

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042450.D
 Acq On : 29 Apr 2025 17:04
 Operator : SY/MD
 Sample : Q1880-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-P11-SC-SS01-20250421DL

Quant Time: Apr 30 01:23:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

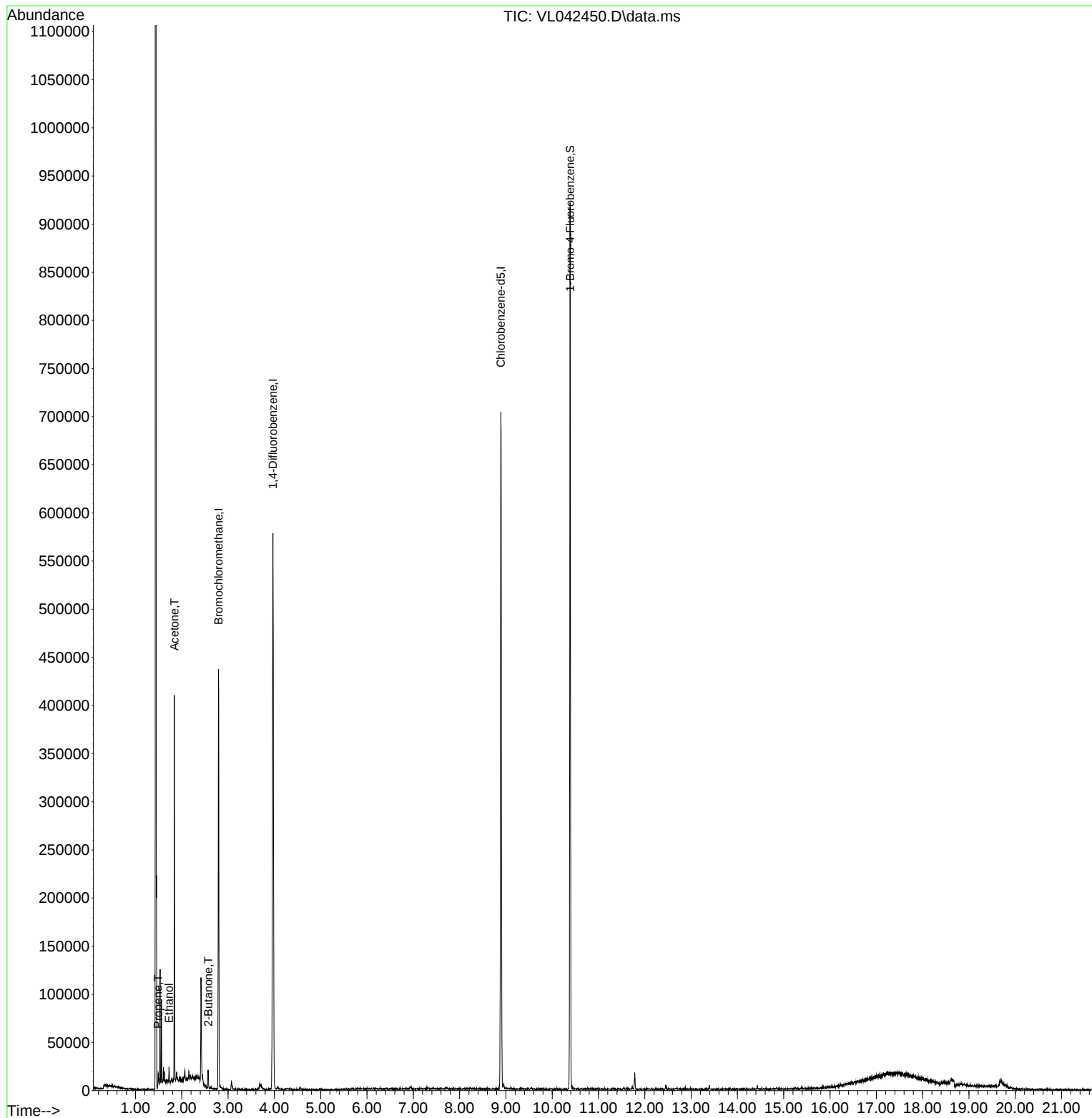
Internal Standards						
1) Bromochloromethane	2.794	49	113127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	299787	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	249502	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	219145	10.689	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.900%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	1638	0.189	ppbv	90
13) Ethanol	1.726	45	5856	4.251	ppbv	76
15) Acetone	1.839	43	163492	8.828	ppbv	96
34) 2-Butanone	2.570	43	11098	0.468	ppbv	96

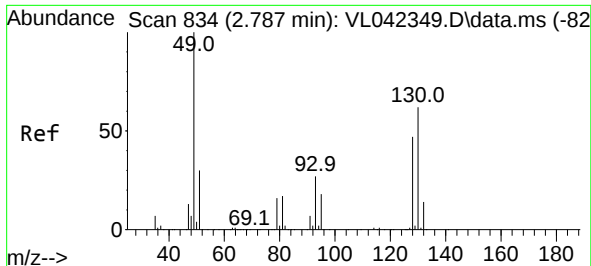
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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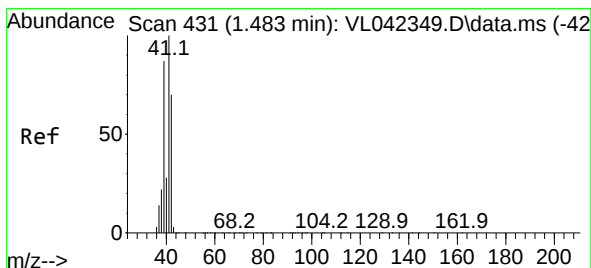
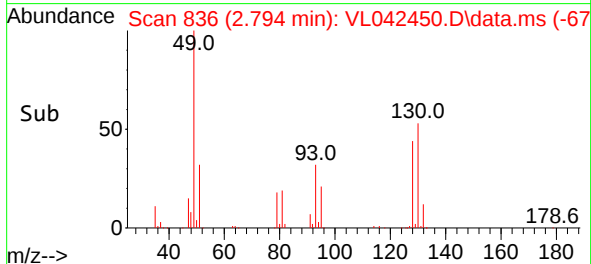
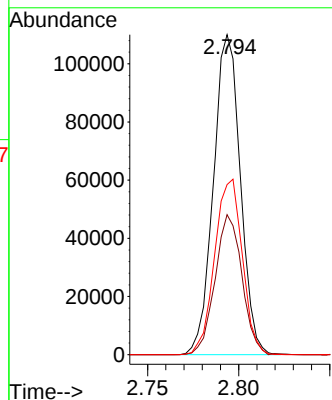
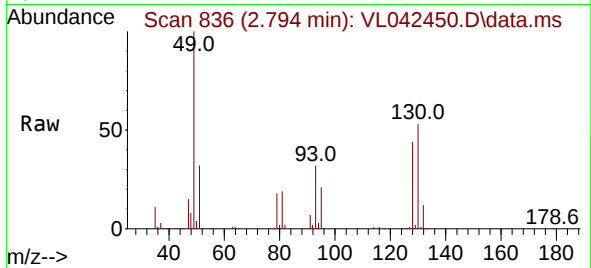




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

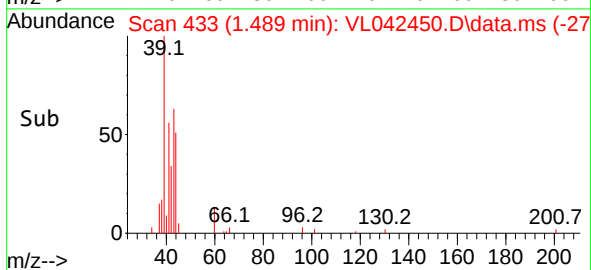
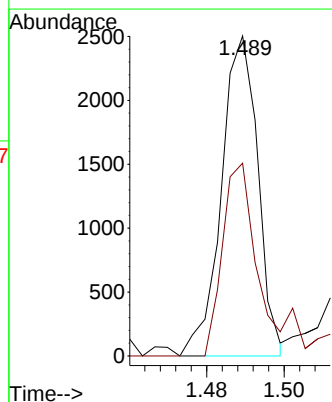
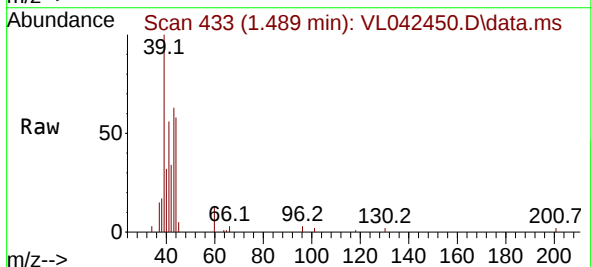
Instrument :
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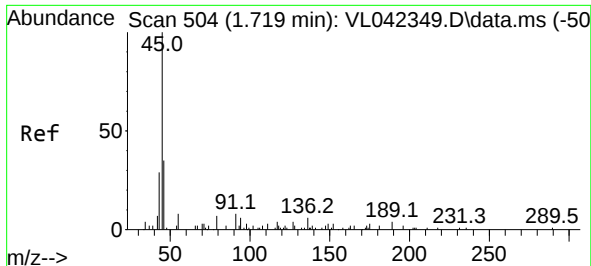
Tgt Ion: 49 Resp: 113127
Ion Ratio Lower Upper
49 100
128 43.8 22.8 68.4
130 56.4 29.3 88.0



#9
Propene
Concen: 0.189 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.007 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

Tgt Ion: 41 Resp: 1638
Ion Ratio Lower Upper
41 100
42 62.1 56.2 84.4

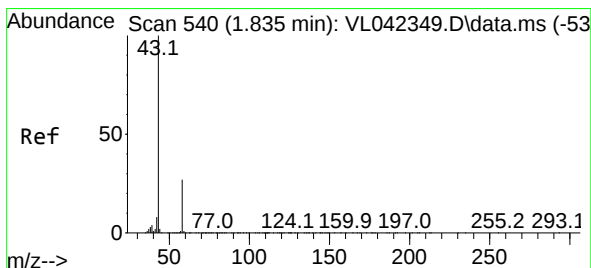
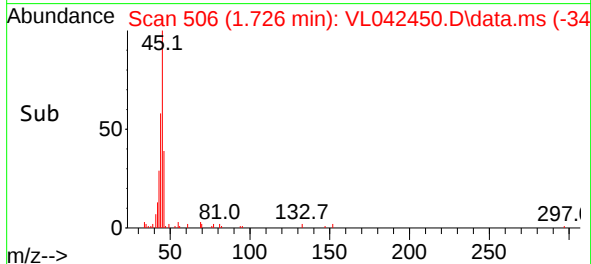
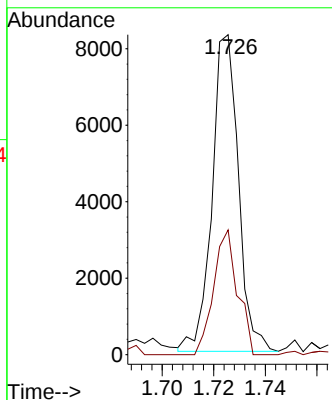
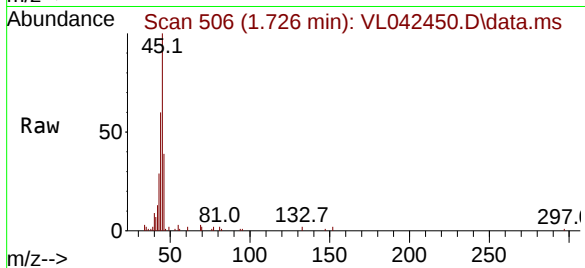




#13
Ethanol
Concen: 4.251 ppbv
RT: 1.726 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

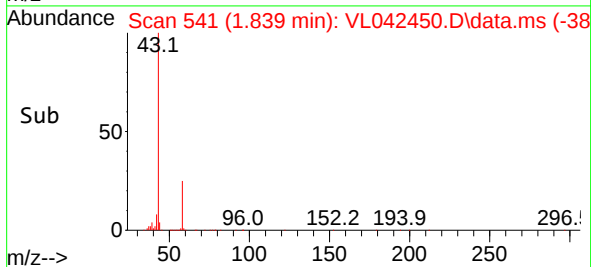
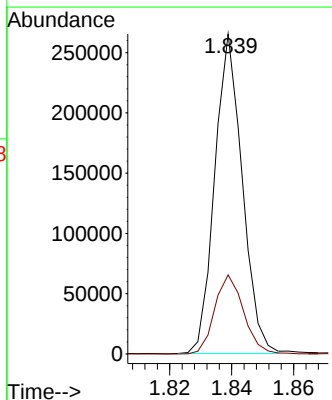
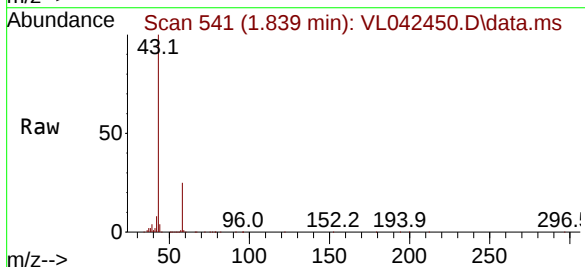
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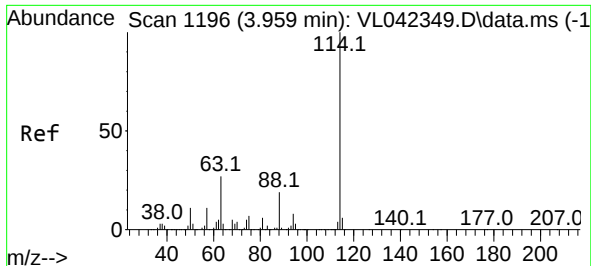
Tgt Ion: 45 Resp: 5856
Ion Ratio Lower Upper
45 100
46 37.2 21.9 87.7



#15
Acetone
Concen: 8.828 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

Tgt Ion: 43 Resp: 163492
Ion Ratio Lower Upper
43 100
58 26.0 22.4 33.6

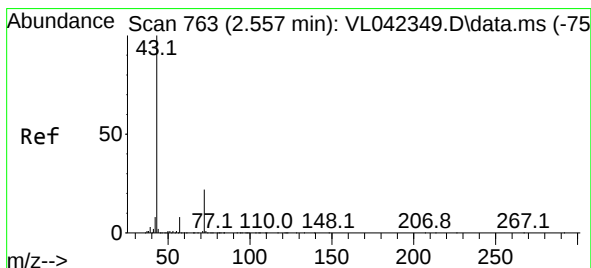
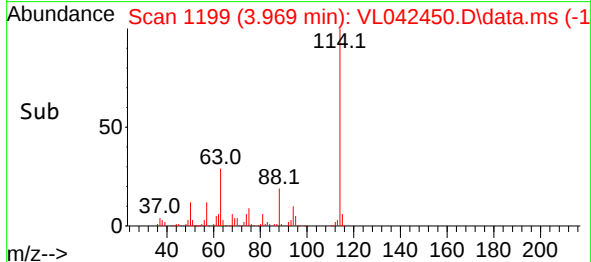
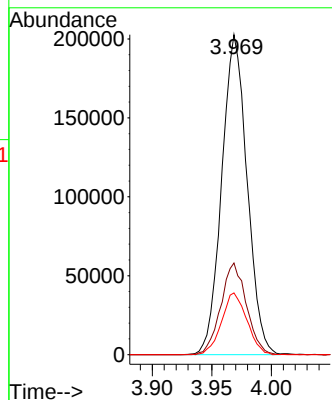
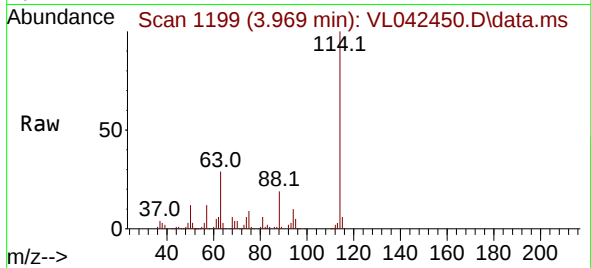




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1196
Delta R.T. 0.010 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

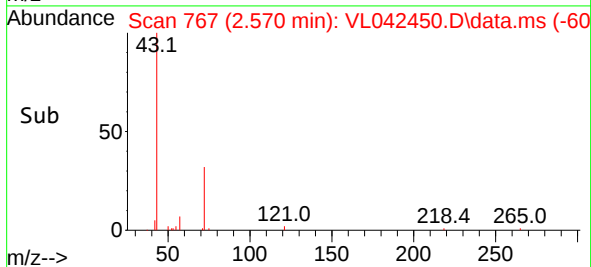
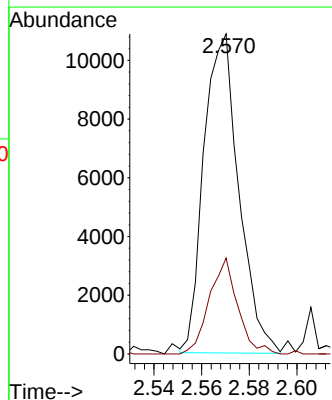
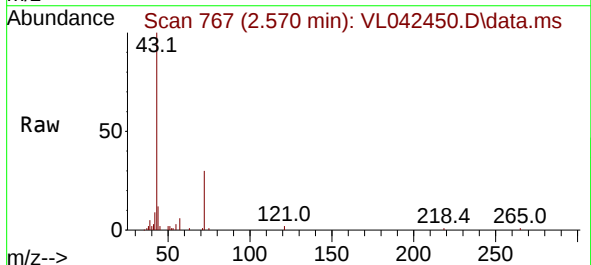
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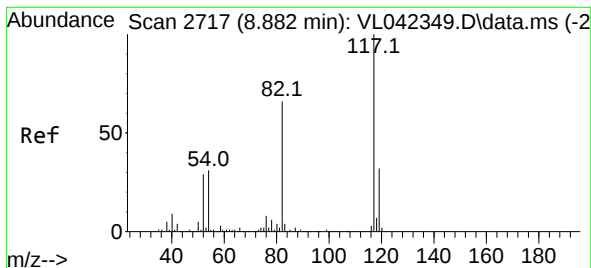
Tgt Ion:114 Resp: 299787
Ion Ratio Lower Upper
114 100
63 29.0 21.8 32.6
88 19.3 15.5 23.3



#34
2-Butanone
Concen: 0.468 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.013 min
Lab File: VL042450.D
Acq: 29 Apr 2025 17:04

Tgt Ion: 43 Resp: 11098
Ion Ratio Lower Upper
43 100
72 24.6 18.2 27.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042450.D

Acq: 29 Apr 2025 17:04

Instrument :

MSVOA_L

ClientSampleId :

EBR-P11-SC-SS01-20250421DL

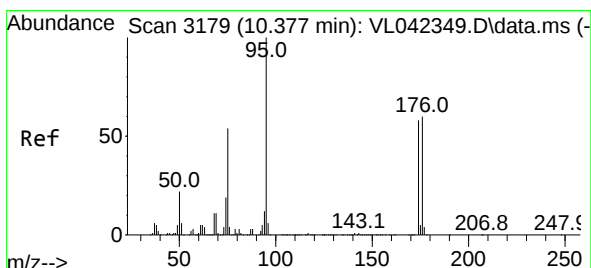
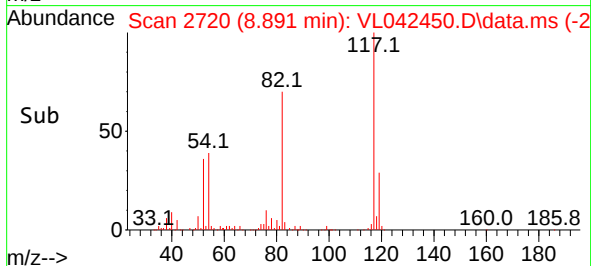
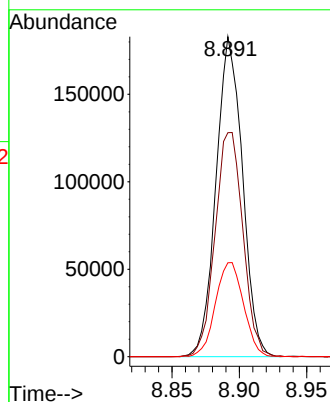
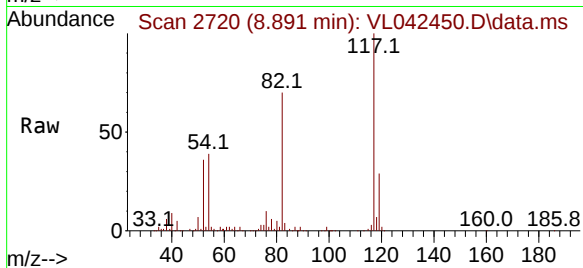
Tgt Ion:117 Resp: 249502

Ion Ratio Lower Upper

117 100

82 73.9 57.8 86.6

119 31.3 25.2 37.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.689 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. 0.010 min

Lab File: VL042450.D

Acq: 29 Apr 2025 17:04

Tgt Ion: 95 Resp: 219145

Ion Ratio Lower Upper

95 100

174 51.5 48.5 72.7

175 3.9 3.7 5.5

