

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041853.D
 Acq On : 07 Jan 2025 20:06
 Operator : SY/MD
 Sample : QC010225 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:58:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

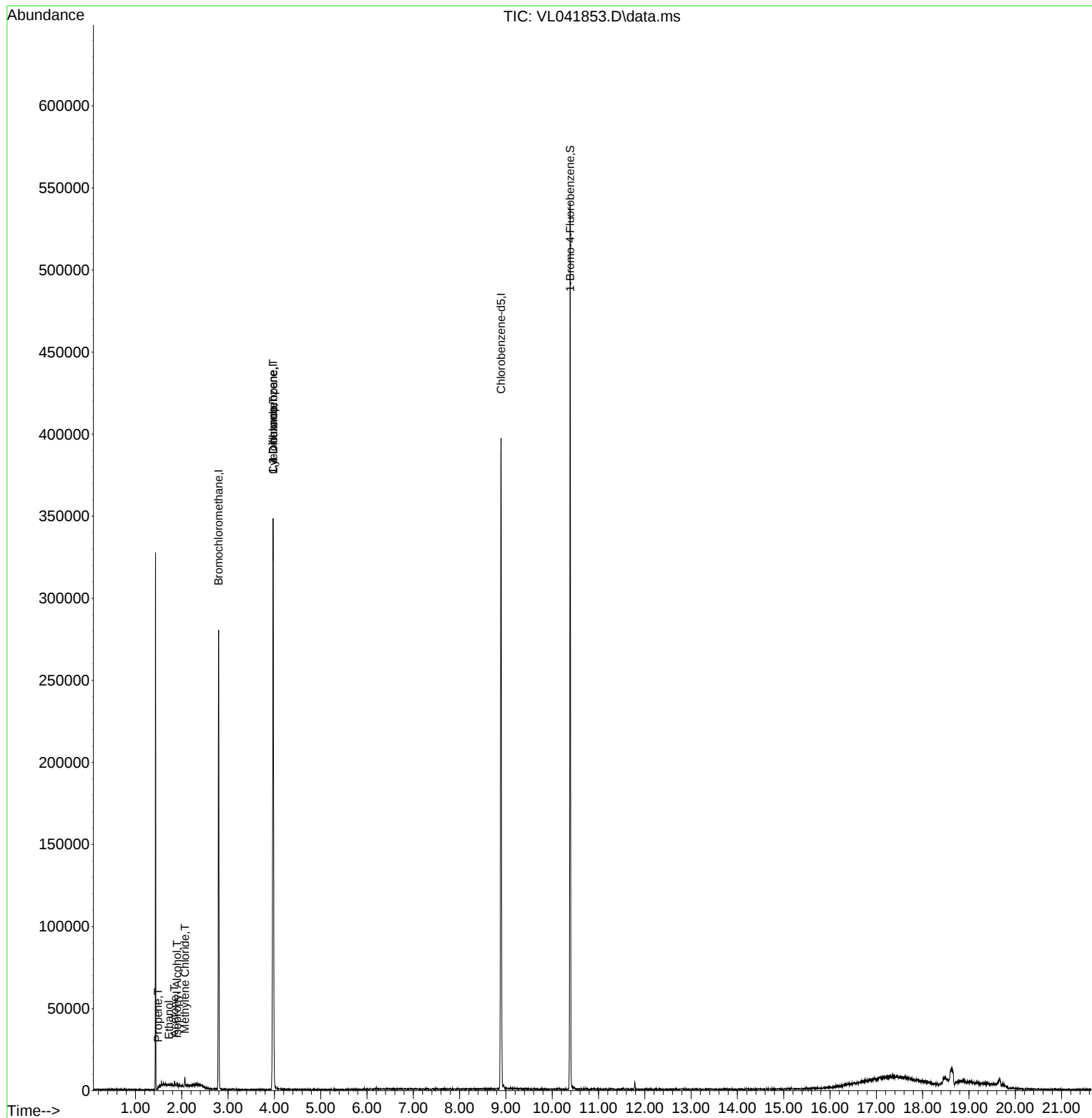
Internal Standards						
1) Bromochloromethane	2.797	49	81209	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	170521	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	142124	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	115326	9.474	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	215	0.049	ppbv #	1
13) Ethanol	1.725	45	174	0.299	ppbv #	38
15) Acetone	1.842	43	1293	0.086	ppbv	91
19) Isopropyl Alcohol	1.897	45	875	0.125	ppbv #	97
20) Methylene Chloride	2.068	84	527	0.123	ppbv #	82
30) Cyclohexane	3.972	84	1850	0.280	ppbv #	1
39) 1,2-Dichloropropane	3.972	63	47940	7.608	ppbv #	16

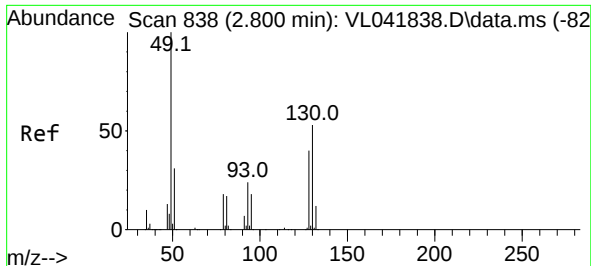
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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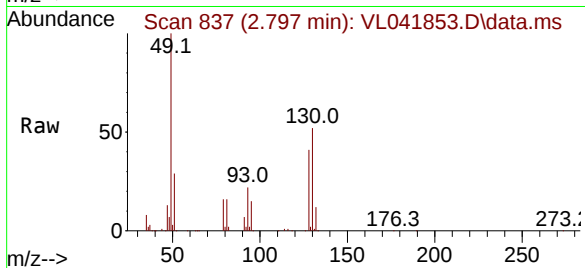
Quant Time: Jan 08 03:58:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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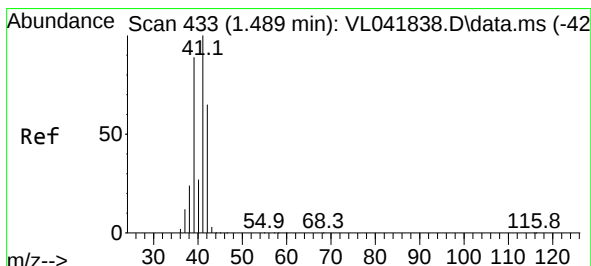
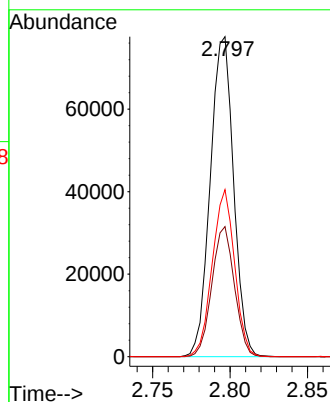
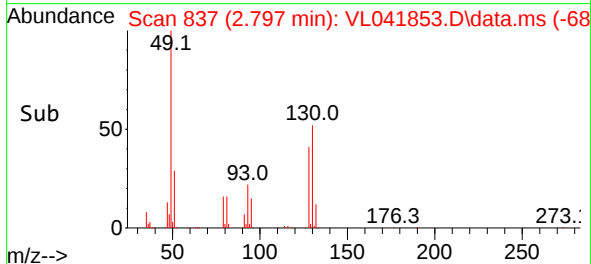


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

Instrument :
MSVOA_L
ClientSampleId :

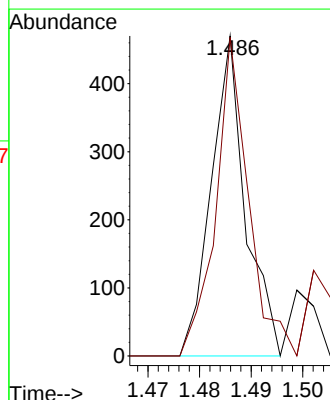
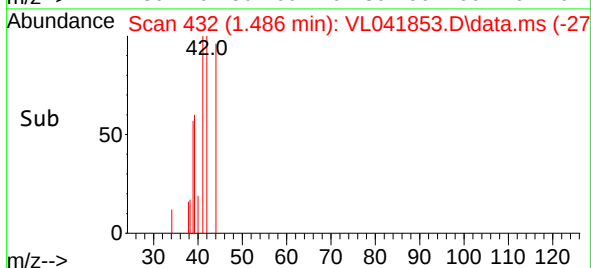
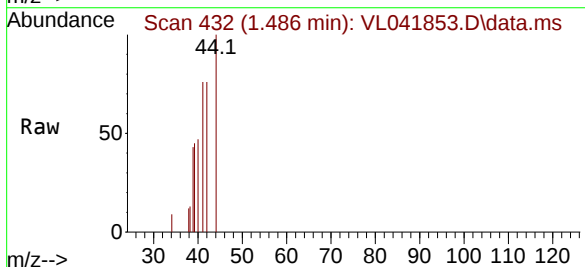


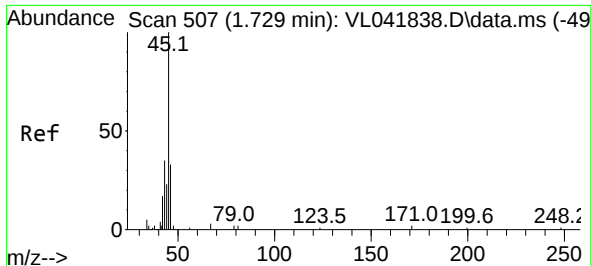
Tgt Ion: 49 Resp: 81209
Ion Ratio Lower Upper
49 100
128 39.4 19.7 59.1
130 50.1 26.4 79.2



#9
Propene
Concen: 0.049 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

Tgt Ion: 41 Resp: 215
Ion Ratio Lower Upper
41 100
42 191.6 53.9 80.9#

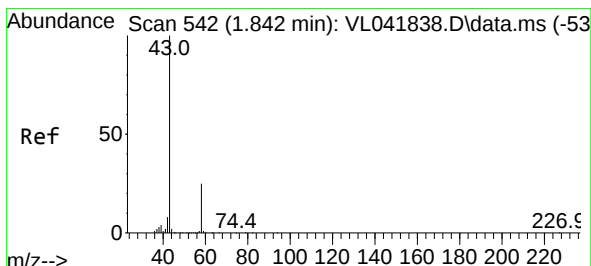
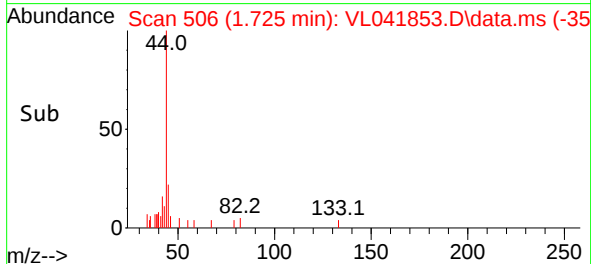
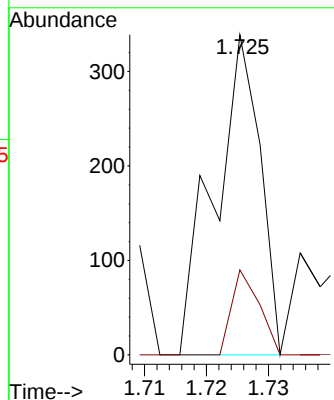
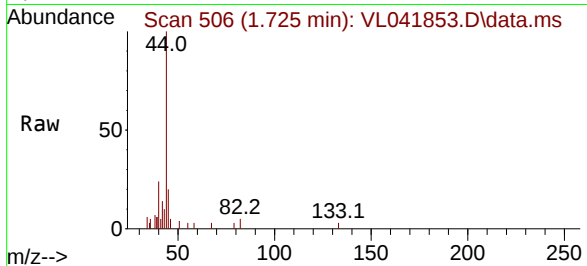




#13
Ethanol
Concen: 0.299 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

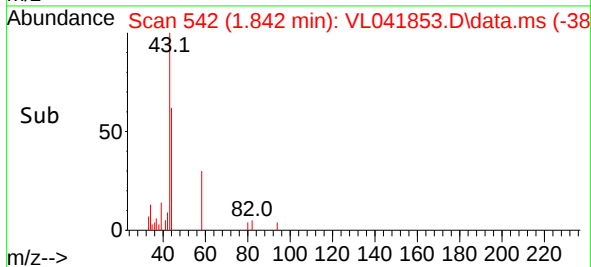
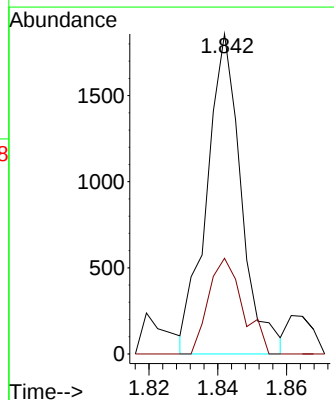
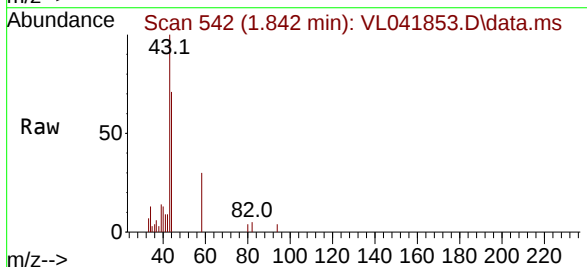
Instrument :
MSVOA_L
ClientSampleId :

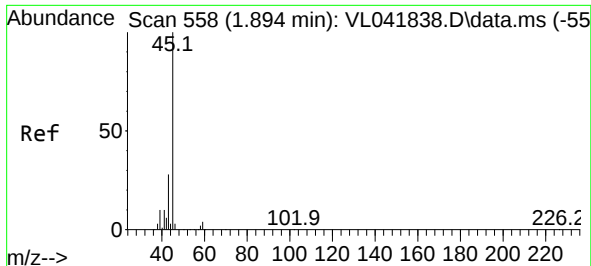
Tgt Ion: 45 Resp: 174
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#15
Acetone
Concen: 0.086 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

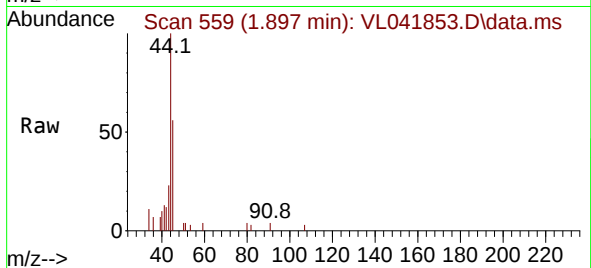
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 29.6 20.2 30.4



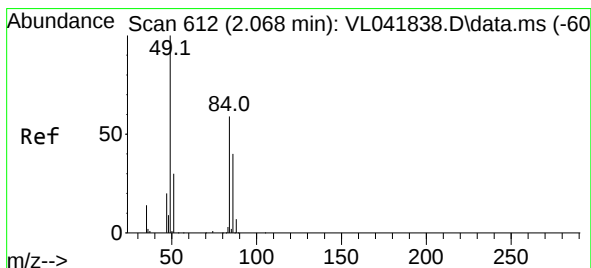
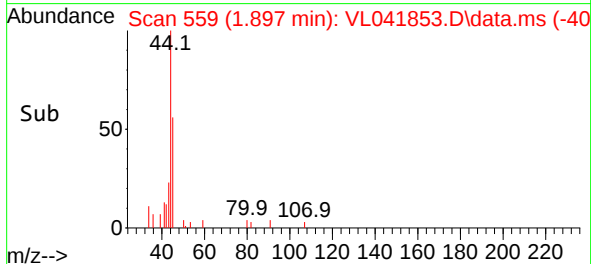
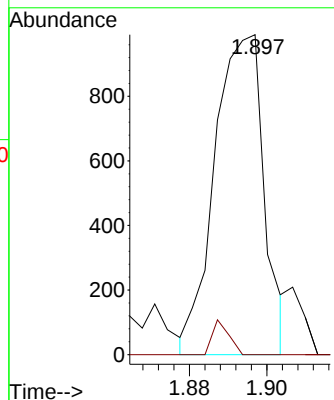


#19
Isopropyl Alcohol
Concen: 0.125 ppbv
RT: 1.897 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

Instrument :
MSVOA_L
ClientSampleId :

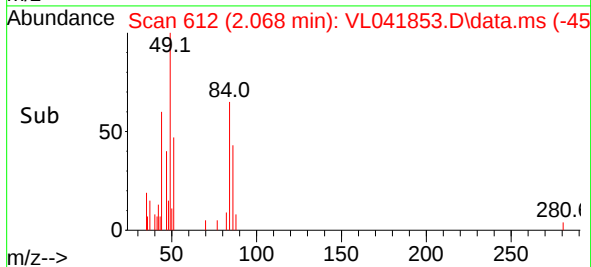
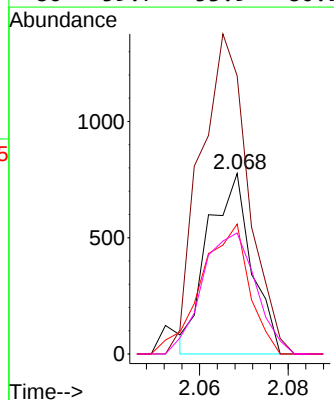
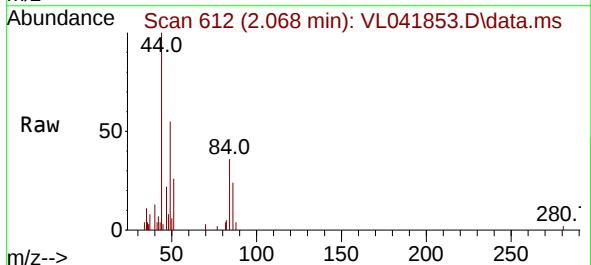


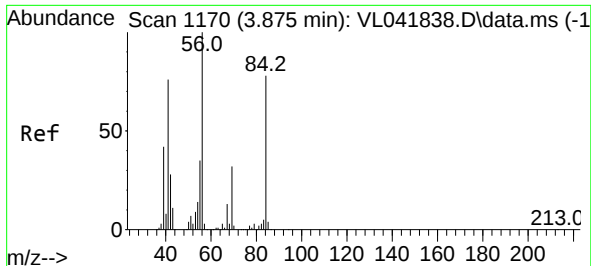
Tgt Ion: 45 Resp: 875
Ion Ratio Lower Upper
45 100
58 3.7 2.1 3.1#



#20
Methylene Chloride
Concen: 0.123 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

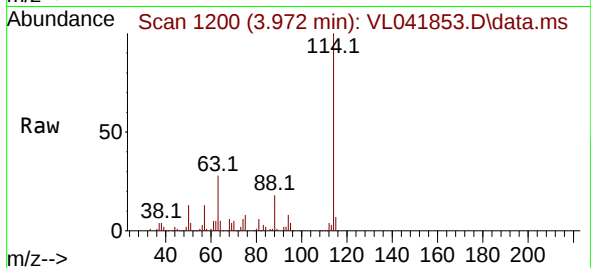
Tgt Ion: 84 Resp: 527
Ion Ratio Lower Upper
84 100
49 145.5 137.8 206.8
51 72.0 43.9 65.9#
86 59.7 53.9 80.9



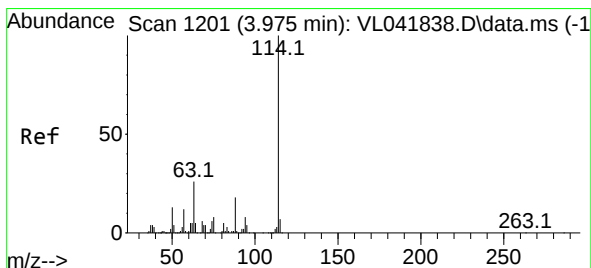
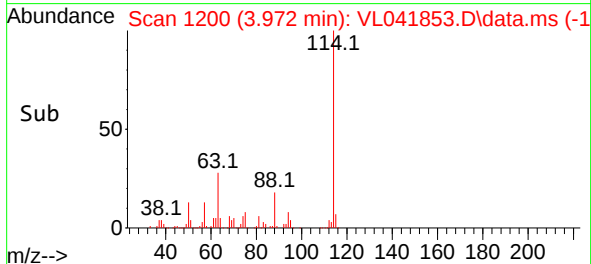
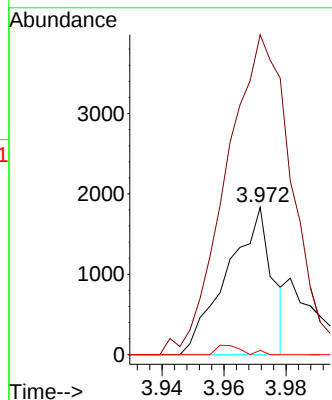


#30
Cyclohexane
Concen: 0.280 ppbv
RT: 3.972 min Scan# 1170
Delta R.T. 0.097 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

Instrument :
MSVOA_L
ClientSampleId :

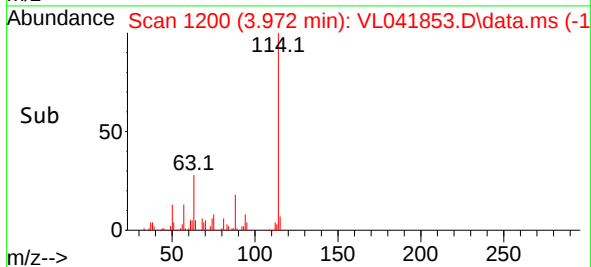
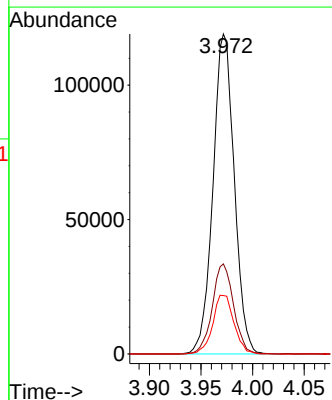
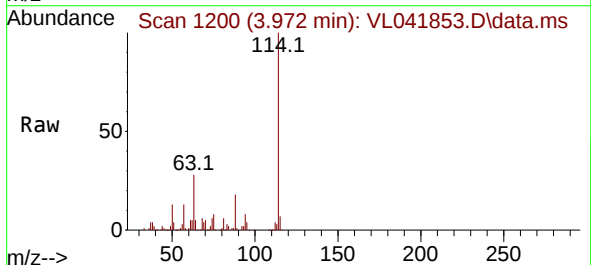


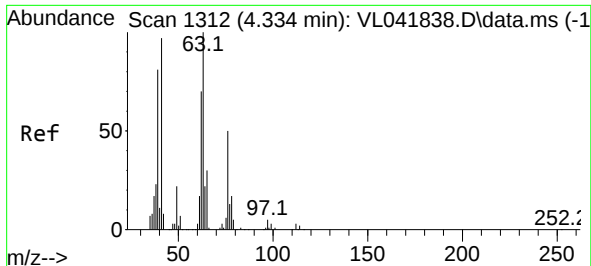
Tgt Ion: 84 Resp: 1850
Ion Ratio Lower Upper
84 100
56 320.0 105.0 157.6#
41 3.7 78.9 118.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.003 min
Lab File: VL041853.D
Acq: 07 Jan 2025 20:06

Tgt Ion: 114 Resp: 170521
Ion Ratio Lower Upper
114 100
63 28.1 22.3 33.5
88 18.3 14.9 22.3





#39

1,2-Dichloropropane

Concen: 7.608 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.362 min

Lab File: VL041853.D

Acq: 07 Jan 2025 20:06

Instrument :

MSVOA_L

ClientSampleId :

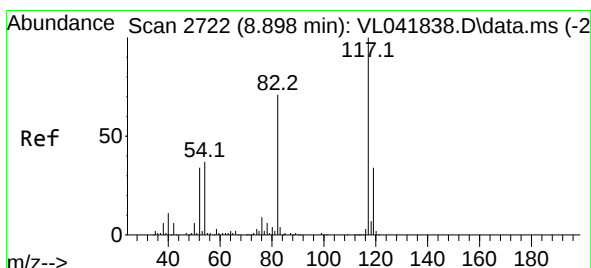
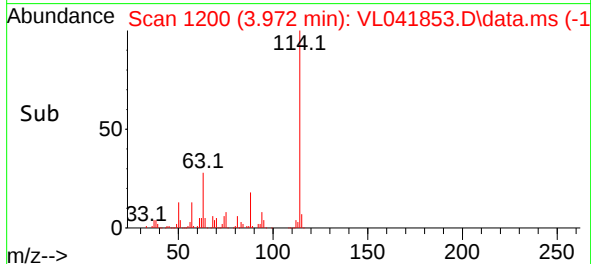
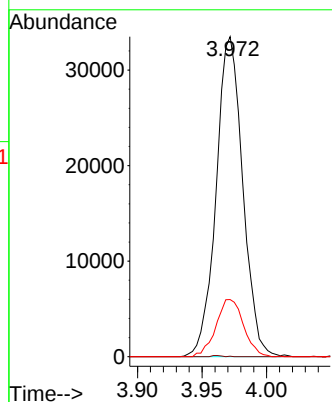
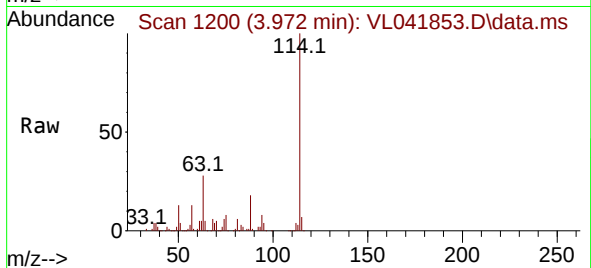
Tgt Ion: 63 Resp: 47940

Ion Ratio Lower Upper

63 100

41 0.2 77.7 116.5#

62 17.9 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.895 min Scan# 2721

Delta R.T. -0.003 min

Lab File: VL041853.D

Acq: 07 Jan 2025 20:06

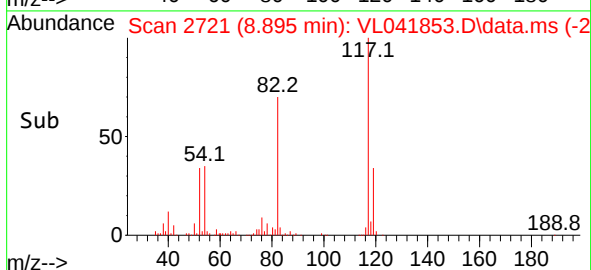
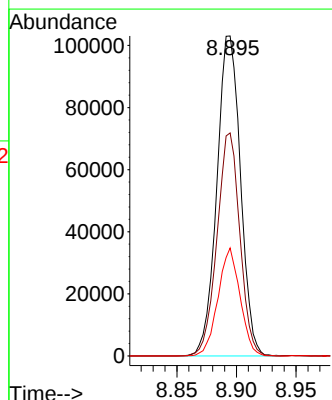
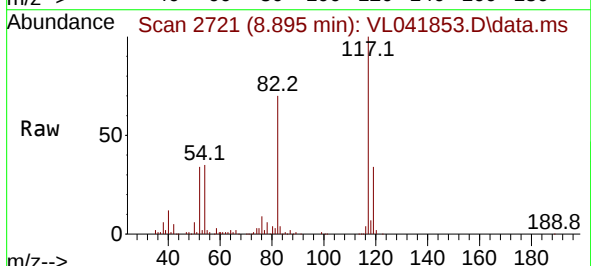
Tgt Ion: 117 Resp: 142124

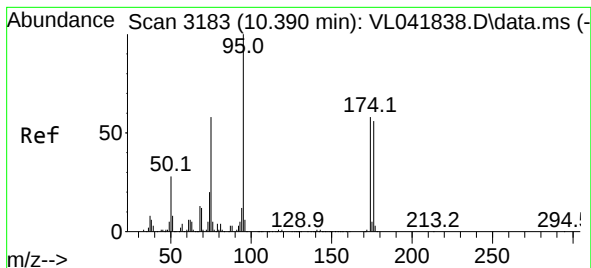
Ion Ratio Lower Upper

117 100

82 67.3 59.1 88.7

119 31.5 27.3 40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.474 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL041853.D
 Acq: 07 Jan 2025 20:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 95 Resp: 115326
 Ion Ratio Lower Upper
 95 100
 174 58.7 47.6 71.4
 175 4.7 3.8 5.6

