

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041952.D
 Acq On : 27 Jan 2025 15:09
 Operator : SY/MD
 Sample : Q1168-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025

Quant Time: Jan 28 02:38:33 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	2.800	49	137954	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	379662	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	326389	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	246054	9.571	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
5) Vinyl Chloride	1.586	62	298	0.042	ppbv #	63
32) 1,1,1-Trichloroethane	3.383	97	834m	0.031	ppbv	
35) Carbon Tetrachloride	3.781	117	875m	0.037	ppbv	
38) Trichloroethene	4.570	130	480m	0.035	ppbv	
52) Tetrachloroethene	8.251	164	339m	0.028	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.982	83	1069m	0.041	ppbv	

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

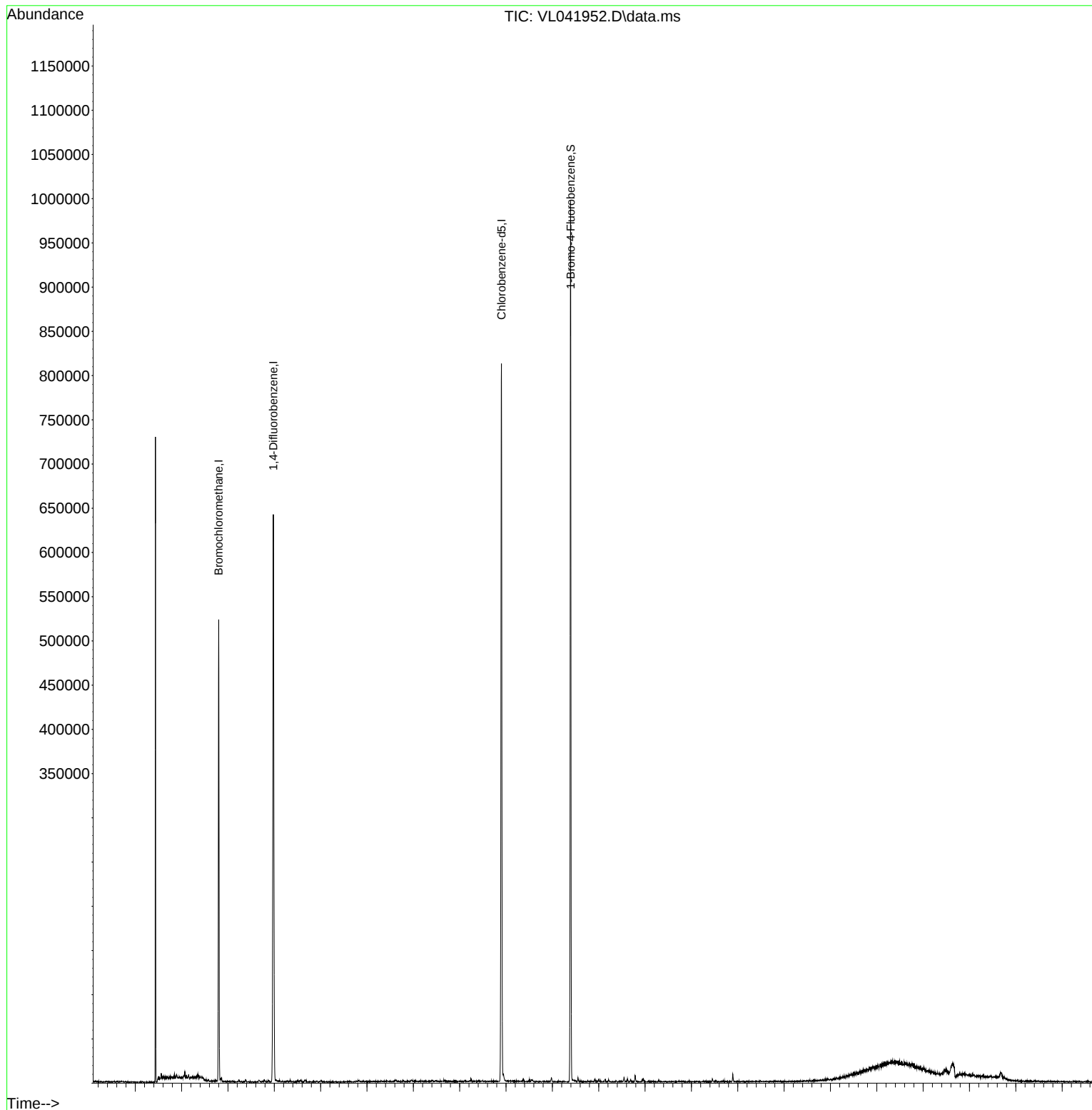
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Data File : VL041952.D
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Misc : 400mL/MSVOA_L
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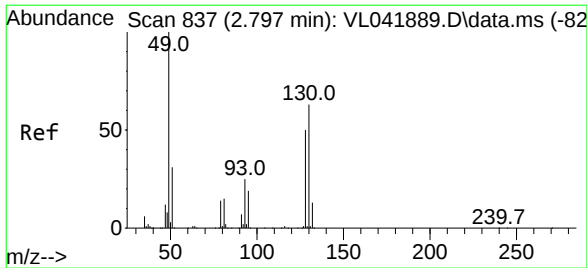
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Quant Time: Jan 28 02:38:33 2025
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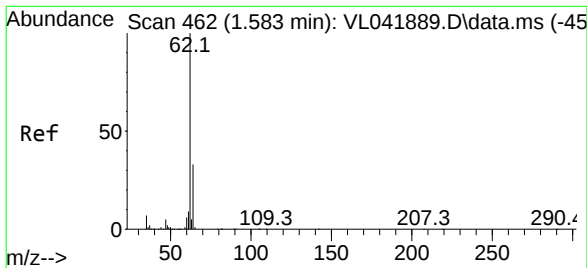
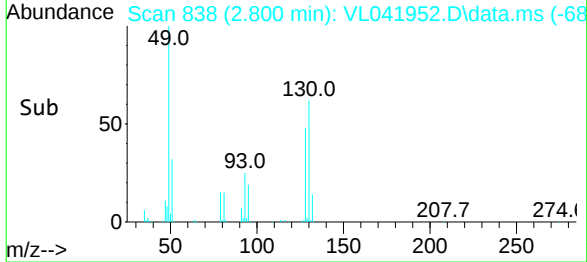
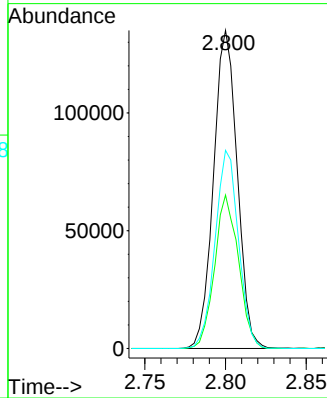
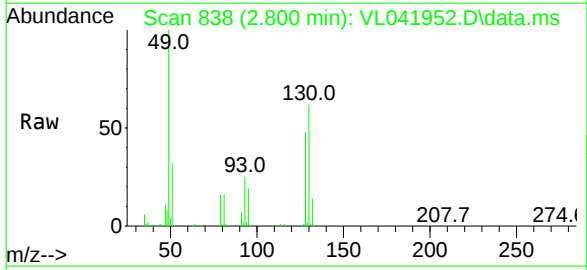
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 837
Delta R.T. 0.003 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 49 Resp: 137954
Ion Ratio Lower Upper
49 100
128 48.7 24.3 73.0
130 61.7 31.1 93.2

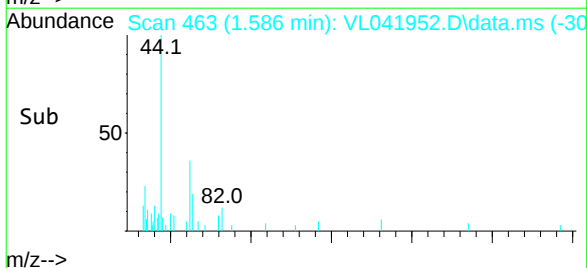
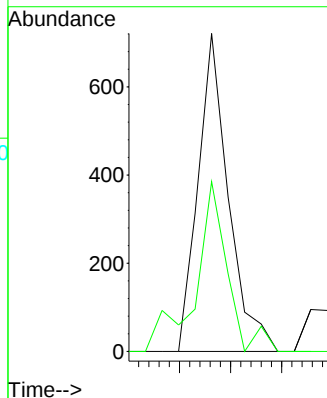
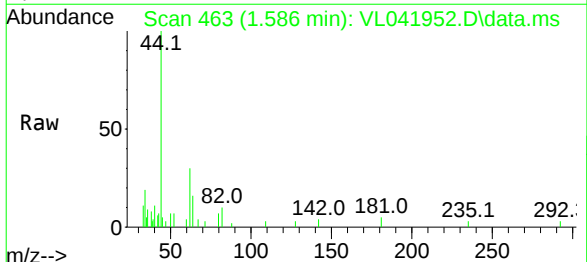
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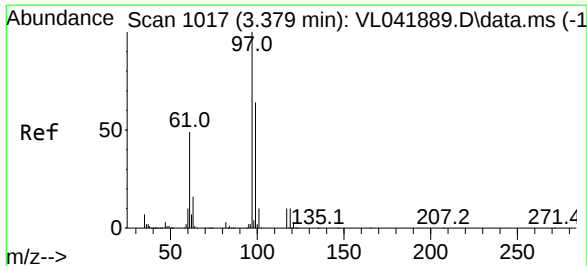
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#5
Vinyl Chloride
Concen: 0.042 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.003 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

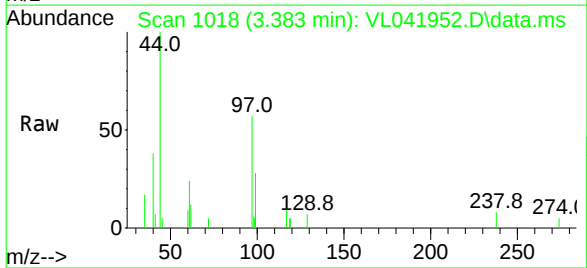
Tgt Ion: 62 Resp: 298
Ion Ratio Lower Upper
62 100
64 53.4 26.1 39.1#





#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 3.383 min Scan# 1018
Delta R.T. 0.003 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

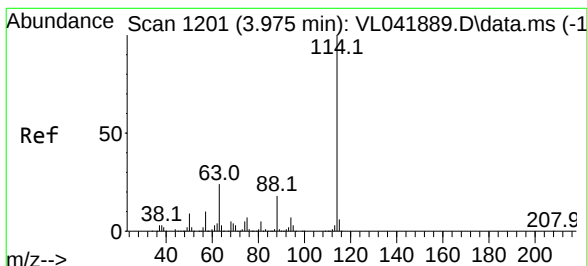
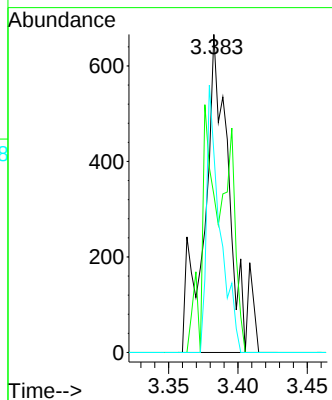
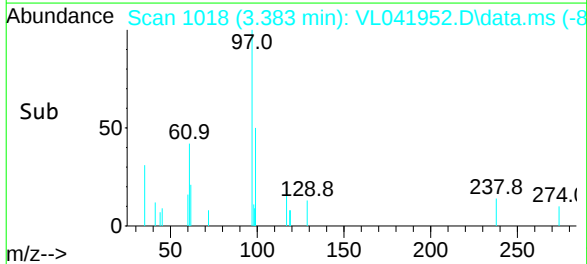
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 97	Resp: 834
Ion Ratio	Lower Upper
97 100	
99 73.7	51.1 76.7
61 45.1	39.0 58.6

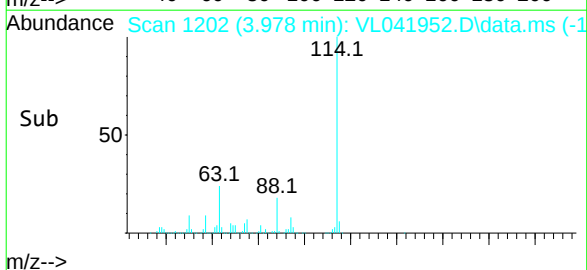
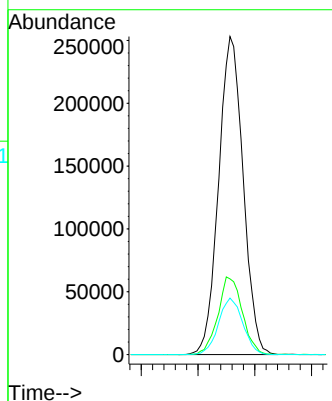
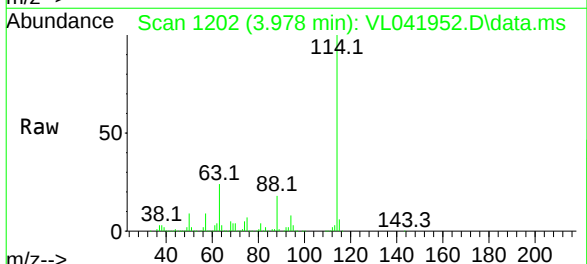
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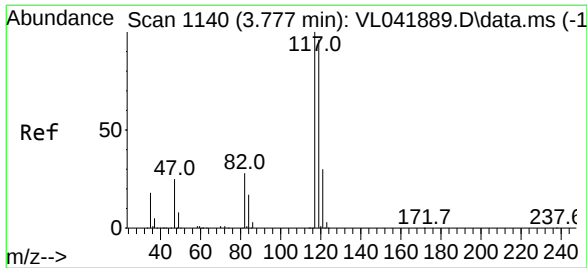
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. 0.003 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

Tgt Ion: 114	Resp: 379662
Ion Ratio	Lower Upper
114 100	
63 24.3	19.8 29.6
88 17.6	14.4 21.6





#35

Carbon Tetrachloride

Concen: 0.037 ppbv m

RT: 3.781 min Scan# 1140

Delta R.T. 0.003 min

Lab File: VL041952.D

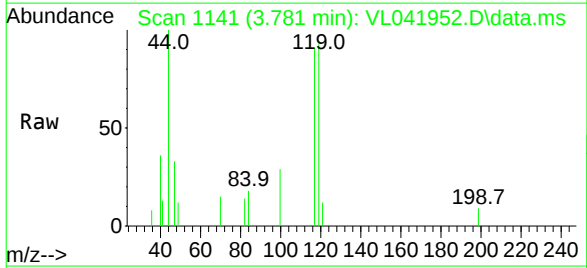
Acq: 27 Jan 2025 15:09

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

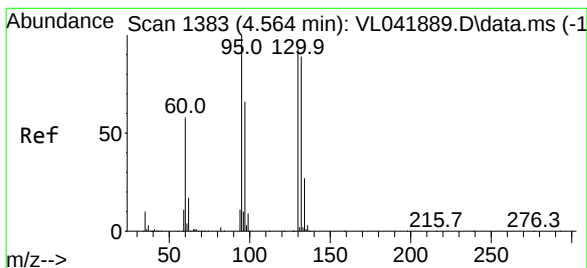
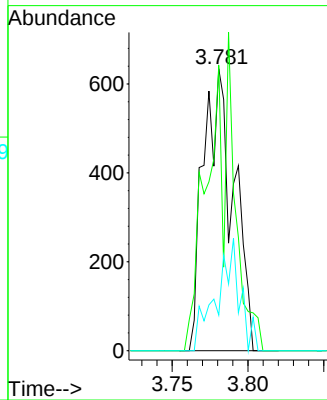
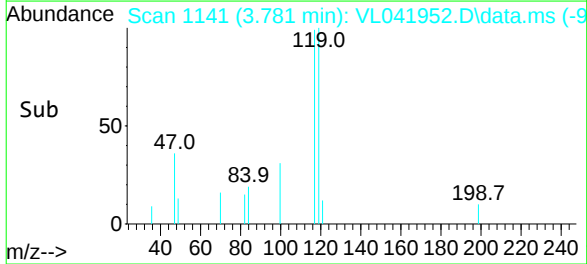


Tgt Ion:	117	Resp:	875
Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.9	115.3
121	12.6	23.8	35.6

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Supervised By :Mahesh Dadoda 01/30/2025



#38

Trichloroethene

Concen: 0.035 ppbv m

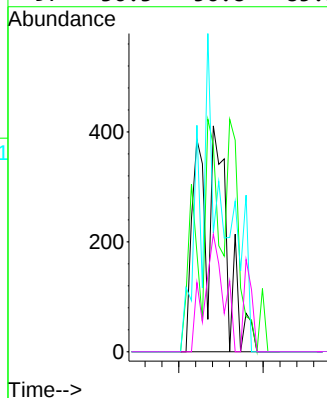
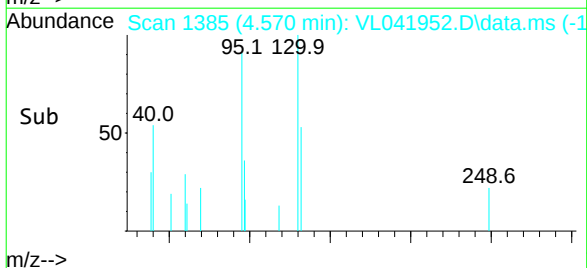
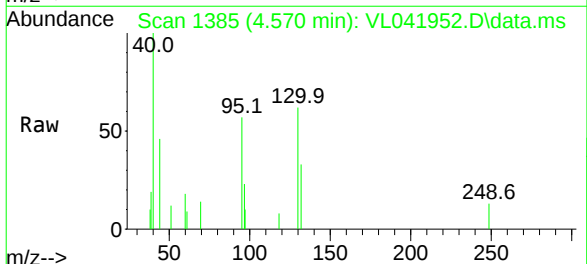
RT: 4.570 min Scan# 1385

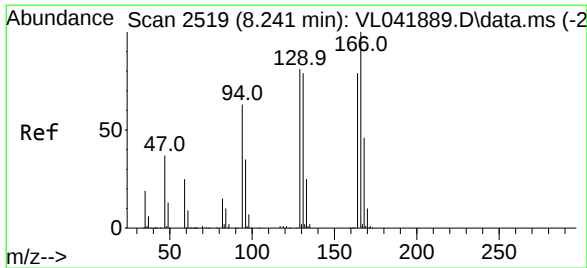
Delta R.T. 0.007 min

Lab File: VL041952.D

Acq: 27 Jan 2025 15:09

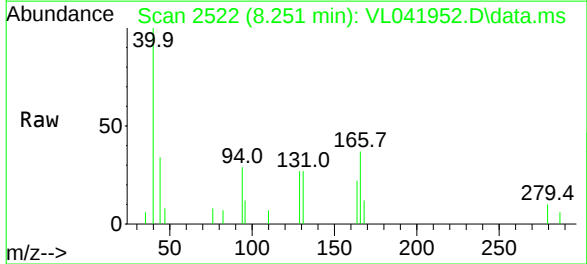
Tgt Ion:	130	Resp:	480
Ion	Ratio	Lower	Upper
130	100		
95	91.5	85.8	128.8
132	52.6	76.5	114.7
97	36.3	56.8	85.2





#52
Tetrachloroethene
Concen: 0.028 ppbv m
RT: 8.251 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

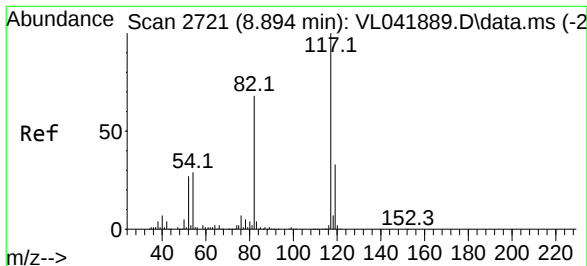
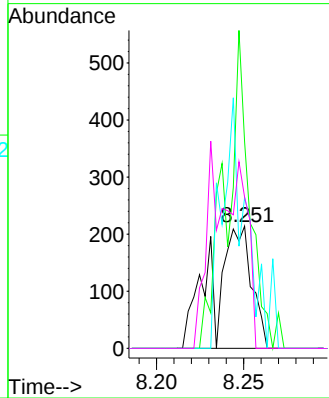
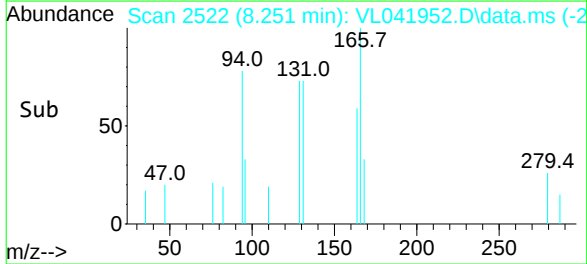
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



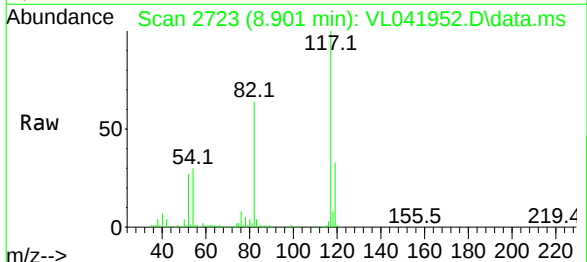
Tgt Ion:	164	Resp:	339
Ion	Ratio	Lower	Upper
164	100		
166	169.2	100.8	151.2
129	123.4	82.0	123.0
131	123.8	80.2	120.2

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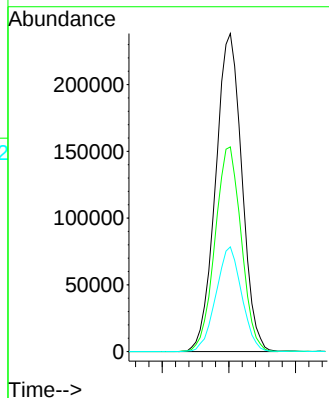
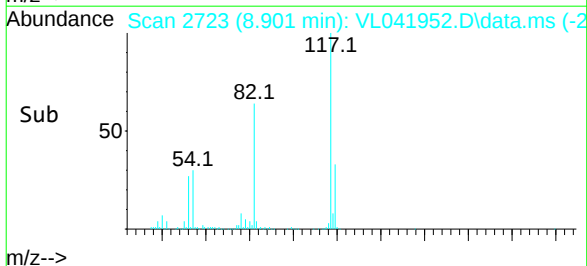
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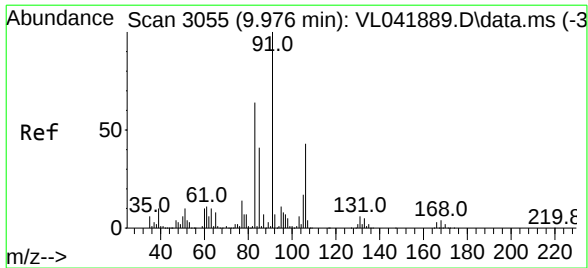


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.007 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09



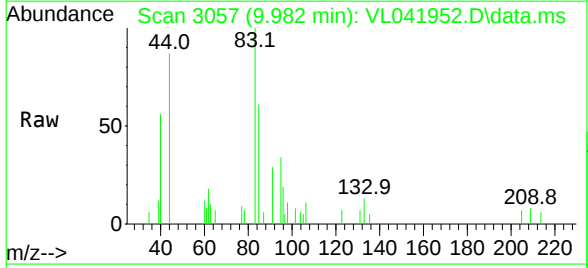
Tgt Ion:	117	Resp:	326389
Ion	Ratio	Lower	Upper
117	100		
82	64.3	54.2	81.4
119	32.4	25.0	37.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.041 ppbv m
RT: 9.982 min Scan# 3055
Delta R.T. 0.007 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

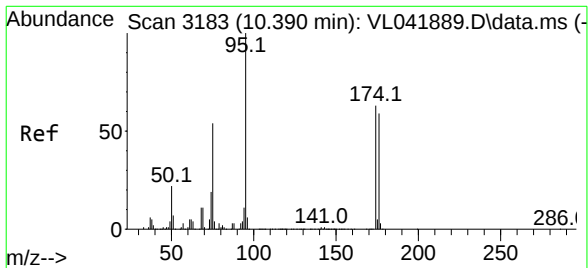
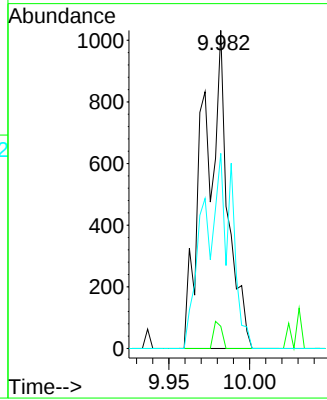
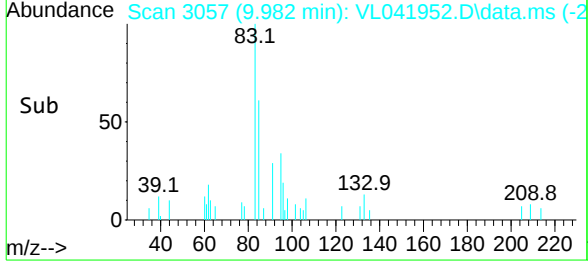
Instrument : MSVOA_L
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Tgt Ion: 83 Resp: 1069
Ion Ratio Lower Upper
83 100
131 2.9 4.8 14.4#
85 70.3 32.4 97.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.571 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VL041952.D
Acq: 27 Jan 2025 15:09

Tgt Ion: 95 Resp: 246054
Ion Ratio Lower Upper
95 100
174 59.8 49.0 73.4
175 4.6 3.8 5.8

