

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						
					Qvalue	
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

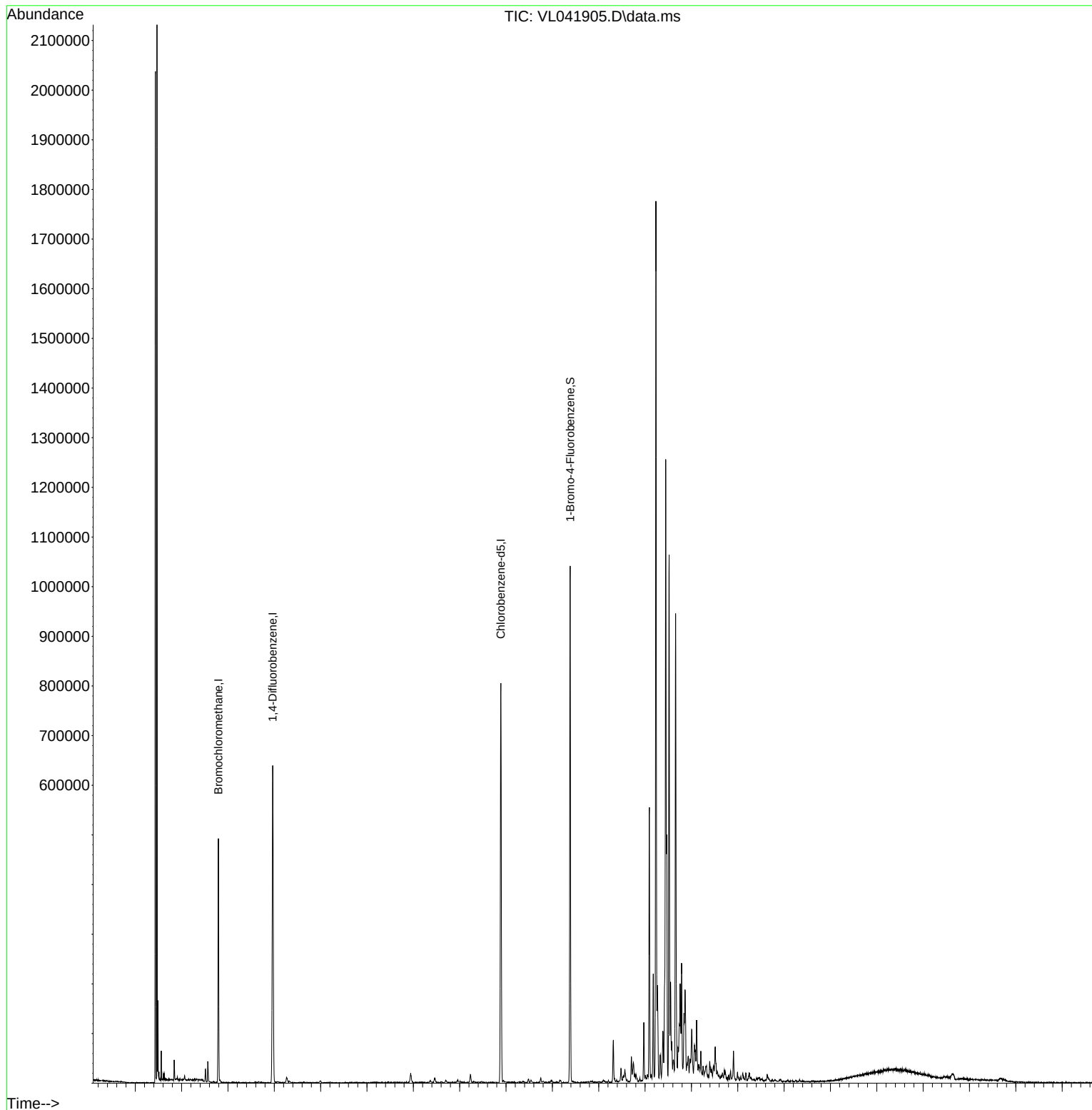
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041905.D
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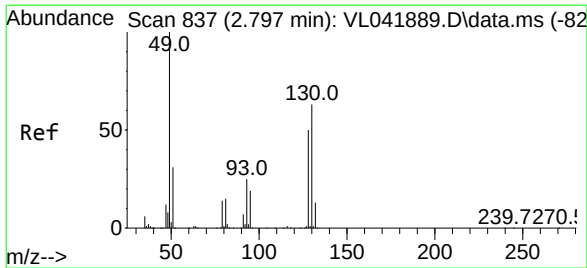
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Jan 15 03:29:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
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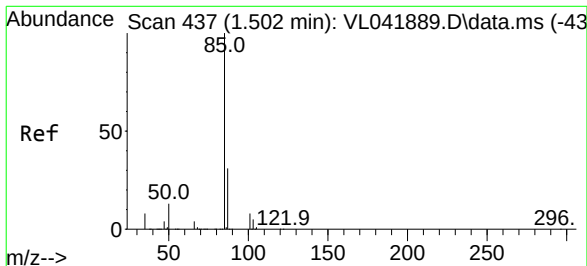
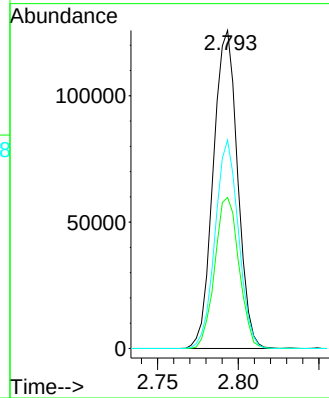
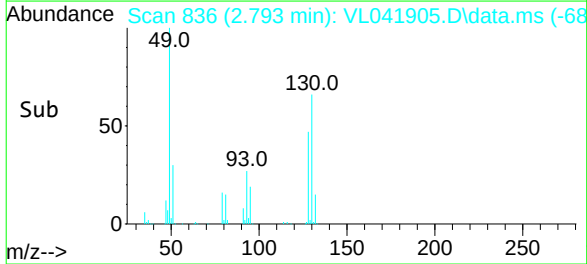
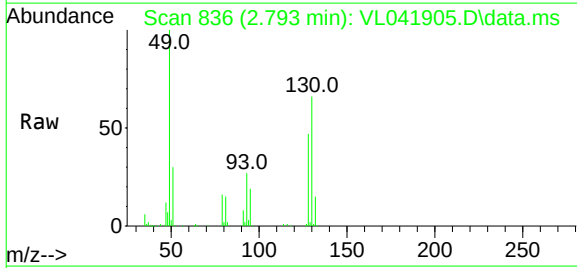
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 836
Delta R.T. -0.004 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

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

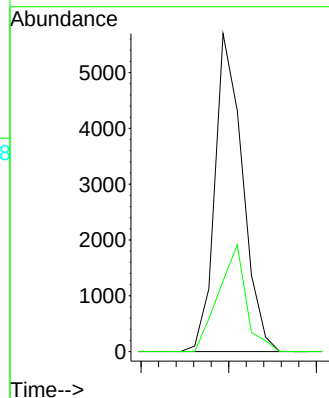
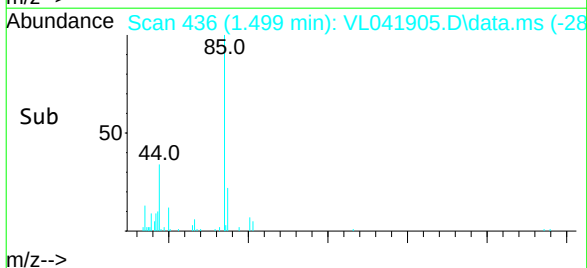
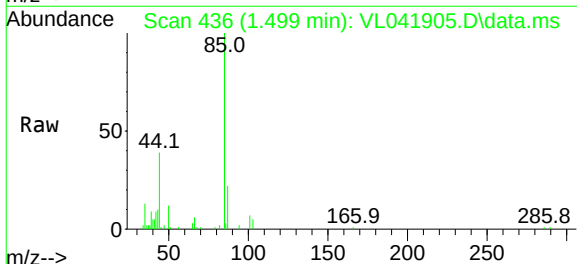
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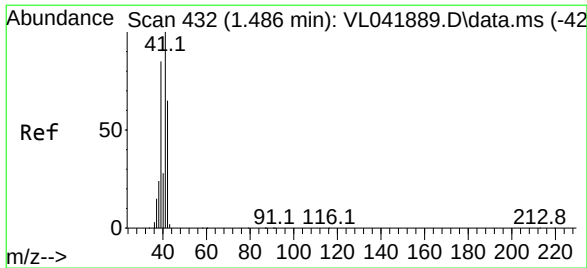
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#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

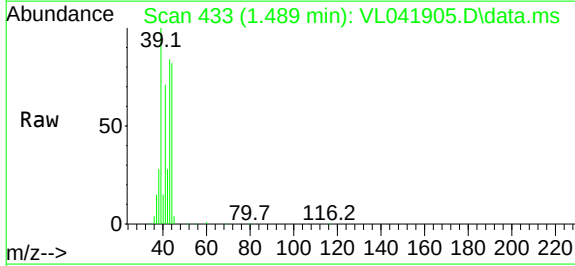
Tgt Ion: 85 Resp: 2500
Ion Ratio Lower Upper
85 100
87 22.2 24.9 37.3#





#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

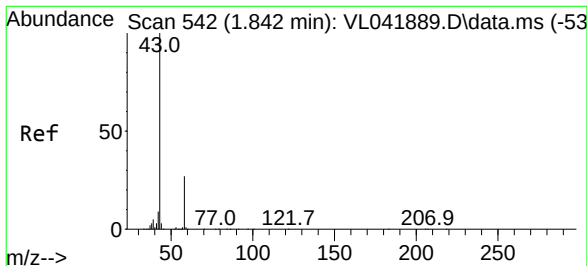
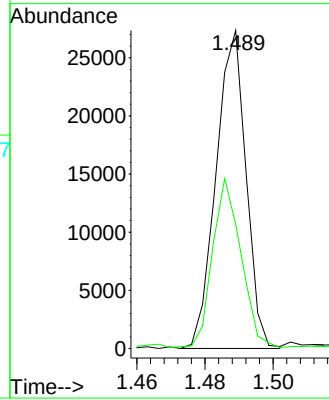
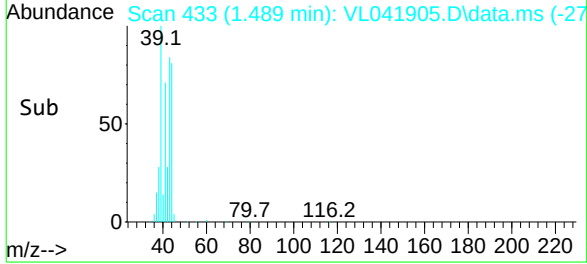
Instrument :
MSVOA_L
ClientSampleId :
SV1



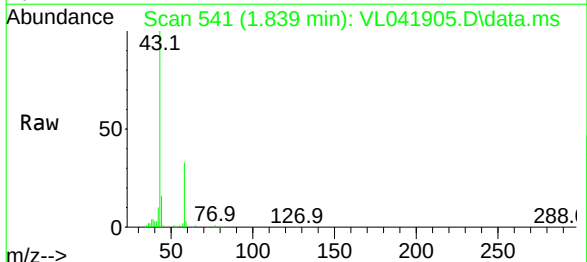
Tgt Ion: 41 Resp: 16683
Ion Ratio Lower Upper
41 100
42 54.2 52.0 78.0

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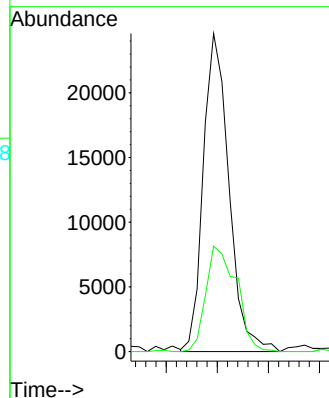
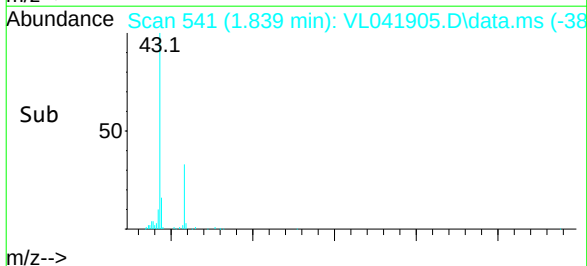
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

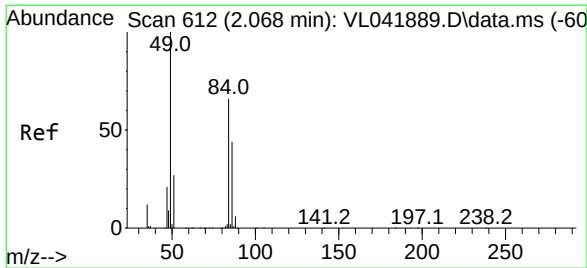


#15
Acetone
Concen: 1.084 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51



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





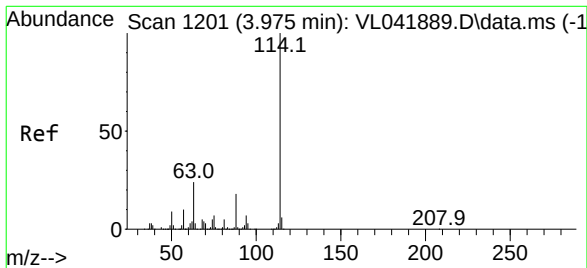
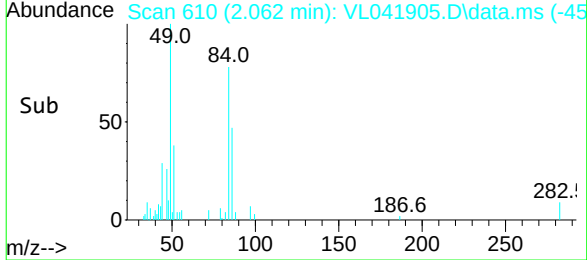
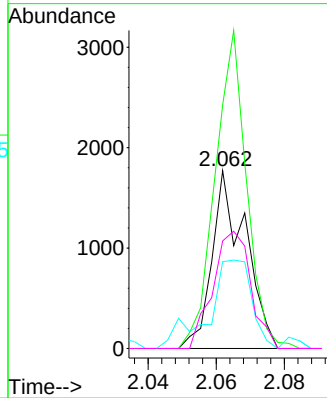
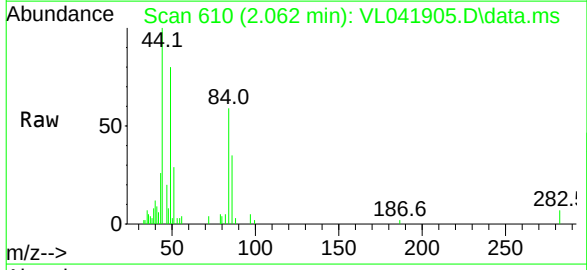
#20
Methylene Chloride
Concen: 0.192 ppbv
RT: 2.062 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

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

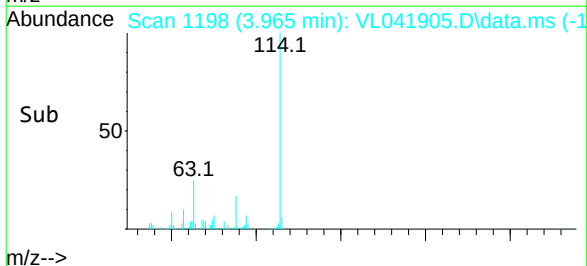
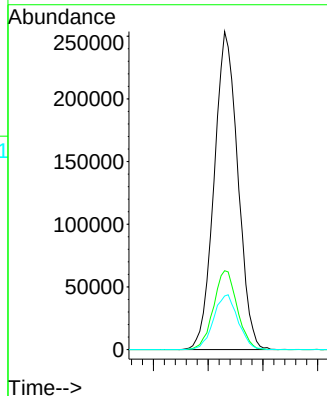
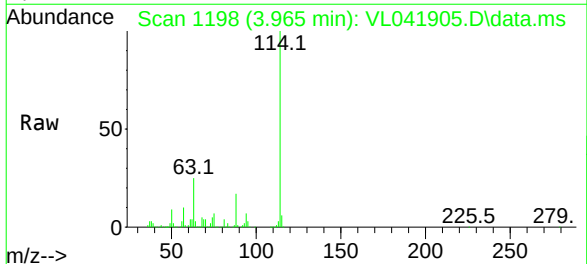
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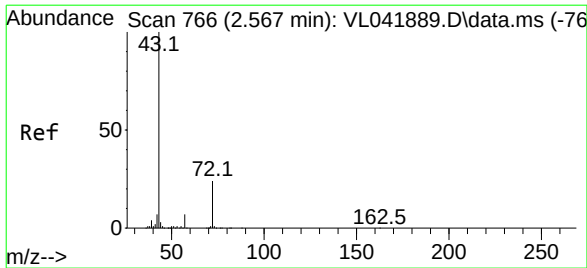
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#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





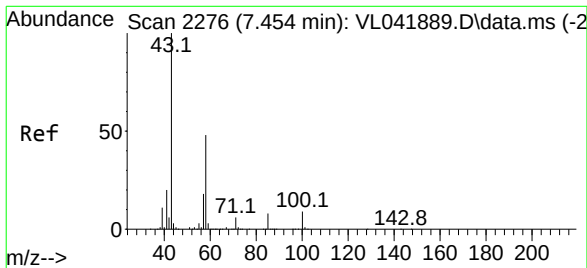
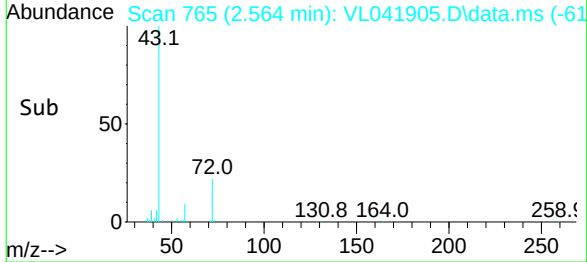
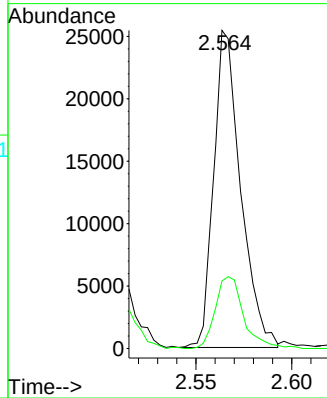
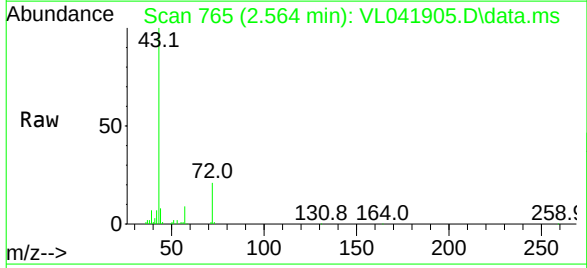
#34
2-Butanone
Concen: 1.026 ppbv
RT: 2.564 min Scan# 766
Delta R.T. -0.003 min
Lab File: VL041905.D
Acq: 14 Jan 2025 22:51

Instrument :
MSVOA_L
ClientSampleId :
SV1

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

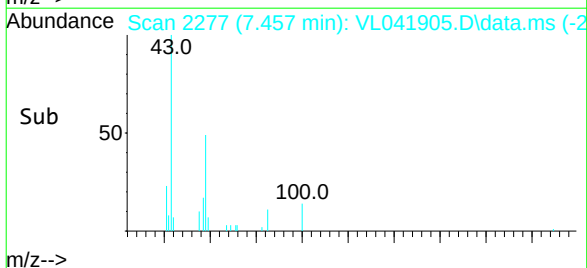
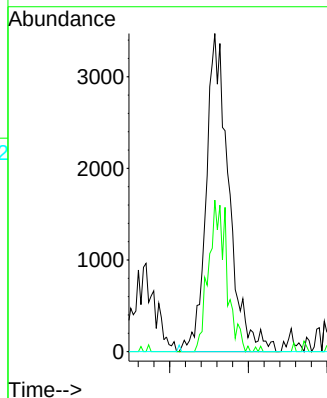
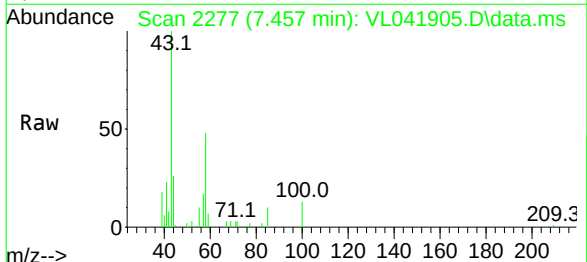
Manual Integrations
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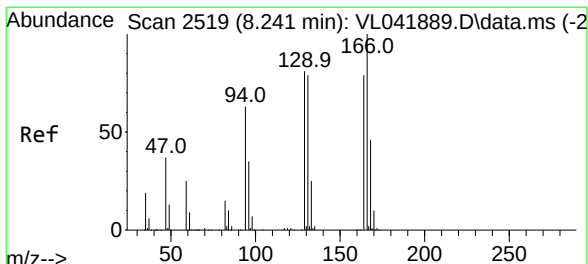
Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#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

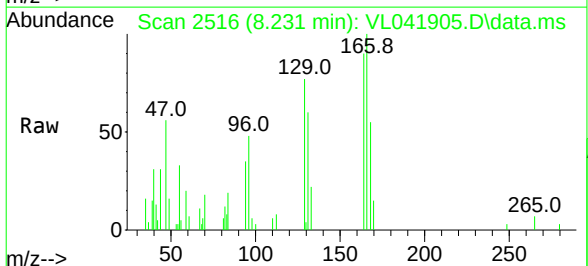
Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
58 0.0 40.4 60.6#
98 0.2 0.2 0.2





#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

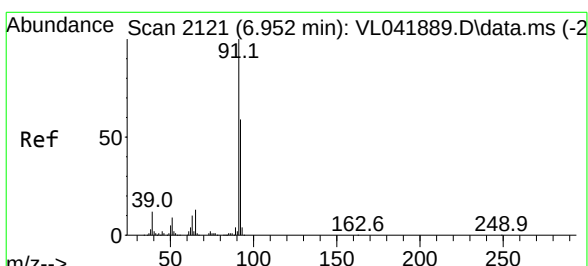
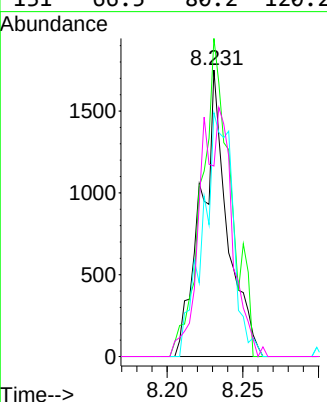
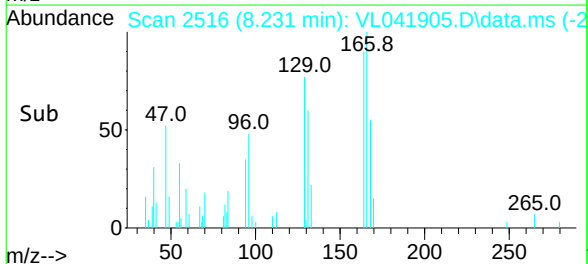
Instrument : MSVOA_L
 ClientSampleId : SV1



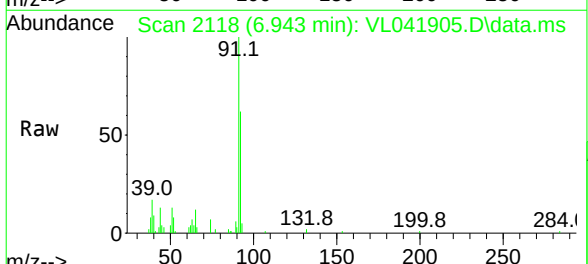
Tgt Ion:	164	Resp:	2109
Ion	Ratio	Lower	Upper
164	100		
166	111.0	100.8	151.2
129	85.1	82.0	123.0
131	66.5	80.2	120.2

Manual Integrations
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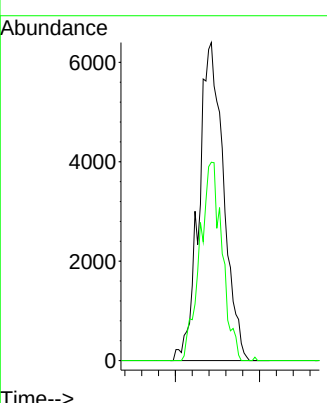
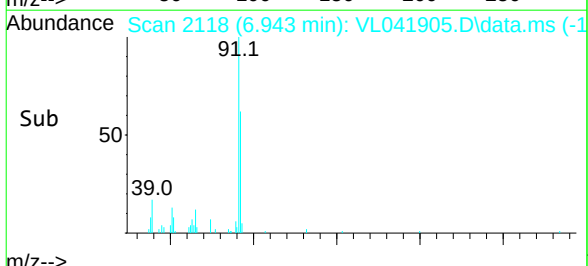
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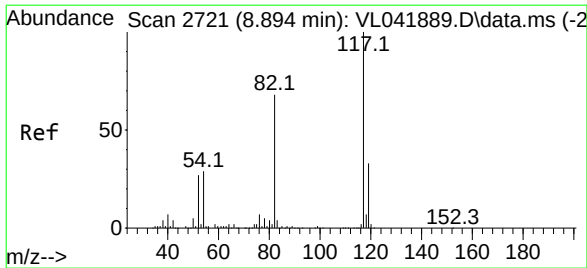


#53
 Toluene
 Concen: 0.341 ppbv m
 RT: 6.943 min Scan# 2118
 Delta R.T. -0.010 min
 Lab File: VL041905.D
 Acq: 14 Jan 2025 22:51



Tgt Ion:	91	Resp:	12994
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# 27

Delta R.T. -0.007 min

Lab File: VL041905.D

Acq: 14 Jan 2025 22:51

Instrument :

MSVOA_L

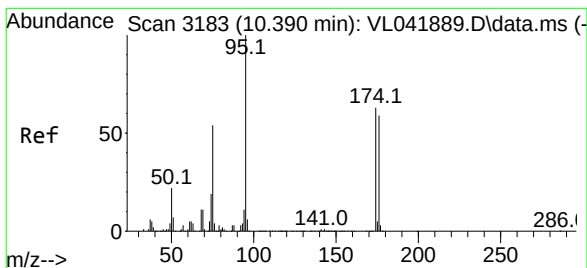
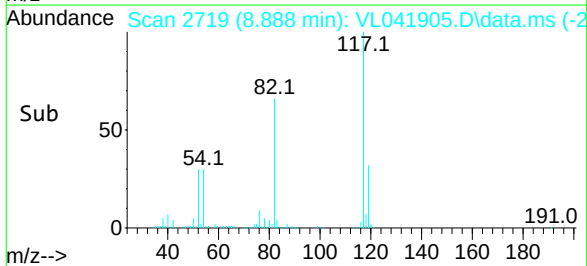
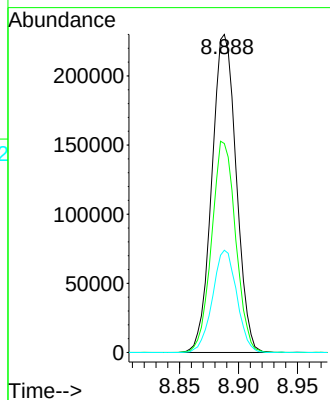
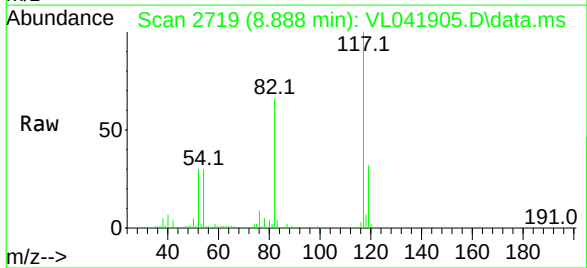
ClientSampleId :

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

