

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040724.D
 Acq On : 27 Sep 2023 12:50
 Operator : SY/MD
 Sample : 04616-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG2

Quant Time: Sep 28 01:43:47 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)

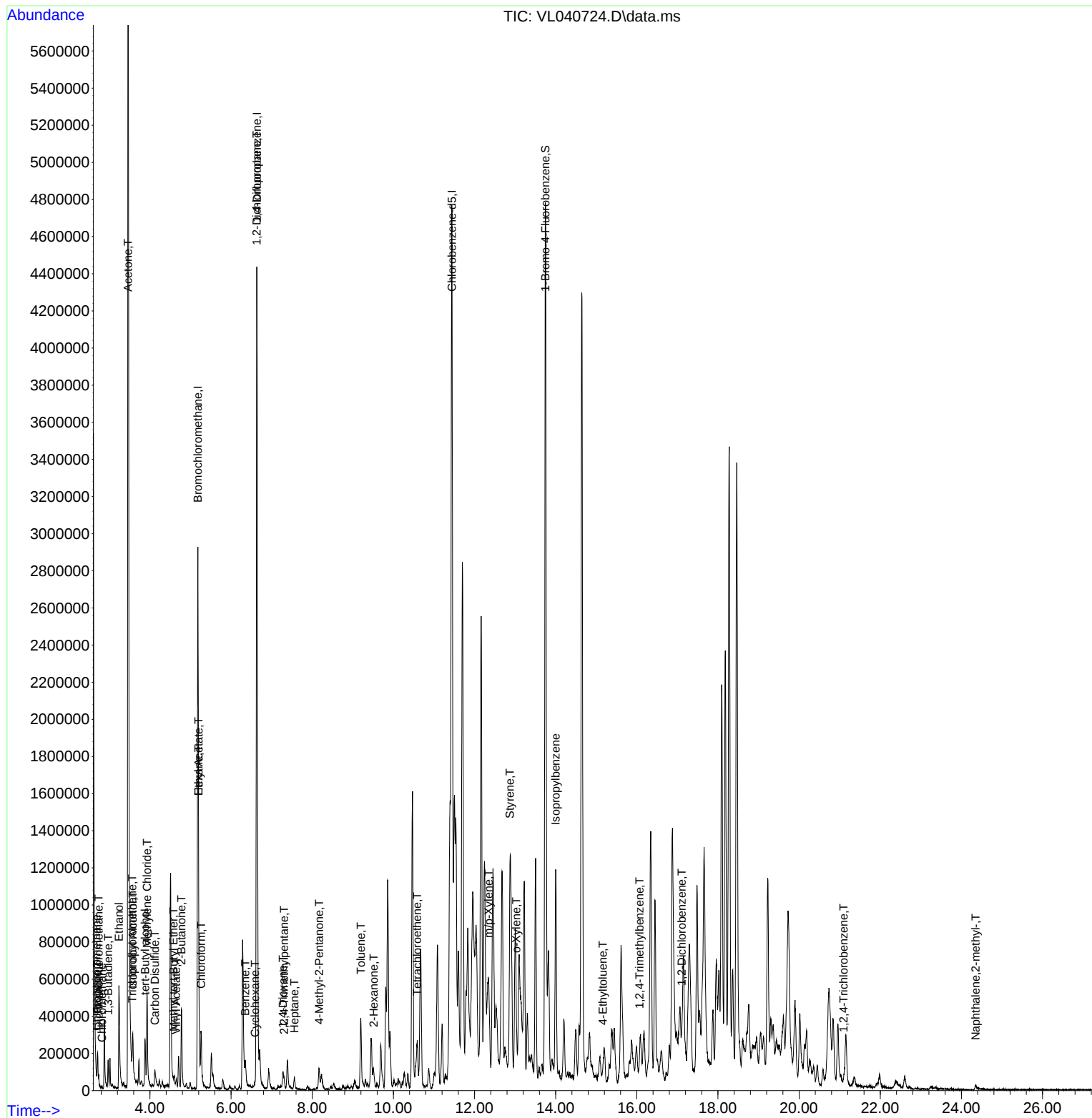
Internal Standards						
1) Bromochloromethane	5.182	49	1275562	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	3524731	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	3077452	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2336199	9.826	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.738	85	32749	0.117	ppbv	95
3) Chlorodifluoromethane	2.684	51	31087	0.150	ppbv #	77
4) Chloromethane	2.819	50	6012	0.076	ppbv	98
9) Propene	2.703	41	54948	0.918	ppbv	88
10) Heptane	7.561	43	17929	0.133	ppbv #	56
11) Trichlorofluoromethane	3.565	101	17677	0.072	ppbv	91
13) Ethanol	3.237	45	597854	33.741	ppbv	94
15) Acetone	3.462	43	8256409	49.072	ppbv	91
16) 1,3-Butadiene	2.970	39	36382	0.496	ppbv #	27
17) tert-Butyl alcohol	3.880	59	208423	1.209	ppbv	96
19) Isopropyl Alcohol	3.578	45	219030	2.161	ppbv #	93
20) Methylene Chloride	3.931	84	170959	1.888	ppbv	93
23) Vinyl Acetate	4.648	43	5998	0.034	ppbv #	22
25) Ethyl Acetate	5.198	43	105141	0.387	ppbv #	85
26) Hexane	5.198	57	141864	1.106	ppbv #	42
27) Carbon Disulfide	4.121	76	97979	0.548	ppbv #	84
28) Methyl tert-Butyl Ether	4.581	73	8022	0.073	ppbv #	52
29) Chloroform	5.262	83	180258	0.814	ppbv	95
30) Cyclohexane	6.594	84	3067	0.032	ppbv #	1
34) 2-Butanone	4.777	43	486043	2.742	ppbv	99
36) Benzene	6.349	78	89760	0.344	ppbv #	84
39) 1,2-Dichloropropane	6.632	63	814647	8.109	ppbv #	21
40) 1,4-Dioxane	7.275	88	56854	1.497	ppbv #	61
44) 2,2,4-Trimethylpentane	7.307	57	16493	0.040	ppbv #	1
50) 4-Methyl-2-Pentanone	8.169	43	90238	0.377	ppbv	96
51) 2-Hexanone	9.516	43	33645	0.204	ppbv #	93
52) Tetrachloroethene	10.587	164	8826	0.104	ppbv #	65
53) Toluene	9.198	91	297938	1.081	ppbv	100
59) m/p-Xylene	12.349	91	47693	0.145	ppbv #	32
60) o-Xylene	13.027	91	41403	0.132	ppbv #	31
61) Styrene	12.873	104	312499	2.373	ppbv	98
62) Isopropylbenzene	14.002	105	1058975	2.232	ppbv	99
72) 4-Ethyltoluene	15.159	105	17552	0.050	ppbv #	35
74) 1,2,4-Trimethylbenzene	16.066	105	22147	0.057	ppbv #	59
77) 1,2-Dichlorobenzene	17.108	146	8329	0.038	ppbv #	14
80) Naphthalene,2-methyl-	24.348	142	24155	0.410	ppbv #	72
81) 1,2,4-Trichlorobenzene	21.098	180	7020	0.045	ppbv #	11

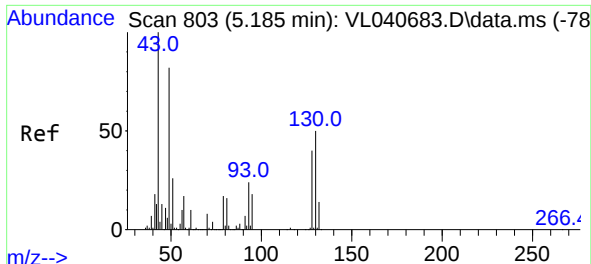
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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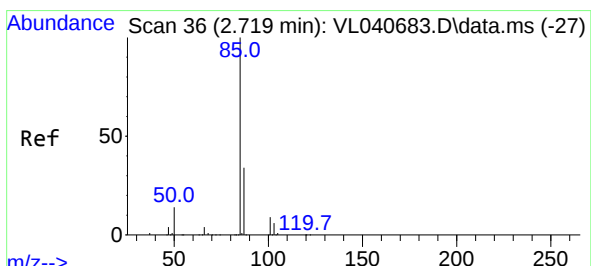
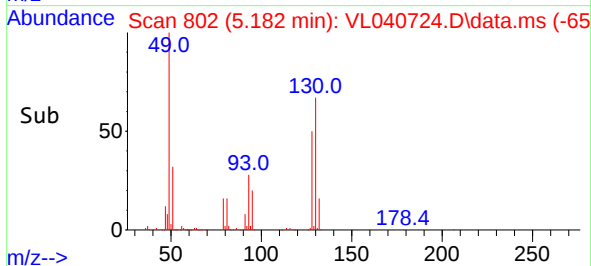
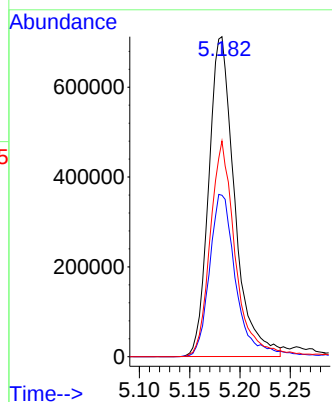
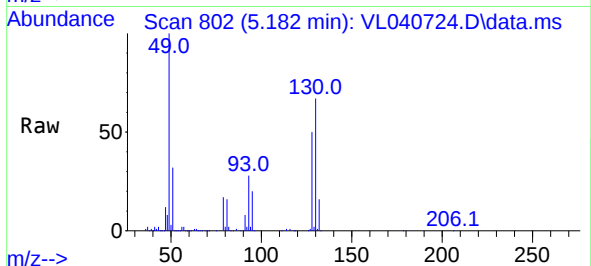


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
SSG2

Tgt Ion: 49 Resp: 1275562

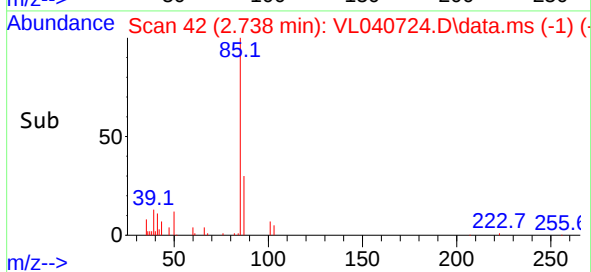
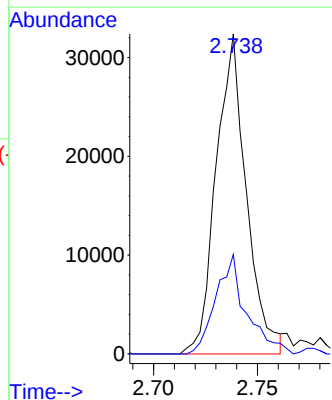
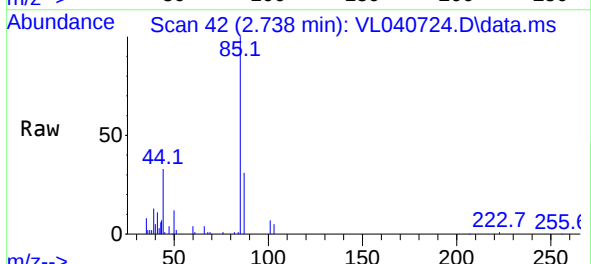
Ion	Ratio	Lower	Upper
49	100		
128	52.8	25.4	76.0
130	67.2	32.3	96.8

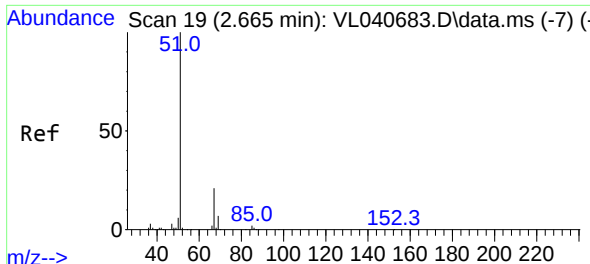


#2
Dichlorodifluoromethane
Concen: 0.117 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.006 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 85 Resp: 32749

Ion	Ratio	Lower	Upper
85	100		
87	31.1	27.2	40.8

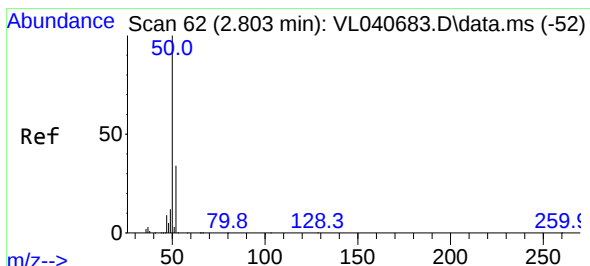
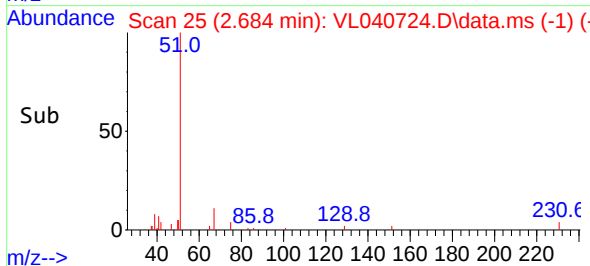
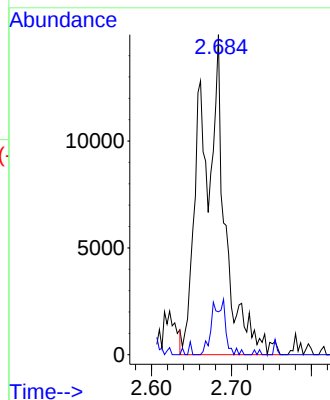
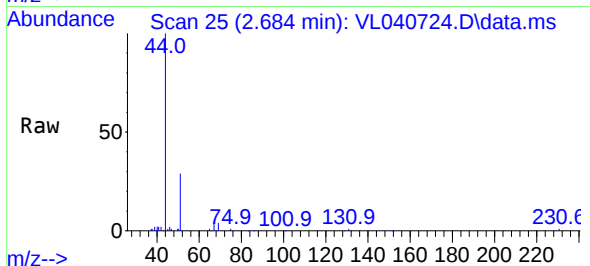




#3
Chlorodifluoromethane
Concen: 0.150 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

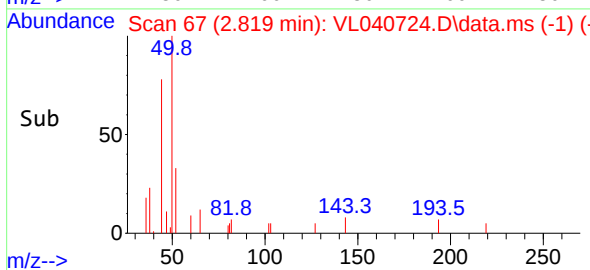
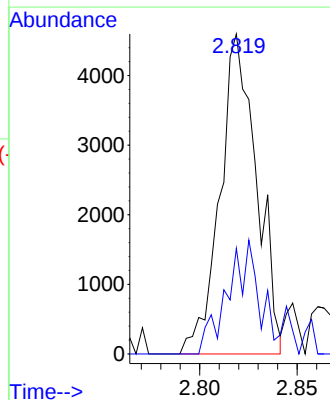
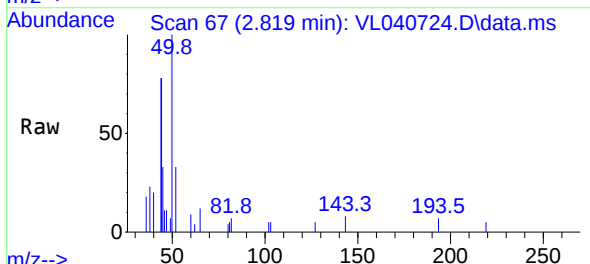
Instrument :
MSVOA_L
ClientSampleId :
SSG2

Tgt Ion: 51 Resp: 31087
Ion Ratio Lower Upper
51 100
67 10.2 16.7 25.1#

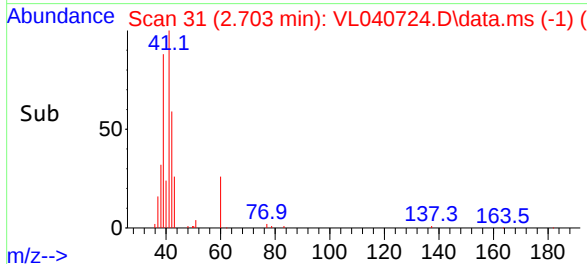
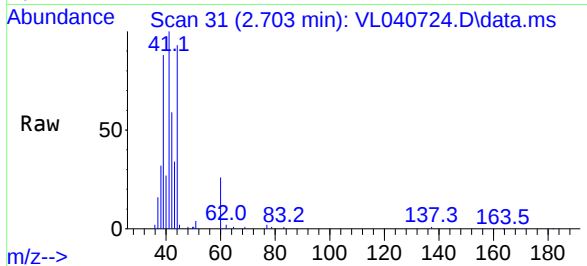
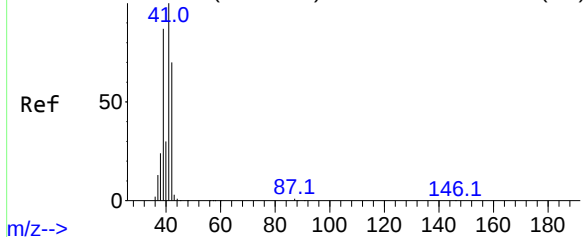


#4
Chloromethane
Concen: 0.076 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 50 Resp: 6012
Ion Ratio Lower Upper
50 100
52 33.0 27.1 40.7



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



#9

Propene

Concen: 0.918 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

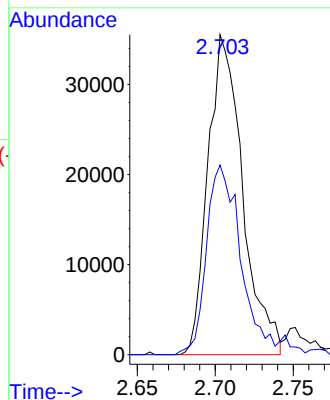
SSG2

Tgt Ion: 41 Resp: 54948

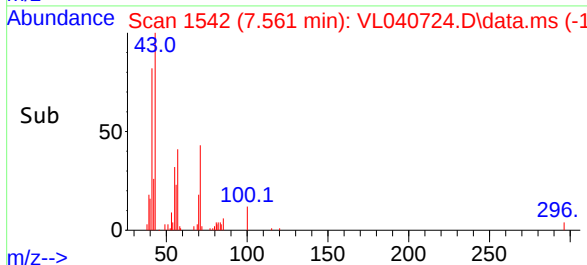
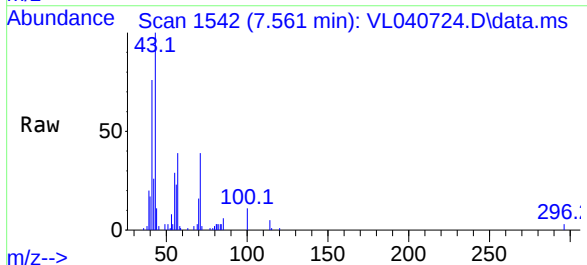
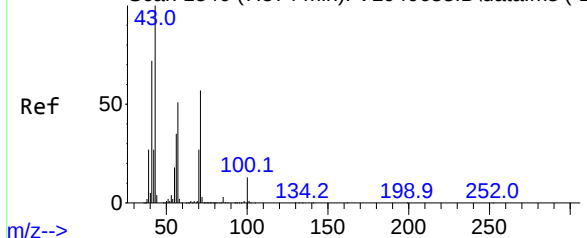
Ion Ratio Lower Upper

41 100

42 61.1 56.7 85.1



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



#10

Heptane

Concen: 0.133 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.026 min

Lab File: VL040724.D

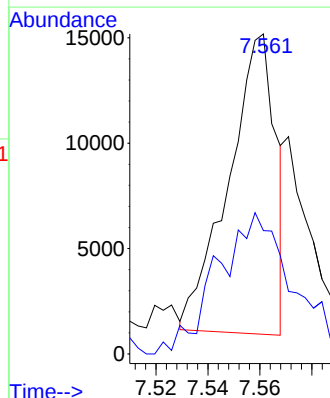
Acq: 27 Sep 2023 12:50

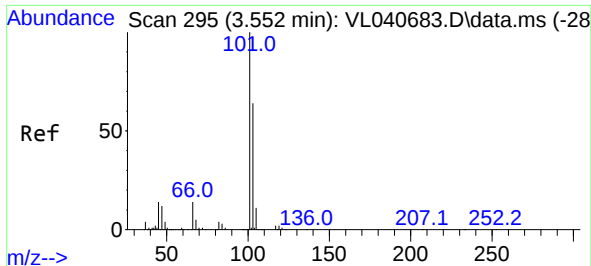
Tgt Ion: 43 Resp: 17929

Ion Ratio Lower Upper

43 100

57 83.1 41.8 62.6#

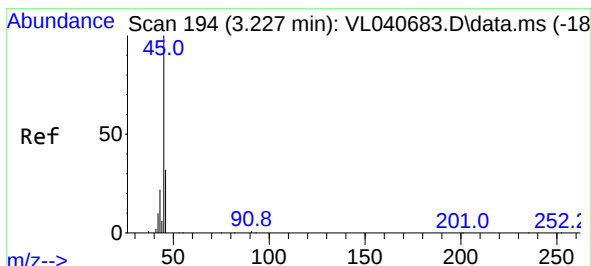
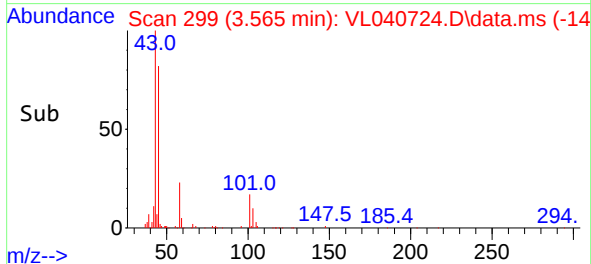
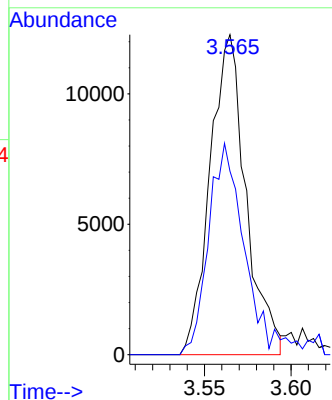
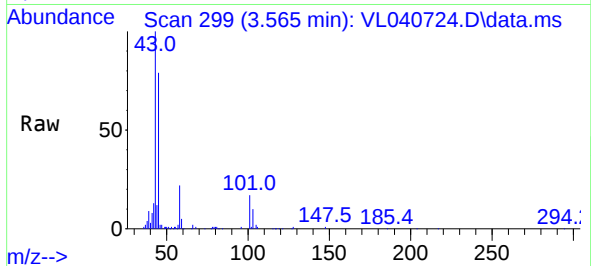




#11
Trichlorofluoromethane
Concen: 0.072 ppbv
RT: 3.565 min Scan# 295
Delta R.T. -0.003 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

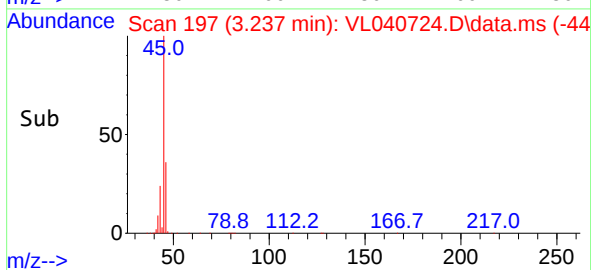
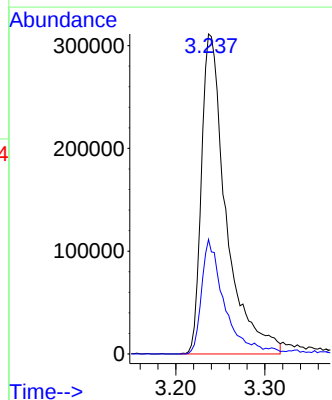
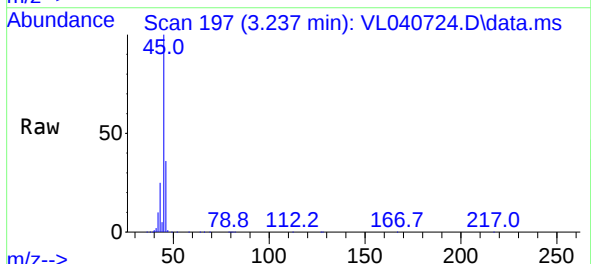
Instrument :
MSVOA_L
ClientSampleId :
SSG2

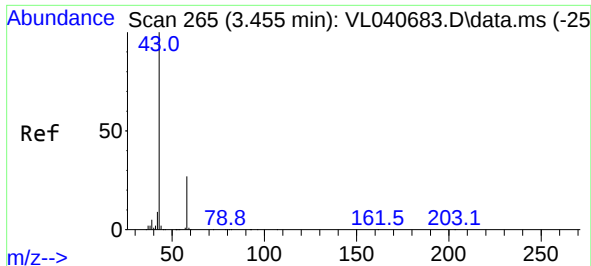
Tgt Ion:101 Resp: 17677
Ion Ratio Lower Upper
101 100
103 57.3 51.3 76.9



#13
Ethanol
Concen: 33.741 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.006 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 45 Resp: 597854
Ion Ratio Lower Upper
45 100
46 34.8 15.2 61.0

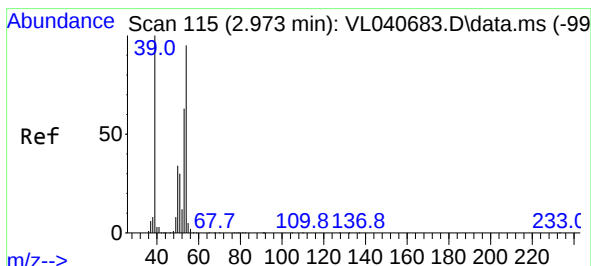
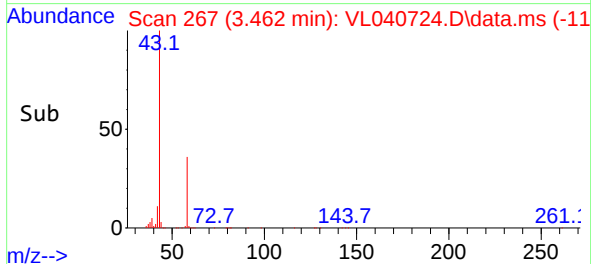
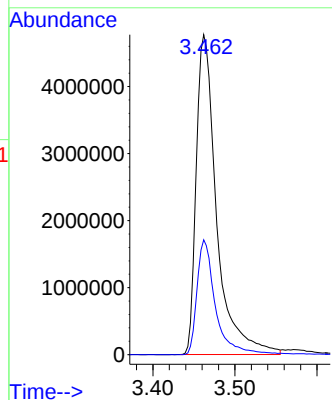
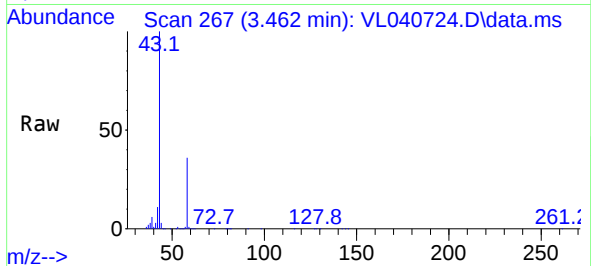




#15
Acetone
Concen: 49.072 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

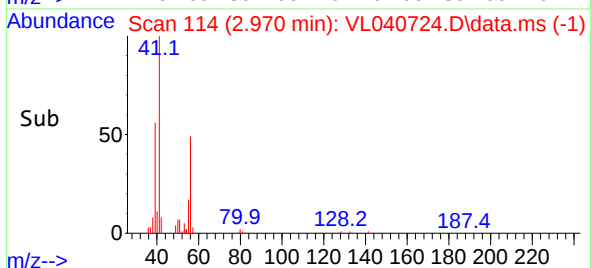
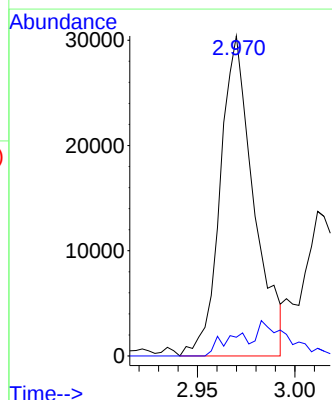
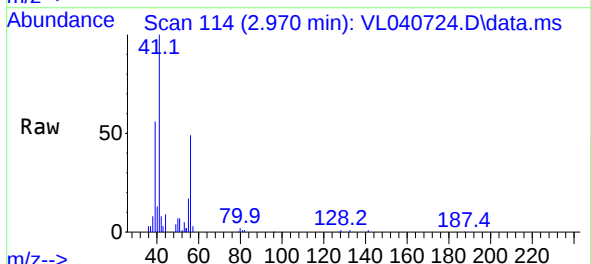
Instrument :
MSVOA_L
ClientSampleId :
SSG2

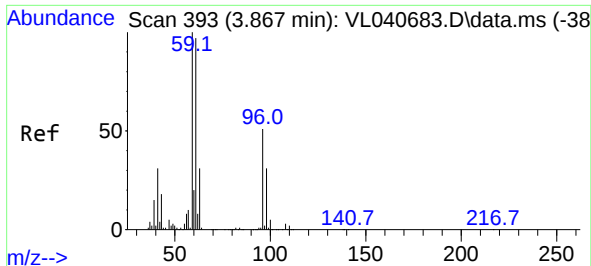
Tgt Ion: 43 Resp: 8256409
Ion Ratio Lower Upper
43 100
58 33.1 22.6 34.0



#16
1,3-Butadiene
Concen: 0.496 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 39 Resp: 36382
Ion Ratio Lower Upper
39 100
54 16.2 64.8 97.2#

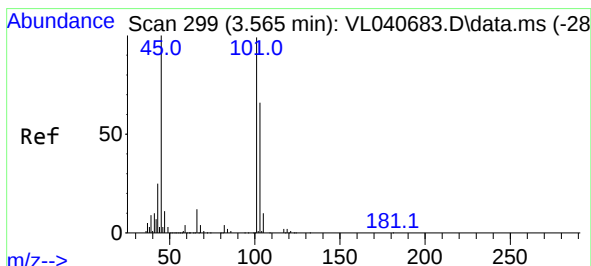
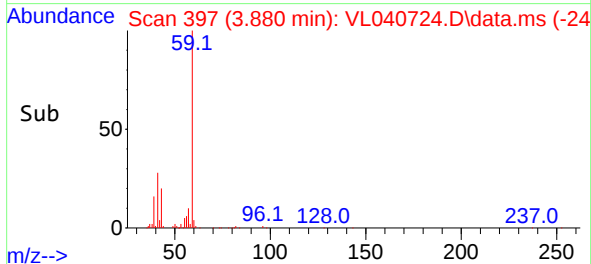
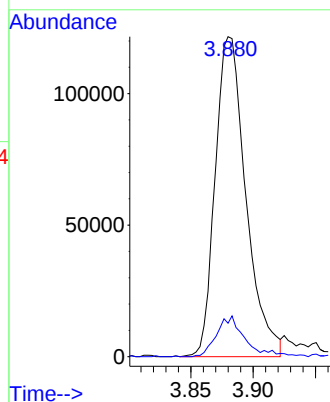
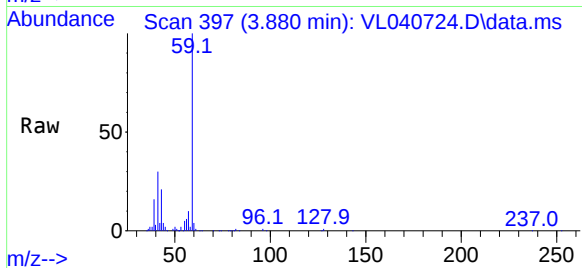




#17
tert-Butyl alcohol
Concen: 1.209 ppbv
RT: 3.880 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

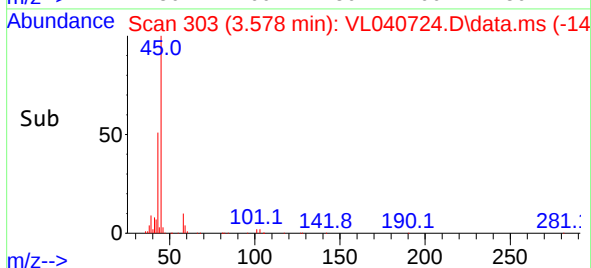
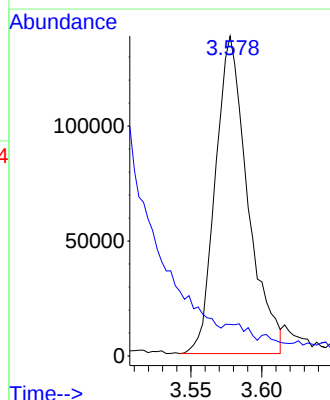
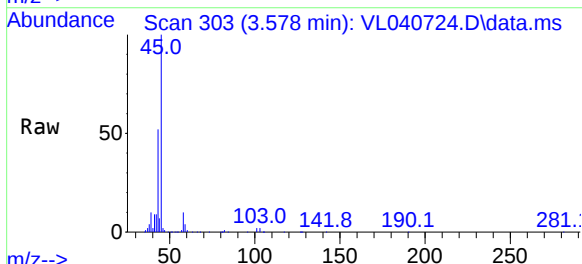
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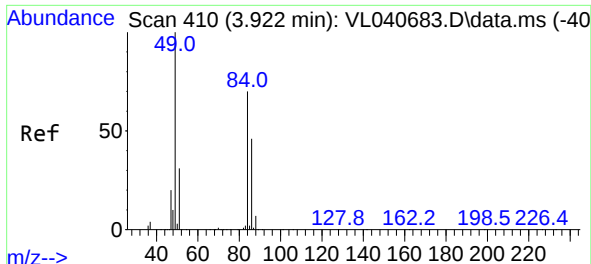
Tgt Ion: 59 Resp: 208423
Ion Ratio Lower Upper
59 100
57 12.4 8.7 13.1



#19
Isopropyl Alcohol
Concen: 2.161 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.000 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 45 Resp: 219030
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#



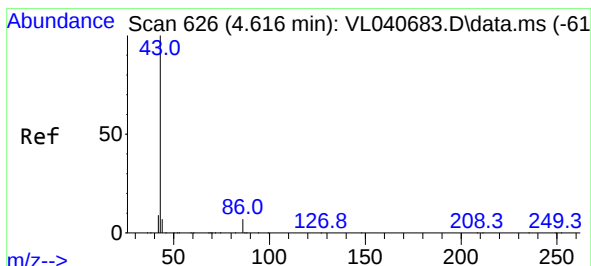
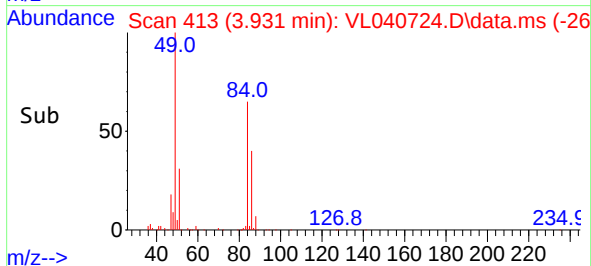
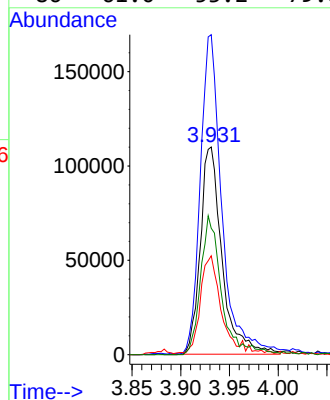
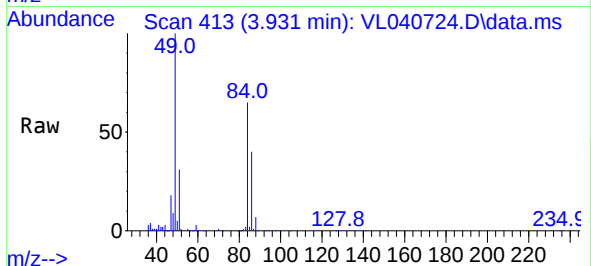


#20
Methylene Chloride
Concen: 1.888 ppbv
RT: 3.931 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Instrument :
MSVOA_L
ClientSampleId :
SSG2

Tgt Ion: 84 Resp: 170959

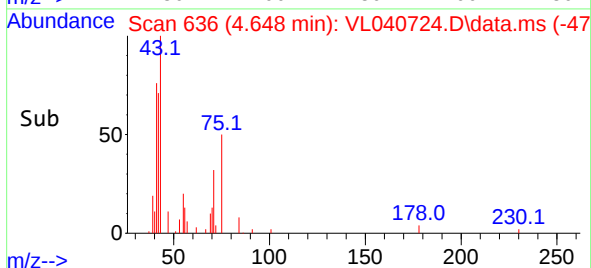
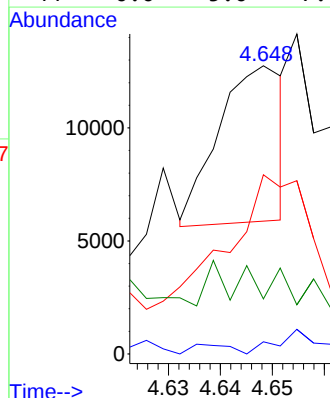
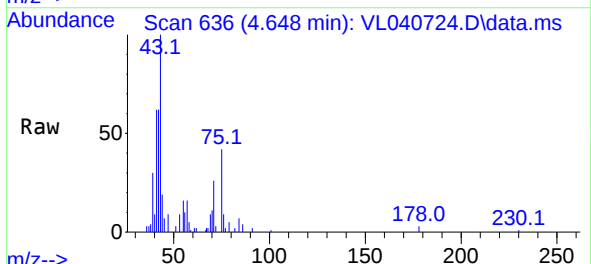
Ion	Ratio	Lower	Upper
84	100		
49	154.1	114.4	171.6
51	46.2	35.5	53.3
86	61.0	53.2	79.8

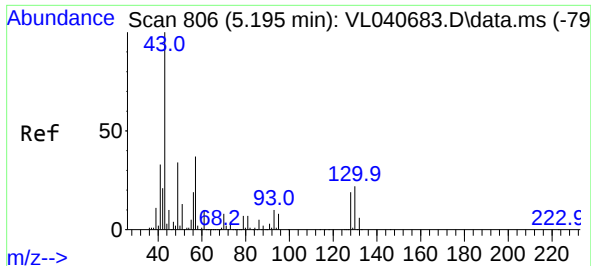


#23
Vinyl Acetate
Concen: 0.034 ppbv
RT: 4.648 min Scan# 636
Delta R.T. 0.016 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 43 Resp: 5998

Ion	Ratio	Lower	Upper
43	100		
86	7.9	5.6	8.4
42	72.8	7.6	11.4#
44	0.0	5.0	7.4#





#25

Ethyl Acetate

Concen: 0.387 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.013 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

SSG2

Tgt Ion: 43 Resp: 105141

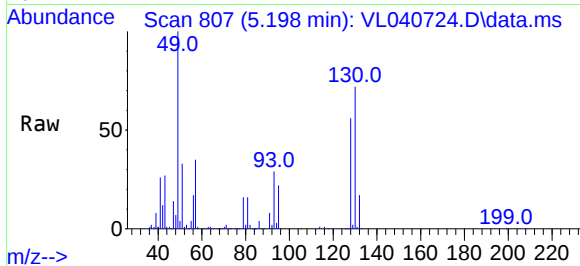
Ion Ratio Lower Upper

43 100

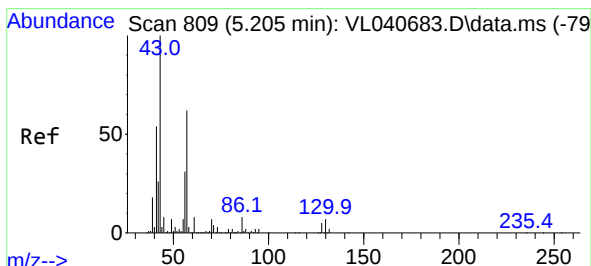
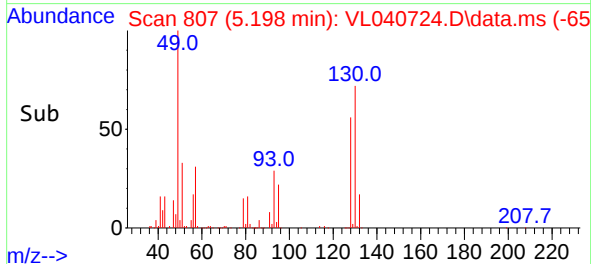
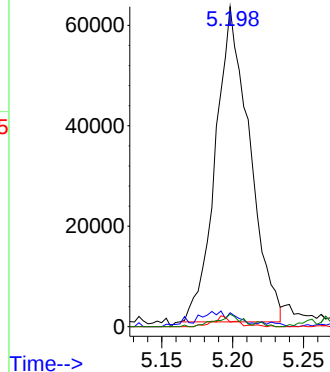
45 6.6 8.2 12.4#

61 2.2 8.2 12.4#

70 3.2 5.9 8.9#



Abundance



#26

Hexane

Concen: 1.106 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.023 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

Tgt Ion: 57 Resp: 141864

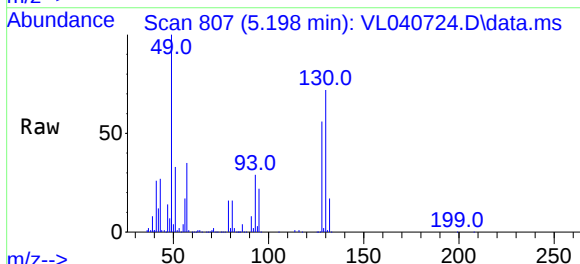
Ion Ratio Lower Upper

57 100

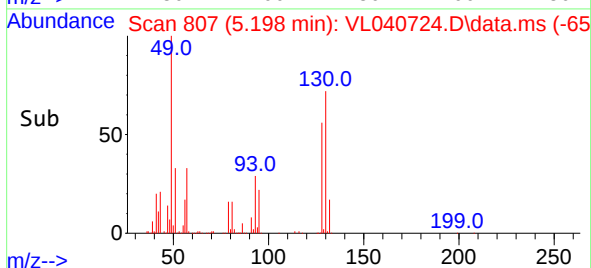
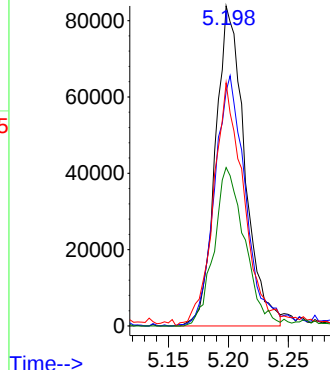
41 86.9 75.2 112.8

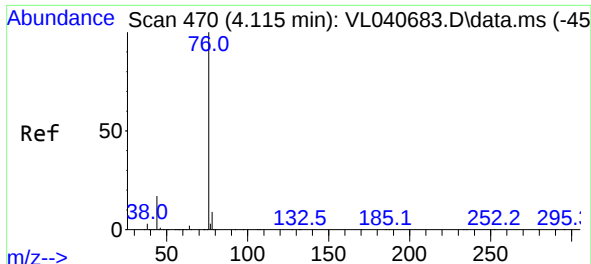
43 78.9 185.6 278.4#

56 53.6 43.8 65.8



Abundance

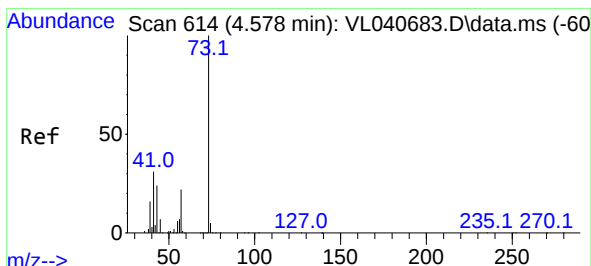
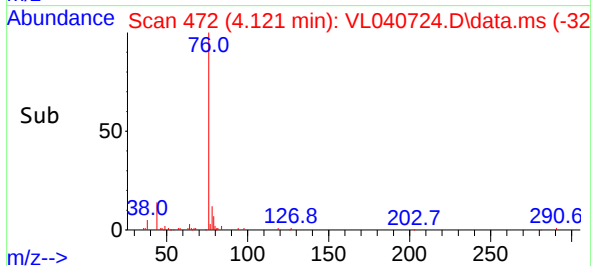
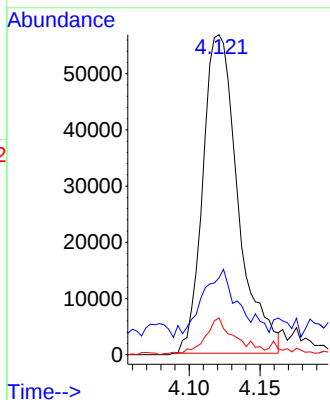
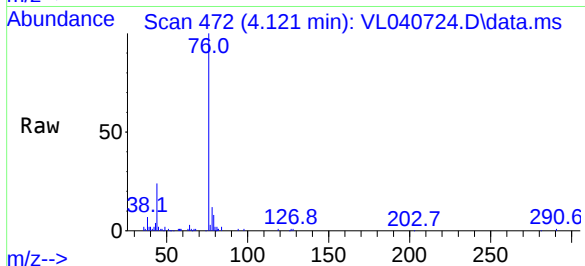




#27
Carbon Disulfide
Concen: 0.548 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

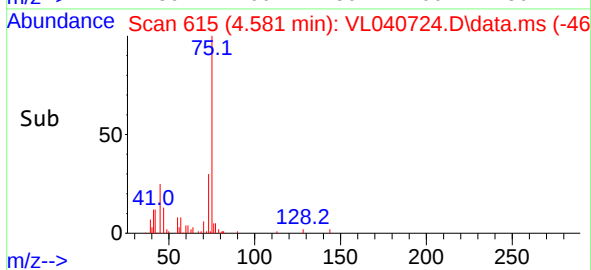
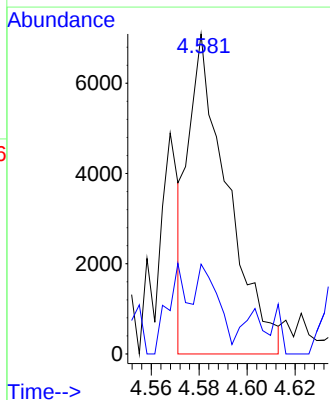
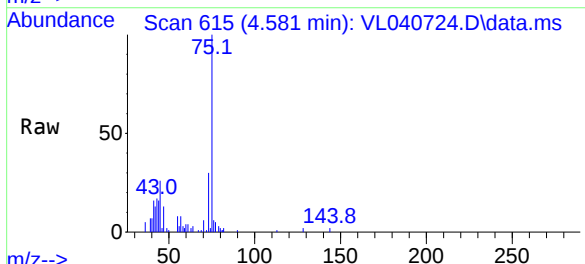
Instrument :
MSVOA_L
ClientSampleId :
SSG2

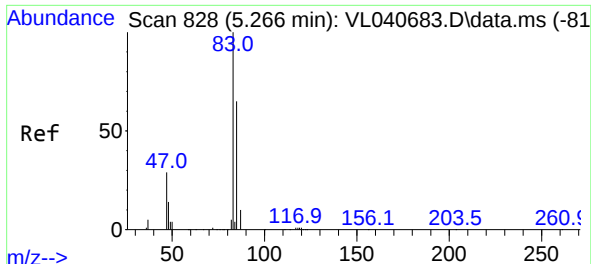
Tgt Ion: 76 Resp: 97979
Ion Ratio Lower Upper
76 100
44 28.2 14.5 21.7#
78 10.3 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 0.073 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.010 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 73 Resp: 8022
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#

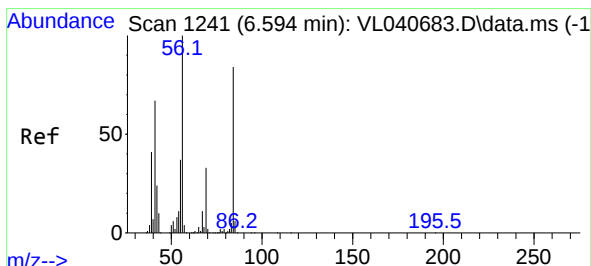
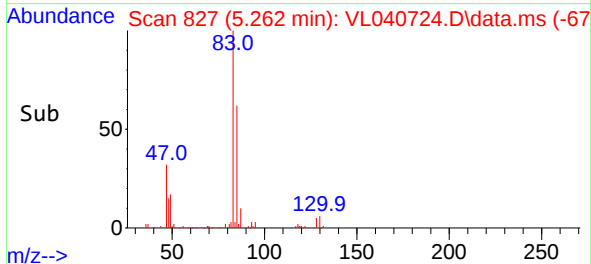
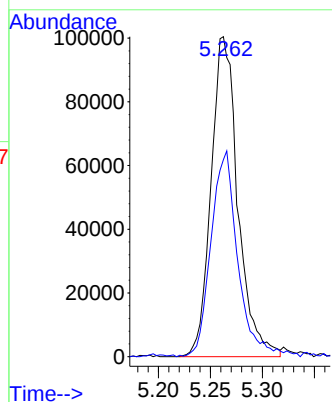
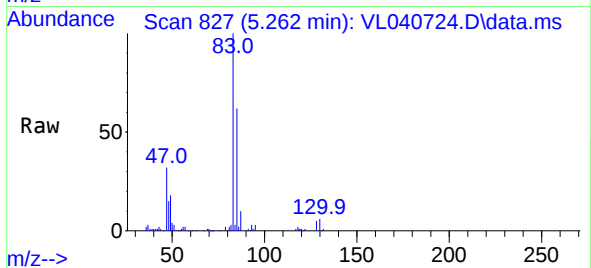




#29
Chloroform
Concen: 0.814 ppbv
RT: 5.262 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

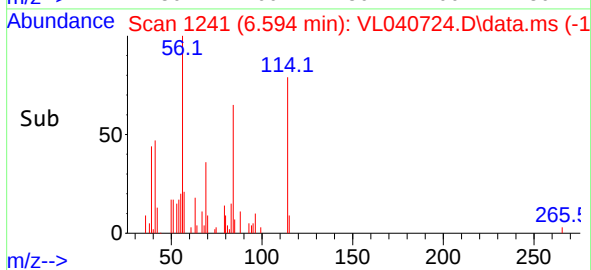
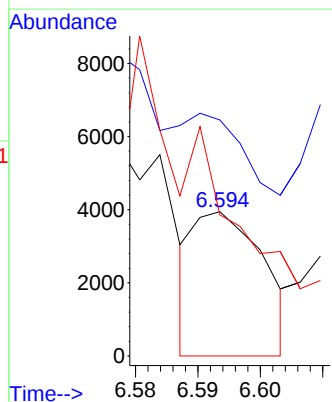
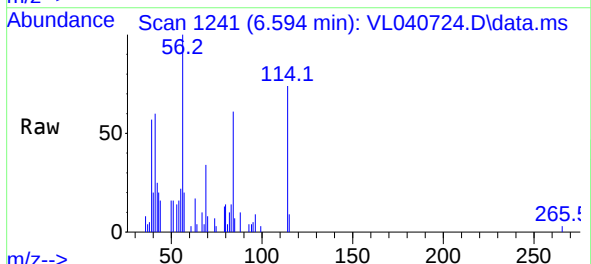
Instrument :
MSVOA_L
ClientSampleId :
SSG2

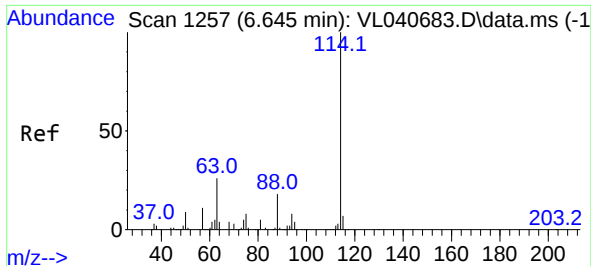
Tgt Ion: 83 Resp: 180258
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.8



#30
Cyclohexane
Concen: 0.032 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.016 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 84 Resp: 3067
Ion Ratio Lower Upper
84 100
56 0.0 103.2 154.8#
41 0.0 65.5 98.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

SSG2

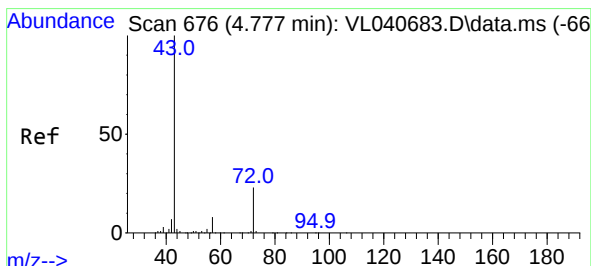
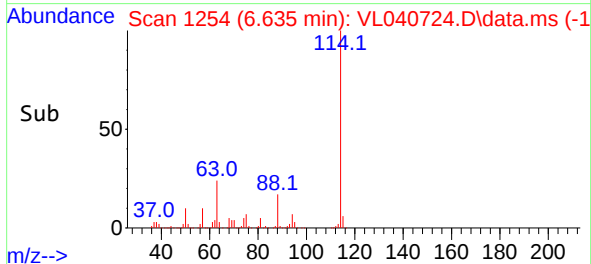
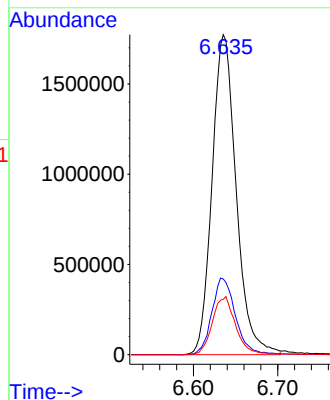
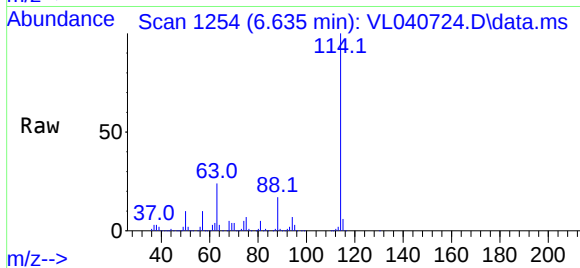
Tgt Ion:114 Resp: 3524731

Ion Ratio Lower Upper

114 100

63 23.6 21.1 31.7

88 17.6 14.5 21.7



#34

2-Butanone

Concen: 2.742 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.013 min

Lab File: VL040724.D

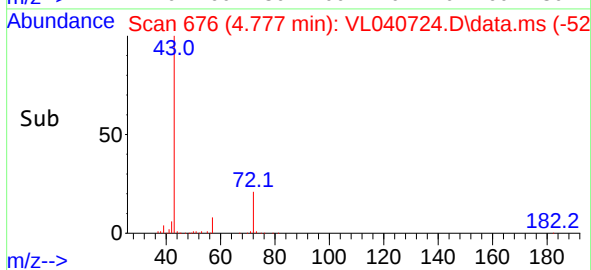
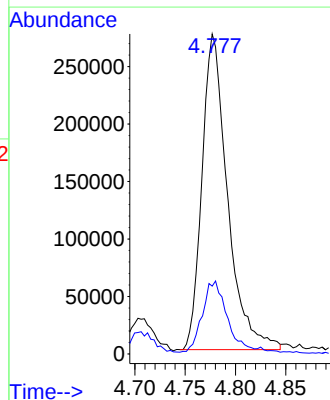
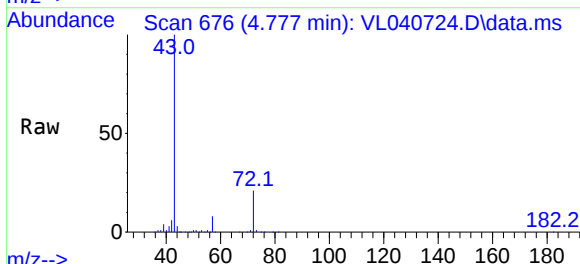
Acq: 27 Sep 2023 12:50

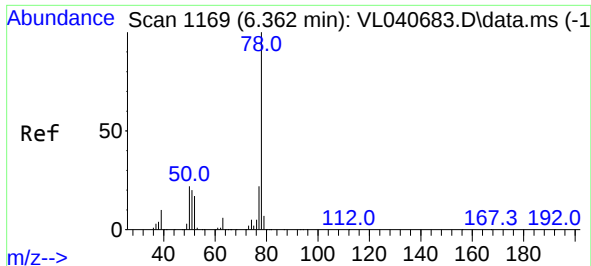
Tgt Ion: 43 Resp: 486043

Ion Ratio Lower Upper

43 100

72 23.7 18.6 27.8

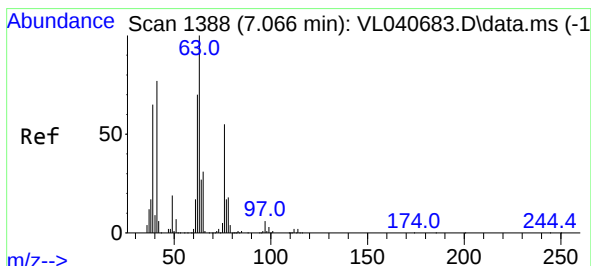
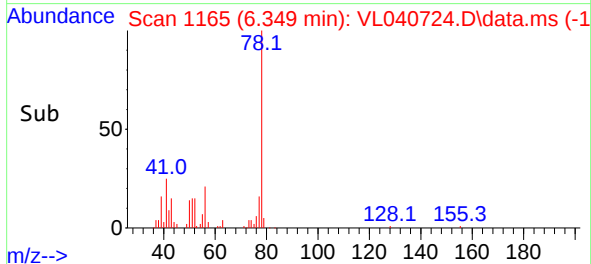
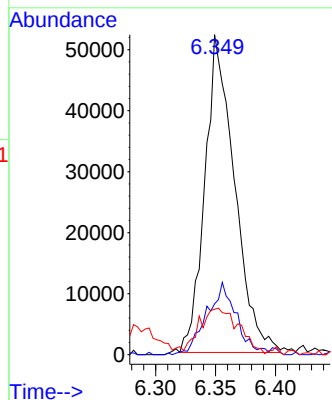
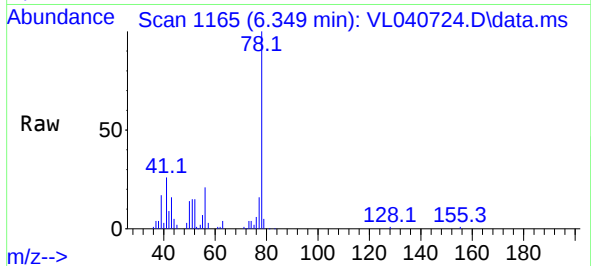




#36
Benzene
Concen: 0.344 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

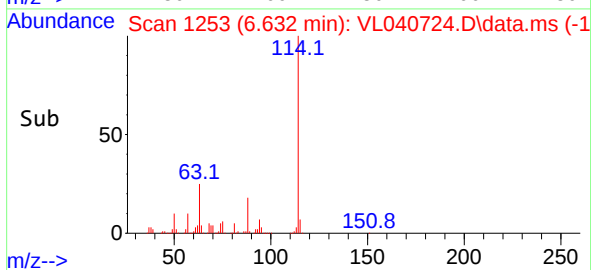
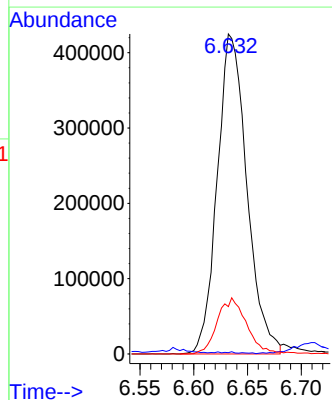
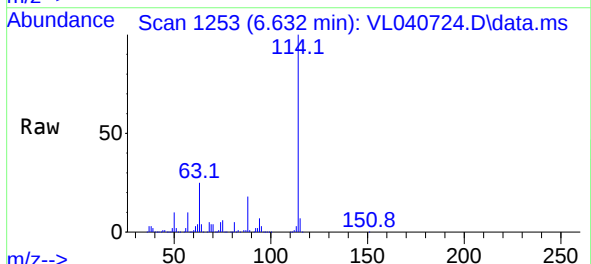
Instrument :
MSVOA_L
ClientSampleId :
SSG2

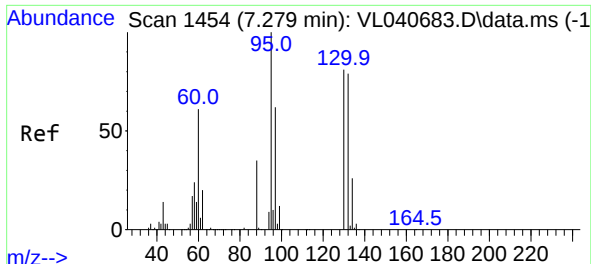
Tgt Ion: 78 Resp: 89760
Ion Ratio Lower Upper
78 100
77 15.3 17.9 26.9#
50 13.6 17.3 25.9#



#39
1,2-Dichloropropane
Concen: 8.109 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.450 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 63 Resp: 814647
Ion Ratio Lower Upper
63 100
41 0.0 61.6 92.4#
62 14.8 55.8 83.8#

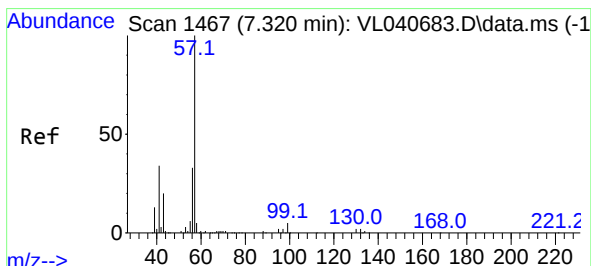
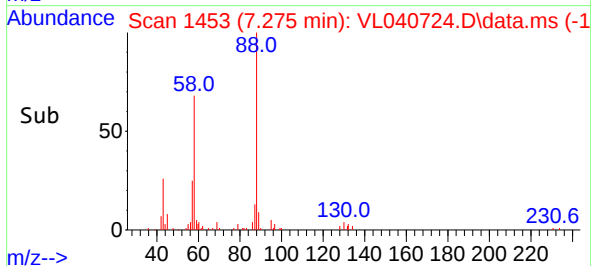
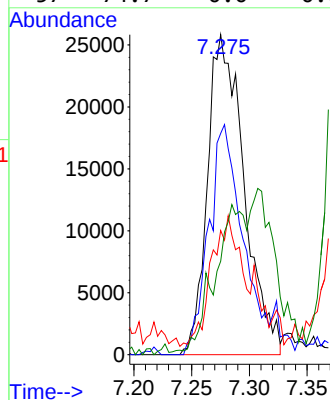
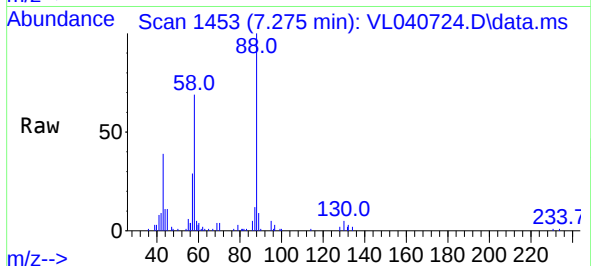




#40
1,4-Dioxane
Concen: 1.497 ppbv
RT: 7.275 min Scan# 1454
Delta R.T. -0.019 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

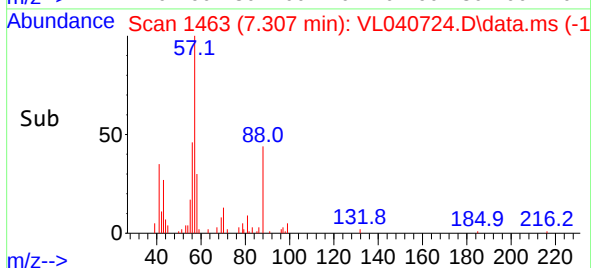
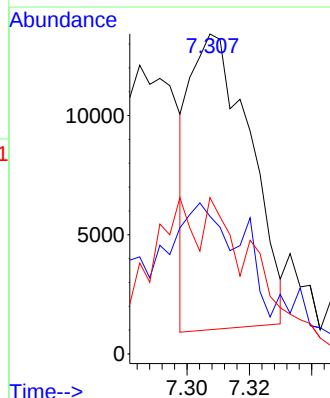
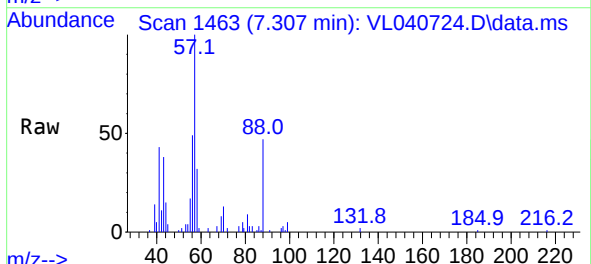
Instrument : MSVOA_L
ClientSampleId : SSG2

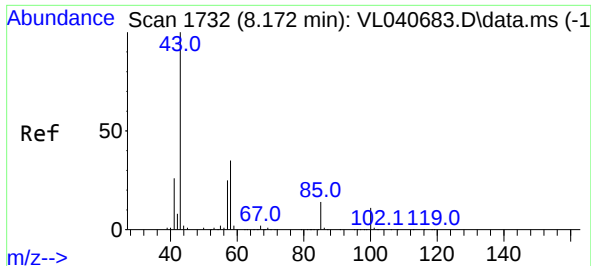
Tgt Ion:	88	Resp:	56854
Ion	Ratio	Lower	Upper
88	100		
58	72.9	92.7	139.1#
43	47.8	0.0	0.0#
57	74.7	0.0	0.0#



#44
2,2,4-Trimethylpentane
Concen: 0.040 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.029 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion:	57	Resp:	16493
Ion	Ratio	Lower	Upper
57	100		
41	130.3	28.5	42.7#
56	129.9	25.4	38.2#





#50

4-Methyl-2-Pentanone

Concen: 0.377 ppbv

RT: 8.169 min Scan# 1

Delta R.T. -0.023 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

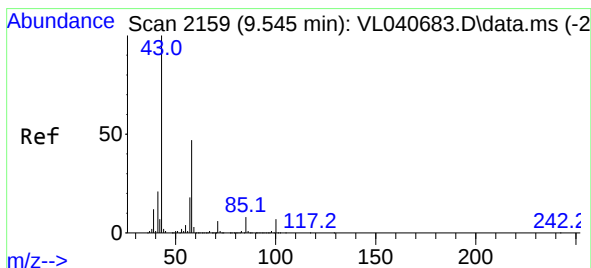
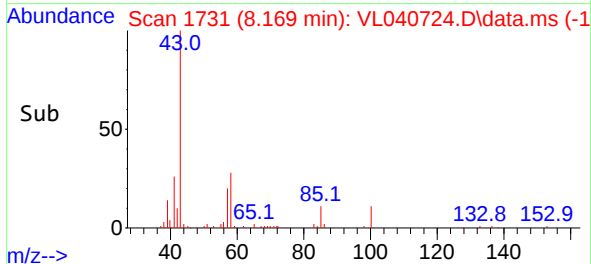
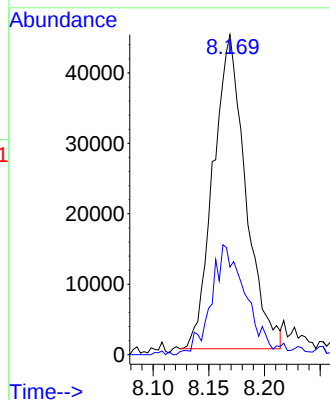
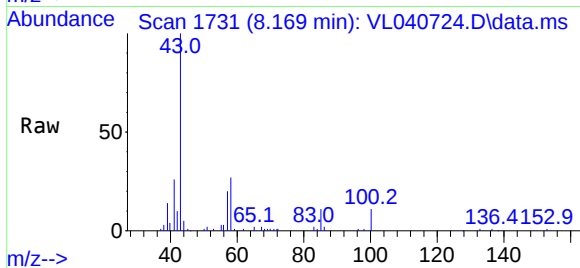
SSG2

Tgt Ion: 43 Resp: 90238

Ion Ratio Lower Upper

43 100

58 37.9 28.2 42.4



#51

2-Hexanone

Concen: 0.204 ppbv

RT: 9.516 min Scan# 2150

Delta R.T. -0.039 min

Lab File: VL040724.D

Acq: 27 Sep 2023 12:50

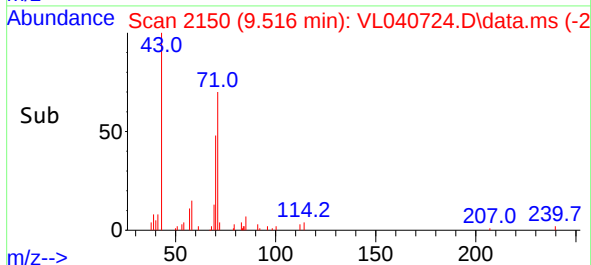
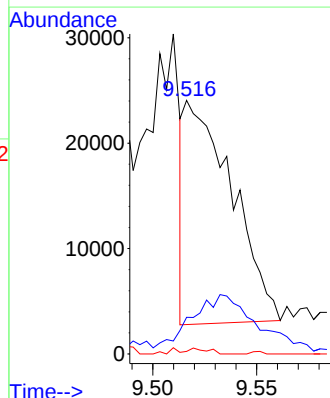
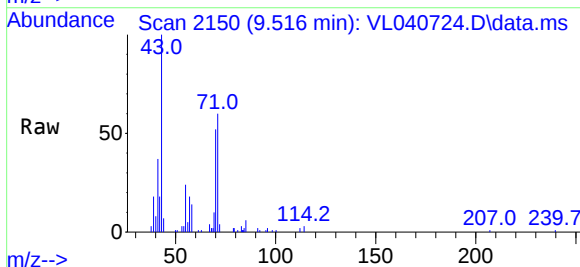
Tgt Ion: 43 Resp: 33645

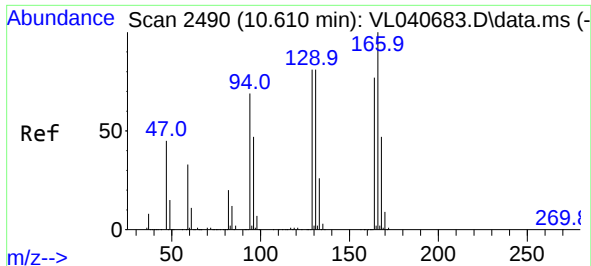
Ion Ratio Lower Upper

43 100

58 42.0 37.6 56.4

98 0.0 0.6 1.0#

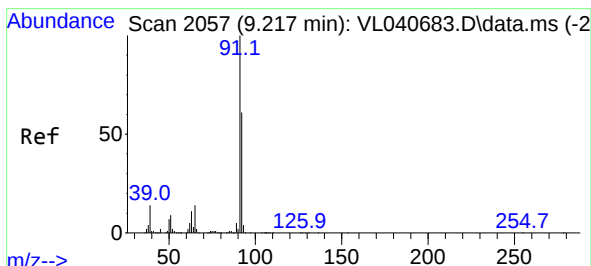
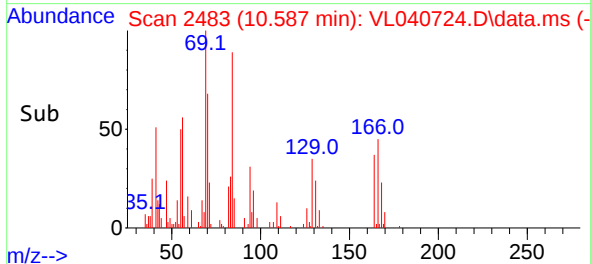
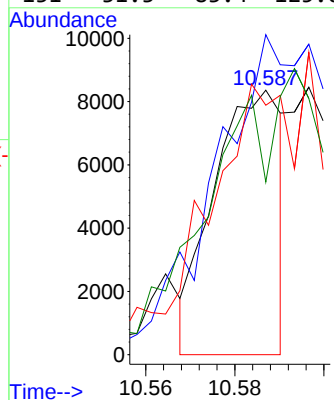
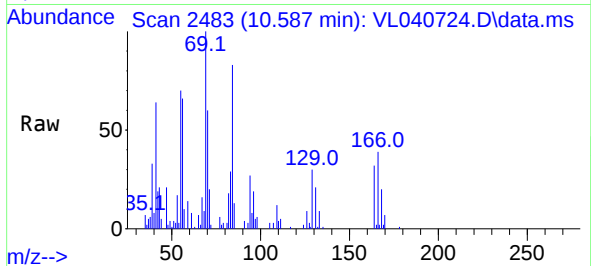




#52
Tetrachloroethene
Concen: 0.104 ppbv
RT: 10.587 min Scan# 2490
Delta R.T. -0.039 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

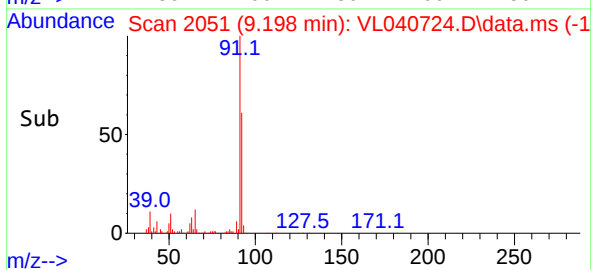
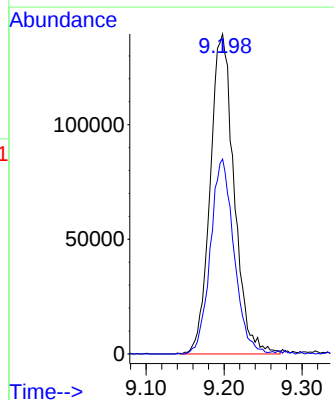
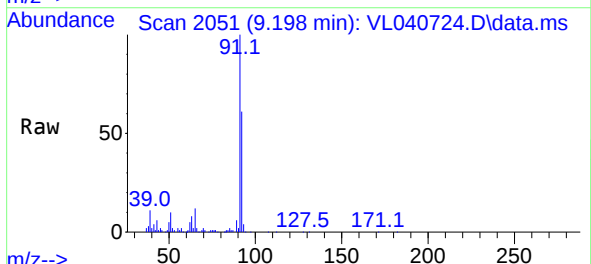
Instrument :
MSVOA_L
ClientSampleId :
SSG2

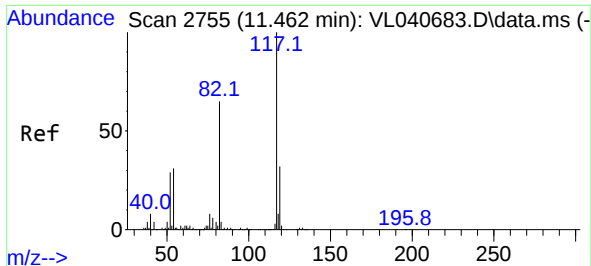
Tgt Ion:164 Resp: 8826
Ion Ratio Lower Upper
164 100
166 104.3 103.4 155.2
129 89.0 83.5 125.3
131 31.3 83.4 125.0#



#53
Toluene
Concen: 1.081 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.032 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 91 Resp: 297938
Ion Ratio Lower Upper
91 100
92 60.6 48.5 72.7

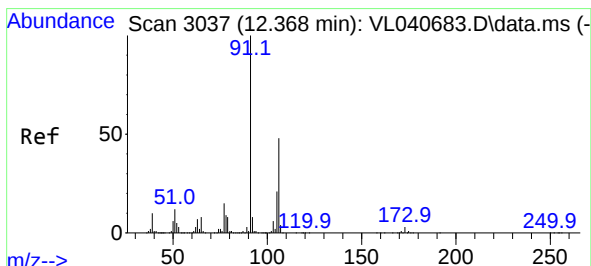
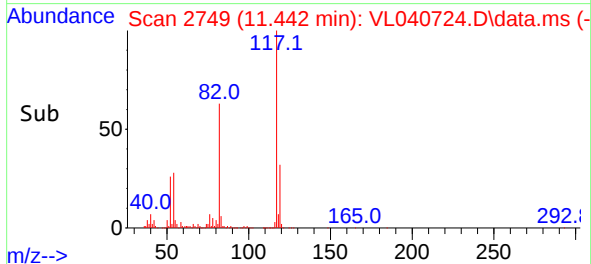
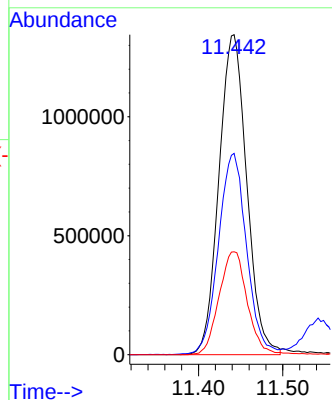
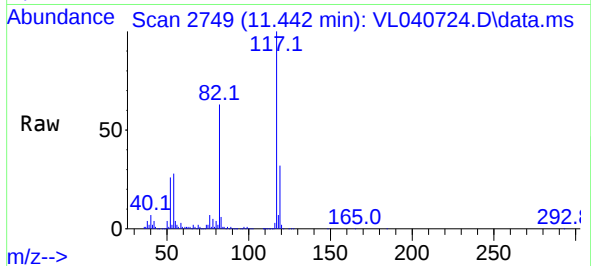




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

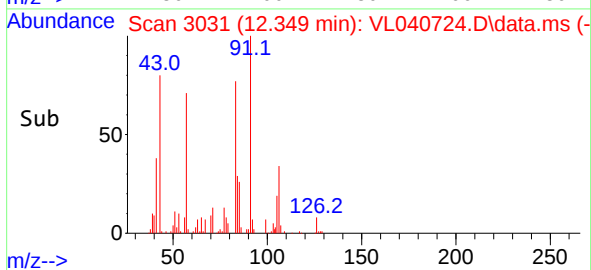
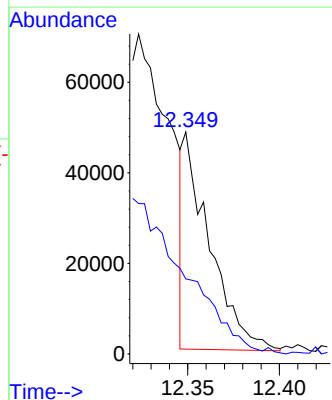
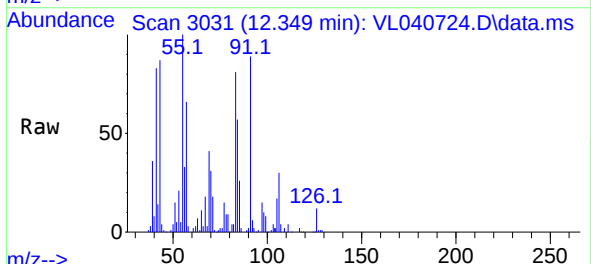
Instrument :
MSVOA_L
ClientSampleId :
SSG2

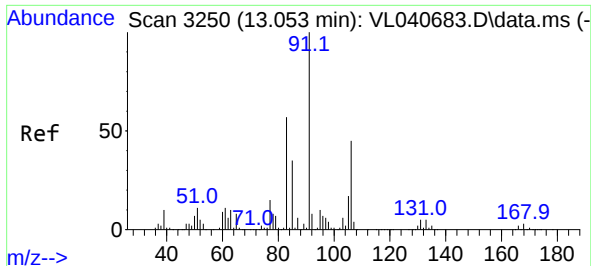
Tgt Ion:117 Resp: 3077452
Ion Ratio Lower Upper
117 100
82 63.8 51.4 77.0
119 33.0 24.7 37.1



#59
m/p-Xylene
Concen: 0.145 ppbv
RT: 12.349 min Scan# 3031
Delta R.T. -0.032 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 91 Resp: 47693
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2#

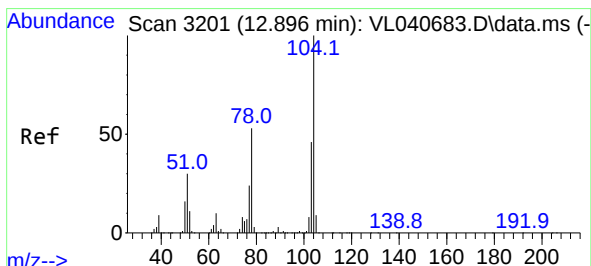
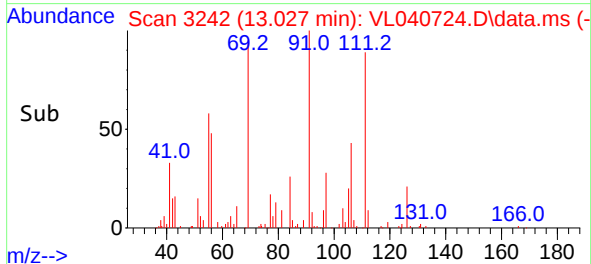
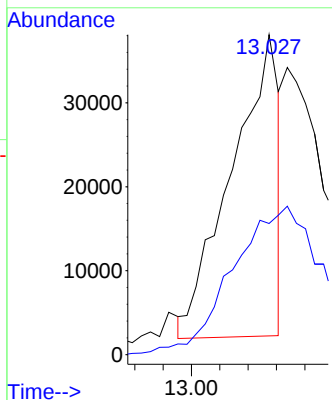
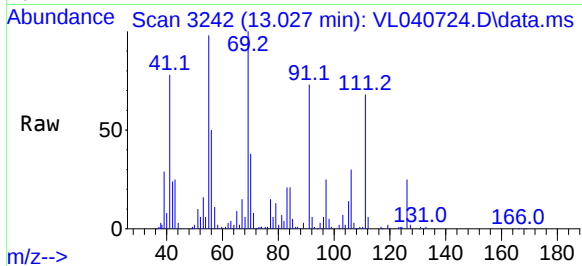




#60
o-Xylene
Concen: 0.132 ppbv
RT: 13.027 min Scan# 3194
Delta R.T. -0.042 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

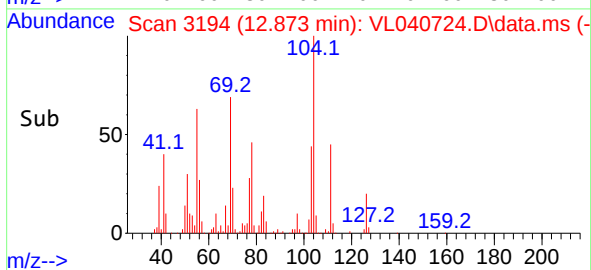
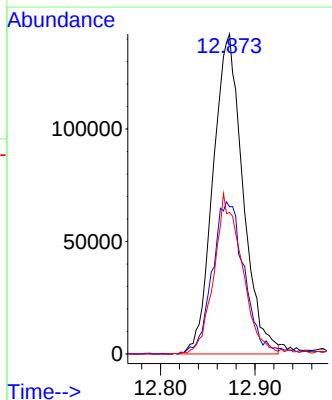
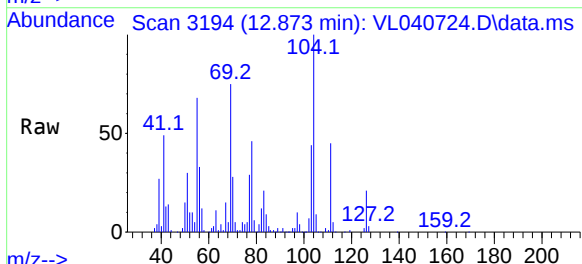
Instrument :
MSVOA_L
ClientSampleId :
SSG2

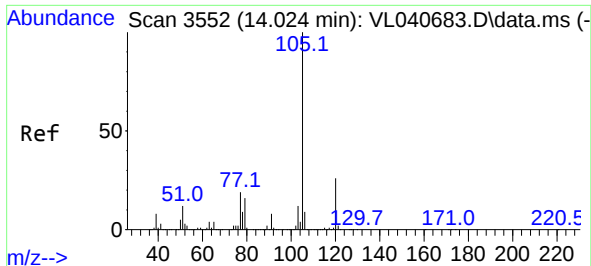
Tgt Ion: 91 Resp: 41403
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9#



#61
Styrene
Concen: 2.373 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion:104 Resp: 312499
Ion Ratio Lower Upper
104 100
78 51.9 43.4 65.0
103 47.5 37.2 55.8

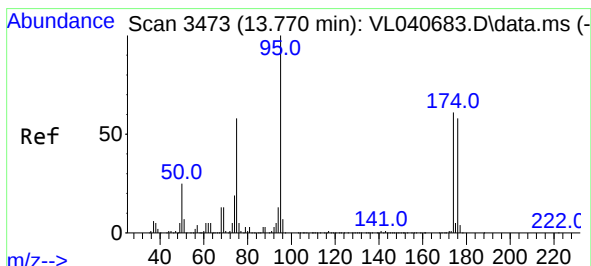
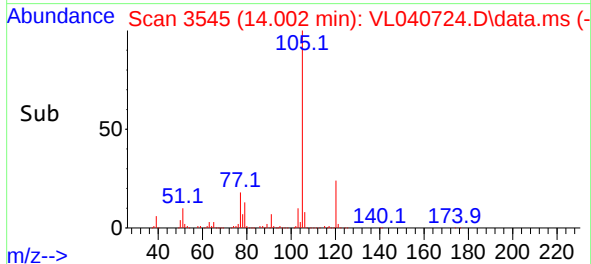
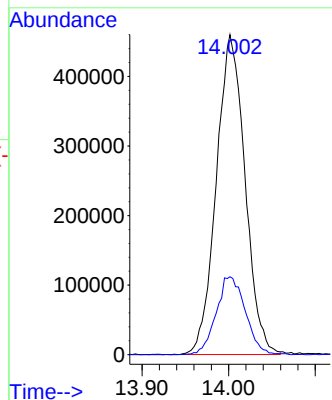
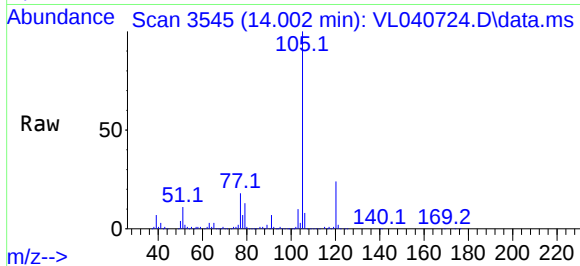




#62
Isopropylbenzene
Concen: 2.232 ppbv
RT: 14.002 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

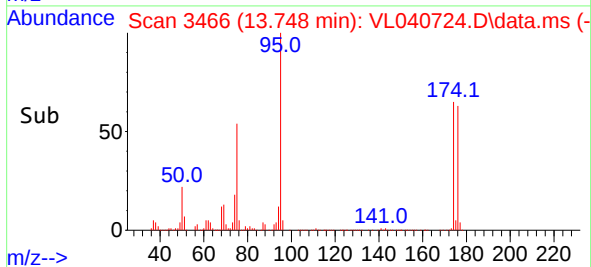
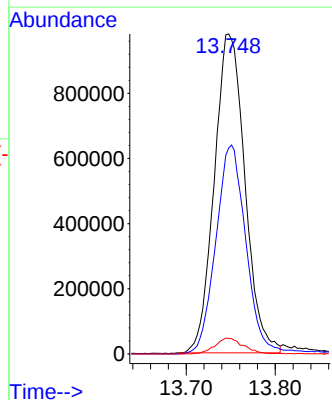
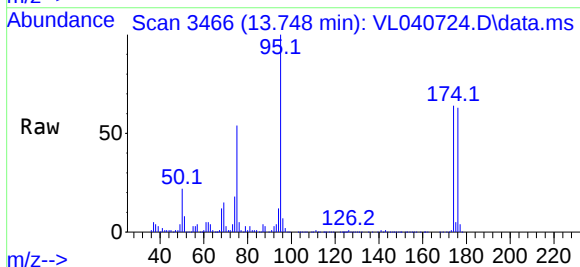
Instrument :
MSVOA_L
ClientSampleId :
SSG2

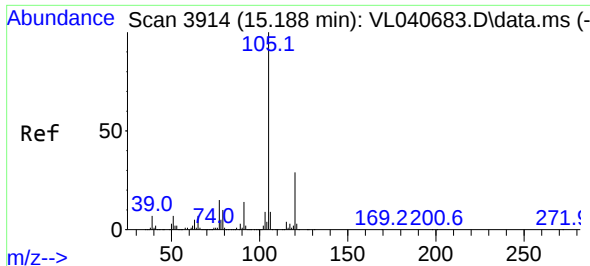
Tgt Ion:105 Resp: 1058975
Ion Ratio Lower Upper
105 100
120 24.8 20.2 30.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.826 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.039 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion: 95 Resp: 2336199
Ion Ratio Lower Upper
95 100
174 65.3 48.9 73.3
175 4.8 3.5 5.3

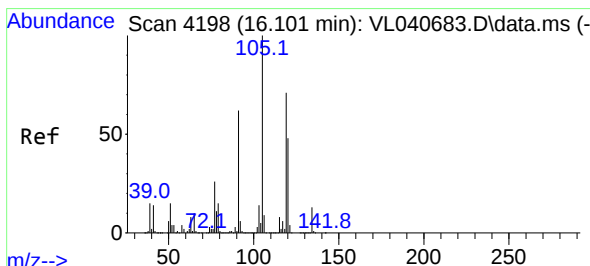
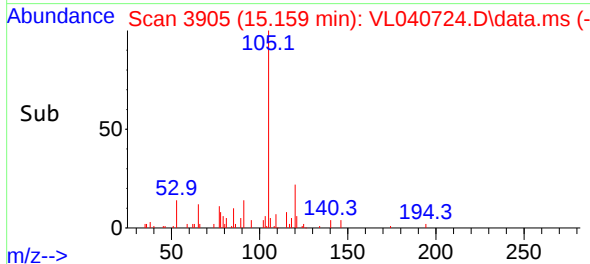
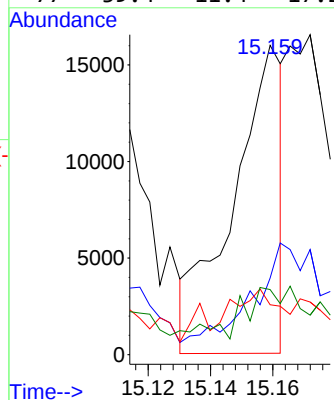
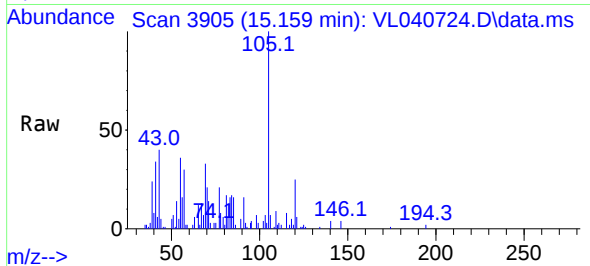




#72
4-Ethyltoluene
Concen: 0.050 ppbv
RT: 15.159 min Scan# 3914
Delta R.T. -0.042 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

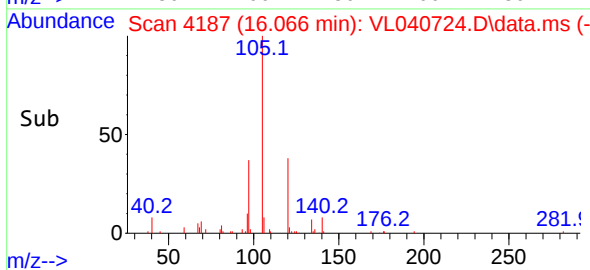
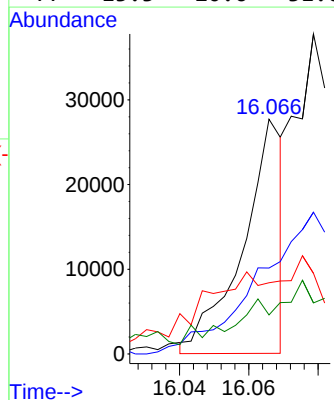
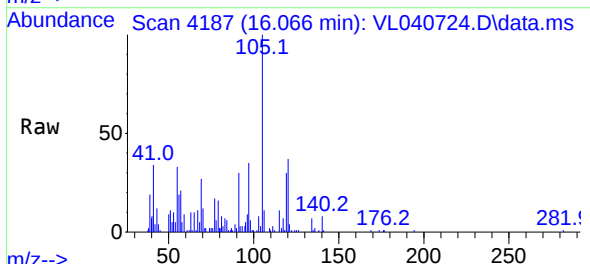
Instrument :
MSVOA_L
ClientSampleId :
SSG2

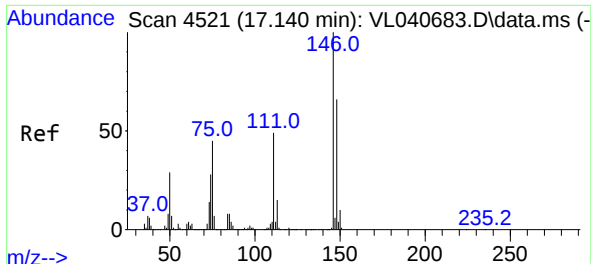
Tgt Ion:	105	Resp:	17552
Ion	Ratio	Lower	Upper
105	100		
120	62.3	23.9	35.9#
91	45.1	11.0	16.4#
77	39.4	11.4	17.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.057 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. -0.051 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion:	105	Resp:	22147
Ion	Ratio	Lower	Upper
105	100		
120	34.0	38.6	57.8#
91	13.8	50.0	75.0#
77	13.3	20.6	31.0#

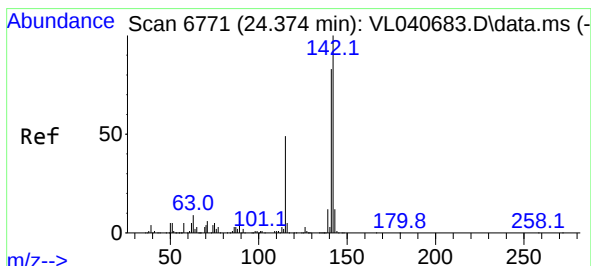
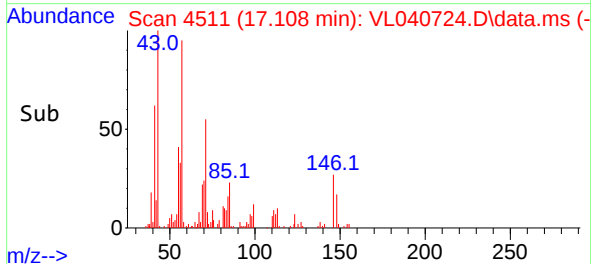
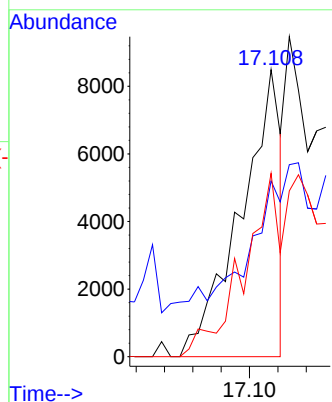
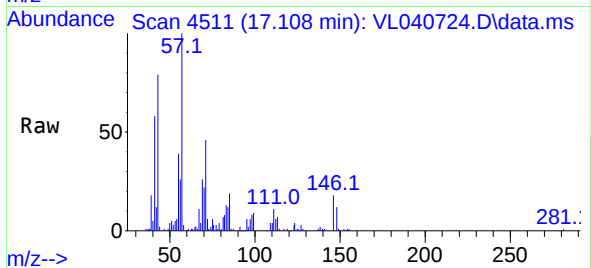




#77
1,2-Dichlorobenzene
Concen: 0.038 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.045 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

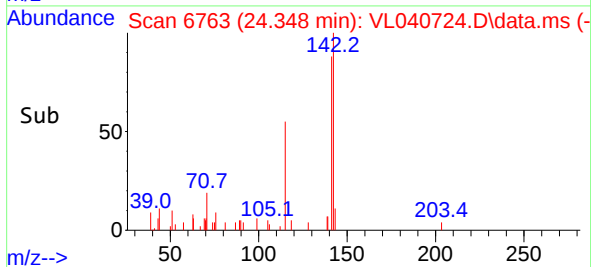
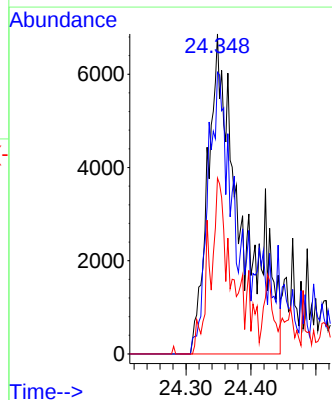
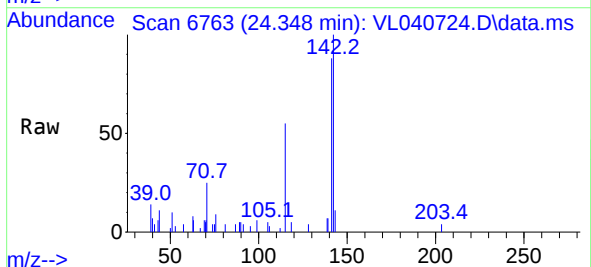
Instrument :
MSVOA_L
ClientSampleId :
SSG2

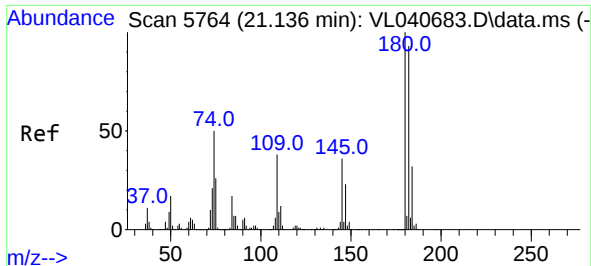
Tgt Ion:146 Resp: 8329
Ion Ratio Lower Upper
146 100
111 17.2 25.0 75.0#
148 156.0 32.4 97.0#



#80
Naphthalene,2-methyl-
Concen: 0.410 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.032 min
Lab File: VL040724.D
Acq: 27 Sep 2023 12:50

Tgt Ion:142 Resp: 24155
Ion Ratio Lower Upper
142 100
141 57.3 67.0 100.6#
115 30.1 37.4 56.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.045 ppbv

RT: 21.098 min Scan# 51

Delta R.T. -0.051 min

Lab File: VL040724.D

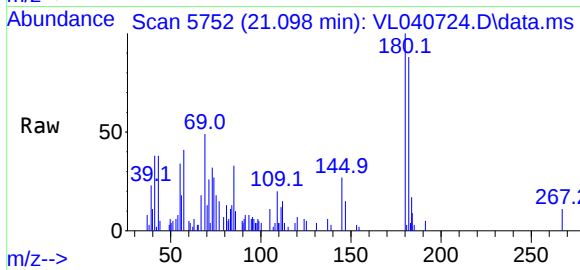
Acq: 27 Sep 2023 12:50

Instrument :

MSVOA_L

ClientSampleId :

SSG2



Tgt Ion:180 Resp: 7020

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9#

184 0.0 24.4 36.6#

