

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041914.D
 Acq On : 15 Jan 2025 03:23
 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 04:27:04 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	123937	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	354756	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.885	117	311566	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	246906	10.061	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
						Qvalue
5) Vinyl Chloride	1.583	62	205	0.032	ppbv	# 82
32) 1,1,1-Trichloroethane	3.373	97	879m	0.037	ppbv	
35) Carbon Tetrachloride	3.768	117	736m	0.033	ppbv	
38) Trichloroethene	4.554	130	431m	0.033	ppbv	
52) Tetrachloroethene	8.225	164	385m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.966	83	786m	0.032	ppbv	

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

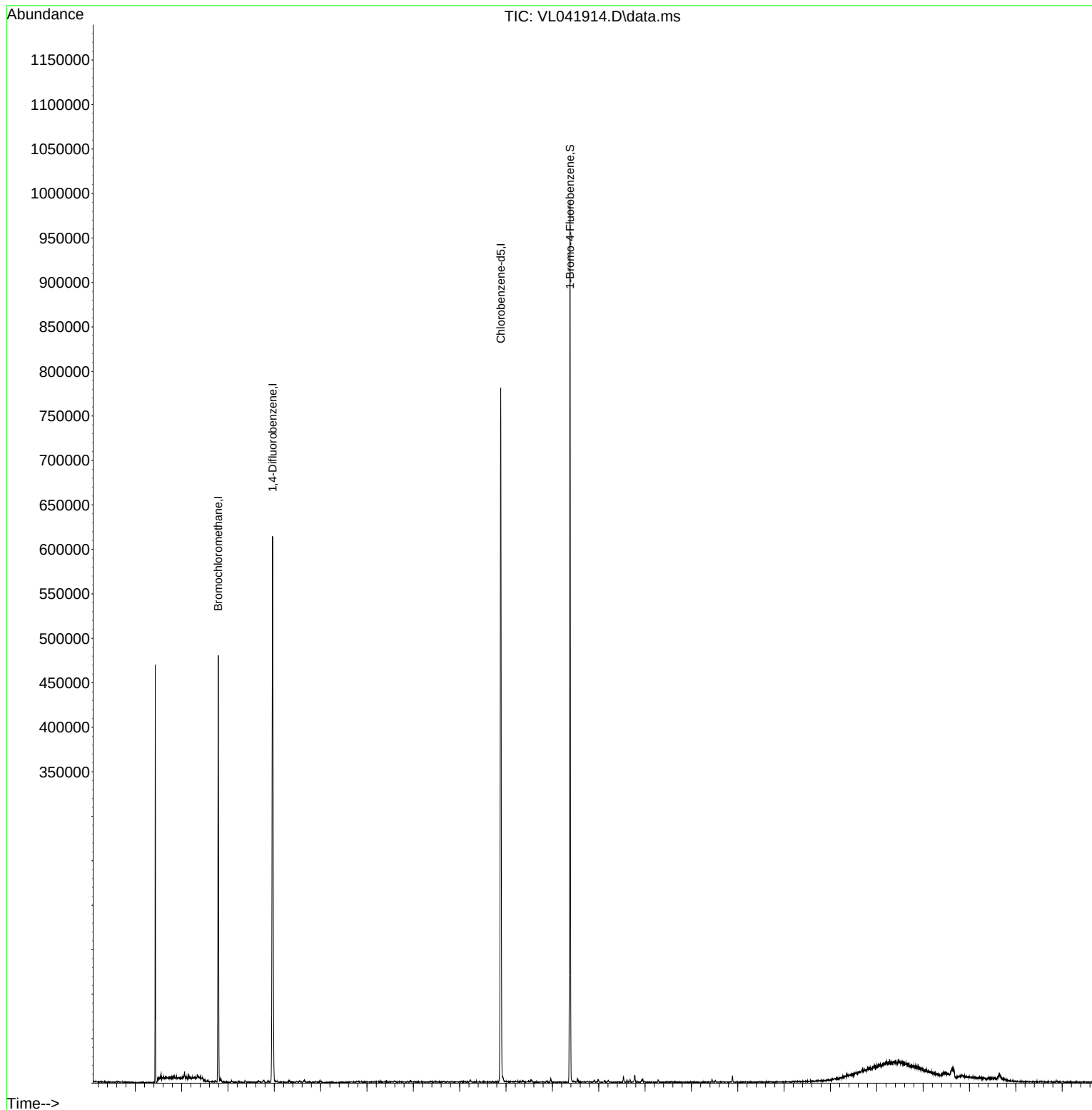
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041914.D
Acq On : 15 Jan 2025 03:23
Operator : SY/MD
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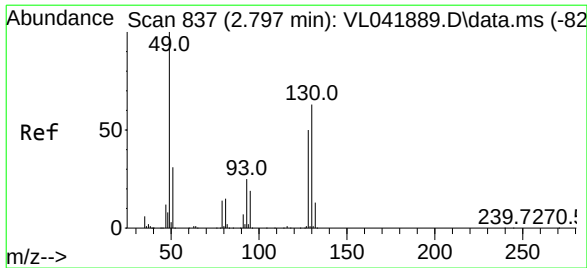
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Quant Time: Jan 15 04:27:04 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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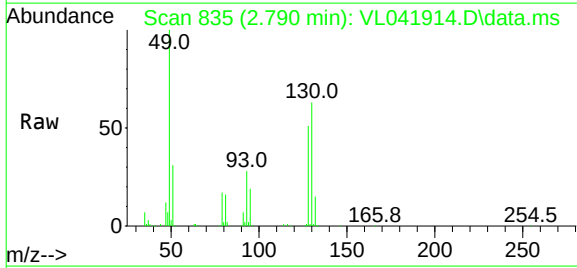
Reviewed By : Semsettin Yesilyurt 01/15/2025
Supervised By : Mahesh Dadoda 01/15/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 837
Delta R.T. -0.007 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

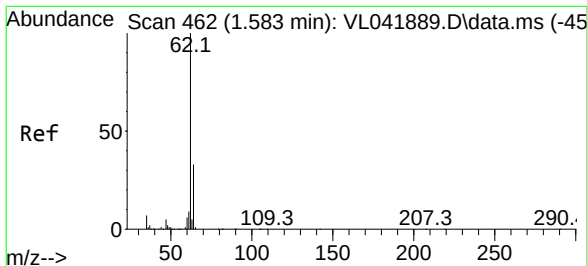
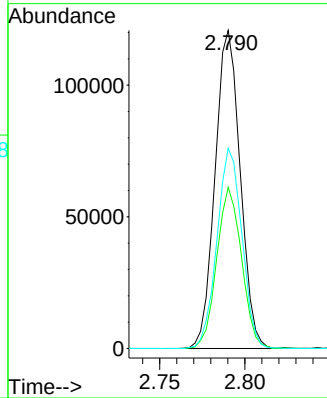
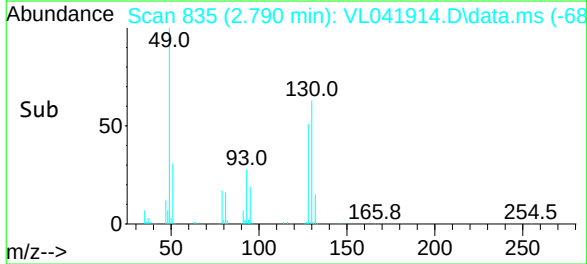
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 49 Resp: 123937
Ion Ratio Lower Upper
49 100
128 49.9 24.3 73.0
130 62.5 31.1 93.2

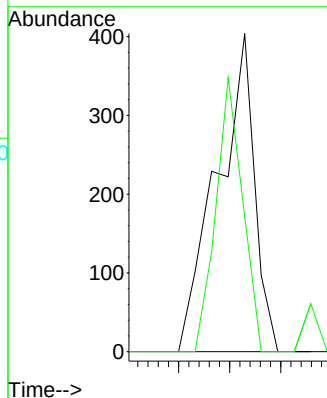
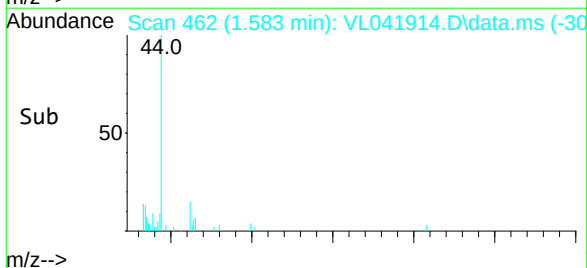
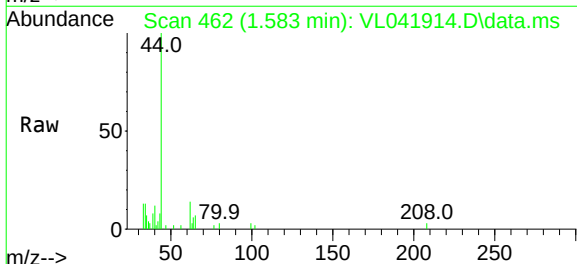
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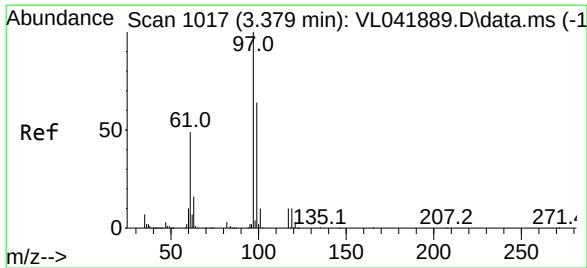
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#5
Vinyl Chloride
Concen: 0.032 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.000 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

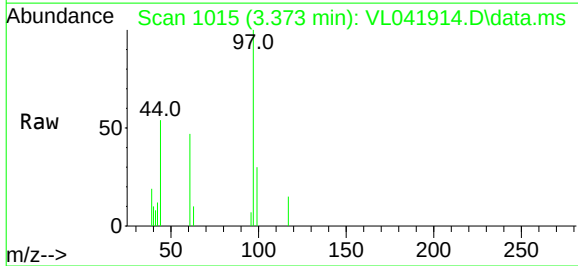
Tgt Ion: 62 Resp: 205
Ion Ratio Lower Upper
62 100
64 42.6 26.1 39.1#





#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv
RT: 3.373 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

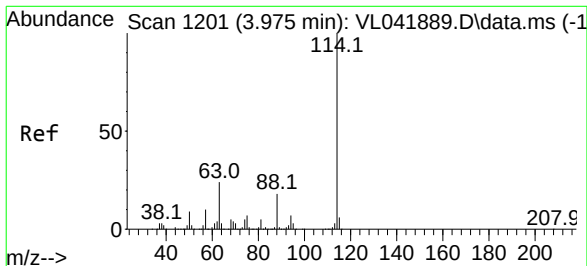
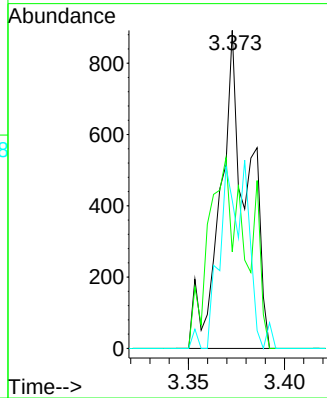
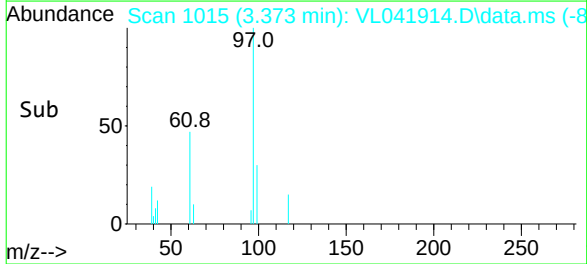
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion	Ratio	Lower	Upper
97	100		
99	82.9	51.1	76.7
61	0.0	39.0	58.6

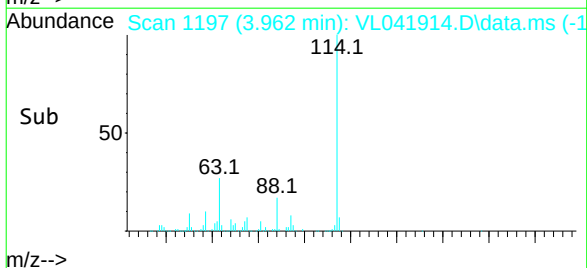
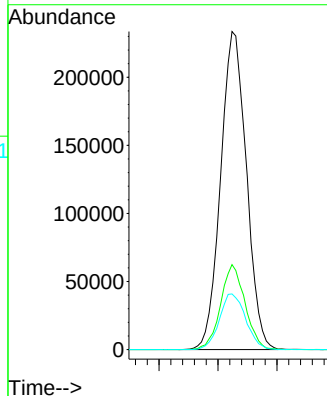
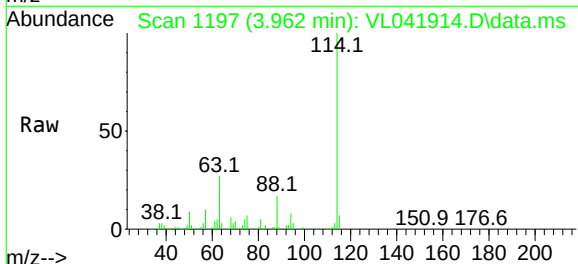
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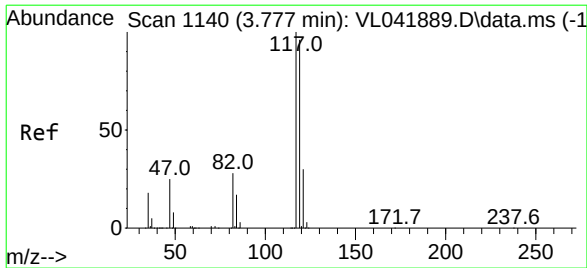
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.013 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

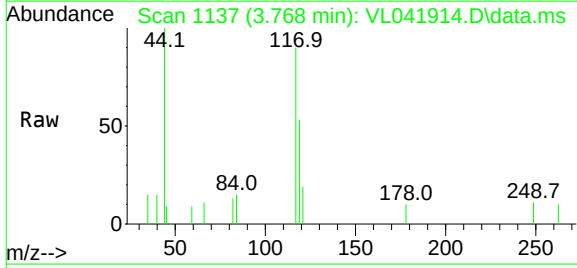
Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.8	29.6
88	17.8	14.4	21.6





#35
Carbon Tetrachloride
Concen: 0.033 ppbv m
RT: 3.768 min Scan# 1140
Delta R.T. -0.010 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

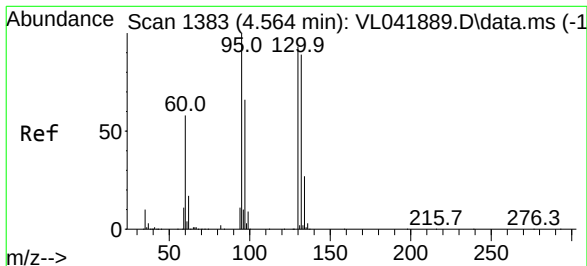
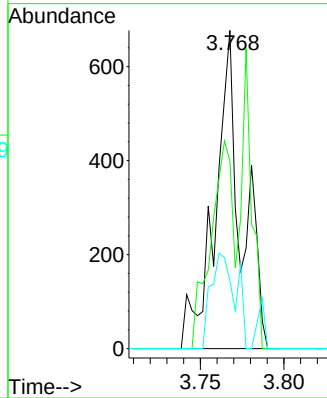
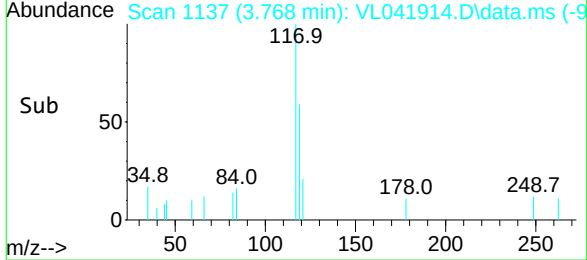
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:117 Resp: 736
Ion Ratio Lower Upper
117 100
119 58.9 76.9 115.3#
121 21.3 23.8 35.6#

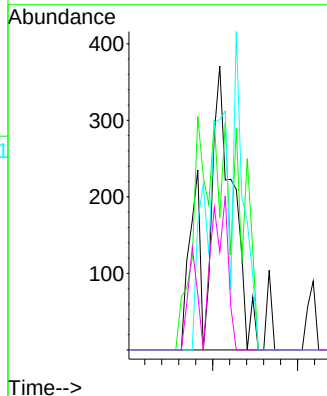
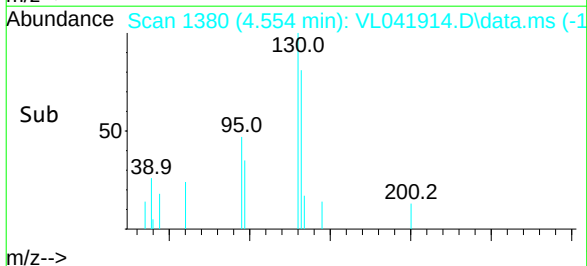
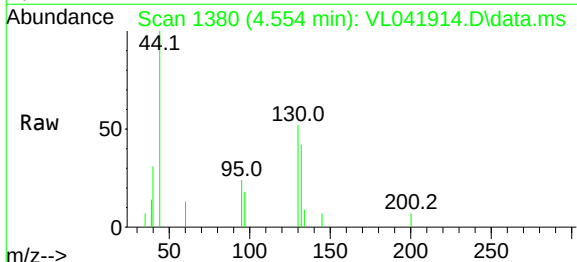
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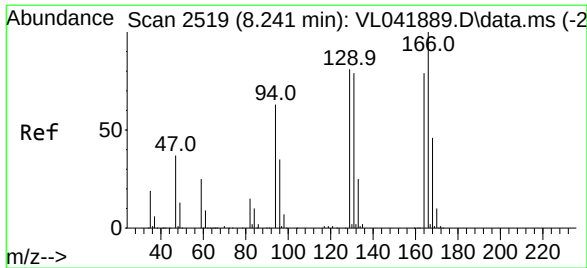
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#38
Trichloroethene
Concen: 0.033 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. -0.010 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

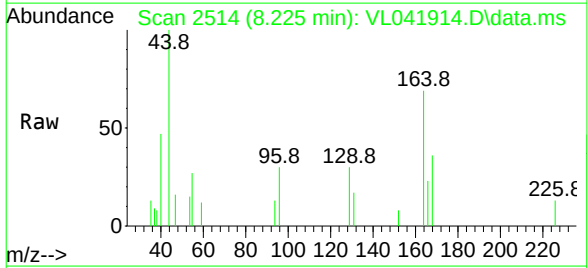
Tgt Ion:130 Resp: 431
Ion Ratio Lower Upper
130 100
95 46.6 85.8 128.8#
132 81.1 76.5 114.7
97 34.5 56.8 85.2#





#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 8.225 min Scan# 2519
Delta R.T. -0.016 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

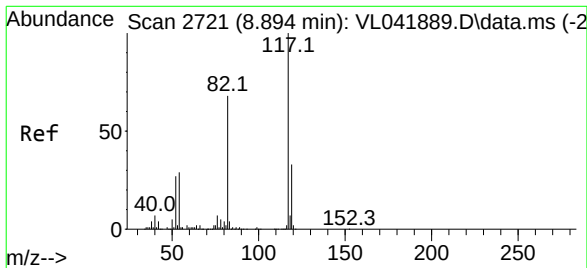
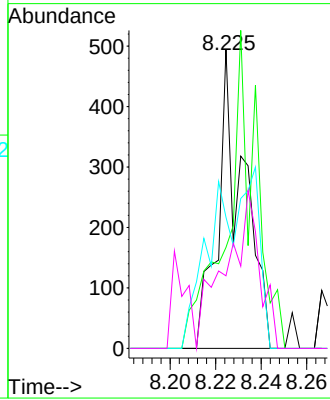
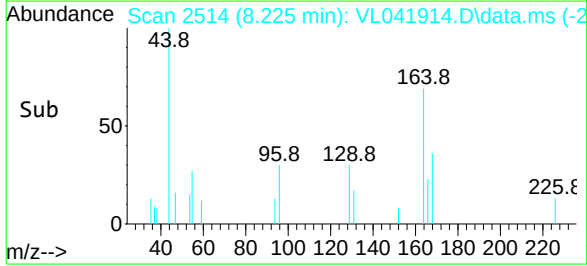
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion	Ratio	Lower	Upper
164	100		
166	33.7	100.8	151.2#
129	43.8	82.0	123.0#
131	24.2	80.2	120.2#

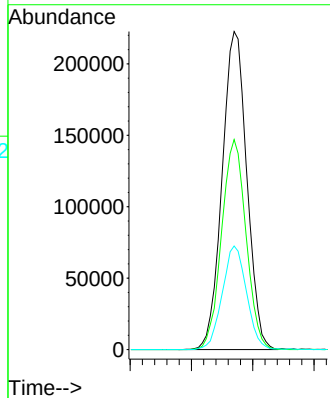
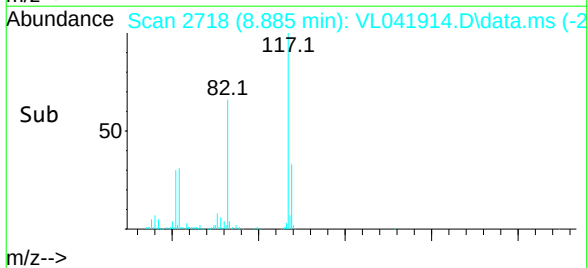
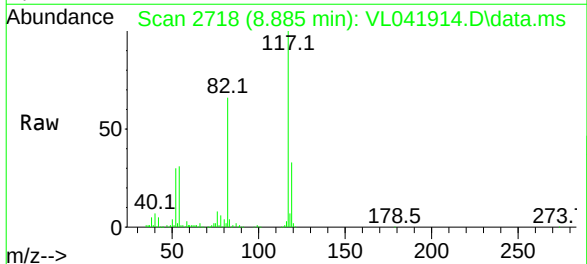
Manual Integrations
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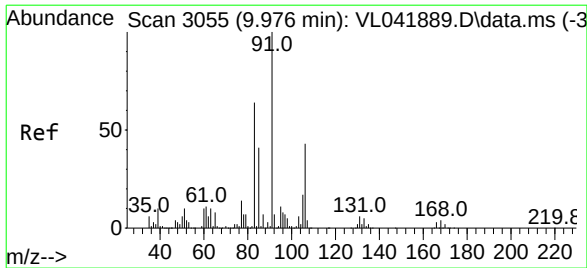
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. -0.010 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

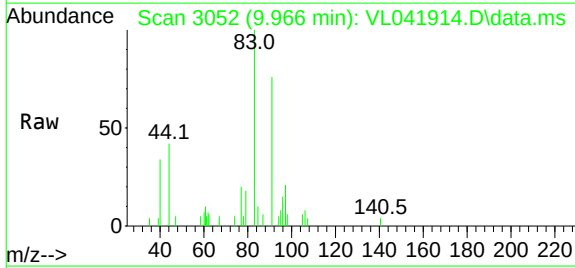
Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.2	54.2	81.4
119	32.1	25.0	37.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 9.966 min Scan# 3055
Delta R.T. -0.010 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

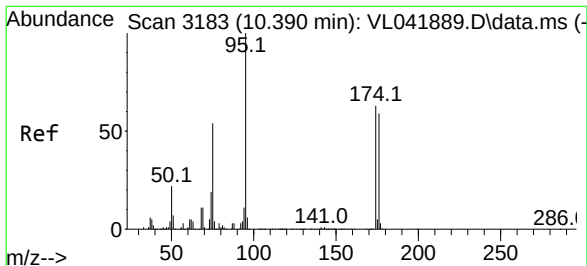
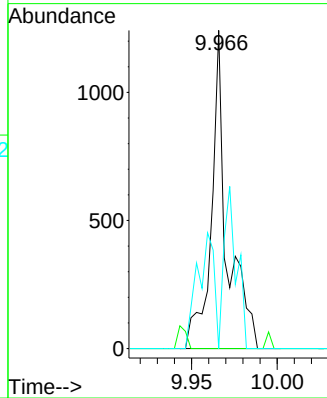
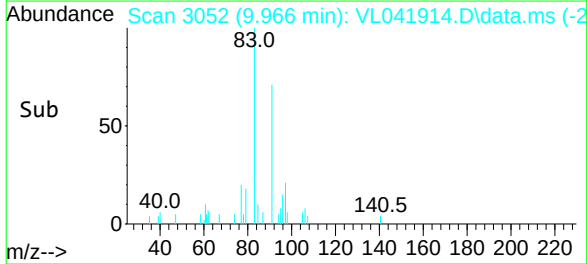
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion: 83 Resp: 786
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.4 97.2#

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/15/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.061 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.010 min
Lab File: VL041914.D
Acq: 15 Jan 2025 03:23

Tgt Ion: 95 Resp: 246906
Ion Ratio Lower Upper
95 100
174 58.7 49.0 73.4
175 4.3 3.8 5.8

