

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041913.D
 Acq On : 15 Jan 2025 02:53
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
 Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 04:26:40 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	2.790	49	126935	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	367914	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.885	117	320329	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	249196	9.877	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	213m	0.032	ppbv	
32) 1,1,1-Trichloroethane	3.373	97	806m	0.033	ppbv	
52) Tetrachloroethene	8.228	164	431m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.969	83	836	0.033	ppbv #	88

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

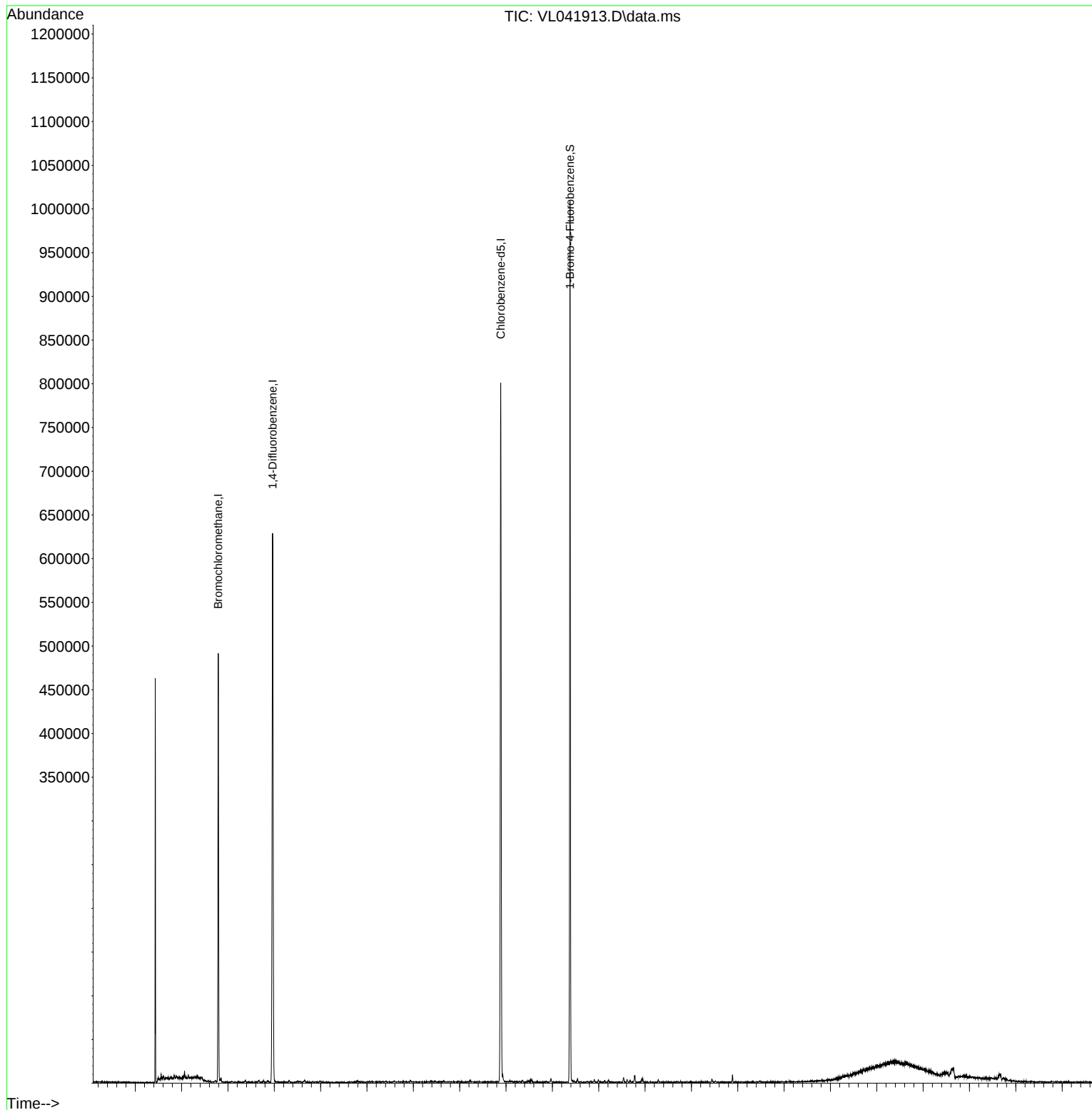
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Data File : VL041913.D
Acq On : 15 Jan 2025 02:53
Operator : SY/MD
Sample : MDL 0.03
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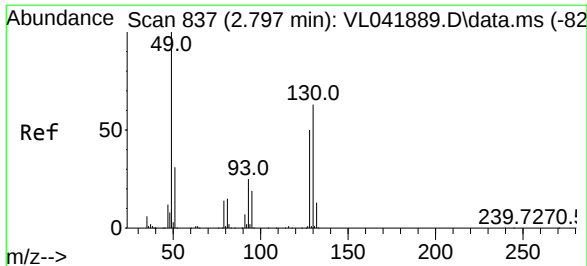
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 15 04:26:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration

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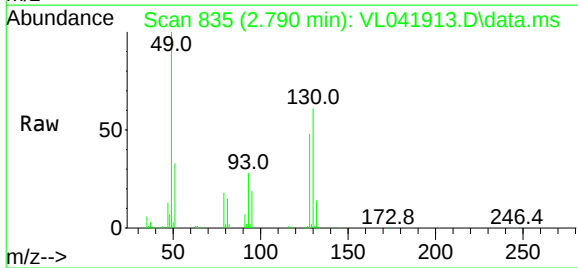
Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 837
Delta R.T. -0.007 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

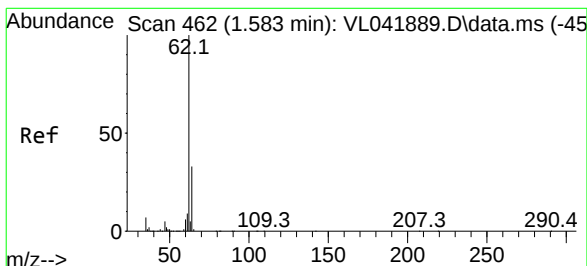
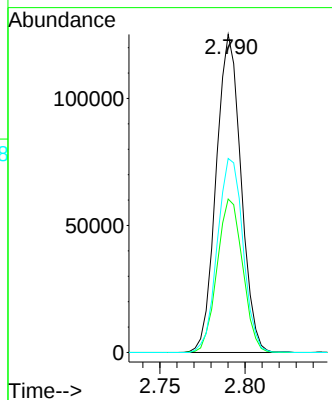
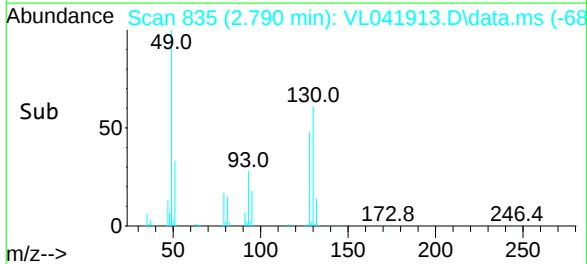
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 126935
Ion Ratio Lower Upper
49 100
128 49.7 24.3 73.0
130 63.1 31.1 93.2

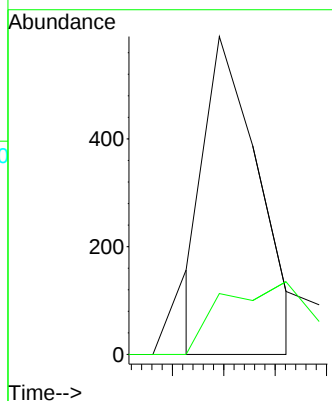
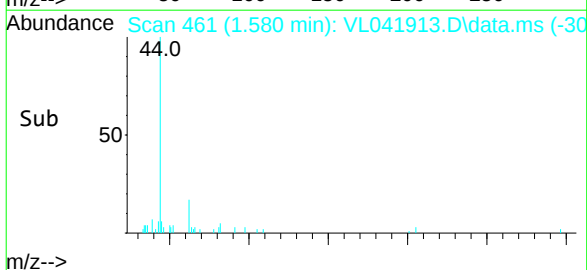
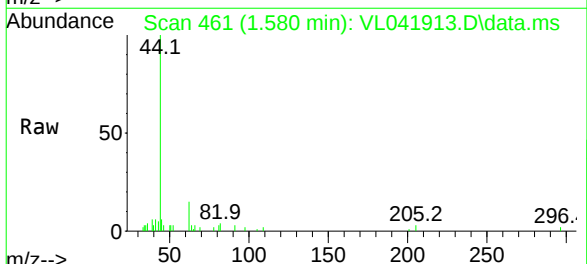
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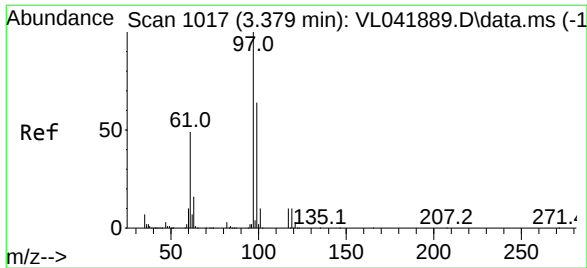
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#5
Vinyl Chloride
Concen: 0.032 ppbv m
RT: 1.580 min Scan# 461
Delta R.T. -0.003 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

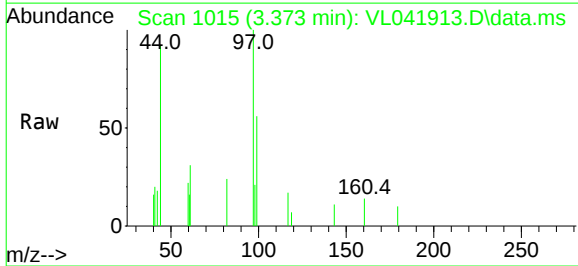
Tgt Ion: 62 Resp: 213
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 3.373 min Scan# 1015
Delta R.T. -0.007 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

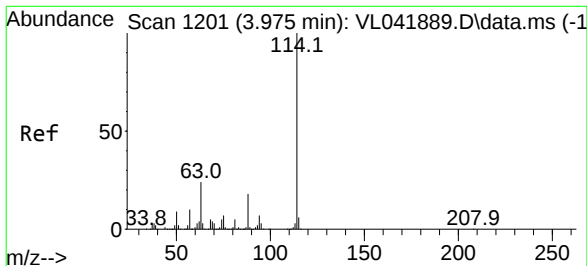
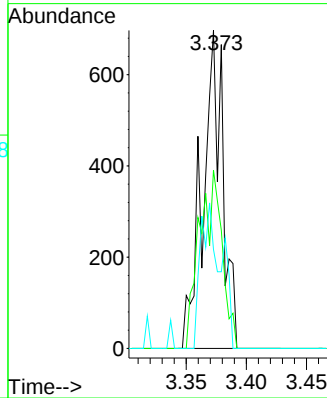
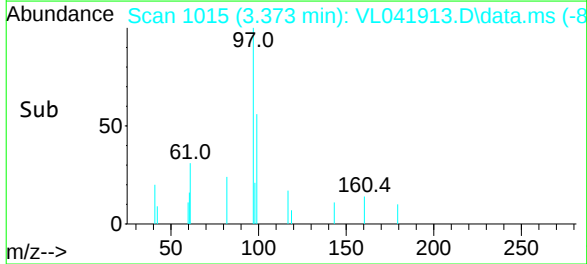
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.1	76.7
61	46.8	39.0	58.6

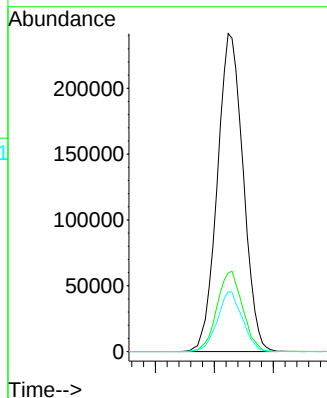
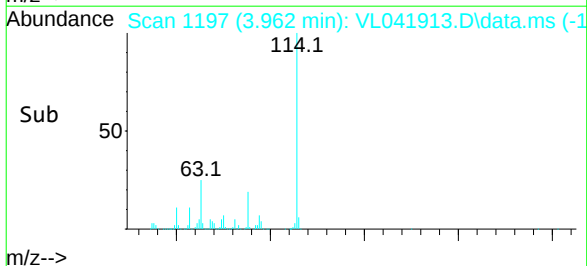
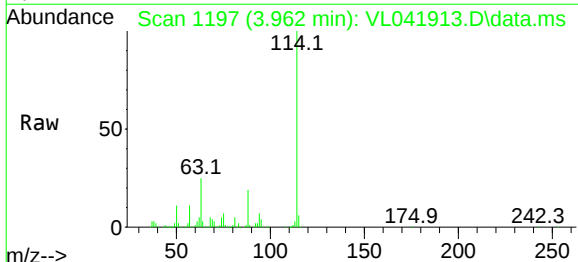
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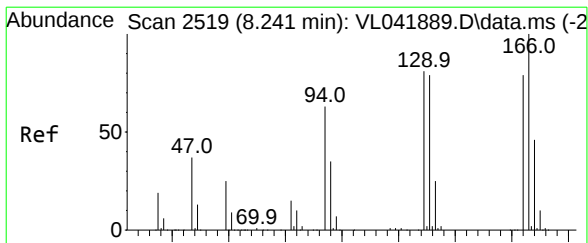
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.013 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

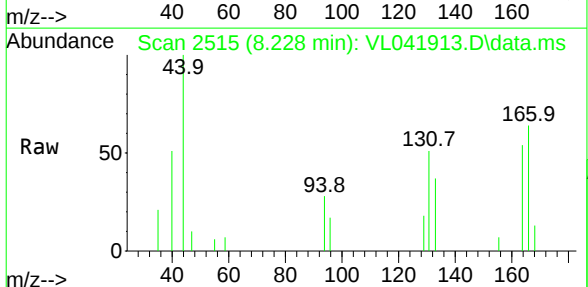
Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.8	29.6
88	18.1	14.4	21.6





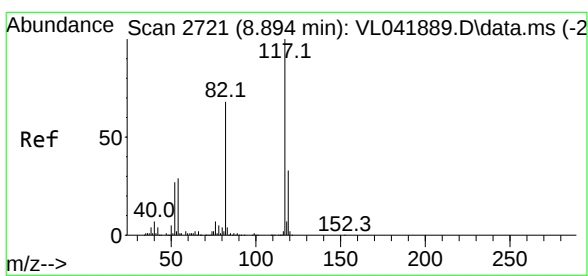
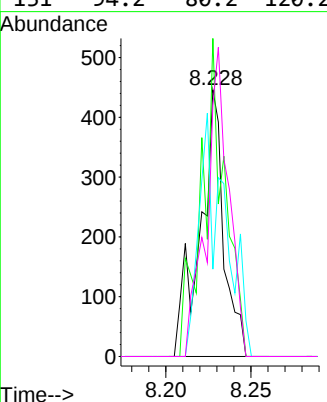
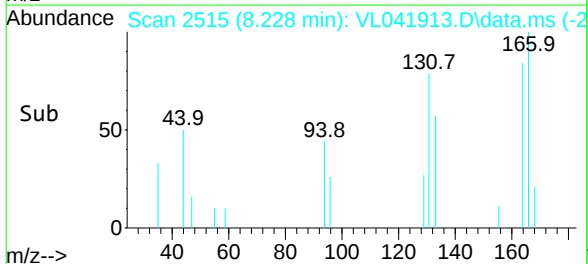
#52
 Tetrachloroethene
 Concen: 0.037 ppbv m
 RT: 8.228 min Scan# 2515
 Delta R.T. -0.013 min
 Lab File: VL041913.D
 Acq: 15 Jan 2025 02:53

Instrument : MSVOA_L
 ClientSampleId :
 MDL 0.03

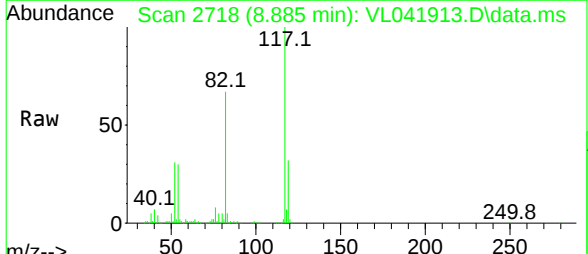


Tgt Ion:	164	Resp:	431
Ion	Ratio	Lower	Upper
164	100		
166	119.3	100.8	151.2
129	32.7	82.0	123.0
131	94.2	80.2	120.2

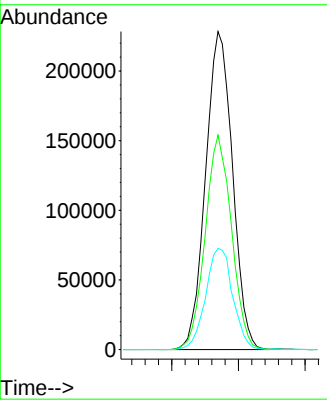
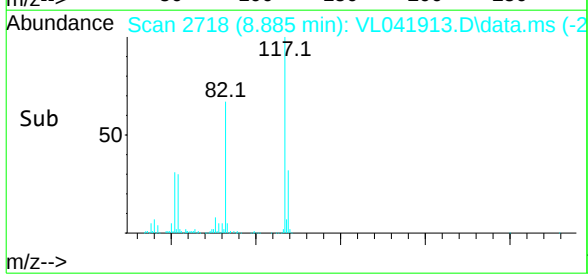
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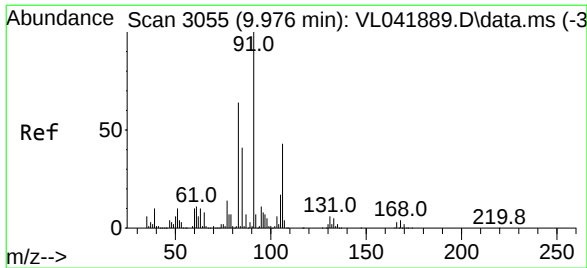


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.885 min Scan# 2718
 Delta R.T. -0.010 min
 Lab File: VL041913.D
 Acq: 15 Jan 2025 02:53



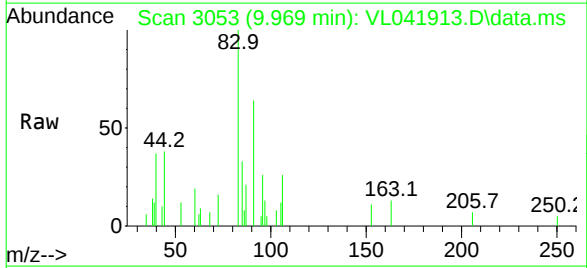
Tgt Ion:	117	Resp:	320329
Ion	Ratio	Lower	Upper
117	100		
82	66.0	54.2	81.4
119	32.2	25.0	37.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.007 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

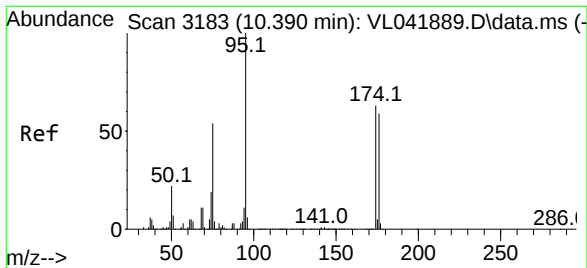
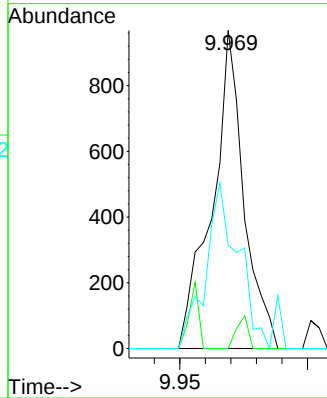
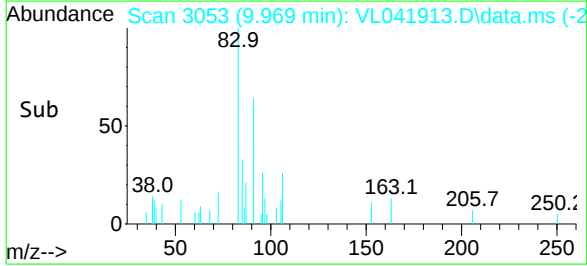
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4
85	57.1	32.4	97.2

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.877 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.010 min
Lab File: VL041913.D
Acq: 15 Jan 2025 02:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.6	49.0	73.4
175	4.5	3.8	5.8

