

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042446.D
 Acq On : 29 Apr 2025 14:51
 Operator : SY/MD
 Sample : Q1908-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:21:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	2.790	49	113455	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	303124	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	255681	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	226776	10.794	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.900%
Target Compounds						
					Qvalue	
13) Ethanol	1.725	45	672m	0.486	ppbv	
15) Acetone	1.839	43	8923	0.480	ppbv	100
20) Methylene Chloride	2.062	84	1481	0.204	ppbv #	88
26) Hexane	2.826	57	3160m	0.171	ppbv	

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

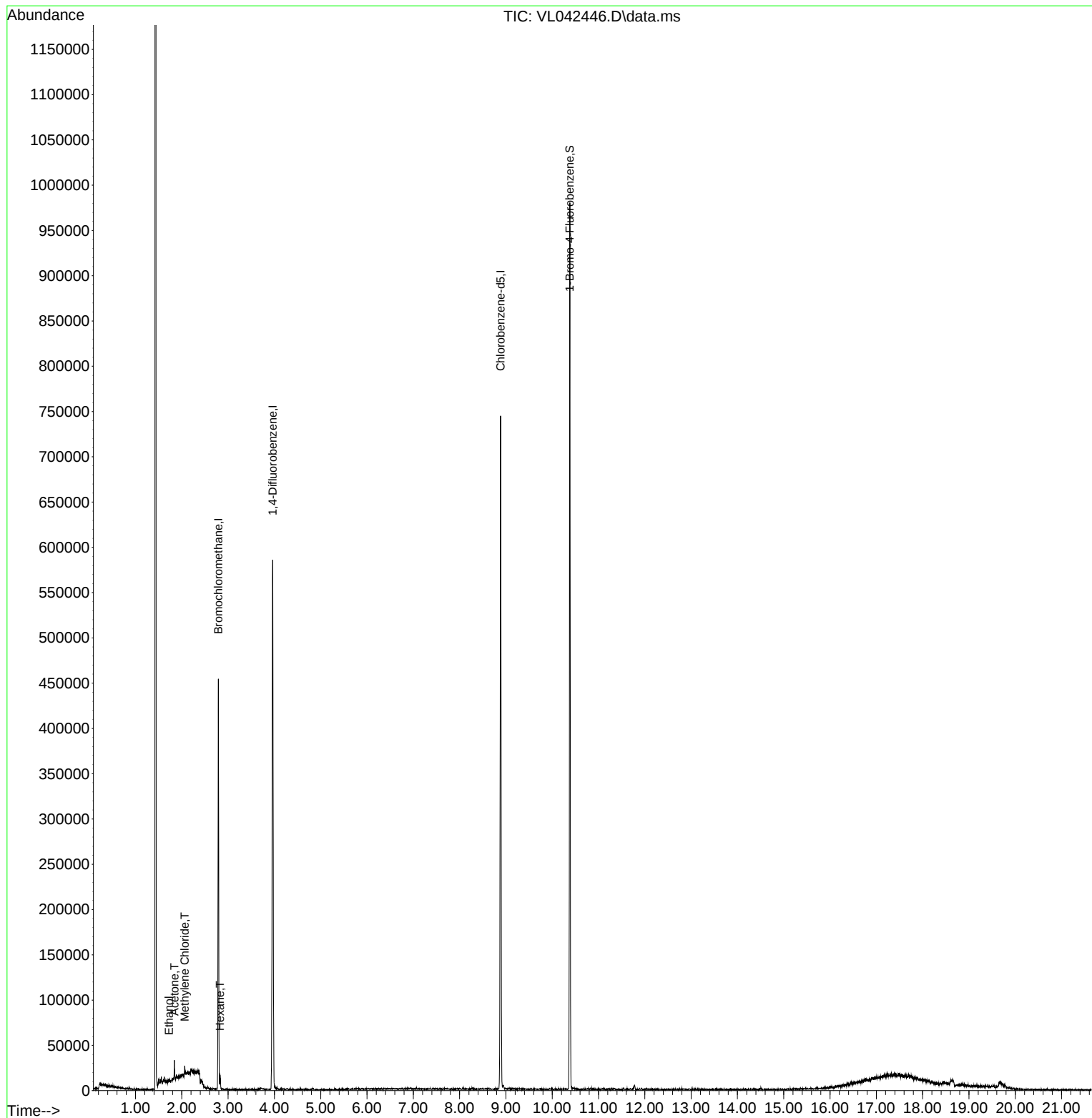
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
Data File : VL042446.D
Acq On : 29 Apr 2025 14:51
Operator : SY/MD
Sample : Q1908-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 8 Sample Multiplier: 1

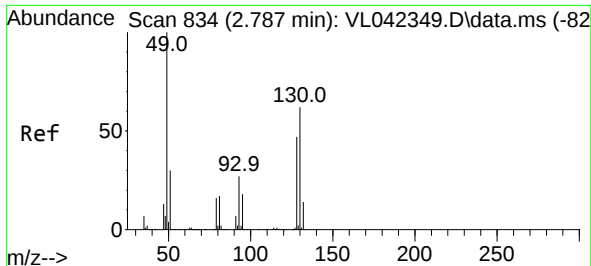
Instrument :
MSVOA_L
ClientSampleId :
B-3DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

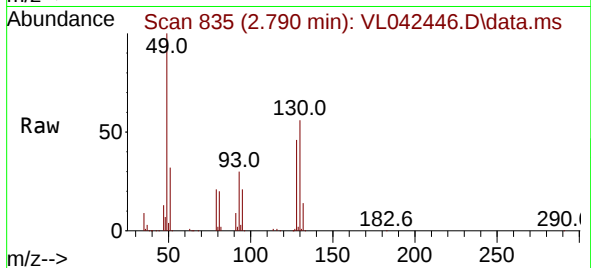
Quant Time: Apr 30 01:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51

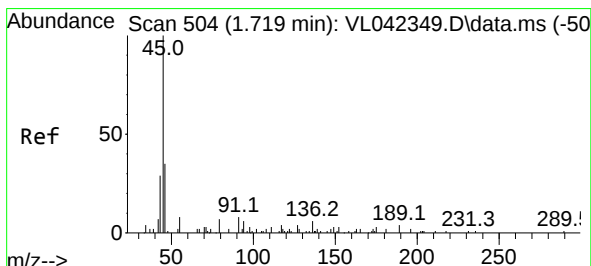
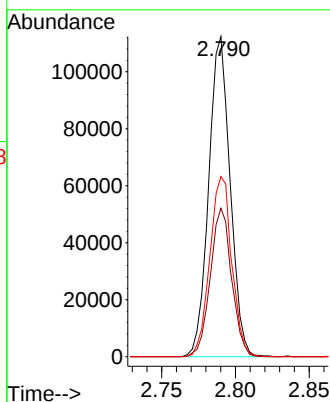
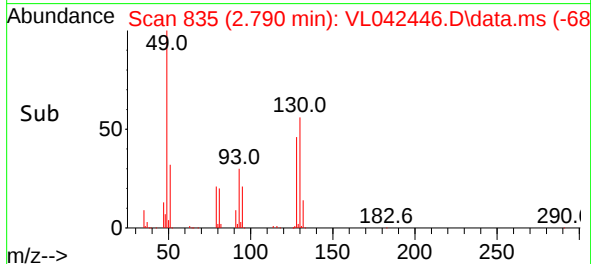
Instrument :
MSVOA_L
ClientSampleId :
B-3DL



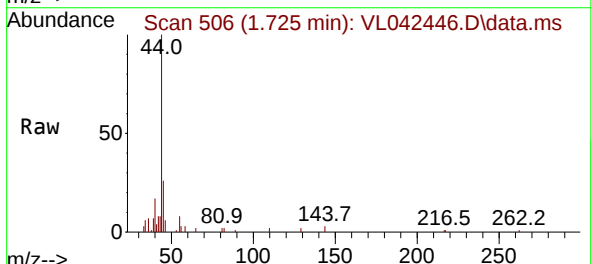
Tgt Ion: 49 Resp: 11345
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.4
130 57.6 29.3 88.0

Manual Integrations
APPROVED

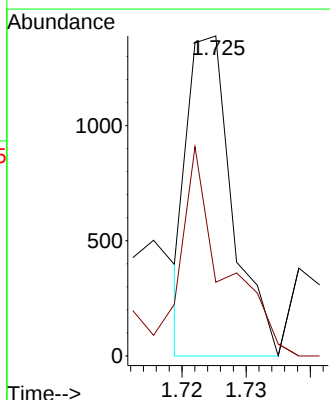
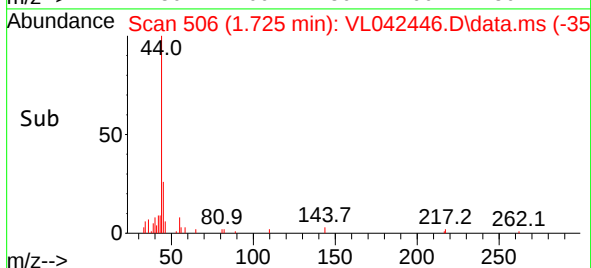
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

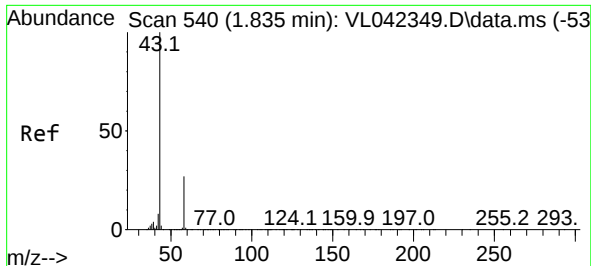


#13
Ethanol
Concen: 0.486 ppbv m
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51



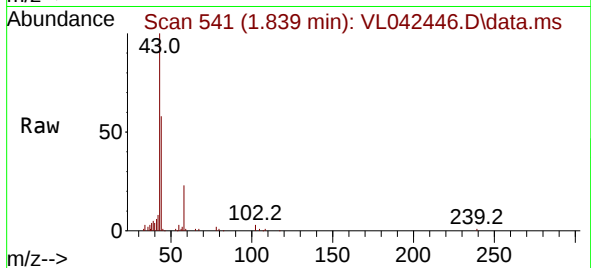
Tgt Ion: 45 Resp: 672
Ion Ratio Lower Upper
45 100
46 25437.2 21.9 87.7#





#15
Acetone
Concen: 0.480 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51

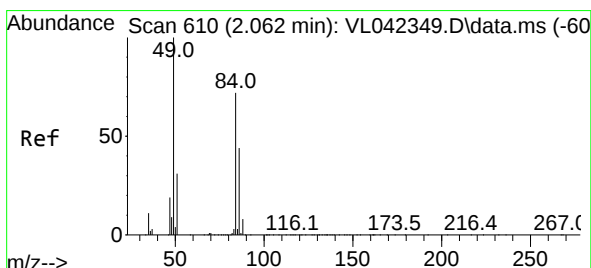
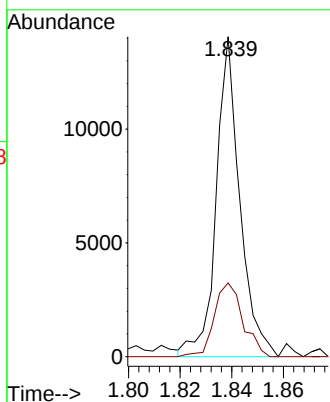
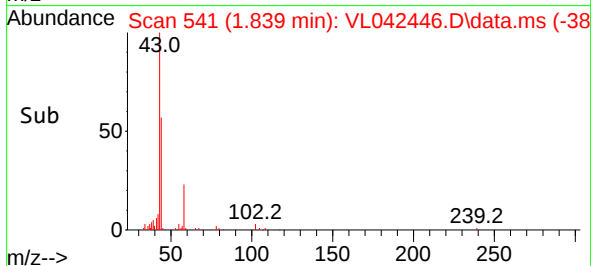
Instrument :
MSVOA_L
ClientSampleId :
B-3DL



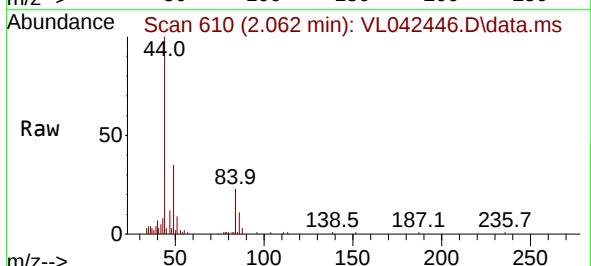
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6

Manual Integrations
APPROVED

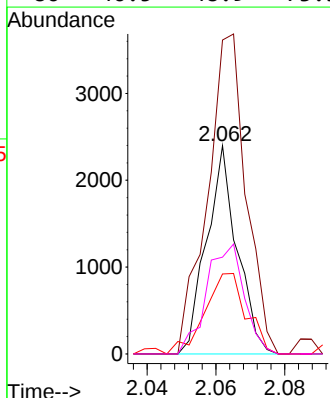
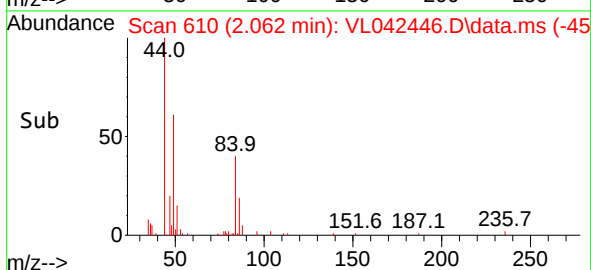
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

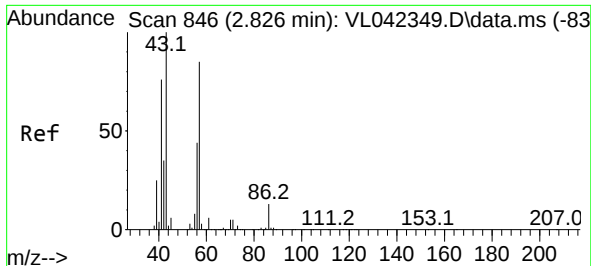


#20
Methylene Chloride
Concen: 0.204 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51



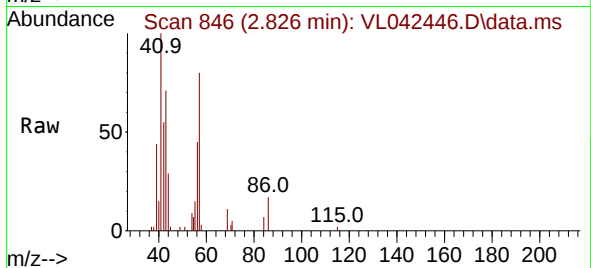
Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
49 150.8 111.6 167.4
51 38.4 35.1 52.7
86 46.5 48.9 73.3





#26
Hexane
Concen: 0.171 ppbv m
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51

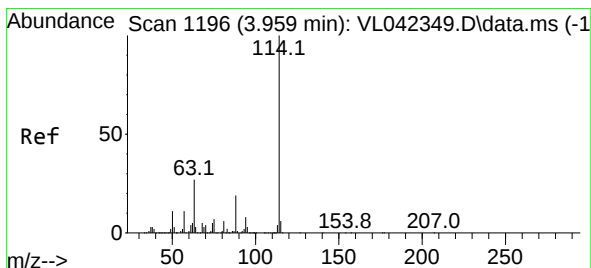
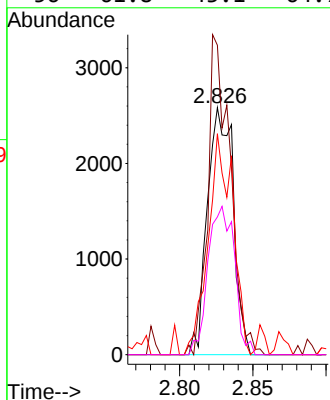
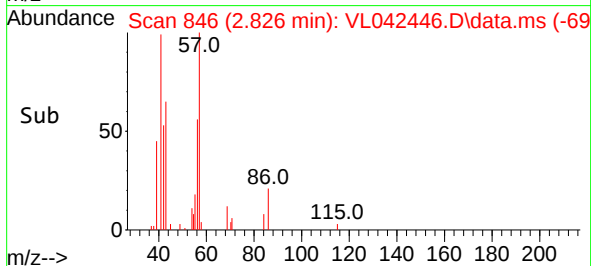
Instrument :
MSVOA_L
ClientSampleId :
B-3DL



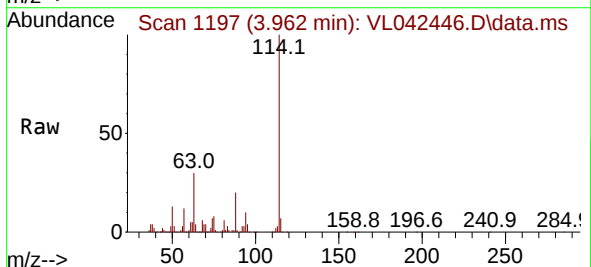
Tgt Ion: 57 Resp: 3160
Ion Ratio Lower Upper
57 100
41 114.5 77.9 116.9
43 91.5 208.4 312.6
56 61.8 43.1 64.7

Manual Integrations
APPROVED

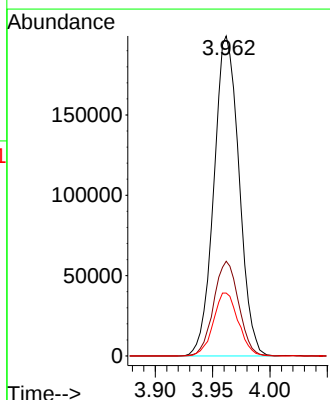
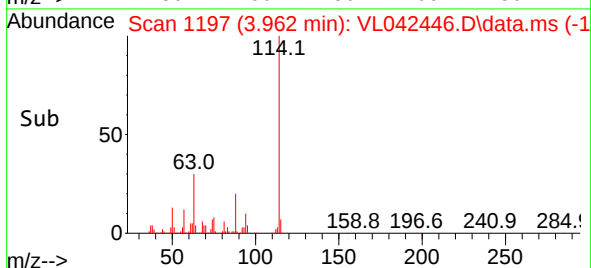
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

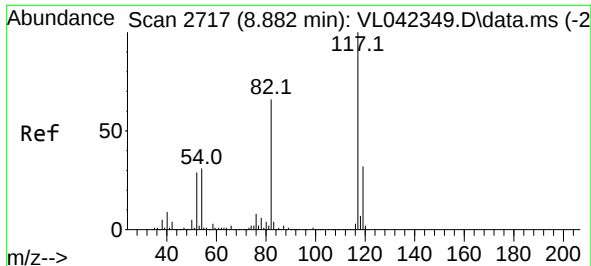


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.003 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51



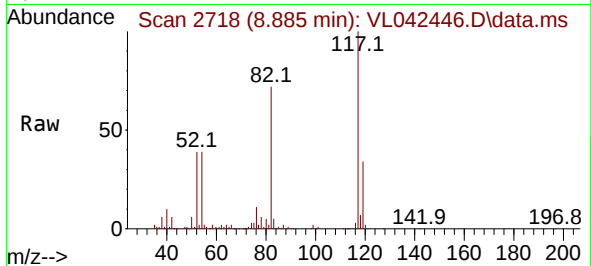
Tgt Ion:114 Resp: 303124
Ion Ratio Lower Upper
114 100
63 29.6 21.8 32.6
88 19.6 15.5 23.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51

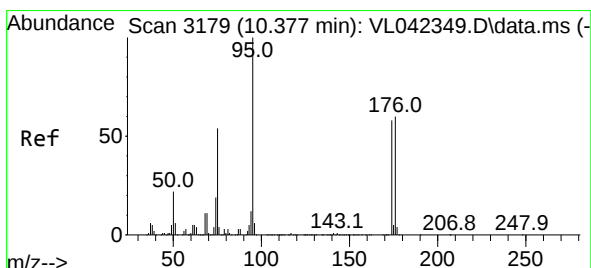
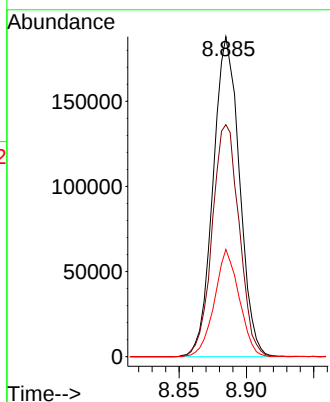
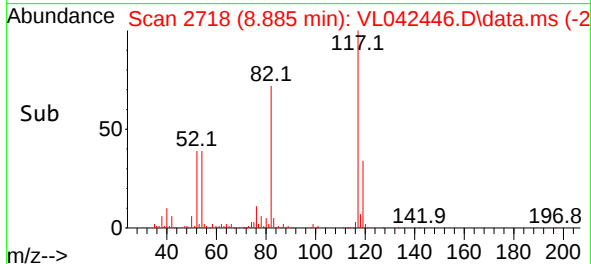
Instrument :
MSVOA_L
ClientSampleId :
B-3DL



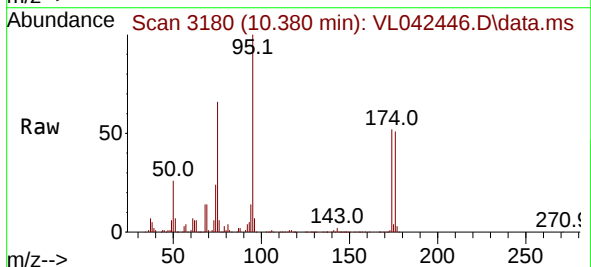
Tgt Ion: 117 Resp: 25568
Ion Ratio Lower Upper
117 100
82 74.4 57.8 86.6
119 31.6 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.794 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042446.D
Acq: 29 Apr 2025 14:51



Tgt Ion: 95 Resp: 226776
Ion Ratio Lower Upper
95 100
174 50.8 48.5 72.7
175 3.7 3.7 5.5

