

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041936.D
 Acq On : 21 Jan 2025 00:31
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 05:10:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	130077	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	359691	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	312645	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	242943	9.866	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
						Qvalue
5) Vinyl Chloride	1.577	62	206m	0.031	ppbv	
38) Trichloroethene	4.528	130	431m	0.033	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.950	83	852m	0.034	ppbv	

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

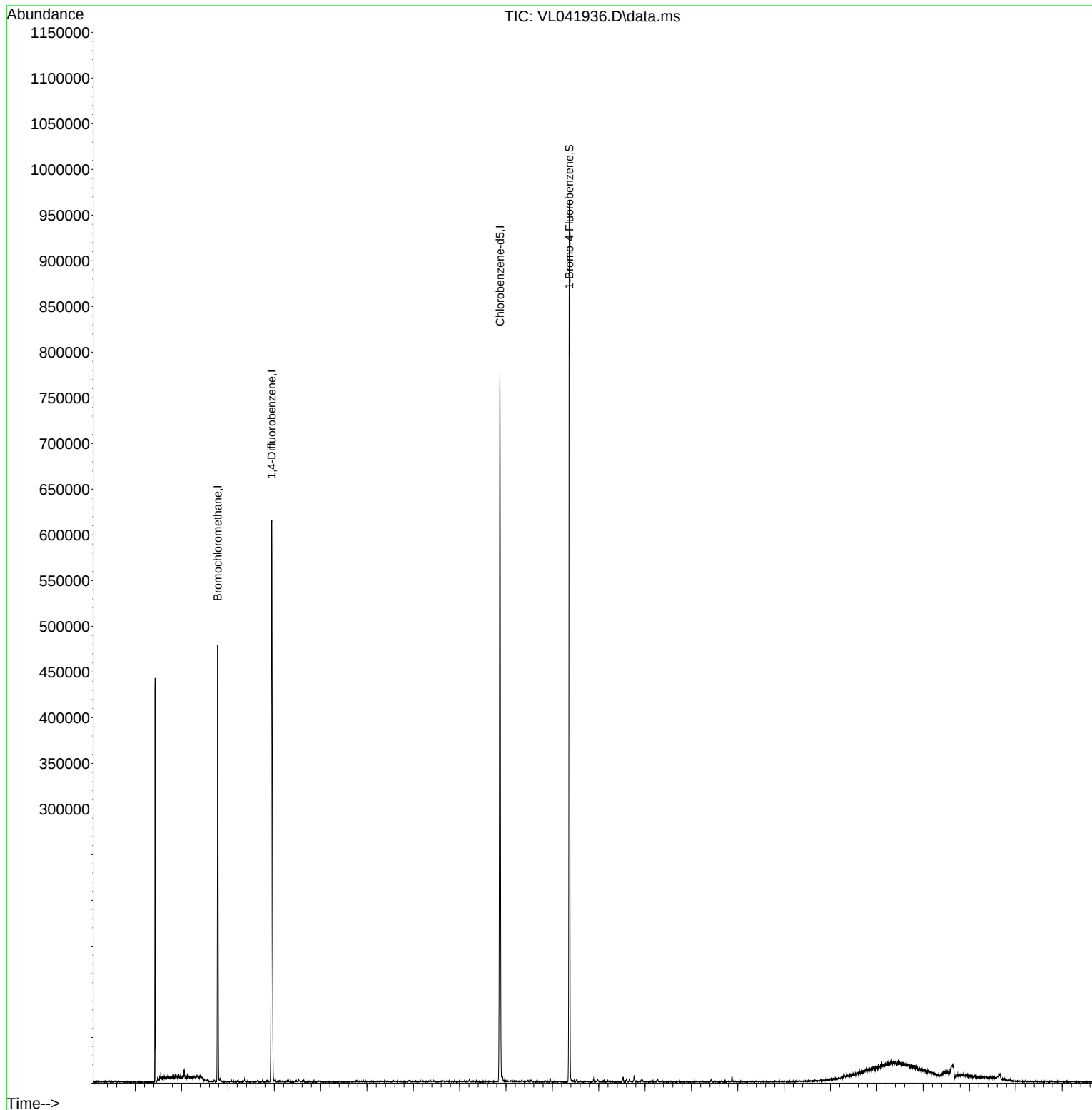
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
Data File : VL041936.D
Acq On : 21 Jan 2025 00:31
Operator : SY/MD
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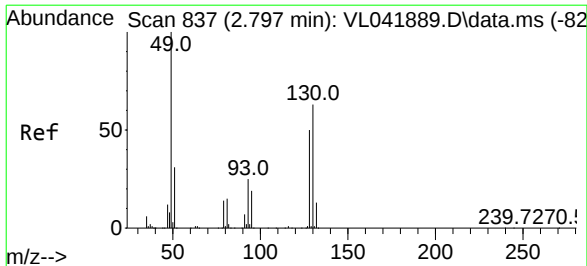
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 21 05:10:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

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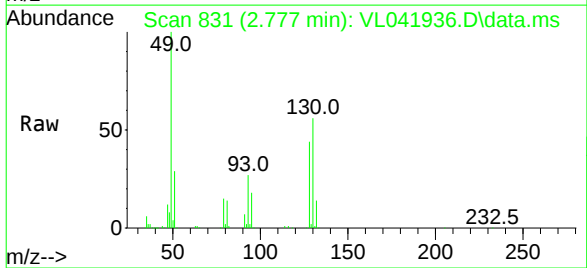
Reviewed By : Semsettin Yesilyurt 01/21/2025
Supervised By : Mahesh Dadoda 01/21/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 837
Delta R.T. -0.020 min
Lab File: VL041936.D
Acq: 21 Jan 2025 00:31

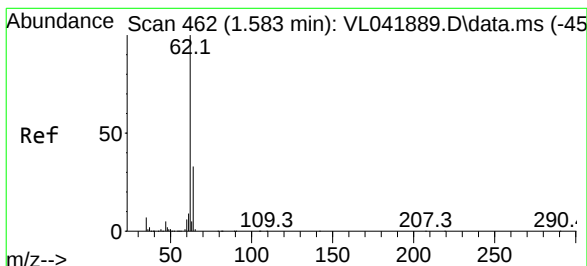
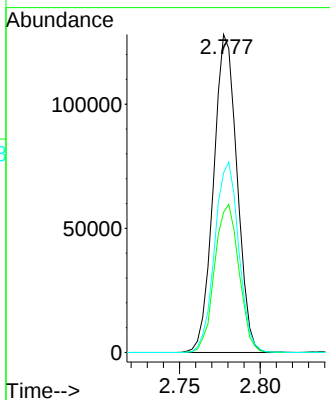
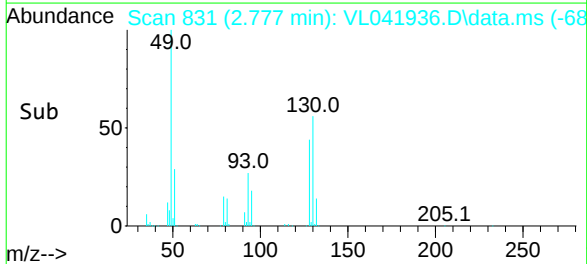
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 130077
Ion Ratio Lower Upper
49 100
128 48.3 24.3 73.0
130 61.3 31.1 93.2

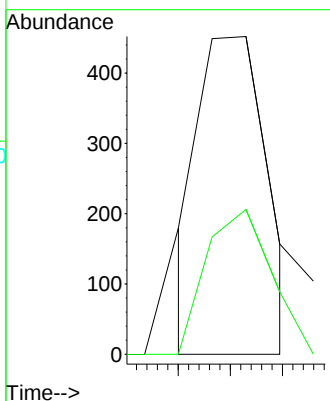
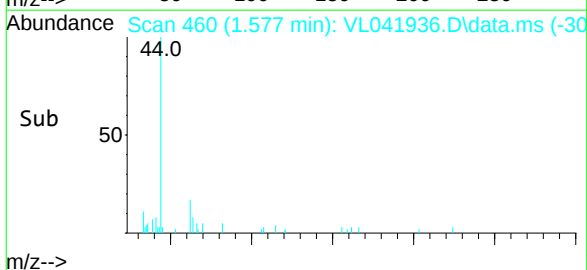
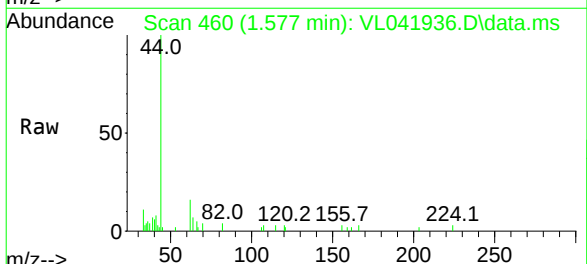
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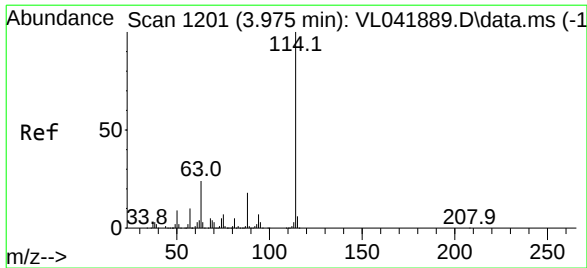
Reviewed By :Semsettin Yesilyurt 01/21/2025
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#5
Vinyl Chloride
Concen: 0.031 ppbv m
RT: 1.577 min Scan# 460
Delta R.T. -0.006 min
Lab File: VL041936.D
Acq: 21 Jan 2025 00:31

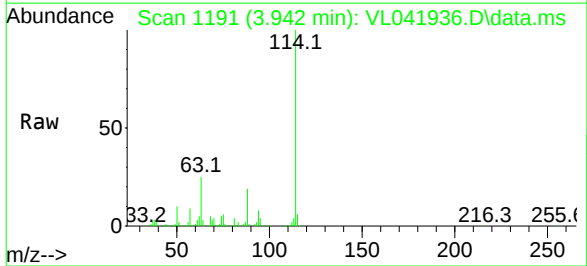
Tgt Ion: 62 Resp: 206
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.942 min Scan# 111
Delta R.T. -0.032 min
Lab File: VL041936.D
Acq: 21 Jan 2025 00:31

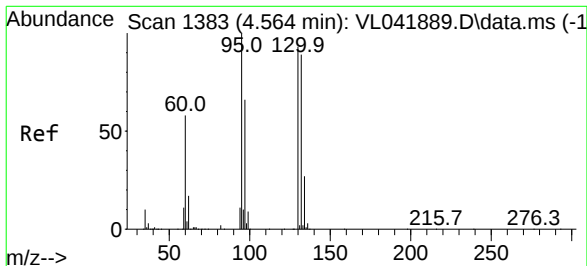
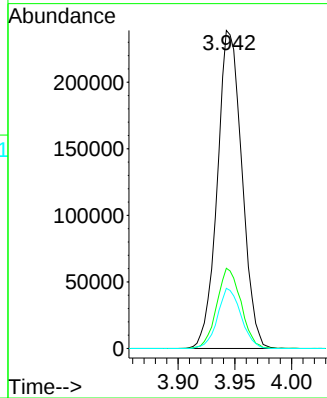
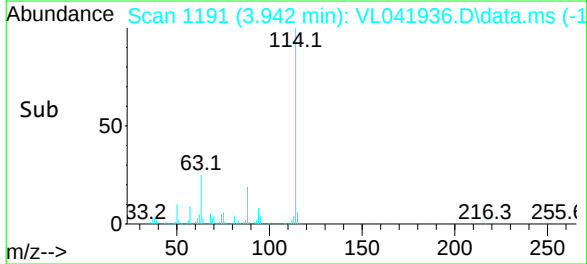
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:114 Resp: 359691
Ion Ratio Lower Upper
114 100
63 24.9 19.8 29.6
88 18.0 14.4 21.6

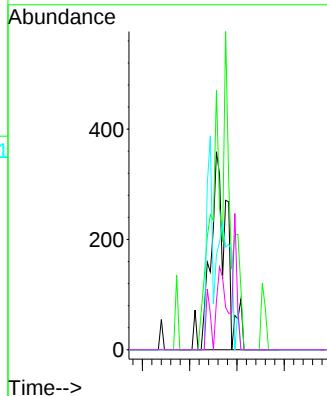
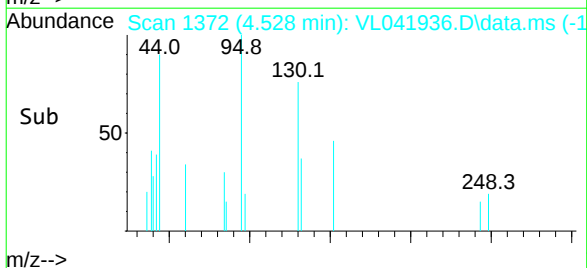
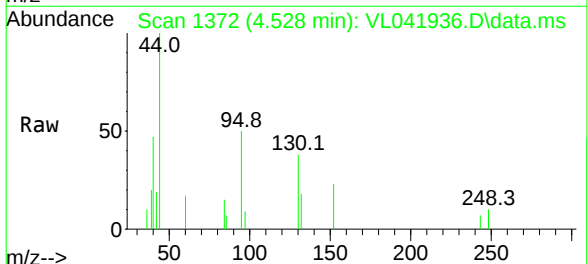
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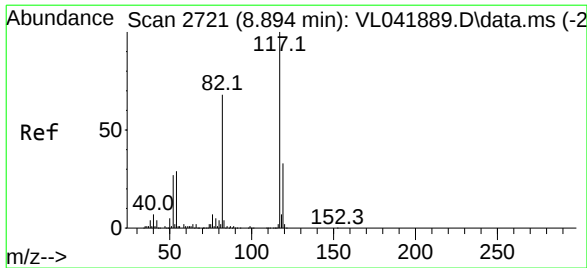
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 4.528 min Scan# 1372
Delta R.T. -0.036 min
Lab File: VL041936.D
Acq: 21 Jan 2025 00:31

Tgt Ion:130 Resp: 431
Ion Ratio Lower Upper
130 100
95 131.2 85.8 128.8#
132 48.2 76.5 114.7#
97 24.8 56.8 85.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.869 min Scan# 27

Delta R.T. -0.026 min

Lab File: VL041936.D

Acq: 21 Jan 2025 00:31

Instrument :

MSVOA_L

ClientSampleId :

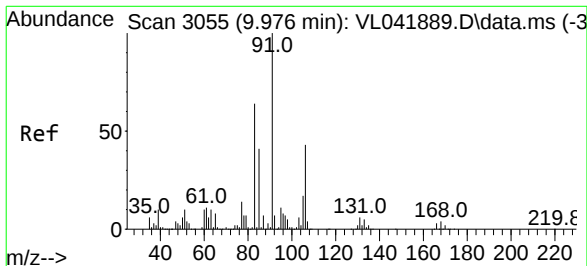
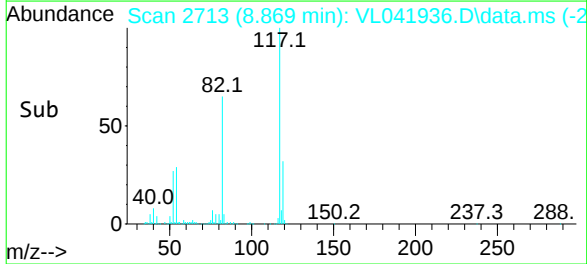
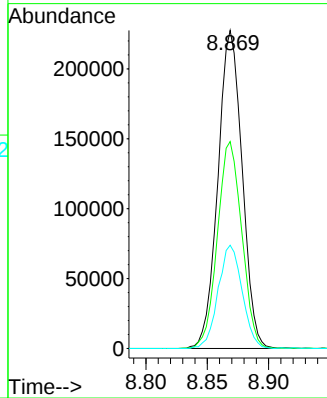
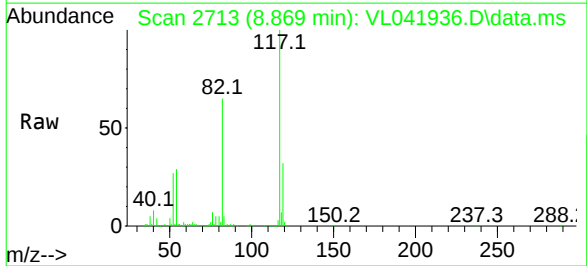
MDL 0.03

Tgt Ion:	117	Resp:	312645
Ion	Ratio	Lower	Upper
117	100		
82	65.5	54.2	81.4
119	32.4	25.0	37.6

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#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv m

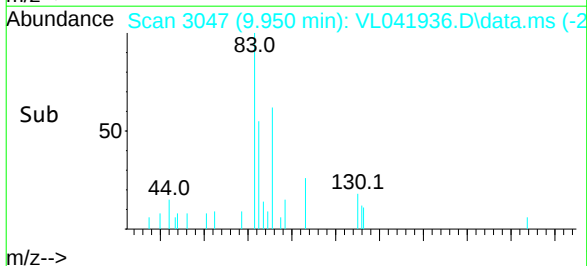
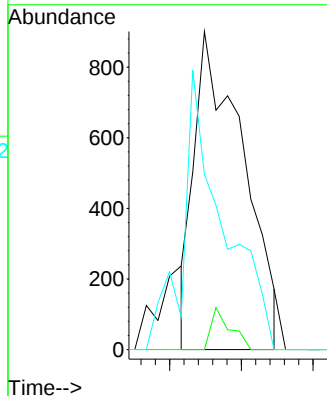
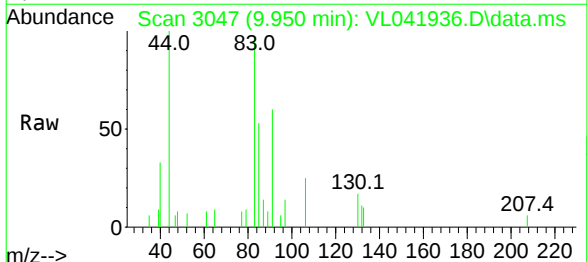
RT: 9.950 min Scan# 3047

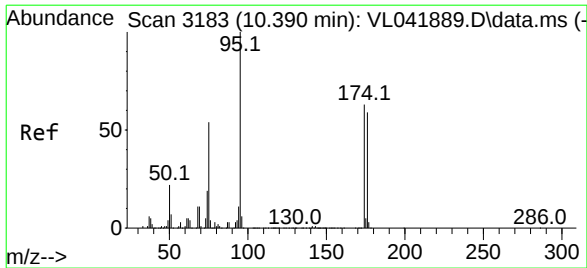
Delta R.T. -0.026 min

Lab File: VL041936.D

Acq: 21 Jan 2025 00:31

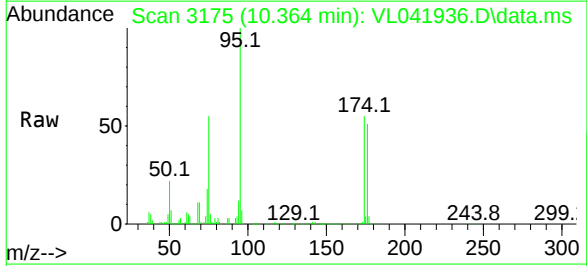
Tgt Ion:	83	Resp:	852
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	72.1	32.4	97.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.866 ppbv
 RT: 10.364 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: VL041936.D
 Acq: 21 Jan 2025 00:31

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion: 95 Resp: 242943

Ion	Ratio	Lower	Upper
95	100		
174	57.9	49.0	73.4
175	4.3	3.8	5.8

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