

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041940.D
 Acq On : 21 Jan 2025 09:44
 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 10:40:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.774	49	134398	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	362007	10.000	ppbv	-0.04
55) Chlorobenzene-d5	8.862	117	316664	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	244943	9.821	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.574	62	237m	0.034	ppbv	
52) Tetrachloroethene	8.199	164	348m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.953	83	854m	0.034	ppbv	

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

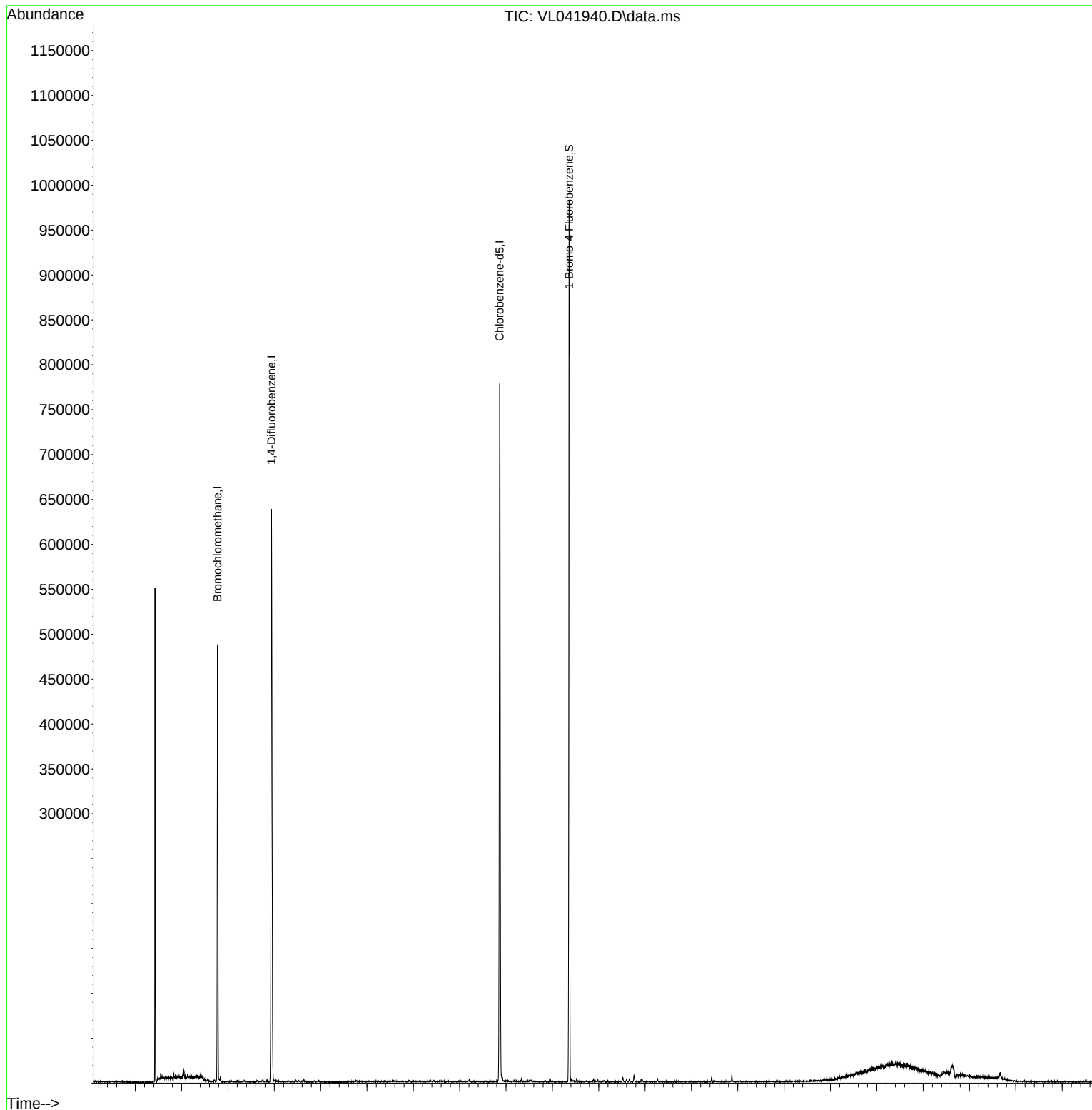
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
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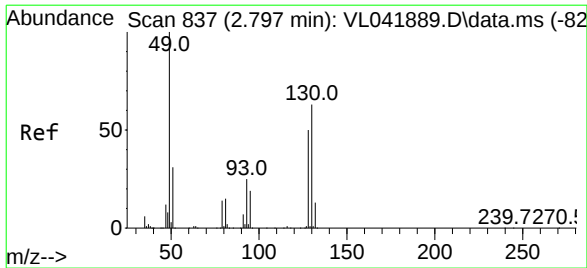
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 21 10:40:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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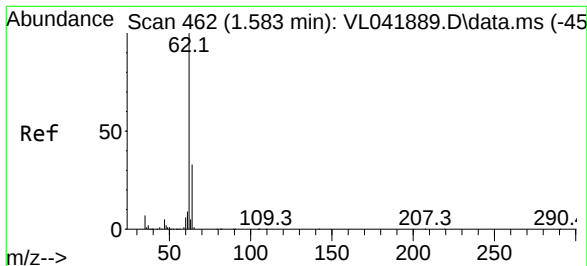
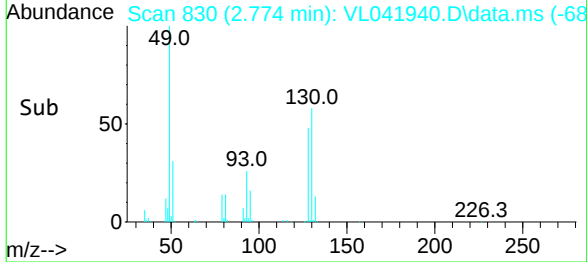
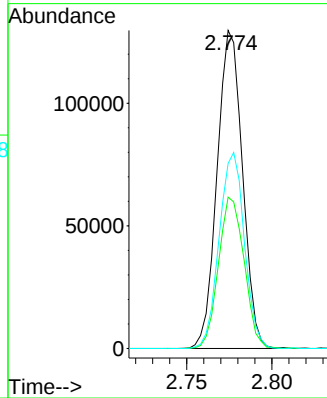
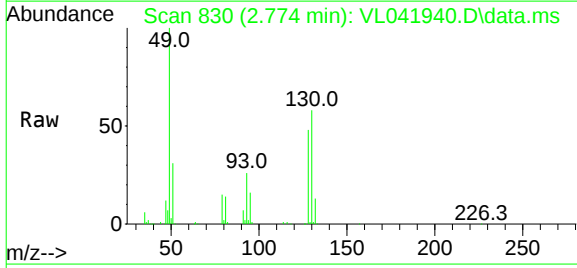
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 837
Delta R.T. -0.023 min
Lab File: VL041940.D
Acq: 21 Jan 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 49 Resp: 134398
Ion Ratio Lower Upper
49 100
128 48.0 24.3 73.0
130 61.4 31.1 93.2

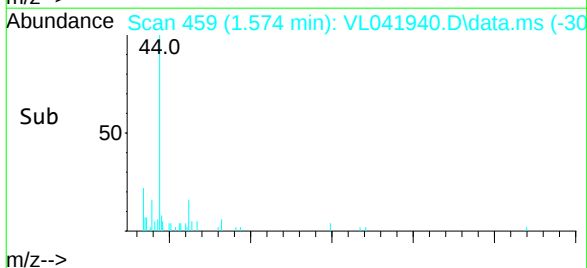
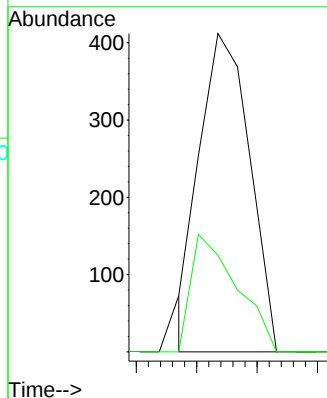
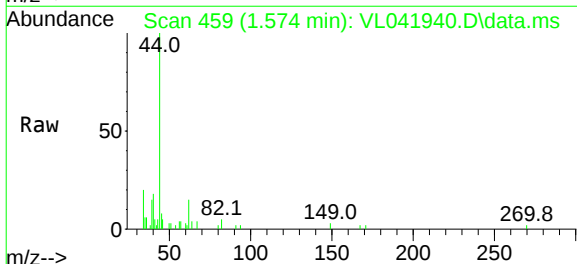
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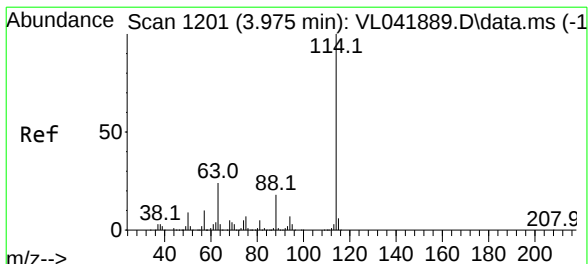
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#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 1.574 min Scan# 459
Delta R.T. -0.009 min
Lab File: VL041940.D
Acq: 21 Jan 2025 09:44

Tgt Ion: 62 Resp: 237
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





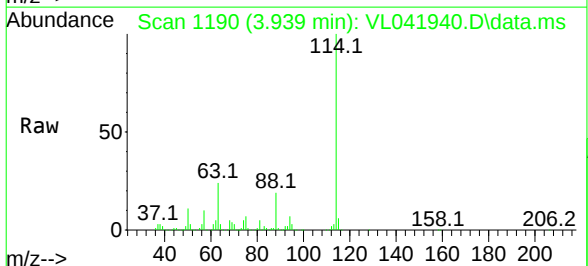
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.939 min Scan# 111
 Delta R.T. -0.035 min
 Lab File: VL041940.D
 Acq: 21 Jan 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

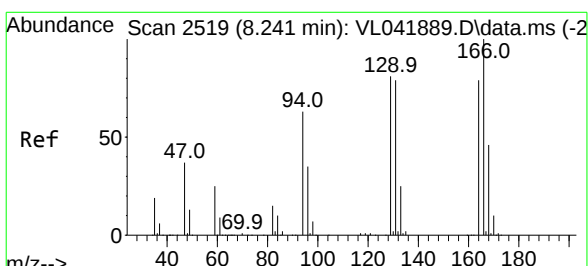
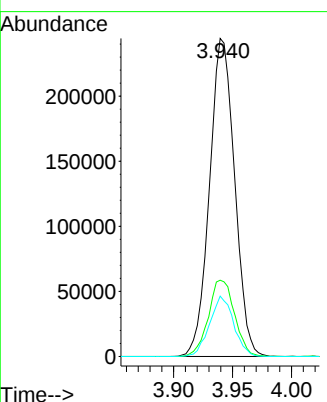
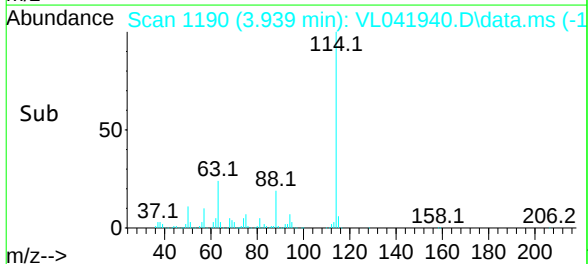


Tgt Ion:114 Resp: 362007

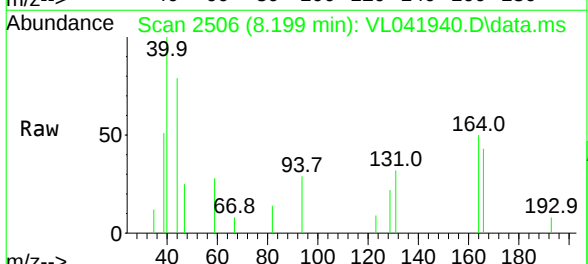
Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.8	29.6
88	18.2	14.4	21.6

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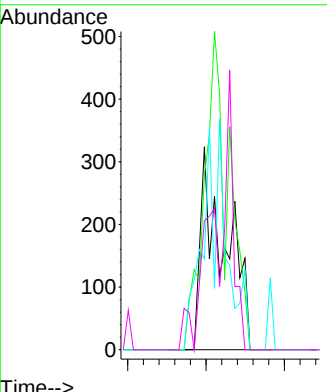
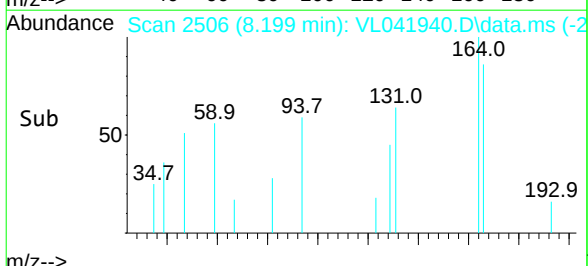


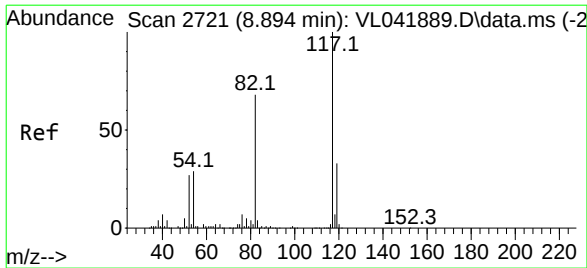
#52
 Tetrachloroethene
 Concen: 0.030 ppbv m
 RT: 8.199 min Scan# 2506
 Delta R.T. -0.042 min
 Lab File: VL041940.D
 Acq: 21 Jan 2025 09:44



Tgt Ion:164 Resp: 348

Ion	Ratio	Lower	Upper
164	100		
166	86.1	100.8	151.2#
129	44.8	82.0	123.0#
131	63.6	80.2	120.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.862 min Scan# 27

Delta R.T. -0.032 min

Lab File: VL041940.D

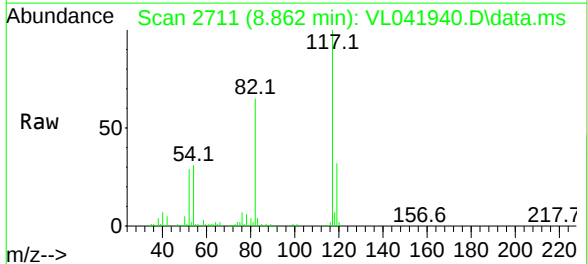
Acq: 21 Jan 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

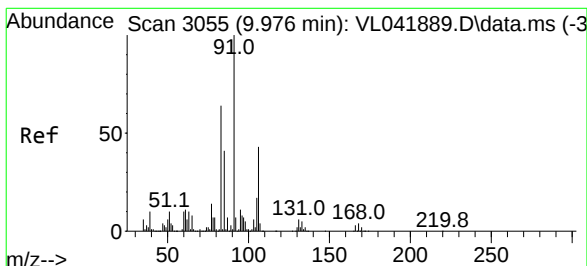
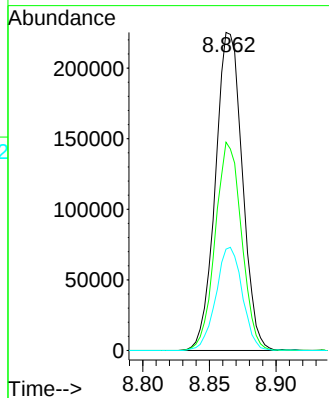
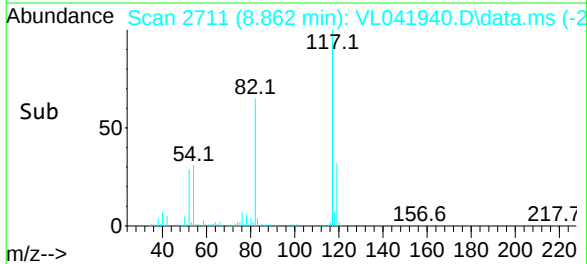
MDL 0.03



Tgt Ion:	117	Resp:	316664
Ion	Ratio	Lower	Upper
117	100		
82	64.1	54.2	81.4
119	31.9	25.0	37.6

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#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv m

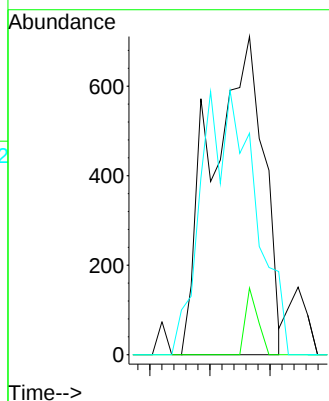
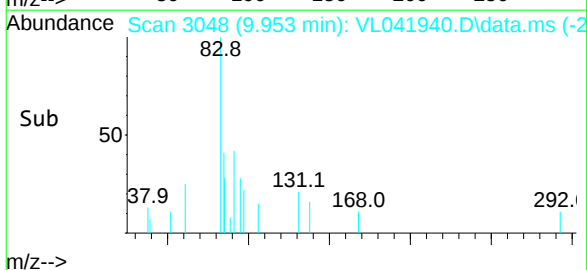
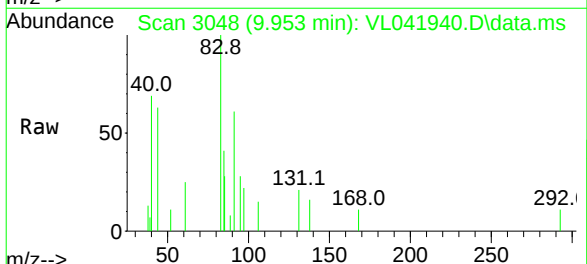
RT: 9.953 min Scan# 3048

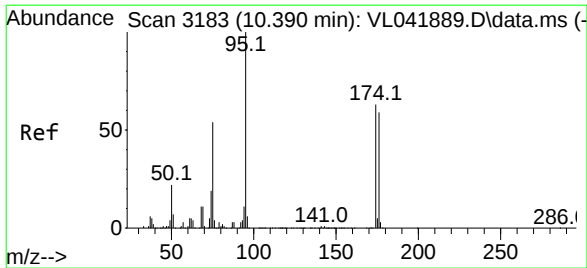
Delta R.T. -0.022 min

Lab File: VL041940.D

Acq: 21 Jan 2025 09:44

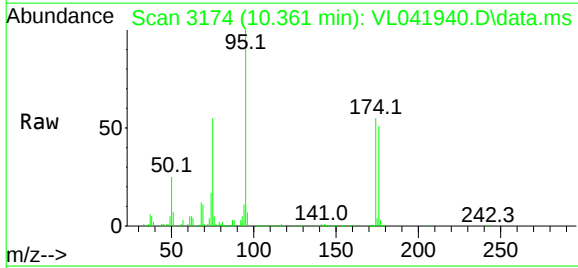
Tgt Ion:	83	Resp:	854
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	0.0	32.4	97.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.821 ppbv
RT: 10.361 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL041940.D
Acq: 21 Jan 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:	95	Resp:	244943
Ion	Ratio	Lower	Upper
95	100		
174	58.7	49.0	73.4
175	4.5	3.8	5.8

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