

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041740.D
 Acq On : 12 Dec 2024 08:59
 Operator : SY/MD
 Sample : P5150-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 14:22:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	252280	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	1219819	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1070761	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	716714	10.182	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	18213	0.411	ppbv	99
3) Chlorodifluoromethane	1.470	51	22132	0.644	ppbv #	76
4) Chloromethane	1.525	50	5401	0.460	ppbv	95
9) Propene	1.554	41	13410	0.916	ppbv	87
10) Heptane	4.959	43	45389	1.121	ppbv	96
11) Trichlorofluoromethane	1.871	101	10869	0.213	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.130	101	2916	0.064	ppbv	91
13) Ethanol	1.712	45	172954	142.783	ppbv	96
15) Acetone	1.826	43	894029	30.694	ppbv	99
16) 1,3-Butadiene	1.593	39	1794	0.184	ppbv #	54
17) tert-Butyl alcohol	2.263	59	31195	0.739	ppbv	97
19) Isopropyl Alcohol	1.877	45	54449	1.968	ppbv #	1
20) Methylene Chloride	2.052	84	6467	0.367	ppbv	98
21) Allyl Chloride	2.046	41	46289	2.822	ppbv #	23
23) Vinyl Acetate	2.463	43	38917	2.206	ppbv #	52
25) Ethyl Acetate	4.959	43	45389	1.121	ppbv #	96
26) Hexane	2.813	57	121623	3.098	ppbv #	47
29) Chloroform	2.835	83	26115	0.435	ppbv	99
30) Cyclohexane	3.839	84	31875	0.723	ppbv	97
34) 2-Butanone	2.463	43	38917	0.911	ppbv #	45
35) Carbon Tetrachloride	3.748	117	3454	0.061	ppbv	88
36) Benzene	3.641	78	52020	0.542	ppbv	98
38) Trichloroethene	4.525	130	5929	0.119	ppbv #	88
39) 1,2-Dichloropropane	3.939	63	199804	6.538	ppbv #	33
41) Tetrahydrofuran	3.059	42	1606	0.062	ppbv #	89
44) 2,2,4-Trimethylpentane	4.622	57	20866	0.156	ppbv #	63
51) 2-Hexanone	7.399	43	4487	0.089	ppbv #	16
52) Tetrachloroethene	8.211	164	10600	0.209	ppbv	96
53) Toluene	6.914	91	208509	1.769	ppbv	99
57) Chlorobenzene	8.849	112	3495	0.036	ppbv #	73
58) Ethyl Benzene	9.341	91	80883	0.564	ppbv	92
59) m/p-Xylene	9.519	91	177369	1.615	ppbv	98
60) o-Xylene	9.950	91	70636	0.649	ppbv	97
62) Isopropylbenzene	10.526	105	14408	0.080	ppbv	93
64) n-propylbenzene	10.982	120	8886	0.168	ppbv	81
65) tert-Butylbenzene	11.875	119	10768	0.063	ppbv	92
66) Benzyl Chloride	10.849	91	7121	0.058	ppbv #	55
67) sec-Butylbenzene	11.762	105	10282	0.047	ppbv #	80
69) p-Isopropyltoluene	11.917	119	9966	0.052	ppbv #	90
70) n-Butylbenzene	12.273	91	11390	0.072	ppbv #	52
72) 4-Ethyltoluene	11.115	105	31686	0.225	ppbv #	52
73) 1,3,5-Trimethylbenzene	11.196	105	26075	0.229	ppbv	98
74) 1,2,4-Trimethylbenzene	11.529	105	89611	0.725	ppbv #	67

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041740.D
Acq On : 12 Dec 2024 08:59
Operator : SY/MD
Sample : P5150-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

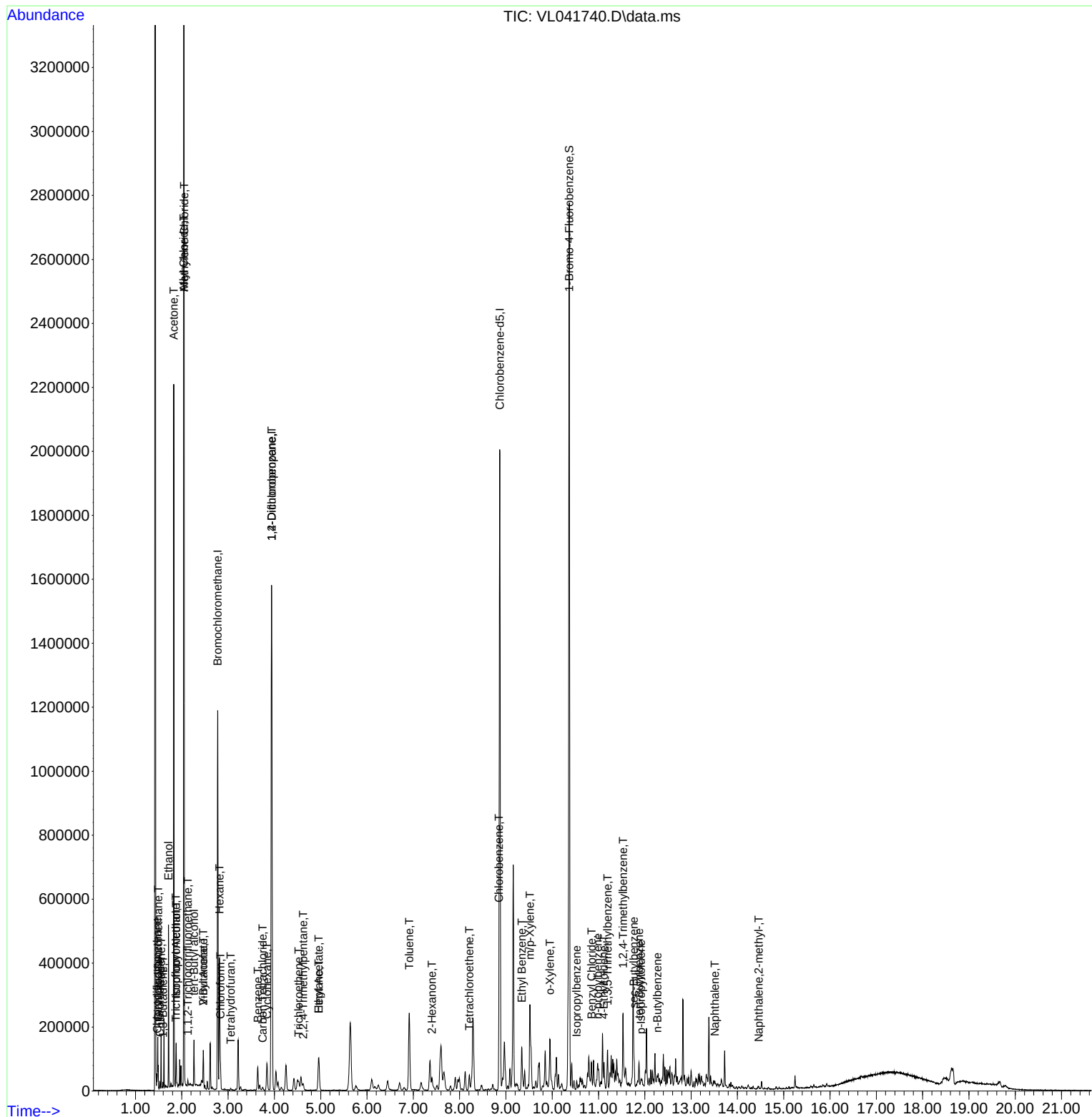
Quant Time: Dec 12 14:22:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

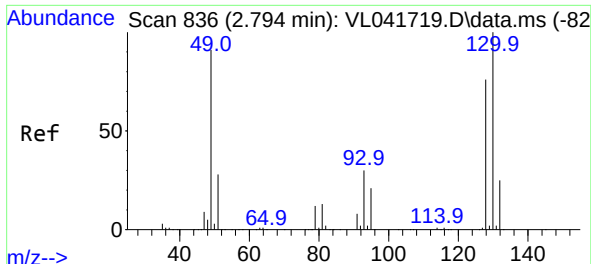
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	13.510	128	8736	0.083	ppbv	96
80) Naphthalene,2-methyl-	14.461	142	2512	0.066	ppbv #	81

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

Instrument :
MSVOA_L
ClientSampleId :

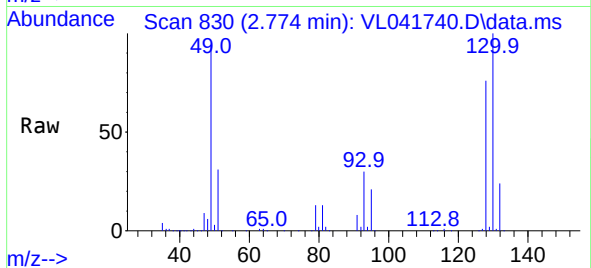
Quant Time: Dec 12 14:22:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration



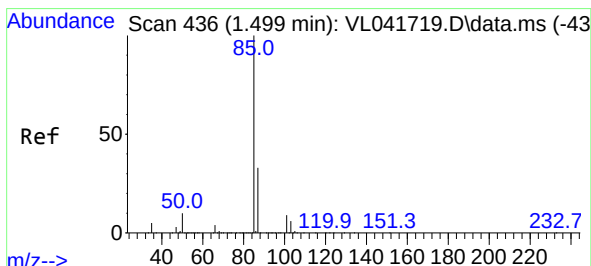
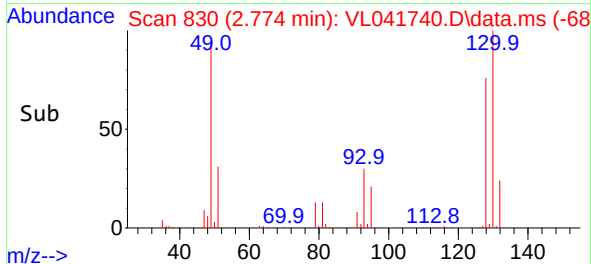
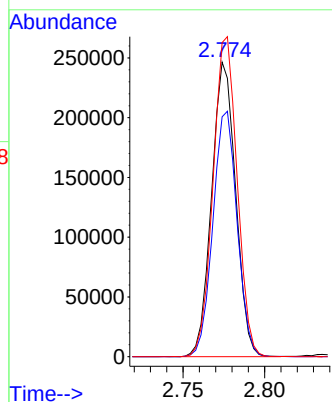


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 81
Delta R.T. -0.020 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

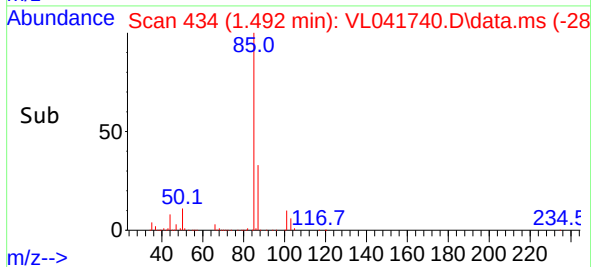
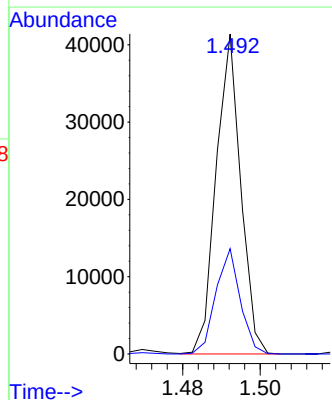
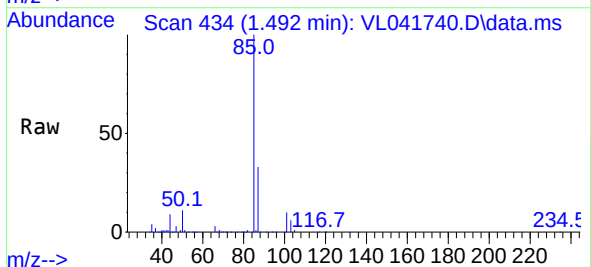


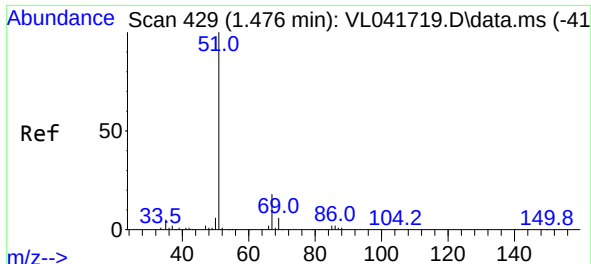
Tgt Ion: 49 Resp: 252280
Ion Ratio Lower Upper
49 100
128 84.0 42.8 128.3
130 108.9 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 0.411 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.007 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 85 Resp: 18213
Ion Ratio Lower Upper
85 100
87 32.9 26.6 39.8

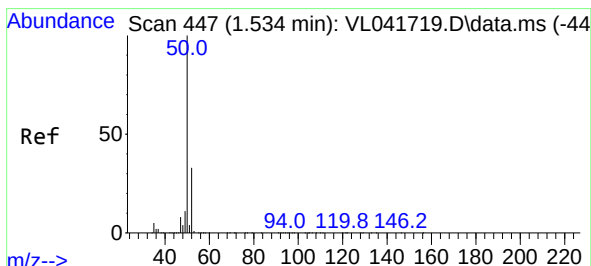
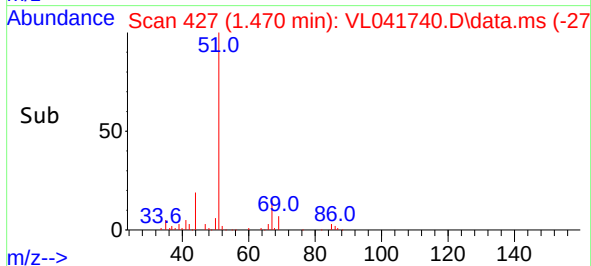
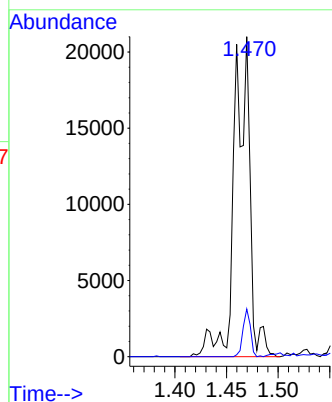
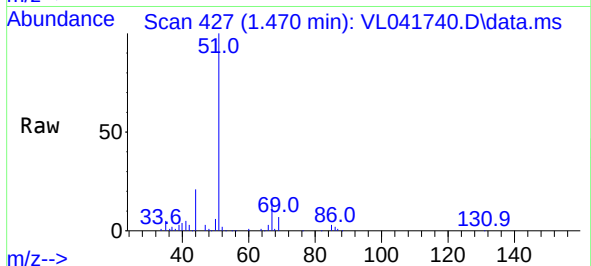




#3
Chlorodifluoromethane
Concen: 0.644 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

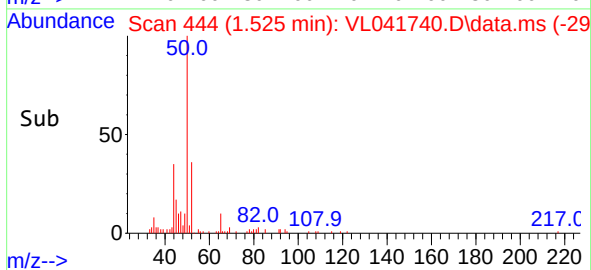
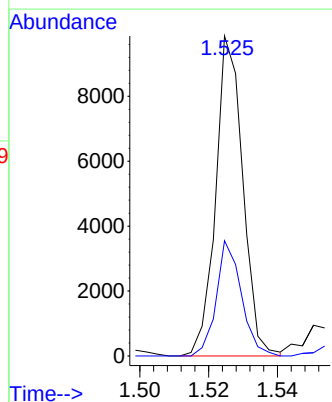
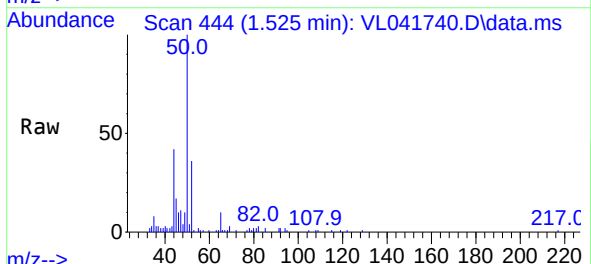
Instrument :
MSVOA_L
ClientSampleId :

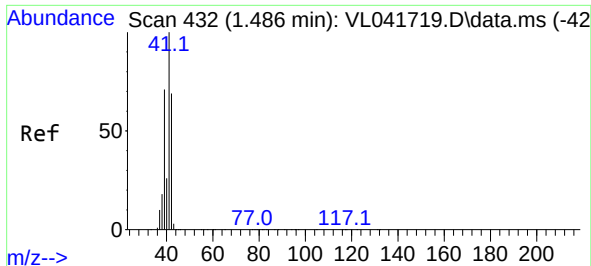
Tgt Ion: 51 Resp: 22132
Ion Ratio Lower Upper
51 100
67 7.3 14.6 21.8#



#4
Chloromethane
Concen: 0.460 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.010 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 50 Resp: 5401
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0

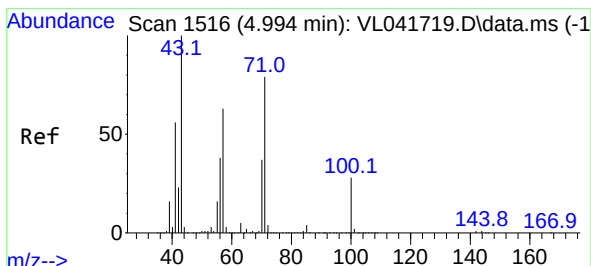
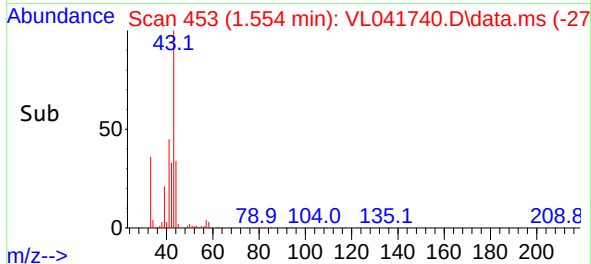
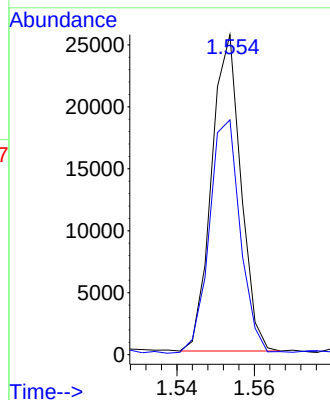
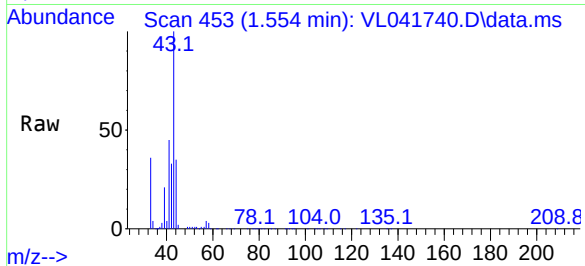




#9
Propene
Concen: 0.916 ppbv
RT: 1.554 min Scan# 41
Delta R.T. 0.068 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

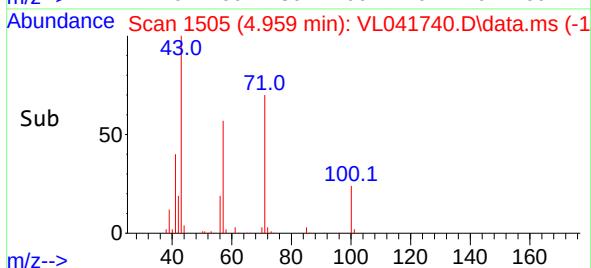
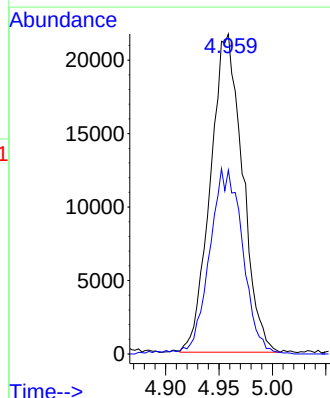
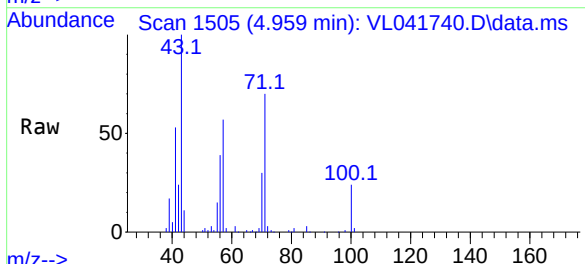
Instrument :
MSVOA_L
ClientSampleId :

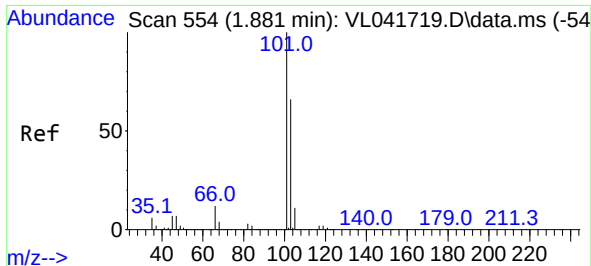
Tgt Ion: 41 Resp: 13410
Ion Ratio Lower Upper
41 100
42 80.9 56.2 84.4



#10
Heptane
Concen: 1.121 ppbv
RT: 4.959 min Scan# 1505
Delta R.T. -0.036 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 43 Resp: 45389
Ion Ratio Lower Upper
43 100
57 60.3 50.5 75.7

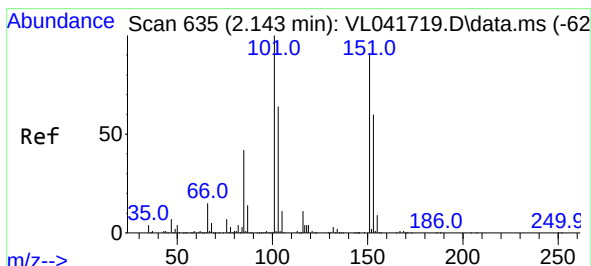
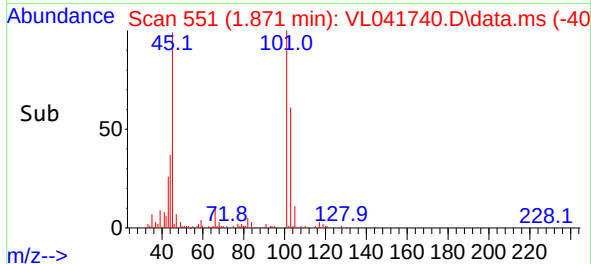
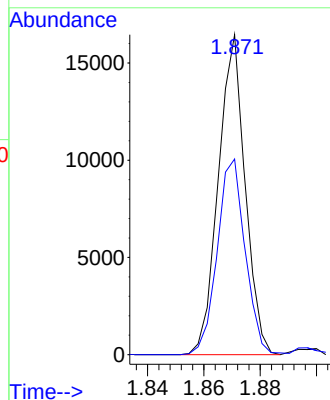
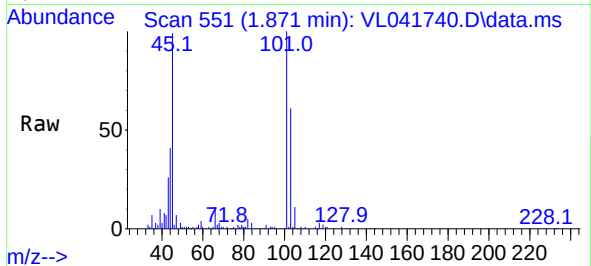




#11
 Trichlorofluoromethane
 Concen: 0.213 ppbv
 RT: 1.871 min Scan# 511
 Delta R.T. -0.010 min
 Lab File: VL041740.D
 Acq: 12 Dec 2024 08:59

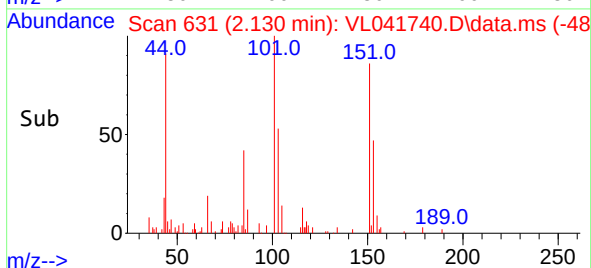
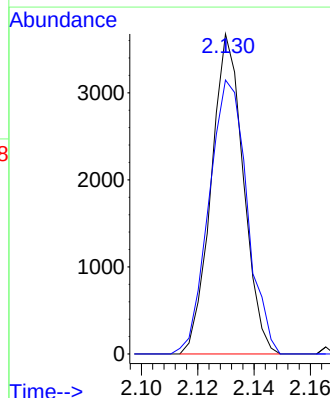
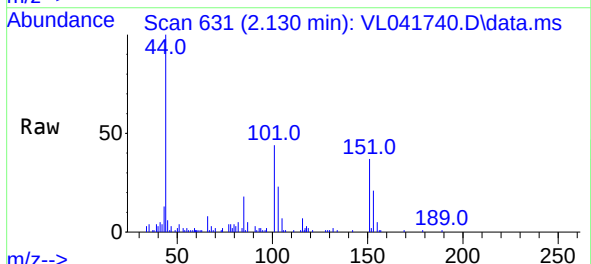
Instrument :
 MSVOA_L
 ClientSampleId :

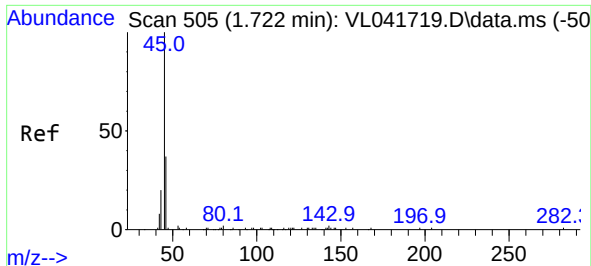
Tgt Ion:101 Resp: 10869
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.064 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.013 min
 Lab File: VL041740.D
 Acq: 12 Dec 2024 08:59

Tgt Ion:101 Resp: 2916
 Ion Ratio Lower Upper
 101 100
 151 101.4 74.4 111.6

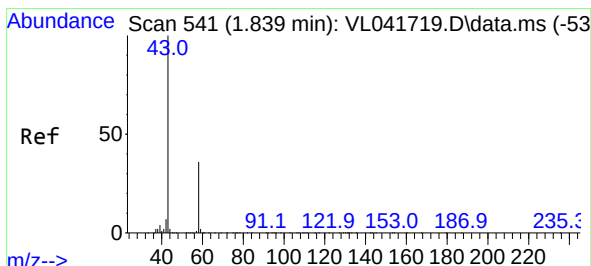
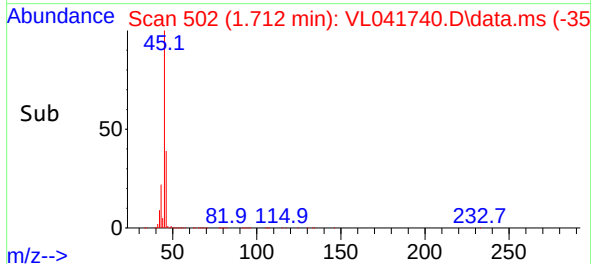
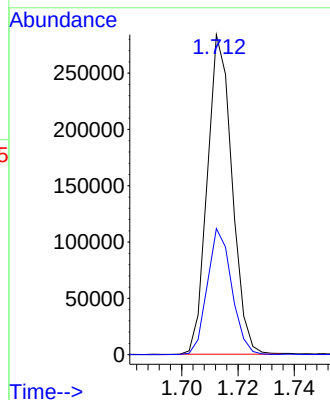
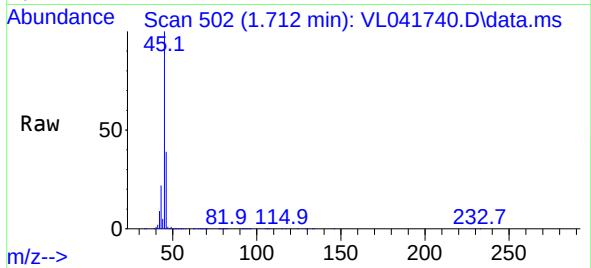




#13
Ethanol
Concen: 142.783 ppbv
RT: 1.712 min Scan# 50
Delta R.T. -0.010 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

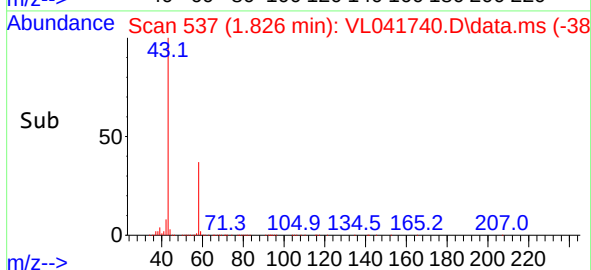
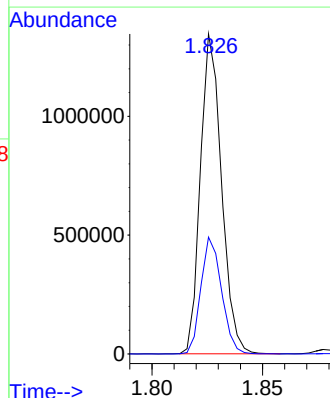
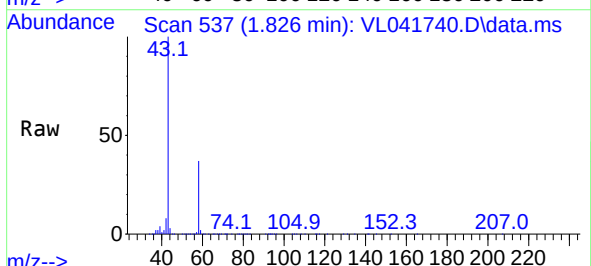
Instrument :
MSVOA_L
ClientSampleId :

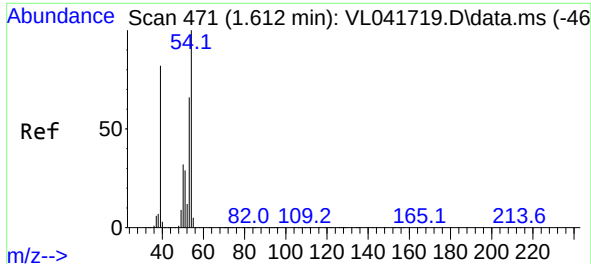
Tgt Ion: 45 Resp: 172954
Ion Ratio Lower Upper
45 100
46 39.3 16.6 66.6



#15
Acetone
Concen: 30.694 ppbv
RT: 1.826 min Scan# 537
Delta R.T. -0.013 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 43 Resp: 894029
Ion Ratio Lower Upper
43 100
58 35.7 28.9 43.3

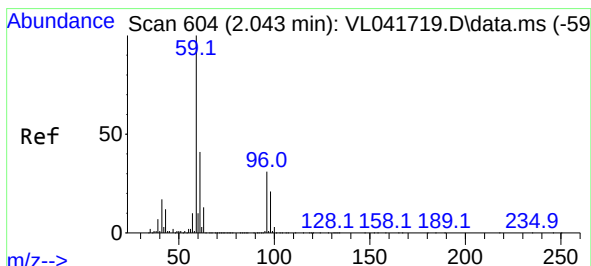
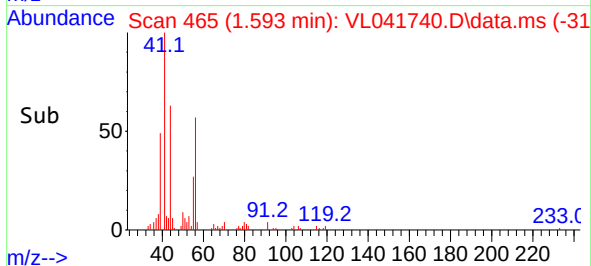
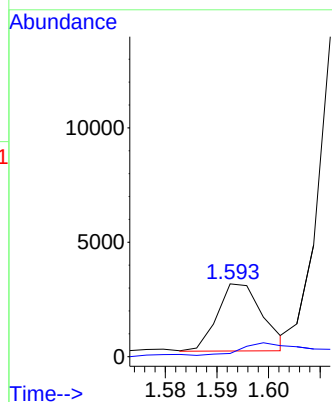
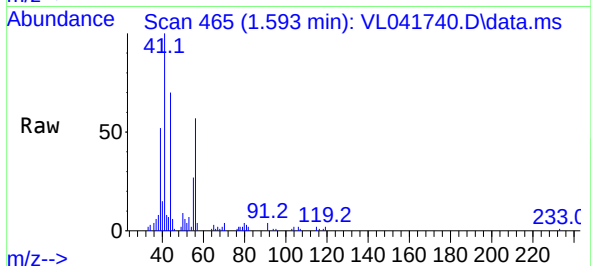




#16
1,3-Butadiene
Concen: 0.184 ppbv
RT: 1.593 min Scan# 411
Delta R.T. -0.020 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

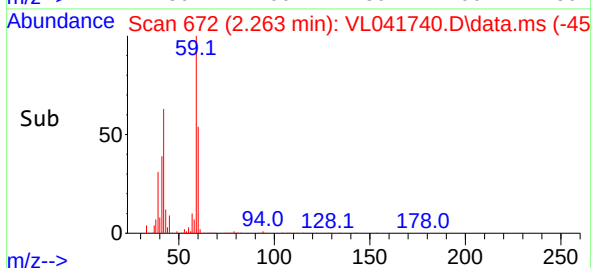
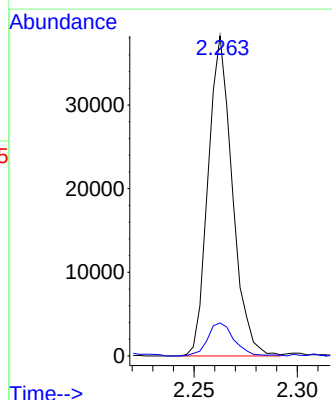
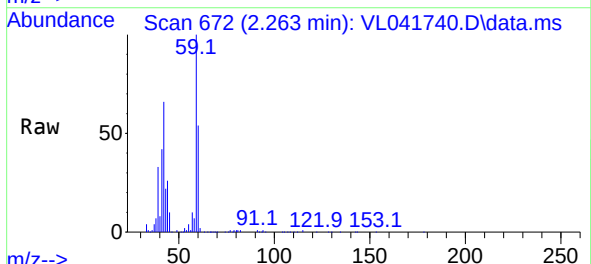
Instrument :
MSVOA_L
ClientSampleId :

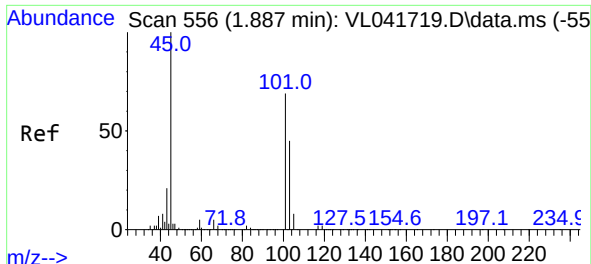
Tgt Ion: 39 Resp: 1794
Ion Ratio Lower Upper
39 100
54 58.4 85.0 127.6#



#17
tert-Butyl alcohol
Concen: 0.739 ppbv
RT: 2.263 min Scan# 672
Delta R.T. 0.220 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 59 Resp: 31195
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4





#19

Isopropyl Alcohol

Concen: 1.968 ppbv

RT: 1.877 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Instrument :

MSVOA_L

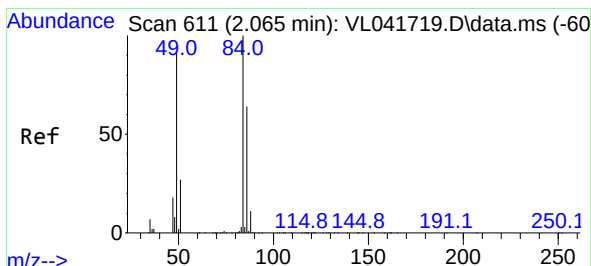
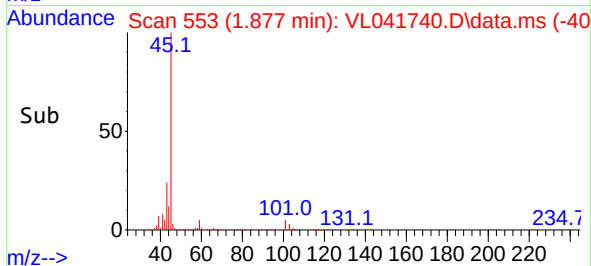
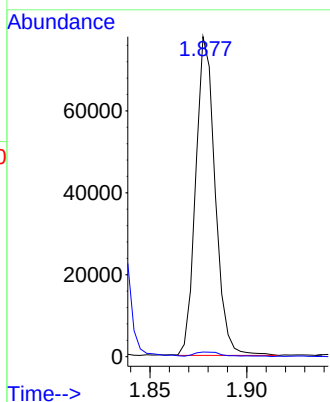
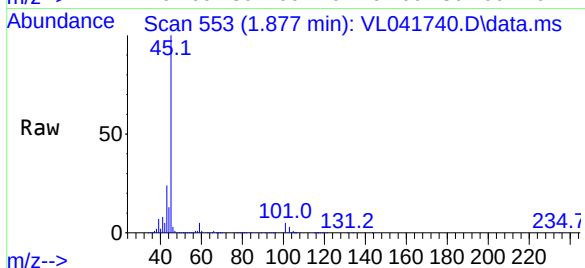
ClientSampleId :

Tgt Ion: 45 Resp: 54449

Ion Ratio Lower Upper

45 100

58 587.2 40.6 61.0#



#20

Methylene Chloride

Concen: 0.367 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.013 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Tgt Ion: 84 Resp: 6467

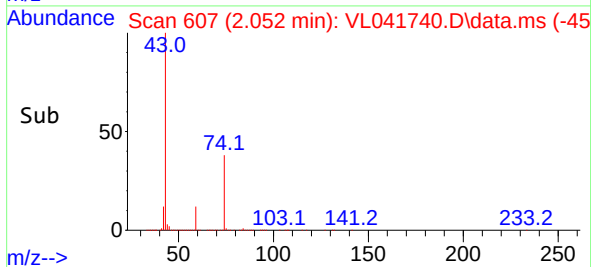
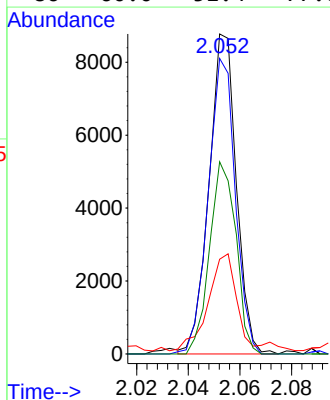
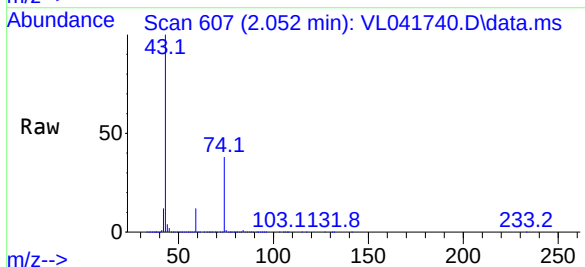
Ion Ratio Lower Upper

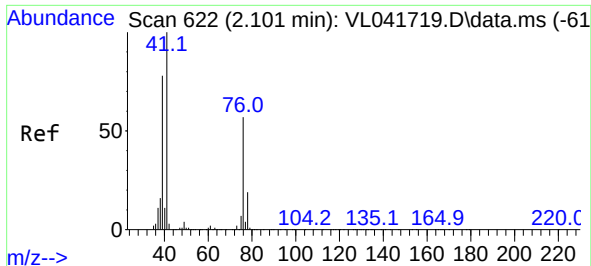
84 100

49 92.4 73.6 110.4

51 28.1 22.7 34.1

86 60.0 51.4 77.0

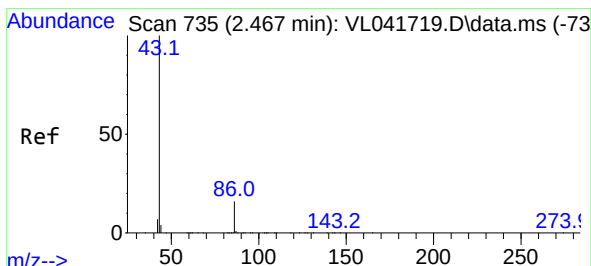
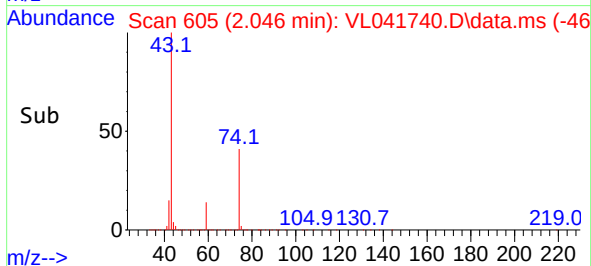
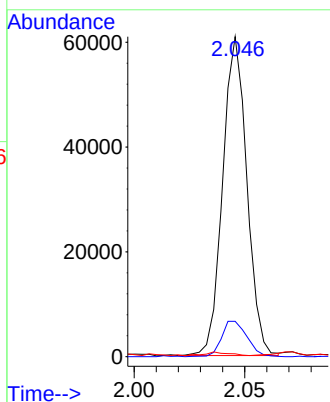
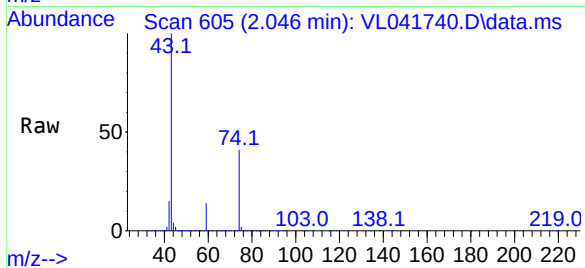




#21
Allyl Chloride
Concen: 2.822 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.055 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

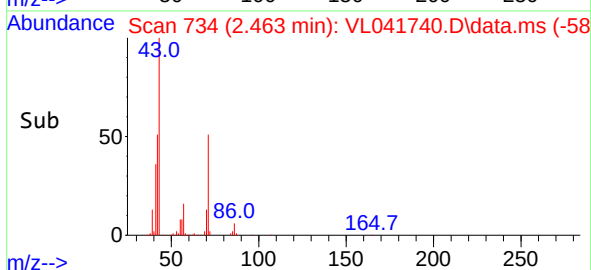
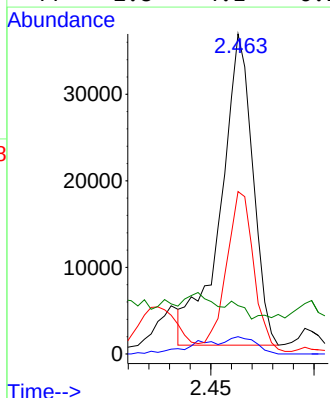
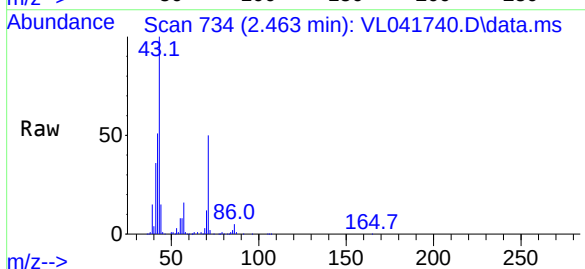
Instrument :
MSVOA_L
ClientSampleId :

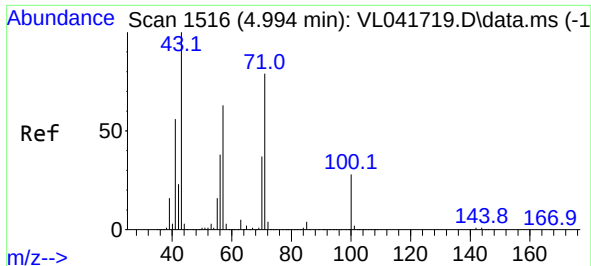
Tgt Ion: 41 Resp: 46289
Ion Ratio Lower Upper
41 100
76 12.0 44.2 66.2#
39 0.0 62.8 94.2#



#23
Vinyl Acetate
Concen: 2.206 ppbv
RT: 2.463 min Scan# 734
Delta R.T. -0.003 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 43 Resp: 38917
Ion Ratio Lower Upper
43 100
86 5.5 11.5 17.3#
42 50.6 6.6 10.0#
44 2.8 4.1 6.1#



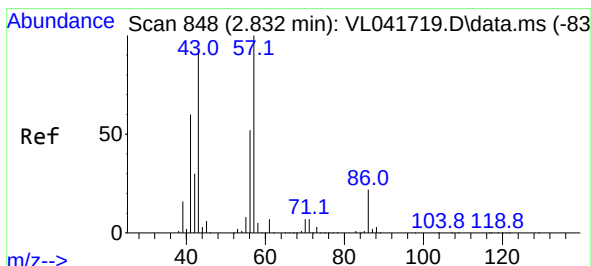
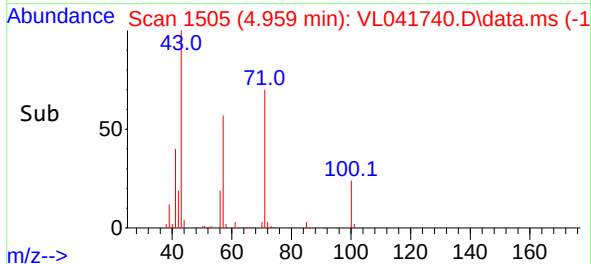
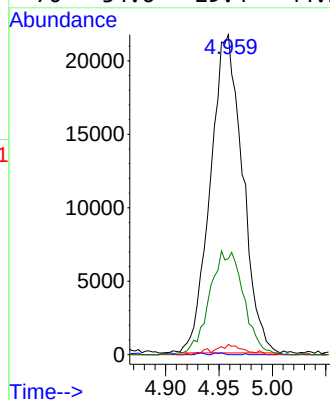
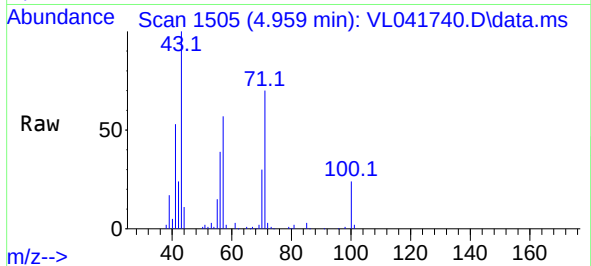


#25
Ethyl Acetate
Concen: 1.121 ppbv
RT: 4.959 min Scan# 11
Delta R.T. -0.036 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 45389

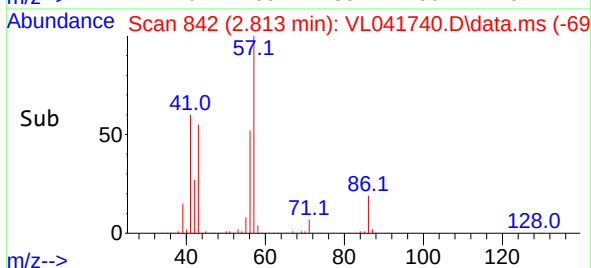
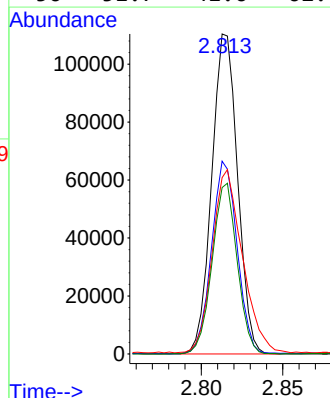
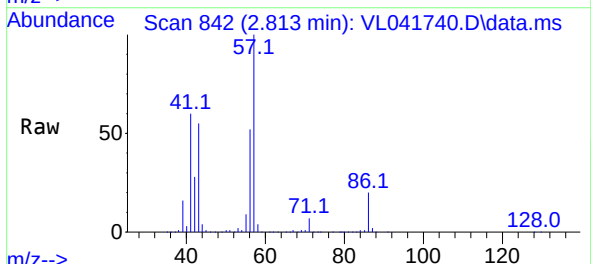
Ion	Ratio	Lower	Upper
43	100		
45	0.2	0.0	0.0#
61	3.0	0.4	0.6#
70	34.6	29.4	44.2

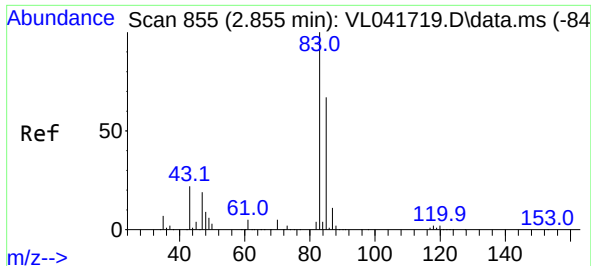


#26
Hexane
Concen: 3.098 ppbv
RT: 2.813 min Scan# 842
Delta R.T. -0.020 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 57 Resp: 121623

Ion	Ratio	Lower	Upper
57	100		
41	59.4	49.5	74.3
43	66.5	150.6	225.8#
56	51.7	41.6	62.4





#29

Chloroform

Concen: 0.435 ppbv

RT: 2.835 min Scan# 84

Delta R.T. -0.020 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Instrument :

MSVOA_L

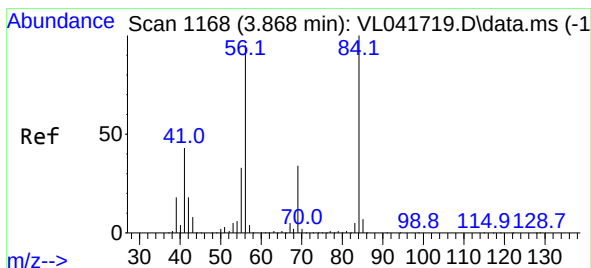
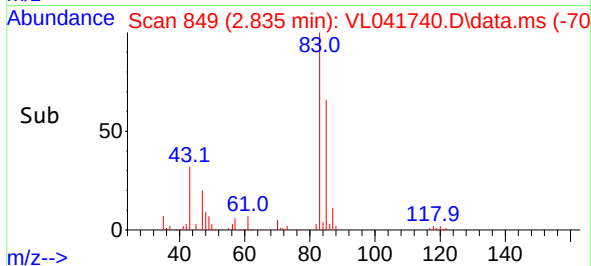
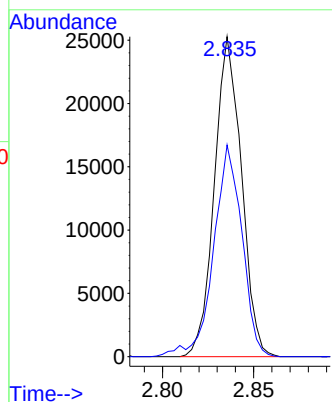
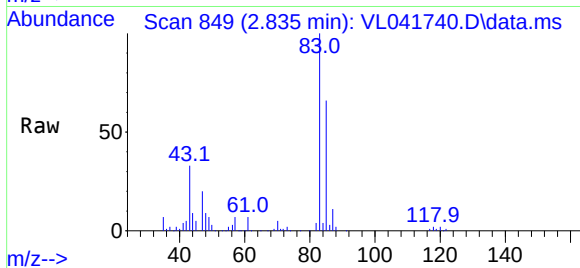
ClientSampleId :

Tgt Ion: 83 Resp: 26115

Ion Ratio Lower Upper

83 100

85 66.1 53.6 80.4



#30

Cyclohexane

Concen: 0.723 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. -0.029 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

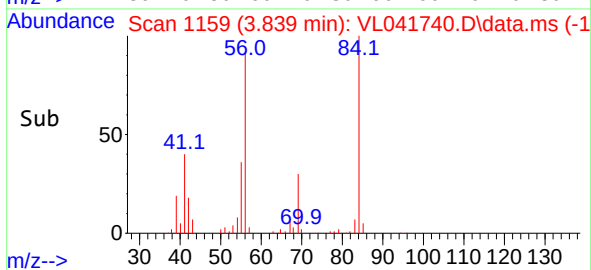
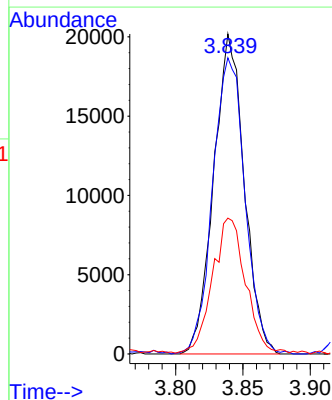
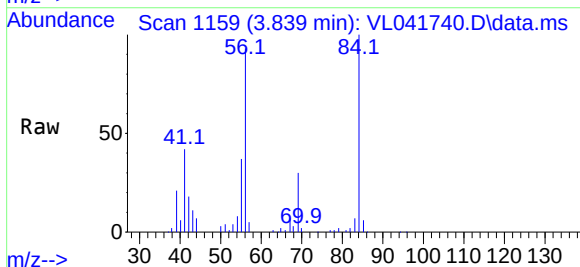
Tgt Ion: 84 Resp: 31875

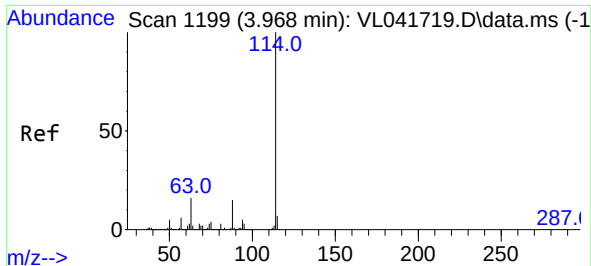
Ion Ratio Lower Upper

84 100

56 97.8 76.0 114.0

41 44.5 34.2 51.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.939 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Instrument :

MSVOA_L

ClientSampleId :

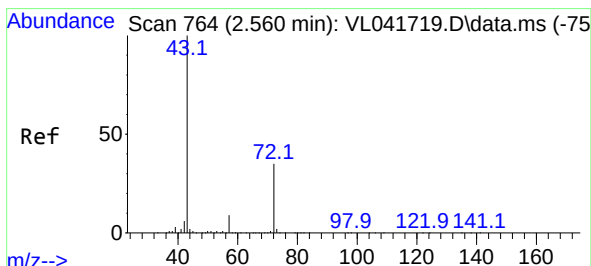
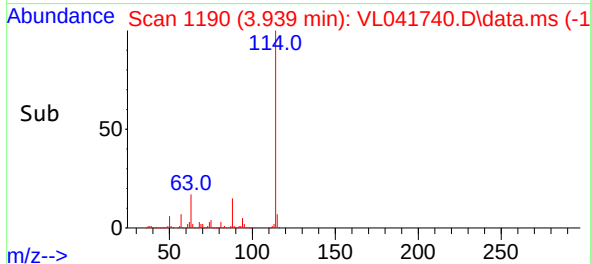
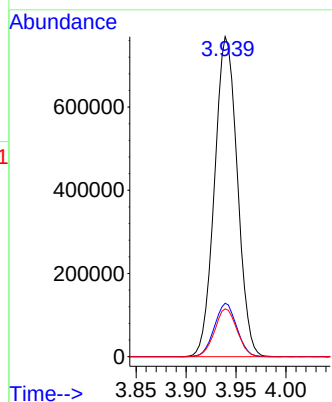
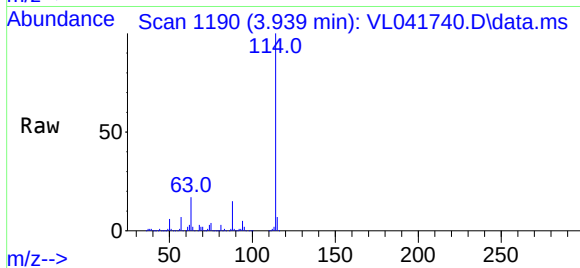
Tgt Ion:114 Resp: 1219819

Ion Ratio Lower Upper

114 100

63 16.4 12.9 19.3

88 14.8 11.8 17.6



#34

2-Butanone

Concen: 0.911 ppbv

RT: 2.463 min Scan# 734

Delta R.T. -0.097 min

Lab File: VL041740.D

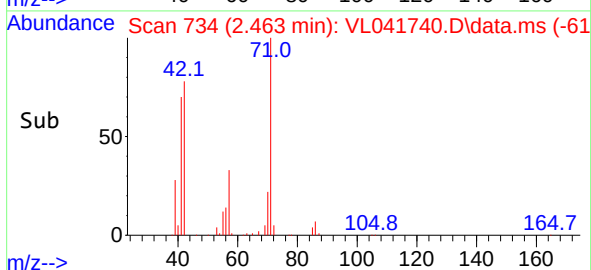
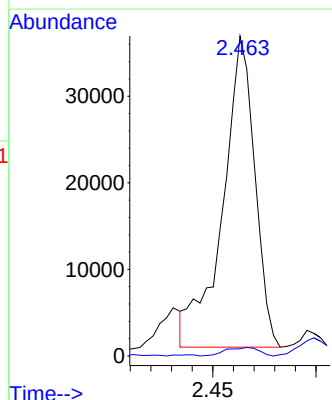
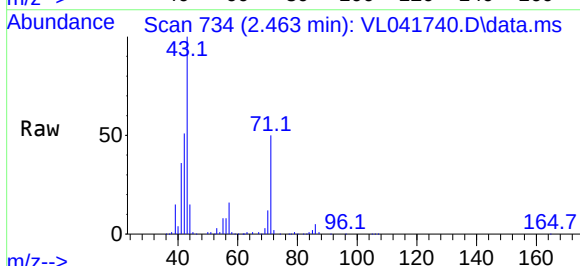
Acq: 12 Dec 2024 08:59

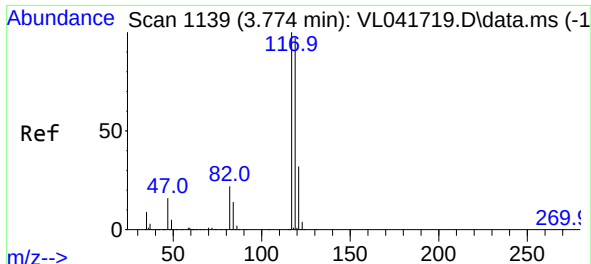
Tgt Ion: 43 Resp: 38917

Ion Ratio Lower Upper

43 100

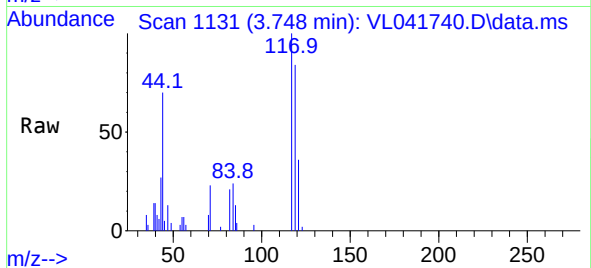
72 3.4 28.3 42.5#



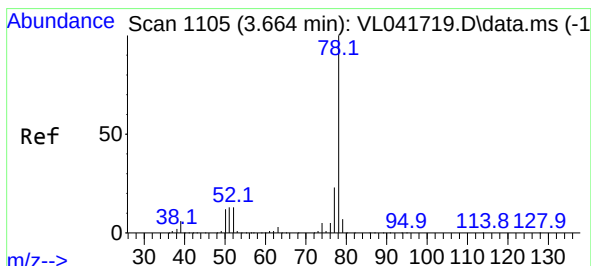
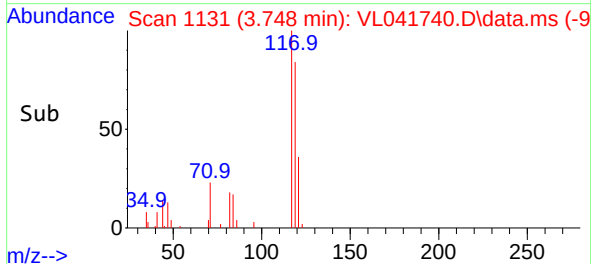
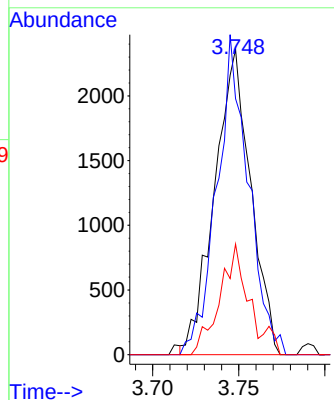


#35
Carbon Tetrachloride
Concen: 0.061 ppbv
RT: 3.748 min Scan# 1139
Delta R.T. -0.026 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

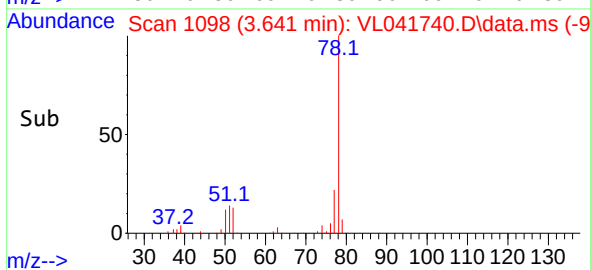
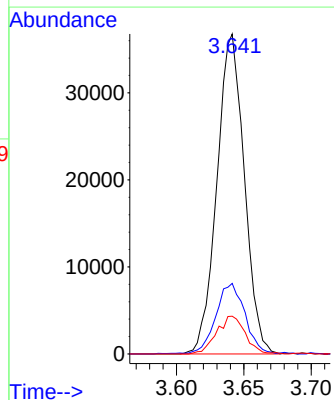
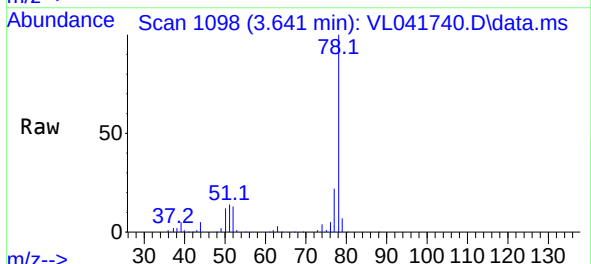


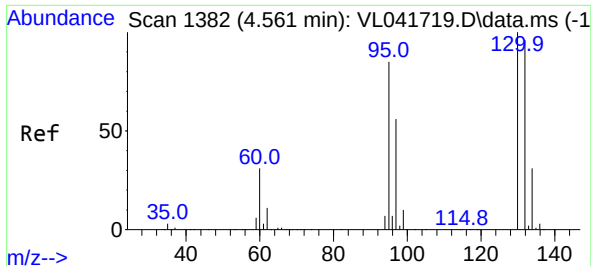
Tgt Ion:117 Resp: 3454
Ion Ratio Lower Upper
117 100
119 83.8 77.7 116.5
121 36.2 25.5 38.3



#36
Benzene
Concen: 0.542 ppbv
RT: 3.641 min Scan# 1098
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 78 Resp: 52020
Ion Ratio Lower Upper
78 100
77 21.8 18.6 27.8
50 11.8 9.5 14.3





#38

Trichloroethene

Concen: 0.119 ppbv

RT: 4.525 min Scan# 1190

Delta R.T. -0.036 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:130 Resp: 5929

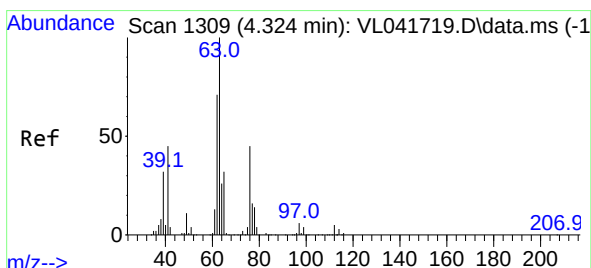
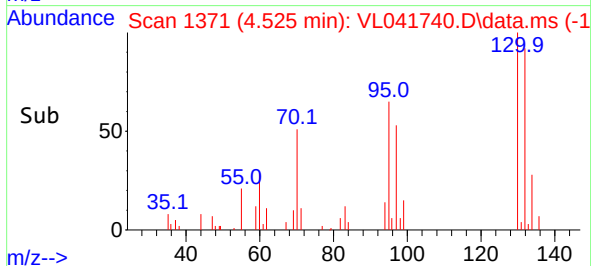
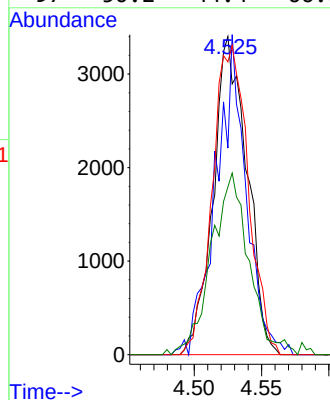
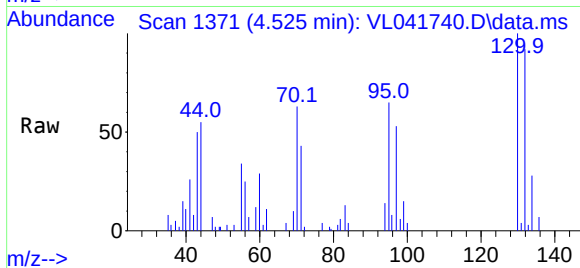
Ion Ratio Lower Upper

130 100

95 63.0 68.0 102.0#

132 92.1 76.5 114.7

97 50.2 44.4 66.6



#39

1,2-Dichloropropane

Concen: 6.538 ppbv

RT: 3.939 min Scan# 1190

Delta R.T. -0.385 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

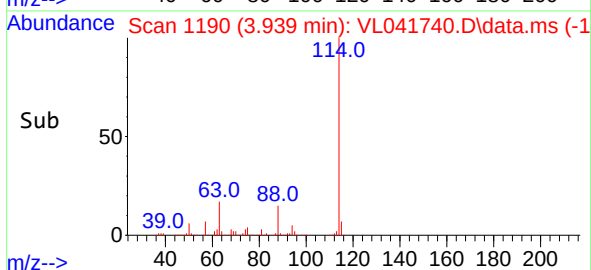
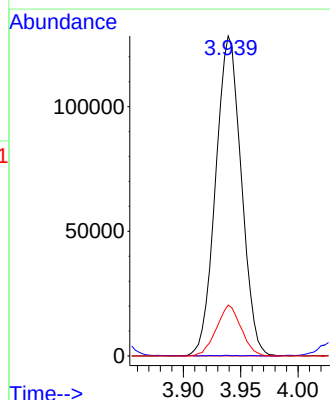
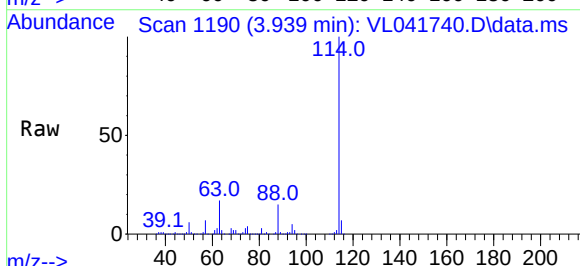
Tgt Ion: 63 Resp: 199804

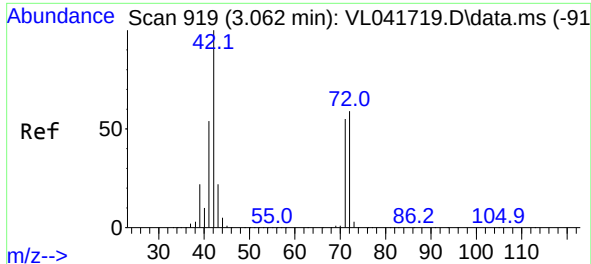
Ion Ratio Lower Upper

63 100

41 0.2 36.4 54.6#

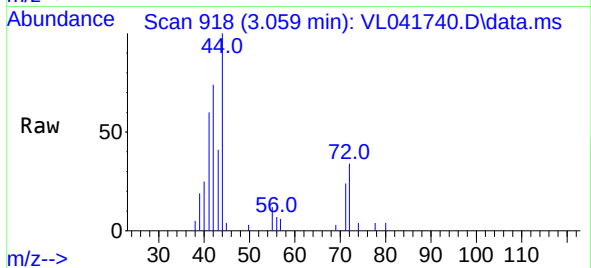
62 15.9 56.6 85.0#



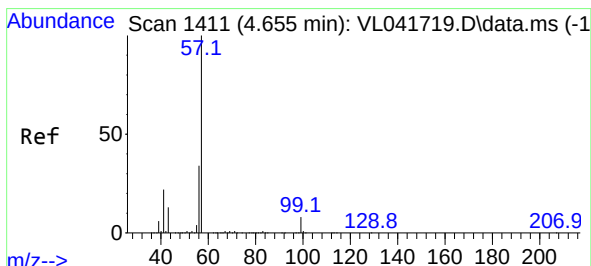
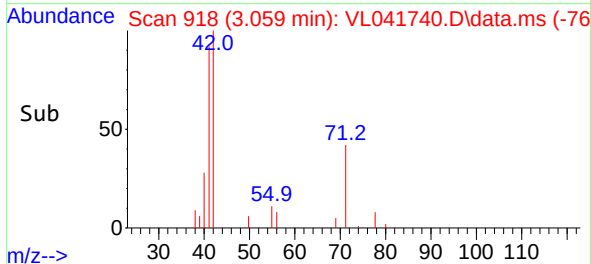
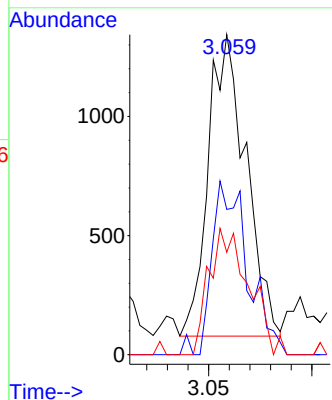


#41
Tetrahydrofuran
Concen: 0.062 ppbv
RT: 3.059 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

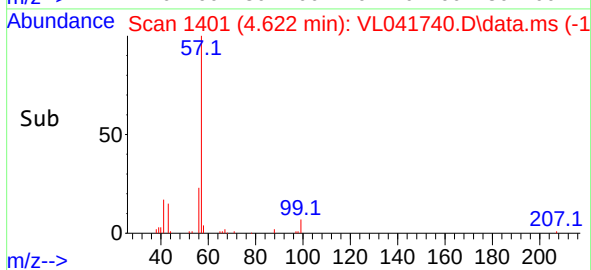
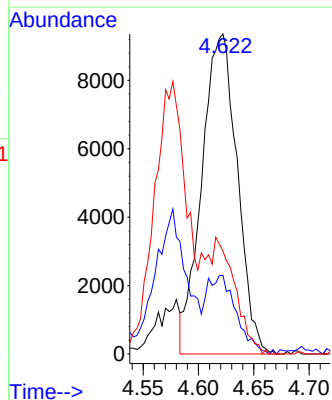
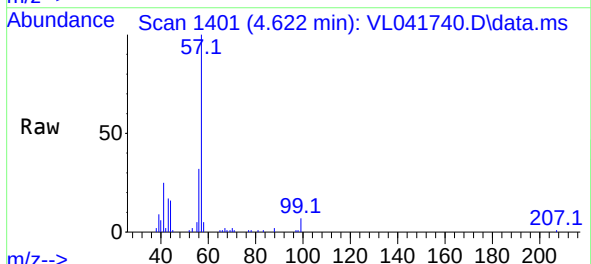


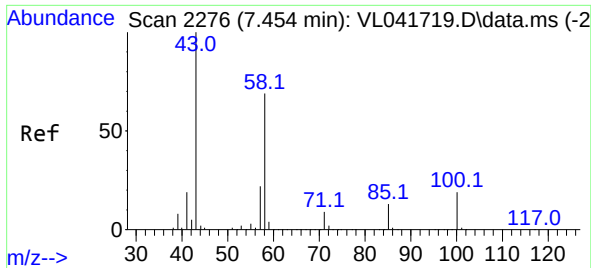
Tgt Ion: 42 Resp: 1606
Ion Ratio Lower Upper
42 100
72 54.5 47.4 71.0
71 44.2 44.4 66.6#



#44
2,2,4-Trimethylpentane
Concen: 0.156 ppbv
RT: 4.622 min Scan# 1401
Delta R.T. -0.033 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 57 Resp: 20866
Ion Ratio Lower Upper
57 100
41 19.9 17.2 25.8
56 0.0 26.6 40.0#

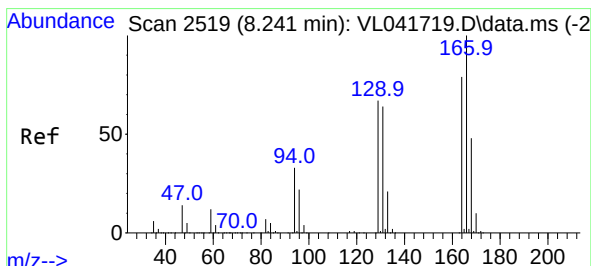
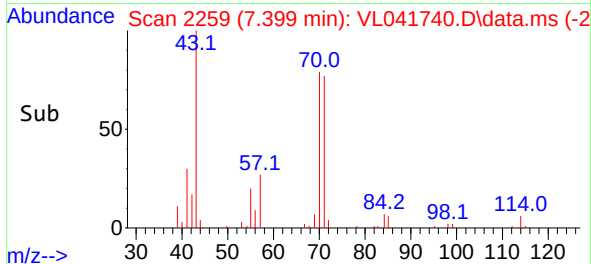
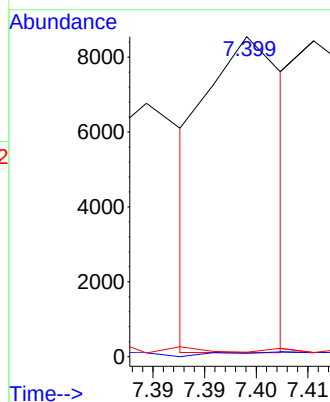
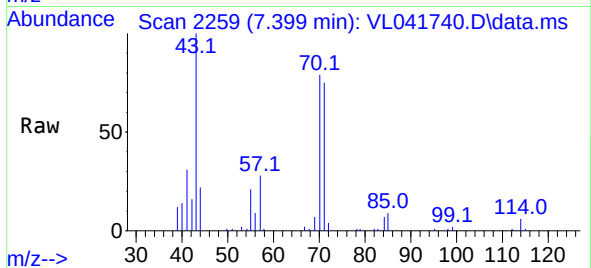




#51
2-Hexanone
Concen: 0.089 ppbv
RT: 7.399 min Scan# 2110
Delta R.T. -0.055 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

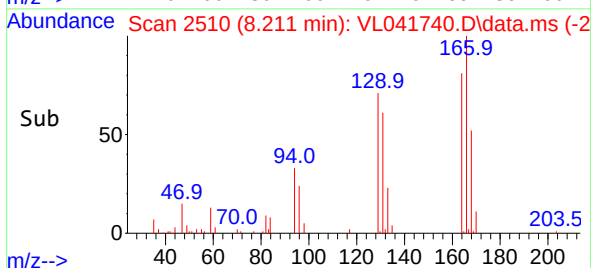
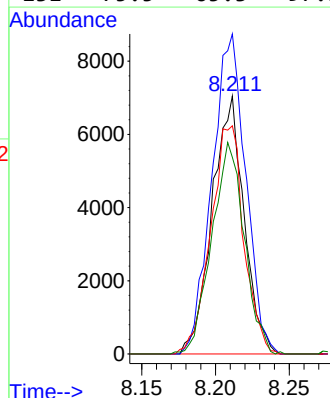
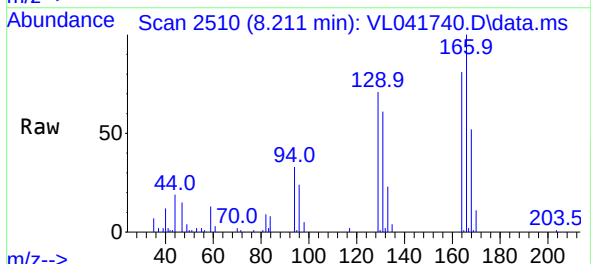
Instrument :
MSVOA_L
ClientSampleId :

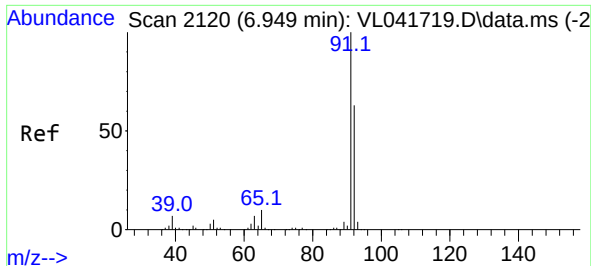
Tgt Ion: 43 Resp: 4487
Ion Ratio Lower Upper
43 100
58 0.0 54.2 81.4#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.209 ppbv
RT: 8.211 min Scan# 2510
Delta R.T. -0.029 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion:164 Resp: 10600
Ion Ratio Lower Upper
164 100
166 124.0 101.4 152.0
129 88.4 67.6 101.4
131 75.5 65.3 97.9

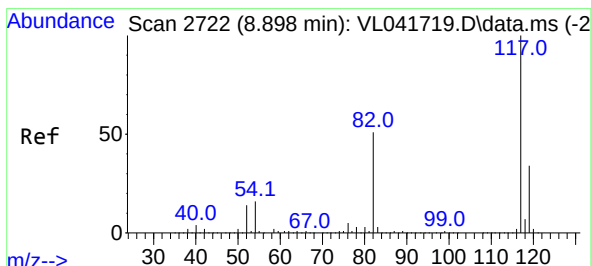
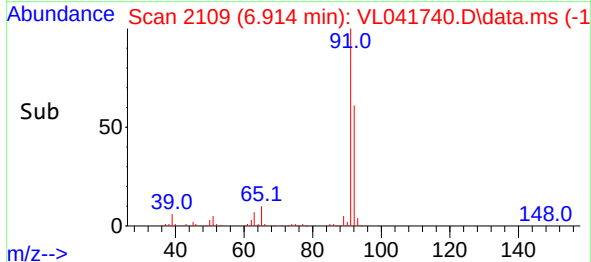
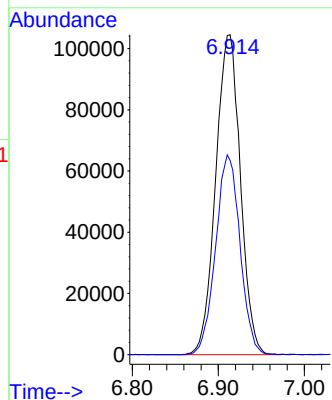
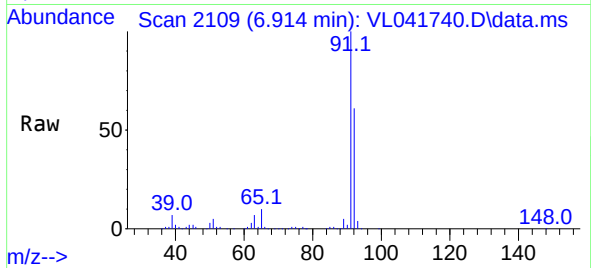




#53
Toluene
Concen: 1.769 ppbv
RT: 6.914 min Scan# 2120
Delta R.T. -0.036 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

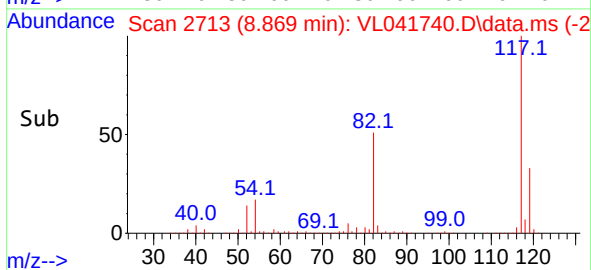
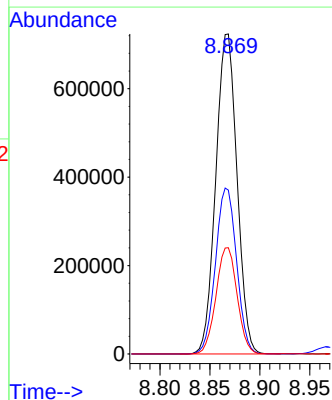
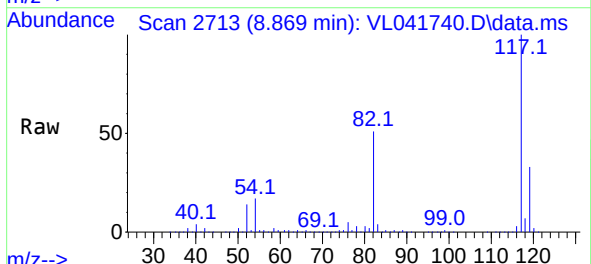
Instrument :
MSVOA_L
ClientSampleId :

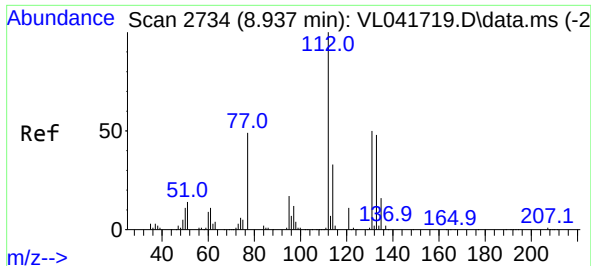
Tgt Ion: 91 Resp: 208509
Ion Ratio Lower Upper
91 100
92 61.7 49.7 74.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2713
Delta R.T. -0.029 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

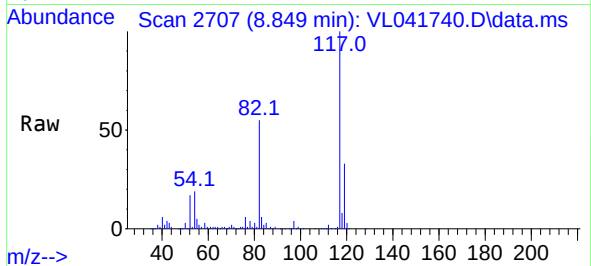
Tgt Ion: 117 Resp: 1070761
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 33.1 25.8 38.8



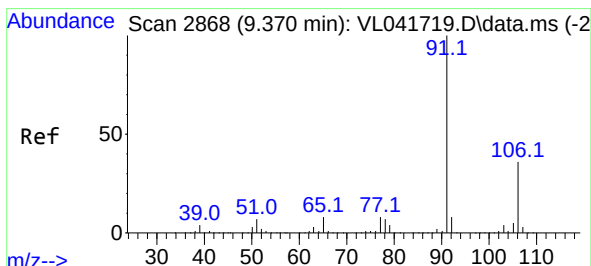
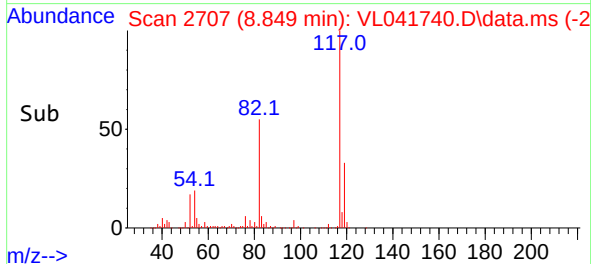
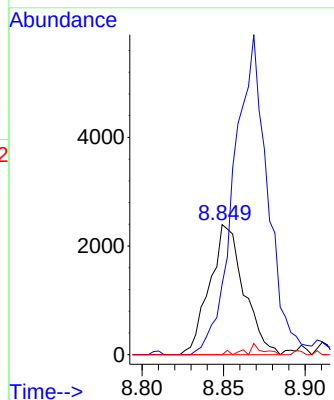


#57
Chlorobenzene
Concen: 0.036 ppbv
RT: 8.849 min Scan# 21
Delta R.T. -0.088 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

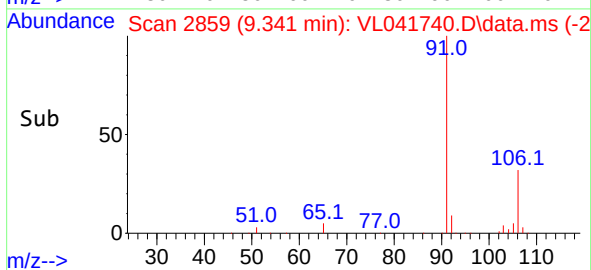
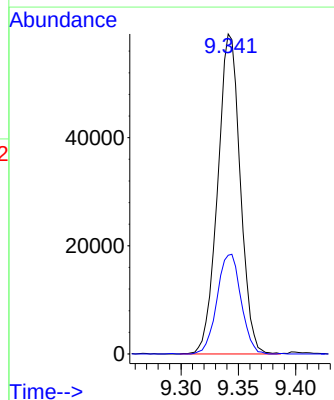
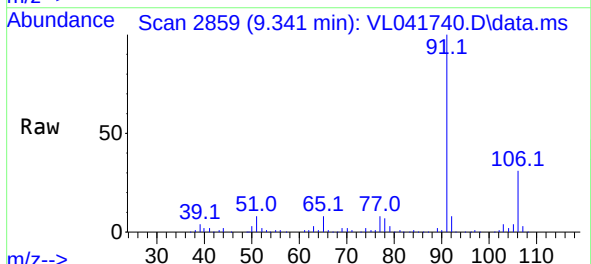


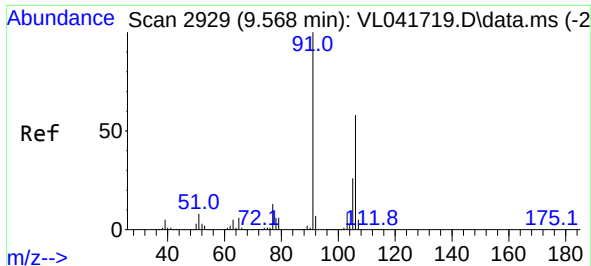
Tgt Ion:112 Resp: 3495
Ion Ratio Lower Upper
112 100
77 54.2 40.1 60.1
114 0.0 30.2 36.9#



#58
Ethyl Benzene
Concen: 0.564 ppbv
RT: 9.341 min Scan# 2859
Delta R.T. -0.029 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 91 Resp: 80883
Ion Ratio Lower Upper
91 100
106 30.9 28.6 43.0





#59

m/p-Xylene

Concen: 1.615 ppbv

RT: 9.519 min Scan# 29

Delta R.T. -0.049 min

Lab File: VL041740.D

Acq: 12 Dec 2024 08:59

Instrument :

MSVOA_L

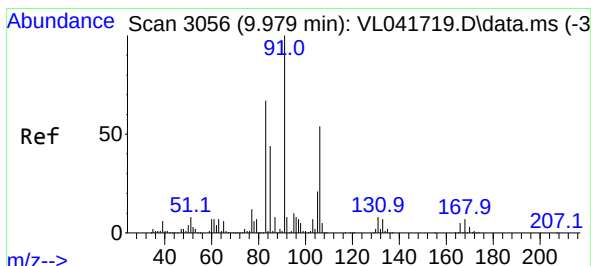
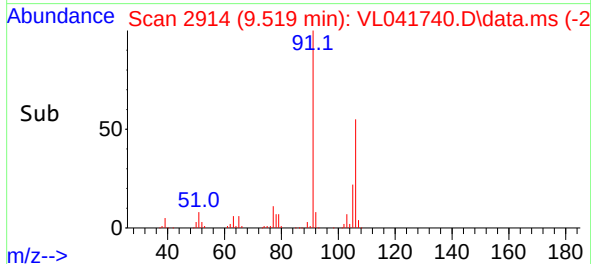
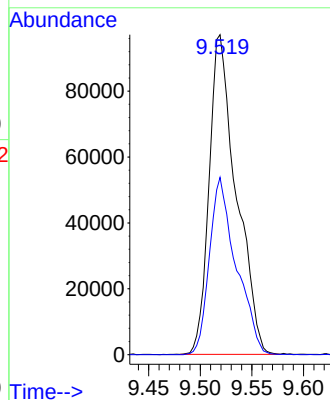
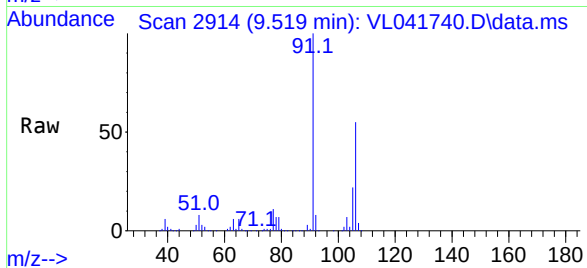
ClientSampleId :

Tgt Ion: 91 Resp: 177369

Ion Ratio Lower Upper

91 100

106 54.7 45.1 67.7



#60

o-Xylene

Concen: 0.649 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.029 min

Lab File: VL041740.D

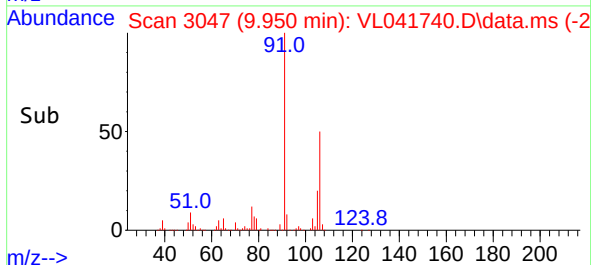
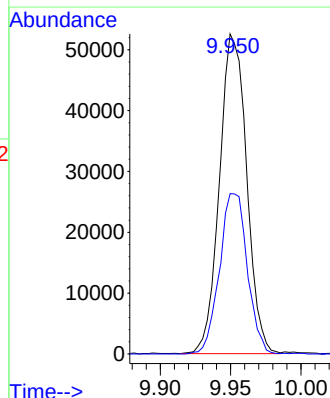
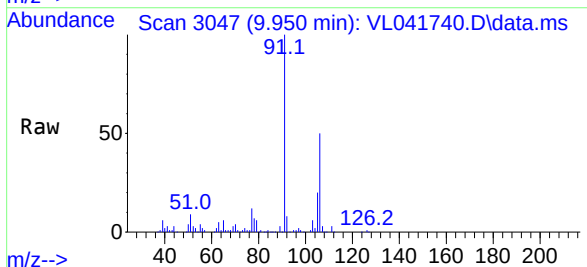
Acq: 12 Dec 2024 08:59

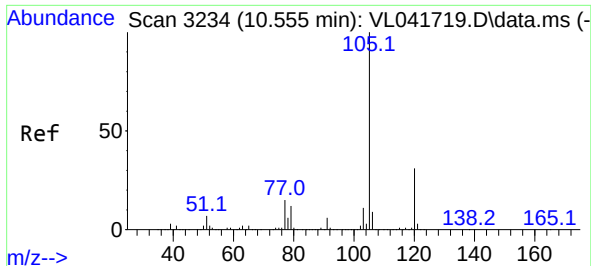
Tgt Ion: 91 Resp: 70636

Ion Ratio Lower Upper

91 100

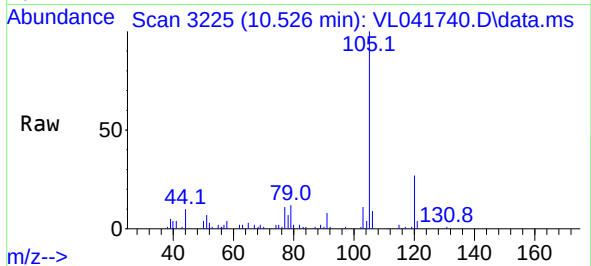
106 51.4 26.8 80.4



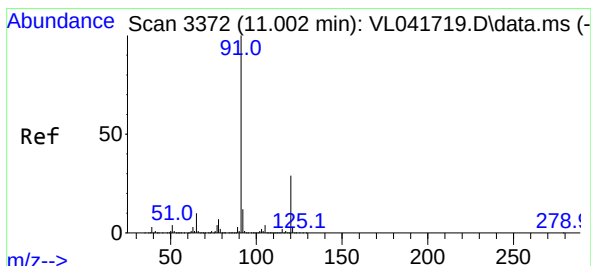
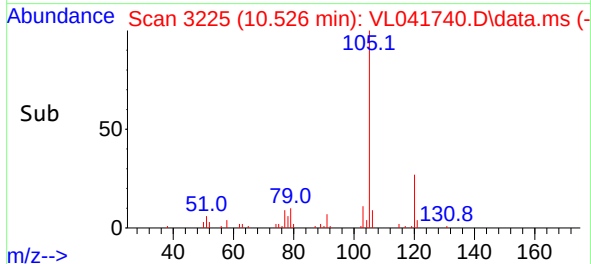
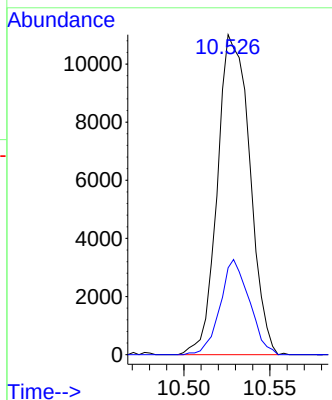


#62
Isopropylbenzene
Concen: 0.080 ppbv
RT: 10.526 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

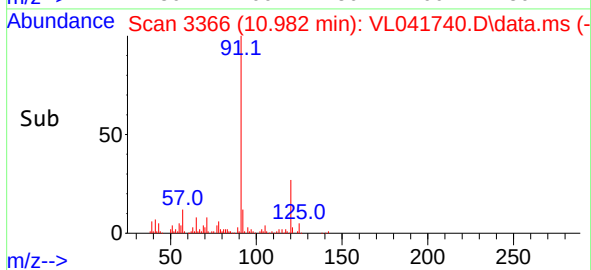
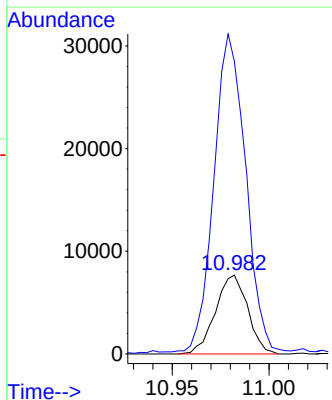
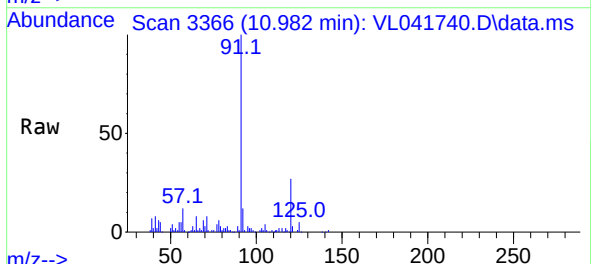


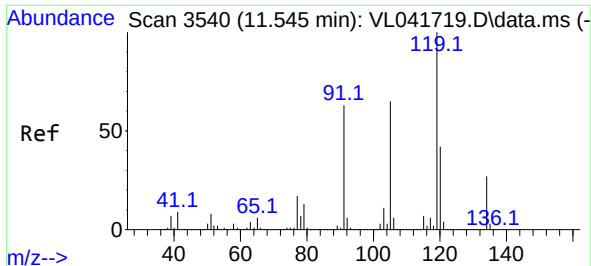
Tgt Ion:105 Resp: 14408
Ion Ratio Lower Upper
105 100
120 26.8 24.3 36.5



#64
n-propylbenzene
Concen: 0.168 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. -0.020 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

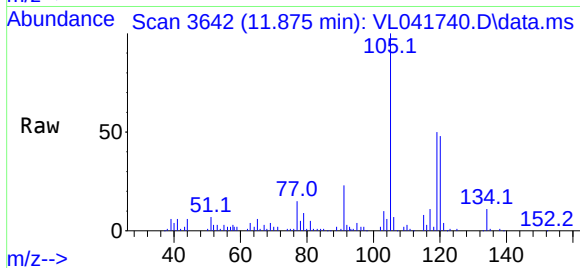
Tgt Ion:120 Resp: 8886
Ion Ratio Lower Upper
120 100
91 406.7 290.8 436.2



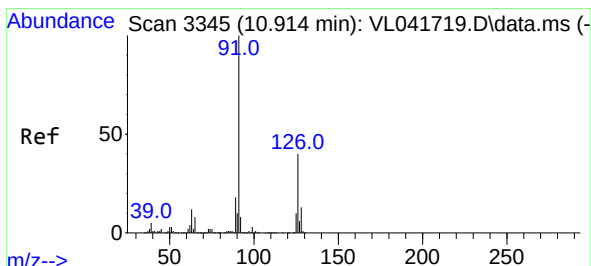
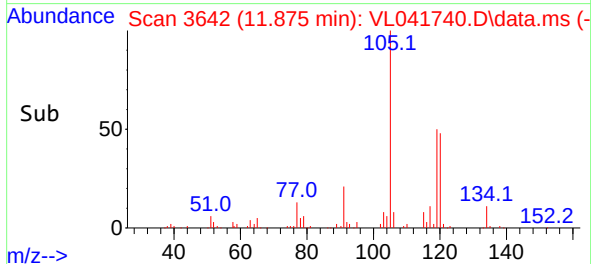
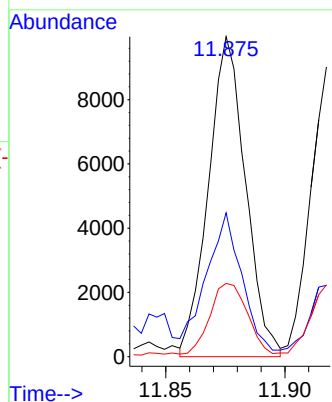


#65
tert-Butylbenzene
Concen: 0.063 ppbv
RT: 11.875 min Scan# 30
Delta R.T. 0.330 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

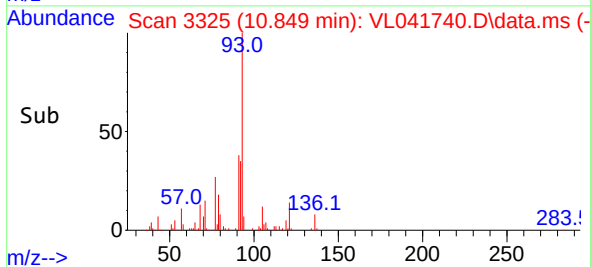
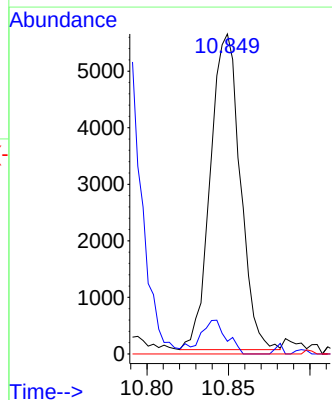
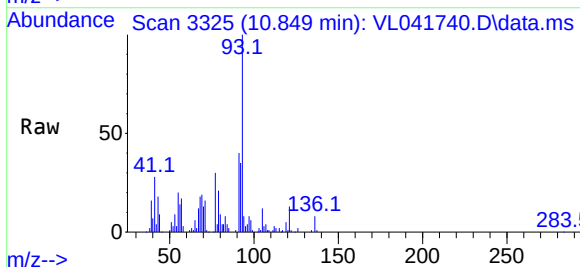


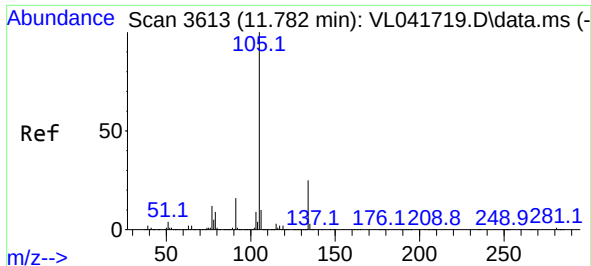
Tgt Ion:119 Resp: 10768
Ion Ratio Lower Upper
119 100
91 54.7 50.2 75.4
134 25.2 20.4 30.6



#66
Benzyl Chloride
Concen: 0.058 ppbv
RT: 10.849 min Scan# 3325
Delta R.T. -0.065 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Tgt Ion: 91 Resp: 7121
Ion Ratio Lower Upper
91 100
126 9.8 31.8 47.8#
128 0.0 10.3 15.5#

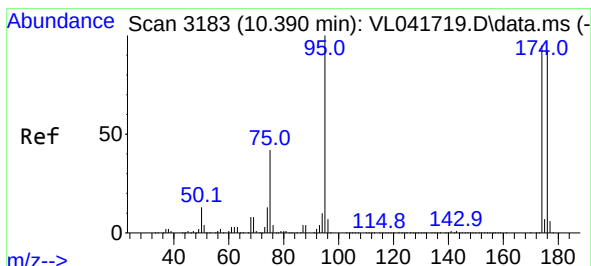
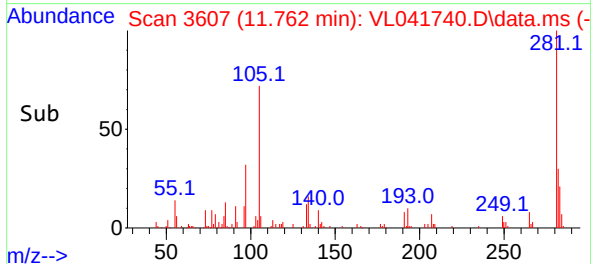
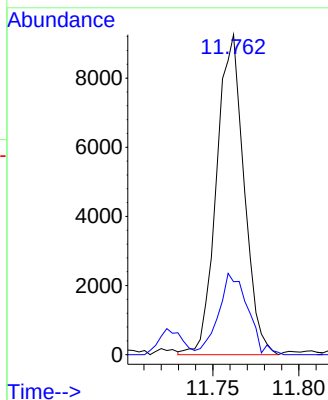
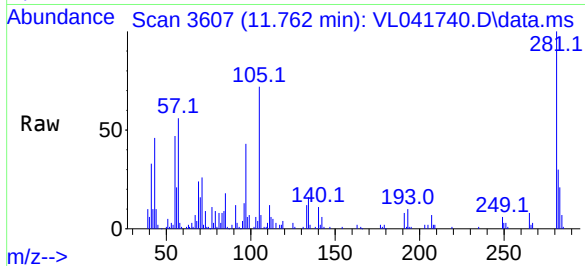




#67
sec-Butylbenzene
Concen: 0.047 ppbv
RT: 11.762 min Scan# 30
Delta R.T. -0.020 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

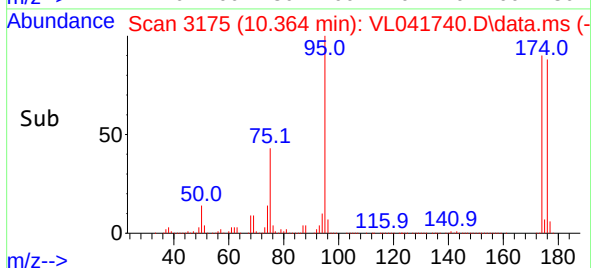
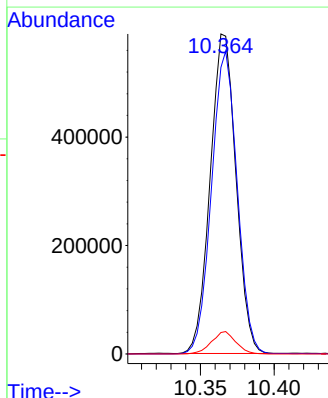
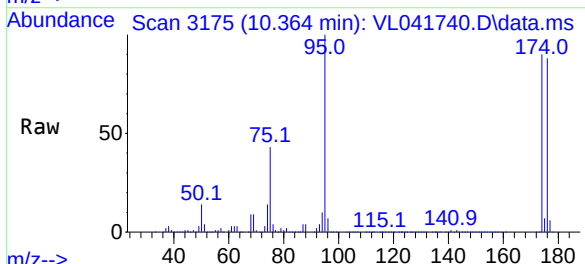
Instrument :
MSVOA_L
ClientSampleId :

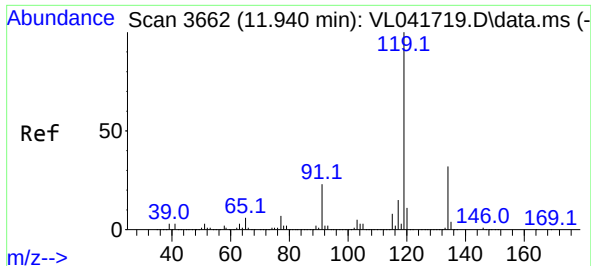
Tgt Ion:105 Resp: 10282
Ion Ratio Lower Upper
105 100
134 34.0 19.3 28.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.182 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.026 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

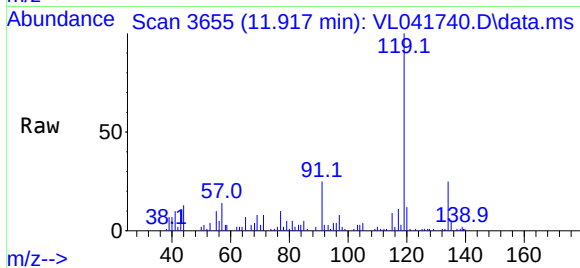
Tgt Ion: 95 Resp: 716714
Ion Ratio Lower Upper
95 100
174 94.4 76.7 115.1
175 6.6 5.4 8.2



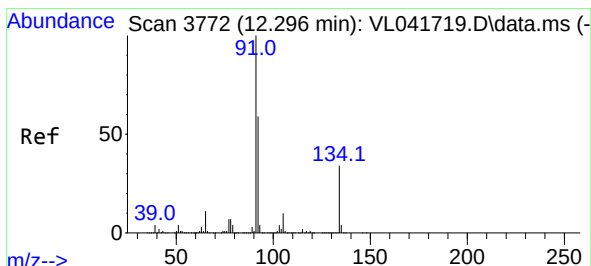
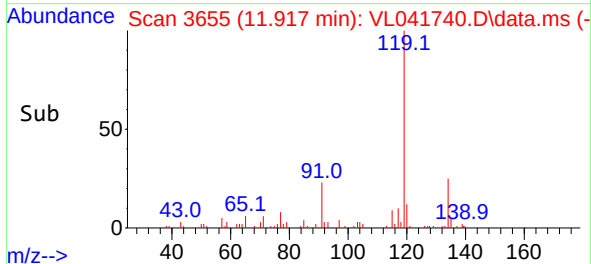
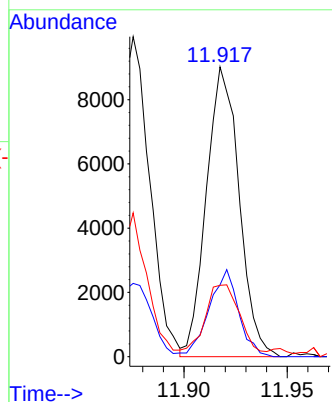


#69
p-Isopropyltoluene
Concen: 0.052 ppbv
RT: 11.917 min Scan# 30
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

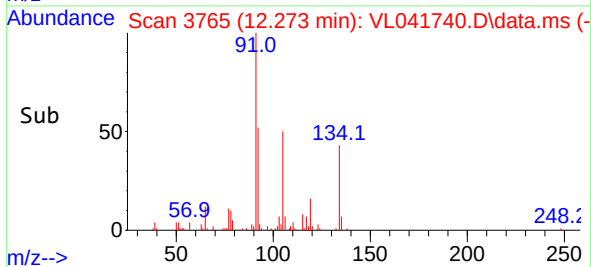
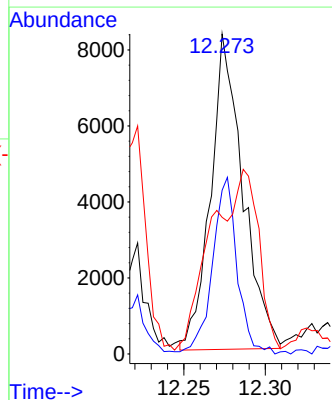
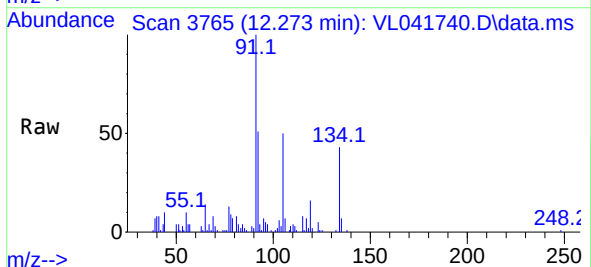


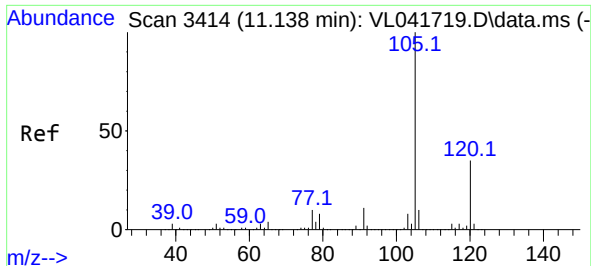
Tgt Ion:119 Resp: 9966
Ion Ratio Lower Upper
119 100
134 27.0 24.6 36.8
91 29.5 17.8 26.8#



#70
n-Butylbenzene
Concen: 0.072 ppbv
RT: 12.273 min Scan# 3765
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

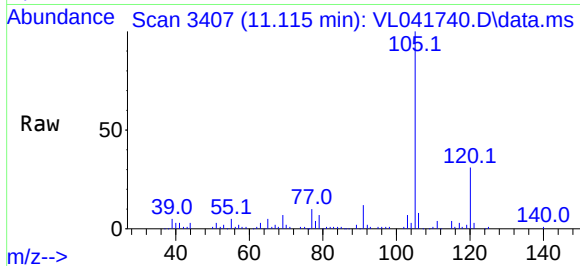
Tgt Ion: 91 Resp: 11390
Ion Ratio Lower Upper
91 100
92 43.1 46.7 70.1#
134 87.0 26.2 39.4#



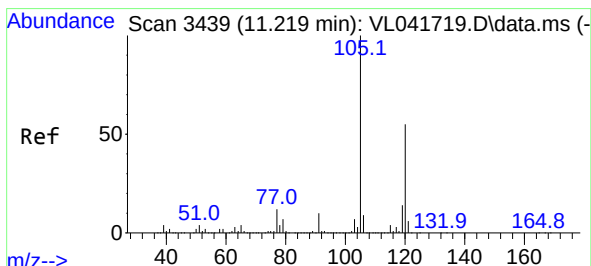
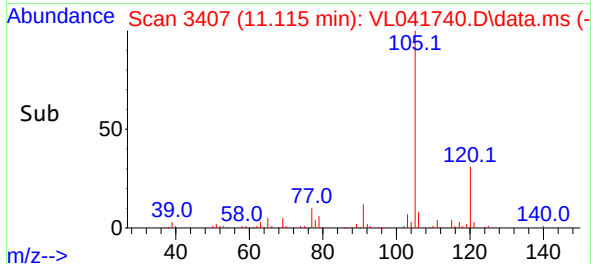
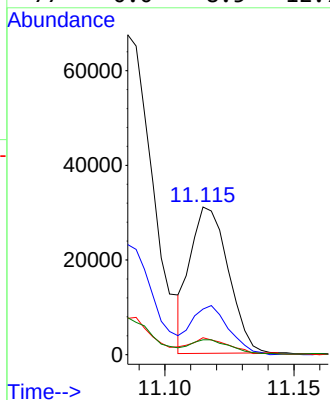


#72
4-Ethyltoluene
Concen: 0.225 ppbv
RT: 11.115 min Scan# 3414
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

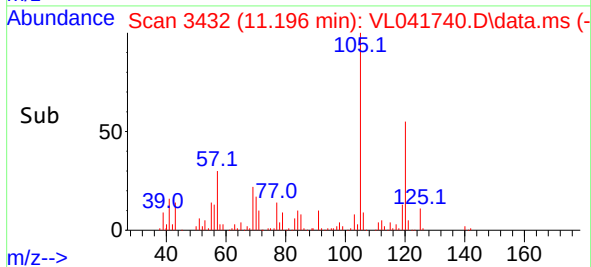
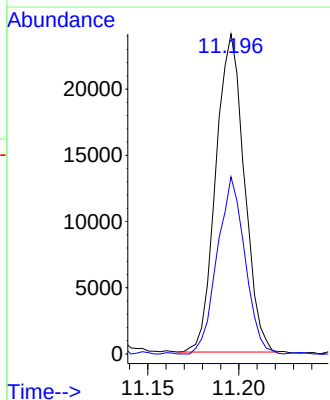
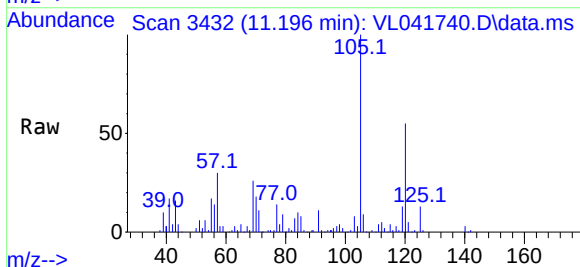


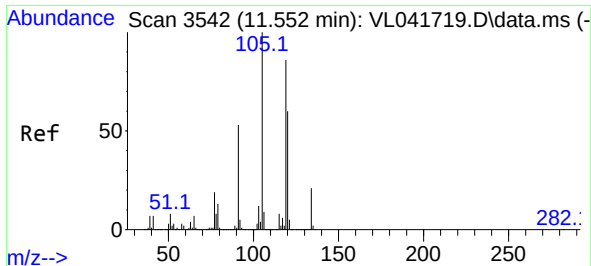
Tgt Ion:105 Resp: 31686
Ion Ratio Lower Upper
105 100
120 0.0 28.0 42.0#
91 0.0 8.8 13.2#
77 0.0 8.5 12.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.229 ppbv
RT: 11.196 min Scan# 3432
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

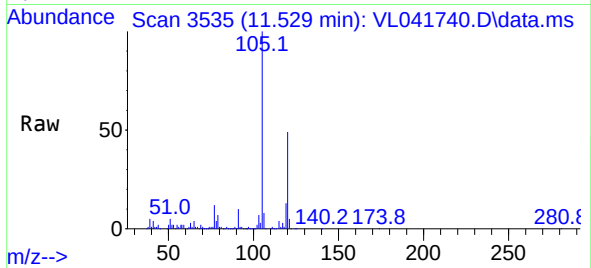
Tgt Ion:105 Resp: 26075
Ion Ratio Lower Upper
105 100
120 55.7 43.6 65.4



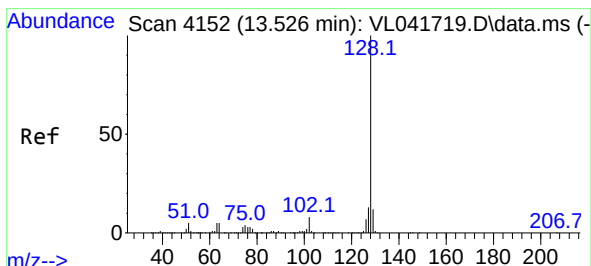
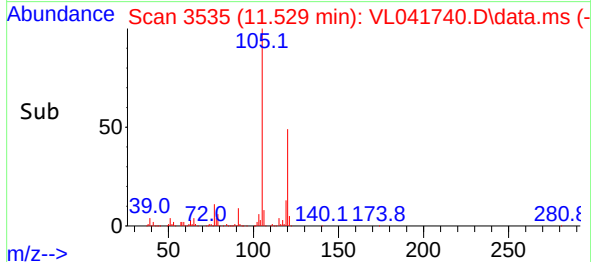
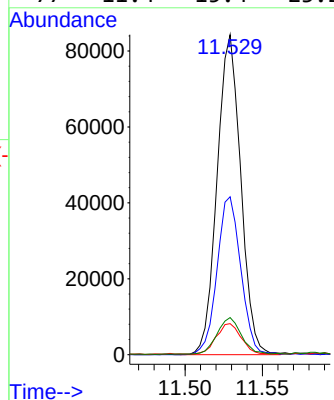


#74
1,2,4-Trimethylbenzene
Concen: 0.725 ppbv
RT: 11.529 min Scan# 311
Delta R.T. -0.023 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

Instrument :
MSVOA_L
ClientSampleId :

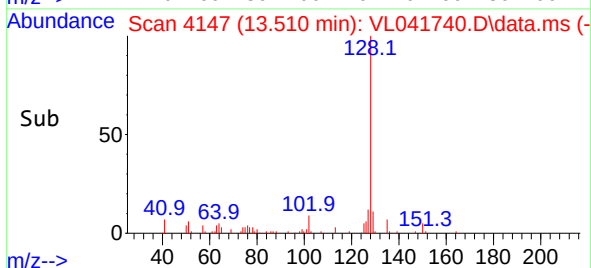
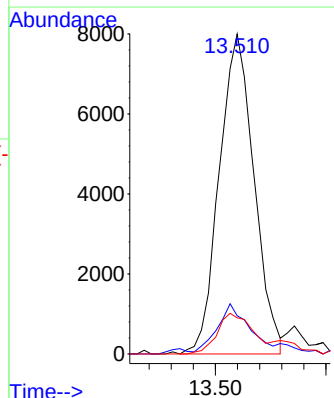
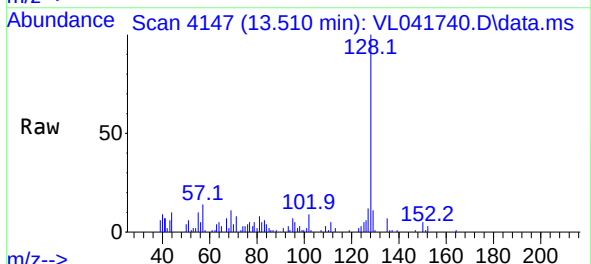


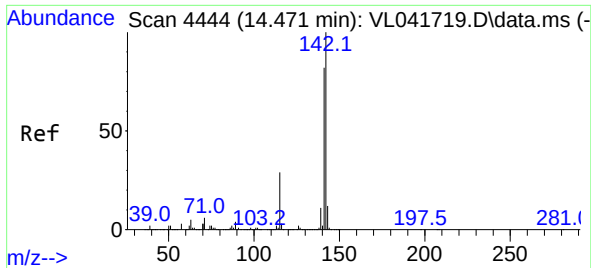
Tgt Ion:	105	Resp:	89611
Ion	Ratio	Lower	Upper
105	100		
120	49.3	47.8	71.6
91	9.5	42.5	63.7#
77	11.4	15.4	23.2#



#79
Naphthalene
Concen: 0.083 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.016 min
Lab File: VL041740.D
Acq: 12 Dec 2024 08:59

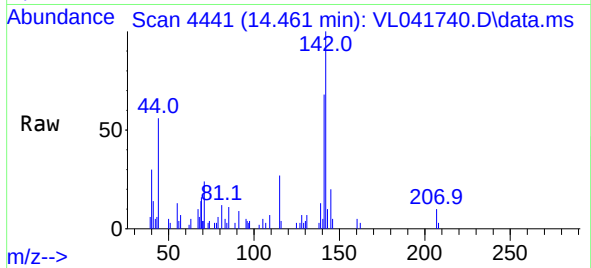
Tgt Ion:	128	Resp:	8736
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.2	15.2
129	11.3	9.4	14.0





#80
 Naphthalene, 2-methyl-
 Concen: 0.066 ppbv
 RT: 14.461 min Scan# 44
 Delta R.T. -0.010 min
 Lab File: VL041740.D
 Acq: 12 Dec 2024 08:59

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	142	Resp:	2512
Ion	Ratio	Lower	Upper
142	100		
141	90.1	66.0	99.0
115	54.7	22.8	34.2#

