
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.8 8.2 12.4

70 7.4 5.9 8.9



#26

Hexane

Concen: 10.622 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.013 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Tgt Ion: 57 Resp: 1220148

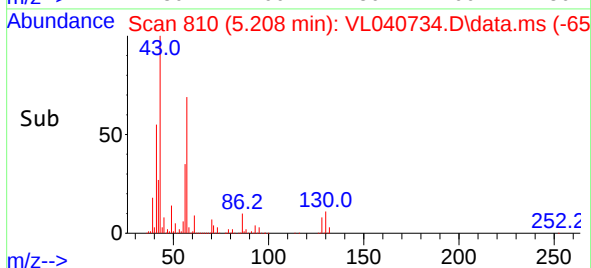
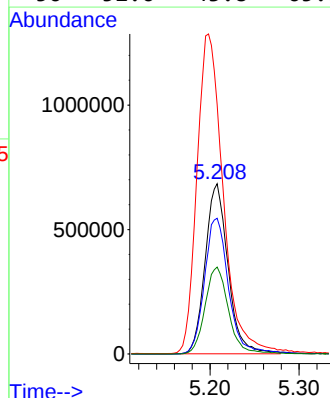
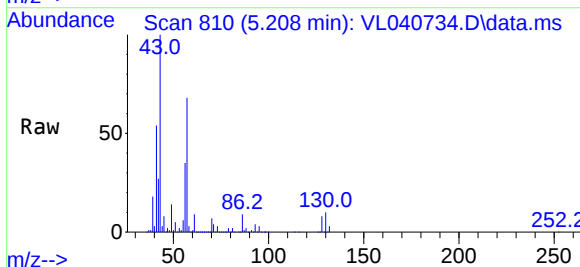
Ion Ratio Lower Upper

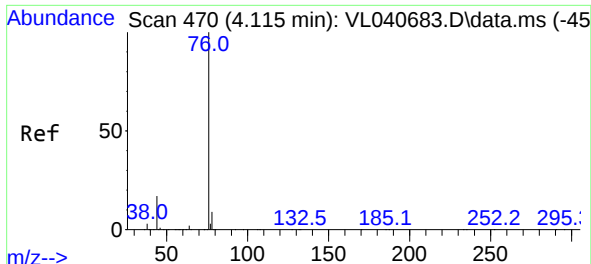
57 100

41 84.8 75.2 112.8

43 216.5 185.6 278.4

56 52.6 43.8 65.8

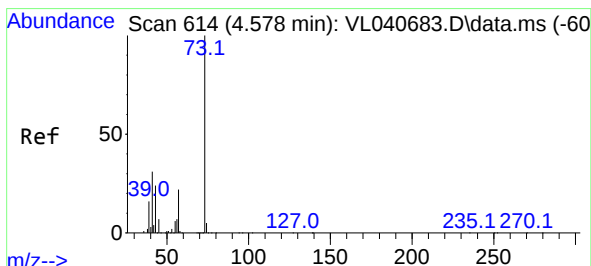
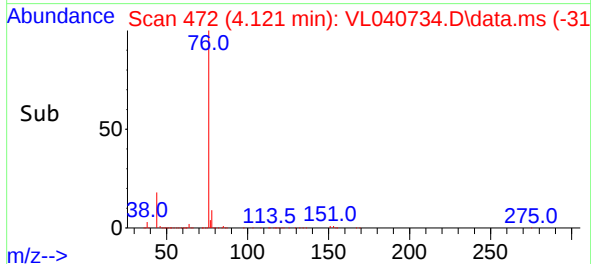
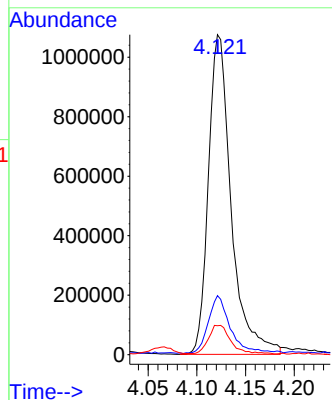
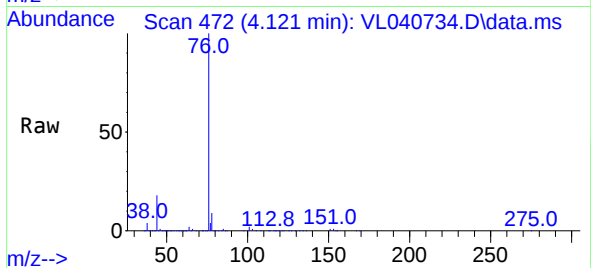




#27
Carbon Disulfide
Concen: 10.917 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.009 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

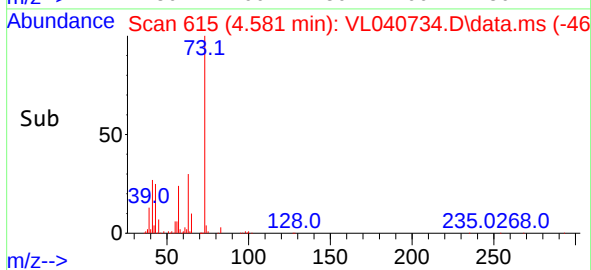
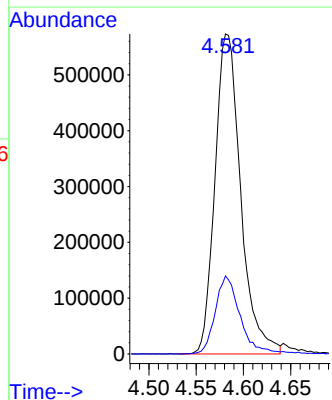
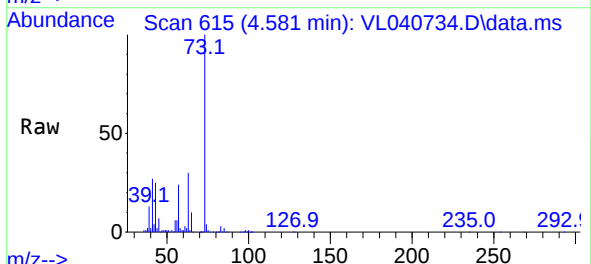
Instrument :
MSVOA_L
ClientSampleId :

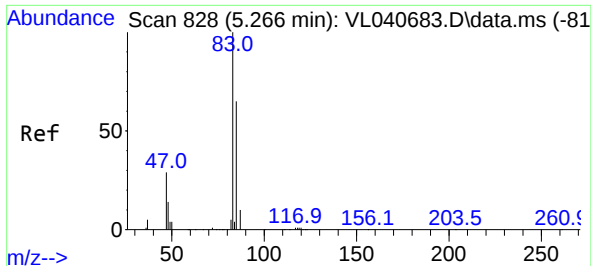
Tgt Ion: 76 Resp: 1748804
Ion Ratio Lower Upper
76 100
44 18.6 14.5 21.7
78 9.4 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.968 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.009 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 73 Resp: 1084015
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29

Chloroform

Concen: 9.960 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

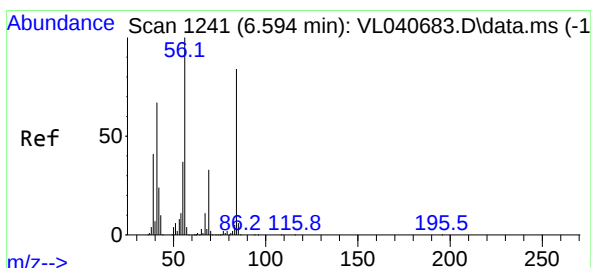
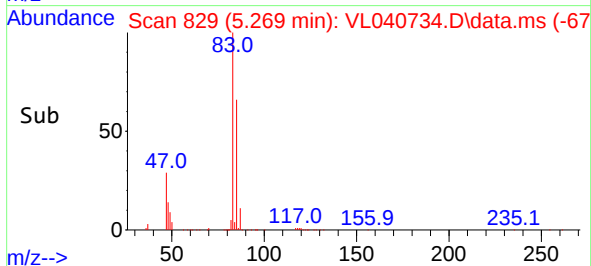
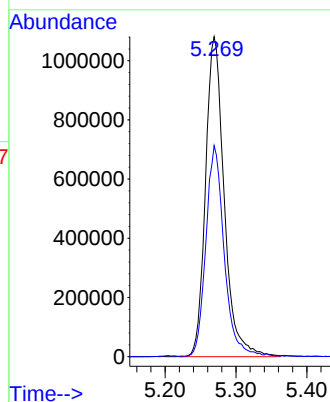
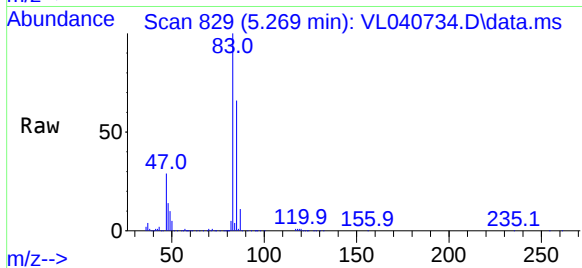
ClientSampleId :

Tgt Ion: 83 Resp: 1975456

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.8



#30

Cyclohexane

Concen: 11.746 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

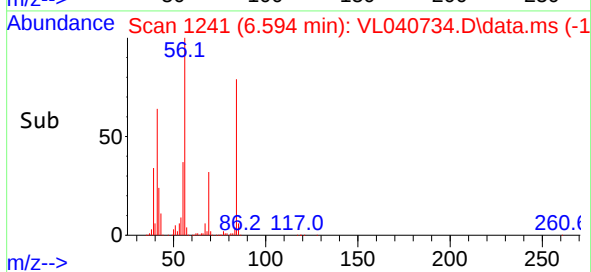
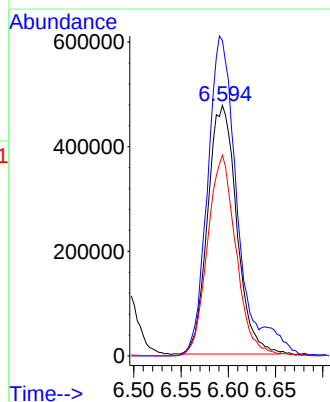
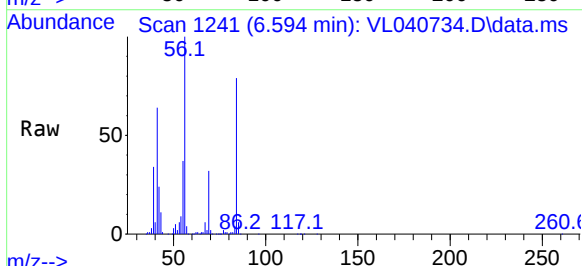
Tgt Ion: 84 Resp: 1016080

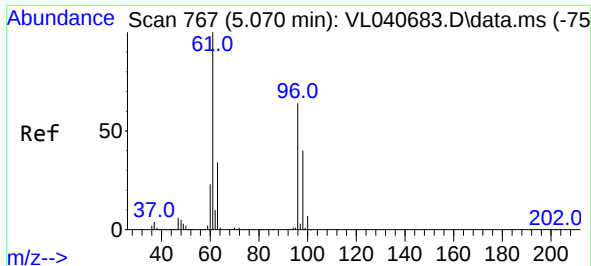
Ion Ratio Lower Upper

84 100

56 133.7 103.2 154.8

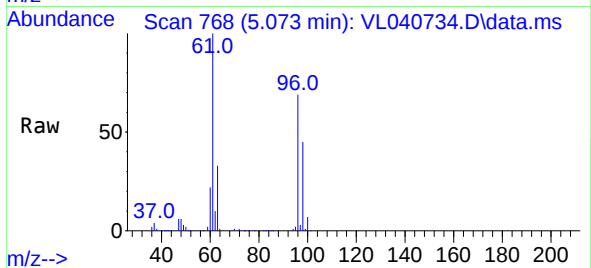
41 79.9 65.5 98.3





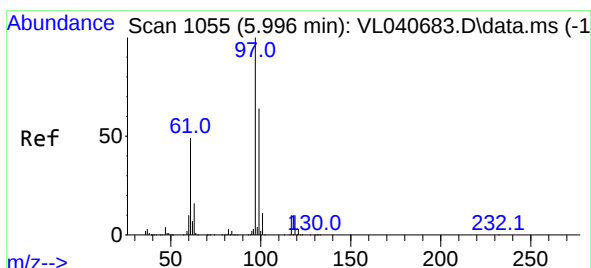
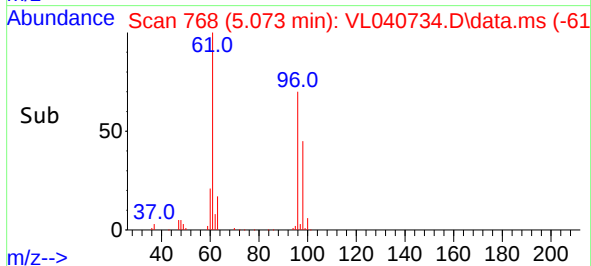
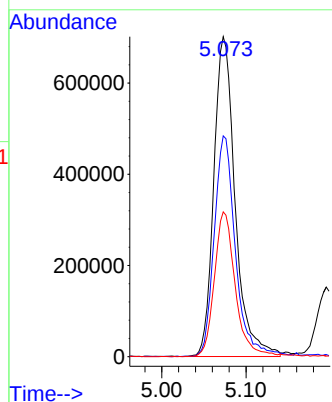
#31
 cis-1,2-Dichloroethene
 Concen: 11.565 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 1232615

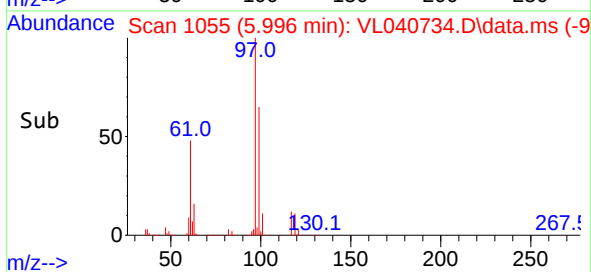
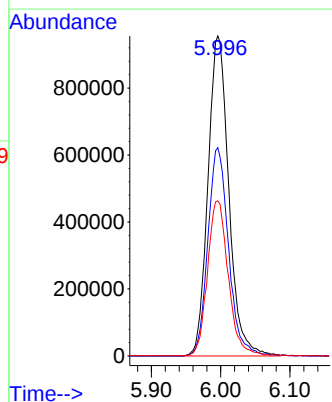
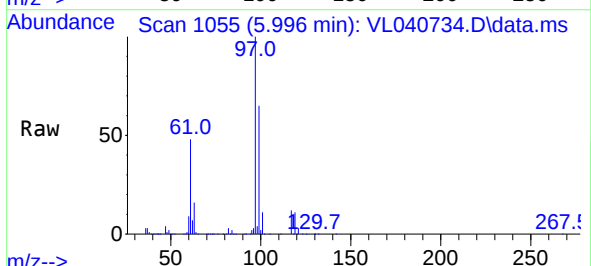
Ion	Ratio	Lower	Upper
61	100		
96	69.0	51.2	76.8
98	45.2	32.3	48.5

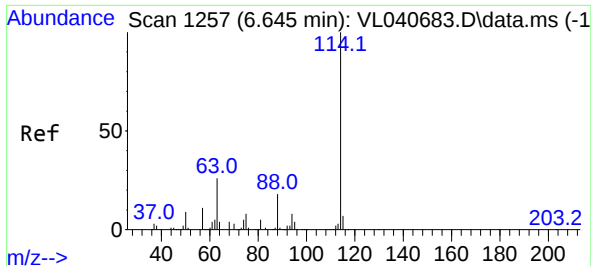


#32
 1,1,1-Trichloroethane
 Concen: 9.836 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

Tgt Ion: 97 Resp: 1994414

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.4	78.6
61	48.4	40.2	60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

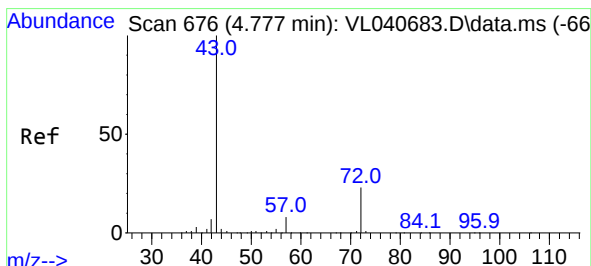
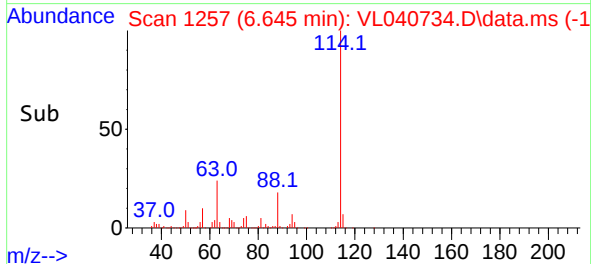
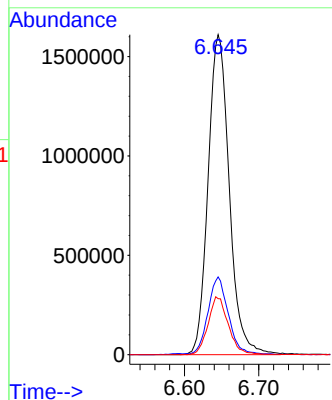
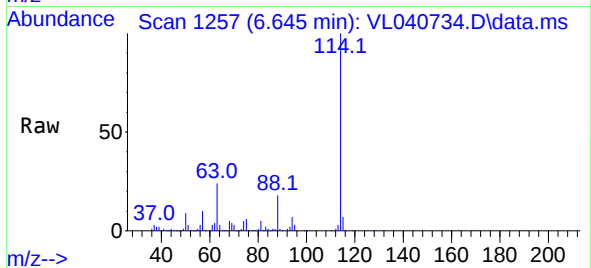
Tgt Ion:114 Resp: 3184216

Ion Ratio Lower Upper

114 100

63 23.9 21.1 31.7

88 17.4 14.5 21.7



#34

2-Butanone

Concen: 10.016 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.009 min

Lab File: VL040734.D

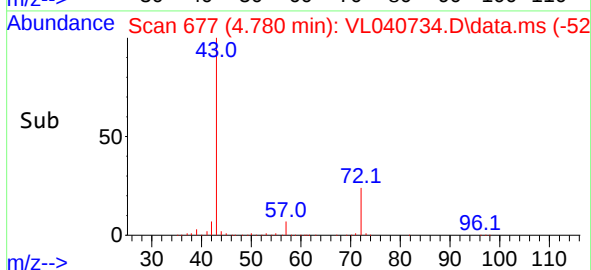
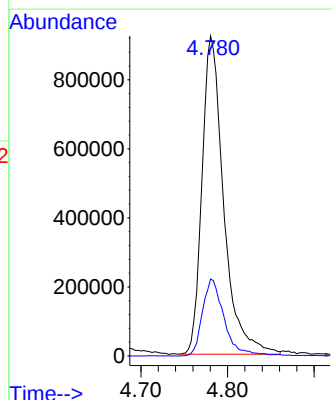
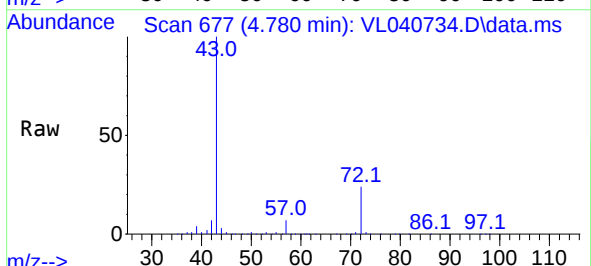
Acq: 4 Oct 2023 10:00

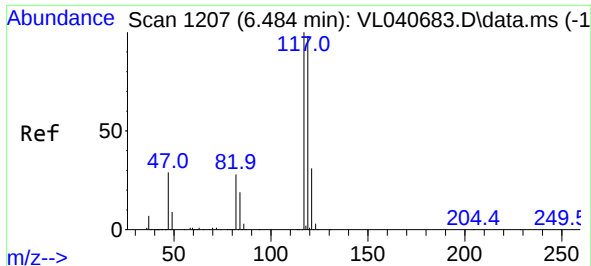
Tgt Ion: 43 Resp: 1603947

Ion Ratio Lower Upper

43 100

72 24.5 18.6 27.8

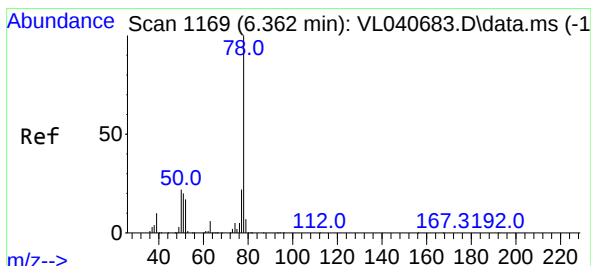
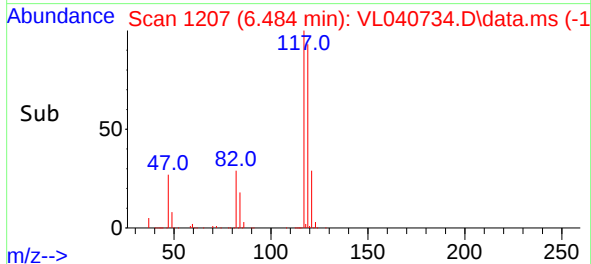
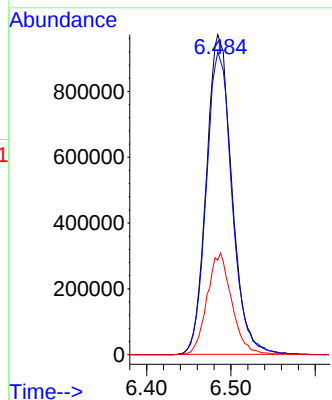
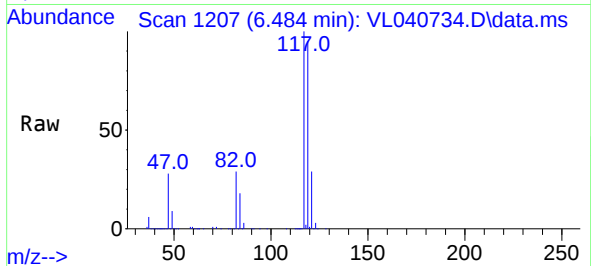




#35
Carbon Tetrachloride
Concen: 9.359 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

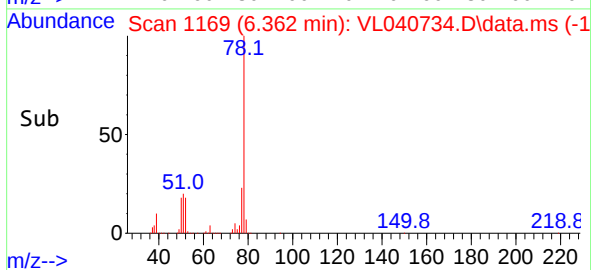
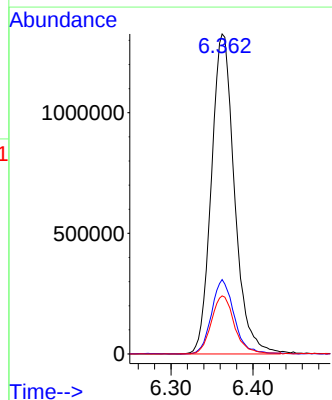
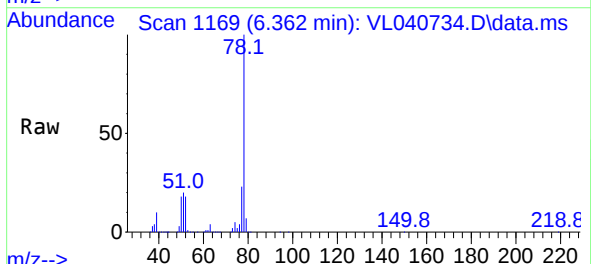
Instrument :
MSVOA_L
ClientSampleId :

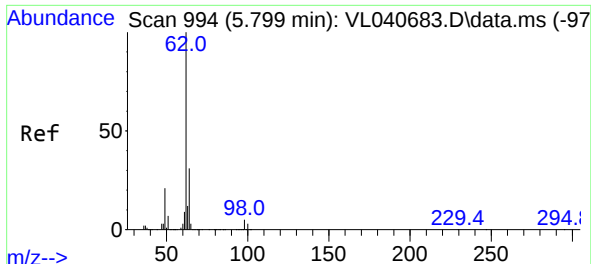
Tgt Ion:117 Resp: 2046343
Ion Ratio Lower Upper
117 100
119 94.3 78.6 117.8
121 29.5 24.7 37.1



#36
Benzene
Concen: 11.032 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 78 Resp: 2601193
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 18.1 17.3 25.9

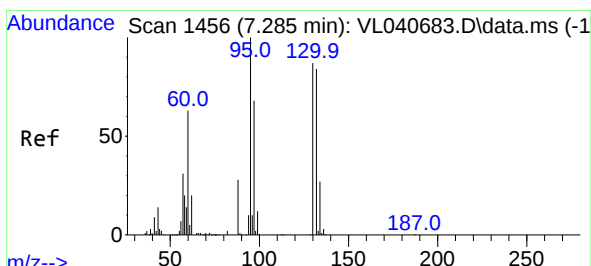
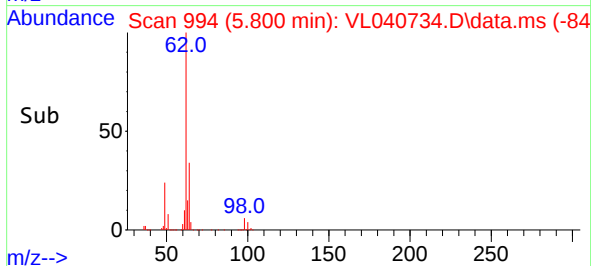
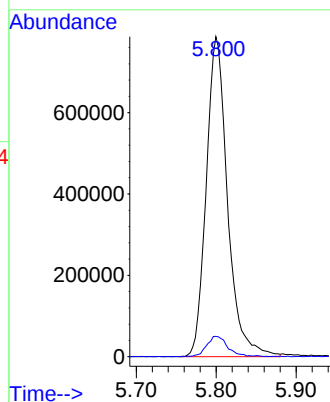
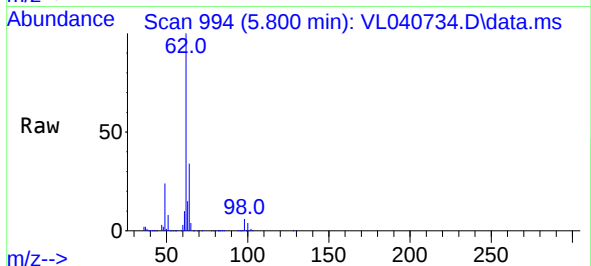




#37
1,2-Dichloroethane
Concen: 9.029 ppbv
RT: 5.800 min Scan# 994
Delta R.T. -0.016 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

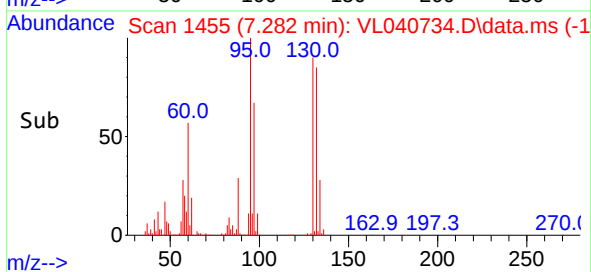
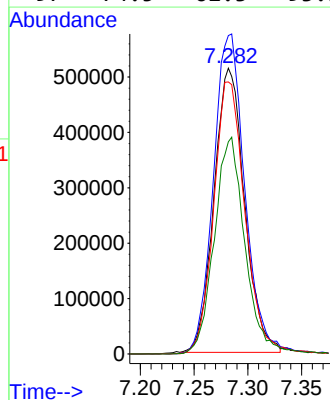
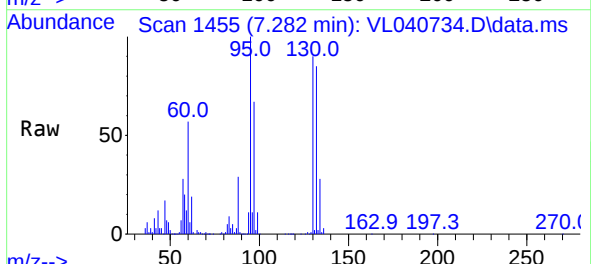
Instrument :
MSVOA_L
ClientSampleId :

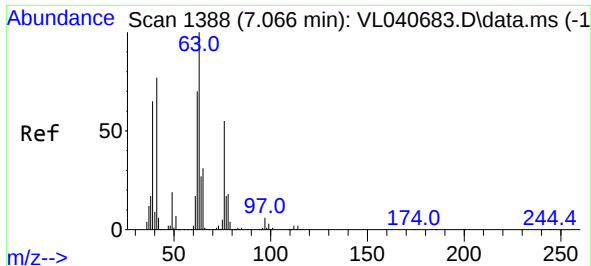
Tgt Ion: 62 Resp: 1457053
Ion Ratio Lower Upper
62 100
98 6.4 4.2 6.4



#38
Trichloroethene
Concen: 11.285 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:130 Resp: 1014814
Ion Ratio Lower Upper
130 100
95 111.8 91.9 137.9
132 95.7 77.3 115.9
97 74.5 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.770 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

ClientSampleId :

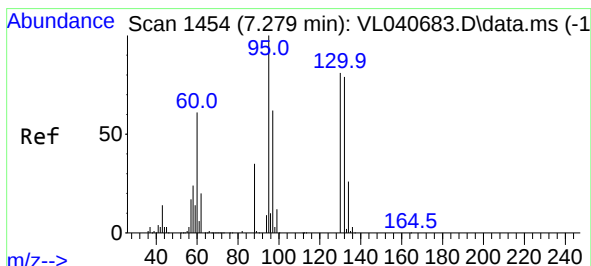
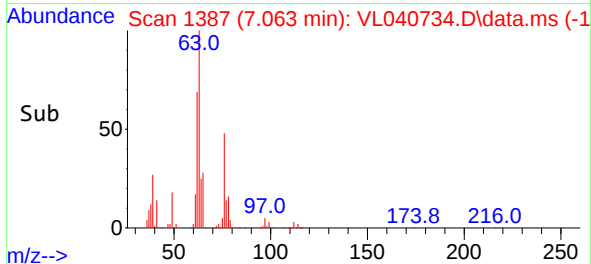
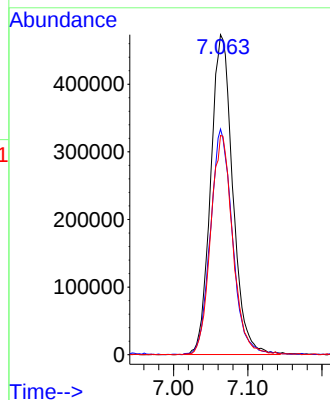
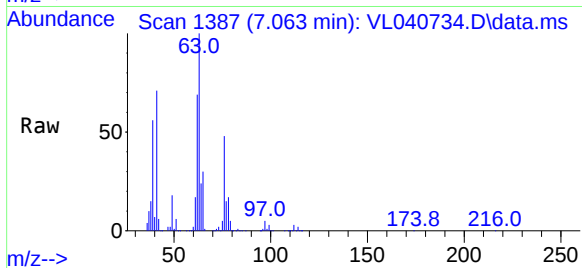
Tgt Ion: 63 Resp: 977475

Ion Ratio Lower Upper

63 100

41 70.4 61.6 92.4

62 68.4 55.8 83.8



#40

1,4-Dioxane

Concen: 11.599 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.022 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Tgt Ion: 88 Resp: 397977

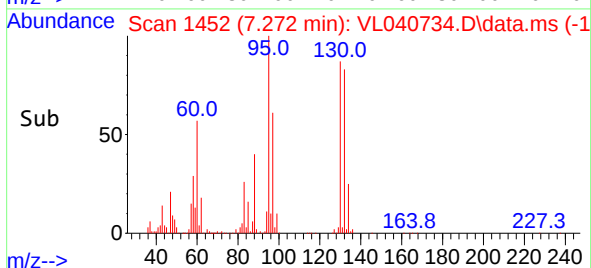
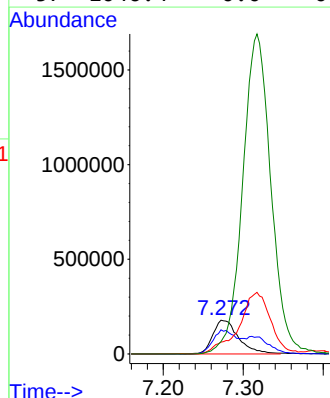
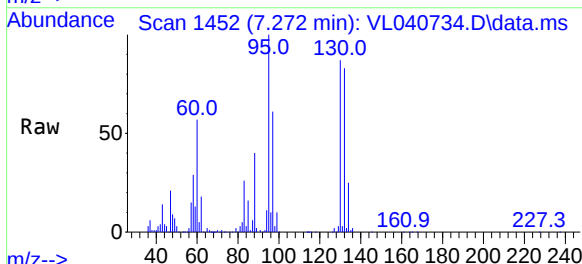
Ion Ratio Lower Upper

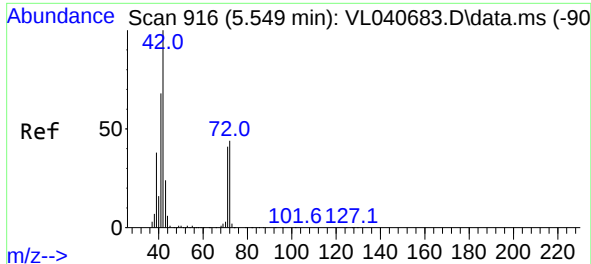
88 100

58 115.0 92.7 139.1

43 226.3 0.0 0.0#

57 1046.4 0.0 0.0#

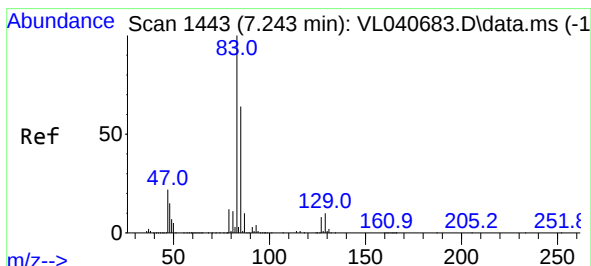
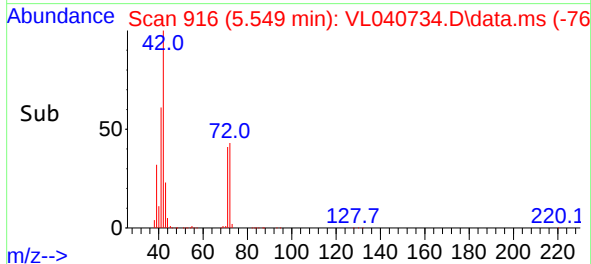
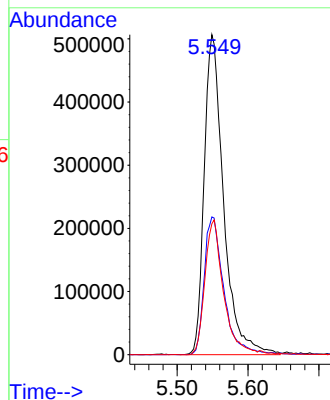
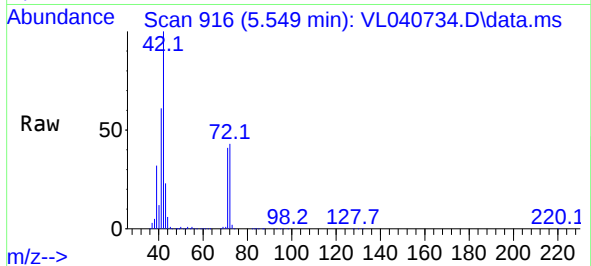




#41
Tetrahydrofuran
Concen: 11.741 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

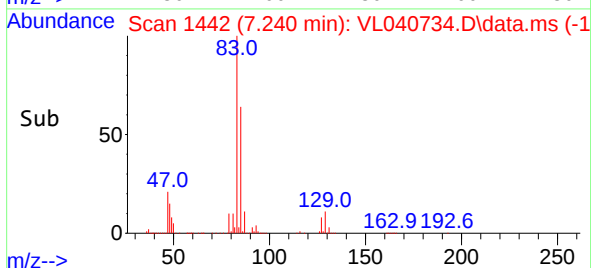
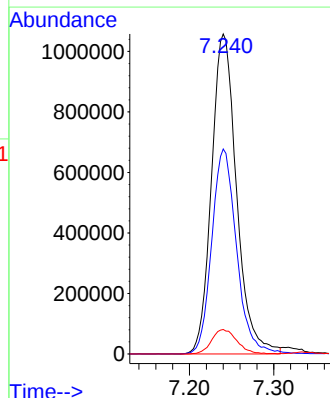
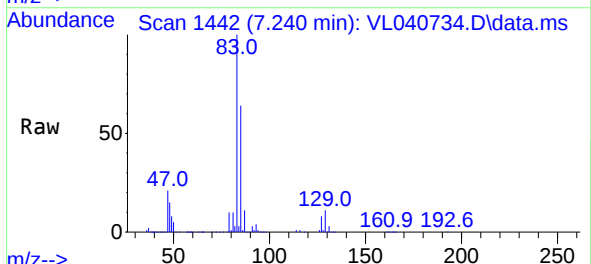
Instrument :
MSVOA_L
ClientSampleId :

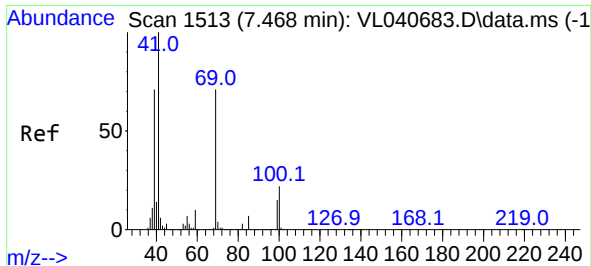
Tgt Ion: 42 Resp: 964104
Ion Ratio Lower Upper
42 100
72 43.6 34.9 52.3
71 41.2 33.8 50.8



#42
Bromodichloromethane
Concen: 9.923 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 83 Resp: 2184894
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 7.7 6.2 9.4



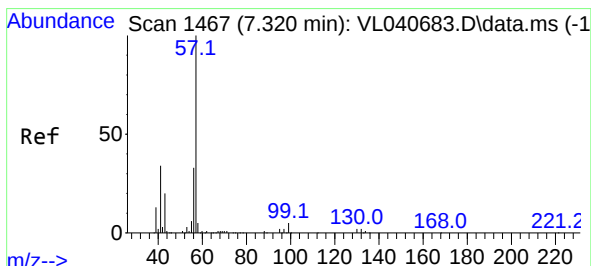
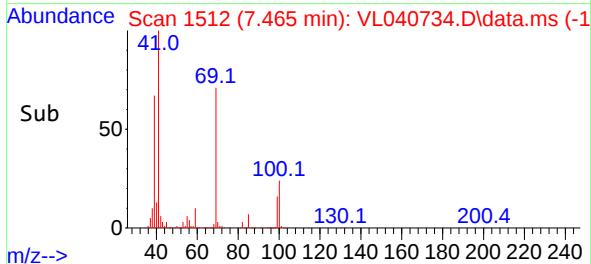
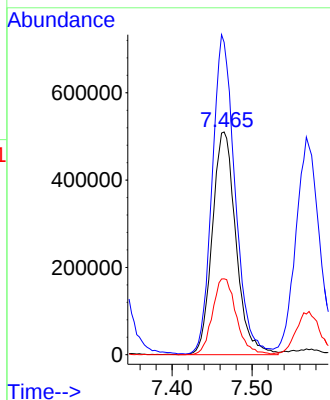
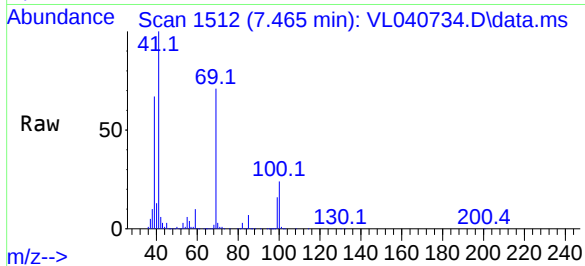


#43
Methyl Methacrylate
Concen: 11.939 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1046403

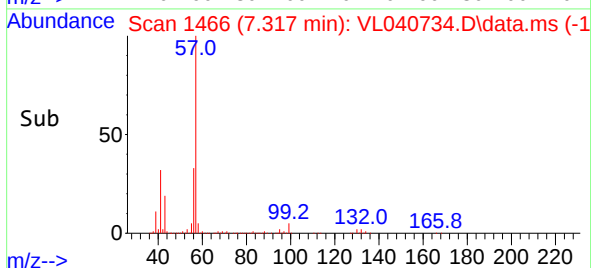
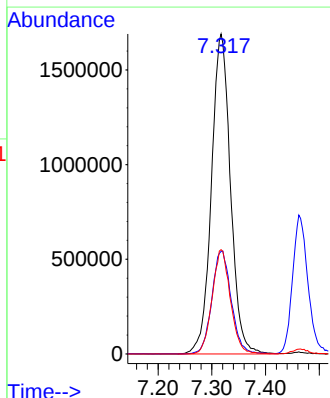
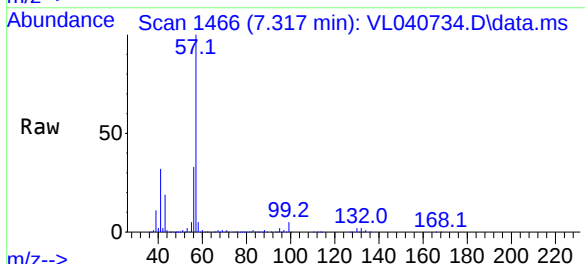
Ion	Ratio	Lower	Upper
69	100		
41	138.7	113.8	170.8
100	34.3	25.4	38.0

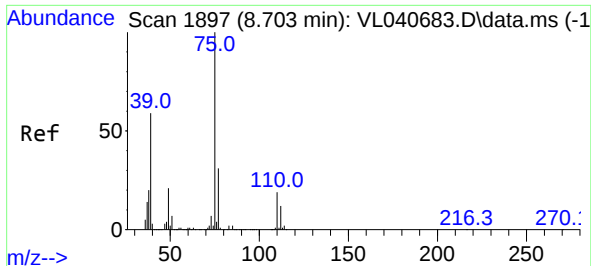


#44
2,2,4-Trimethylpentane
Concen: 11.091 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 57 Resp: 4164075

Ion	Ratio	Lower	Upper
57	100		
41	32.8	28.5	42.7
56	31.3	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 12.593 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

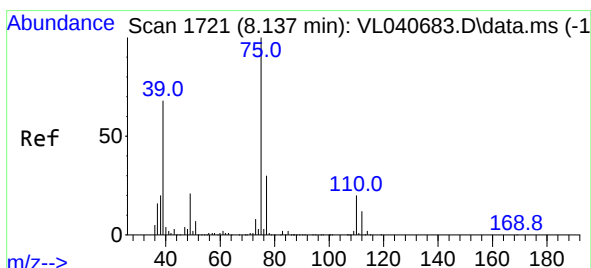
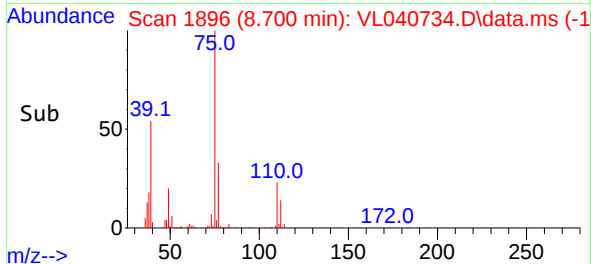
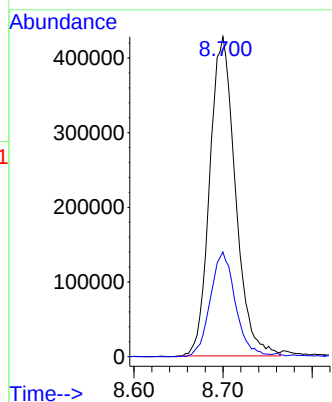
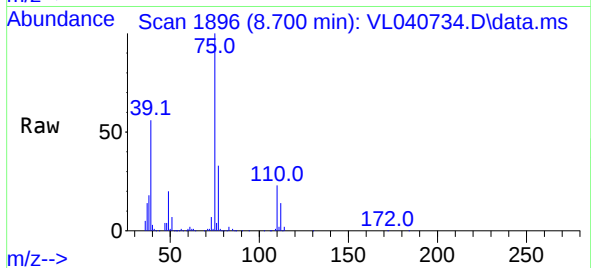
ClientSampleId :

Tgt Ion: 75 Resp: 855841

Ion Ratio Lower Upper

75 100

77 32.7 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 12.114 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.019 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

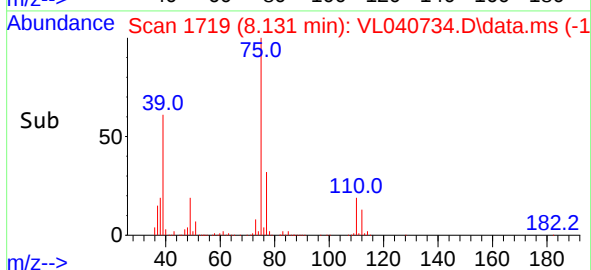
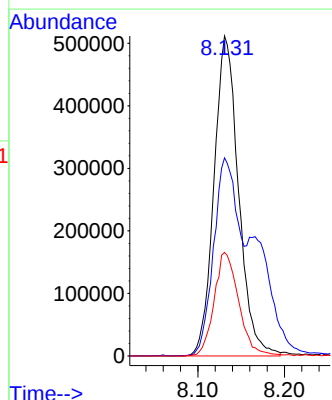
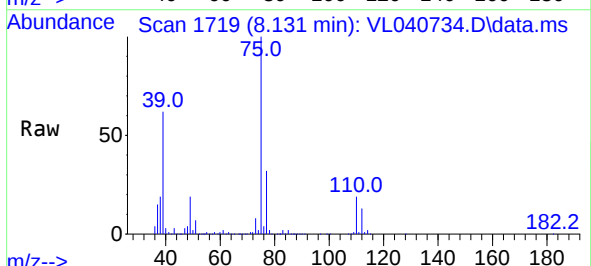
Tgt Ion: 75 Resp: 1007280

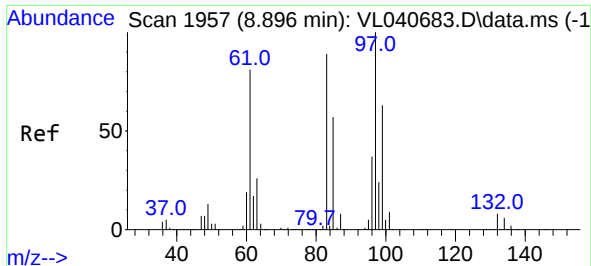
Ion Ratio Lower Upper

75 100

39 61.8 54.0 81.0

77 32.3 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 10.491 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.022 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

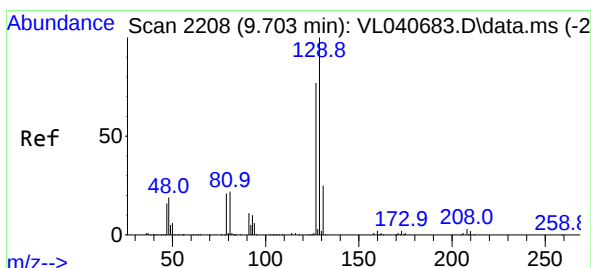
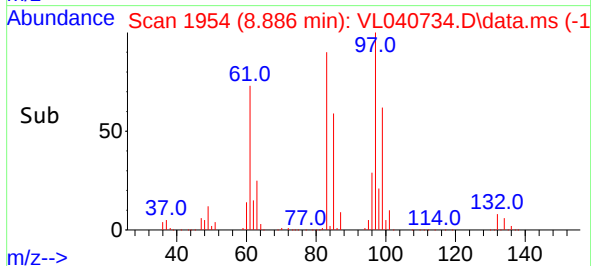
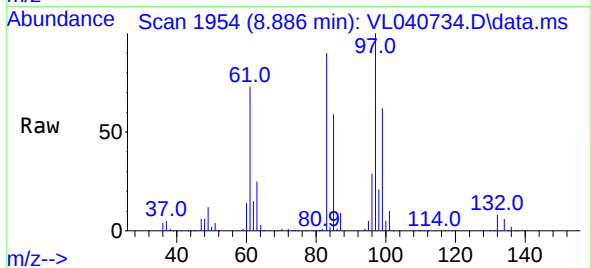
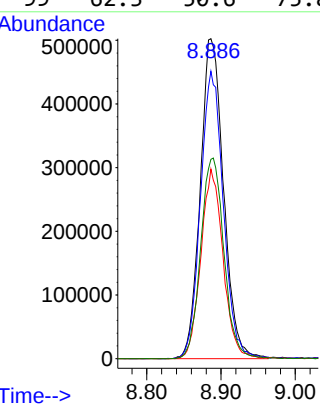
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1092703

Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.8	106.2
85	59.3	45.7	68.5
99	62.3	50.6	75.8



#48

Dibromochloromethane

Concen: 10.930 ppbv

RT: 9.697 min Scan# 2206

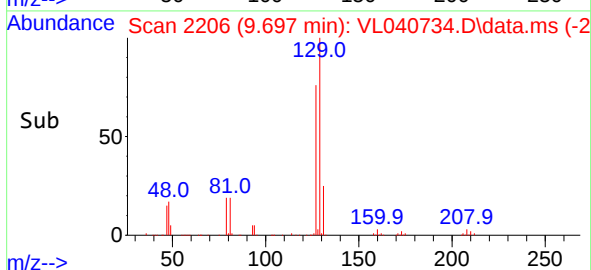
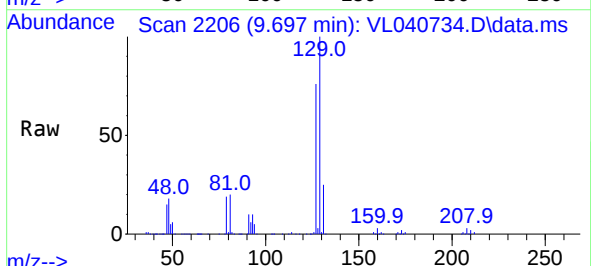
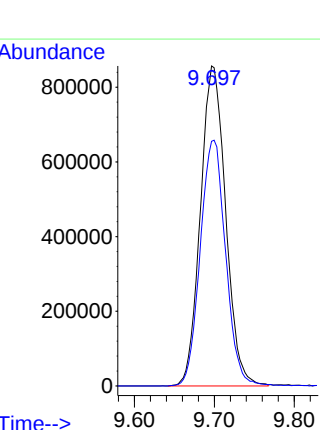
Delta R.T. -0.026 min

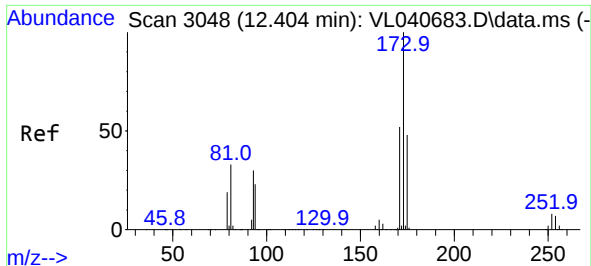
Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Tgt Ion: 129 Resp: 1878104

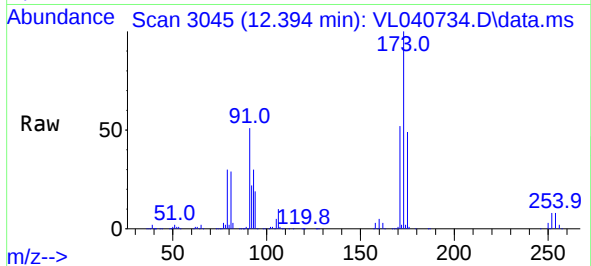
Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.4	118.2





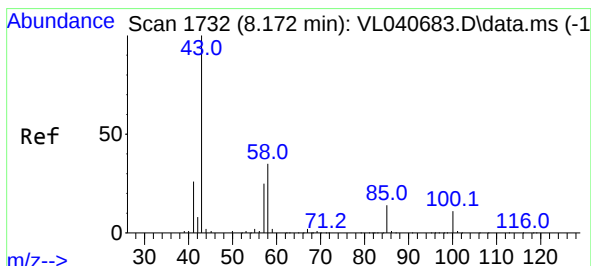
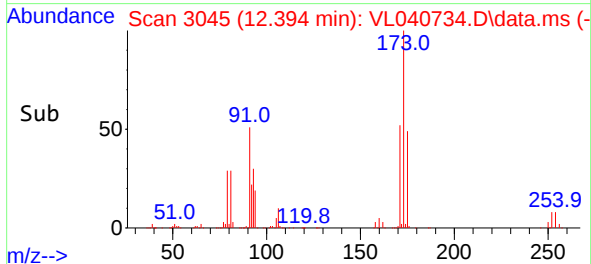
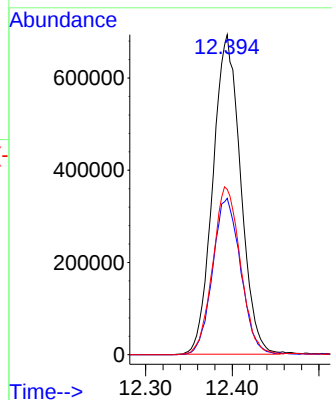
#49
Bromoform
Concen: 10.921 ppbv
RT: 12.394 min Scan# 3048
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1541070

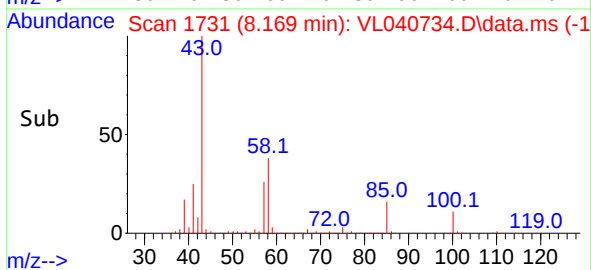
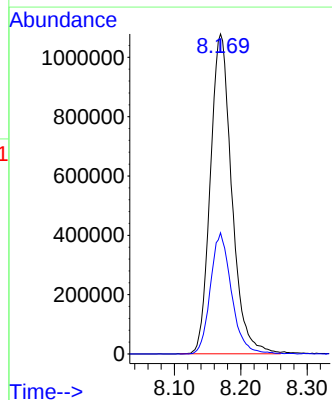
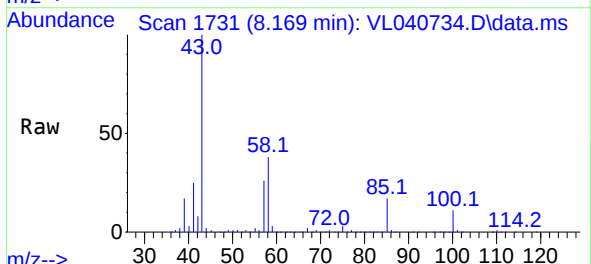
Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.8	58.2
171	53.2	42.2	63.2

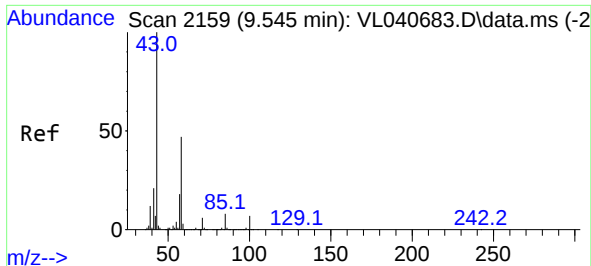


#50
4-Methyl-2-Pentanone
Concen: 11.184 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 43 Resp: 2420155

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.2	42.4

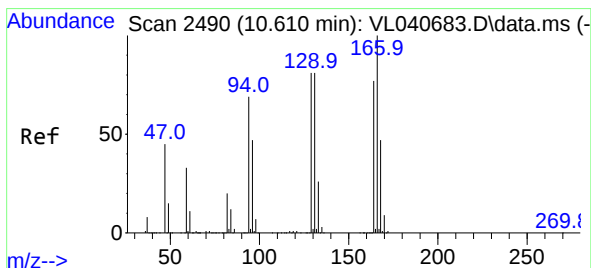
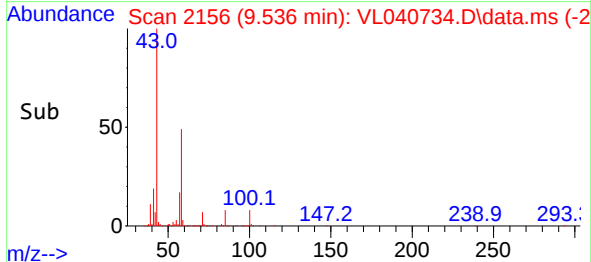
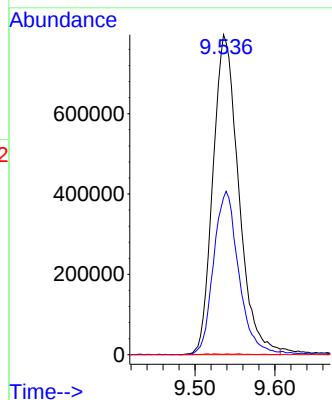
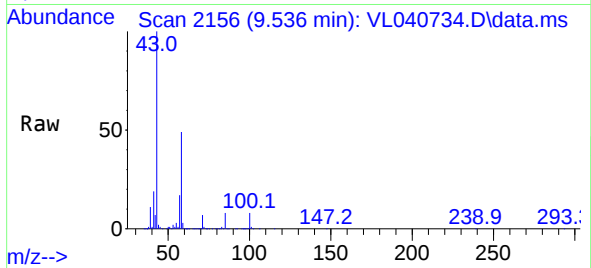




#51
2-Hexanone
Concen: 11.915 ppbv
RT: 9.536 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

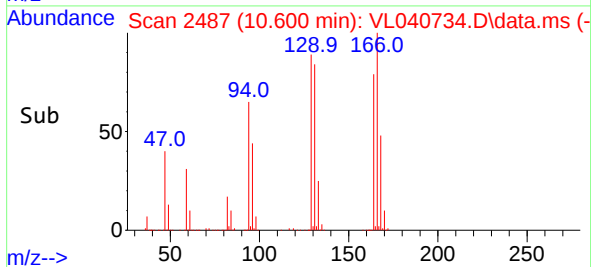
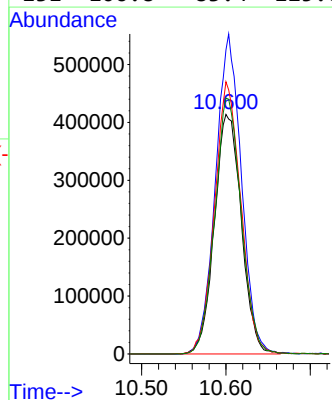
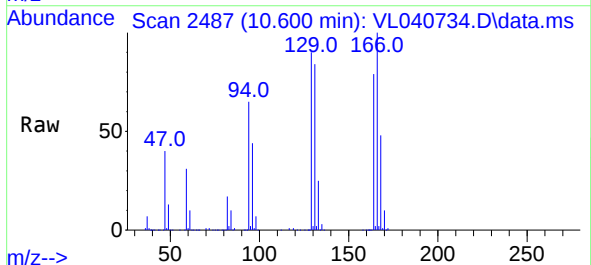
Instrument :
MSVOA_L
ClientSampleId :

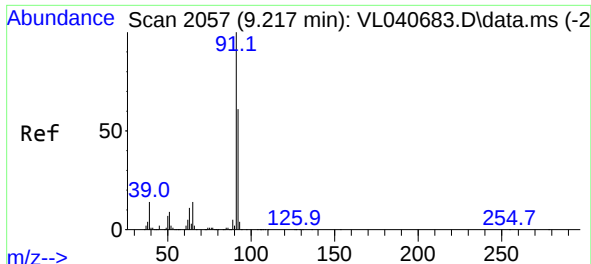
Tgt Ion: 43 Resp: 1779604
Ion Ratio Lower Upper
43 100
58 50.7 37.6 56.4
98 0.2 0.6 1.0#



#52
Tetrachloroethene
Concen: 11.908 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 164 Resp: 915946
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 113.5 83.5 125.3
131 106.8 83.4 125.0

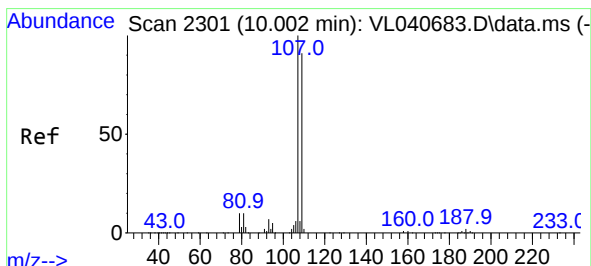
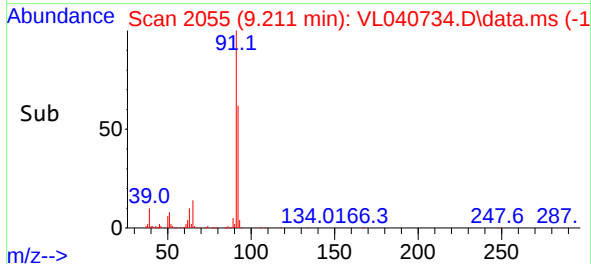
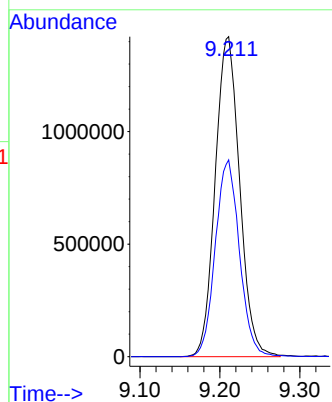
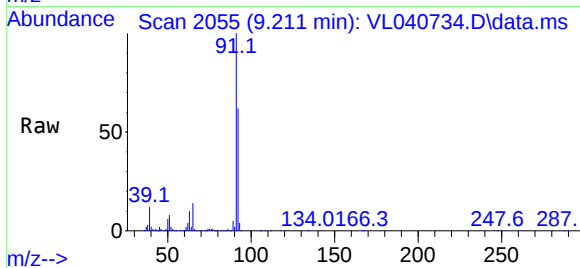




#53
Toluene
Concen: 12.114 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

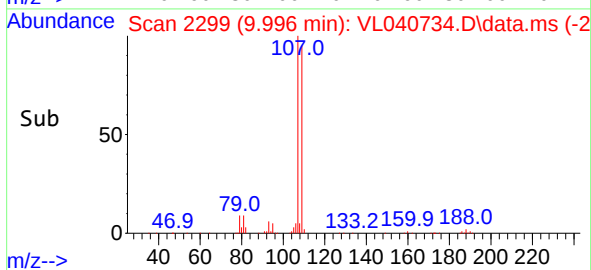
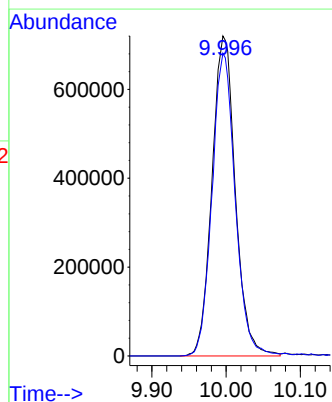
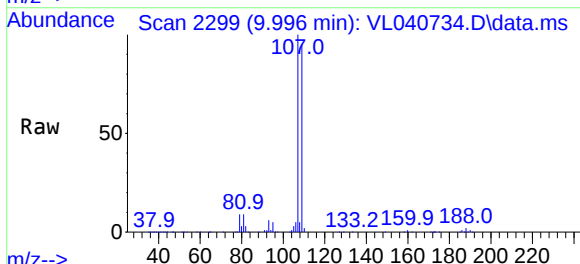
Instrument :
MSVOA_L
ClientSampleId :

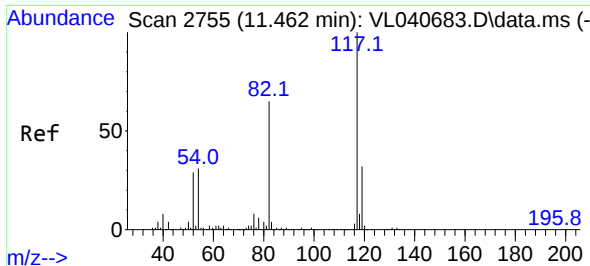
Tgt Ion: 91 Resp: 3015591
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7



#54
1,2-Dibromoethane
Concen: 11.835 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 107 Resp: 1573443
Ion Ratio Lower Upper
107 100
109 94.6 72.4 108.6

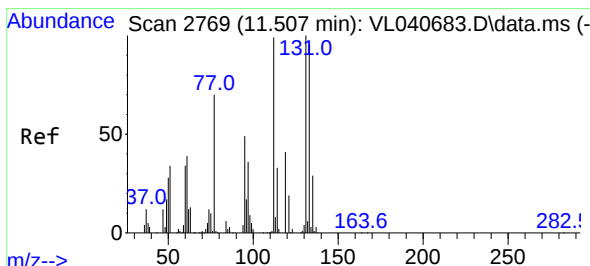
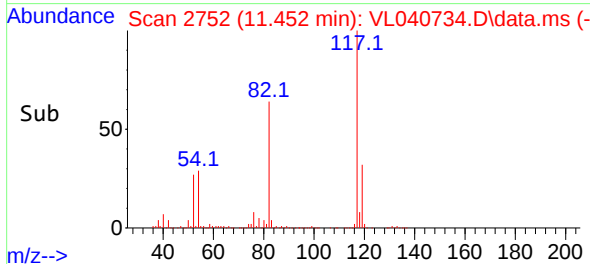
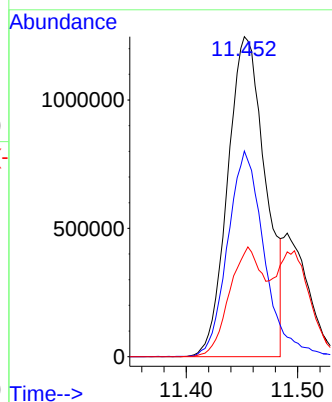
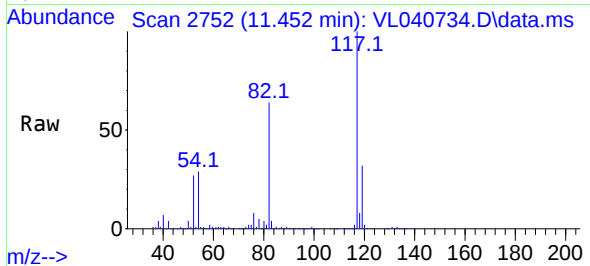




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

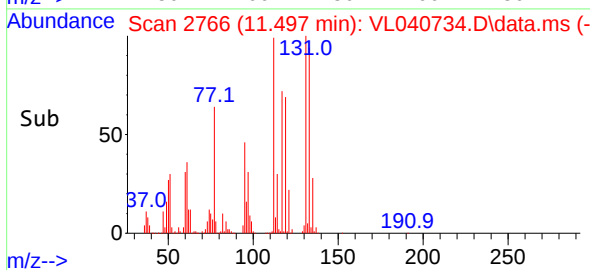
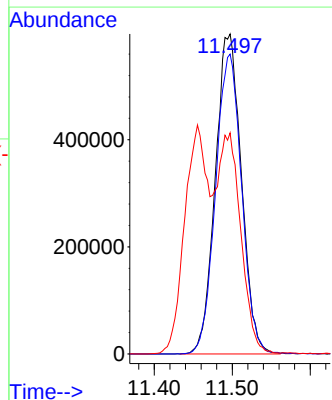
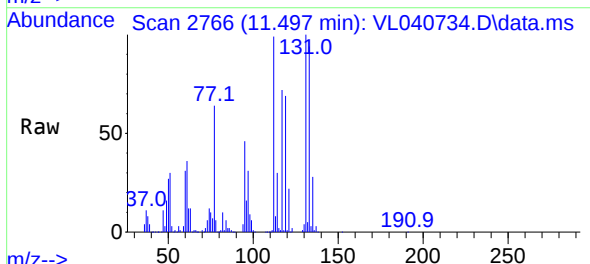
Instrument :
MSVOA_L
ClientSampleId :

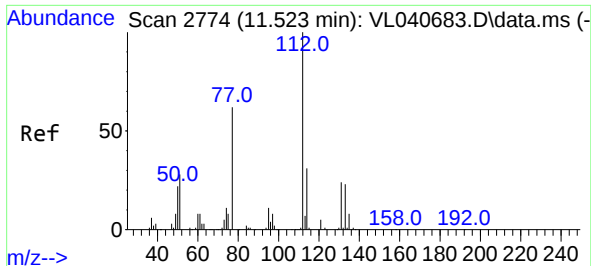
Tgt Ion:117 Resp: 2941412
Ion Ratio Lower Upper
117 100
82 63.0 51.4 77.0
119 29.4 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.909 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:131 Resp: 1389343
Ion Ratio Lower Upper
131 100
133 93.8 76.2 114.2
119 58.9 45.5 68.3

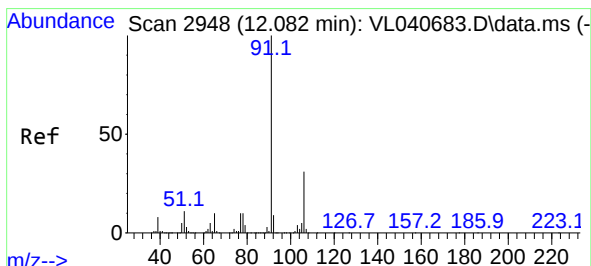
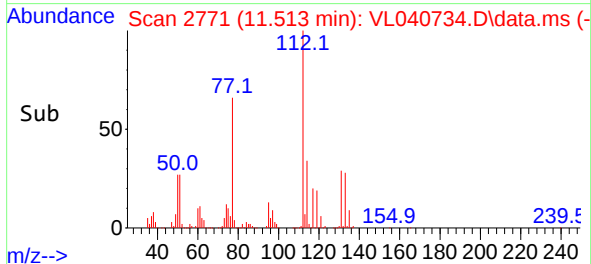
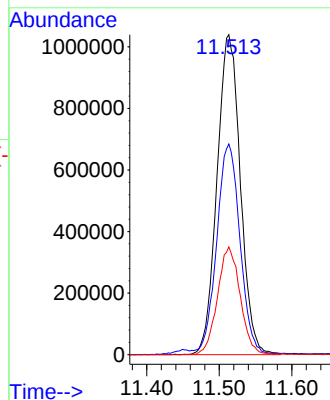
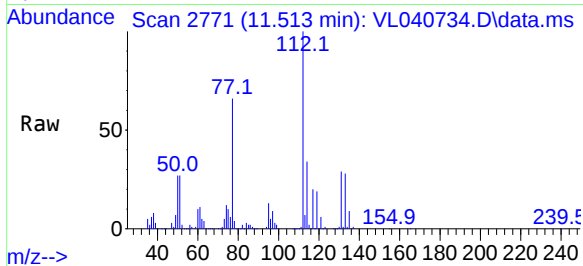




#57
Chlorobenzene
Concen: 10.449 ppbv
RT: 11.513 min Scan# 211
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

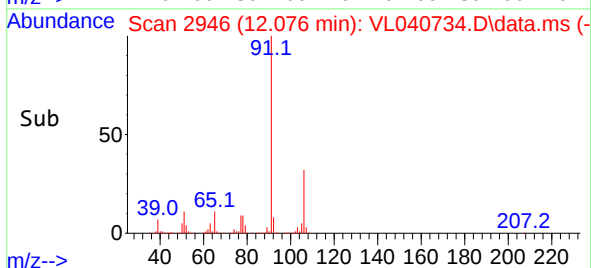
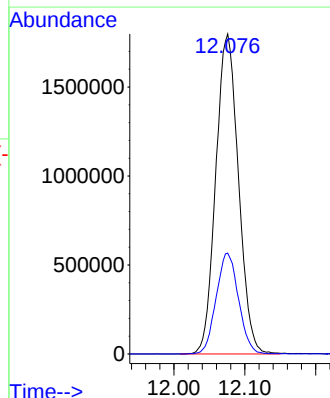
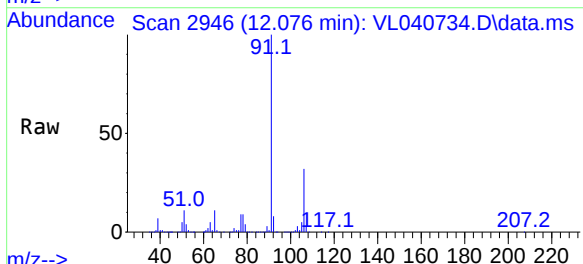
Instrument :
MSVOA_L
ClientSampleId :

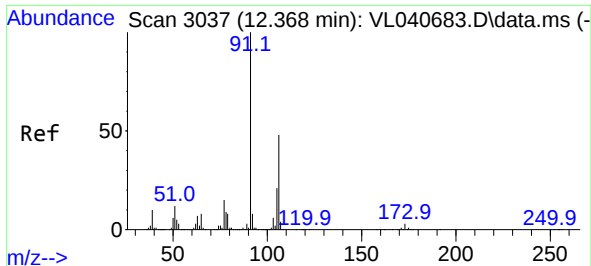
Tgt Ion:112 Resp: 2327367
Ion Ratio Lower Upper
112 100
77 65.6 50.8 76.2
114 33.7 28.2 34.4



#58
Ethyl Benzene
Concen: 11.911 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 3994304
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1





#59

m/p-Xylene

Concen: 11.010 ppbv

RT: 12.356 min Scan# 3037

Delta R.T. -0.026 min

Lab File: VL040734.D

Acq: 4 Oct 2023 10:00

Instrument :

MSVOA_L

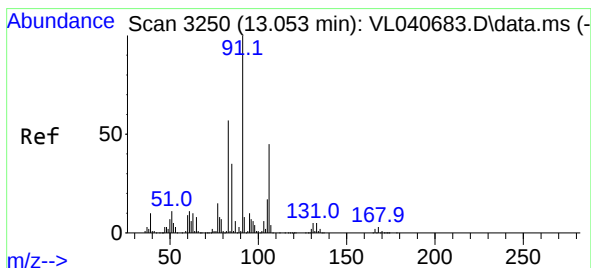
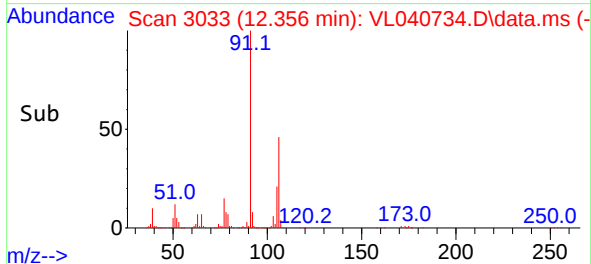
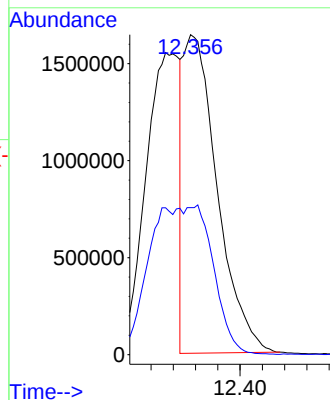
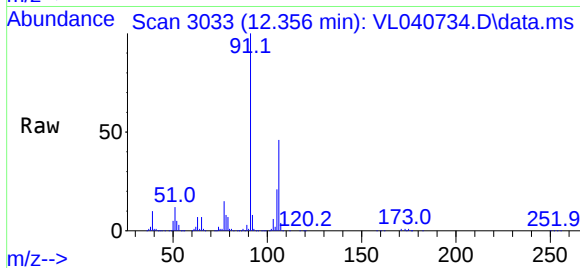
ClientSampleId :

Tgt Ion: 91 Resp: 3467015

Ion Ratio Lower Upper

91 100

106 88.0 34.8 52.2#



#60

o-Xylene

Concen: 10.856 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.022 min

Lab File: VL040734.D

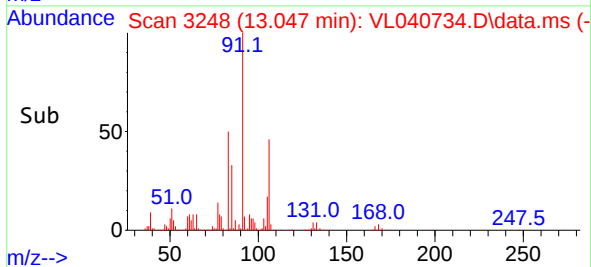
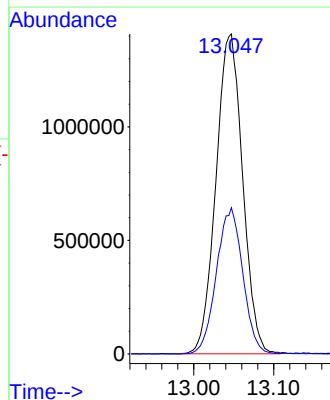
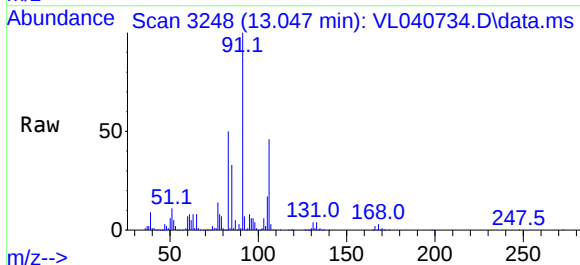
Acq: 4 Oct 2023 10:00

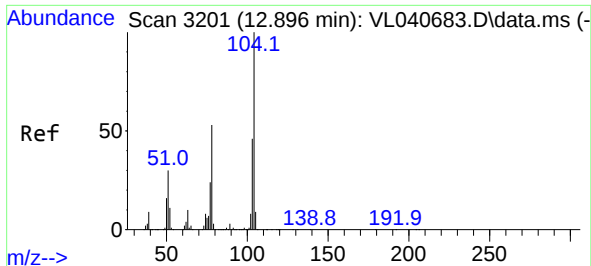
Tgt Ion: 91 Resp: 3260185

Ion Ratio Lower Upper

91 100

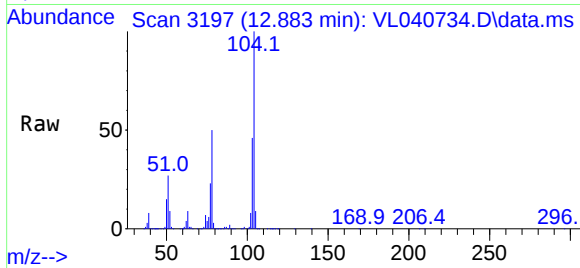
106 45.3 22.3 66.9



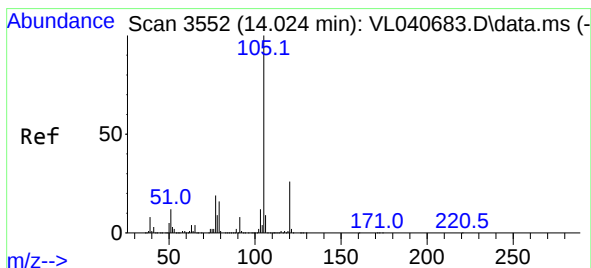
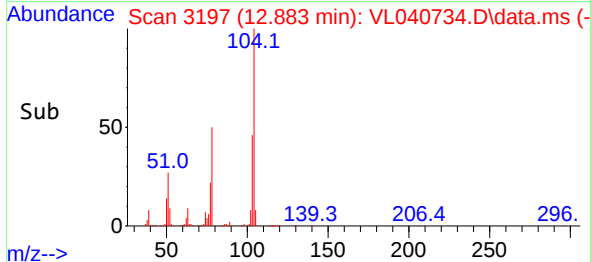
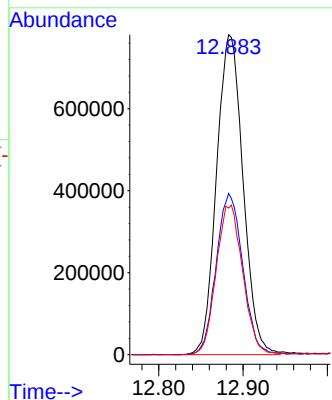


#61
Styrene
Concen: 13.528 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :

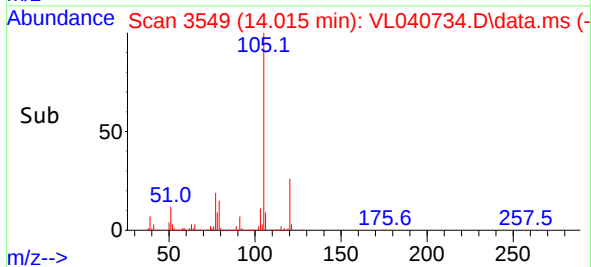
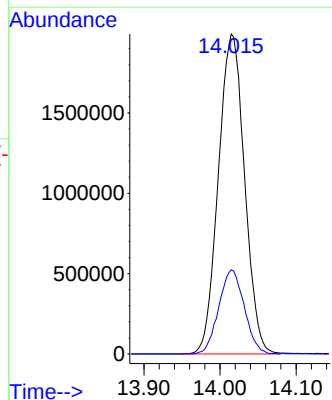
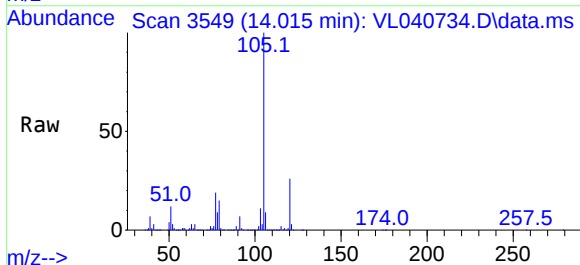


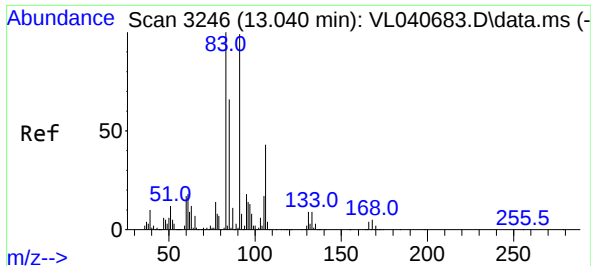
Tgt Ion:104 Resp: 1702672
Ion Ratio Lower Upper
104 100
78 50.8 43.4 65.0
103 47.1 37.2 55.8



#62
Isopropylbenzene
Concen: 10.498 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:105 Resp: 4760171
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4

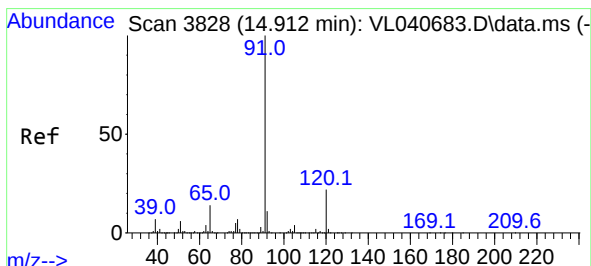
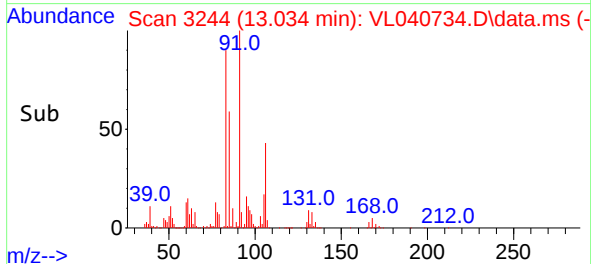
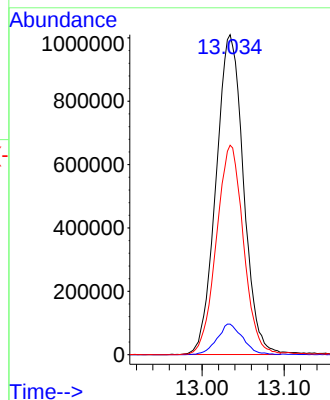
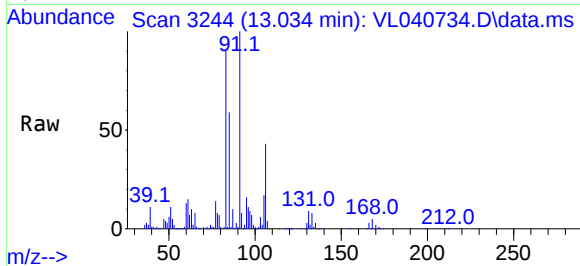




#63
1,1,2,2-Tetrachloroethane
Concen: 9.970 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

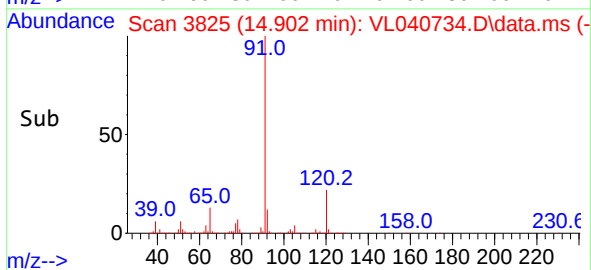
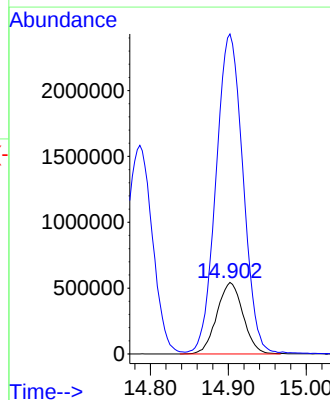
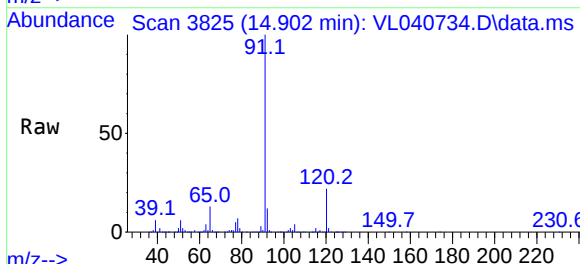
Instrument :
MSVOA_L
ClientSampleId :

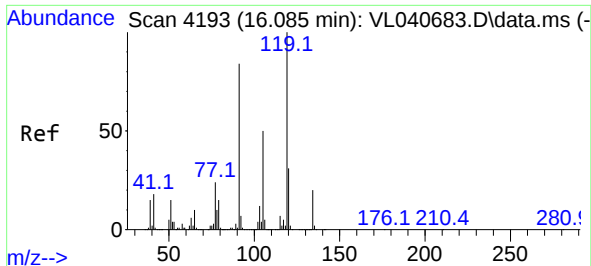
Tgt Ion: 83 Resp: 2346677
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 65.7 33.1 99.3



#64
n-propylbenzene
Concen: 11.177 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:120 Resp: 1267127
Ion Ratio Lower Upper
120 100
91 464.1 386.9 580.3

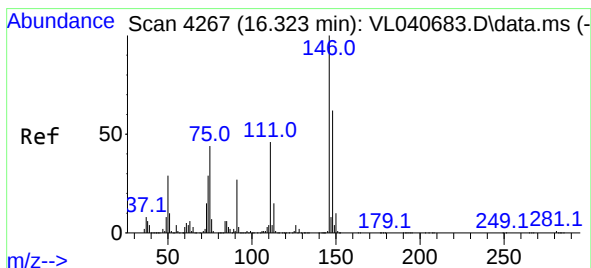
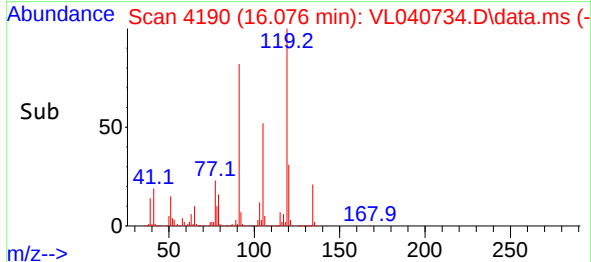
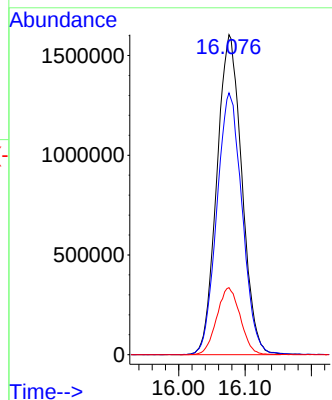
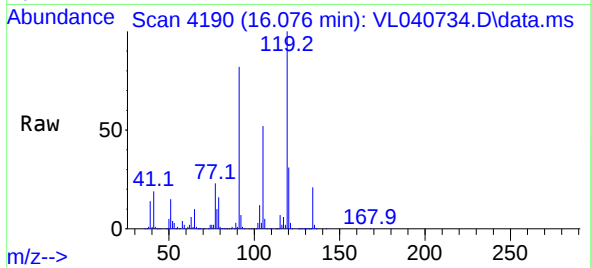




#65
tert-Butylbenzene
Concen: 10.310 ppbv
RT: 16.076 min Scan# 4190
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

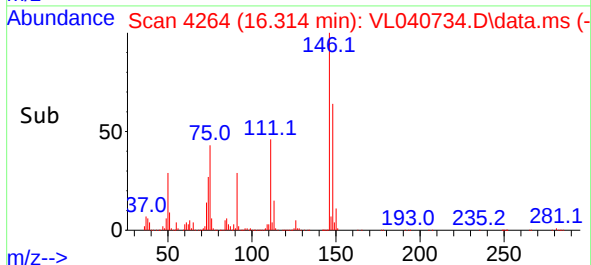
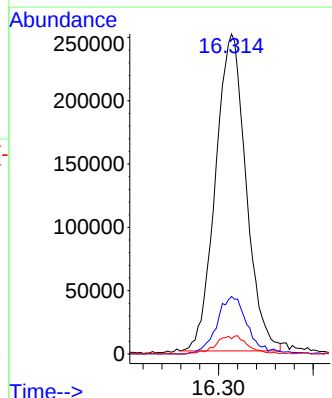
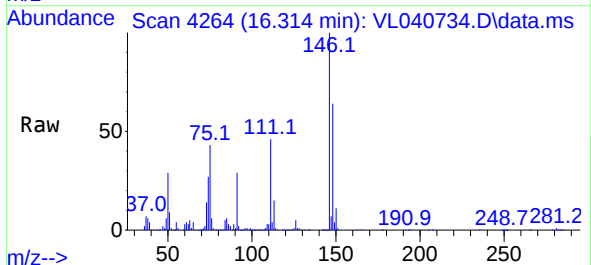
Instrument :
MSVOA_L
ClientSampleId :

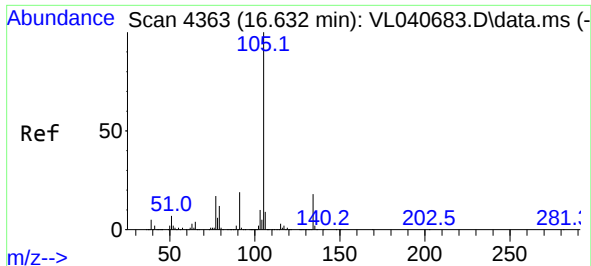
Tgt Ion:119 Resp: 4196006
Ion Ratio Lower Upper
119 100
91 83.1 69.8 104.8
134 19.7 15.4 23.2



#66
Benzyl Chloride
Concen: 11.810 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 560937
Ion Ratio Lower Upper
91 100
126 18.6 13.6 20.4
128 6.0 4.4 6.6

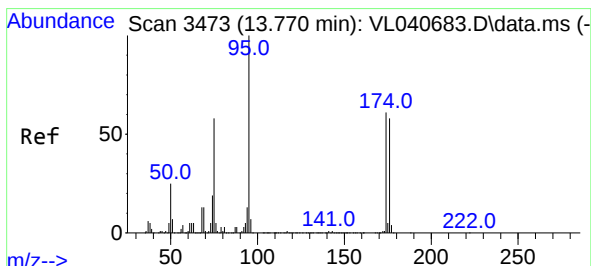
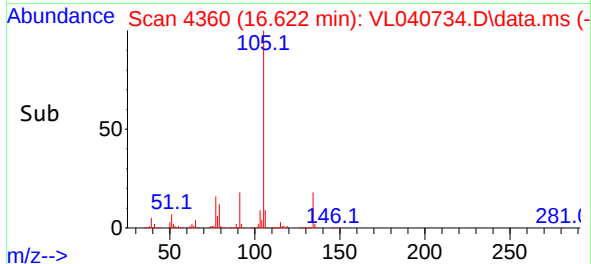
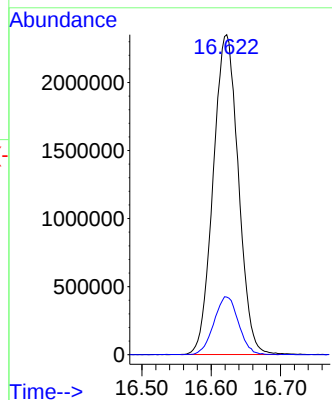
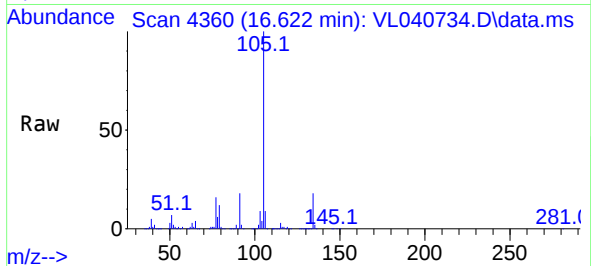




#67
 sec-Butylbenzene
 Concen: 10.178 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

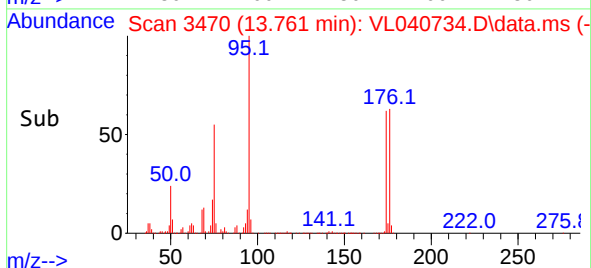
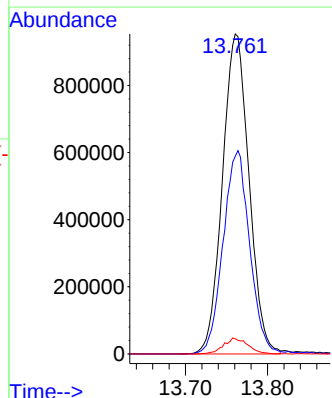
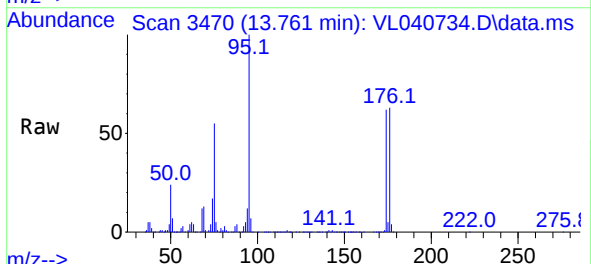
Instrument :
 MSVOA_L
 ClientSampleId :

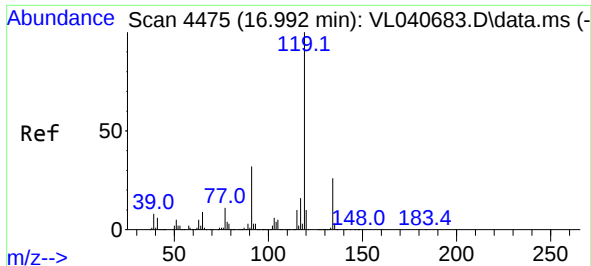
Tgt Ion:105 Resp: 5929693
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.448 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040734.D
 Acq: 4 Oct 2023 10:00

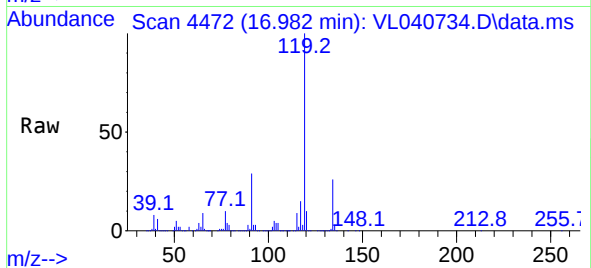
Tgt Ion: 95 Resp: 2147097
 Ion Ratio Lower Upper
 95 100
 174 64.3 48.9 73.3
 175 4.6 3.5 5.3



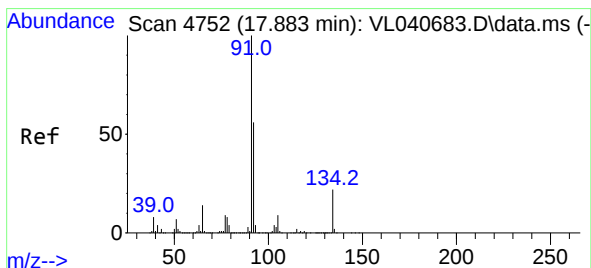
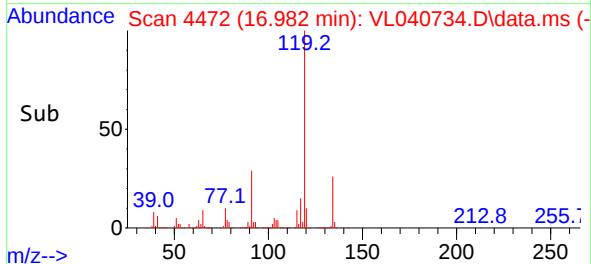
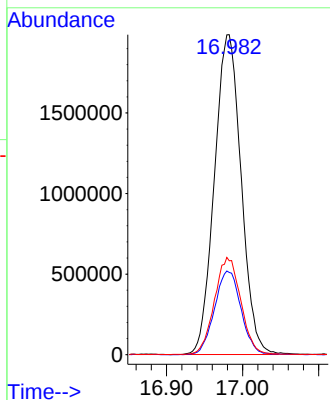


#69
p-Isopropyltoluene
Concen: 10.589 ppbv
RT: 16.982 min Scan# 4475
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :

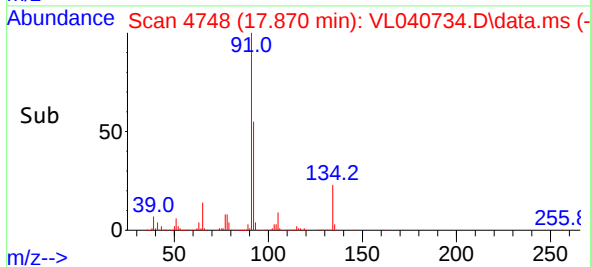
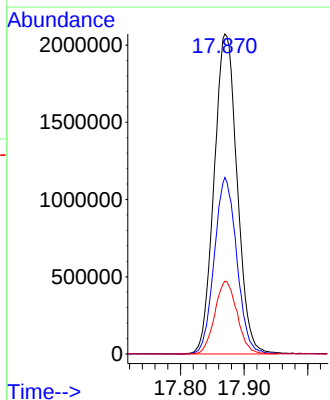
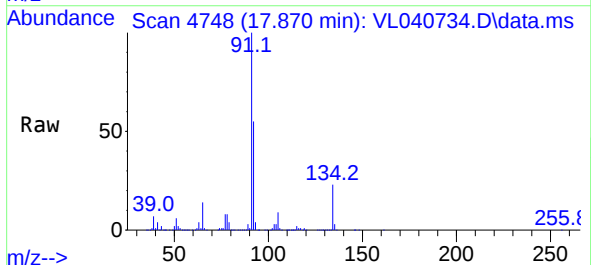


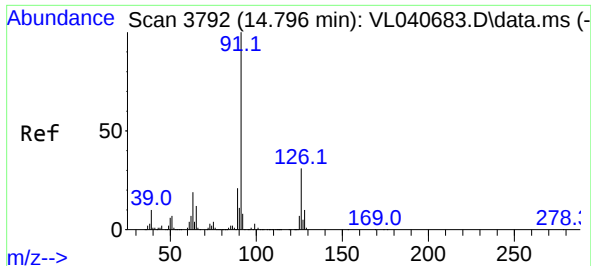
Tgt Ion:119 Resp: 4848377
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.2
91 30.1 25.0 37.6



#70
n-Butylbenzene
Concen: 10.318 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion: 91 Resp: 5199708
Ion Ratio Lower Upper
91 100
92 53.9 42.7 64.1
134 22.1 17.0 25.4

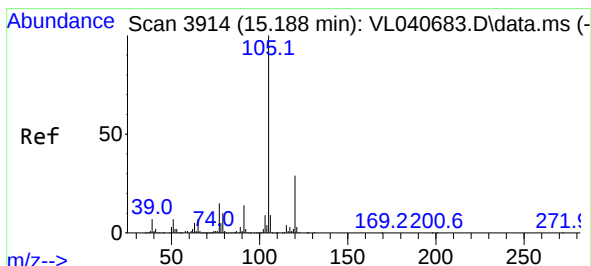
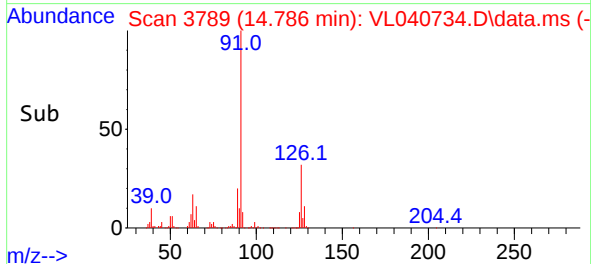
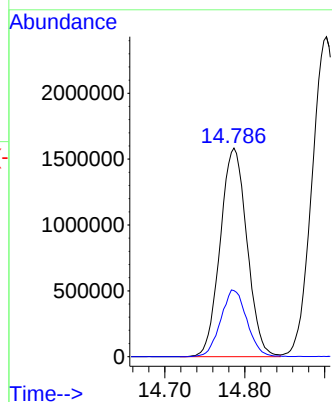
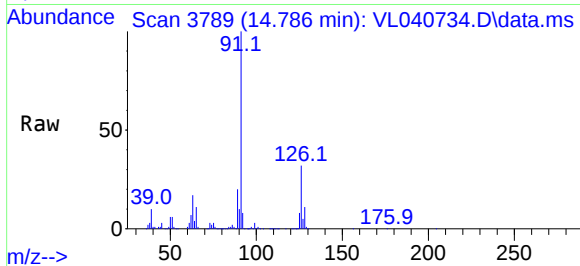




#71
2-Chlorotoluene
Concen: 10.966 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

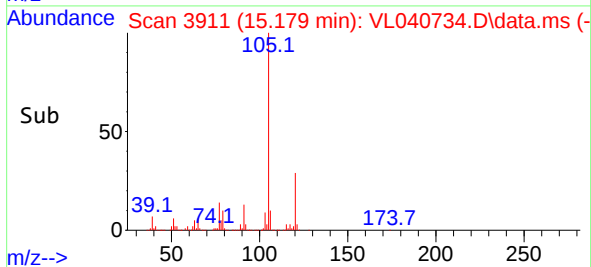
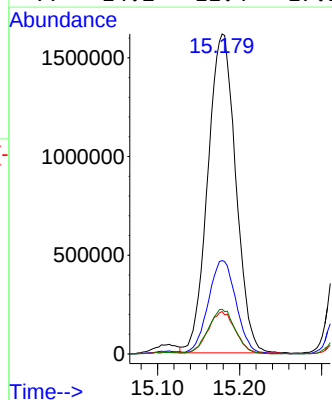
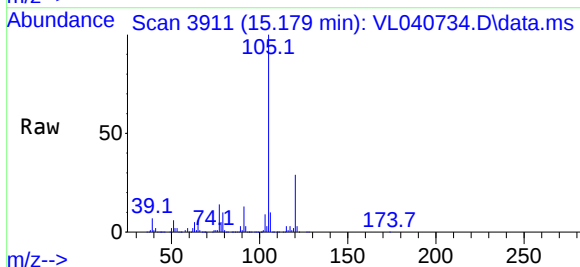
Instrument :
MSVOA_L
ClientSampleId :

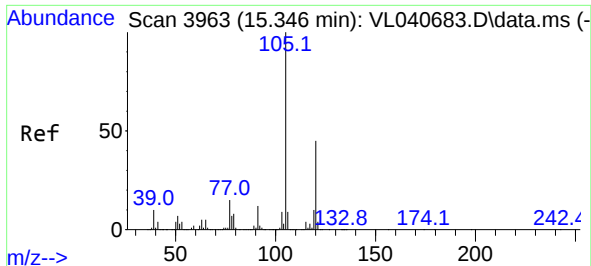
Tgt Ion: 91 Resp: 3678740
Ion Ratio Lower Upper
91 100
126 31.4 12.0 47.8



#72
4-Ethyltoluene
Concen: 11.353 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:105 Resp: 3823248
Ion Ratio Lower Upper
105 100
120 30.2 23.9 35.9
91 13.1 11.0 16.4
77 14.2 11.4 17.2

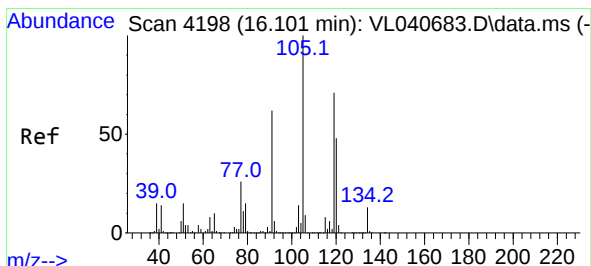
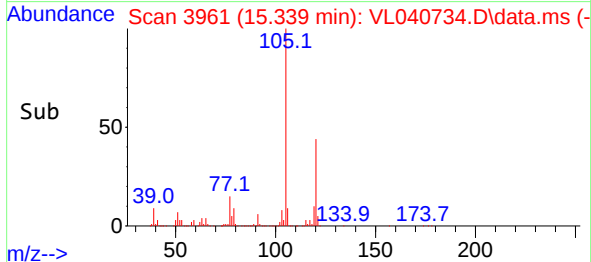
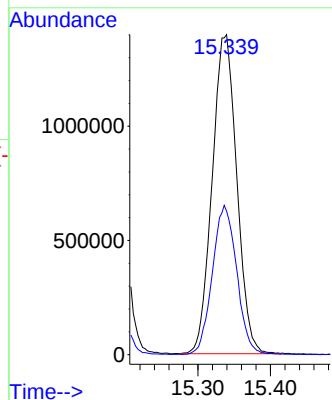
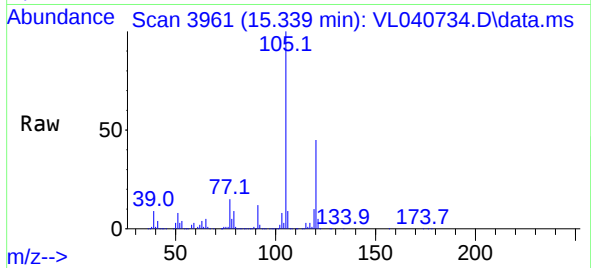




#73
1,3,5-Trimethylbenzene
Concen: 10.854 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

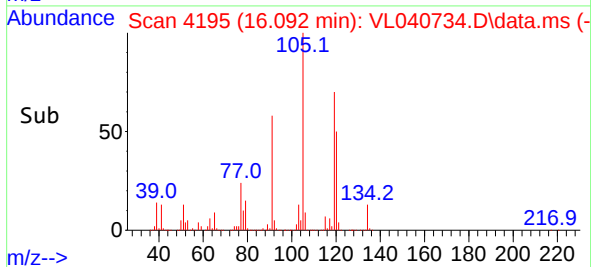
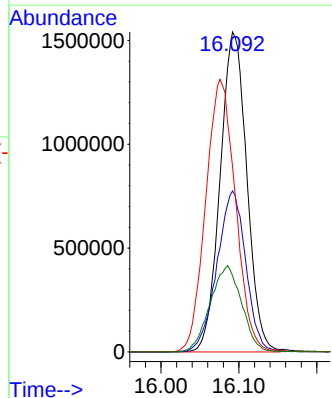
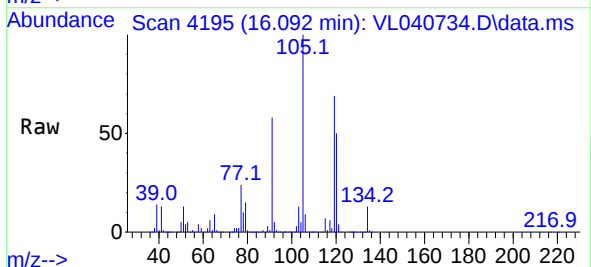
Instrument :
MSVOA_L
ClientSampleId :

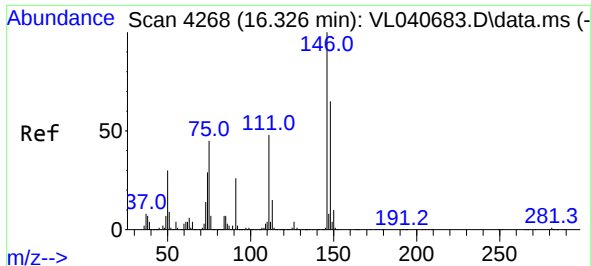
Tgt Ion:105 Resp: 3291382
Ion Ratio Lower Upper
105 100
120 44.8 36.1 54.1



#74
1,2,4-Trimethylbenzene
Concen: 9.907 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:105 Resp: 3662459
Ion Ratio Lower Upper
105 100
120 50.1 38.6 57.8
91 57.7 50.0 75.0
77 23.7 20.6 31.0

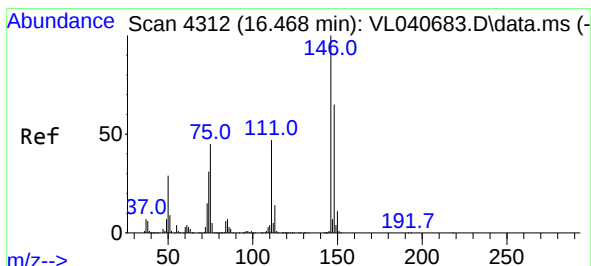
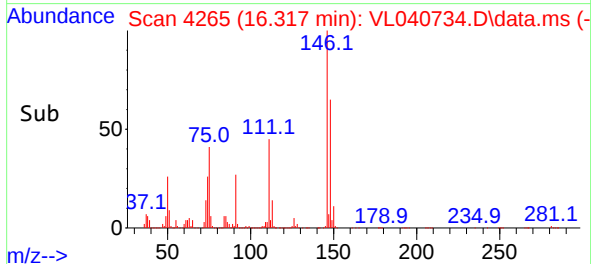
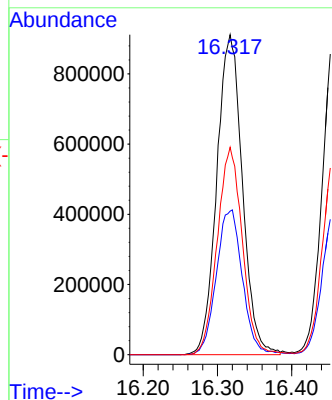
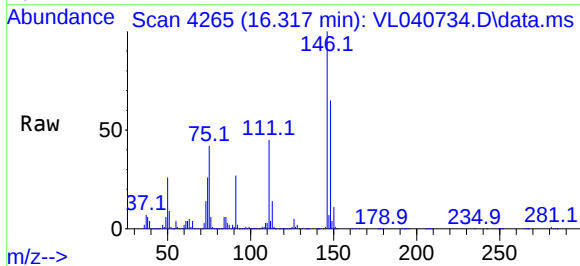




#75
1,3-Dichlorobenzene
Concen: 10.354 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

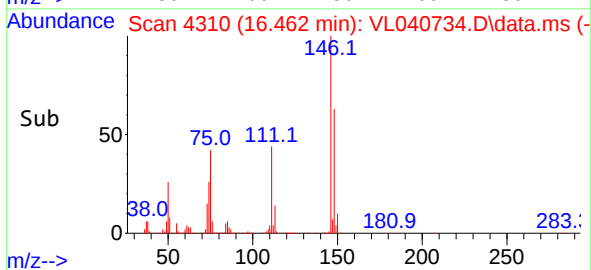
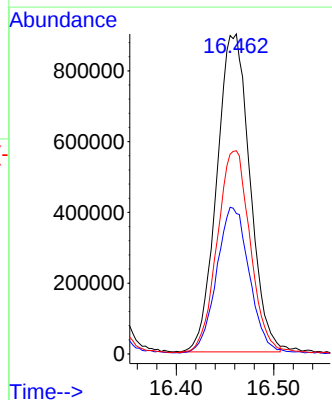
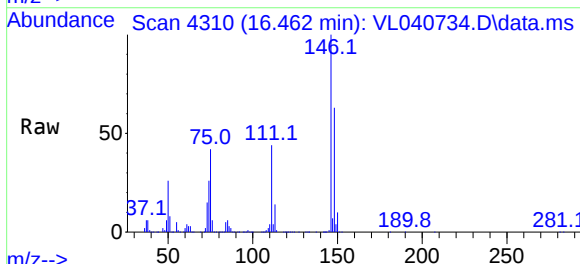
Instrument :
MSVOA_L
ClientSampleId :

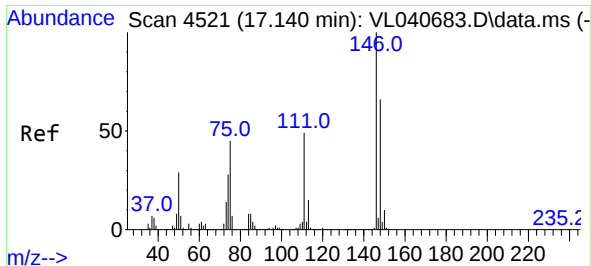
Tgt Ion:146 Resp: 2180710
Ion Ratio Lower Upper
146 100
111 46.3 23.9 71.7
148 63.8 31.8 95.4



#76
1,4-Dichlorobenzene
Concen: 10.210 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. -0.019 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:146 Resp: 2115924
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.2
148 65.2 32.6 97.7

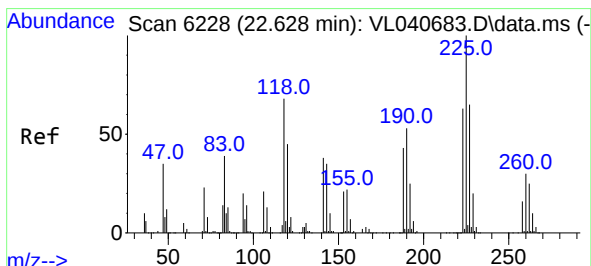
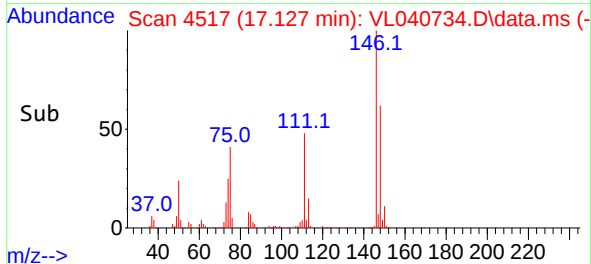
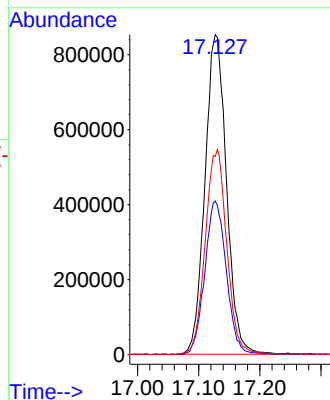
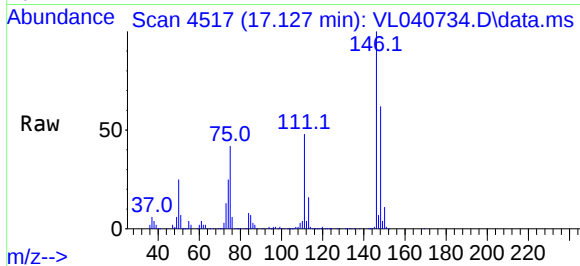




#77
1,2-Dichlorobenzene
Concen: 9.934 ppbv
RT: 17.127 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

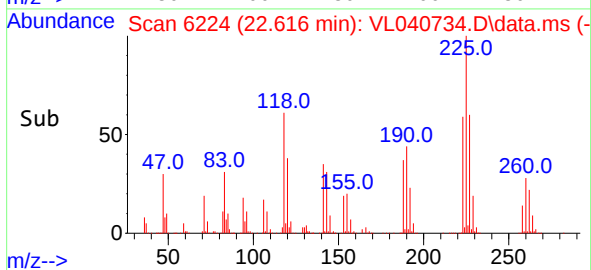
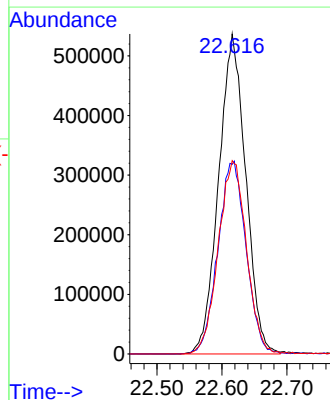
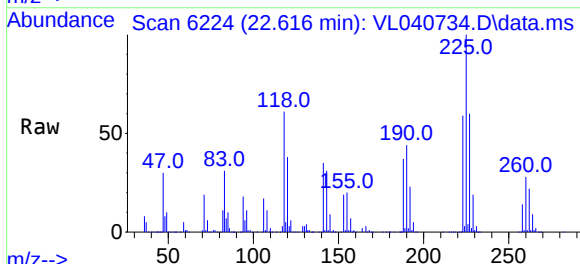
Instrument :
MSVOA_L
ClientSampleId :

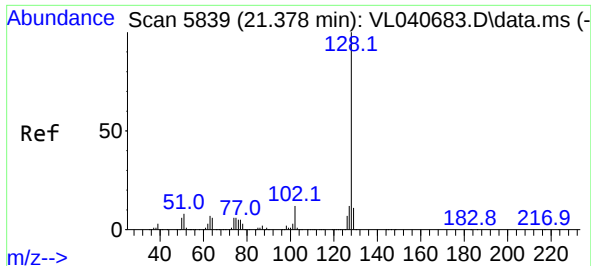
Tgt Ion:146 Resp: 2083977
Ion Ratio Lower Upper
146 100
111 48.5 25.0 75.0
148 64.3 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 9.788 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

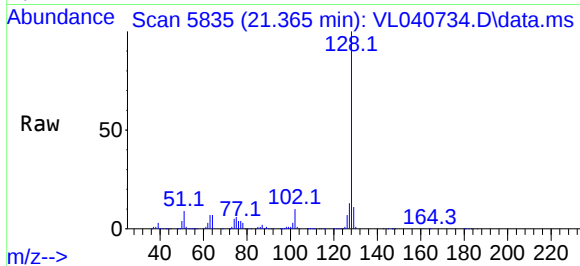
Tgt Ion:225 Resp: 1553677
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 62.9 50.7 76.1





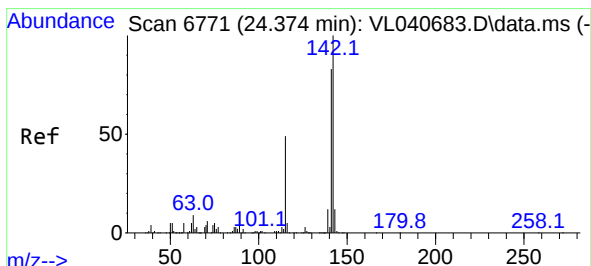
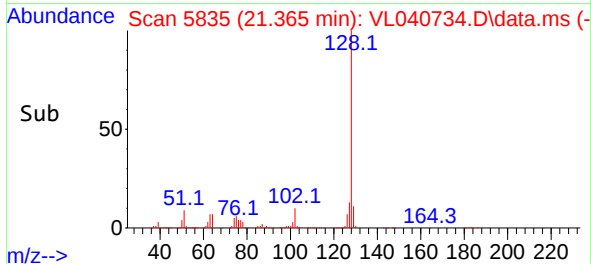
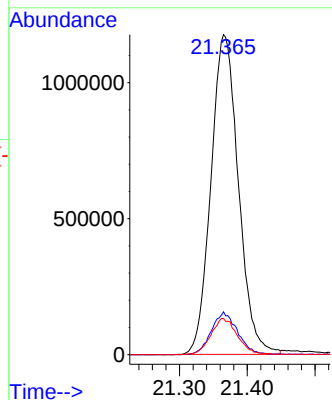
#79
Naphthalene
Concen: 14.395 ppbv
RT: 21.365 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:128 Resp: 3311444

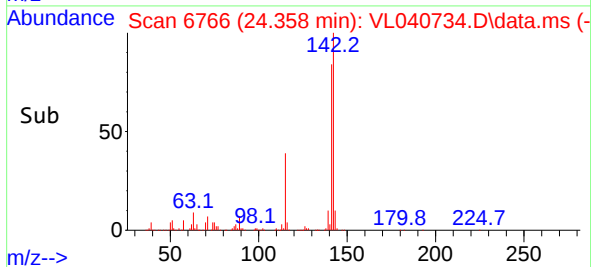
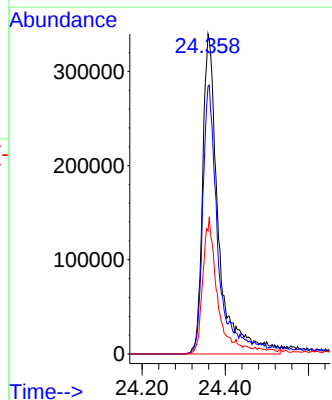
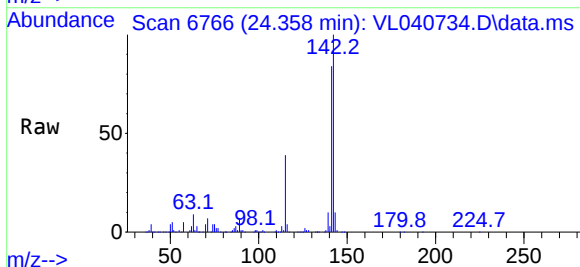
Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.8	14.6
129	11.3	8.4	12.6



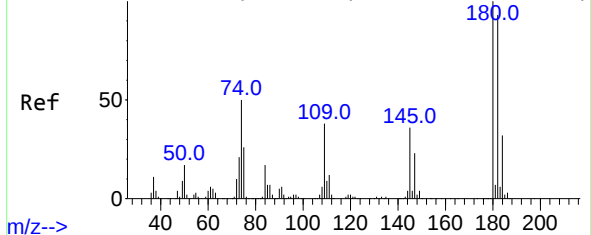
#80
Naphthalene,2-methyl-
Concen: 15.993 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.022 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Tgt Ion:142 Resp: 901088

Ion	Ratio	Lower	Upper
142	100		
141	83.7	67.0	100.6
115	42.3	37.4	56.2



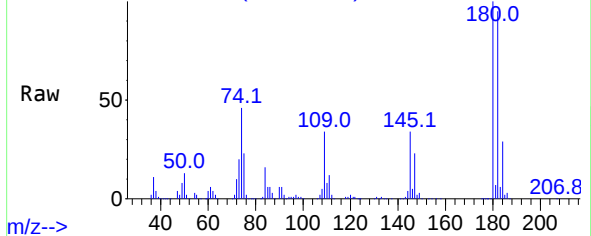
Abundance Scan 5764 (21.136 min): VL040683.D\data.ms (-



#81
1,2,4-Trichlorobenzene
Concen: 11.425 ppbv
RT: 21.121 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040734.D
Acq: 4 Oct 2023 10:00

Instrument :
MSVOA_L
ClientSampleId :

Abundance Scan 5759 (21.121 min): VL040734.D\data.ms



Tgt Ion:180 Resp: 1716722
Ion Ratio Lower Upper
180 100
182 96.0 77.9 116.9
184 30.6 24.4 36.6

Abundance Scan 5759 (21.121 min): VL040734.D\data.ms (-

