

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040739.D
 Acq On : 4 Oct 2023 13:53
 Operator : SY/MD
 Sample : 04716-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:26:55 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	1069315	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2968645	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2607468	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1974991	9.804	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%

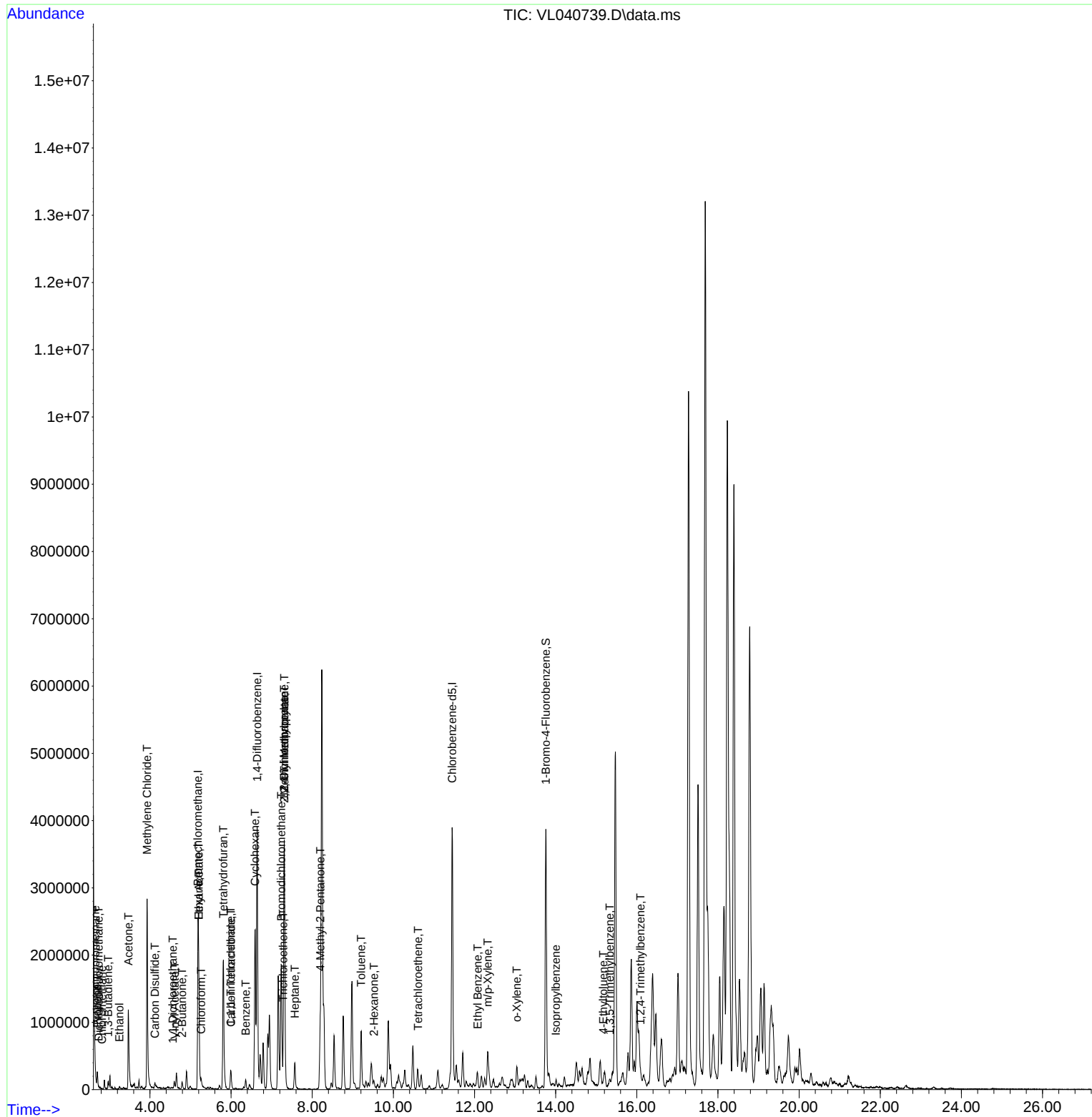
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	11659	0.049	ppbv	95
3) Chlorodifluoromethane	2.655	51	28826	0.165	ppbv #	78
4) Chloromethane	2.819	50	2500	0.037	ppbv #	83
9) Propene	2.700	41	88532	1.764	ppbv	93
10) Heptane	7.571	43	165184	1.461	ppbv	100
13) Ethanol	3.246	45	17595	1.185	ppbv #	37
15) Acetone	3.468	43	1322148	9.374	ppbv	99
16) 1,3-Butadiene	2.973	39	28080	0.457	ppbv #	9
20) Methylene Chloride	3.931	84	982223	12.938	ppbv	92
23) Vinyl Acetate	4.610	43	9473	0.065	ppbv #	9
24) 1,1-Dichloroethane	4.565	63	8947	0.066	ppbv #	87
25) Ethyl Acetate	5.205	43	329689	1.449	ppbv #	77
26) Hexane	5.205	57	498242	4.632	ppbv #	38
27) Carbon Disulfide	4.124	76	89033	0.594	ppbv #	83
29) Chloroform	5.262	83	48357	0.260	ppbv	92
30) Cyclohexane	6.590	84	892692	11.021	ppbv	98
32) 1,1,1-Trichloroethane	5.989	97	168360	0.887	ppbv	99
34) 2-Butanone	4.793	43	120425	0.807	ppbv	95
35) Carbon Tetrachloride	5.999	117	6225	0.031	ppbv	96
36) Benzene	6.362	78	112175	0.510	ppbv	96
38) Trichloroethene	7.282	130	9724	0.116	ppbv #	73
39) 1,2-Dichloropropane	7.307	63	7078	0.084	ppbv #	1
41) Tetrahydrofuran	5.806	42	252462	3.298	ppbv #	33
42) Bromodichloromethane	7.237	83	190033	0.926	ppbv #	26
43) Methyl Methacrylate	7.311	69	529944	6.486	ppbv #	51
44) 2,2,4-Trimethylpentane	7.314	57	248153	0.709	ppbv #	1
50) 4-Methyl-2-Pentanone	8.198	43	37546	0.186	ppbv	89
51) 2-Hexanone	9.520	43	55024	0.395	ppbv #	31
52) Tetrachloroethene	10.613	164	11504	0.160	ppbv	87
53) Toluene	9.208	91	691872	2.981	ppbv	99
58) Ethyl Benzene	12.076	91	161265	0.542	ppbv	100
59) m/p-Xylene	12.323	91	256815	0.920	ppbv #	20
60) o-Xylene	13.040	91	139146	0.523	ppbv #	62
62) Isopropylbenzene	14.008	105	90039	0.224	ppbv	99
72) 4-Ethyltoluene	15.175	105	47430	0.159	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.336	105	53163	0.198	ppbv	93
74) 1,2,4-Trimethylbenzene	16.092	105	113362	0.346	ppbv #	59

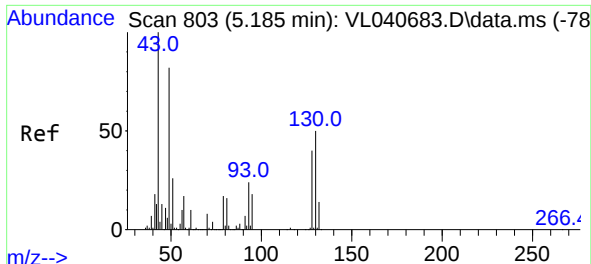
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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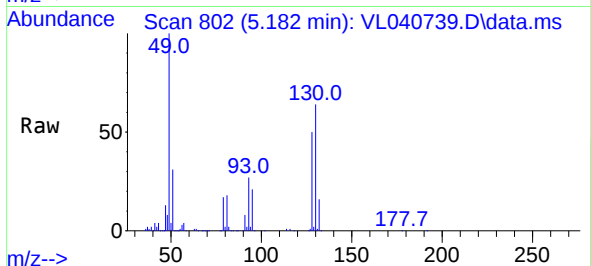
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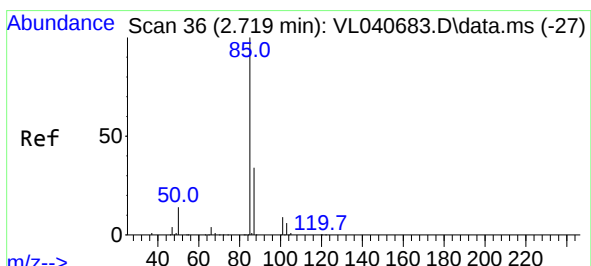
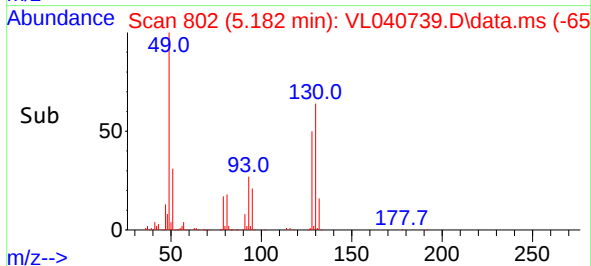
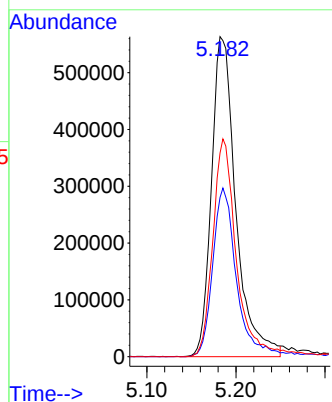


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Instrument :
MSVOA_L
ClientSampleId :

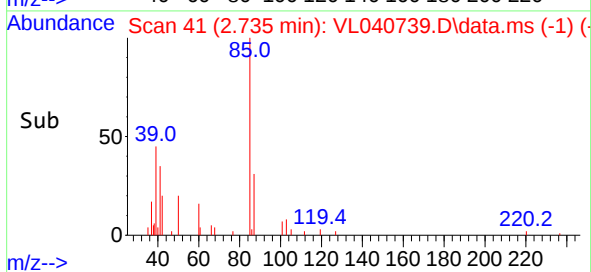
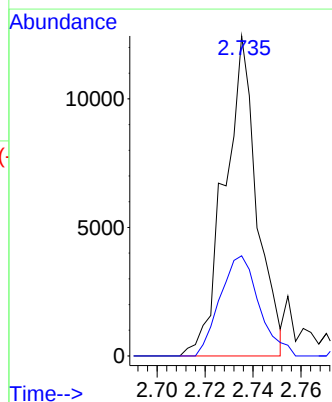
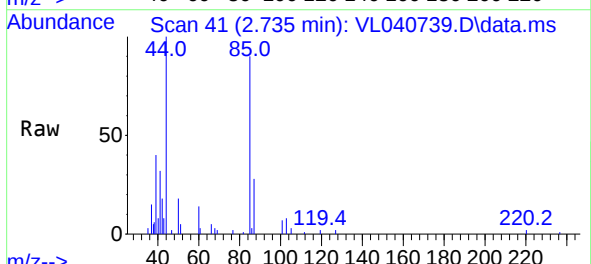


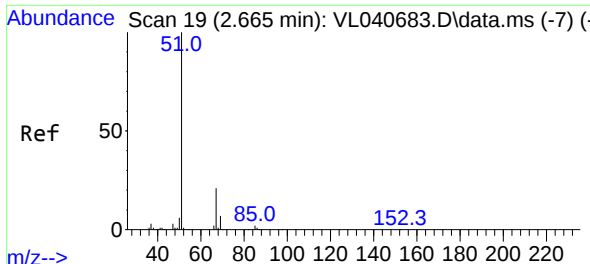
Tgt Ion: 49 Resp: 1069315
Ion Ratio Lower Upper
49 100
128 51.8 25.4 76.0
130 68.7 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 0.049 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 85 Resp: 11659
Ion Ratio Lower Upper
85 100
87 31.3 27.2 40.8

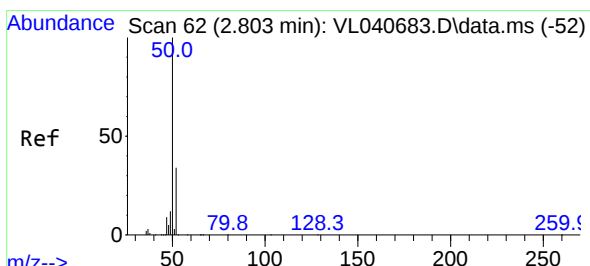
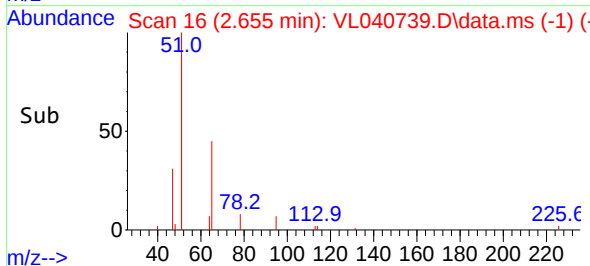
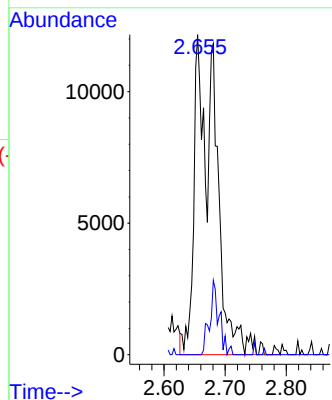
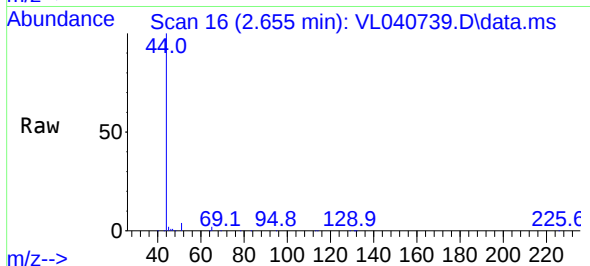




#3
Chlorodifluoromethane
Concen: 0.165 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

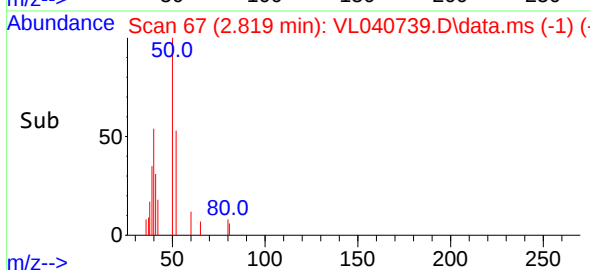
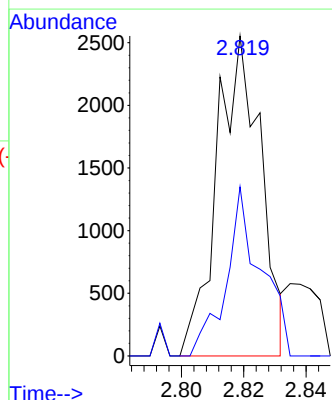
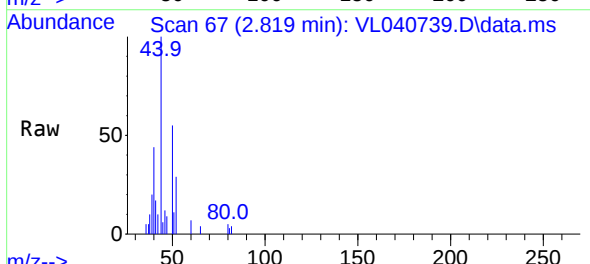
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 28826
Ion Ratio Lower Upper
51 100
67 10.6 16.7 25.1#

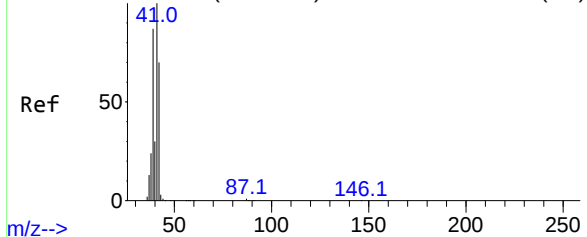


#4
Chloromethane
Concen: 0.037 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.003 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 50 Resp: 2500
Ion Ratio Lower Upper
50 100
52 43.8 27.1 40.7#



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



#9

Propene

Concen: 1.764 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :

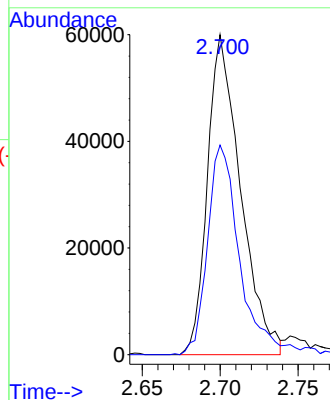
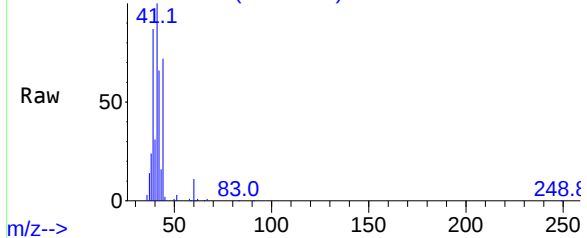
Tgt Ion: 41 Resp: 88532

Ion Ratio Lower Upper

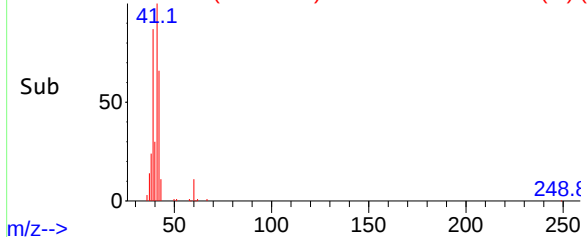
41 100

42 65.1 56.7 85.1

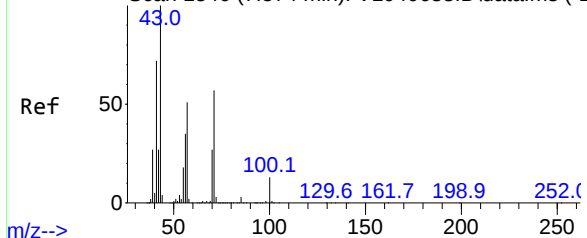
Abundance Scan 30 (2.700 min): VL040739.D\data.ms



Abundance Scan 30 (2.700 min): VL040739.D\data.ms (-1)



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



#10

Heptane

Concen: 1.461 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.016 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

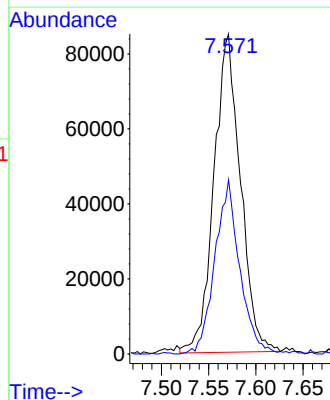
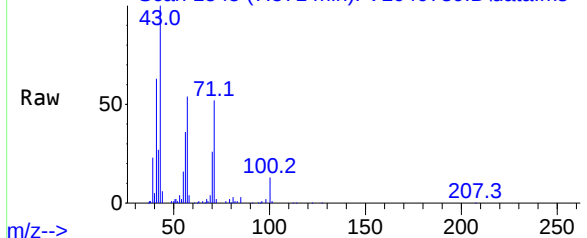
Tgt Ion: 43 Resp: 165184

Ion Ratio Lower Upper

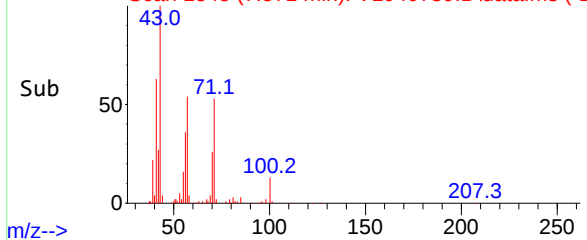
43 100

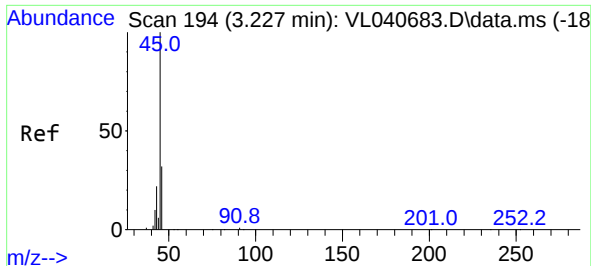
57 52.0 41.8 62.6

Abundance Scan 1545 (7.571 min): VL040739.D\data.ms



Abundance Scan 1545 (7.571 min): VL040739.D\data.ms (-1)

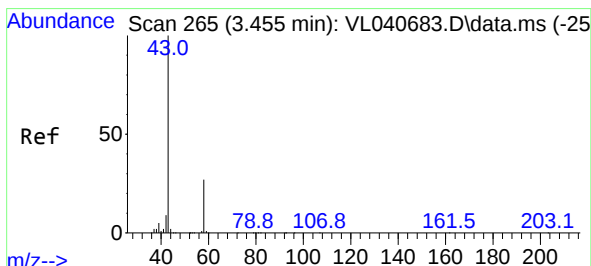
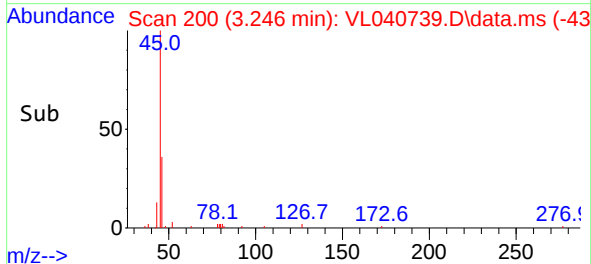
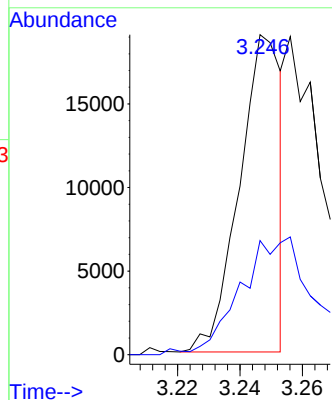
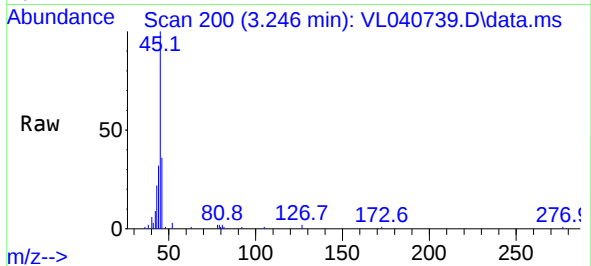




#13
Ethanol
Concen: 1.185 ppbv
RT: 3.246 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

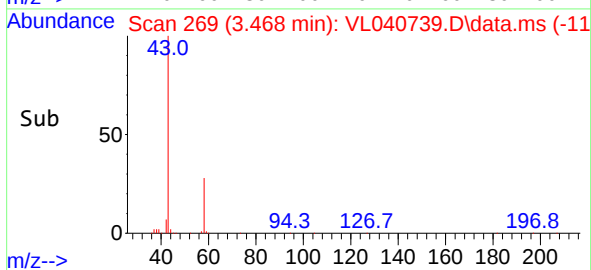
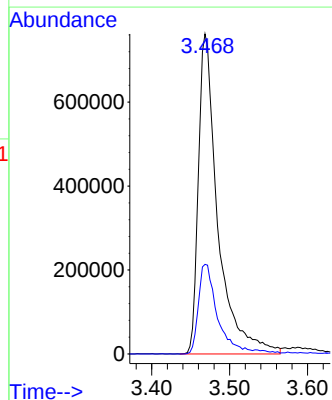
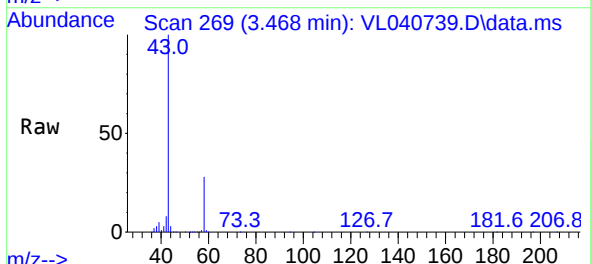
Instrument :
MSVOA_L
ClientSampleId :

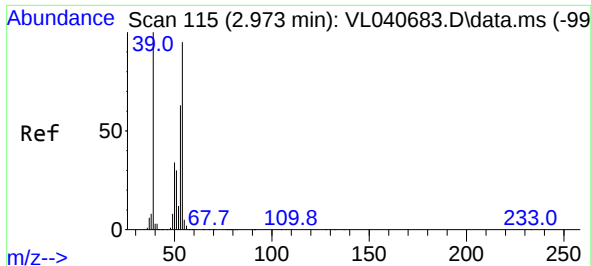
Tgt Ion: 45 Resp: 17595
Ion Ratio Lower Upper
45 100
46 0.0 15.2 61.0#



#15
Acetone
Concen: 9.374 ppbv
RT: 3.468 min Scan# 269
Delta R.T. -0.003 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 43 Resp: 1322148
Ion Ratio Lower Upper
43 100
58 29.0 22.6 34.0





#16

1,3-Butadiene

Concen: 0.457 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.016 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

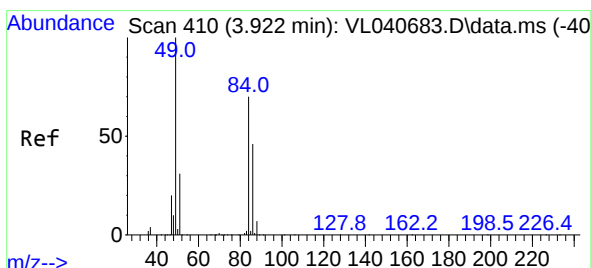
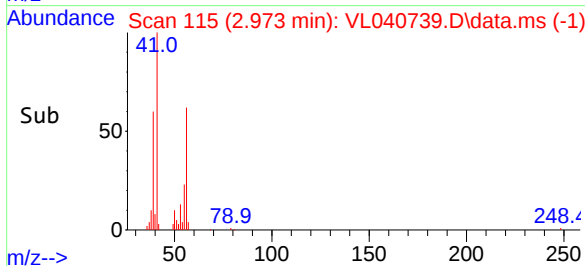
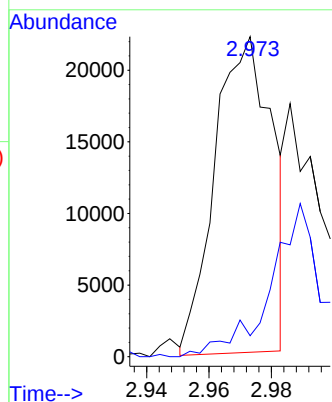
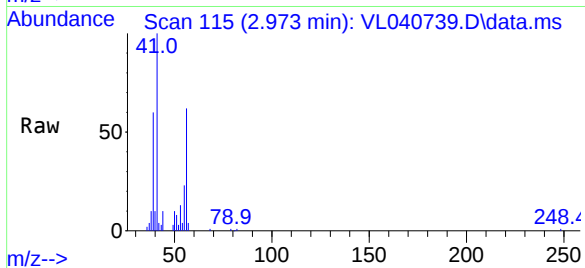
ClientSampleId :

Tgt Ion: 39 Resp: 28080

Ion Ratio Lower Upper

39 100

54 0.0 64.8 97.2#



#20

Methylene Chloride

Concen: 12.938 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.006 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Tgt Ion: 84 Resp: 982223

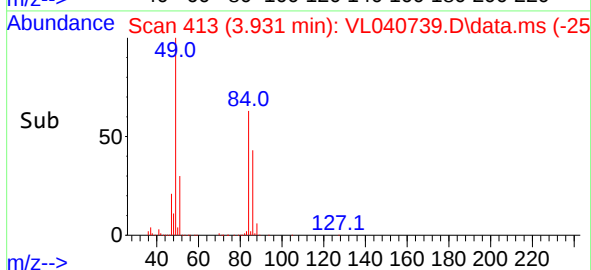
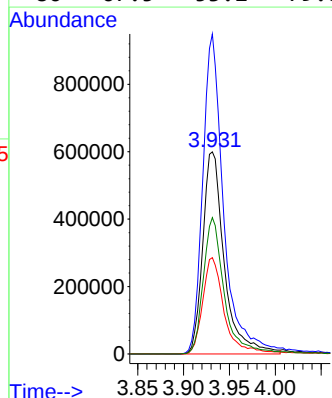
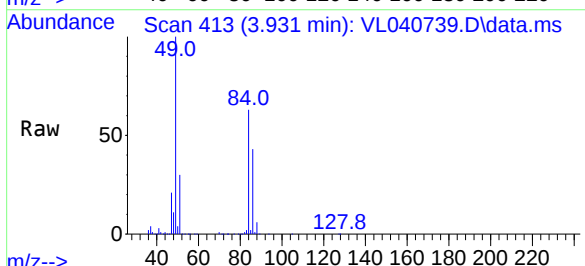
Ion Ratio Lower Upper

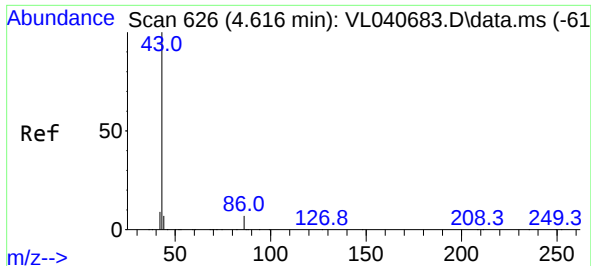
84 100

49 158.4 114.4 171.6

51 47.5 35.5 53.3

86 67.5 53.2 79.8



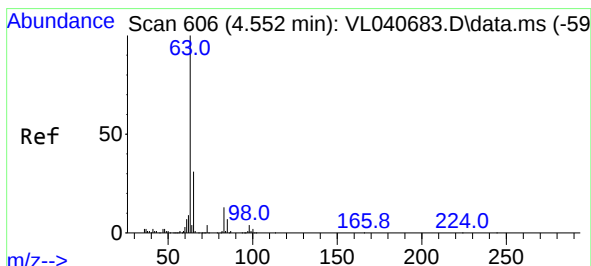
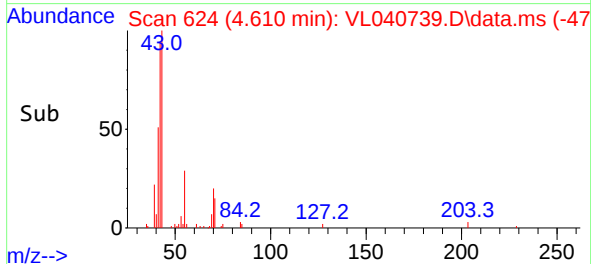
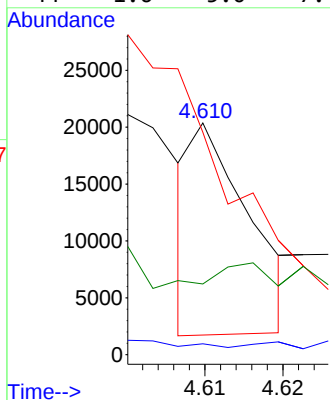
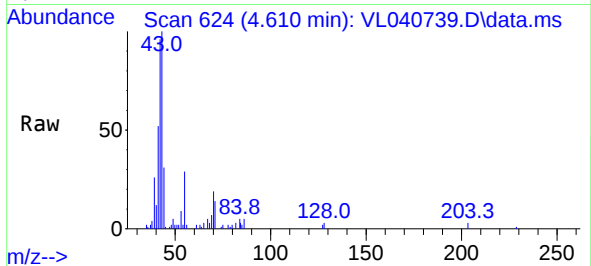


#23
 Vinyl Acetate
 Concen: 0.065 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. -0.023 min
 Lab File: VL040739.D
 Acq: 4 Oct 2023 13:53

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 9473

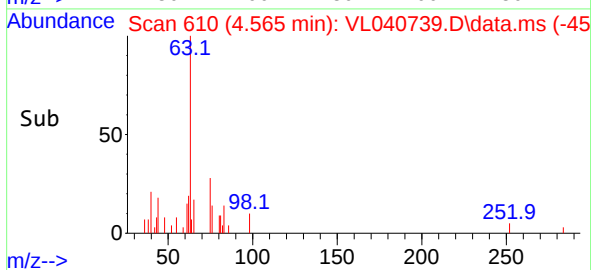
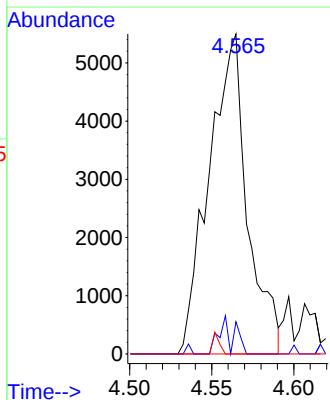
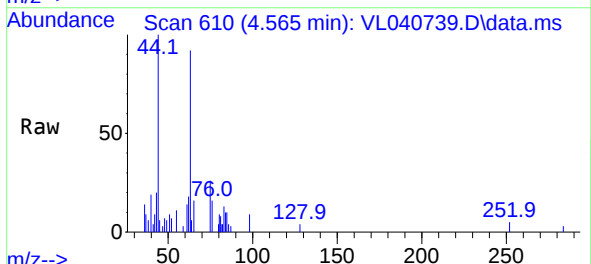
Ion	Ratio	Lower	Upper
43	100		
86	1.8	5.6	8.4#
42	81.5	7.6	11.4#
44	1.6	5.0	7.4#

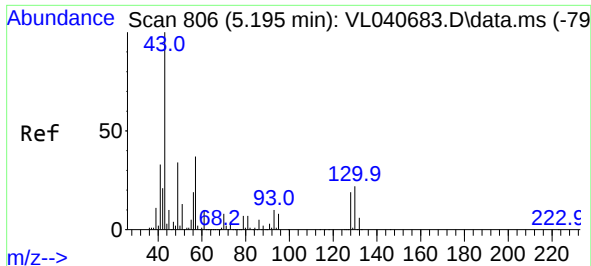


#24
 1,1-Dichloroethane
 Concen: 0.066 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040739.D
 Acq: 4 Oct 2023 13:53

Tgt Ion: 63 Resp: 8947

Ion	Ratio	Lower	Upper
63	100		
98	9.4	1.8	5.5#
100	0.0	1.2	3.6#





#25

Ethyl Acetate

Concen: 1.449 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.006 min

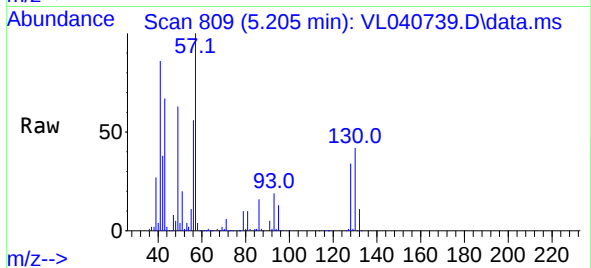
Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 329689

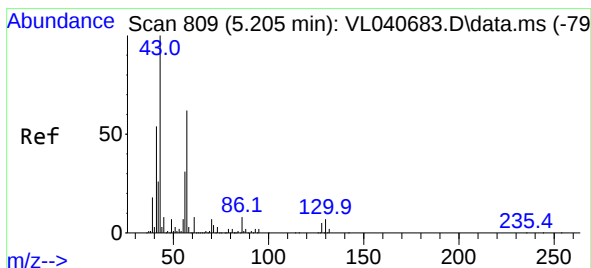
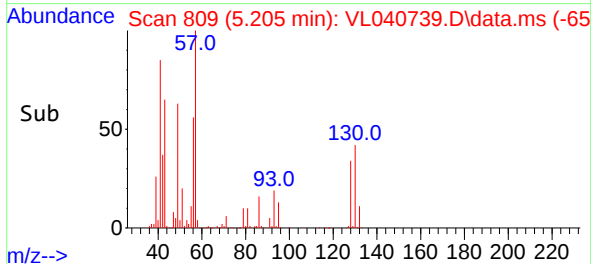
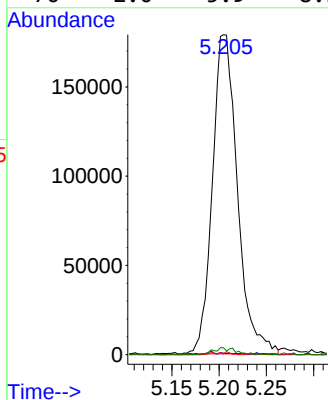
Ion Ratio Lower Upper

43 100

45 0.6 8.2 12.4#

61 0.5 8.2 12.4#

70 2.0 5.9 8.9#



#26

Hexane

Concen: 4.632 ppbv

RT: 5.205 min Scan# 809

Delta R.T. -0.016 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Tgt Ion: 57 Resp: 498242

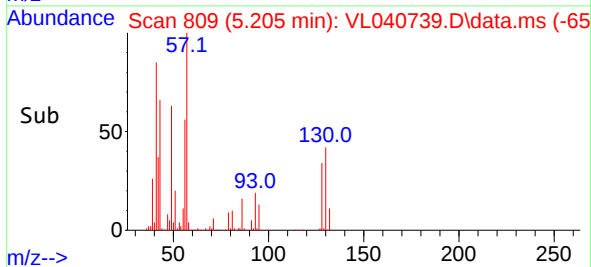
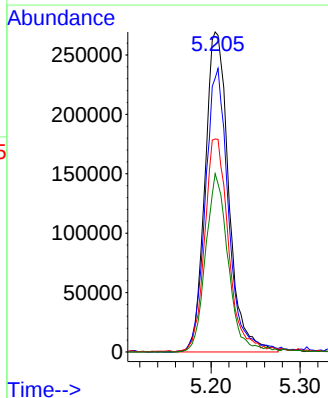
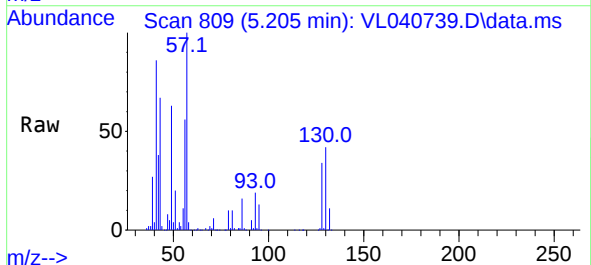
Ion Ratio Lower Upper

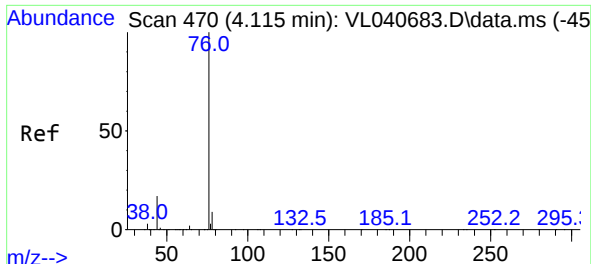
57 100

41 87.5 75.2 112.8

43 67.8 185.6 278.4#

56 53.9 43.8 65.8

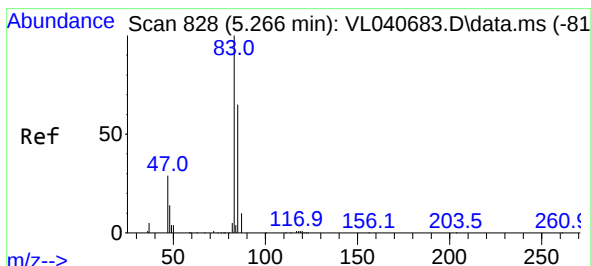
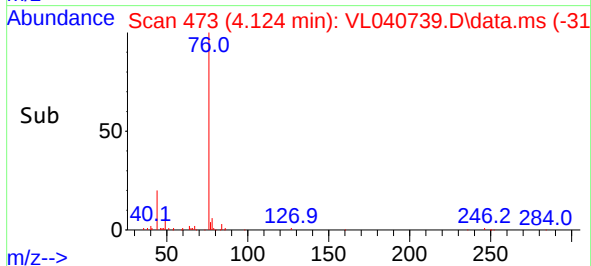
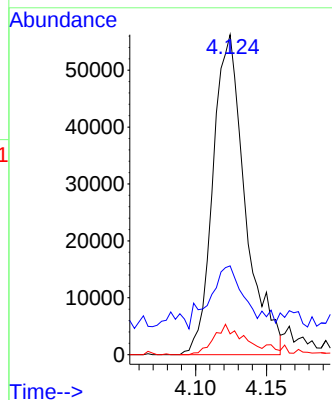
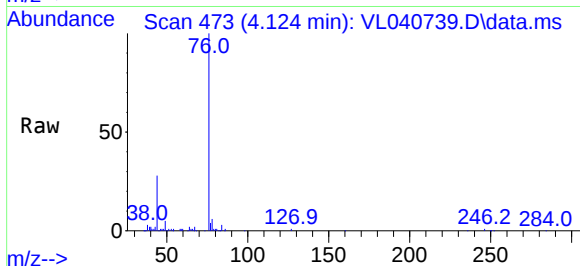




#27
Carbon Disulfide
Concen: 0.594 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

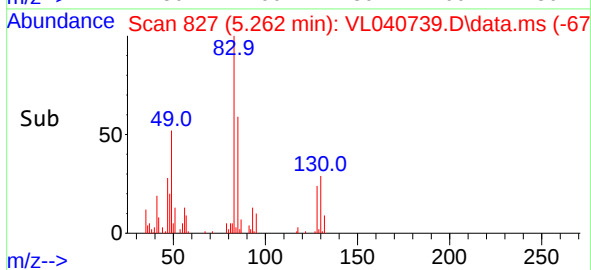
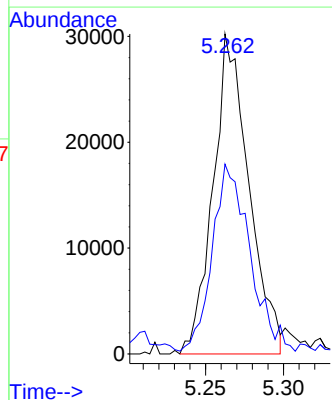
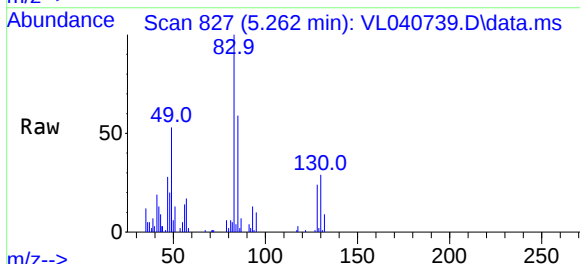
Instrument :
MSVOA_L
ClientSampleId :

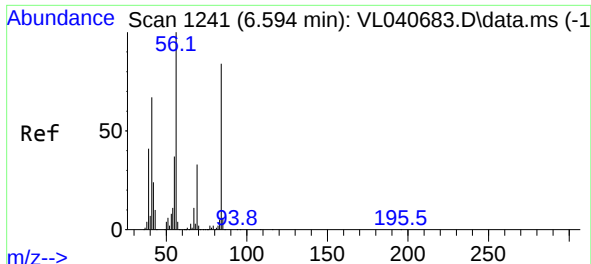
Tgt Ion: 76 Resp: 89033
Ion Ratio Lower Upper
76 100
44 28.6 14.5 21.7#
78 10.8 7.7 11.5



#29
Chloroform
Concen: 0.260 ppbv
RT: 5.262 min Scan# 827
Delta R.T. -0.019 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 83 Resp: 48357
Ion Ratio Lower Upper
83 100
85 58.4 51.8 77.8

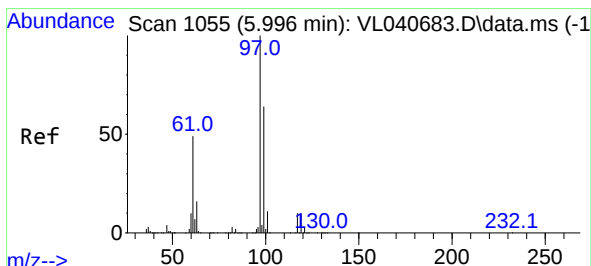
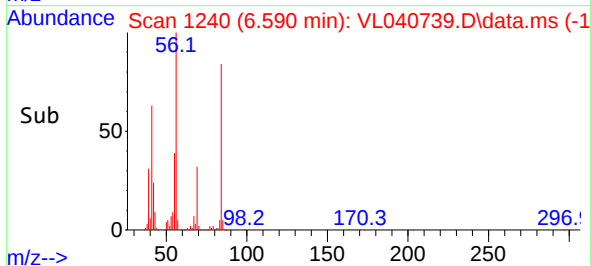
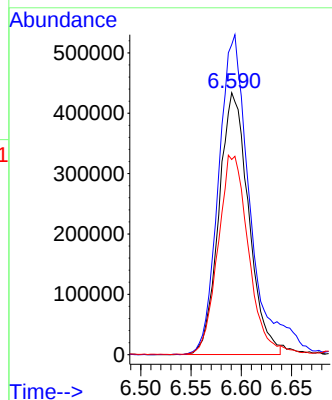
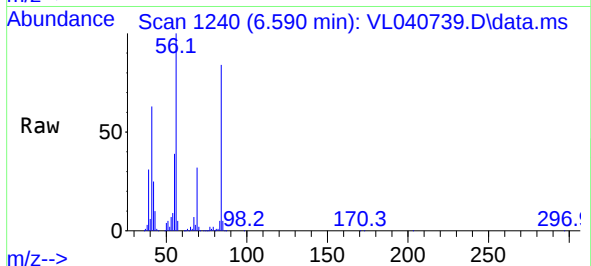




#30
Cyclohexane
Concen: 11.021 ppbv
RT: 6.590 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

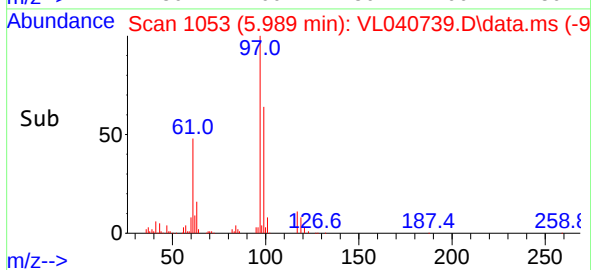
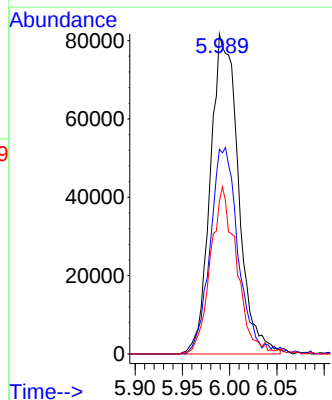
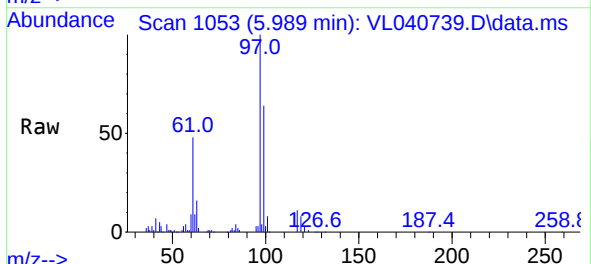
Instrument :
MSVOA_L
ClientSampleId :

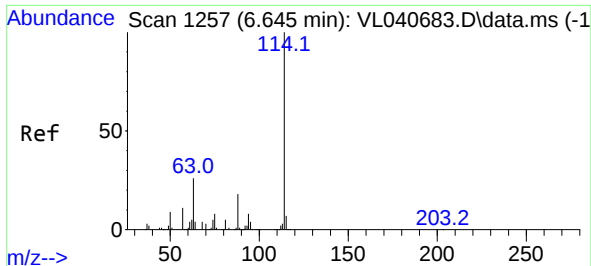
Tgt Ion: 84 Resp: 892692
Ion Ratio Lower Upper
84 100
56 130.8 103.2 154.8
41 78.9 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 0.887 ppbv
RT: 5.989 min Scan# 1053
Delta R.T. -0.023 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 97 Resp: 168360
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 49.5 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :

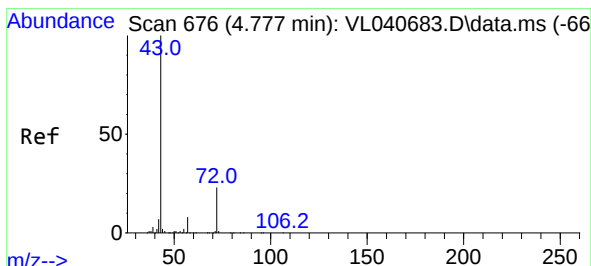
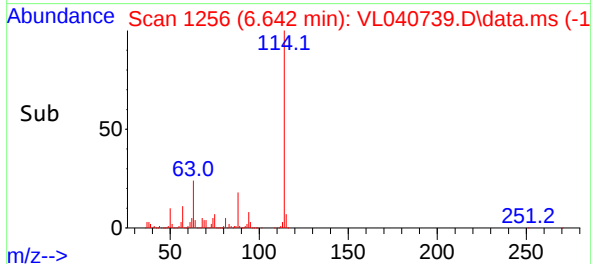
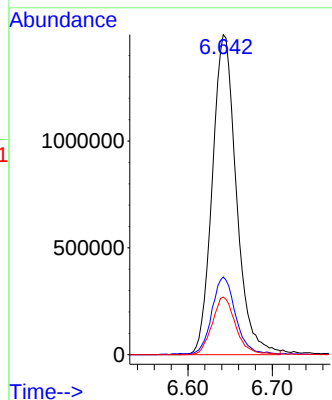
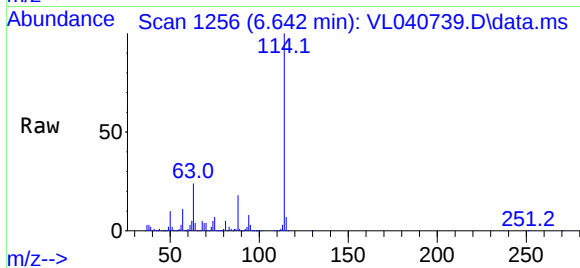
Tgt Ion:114 Resp: 2968645

Ion Ratio Lower Upper

114 100

63 24.7 21.1 31.7

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 0.807 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.003 min

Lab File: VL040739.D

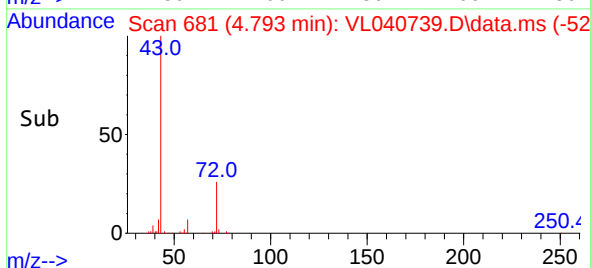
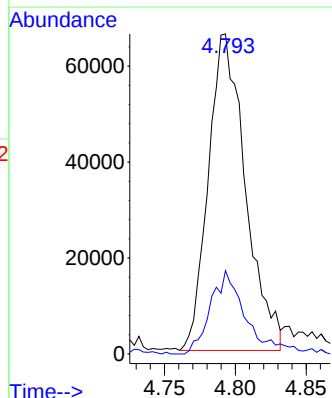
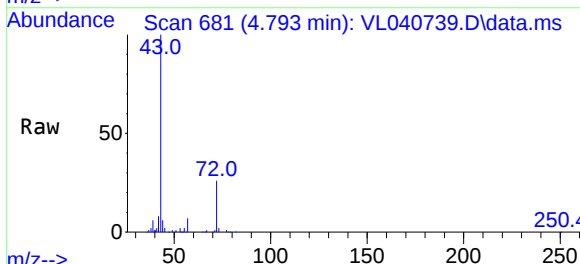
Acq: 4 Oct 2023 13:53

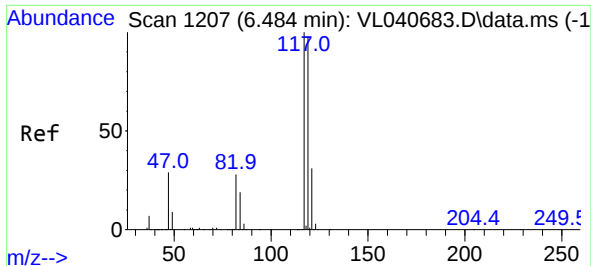
Tgt Ion: 43 Resp: 120425

Ion Ratio Lower Upper

43 100

72 25.5 18.6 27.8

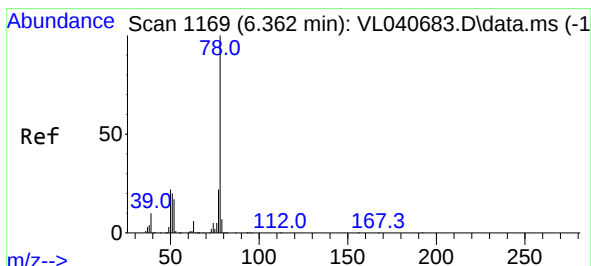
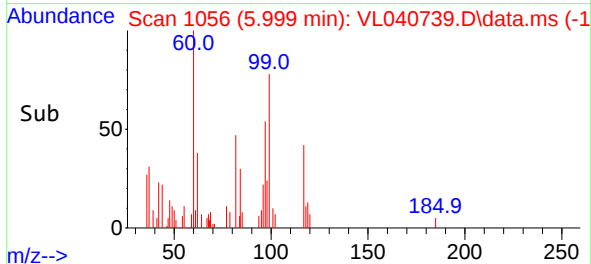
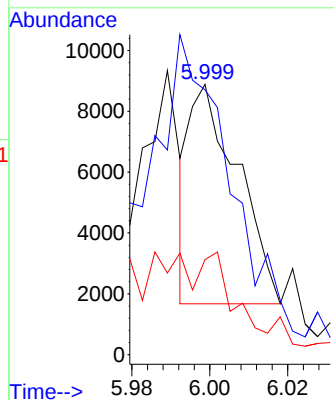
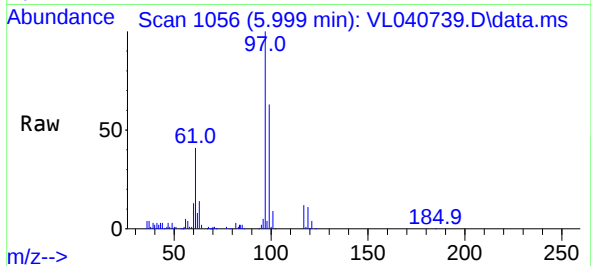




#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 5.999 min Scan# 11056
Delta R.T. -0.505 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

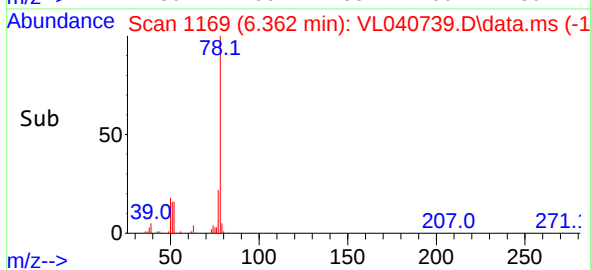
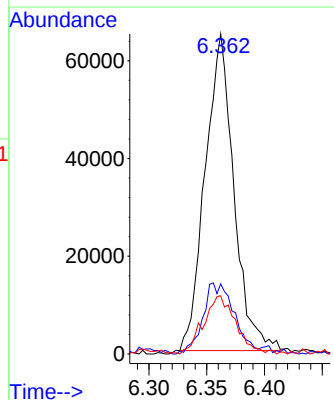
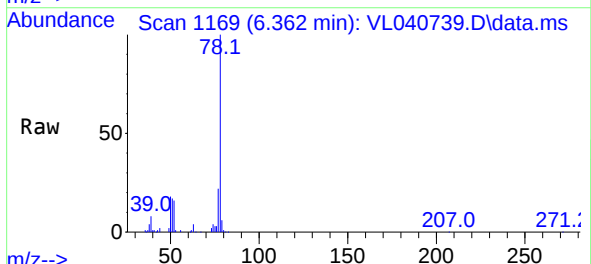
Instrument :
MSVOA_L
ClientSampleId :

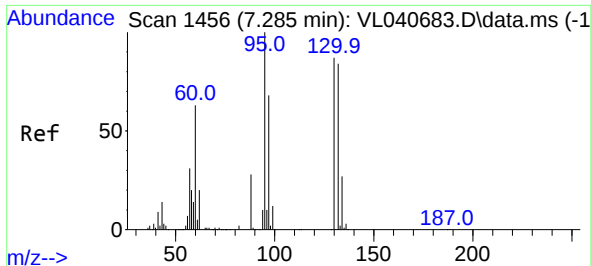
Tgt Ion:117 Resp: 6225
Ion Ratio Lower Upper
117 100
119 95.8 78.6 117.8
121 26.0 24.7 37.1



#36
Benzene
Concen: 0.510 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 78 Resp: 112175
Ion Ratio Lower Upper
78 100
77 21.5 17.9 26.9
50 18.4 17.3 25.9

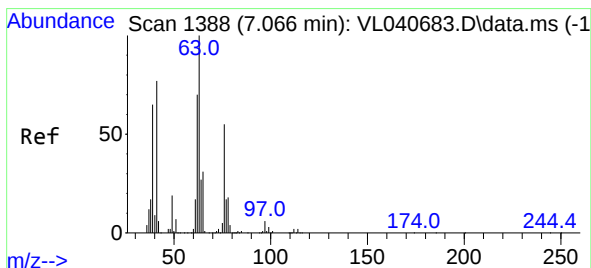
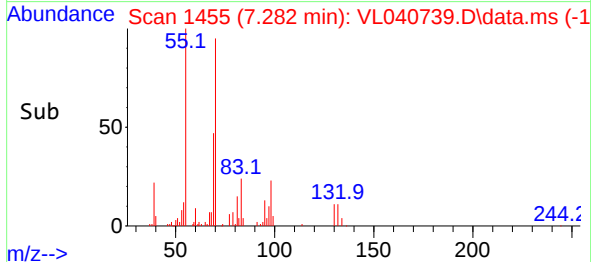
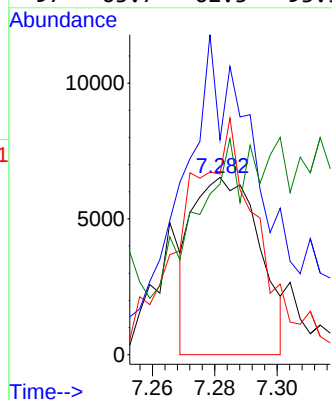
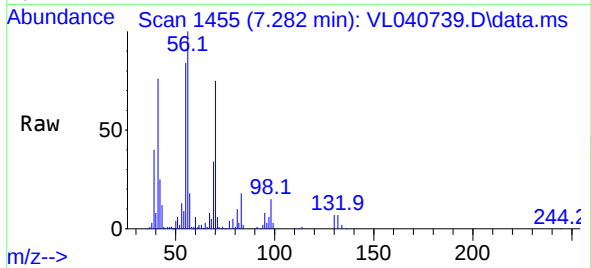




#38
Trichloroethene
Concen: 0.116 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.019 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

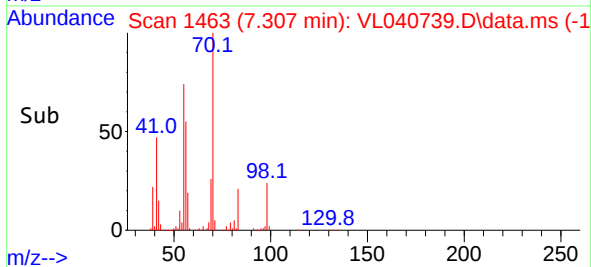
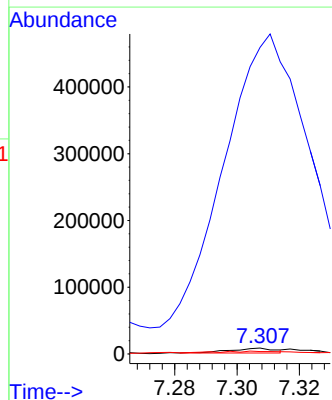
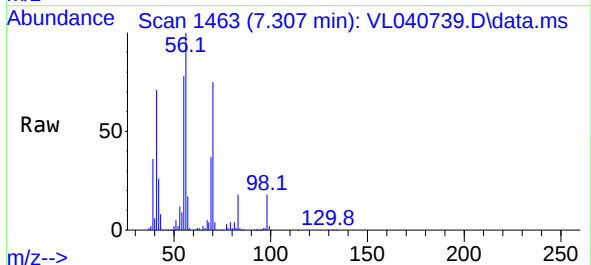
Instrument :
MSVOA_L
ClientSampleId :

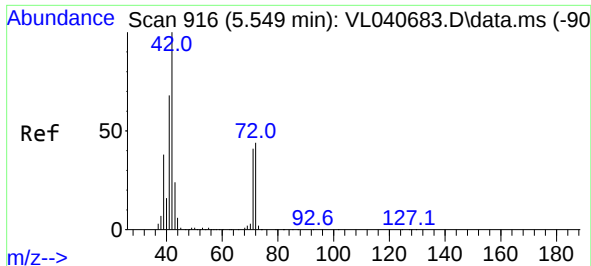
Tgt Ion:130 Resp: 9724
Ion Ratio Lower Upper
130 100
95 57.5 91.9 137.9#
132 92.6 77.3 115.9
97 63.7 62.3 93.5



#39
1,2-Dichloropropane
Concen: 0.084 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.225 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 63 Resp: 7078
Ion Ratio Lower Upper
63 100
41 5239.0 61.6 92.4#
62 23.7 55.8 83.8#





#41

Tetrahydrofuran

Concen: 3.298 ppbv

RT: 5.806 min Scan# 916

Delta R.T. 0.244 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :

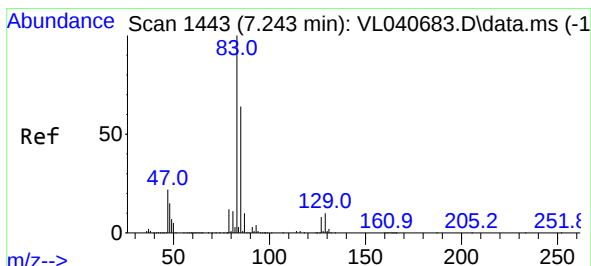
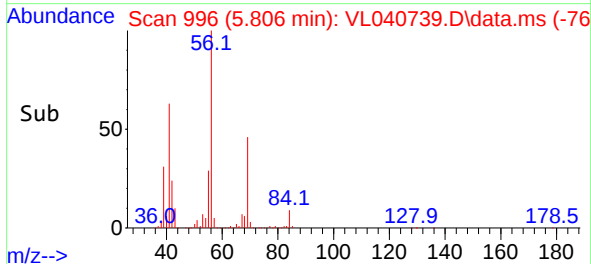
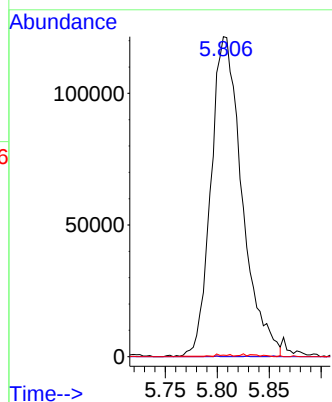
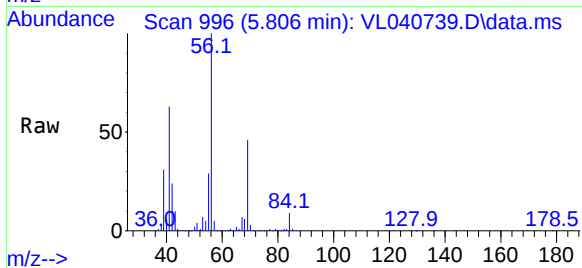
Tgt Ion: 42 Resp: 252462

Ion Ratio Lower Upper

42 100

72 0.0 34.9 52.3#

71 0.5 33.8 50.8#



#42

Bromodichloromethane

Concen: 0.926 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. -0.022 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

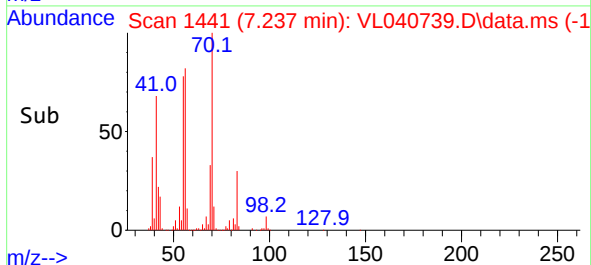
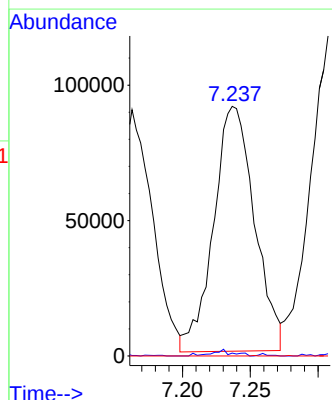
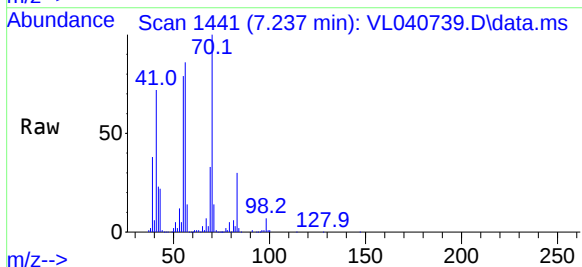
Tgt Ion: 83 Resp: 190033

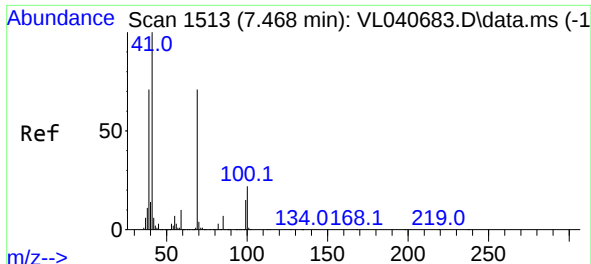
Ion Ratio Lower Upper

83 100

85 1.3 51.2 76.8#

127 0.0 6.2 9.4#

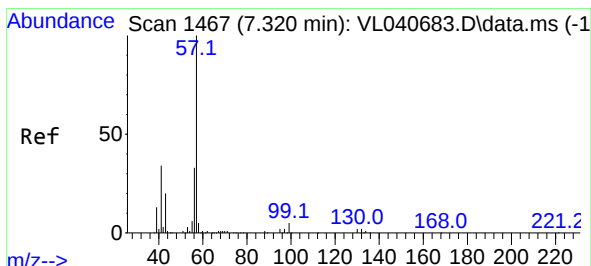
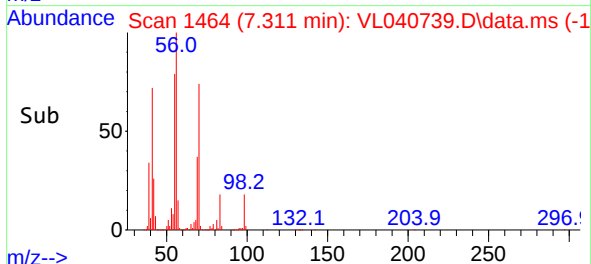
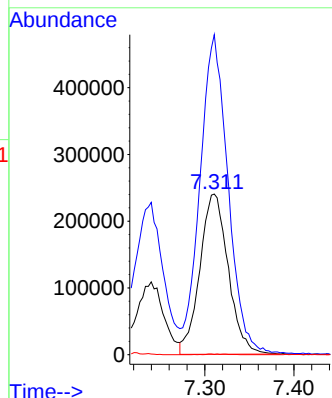
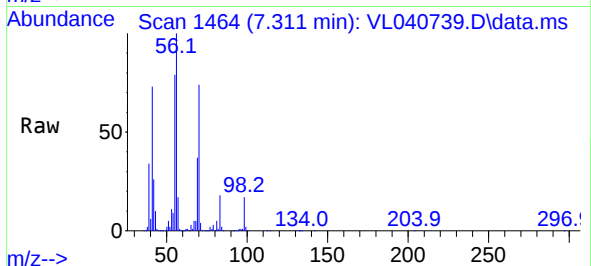




#43
Methyl Methacrylate
Concen: 6.486 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.170 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

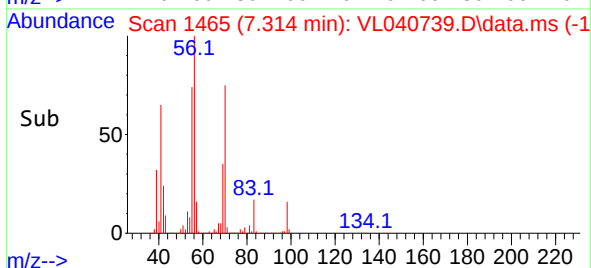
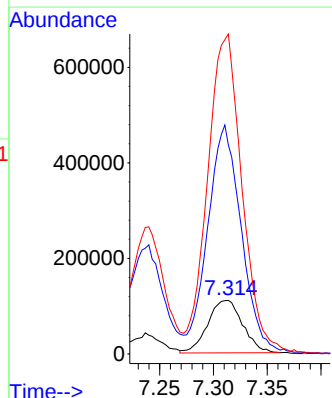
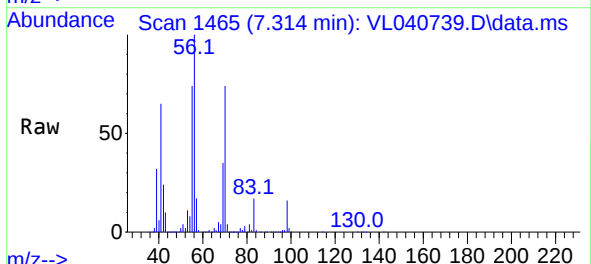
Instrument :
MSVOA_L
ClientSampleId :

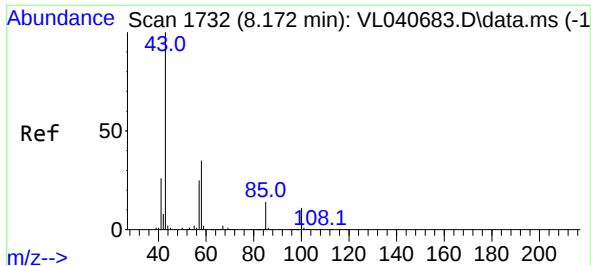
Tgt Ion: 69 Resp: 529944
Ion Ratio Lower Upper
69 100
41 201.2 113.8 170.8#
100 0.2 25.4 38.0#



#44
2,2,4-Trimethylpentane
Concen: 0.709 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.022 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 57 Resp: 248153
Ion Ratio Lower Upper
57 100
41 429.6 28.5 42.7#
56 608.9 25.4 38.2#

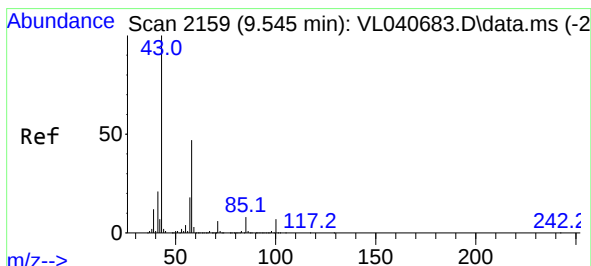
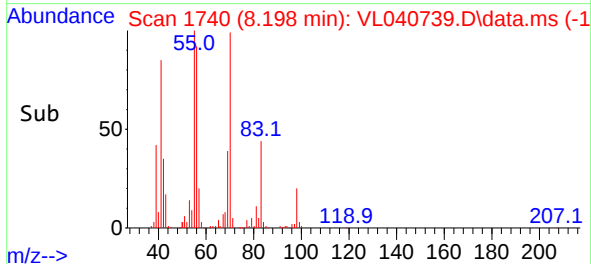
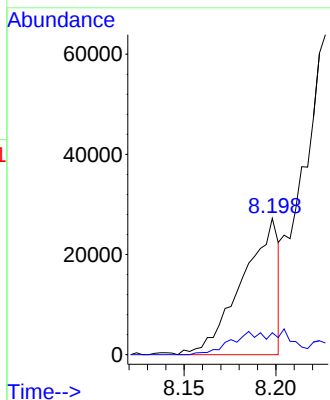
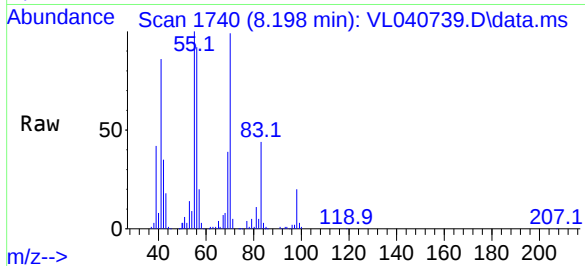




#50
4-Methyl-2-Pentanone
Concen: 0.186 ppbv
RT: 8.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

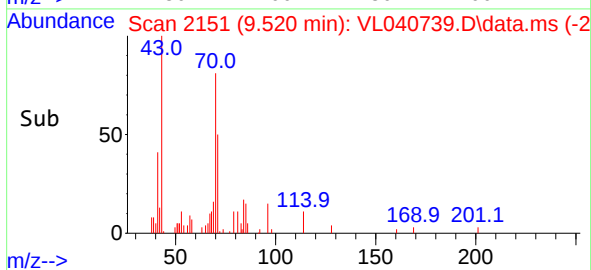
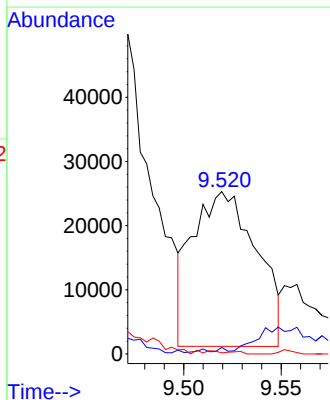
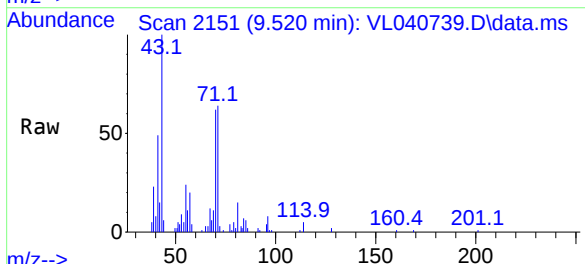
Instrument :
MSVOA_L
ClientSampleId :

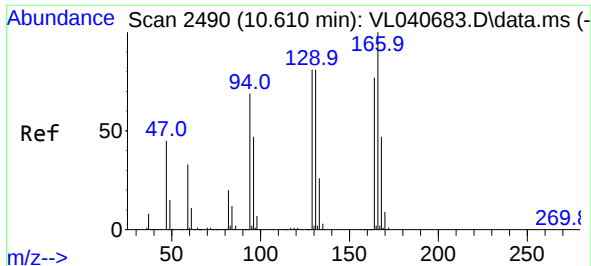
Tgt Ion: 43 Resp: 37546
Ion Ratio Lower Upper
43 100
58 41.8 28.2 42.4



#51
2-Hexanone
Concen: 0.395 ppbv
RT: 9.520 min Scan# 2151
Delta R.T. -0.035 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

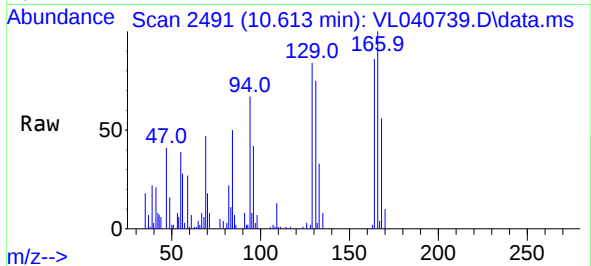
Tgt Ion: 43 Resp: 55024
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 0.0 0.6 1.0#



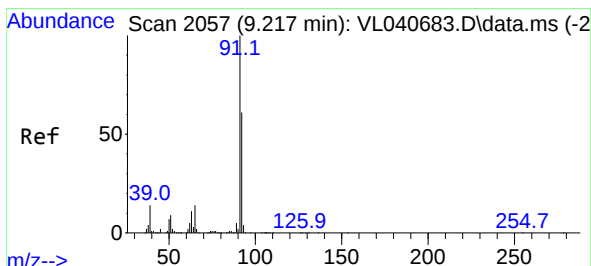
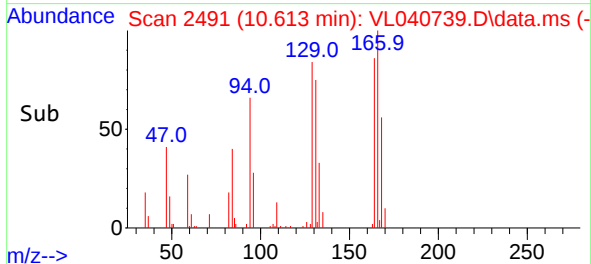
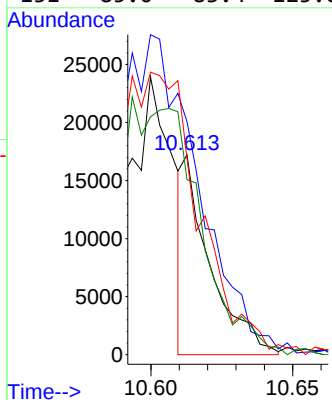


#52
Tetrachloroethene
Concen: 0.160 ppbv
RT: 10.613 min Scan# 2490
Delta R.T. -0.013 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Instrument :
MSVOA_L
ClientSampleId :

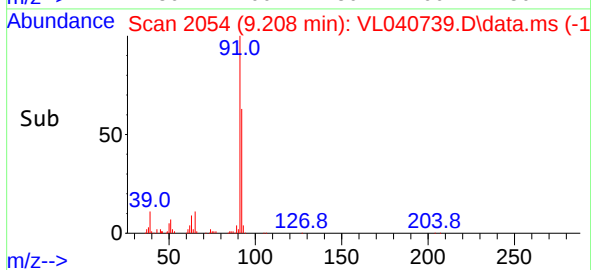
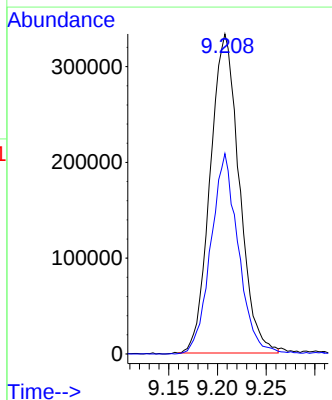
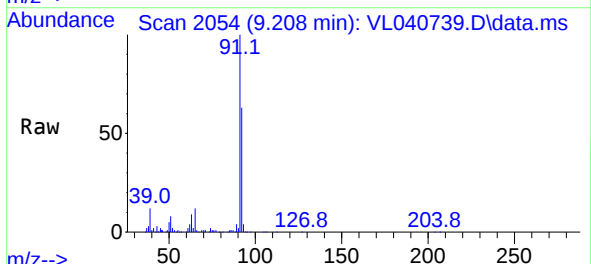


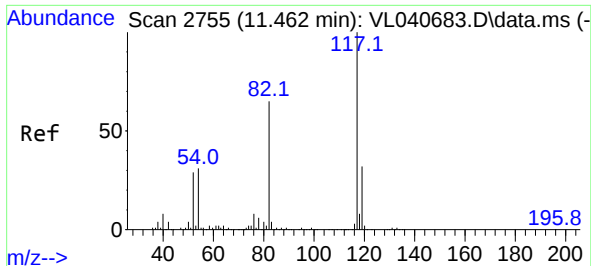
Tgt Ion:164 Resp: 11504
Ion Ratio Lower Upper
164 100
166 115.6 103.4 155.2
129 94.5 83.5 125.3
131 85.0 83.4 125.0



#53
Toluene
Concen: 2.981 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.022 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

Tgt Ion: 91 Resp: 691872
Ion Ratio Lower Upper
91 100
92 59.7 48.5 72.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 21

Delta R.T. -0.029 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :

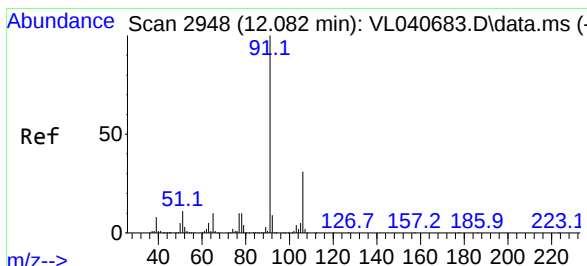
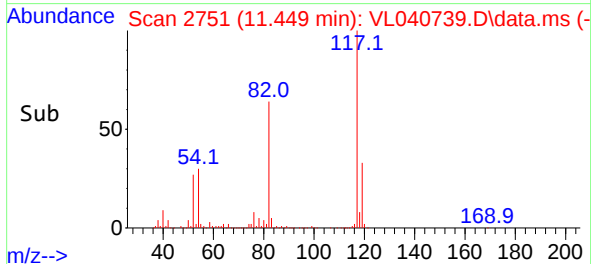
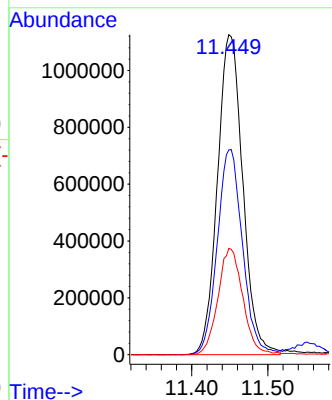
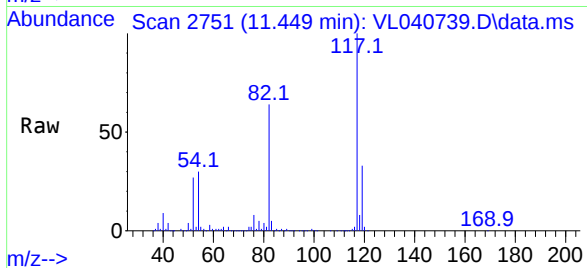
Tgt Ion:117 Resp: 2607468

Ion Ratio Lower Upper

117 100

82 63.9 51.4 77.0

119 33.0 24.7 37.1



#58

Ethyl Benzene

Concen: 0.542 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. -0.026 min

Lab File: VL040739.D

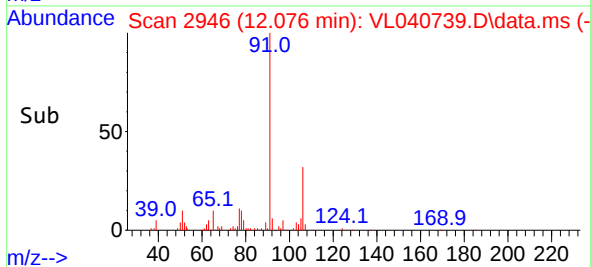
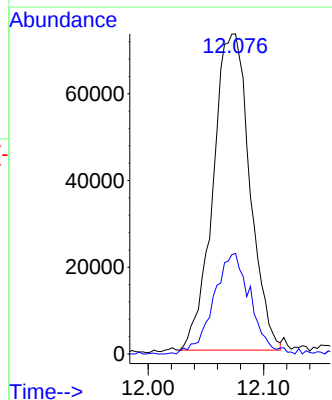
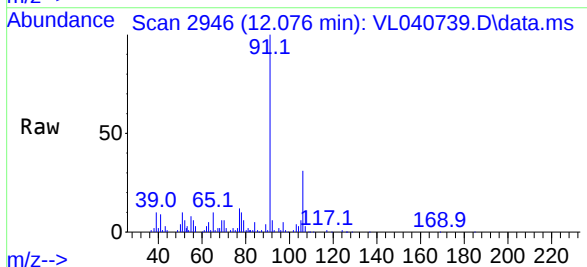
Acq: 4 Oct 2023 13:53

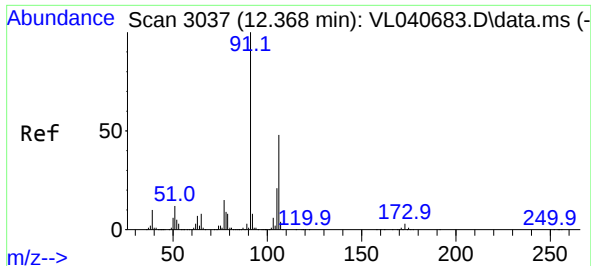
Tgt Ion: 91 Resp: 161265

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1





#59

m/p-Xylene

Concen: 0.920 ppbv

RT: 12.323 min Scan# 3037

Delta R.T. -0.058 min

Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

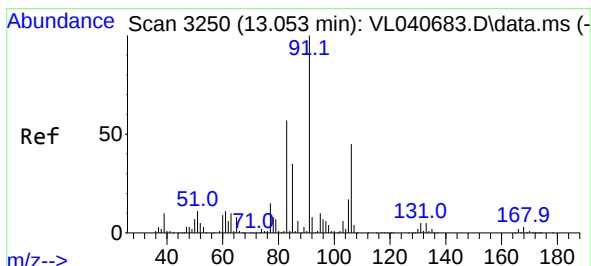
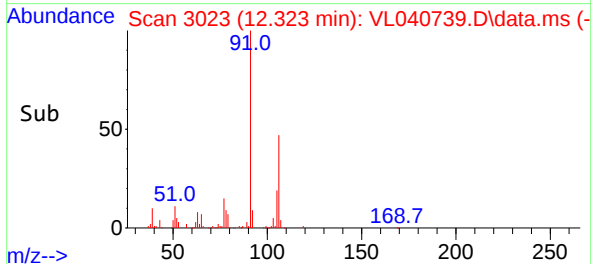
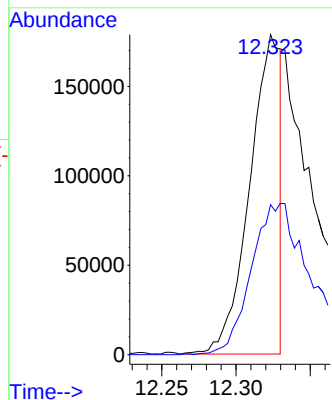
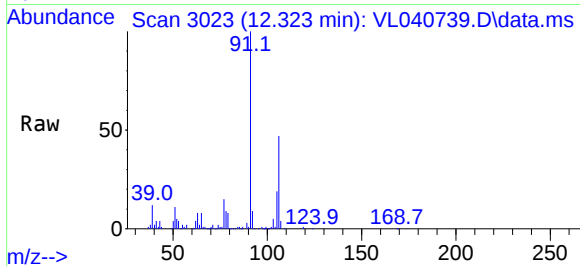
ClientSampleId :

Tgt Ion: 91 Resp: 256815

Ion Ratio Lower Upper

91 100

106 94.7 34.8 52.2#



#60

o-Xylene

Concen: 0.523 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.029 min

Lab File: VL040739.D

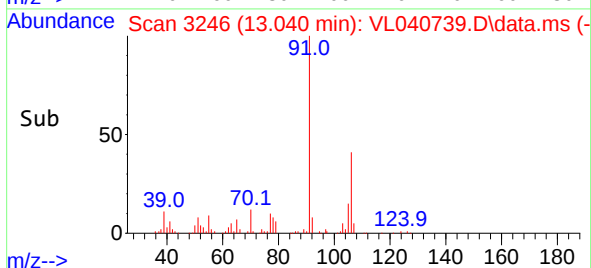
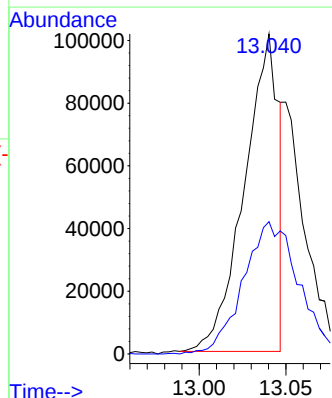
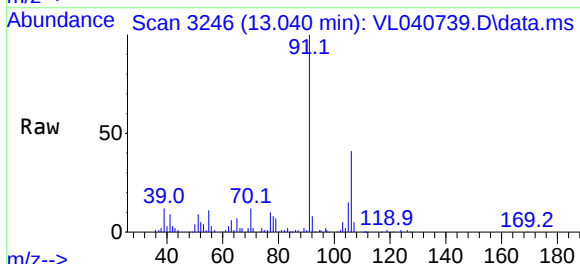
Acq: 4 Oct 2023 13:53

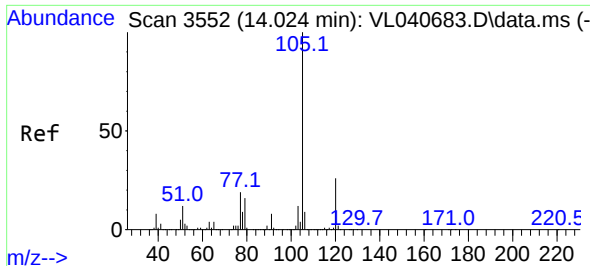
Tgt Ion: 91 Resp: 139146

Ion Ratio Lower Upper

91 100

106 69.1 22.3 66.9#

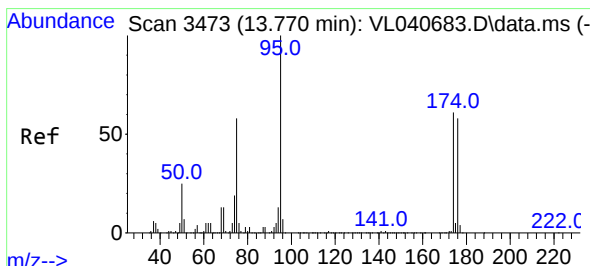
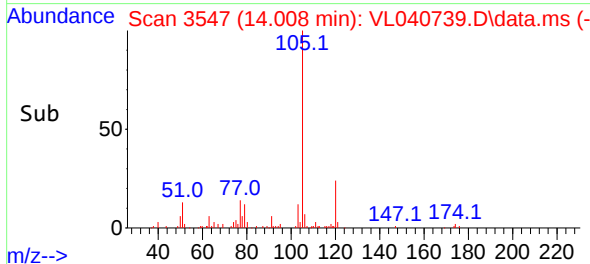
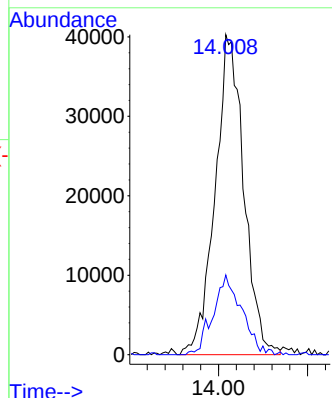
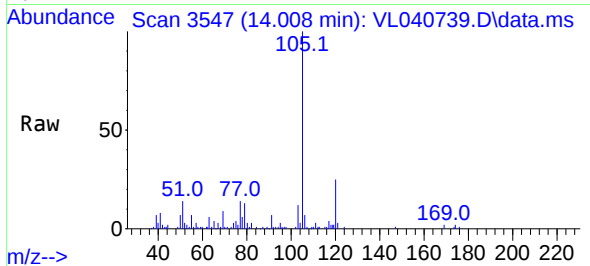




#62
Isopropylbenzene
Concen: 0.224 ppbv
RT: 14.008 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

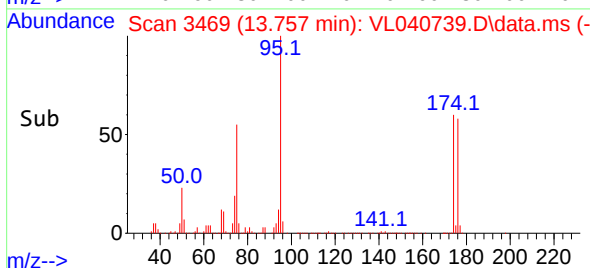
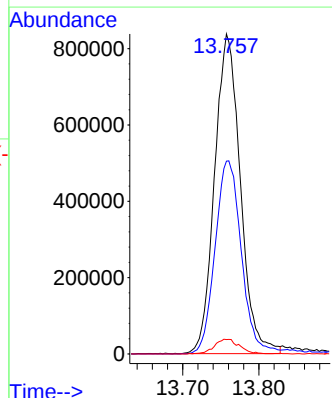
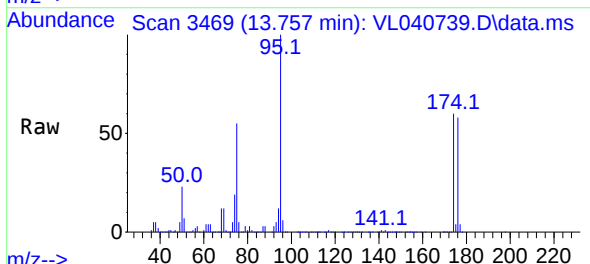
Instrument :
MSVOA_L
ClientSampleId :

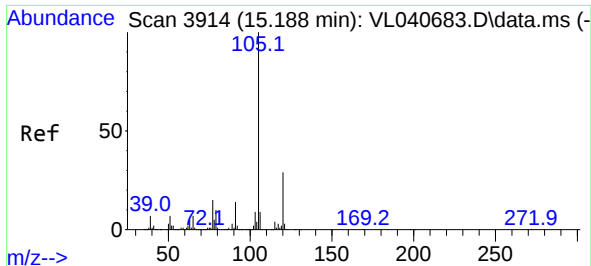
Tgt Ion:105 Resp: 90039
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.804 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

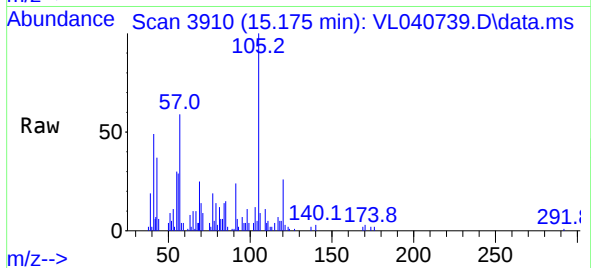
Tgt Ion: 95 Resp: 1974991
Ion Ratio Lower Upper
95 100
174 63.3 48.9 73.3
175 4.7 3.5 5.3



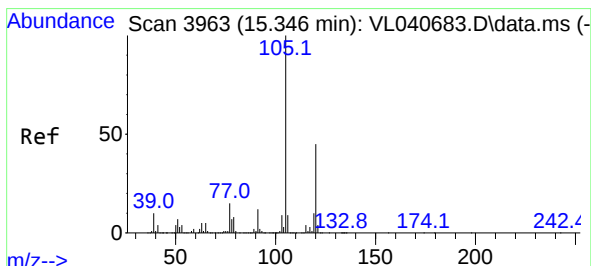
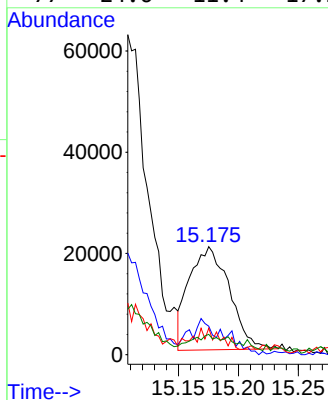
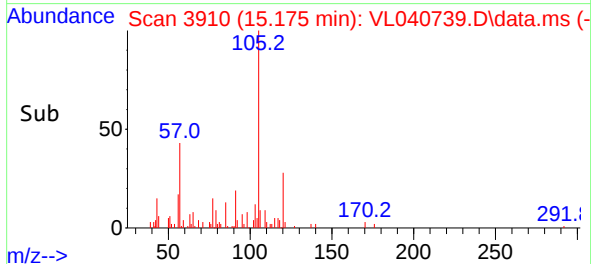


#72
4-Ethyltoluene
Concen: 0.159 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.026 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53

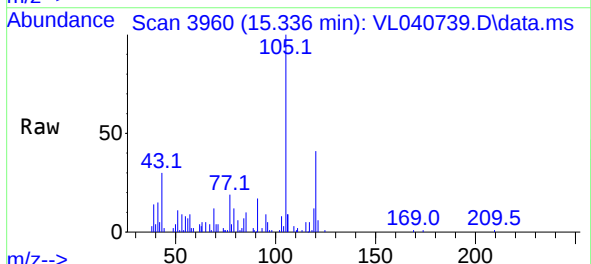
Instrument :
MSVOA_L
ClientSampleId :



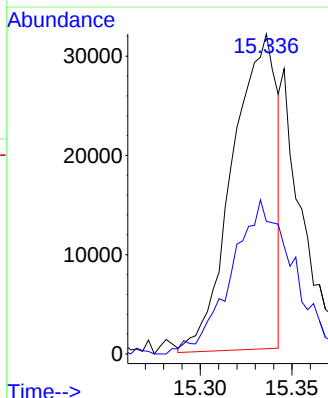
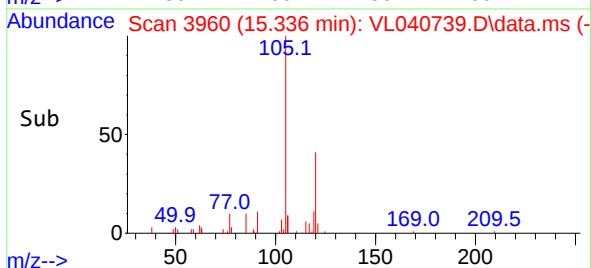
Tgt Ion:105 Resp: 47430
Ion Ratio Lower Upper
105 100
120 31.9 23.9 35.9
91 12.2 11.0 16.4
77 24.6 11.4 17.2#

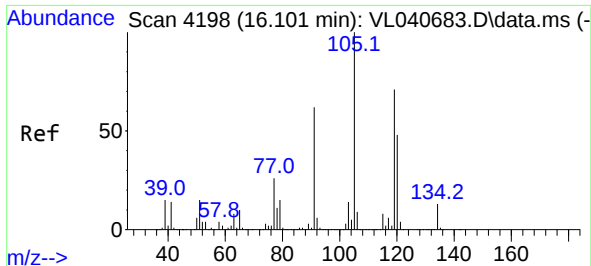


#73
1,3,5-Trimethylbenzene
Concen: 0.198 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040739.D
Acq: 4 Oct 2023 13:53



Tgt Ion:105 Resp: 53163
Ion Ratio Lower Upper
105 100
120 40.6 36.1 54.1





#74

1,2,4-Trimethylbenzene

Concen: 0.346 ppbv

RT: 16.092 min Scan# 41

Delta R.T. -0.026 min

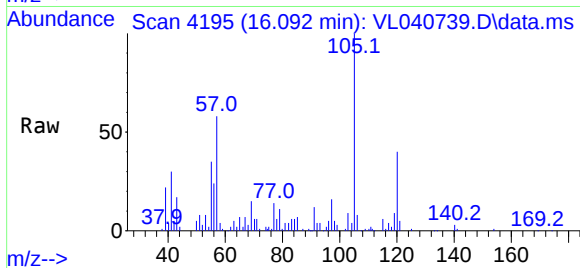
Lab File: VL040739.D

Acq: 4 Oct 2023 13:53

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:105 Resp: 113362

Ion Ratio Lower Upper

105 100

120 40.7 38.6 57.8

91 9.1 50.0 75.0#

77 10.1 20.6 31.0#

