

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042599.D
 Acq On : 29 May 2025 22:52
 Operator : SY/MD
 Sample : CAN10053
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10053

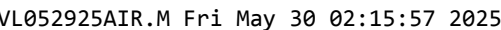
Quant Time: May 30 02:15:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

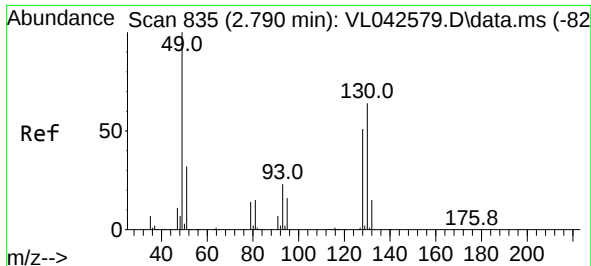
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.794	49	99269	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	273442	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	248692	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	189014	10.139	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
4) Chloromethane	1.531	50	190	0.039	ppbv #	42
9) Propene	1.489	41	234	0.035	ppbv #	17
13) Ethanol	1.751	45	127	0.157	ppbv #	8
15) Acetone	1.839	43	597	0.050	ppbv #	84
16) 1,3-Butadiene	1.599	39	261	0.046	ppbv #	34
20) Methylene Chloride	2.065	84	654	0.166	ppbv #	76
39) 1,2-Dichloropropane	3.972	63	26697	2.681	ppbv #	23

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

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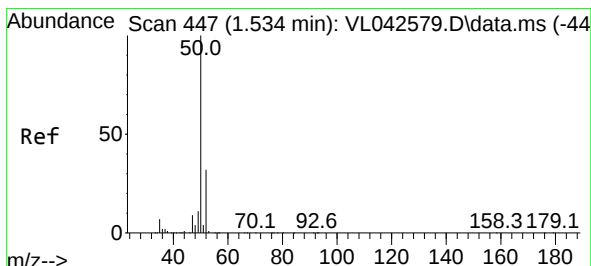
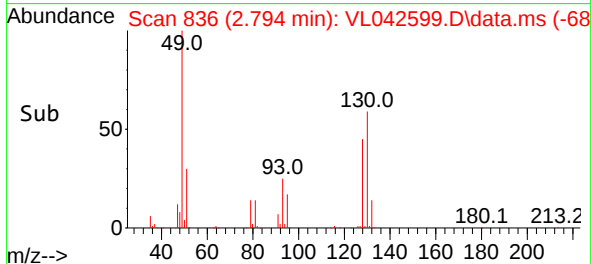
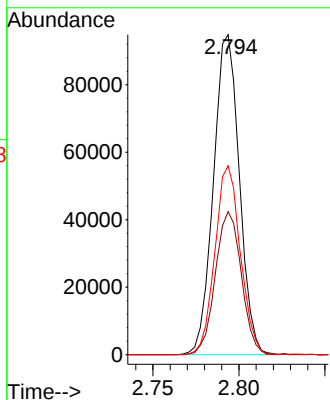
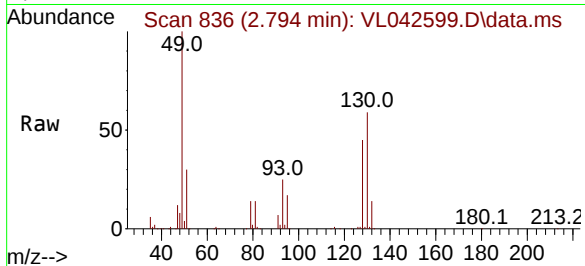




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

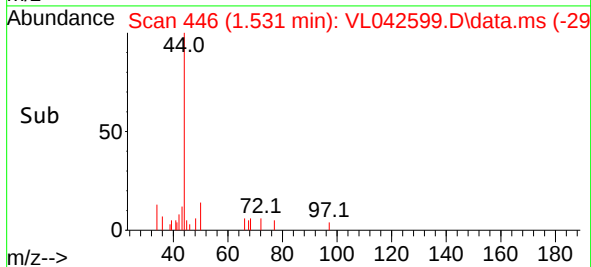
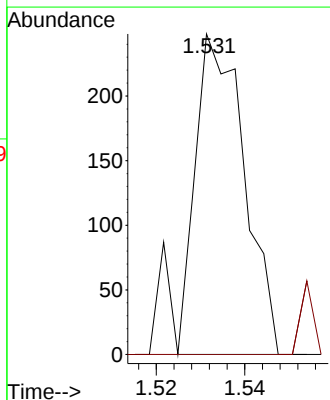
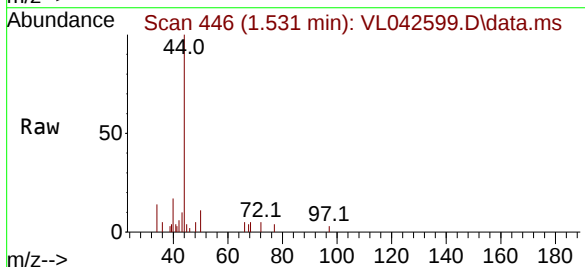
Instrument :
MSVOA_L
ClientSampleId :
CAN10053

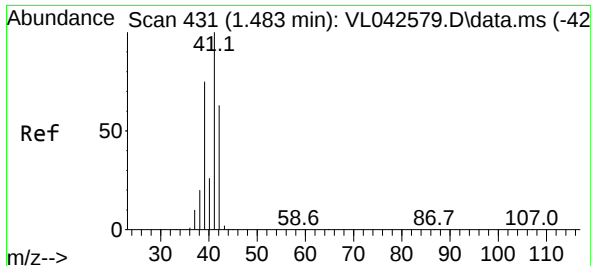
Tgt Ion: 49 Resp: 99269
Ion Ratio Lower Upper
49 100
128 44.9 24.2 72.6
130 58.1 30.4 91.2



#4
Chloromethane
Concen: 0.039 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042599.D
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Tgt Ion: 50 Resp: 190
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#





#9

Propene

Concen: 0.035 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL042599.D

Acq: 29 May 2025 22:52

Instrument :

MSVOA_L

ClientSampleId :

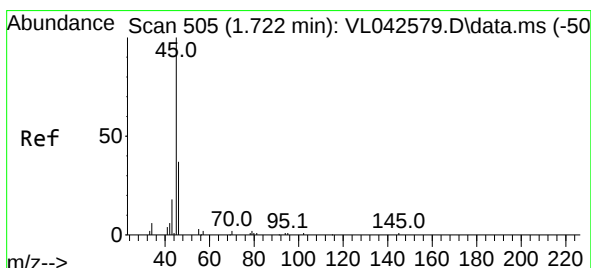
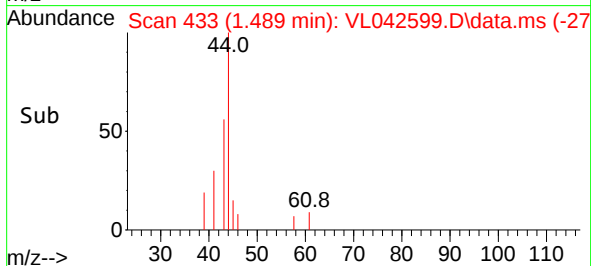
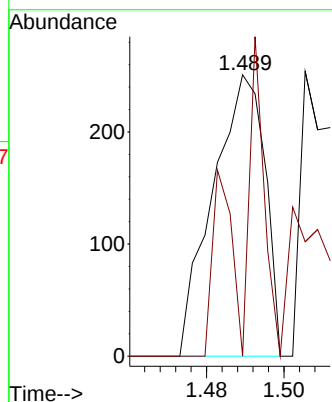
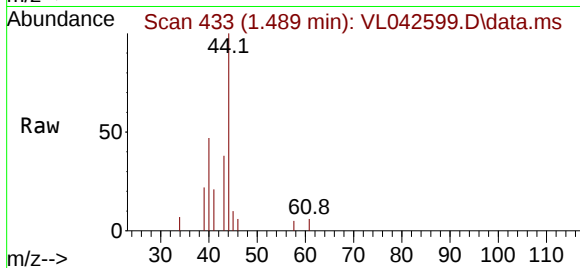
CAN10053

Tgt Ion: 41 Resp: 234

Ion Ratio Lower Upper

41 100

42 0.0 53.3 79.9#



#13

Ethanol

Concen: 0.157 ppbv

RT: 1.751 min Scan# 514

Delta R.T. 0.029 min

Lab File: VL042599.D

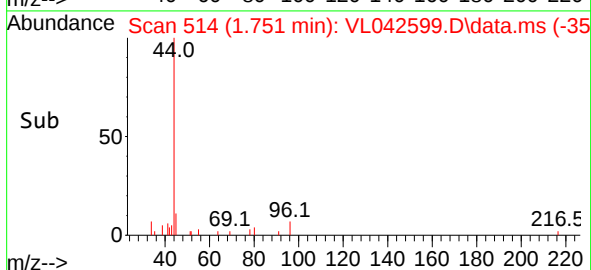
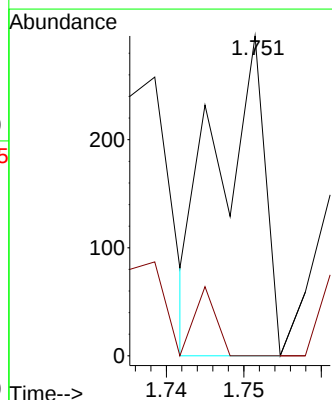
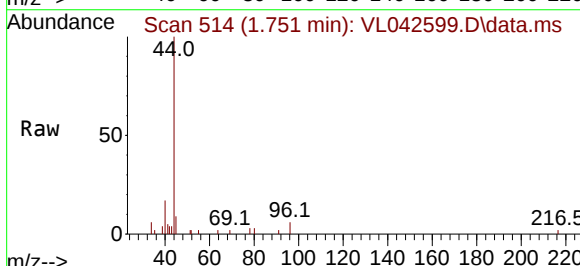
Acq: 29 May 2025 22:52

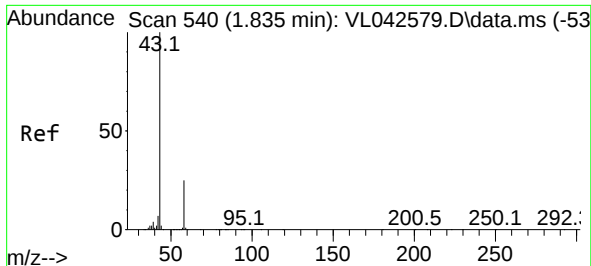
Tgt Ion: 45 Resp: 127

Ion Ratio Lower Upper

45 100

46 90.6 14.5 58.1#





#15

Acetone

Concen: 0.050 ppbv

RT: 1.839 min Scan# 540

Delta R.T. 0.003 min

Lab File: VL042599.D

Acq: 29 May 2025 22:52

Instrument :

MSVOA_L

ClientSampleId :

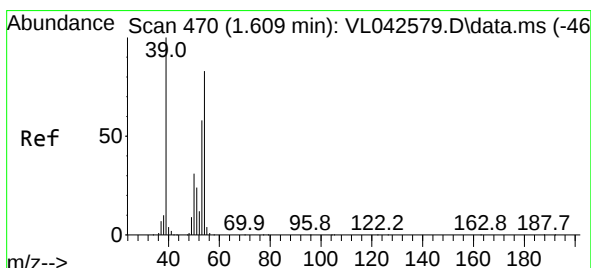
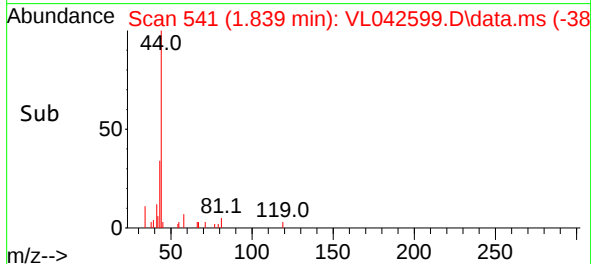
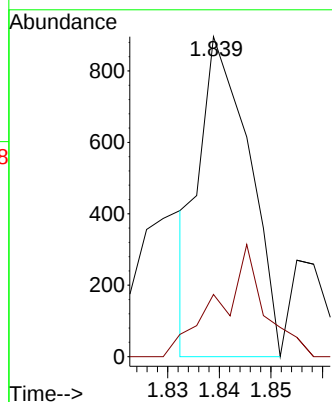
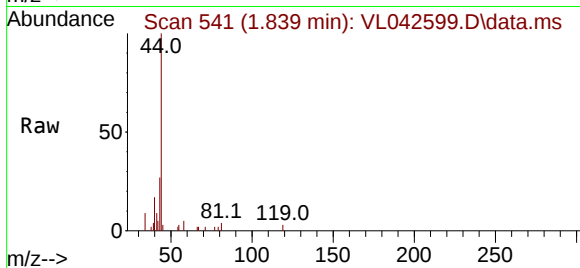
CAN10053

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

58 34.3 21.0 31.4#



#16

1,3-Butadiene

Concen: 0.046 ppbv

RT: 1.599 min Scan# 467

Delta R.T. -0.010 min

Lab File: VL042599.D

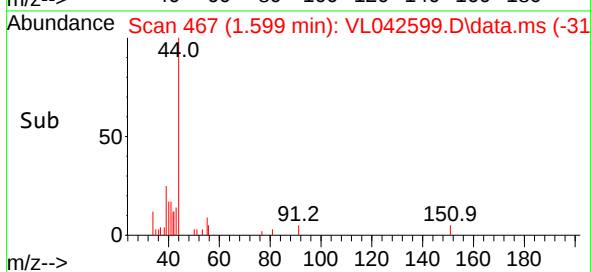
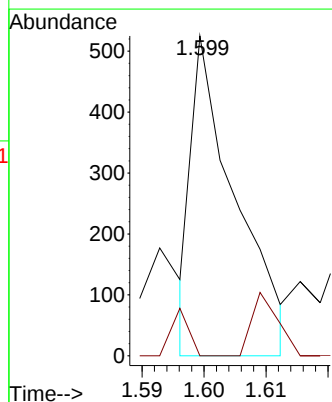
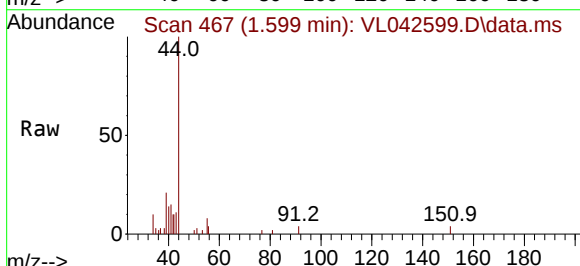
Acq: 29 May 2025 22:52

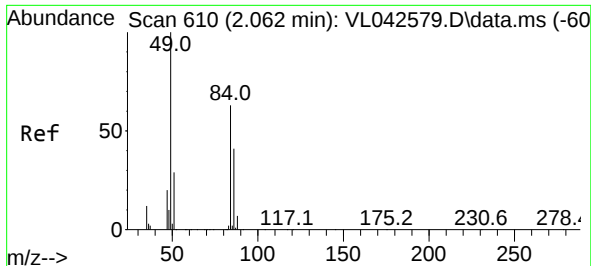
Tgt Ion: 39 Resp: 261

Ion Ratio Lower Upper

39 100

54 17.6 57.9 86.9#

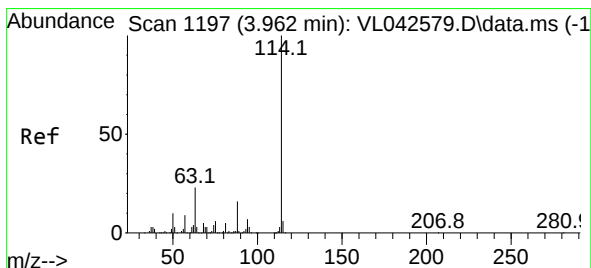
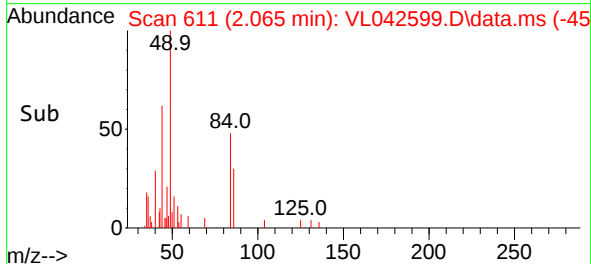
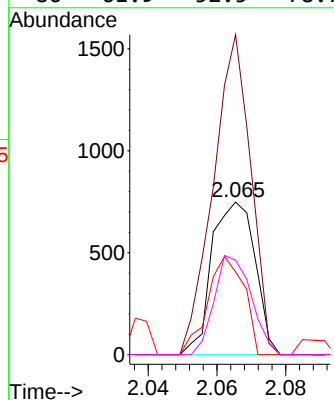
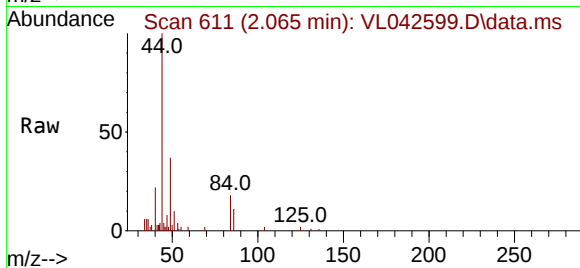




#20
Methylene Chloride
Concen: 0.166 ppbv
RT: 2.065 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

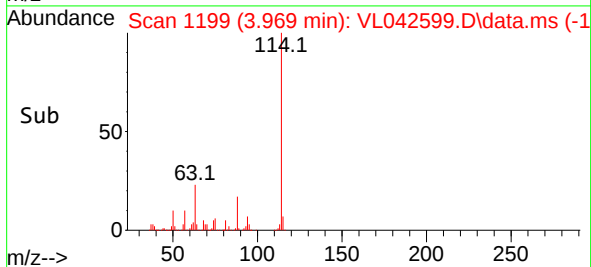
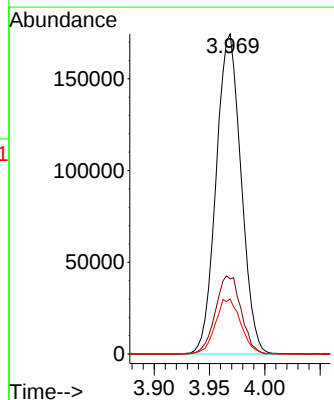
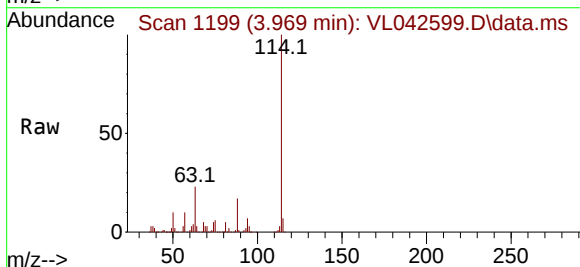
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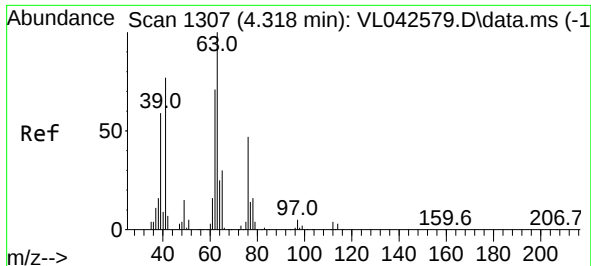
Tgt Ion:	84	Resp:	654
Ion	Ratio	Lower	Upper
84	100		
49	209.6	128.8	193.2#
51	54.3	38.6	57.8
86	61.9	52.5	78.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. 0.007 min
Lab File: VL042599.D
Acq: 29 May 2025 22:52

Tgt Ion:	114	Resp:	273442
Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.0	28.6
88	17.4	13.6	20.4





#39

1,2-Dichloropropane

Concen: 2.681 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.346 min

Lab File: VL042599.D

Acq: 29 May 2025 22:52

Instrument :

MSVOA_L

ClientSampleId :

CAN10053

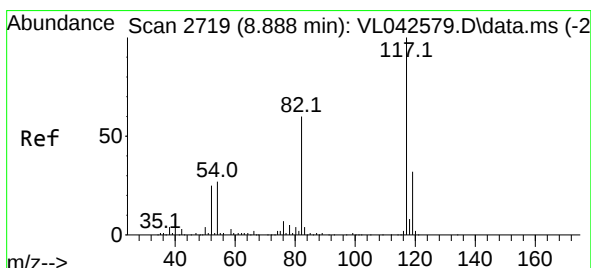
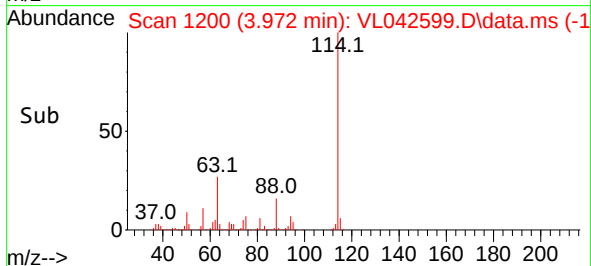
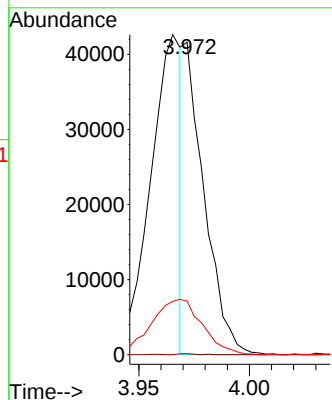
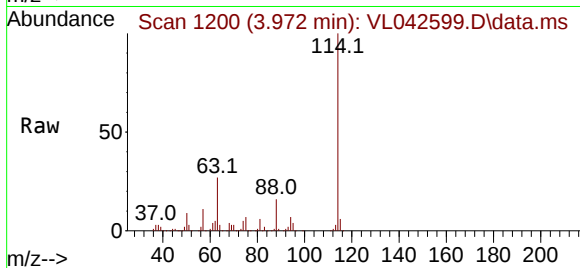
Tgt Ion: 63 Resp: 26697

Ion Ratio Lower Upper

63 100

41 0.3 61.8 92.6#

62 17.2 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. 0.003 min

Lab File: VL042599.D

Acq: 29 May 2025 22:52

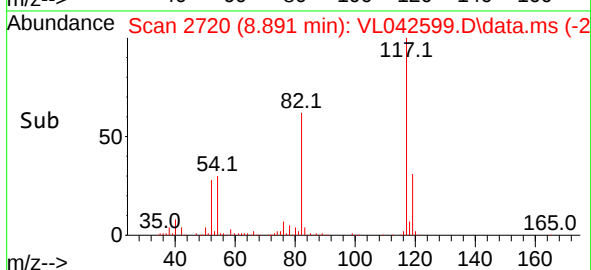
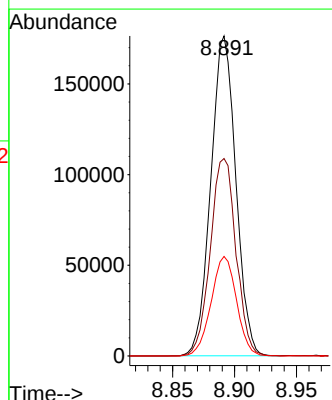
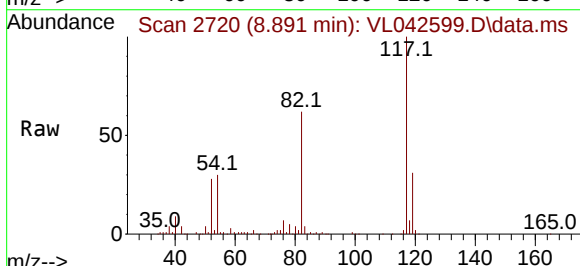
Tgt Ion: 117 Resp: 248692

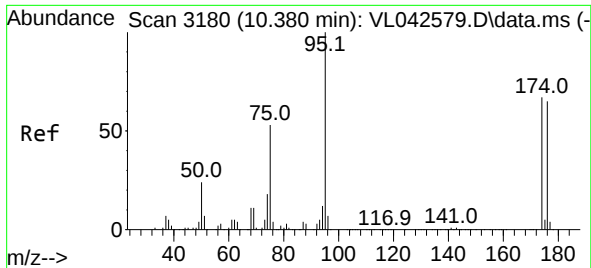
Ion Ratio Lower Upper

117 100

82 63.3 51.2 76.8

119 31.6 26.3 39.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.139 ppbv
 RT: 10.384 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL042599.D
 Acq: 29 May 2025 22:52

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10053

Tgt Ion: 95 Resp: 189014
 Ion Ratio Lower Upper
 95 100
 174 64.1 53.1 79.7
 175 4.9 4.2 6.2

