

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041809.D
 Acq On : 18 Dec 2024 23:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 19 08:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

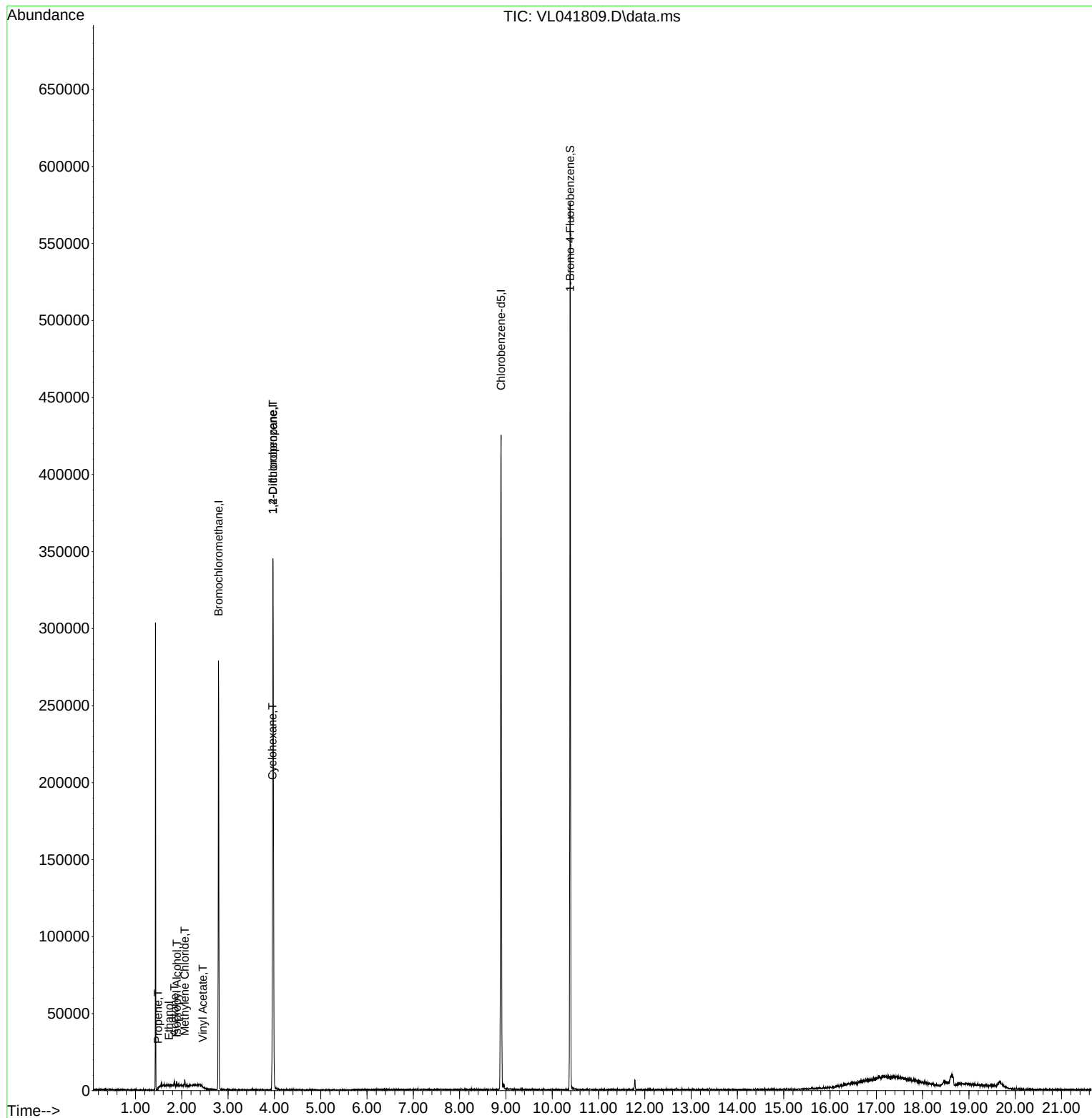
Internal Standards						
1) Bromochloromethane	2.794	49	74451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	174576	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	147066	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	124098	10.126	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	285	0.054	ppbv	85
13) Ethanol	1.722	45	290	0.666	ppbv #	34
15) Acetone	1.839	43	1380	0.095	ppbv	91
19) Isopropyl Alcohol	1.891	45	1074	0.124	ppbv #	34
20) Methylene Chloride	2.065	84	542	0.131	ppbv	85
23) Vinyl Acetate	2.454	43	305	0.045	ppbv #	1
30) Cyclohexane	3.959	84	683	0.078	ppbv #	1
39) 1,2-Dichloropropane	3.968	63	49023	7.506	ppbv #	19

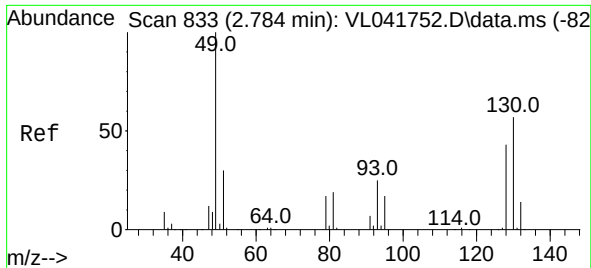
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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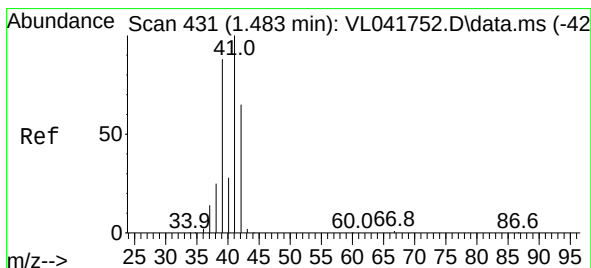
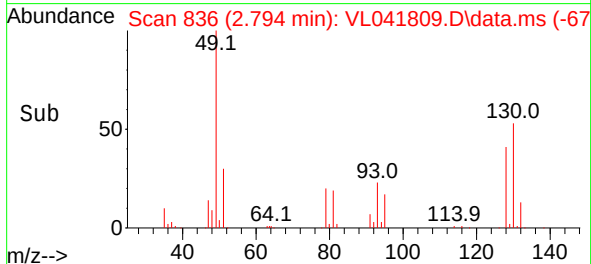
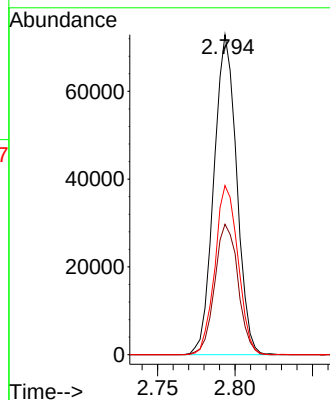
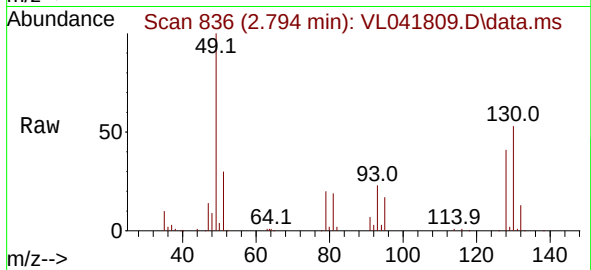




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 841
Delta R.T. 0.010 min
Lab File: VL041809.D
Acq: 18 Dec 2024 23:40

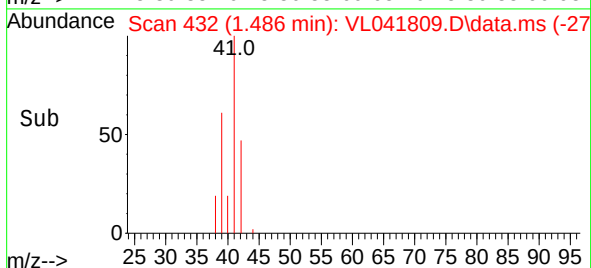
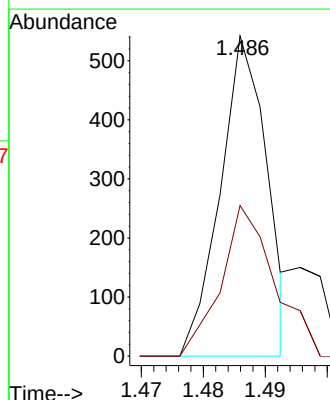
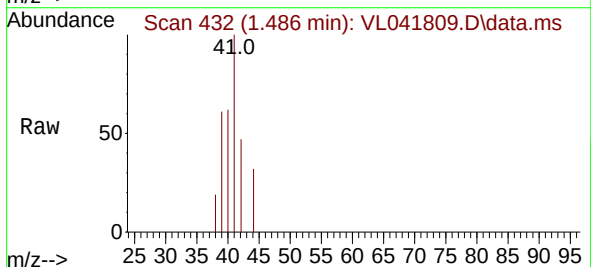
Instrument :
MSVOA_L
ClientSampleId :

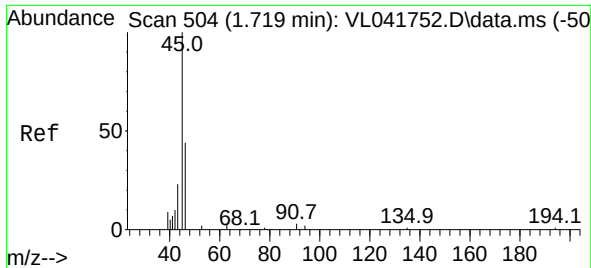
Tgt Ion: 49 Resp: 74451
Ion Ratio Lower Upper
49 100
128 41.9 21.6 64.6
130 53.6 28.3 85.0



#9
Propene
Concen: 0.054 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL041809.D
Acq: 18 Dec 2024 23:40

Tgt Ion: 41 Resp: 285
Ion Ratio Lower Upper
41 100
42 53.3 52.4 78.6

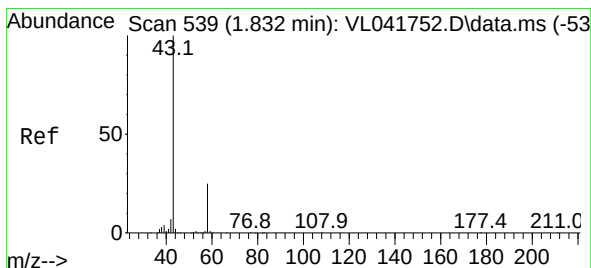
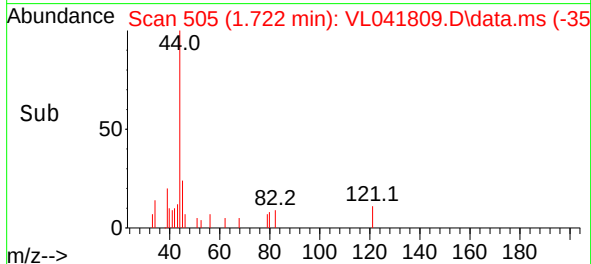
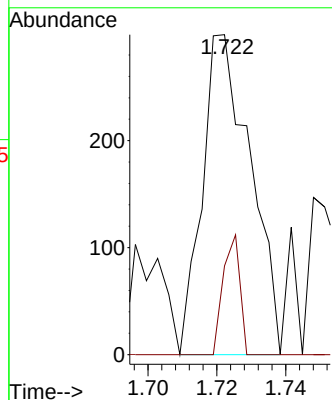
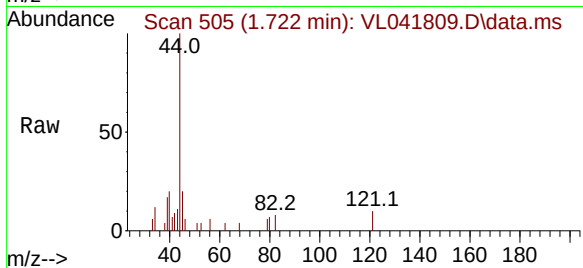




#13
Ethanol
Concen: 0.666 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041809.D
Acq: 18 Dec 2024 23:40

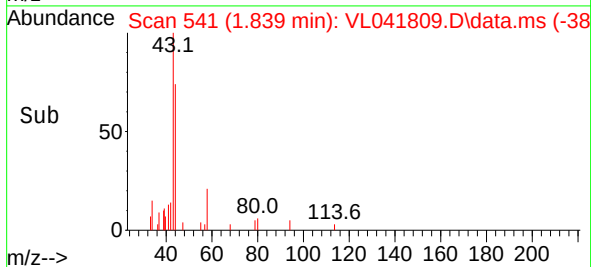
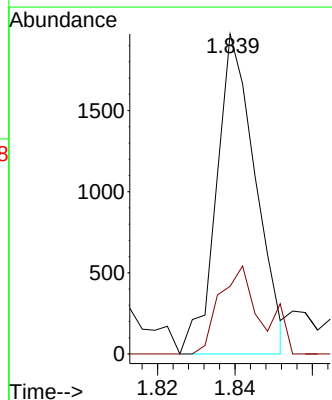
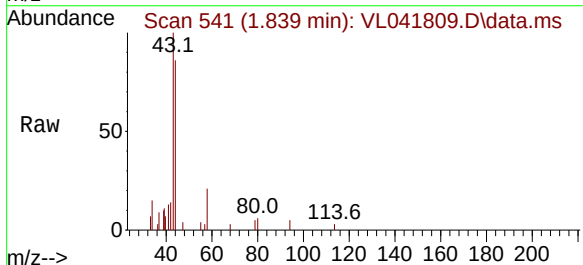
Instrument :
MSVOA_L
ClientSampleId :

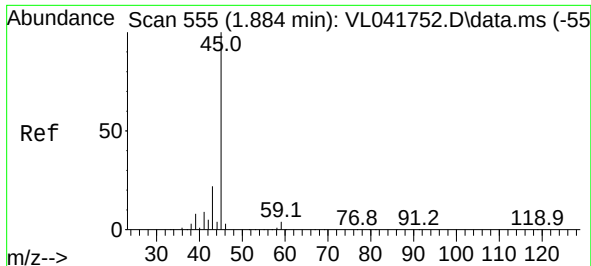
Tgt Ion: 45 Resp: 290
Ion Ratio Lower Upper
45 100
46 0.0 16.4 65.8#



#15
Acetone
Concen: 0.095 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041809.D
Acq: 18 Dec 2024 23:40

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 29.2 19.7 29.5





#19

Isopropyl Alcohol

Concen: 0.124 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

Instrument :

MSVOA_L

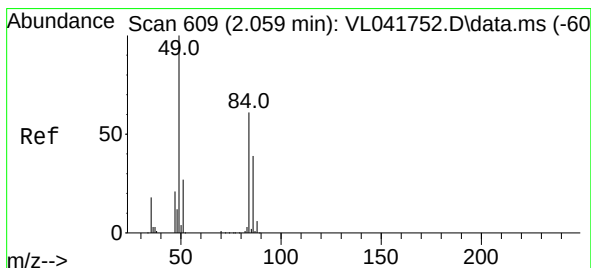
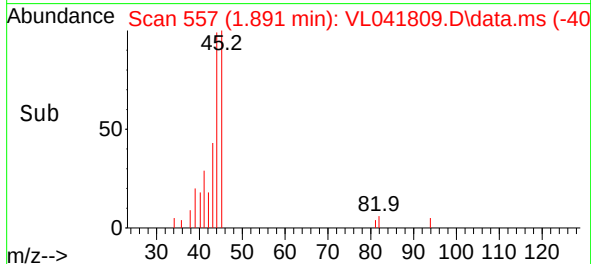
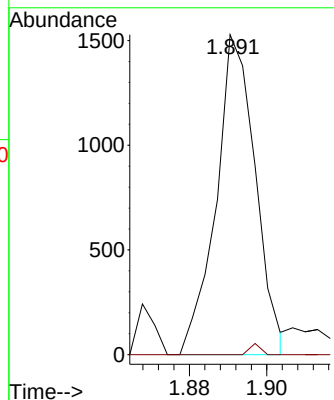
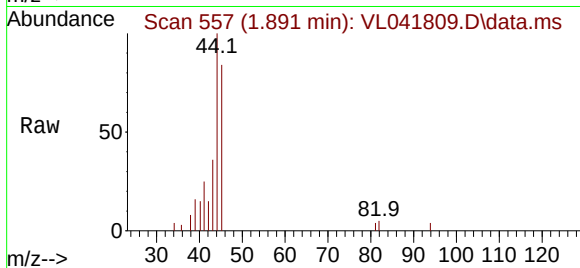
ClientSampleId :

Tgt Ion: 45 Resp: 1074

Ion Ratio Lower Upper

45 100

58 0.0 33.3 49.9#



#20

Methylene Chloride

Concen: 0.131 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

Tgt Ion: 84 Resp: 542

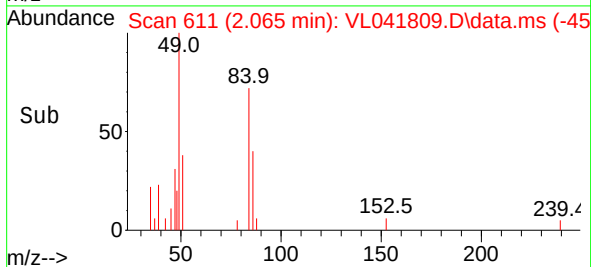
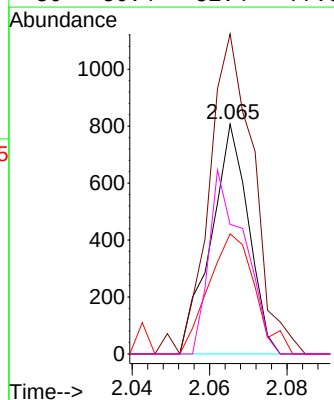
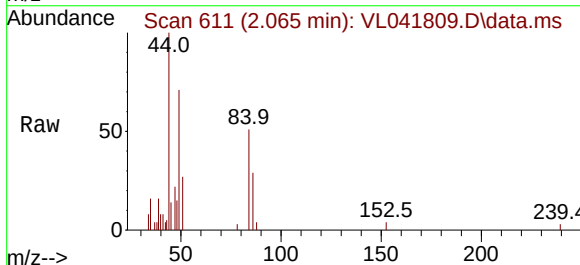
Ion Ratio Lower Upper

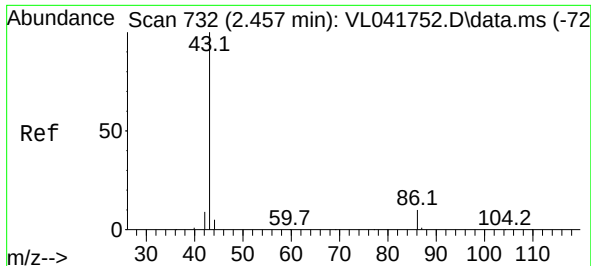
84 100

49 139.3 132.6 198.8

51 52.3 37.6 56.4

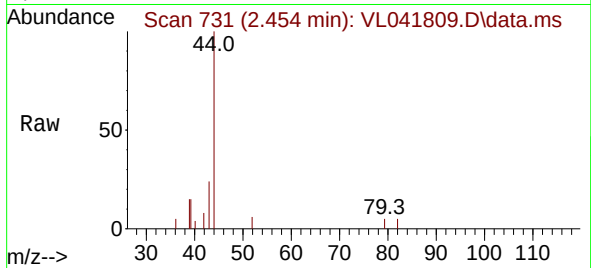
86 56.4 51.4 77.0



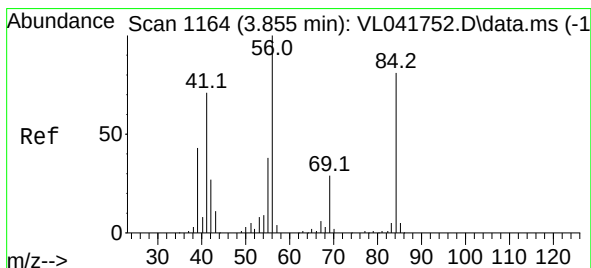
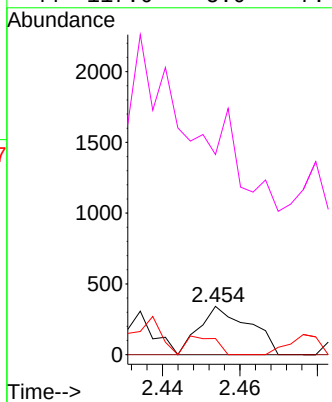
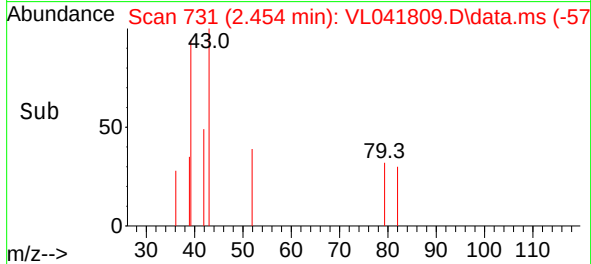


#23
 Vinyl Acetate
 Concen: 0.045 ppbv
 RT: 2.454 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041809.D
 Acq: 18 Dec 2024 23:40

Instrument :
 MSVOA_1
 ClientSampleId :

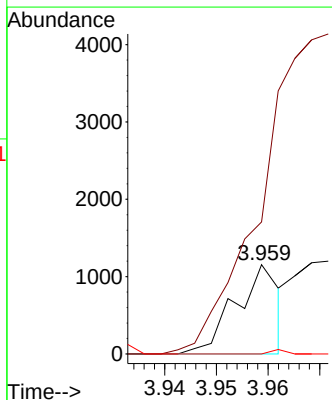
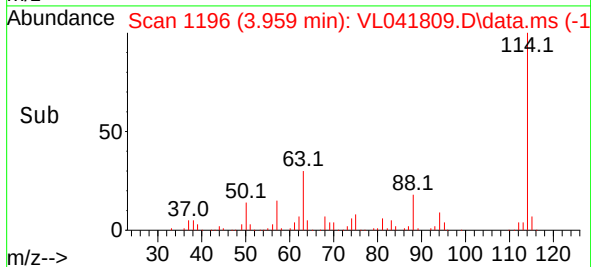
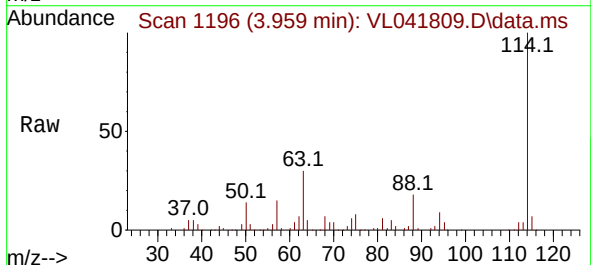


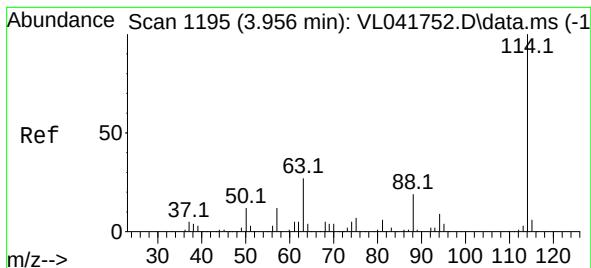
Tgt Ion:	43	Resp:	305
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#
42	33.4	8.2	12.2#
44	117.6	5.0	7.4#



#30
 Cyclohexane
 Concen: 0.078 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.103 min
 Lab File: VL041809.D
 Acq: 18 Dec 2024 23:40

Tgt Ion:	84	Resp:	683
Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.3	153.5#
41	4.4	74.0	111.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

Instrument :

MSVOA_L

ClientSampleId :

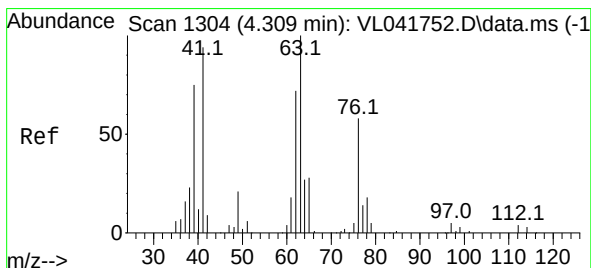
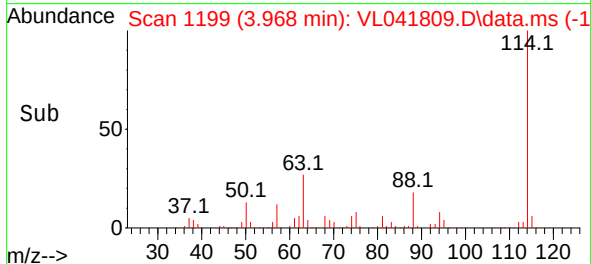
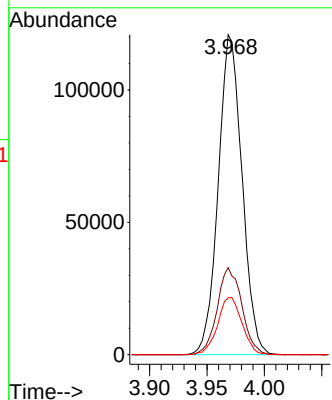
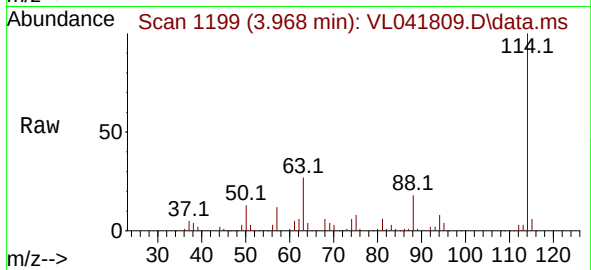
Tgt Ion:114 Resp: 174576

Ion Ratio Lower Upper

114 100

63 28.1 21.8 32.8

88 18.4 14.8 22.2



#39

1,2-Dichloropropane

Concen: 7.506 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.340 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

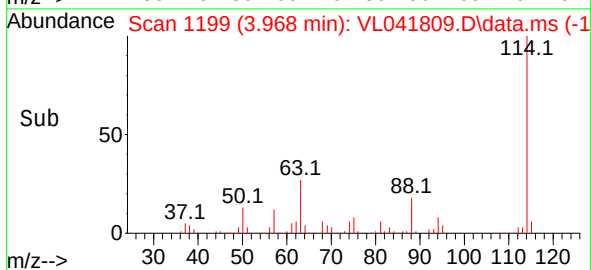
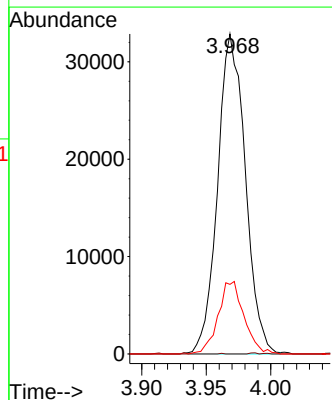
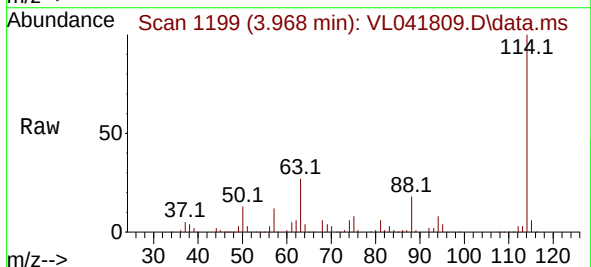
Tgt Ion: 63 Resp: 49023

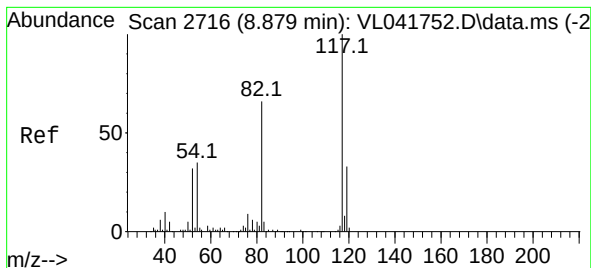
Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 21.7 57.3 85.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.895 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

Instrument :

MSVOA_L

ClientSampleId :

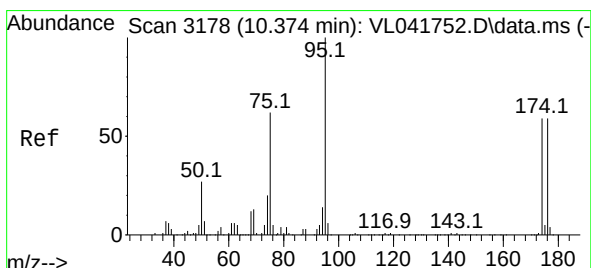
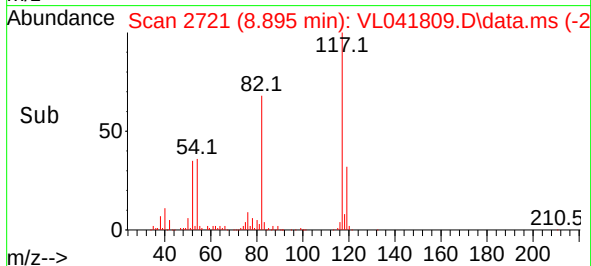
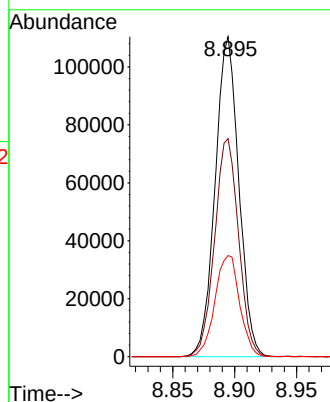
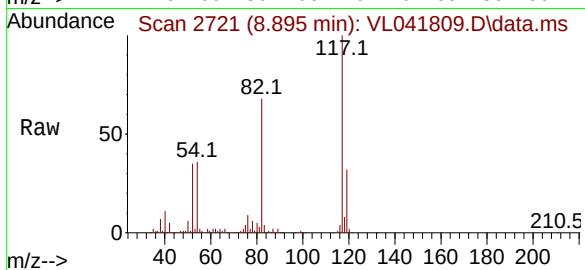
Tgt Ion:117 Resp: 147066

Ion Ratio Lower Upper

117 100

82 69.1 53.8 80.8

119 33.1 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.126 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. 0.013 min

Lab File: VL041809.D

Acq: 18 Dec 2024 23:40

Tgt Ion: 95 Resp: 124098

Ion Ratio Lower Upper

95 100

174 56.9 47.6 71.4

175 4.5 3.7 5.5

