

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042703.D
 Acq On : 03 Jul 2025 11:10
 Operator : SY/MD
 Sample : QC070225 CAN 10311
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070225 CAN 10311

Quant Time: Jul 04 03:55:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:50:16 2025
 Response via : Initial Calibration

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

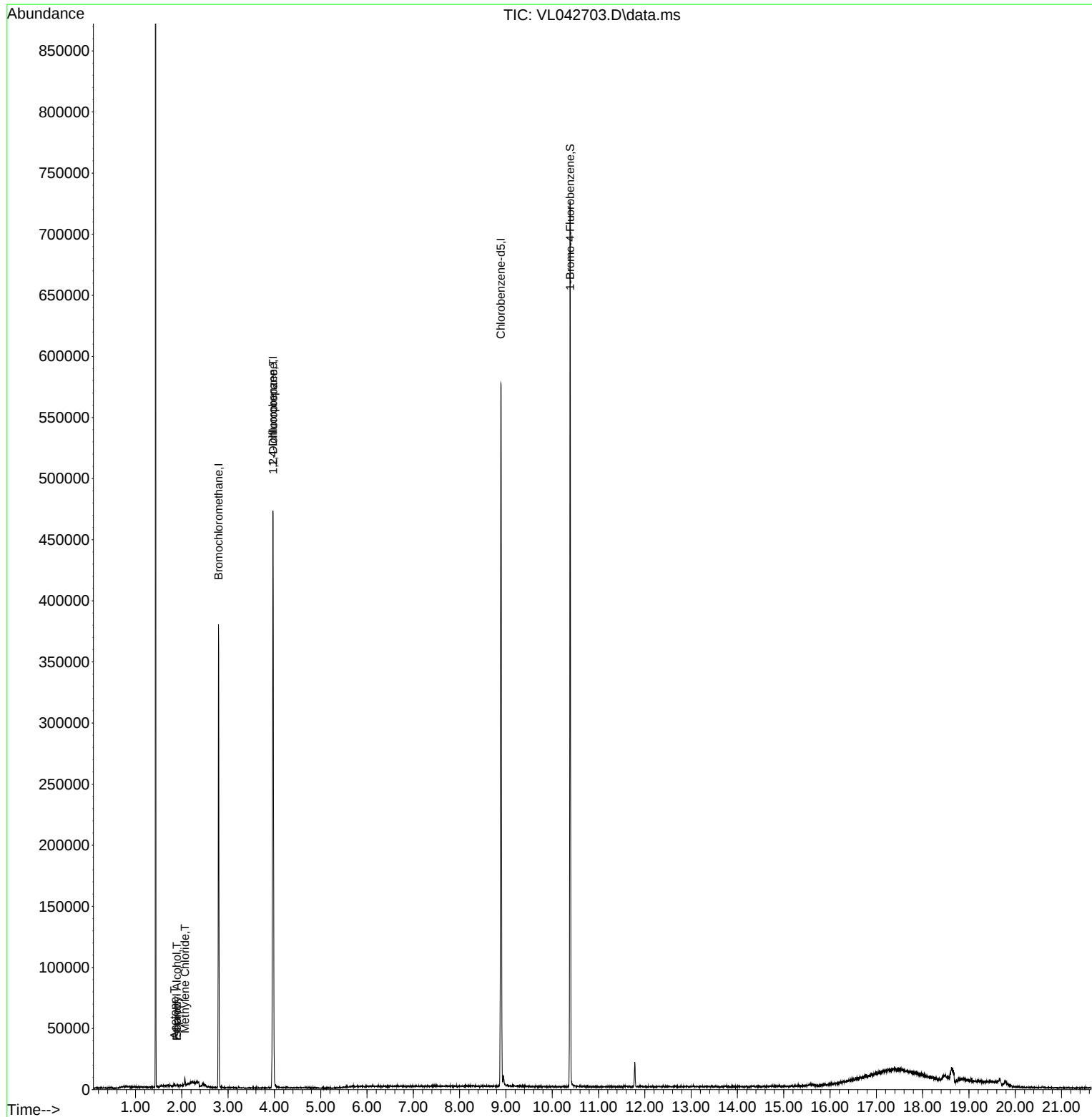
Internal Standards						
1) Bromochloromethane	2.794	49	113245	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	270763	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	233909	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	174467	9.697	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
13) Ethanol	1.894	45	238	0.372	ppbv #	37
15) Acetone	1.842	43	1141	0.102	ppbv #	76
19) Isopropyl Alcohol	1.894	45	238	0.037	ppbv #	1
20) Methylene Chloride	2.069	84	869	0.202	ppbv #	89
39) 1,2-Dichloropropane	3.972	63	70325	6.608	ppbv #	22

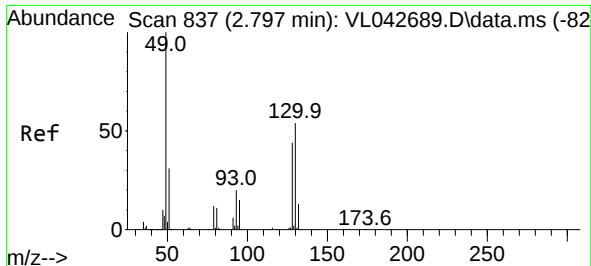
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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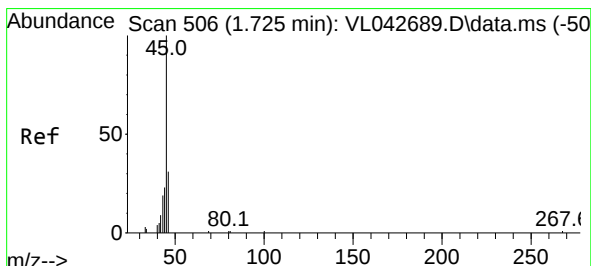
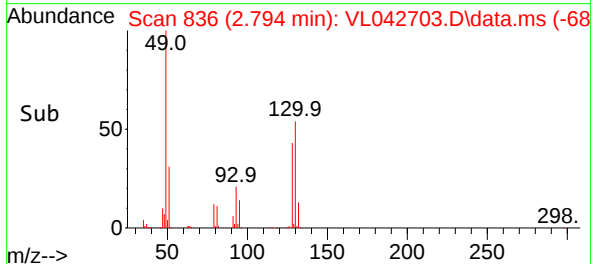
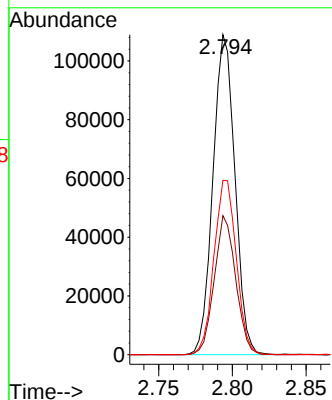
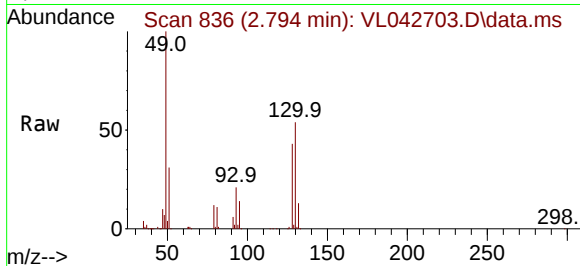




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

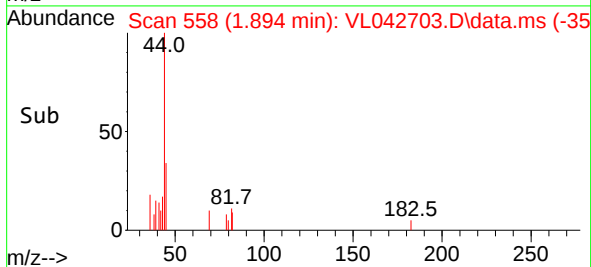
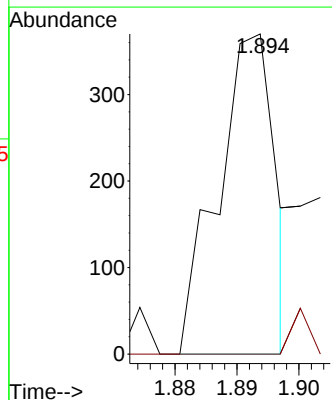
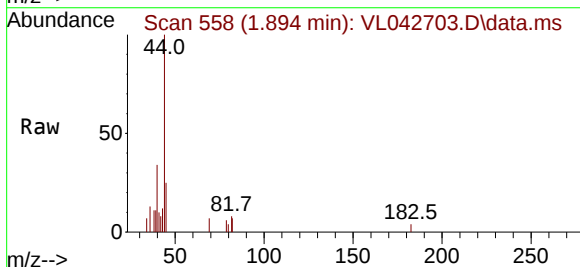
Instrument :
MSVOA_L
ClientSampleId :
QC070225 CAN 10311

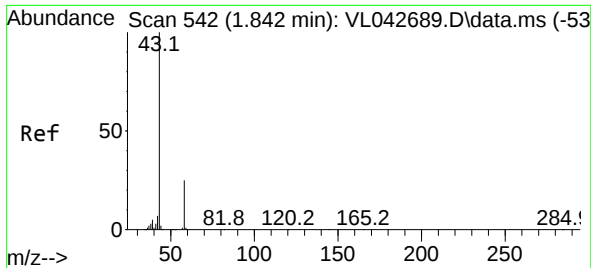
Tgt Ion: 49 Resp: 113245
Ion Ratio Lower Upper
49 100
128 42.3 21.4 64.2
130 55.3 28.0 84.0



#13
Ethanol
Concen: 0.372 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.168 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Tgt Ion: 45 Resp: 238
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#

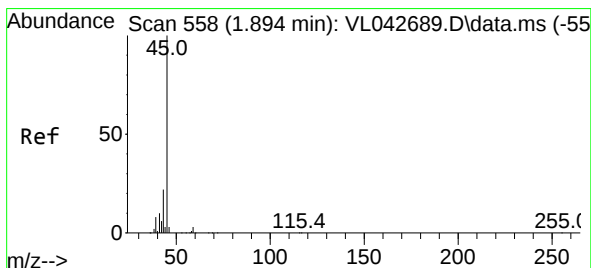
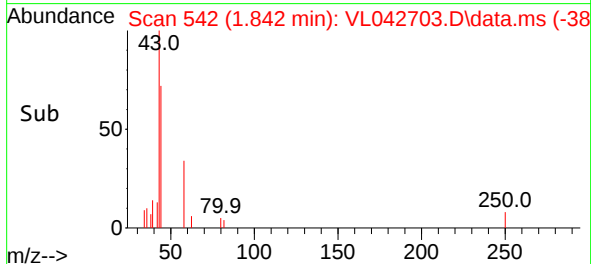
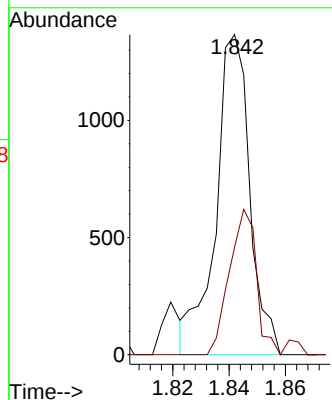
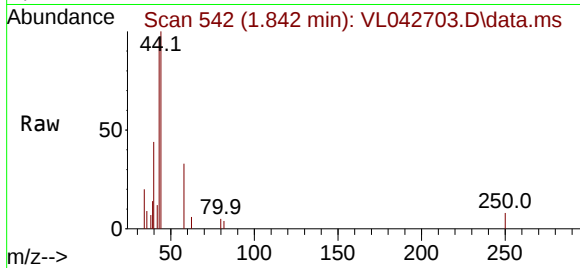




#15
Acetone
Concen: 0.102 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

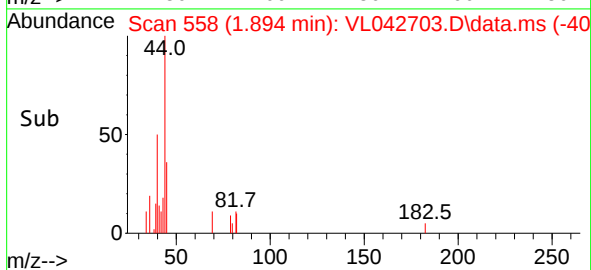
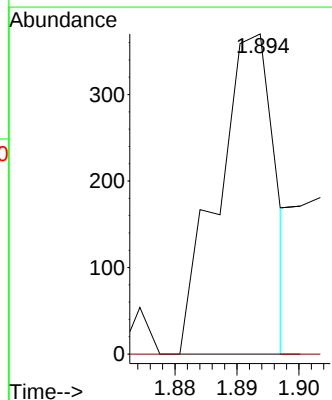
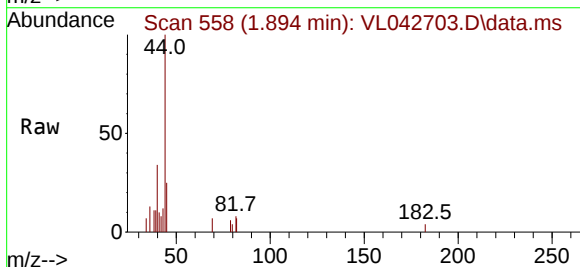
Instrument :
MSVOA_L
ClientSampleId :
QC070225 CAN 10311

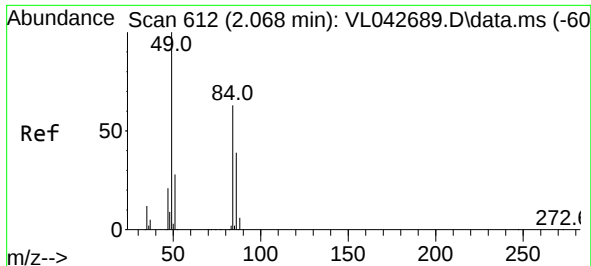
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 38.1 20.6 31.0#



#19
Isopropyl Alcohol
Concen: 0.037 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.000 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

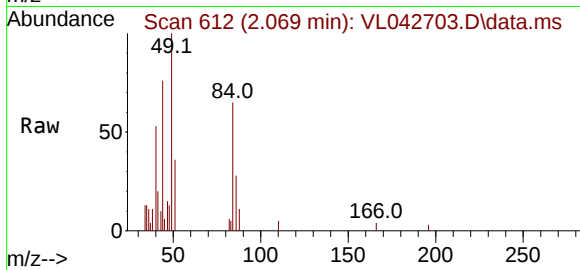
Tgt Ion: 45 Resp: 238
Ion Ratio Lower Upper
45 100
58 182.8 1.4 2.2#



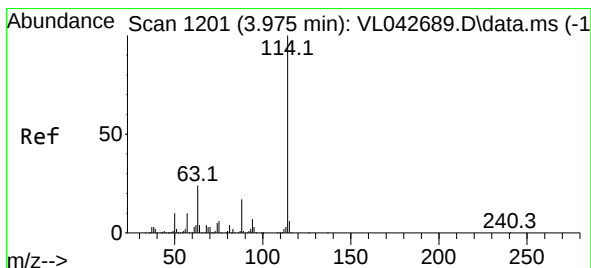
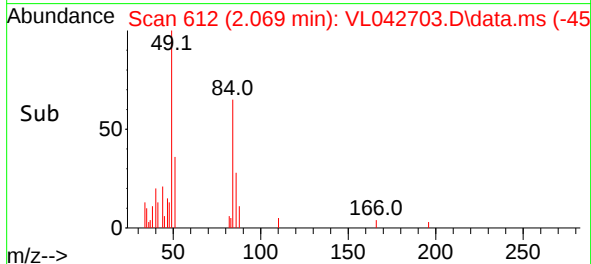
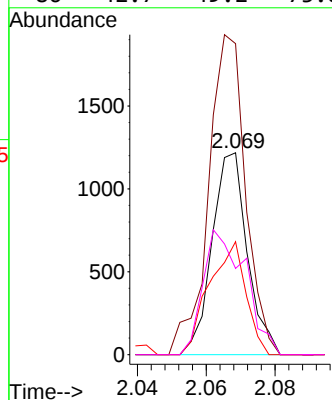


#20
Methylene Chloride
Concen: 0.202 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Instrument :
MSVOA_L
ClientSampleId :
QC070225 CAN 10311

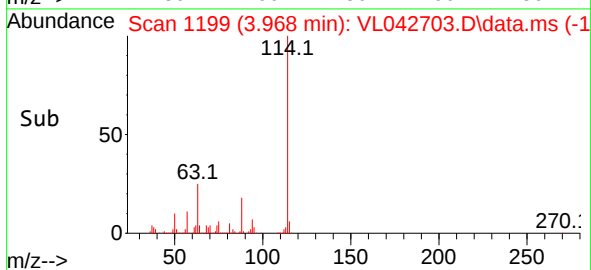
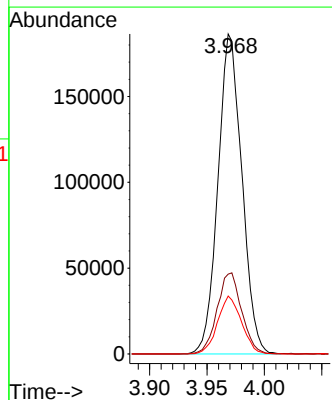
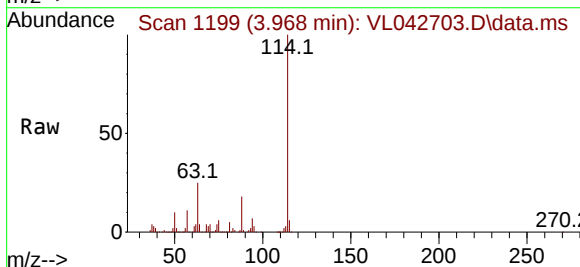


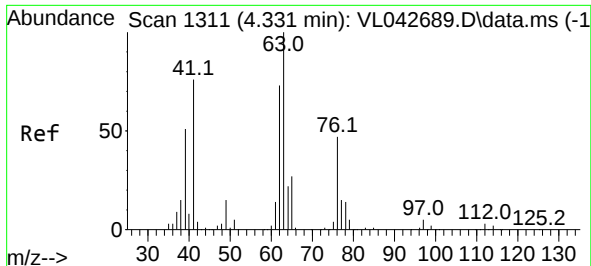
Tgt Ion:	84	Resp:	869
Ion	Ratio	Lower	Upper
84	100		
49	154.0	128.6	193.0
51	55.9	37.4	56.2
86	42.7	49.2	73.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL042703.D
Acq: 03 Jul 2025 11:10

Tgt Ion:	114	Resp:	270763
Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.4	30.6
88	18.0	14.2	21.2





#39

1,2-Dichloropropane

Concen: 6.608 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.359 min

Lab File: VL042703.D

Acq: 03 Jul 2025 11:10

Instrument :

MSVOA_L

ClientSampleId :

QC070225 CAN 10311

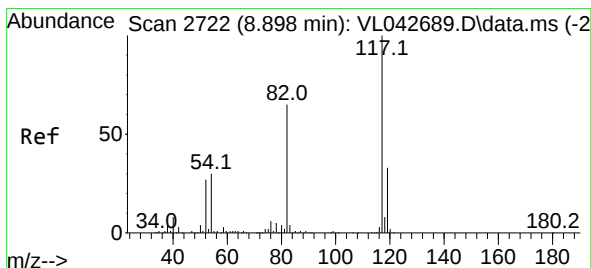
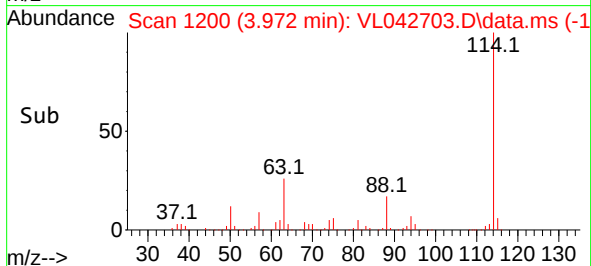
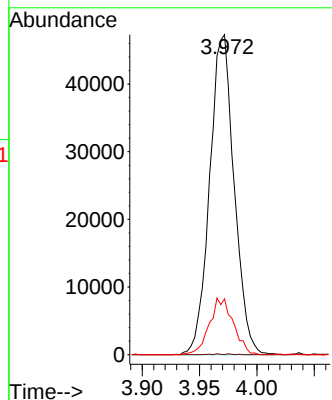
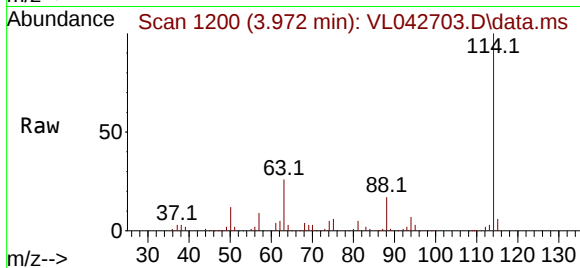
Tgt Ion: 63 Resp: 70325

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 17.5 58.6 87.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. -0.006 min

Lab File: VL042703.D

Acq: 03 Jul 2025 11:10

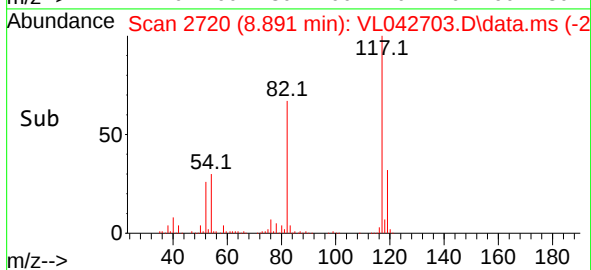
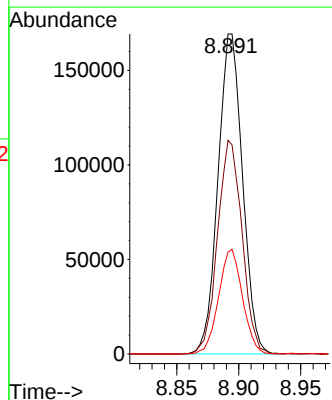
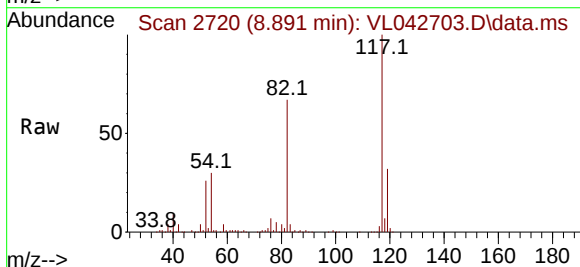
Tgt Ion: 117 Resp: 233909

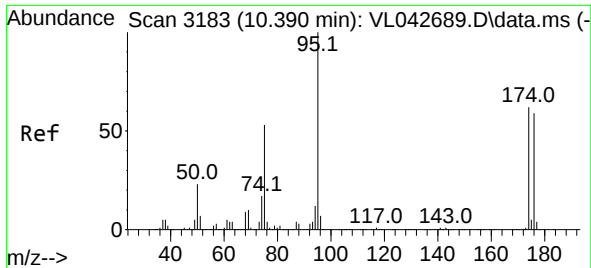
Ion Ratio Lower Upper

117 100

82 66.6 53.4 80.2

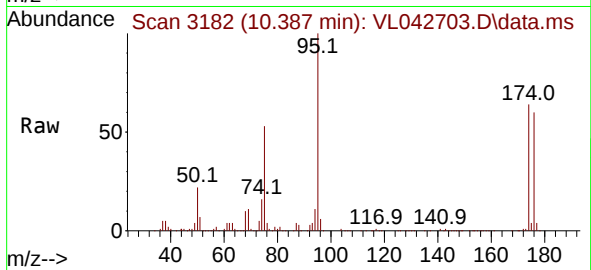
119 31.8 26.6 39.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.697 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042703.D
 Acq: 03 Jul 2025 11:10

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070225 CAN 10311



Tgt Ion: 95 Resp: 174467

Ion	Ratio	Lower	Upper
95	100		
174	64.3	51.2	76.8
175	4.5	3.8	5.8

