

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042305.D
 Acq On : 10 Apr 2025 13:01
 Operator : SY/MD
 Sample : Q1772-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 01:57:59 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	177842	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.953	114	440171	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	367459	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	284923	9.442	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	3211	0.122	ppbv	90
9) Propene	1.486	41	1583	0.129	ppbv	94
13) Ethanol	1.719	45	27883	23.990	ppbv	84
15) Acetone	1.833	43	91216	3.667	ppbv	96
19) Isopropyl Alcohol	1.884	45	3888	0.277	ppbv #	1
20) Methylene Chloride	2.059	84	1806	0.195	ppbv	95
29) Chloroform	2.842	83	15456	0.424	ppbv	89
34) 2-Butanone	2.554	43	9947	0.312	ppbv	93
52) Tetrachloroethene	8.215	164	658m	0.038	ppbv	
53) Toluene	6.924	91	7507m	0.145	ppbv	
59) m/p-Xylene	9.526	91	7304m	0.140	ppbv	
74) 1,2,4-Trimethylbenzene	11.533	105	15291	0.234	ppbv #	67

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

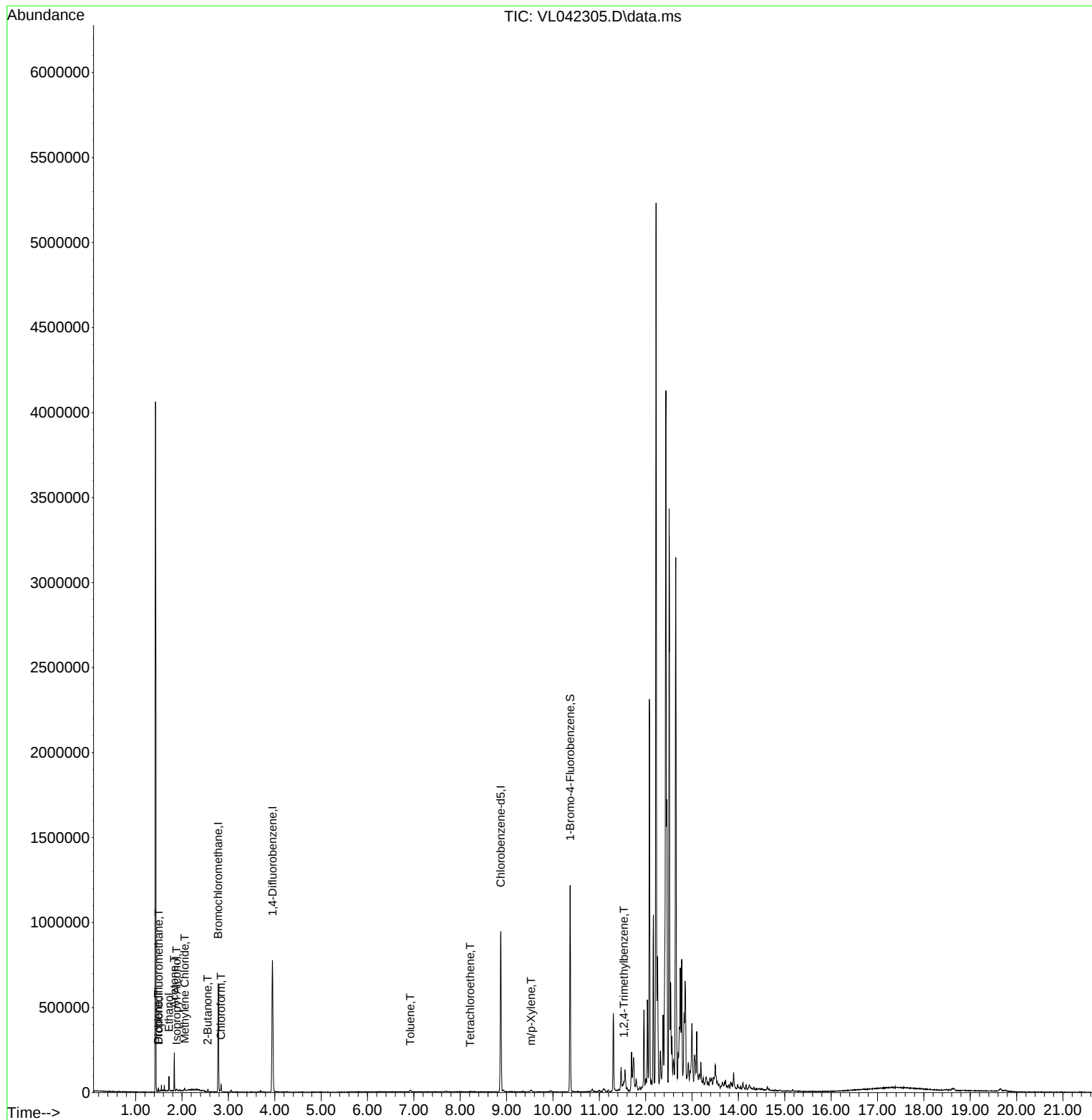
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
Data File : VL042305.D
Acq On : 10 Apr 2025 13:01
Operator : SY/MD
Sample : Q1772-01 4X
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ALS Vial : 1 Sample Multiplier: 1

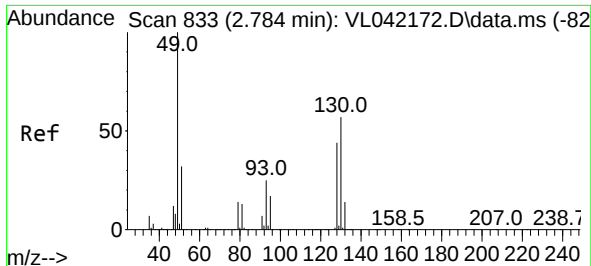
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Apr 11 01:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

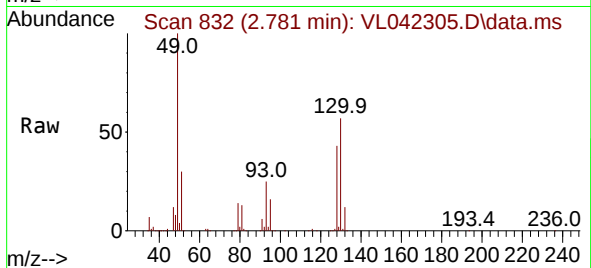
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

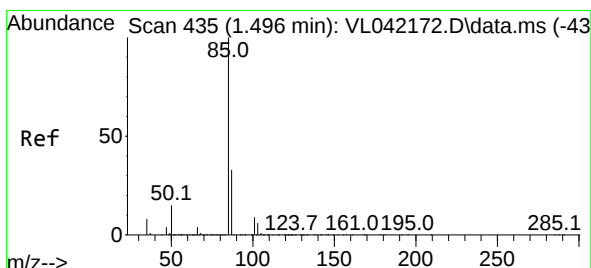
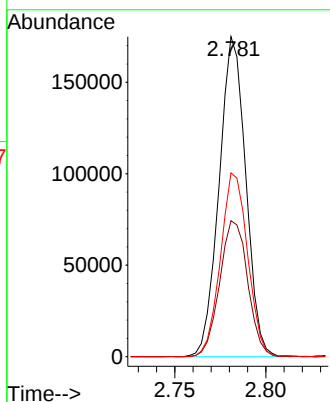
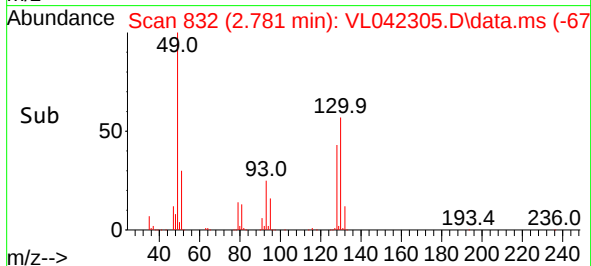
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 49 Resp: 17784
Ion Ratio Lower Upper
49 100
128 44.8 22.9 68.5
130 58.6 28.8 86.4

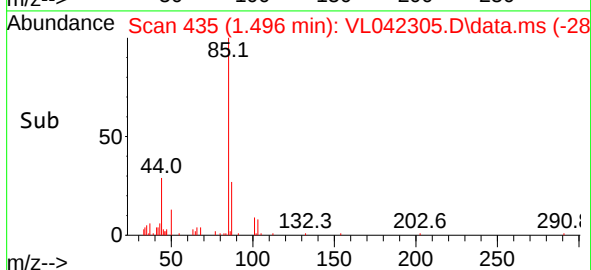
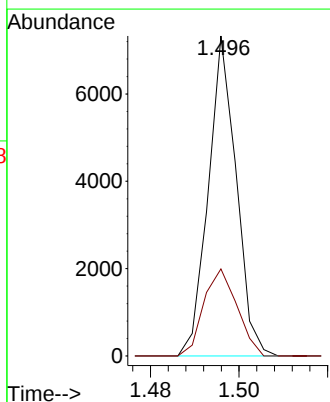
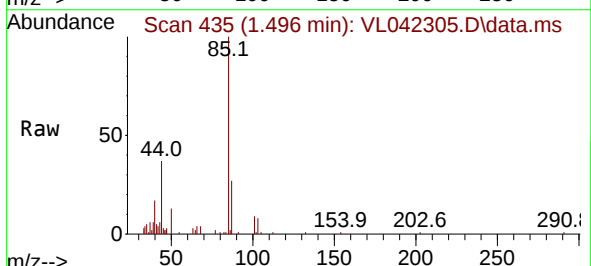
Manual Integrations
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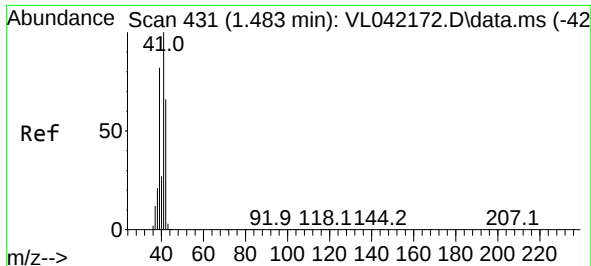
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#2
Dichlorodifluoromethane
Concen: 0.122 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Tgt Ion: 85 Resp: 3211
Ion Ratio Lower Upper
85 100
87 27.2 26.1 39.1





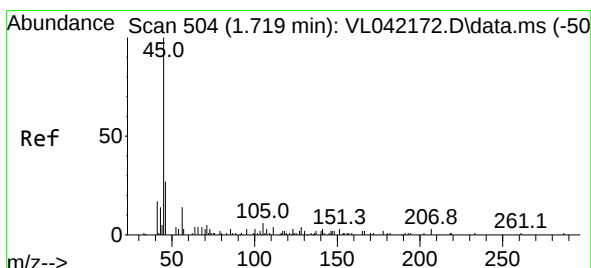
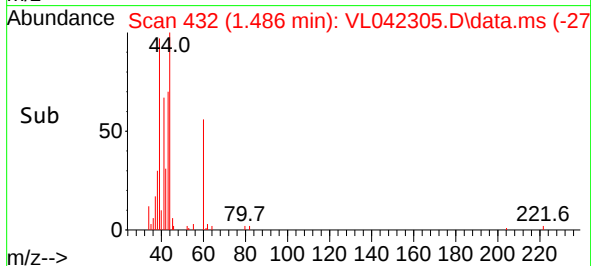
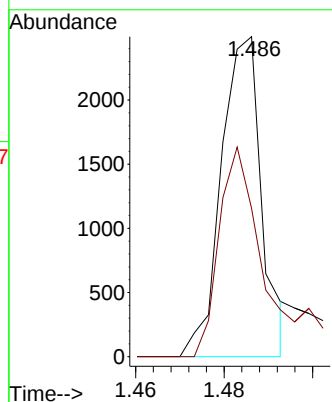
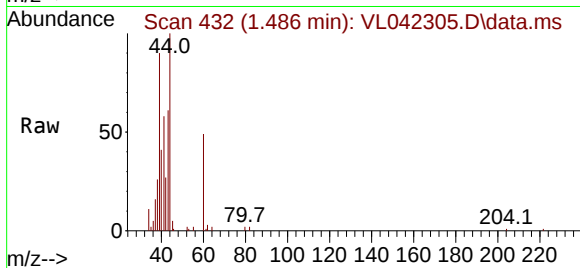
#9
Propene
Concen: 0.129 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 41 Resp: 158
Ion Ratio Lower Upper
41 100
42 74.4 55.4 83.2

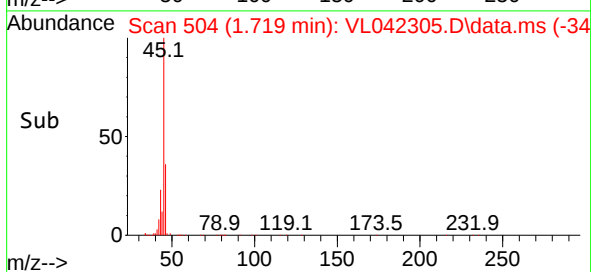
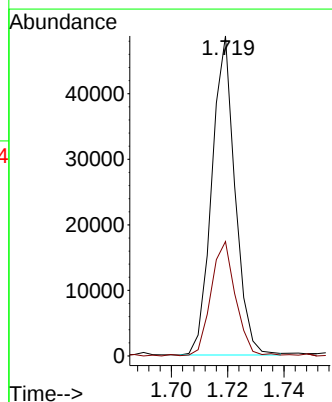
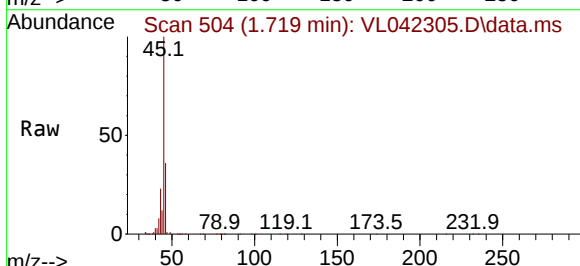
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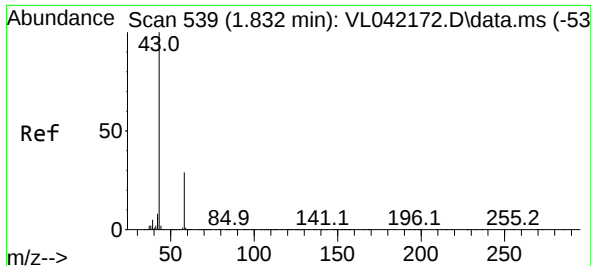
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#13
Ethanol
Concen: 23.990 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Tgt Ion: 45 Resp: 27883
Ion Ratio Lower Upper
45 100
46 39.5 20.2 80.8





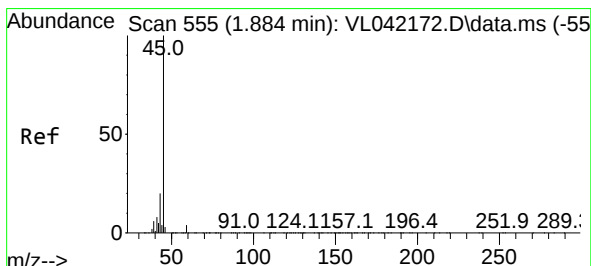
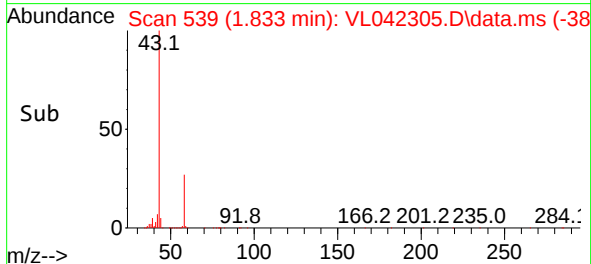
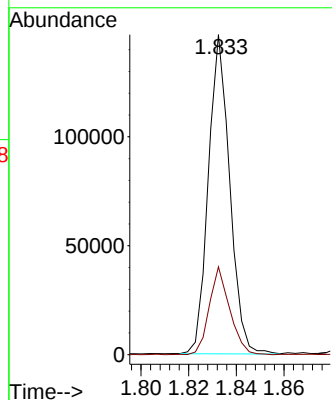
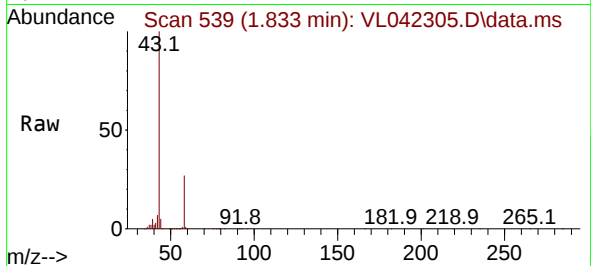
#15
Acetone
Concen: 3.667 ppbv
RT: 1.833 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 91210
Ion Ratio Lower Upper
43 100
58 26.7 23.2 34.8

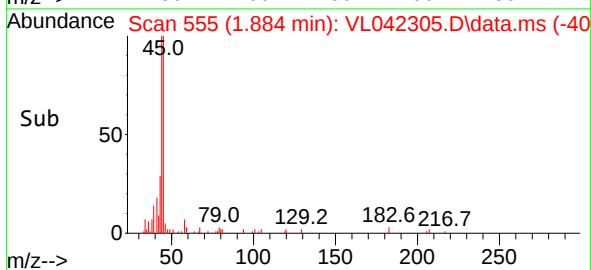
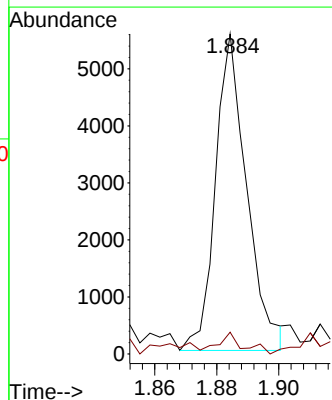
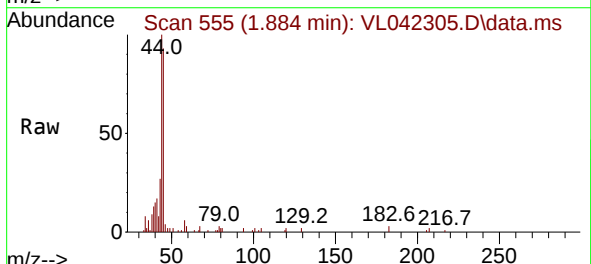
Manual Integrations
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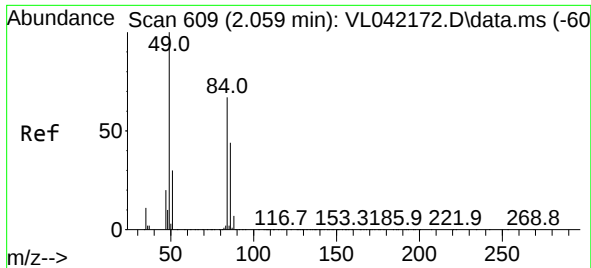
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#19
Isopropyl Alcohol
Concen: 0.277 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Tgt Ion: 45 Resp: 3888
Ion Ratio Lower Upper
45 100
58 631.3 36.9 55.3#





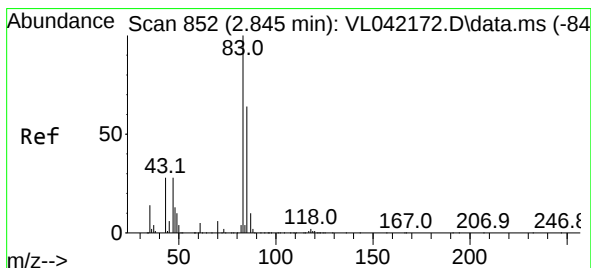
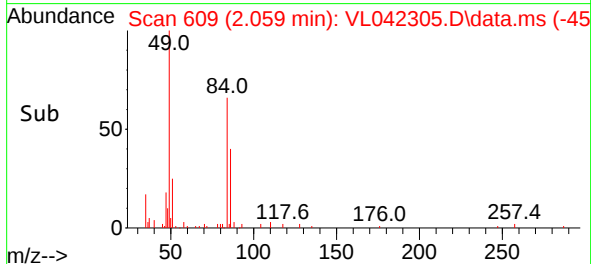
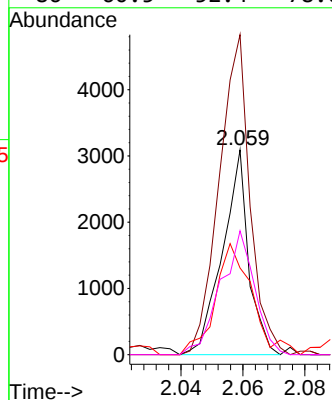
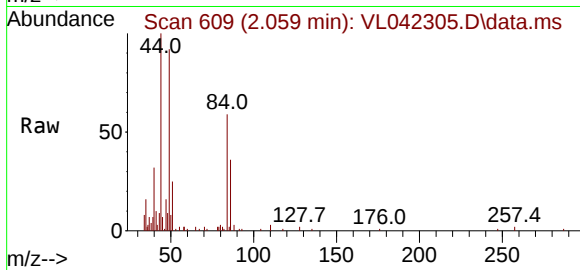
#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 84	Resp: 1800
Ion Ratio	Lower Upper
84 100	
49 156.2	120.2 180.4
51 42.4	37.4 56.0
86 60.5	52.4 78.6

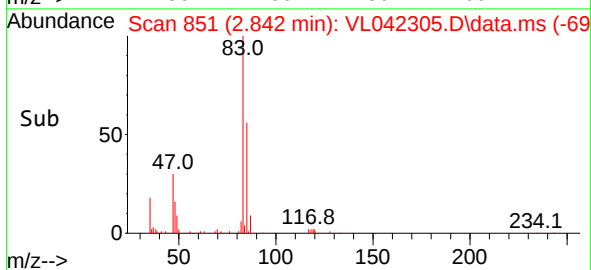
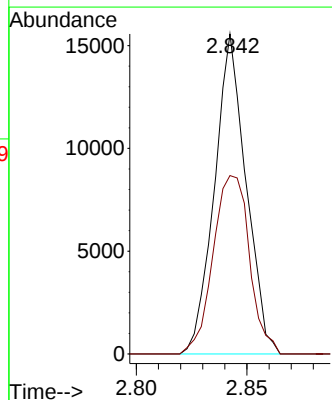
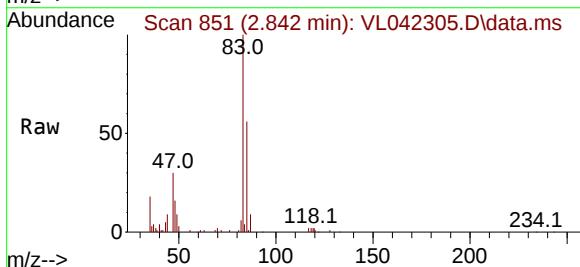
Manual Integrations
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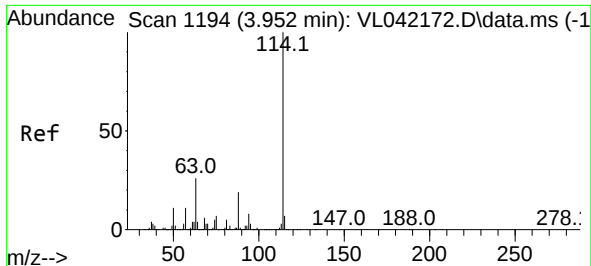
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#29
Chloroform
Concen: 0.424 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

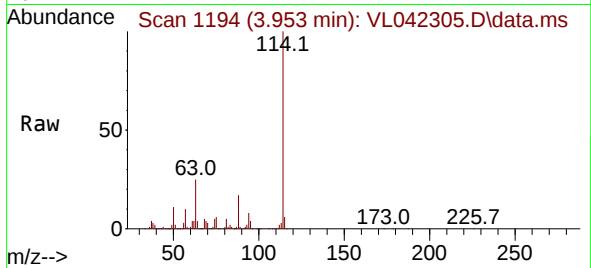
Tgt Ion: 83	Resp: 15456
Ion Ratio	Lower Upper
83 100	
85 55.8	51.4 77.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.953 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

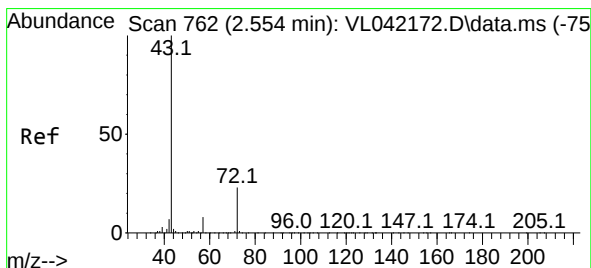
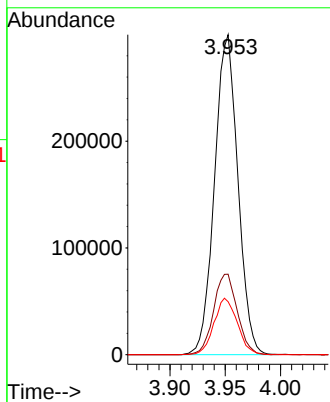
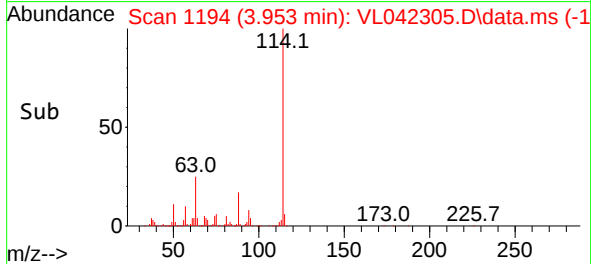
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:114 Resp: 44017
Ion Ratio Lower Upper
114 100
63 25.7 20.7 31.1
88 17.6 15.0 22.4

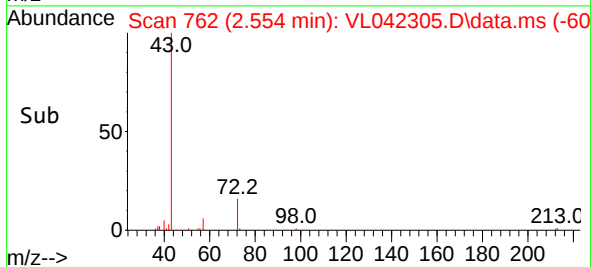
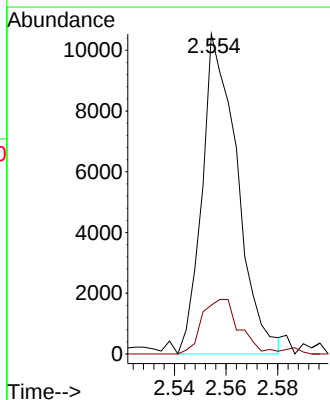
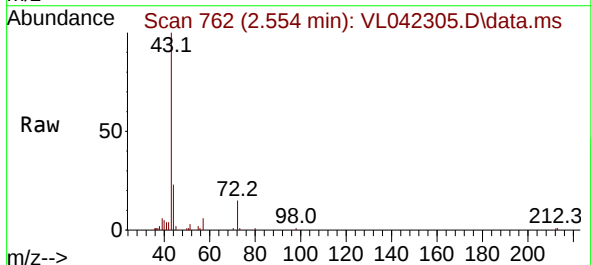
Manual Integrations
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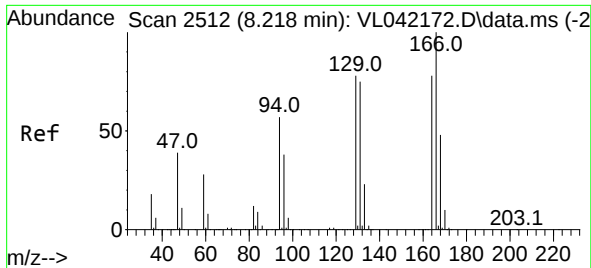
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#34
2-Butanone
Concen: 0.312 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

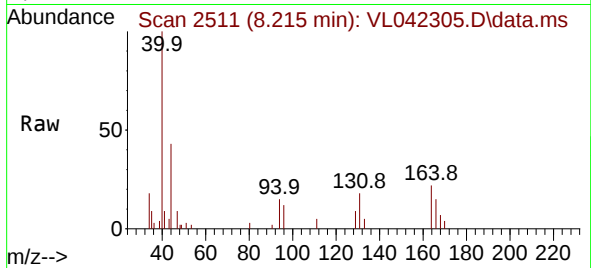
Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
72 19.1 18.2 27.2





#52
Tetrachloroethene
Concen: 0.038 ppbv m
RT: 8.215 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

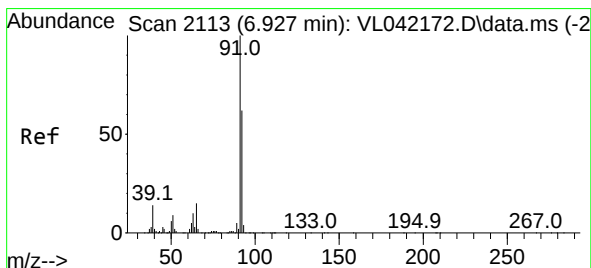
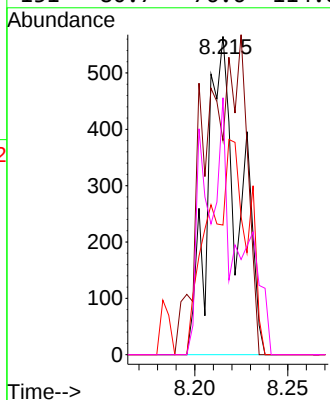
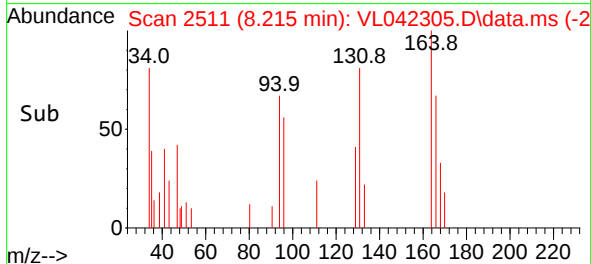
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:164 Resp: 658
Ion Ratio Lower Upper
164 100
166 67.3 102.5 153.7
129 40.7 79.8 119.8
131 80.7 76.6 114.8

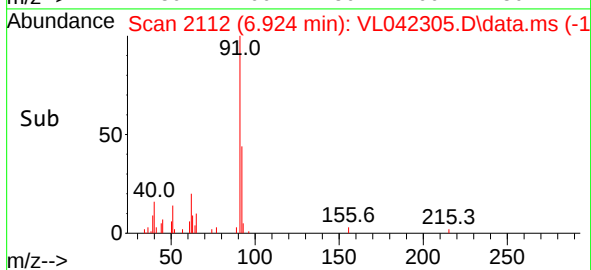
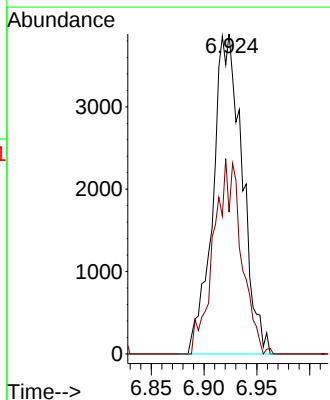
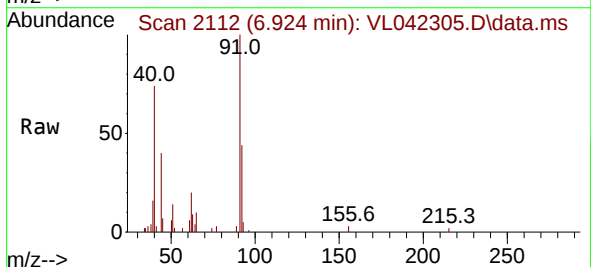
Manual Integrations
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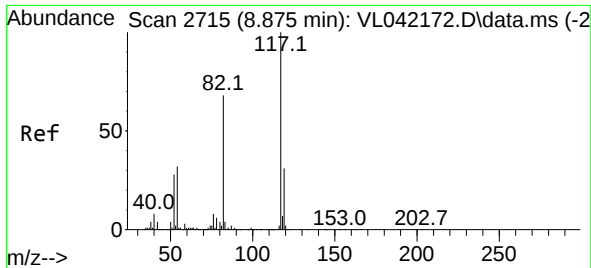
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#53
Toluene
Concen: 0.145 ppbv m
RT: 6.924 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Tgt Ion: 91 Resp: 7507
Ion Ratio Lower Upper
91 100
92 57.7 48.4 72.6





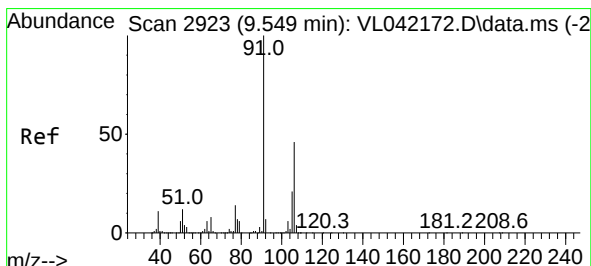
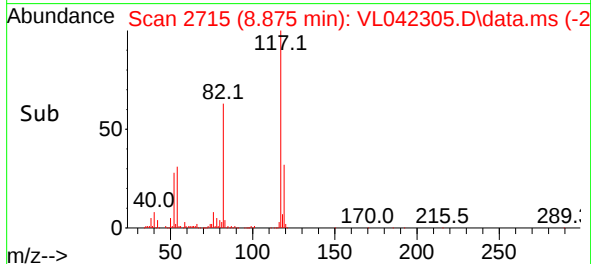
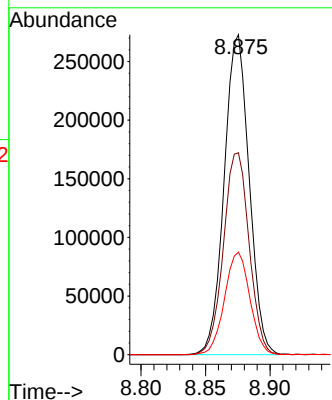
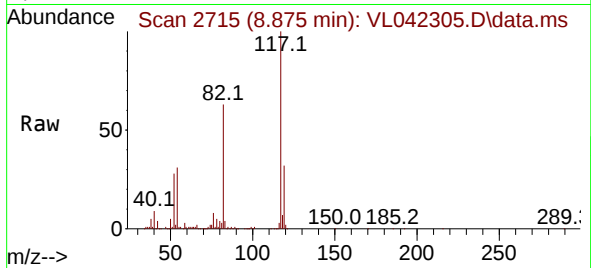
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:117 Resp: 367459
Ion Ratio Lower Upper
117 100
82 64.9 55.8 83.6
119 32.6 25.5 38.3

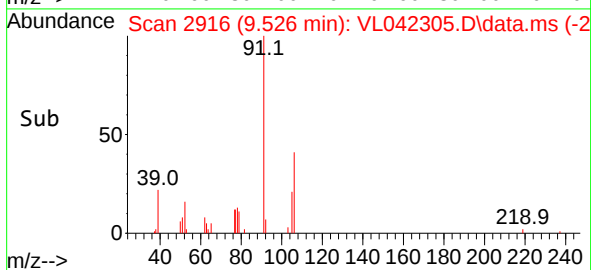
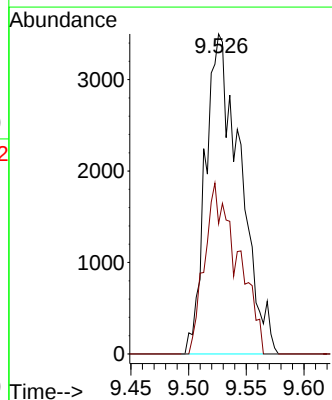
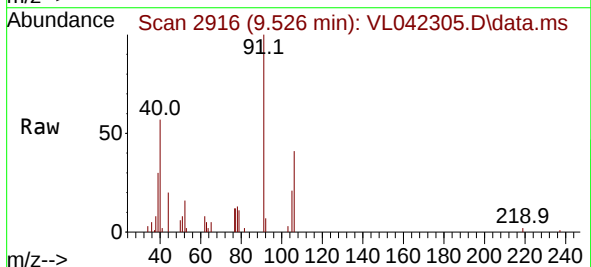
Manual Integrations
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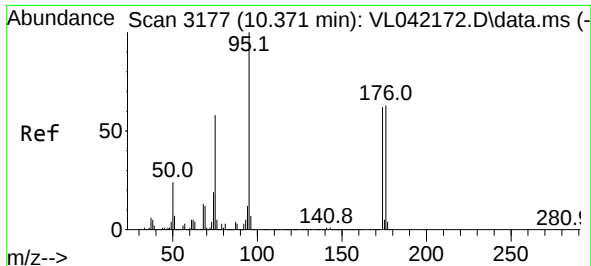
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#59
m/p-Xylene
Concen: 0.140 ppbv m
RT: 9.526 min Scan# 2916
Delta R.T. -0.023 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

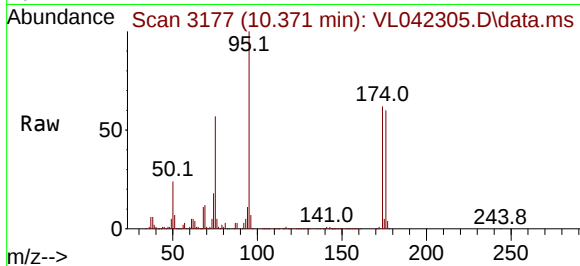
Tgt Ion: 91 Resp: 7304
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.442 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. 0.000 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01

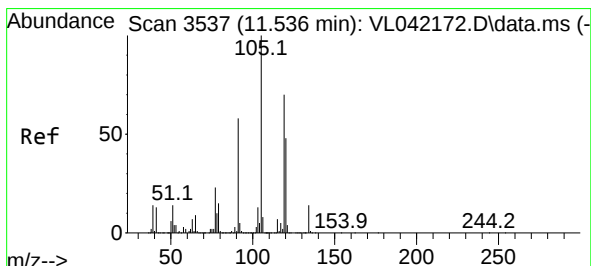
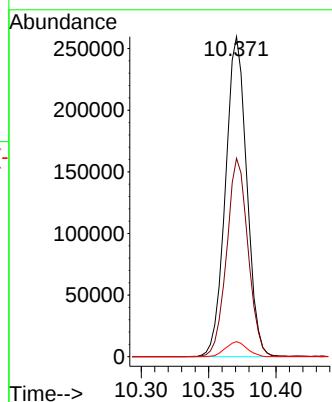
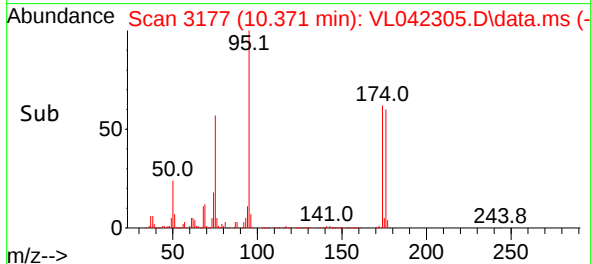
Instrument :
MSVOA_L
ClientSampleId :
SV1



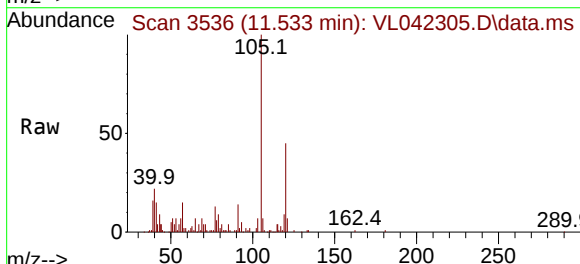
Tgt Ion: 95 Resp: 28492
Ion Ratio Lower Upper
95 100
174 62.5 50.6 76.0
175 4.8 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.234 ppbv
RT: 11.533 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042305.D
Acq: 10 Apr 2025 13:01



Tgt Ion:105 Resp: 15291
Ion Ratio Lower Upper
105 100
120 45.3 38.6 58.0
91 13.2 46.2 69.2#
77 12.0 18.6 27.8#

