

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041905.D
 Acq On : 14 Jan 2025 22:51
 Operator : SY/MD
 Sample : Q1073-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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

Quant Time: Jan 15 03:29:15 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	2.793	49	131930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	381564	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	331127	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	263631	10.108	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
2) Dichlorodifluoromethane	1.499	85	2500	0.139	ppbv #	84
9) Propene	1.489	41	16683	2.151	ppbv	86
15) Acetone	1.839	43	17170	1.084	ppbv #	76
20) Methylene Chloride	2.062	84	1202	0.192	ppbv	89
34) 2-Butanone	2.564	43	24886	1.026	ppbv	99
51) 2-Hexanone	7.457	43	6943m	0.273	ppbv	
52) Tetrachloroethene	8.231	164	2109m	0.174	ppbv	
53) Toluene	6.943	91	12994m	0.341	ppbv	

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

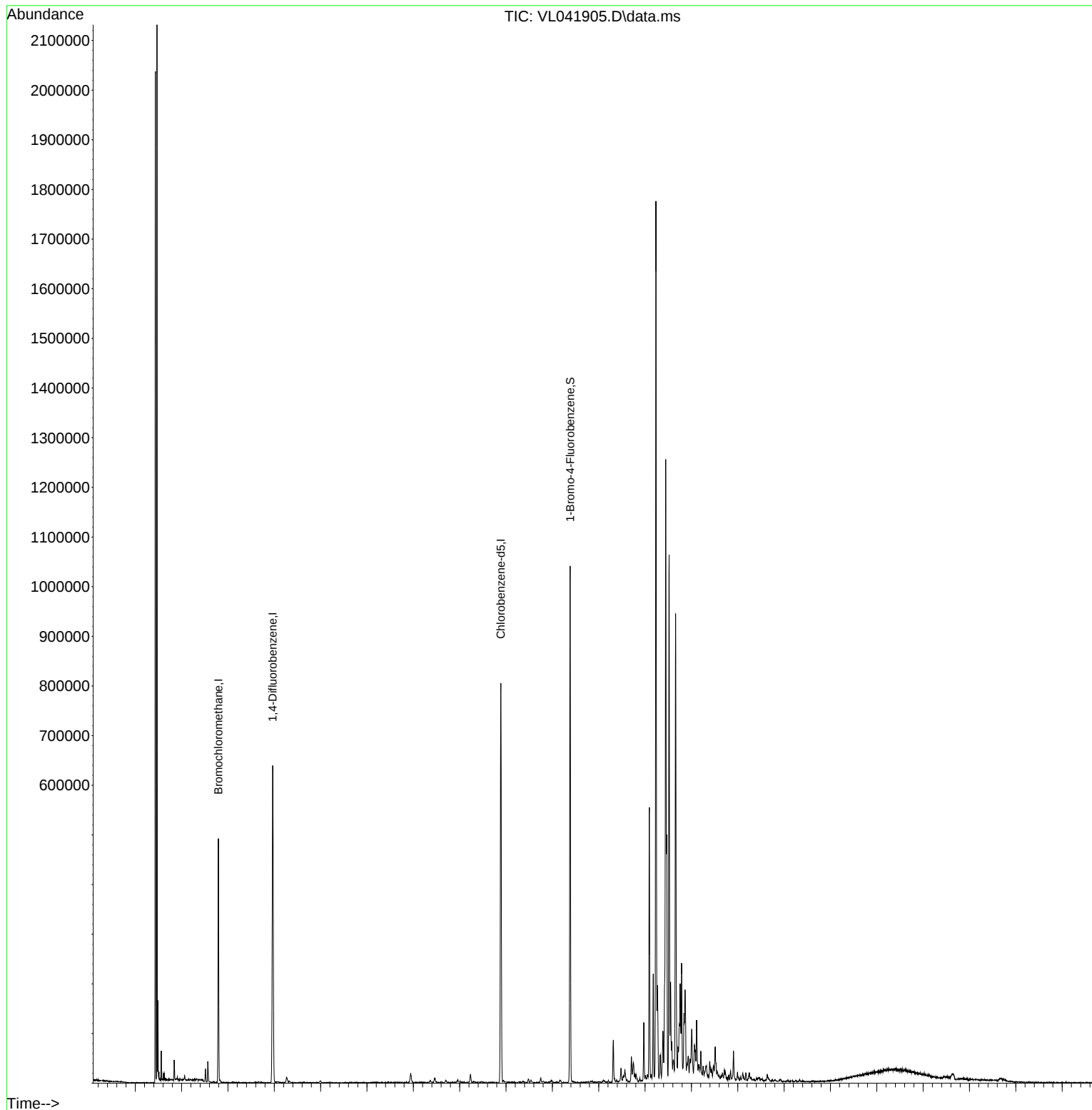
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041905.D
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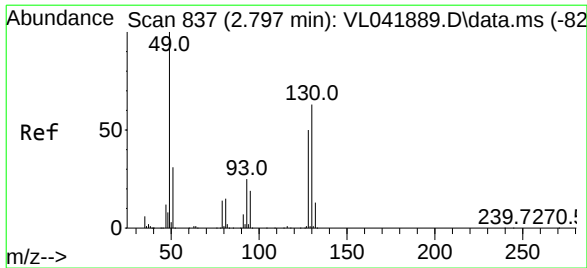
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Jan 15 03:29:15 2025
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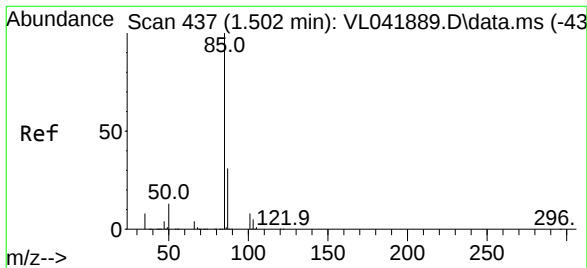
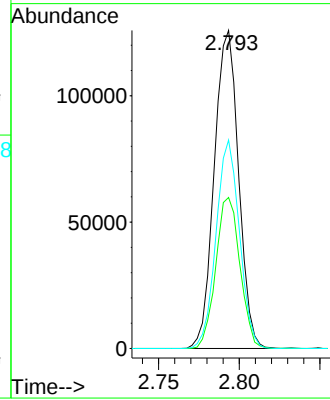
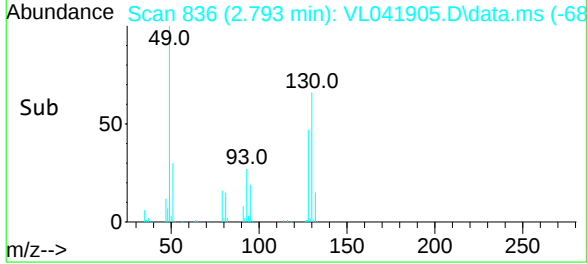
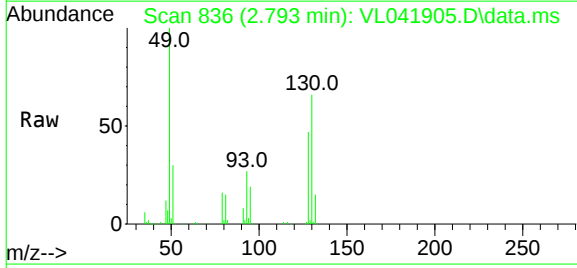
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 837
Delta R.T. -0.004 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 49 Resp: 131930
Ion Ratio Lower Upper
49 100
128 47.2 24.3 73.0
130 63.0 31.1 93.2

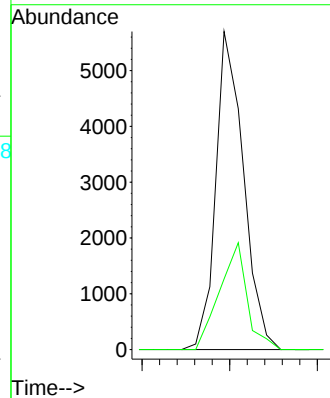
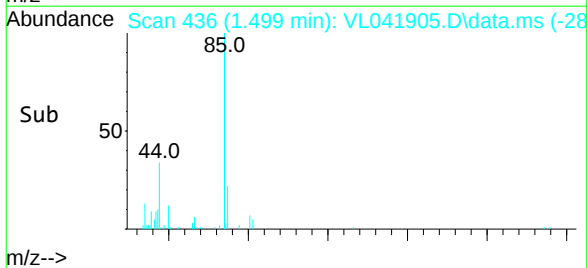
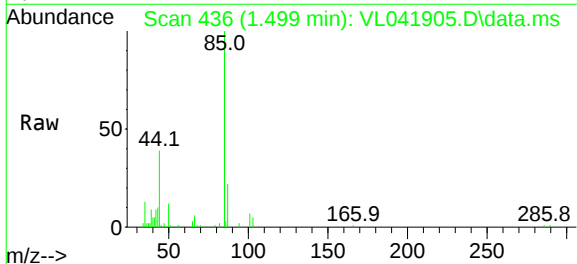
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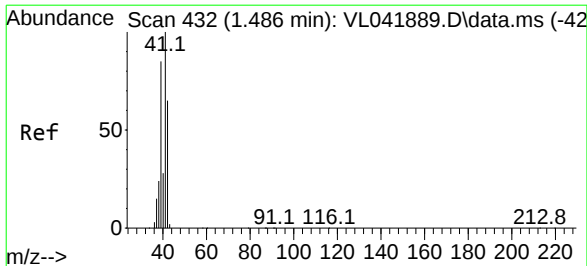
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#2
Dichlorodifluoromethane
Concen: 0.139 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

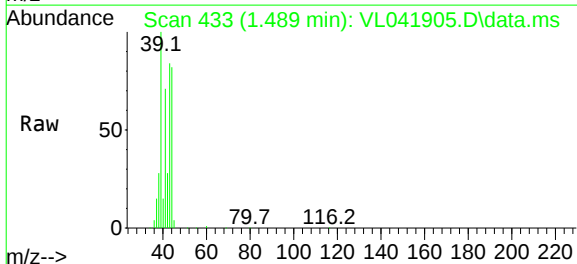
Tgt Ion: 85 Resp: 2500
Ion Ratio Lower Upper
85 100
87 22.2 24.9 37.3#





#9
Propene
Concen: 2.151 ppbv
RT: 1.489 min Scan# 43
Delta R.T. 0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

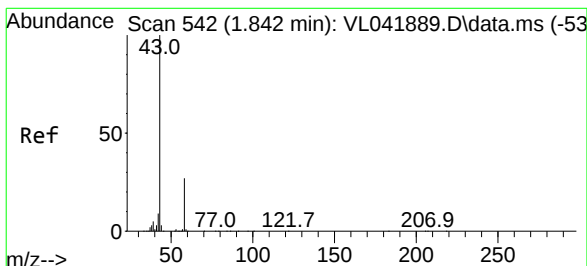
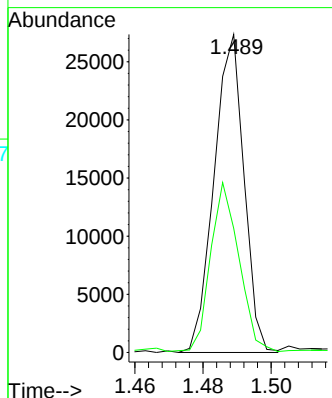
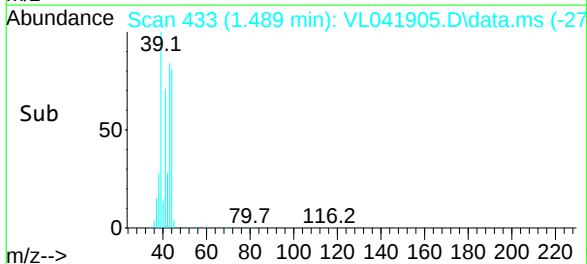
Instrument :
MSVOA_L
ClientSampleId :
SV1



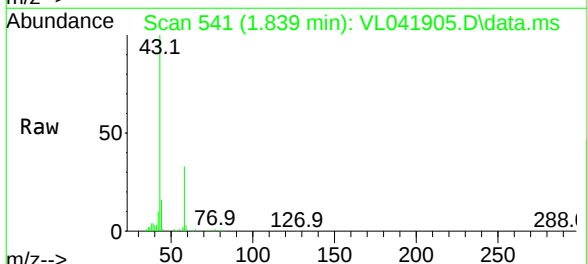
Tgt Ion: 41 Resp: 16683
Ion Ratio Lower Upper
41 100
42 54.2 52.0 78.0

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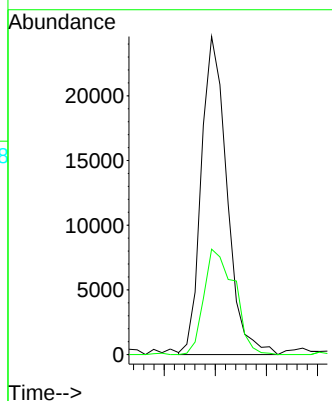
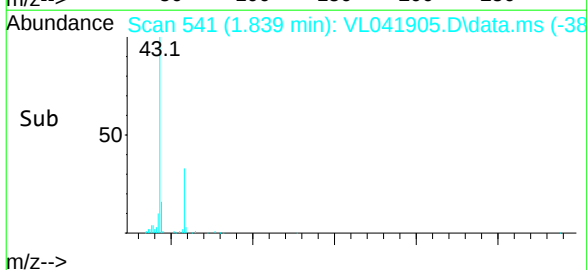
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

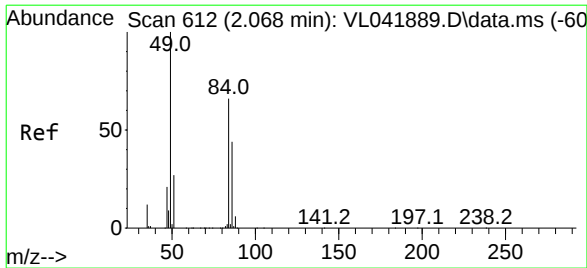


#15
Acetone
Concen: 1.084 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51



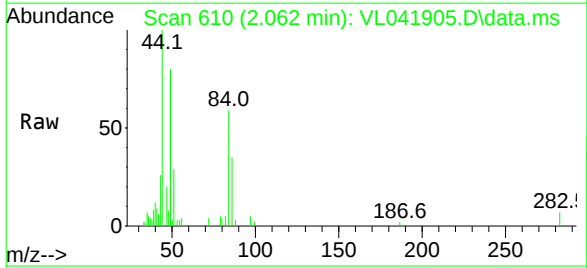
Tgt Ion: 43 Resp: 17170
Ion Ratio Lower Upper
43 100
58 39.7 21.9 32.9#





#20
Methylene Chloride
Concen: 0.192 ppbv
RT: 2.062 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

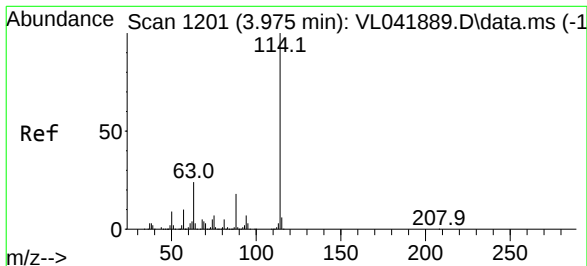
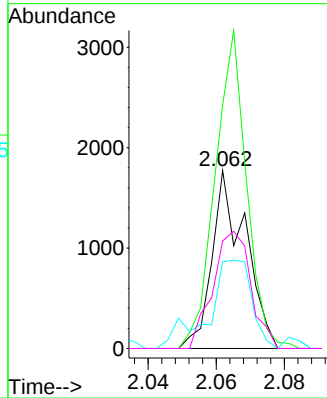
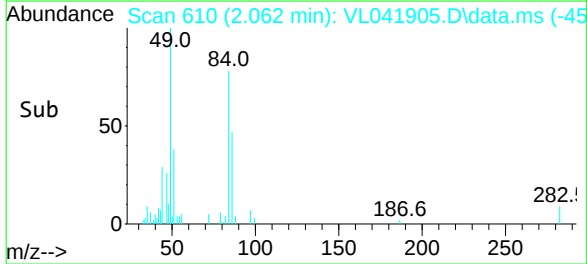
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:	84	Resp:	1202
Ion	Ratio	Lower	Upper
84	100		
49	136.9	123.1	184.7
51	48.8	35.8	53.8
86	60.5	53.7	80.5

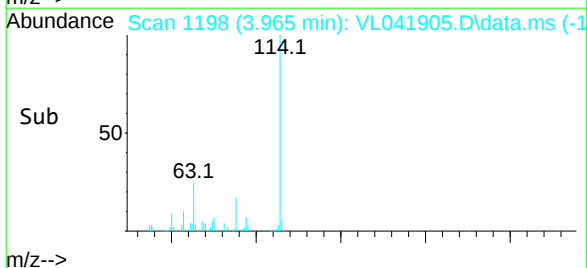
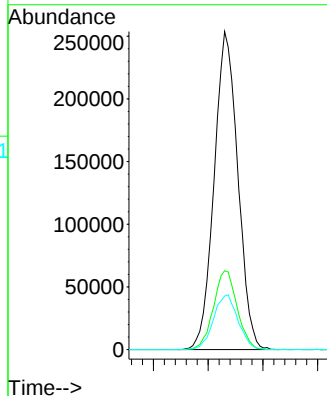
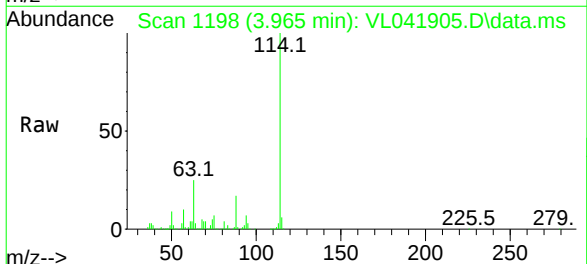
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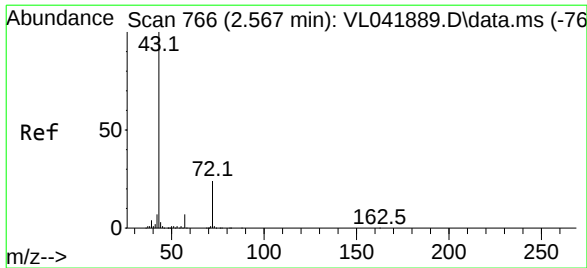
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.010 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

Tgt Ion:	114	Resp:	381564
Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.8	29.6
88	17.7	14.4	21.6





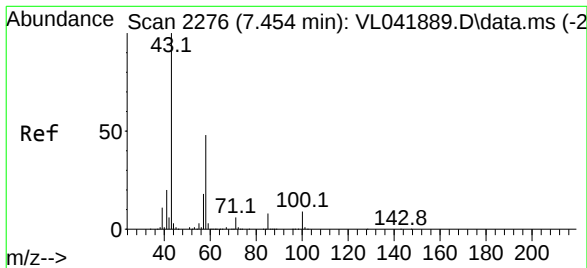
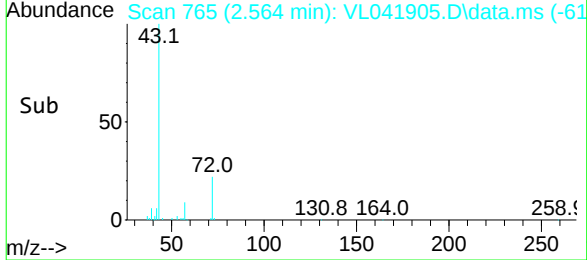
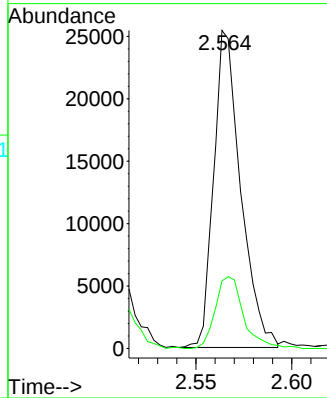
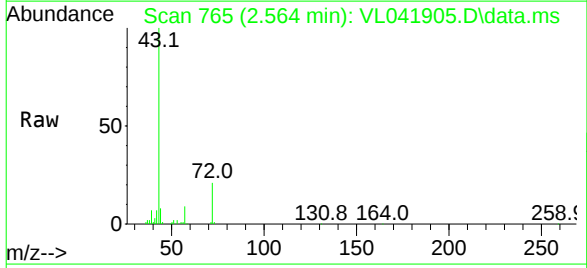
#34
2-Butanone
Concen: 1.026 ppbv
RT: 2.564 min Scan# 766
Delta R.T. -0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 24886
Ion Ratio Lower Upper
43 100
72 23.8 18.6 28.0

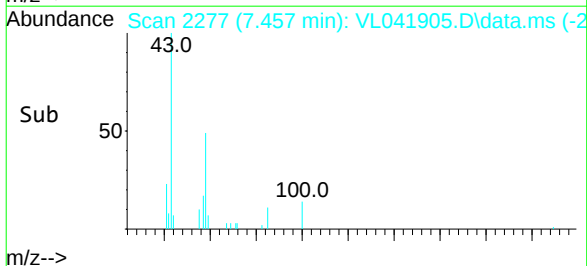
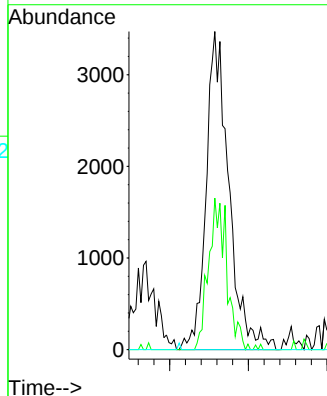
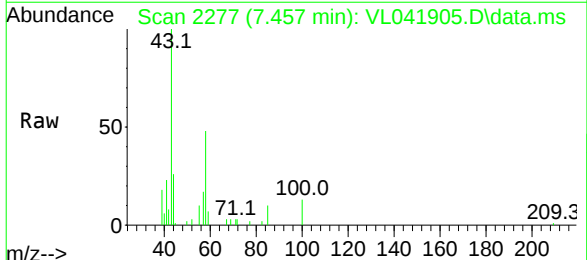
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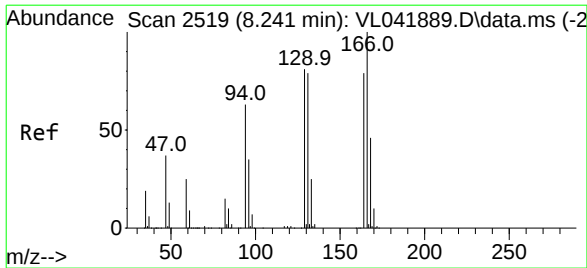
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#51
2-Hexanone
Concen: 0.273 ppbv m
RT: 7.457 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

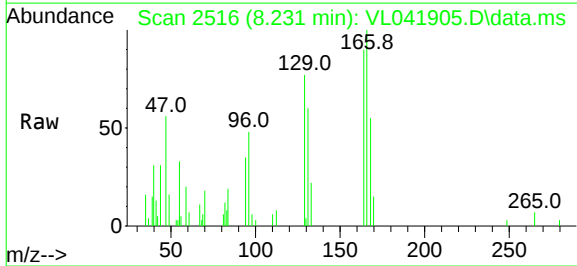
Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
98 0.2 0.2 0.2





#52
Tetrachloroethene
Concen: 0.174 ppbv m
RT: 8.231 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

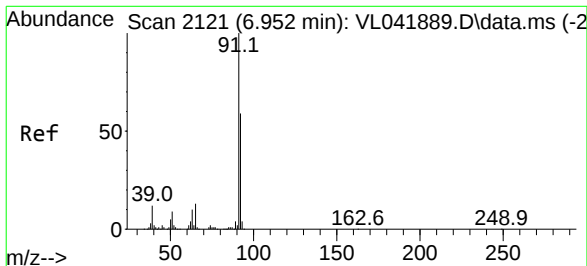
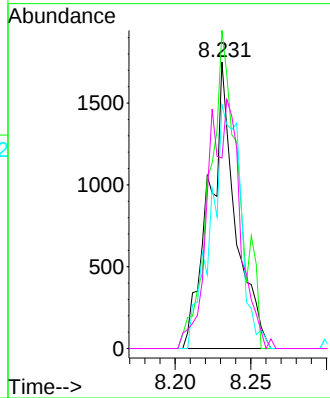
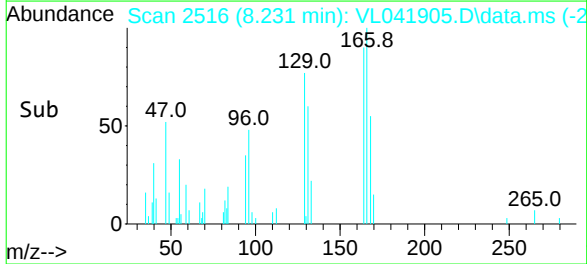
Instrument : MSVOA_L
ClientSampleId : SV1



Tgt Ion	Ratio	Lower	Upper
164	100		
166	111.0	100.8	151.2
129	85.1	82.0	123.0
131	66.5	80.2	120.2

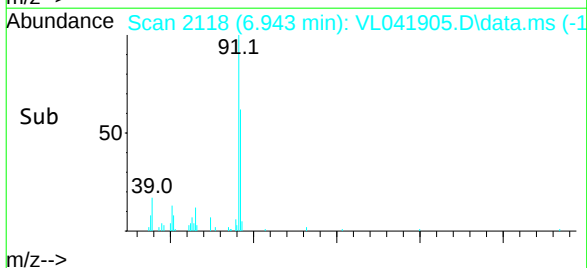
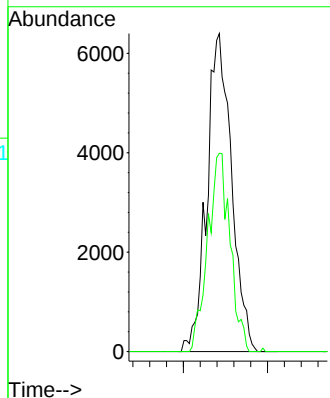
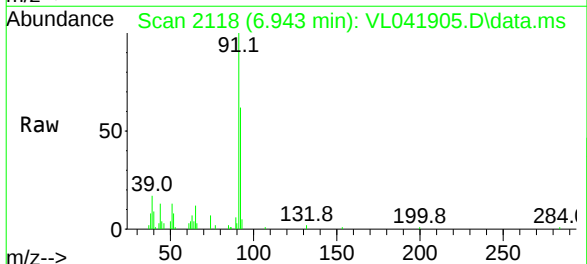
Manual Integrations
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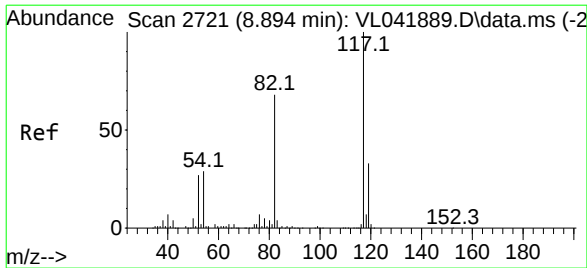
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#53
Toluene
Concen: 0.341 ppbv m
RT: 6.943 min Scan# 2118
Delta R.T. -0.010 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

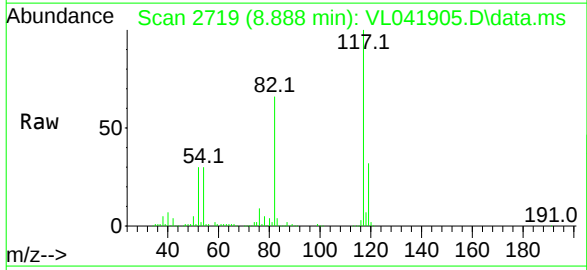
Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.7	47.4	71.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.007 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

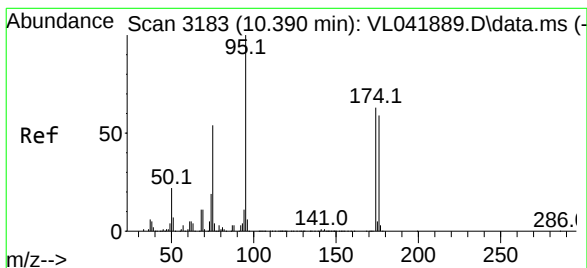
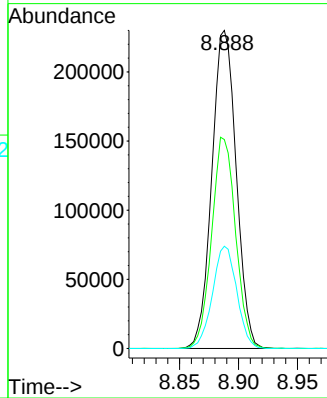
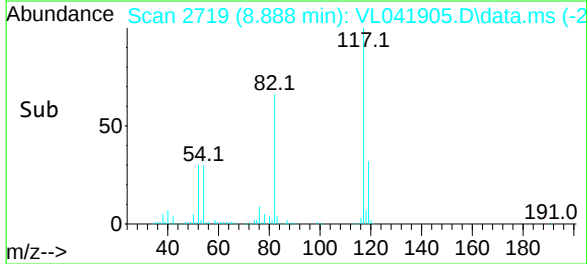
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 117 Resp: 331127
Ion Ratio Lower Upper
117 100
82 65.3 54.2 81.4
119 32.0 25.0 37.6

Manual Integrations
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Supervised By : Mahesh Dadoda 01/15/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.108 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.007 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

Tgt Ion: 95 Resp: 263631
Ion Ratio Lower Upper
95 100
174 58.7 49.0 73.4
175 4.5 3.8 5.8

