

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041953.D
 Acq On : 27 Jan 2025 15:40
 Operator : SY/MD
 Sample : Q1168-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2025

Quant Time: Jan 28 02:39:02 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) Bromochloromethane	2.797	49	136338	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	368786	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	321541	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	244683	9.661	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
5) Vinyl Chloride	1.586	62	325	0.046	ppbv #	59
32) 1,1,1-Trichloroethane	3.379	97	880m	0.033	ppbv	
35) Carbon Tetrachloride	3.774	117	826m	0.036	ppbv	
38) Trichloroethene	4.564	130	378m	0.028	ppbv	
52) Tetrachloroethene	8.244	164	437m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.982	83	1013m	0.040	ppbv	

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

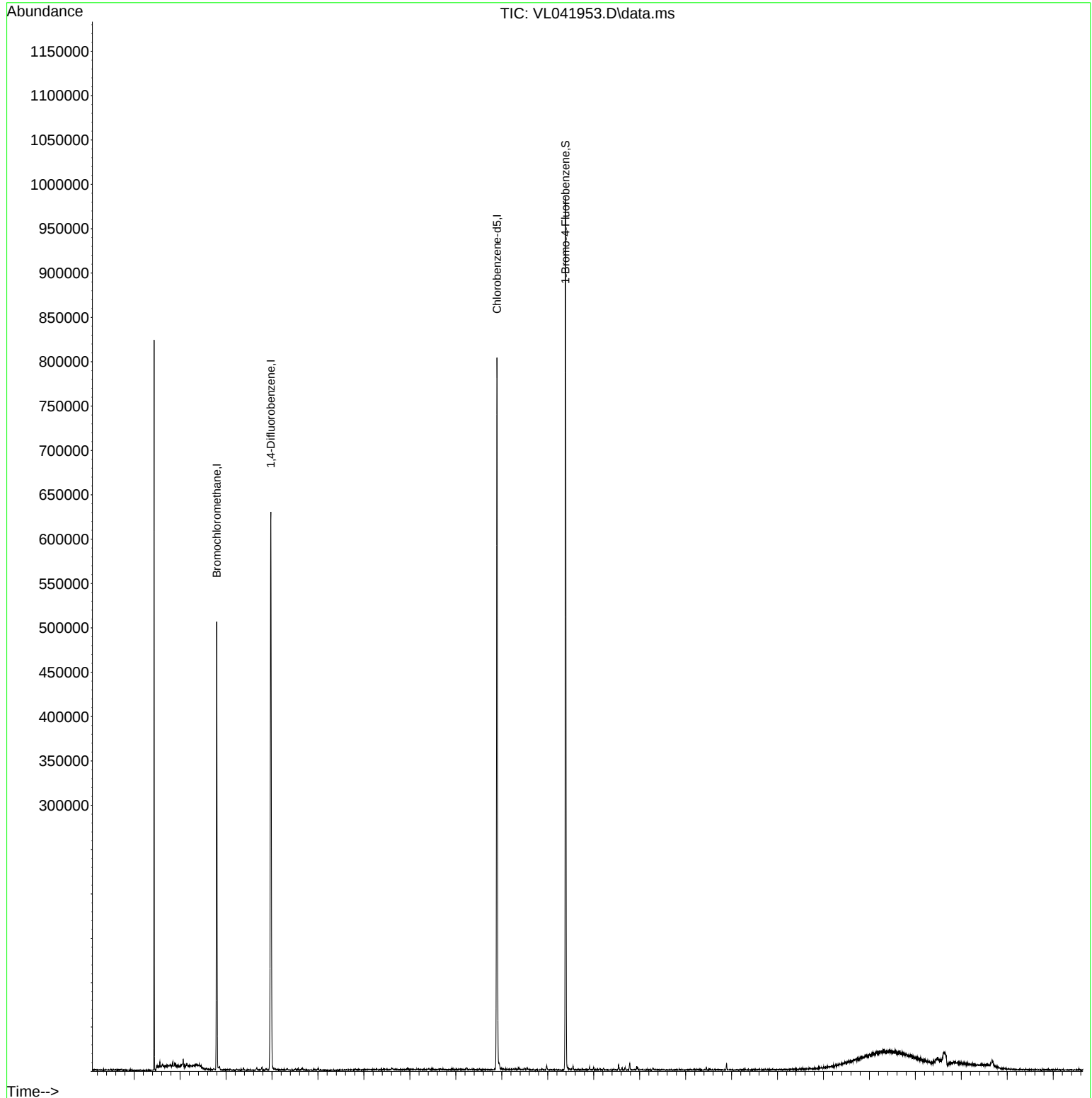
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
Data File : VL041953.D
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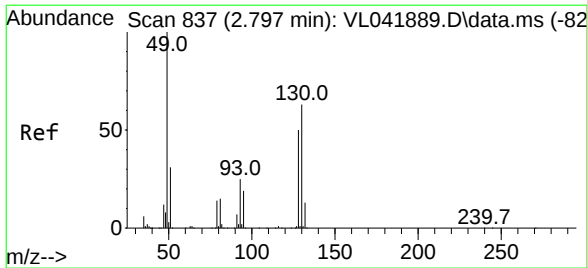
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025

Quant Time: Jan 28 02:39:02 2025
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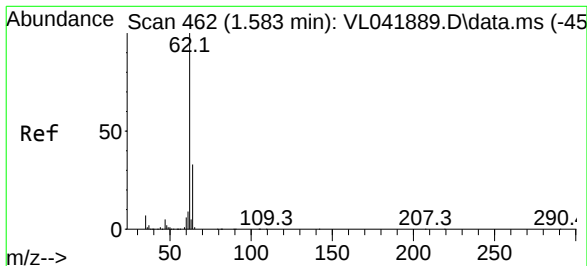
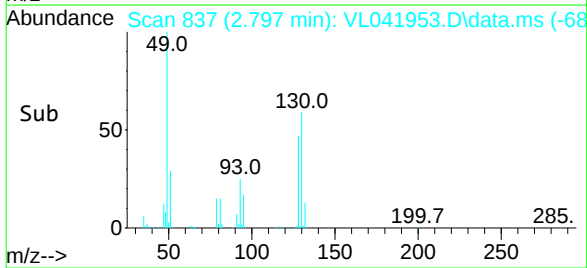
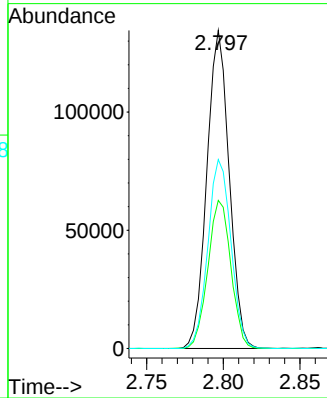
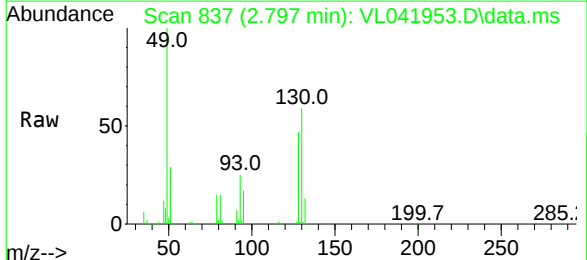
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025

Tgt Ion: 49 Resp: 136338
Ion Ratio Lower Upper
49 100
128 48.0 24.3 73.0
130 61.4 31.1 93.2

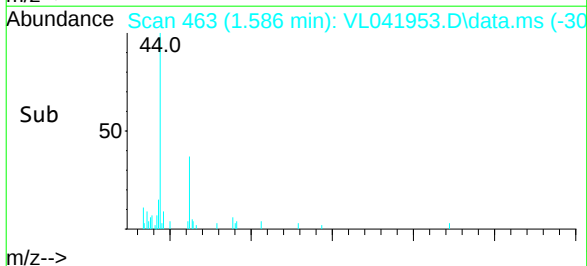
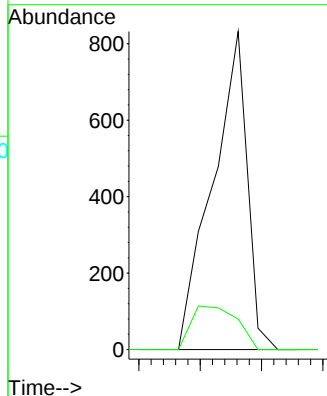
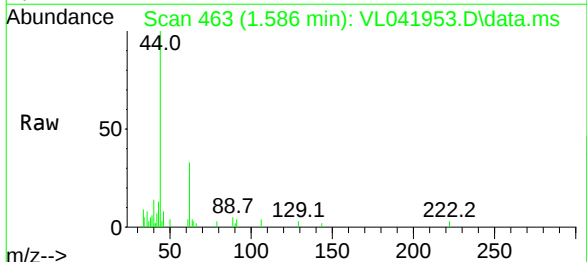
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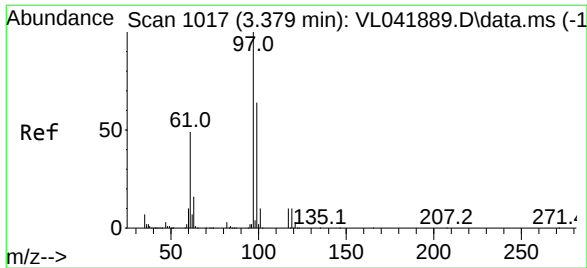
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Supervised By :Mahesh Dadoda 01/30/2025



#5
Vinyl Chloride
Concen: 0.046 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.003 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

Tgt Ion: 62 Resp: 325
Ion Ratio Lower Upper
62 100
64 9.6 26.1 39.1#





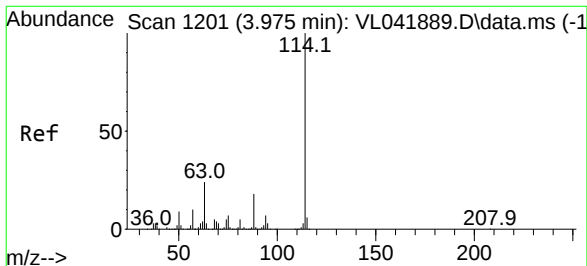
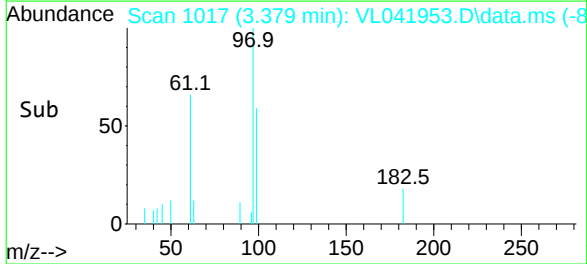
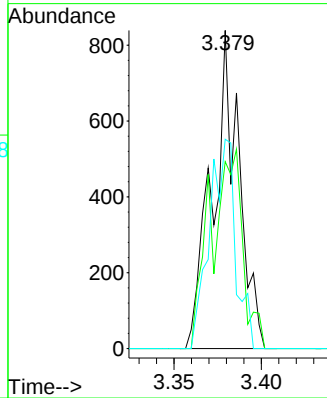
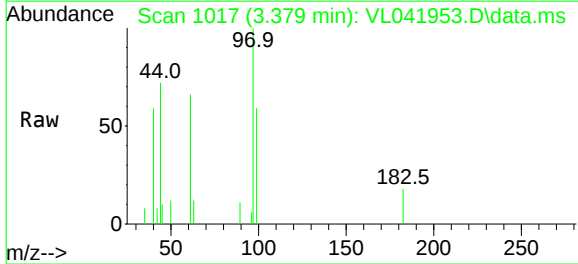
#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 3.379 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7
61	65.0	39.0	58.6

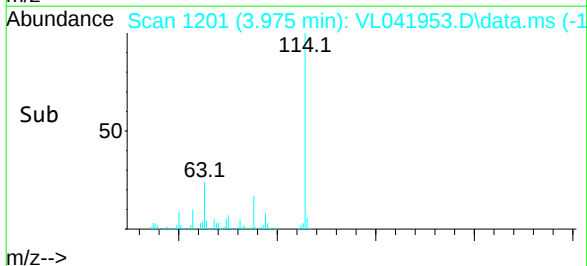
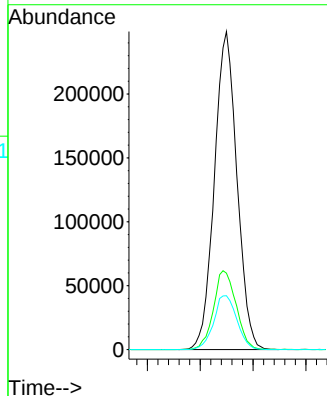
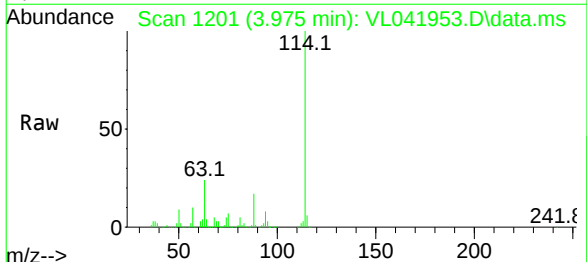
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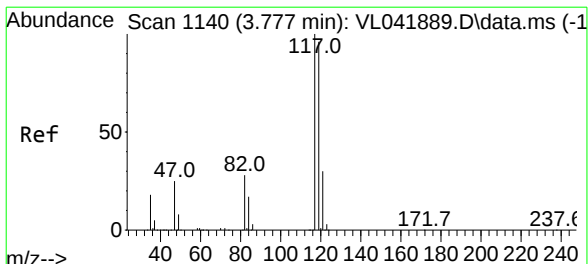
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

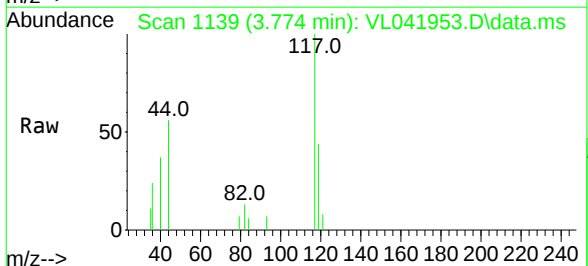
Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.8	29.6
88	17.4	14.4	21.6





#35
Carbon Tetrachloride
Concen: 0.036 ppbv m
RT: 3.774 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

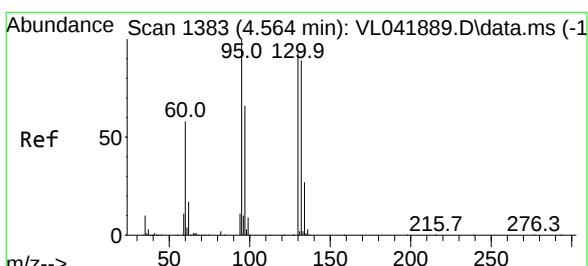
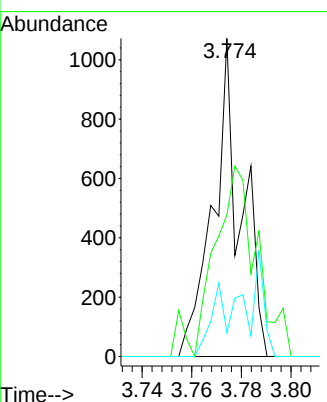
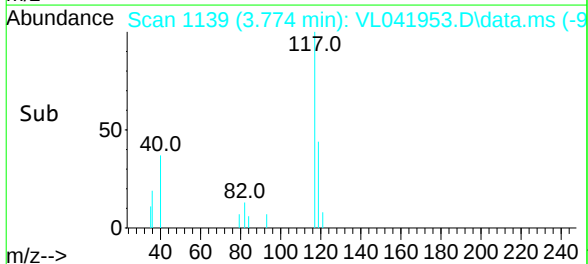
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2025



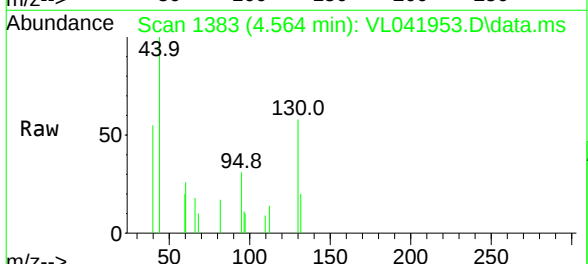
Tgt Ion:117 Resp: 826

Ion	Ratio	Lower	Upper
117	100		
119	44.5	76.9	115.3#
121	7.6	23.8	35.6#

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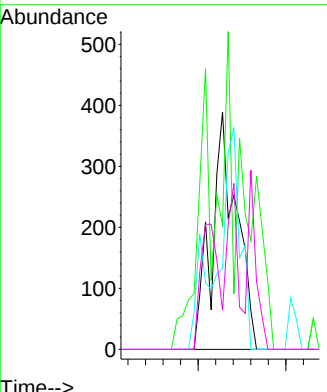
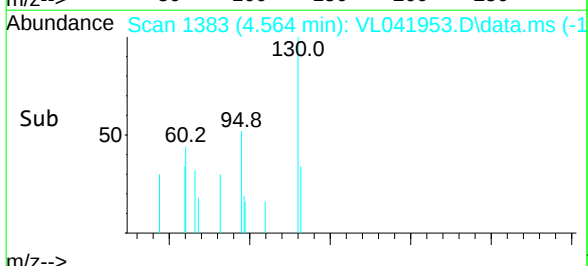


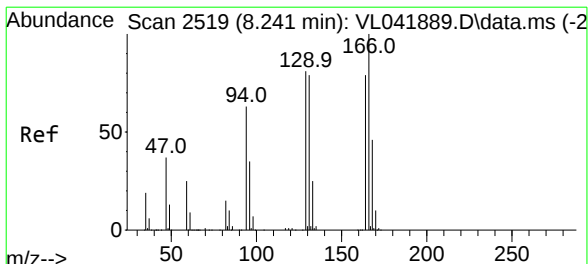
#38
Trichloroethene
Concen: 0.028 ppbv m
RT: 4.564 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40



Tgt Ion:130 Resp: 378

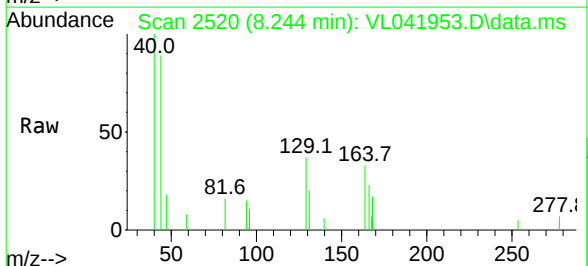
Ion	Ratio	Lower	Upper
130	100		
95	52.4	85.8	128.8#
132	33.9	76.5	114.7#
97	16.5	56.8	85.2#





#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 8.244 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

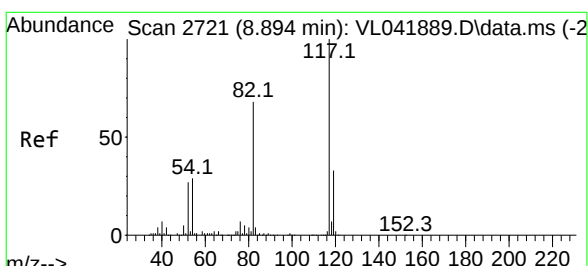
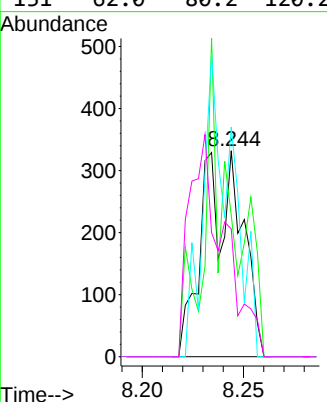
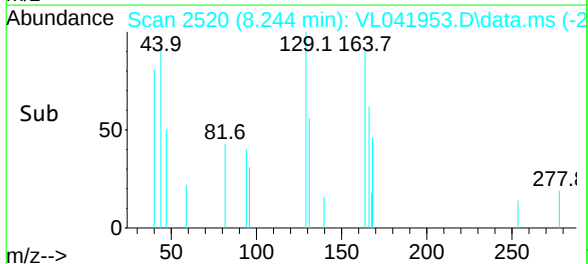
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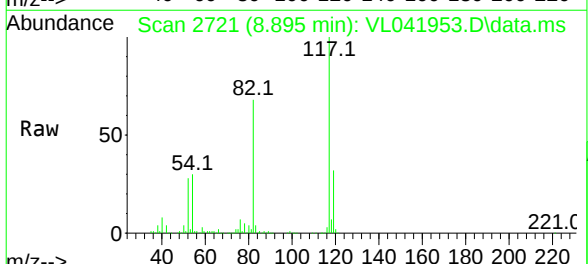
Tgt Ion:	164	Resp:	437
Ion	Ratio	Lower	Upper
164	100		
166	68.7	100.8	151.2#
129	111.4	82.0	123.0#
131	62.0	80.2	120.2#

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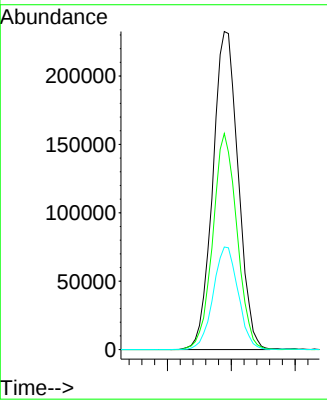
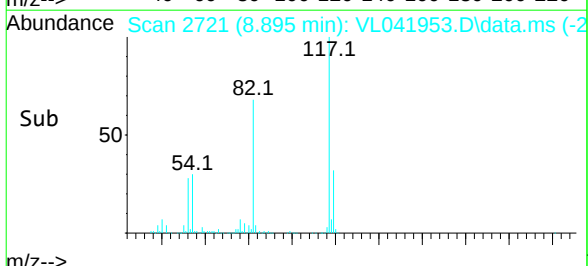
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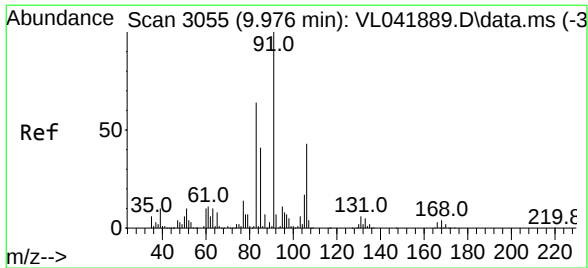


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2721
Delta R.T. 0.000 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40



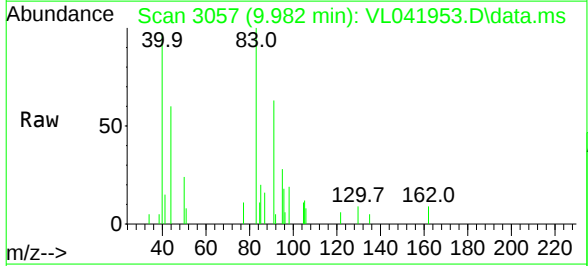
Tgt Ion:	117	Resp:	321541
Ion	Ratio	Lower	Upper
117	100		
82	64.5	54.2	81.4
119	31.8	25.0	37.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.040 ppbv m
RT: 9.982 min Scan# 3057
Delta R.T. 0.007 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

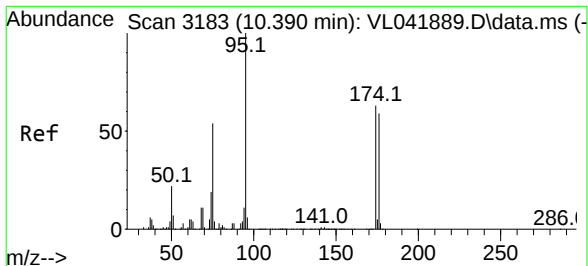
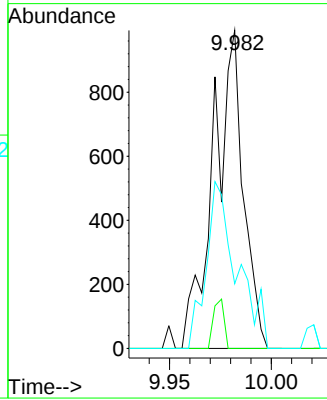
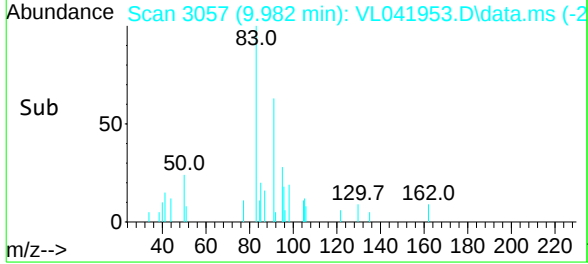
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Tgt Ion:	83	Resp:	1013
Ion	Ratio	Lower	Upper
83	100		
131	5.5	4.8	14.4
85	54.5	32.4	97.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.661 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VL041953.D
Acq: 27 Jan 2025 15:40

Tgt Ion:	95	Resp:	244683
Ion	Ratio	Lower	Upper
95	100		
174	58.1	49.0	73.4
175	4.4	3.8	5.8

