

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042138.D
 Acq On : 10 Mar 2025 22:10
 Operator : SY/MD
 Sample : Q1533-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:32:47 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	162532	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	392820	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	333862	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	284295	11.068	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.700%
Target Compounds						
					Qvalue	
9) Propene	1.492	41	2333	0.242	ppbv	92
13) Ethanol	1.728	45	162279	265.641	ppbv	92
15) Acetone	1.842	43	29048	2.024	ppbv	96
19) Isopropyl Alcohol	1.894	45	400028	48.519	ppbv #	34
20) Methylene Chloride	2.072	84	2493	0.459	ppbv #	67
52) Tetrachloroethene	8.247	164	11476	0.815	ppbv	92
59) m/p-Xylene	9.548	91	8067m	0.165	ppbv	
60) o-Xylene	9.975	91	6759m	0.137	ppbv	
64) n-propylbenzene	11.005	120	3520	0.182	ppbv	87
70) n-Butylbenzene	12.293	91	21156	0.272	ppbv #	71
72) 4-Ethyltoluene	11.141	105	13985	0.233	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.218	105	18094	0.347	ppbv	97

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

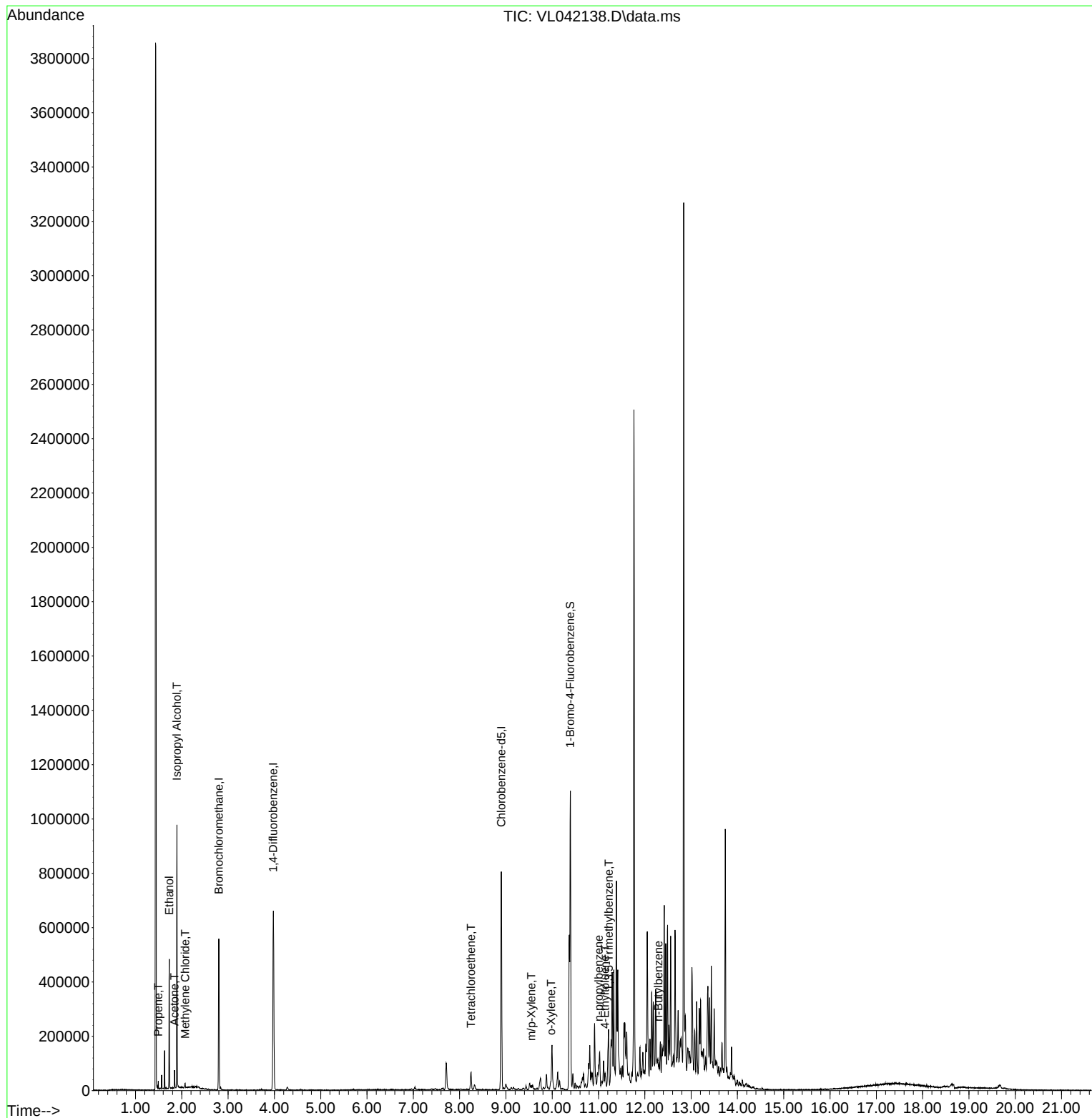
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042138.D
Acq On : 10 Mar 2025 22:10
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

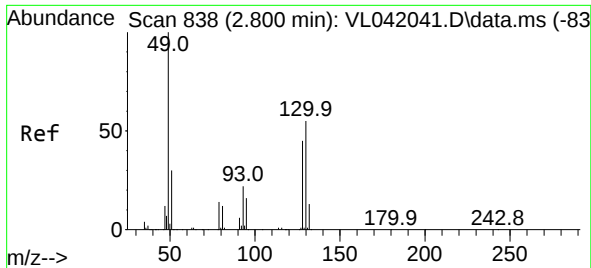
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

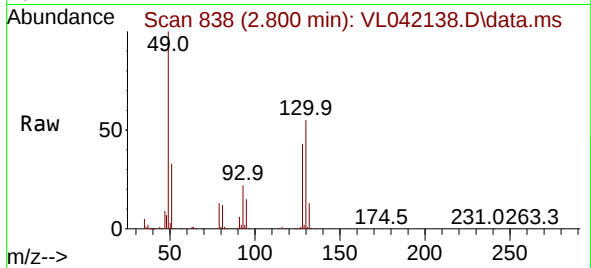
Quant Time: Mar 11 01:32:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

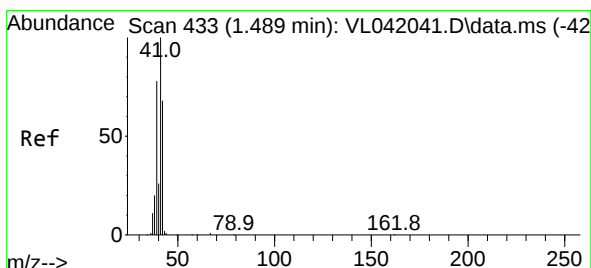
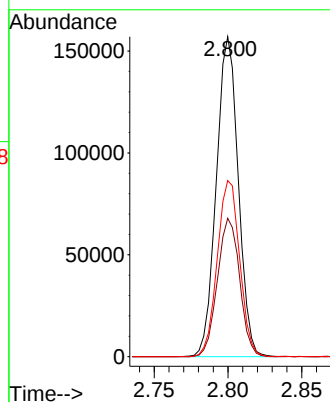
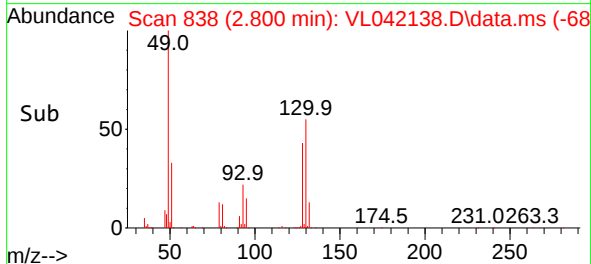
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



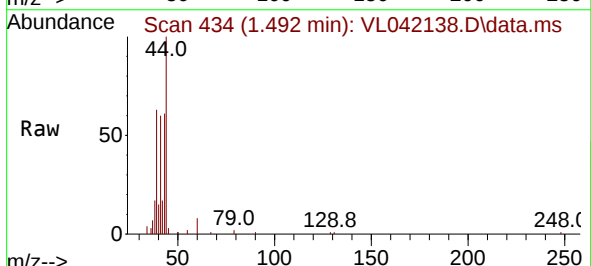
Tgt Ion: 49 Resp: 16253
Ion Ratio Lower Upper
49 100
128 43.8 21.6 64.8
130 56.2 27.8 83.4

Manual Integrations
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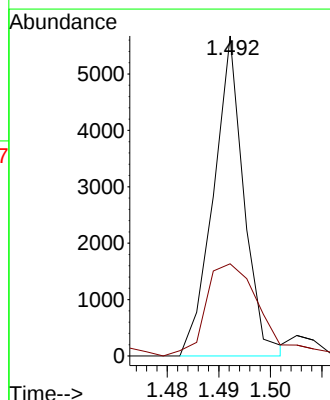
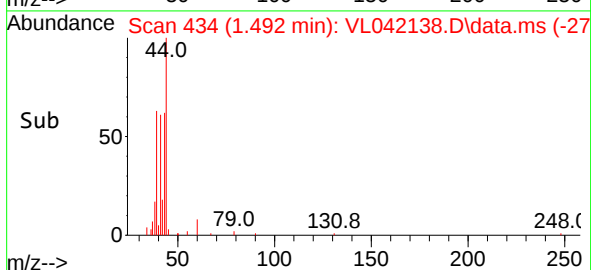
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

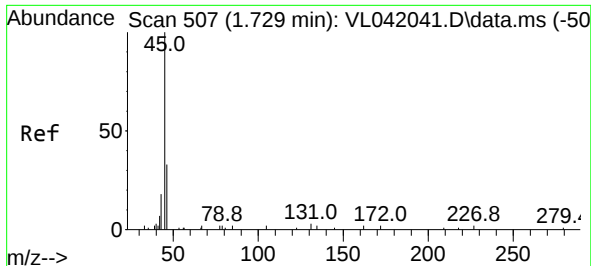


#9
Propene
Concen: 0.242 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.003 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10



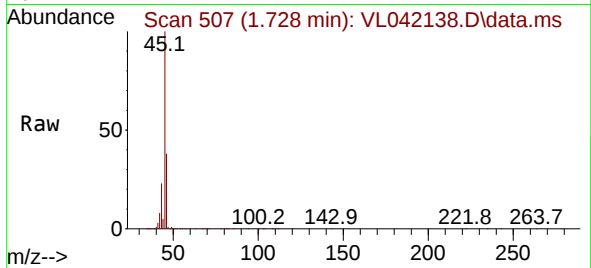
Tgt Ion: 41 Resp: 2333
Ion Ratio Lower Upper
41 100
42 62.9 55.8 83.6





#13
Ethanol
Concen: 265.641 ppbv
RT: 1.728 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

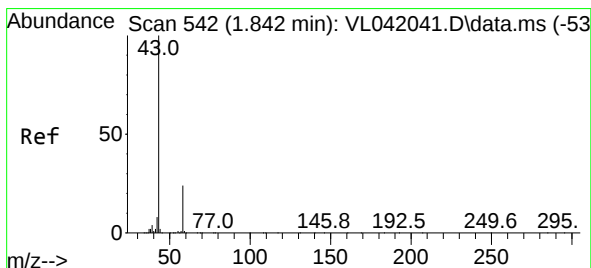
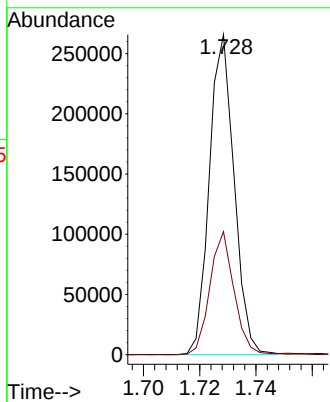
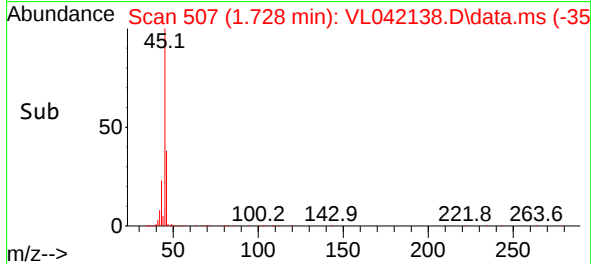
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



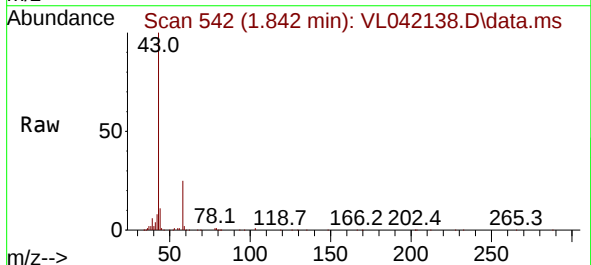
Tgt Ion: 45 Resp: 162279
Ion Ratio Lower Upper
45 100
46 37.8 17.1 68.3

Manual Integrations
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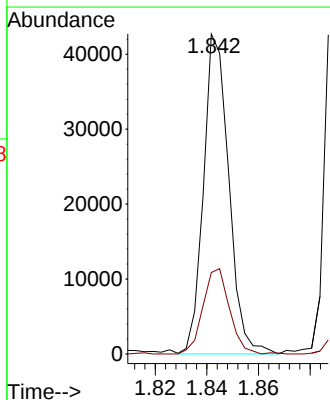
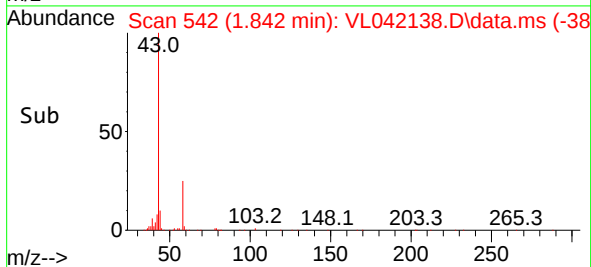
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

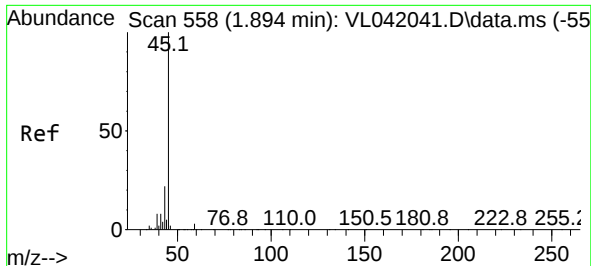


#15
Acetone
Concen: 2.024 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10



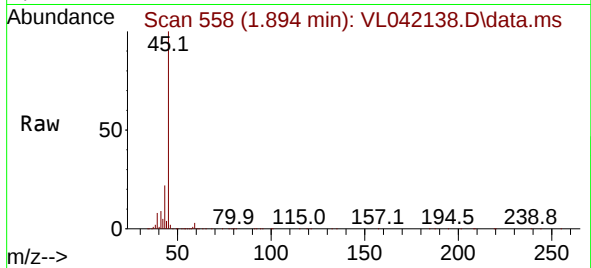
Tgt Ion: 43 Resp: 29048
Ion Ratio Lower Upper
43 100
58 28.0 20.7 31.1





#19
Isopropyl Alcohol
Concen: 48.519 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

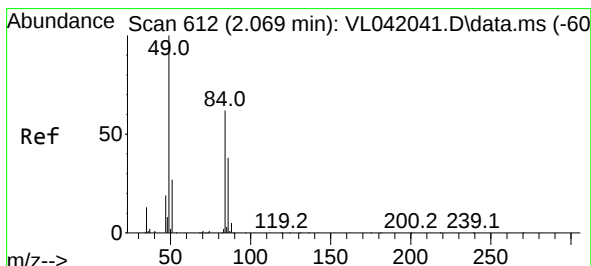
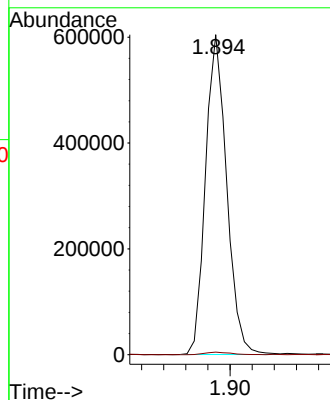
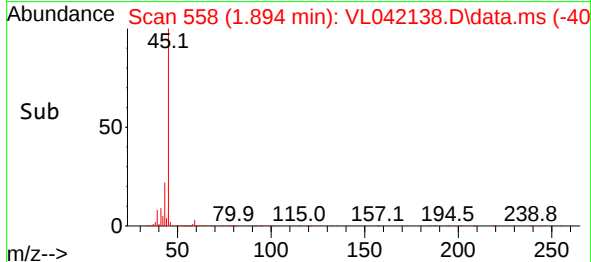
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 45 Resp: 400028
Ion Ratio Lower Upper
45 100
58 1.1 35.3 52.9

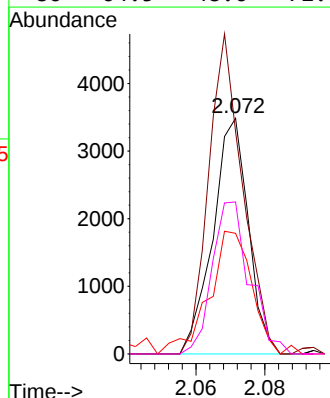
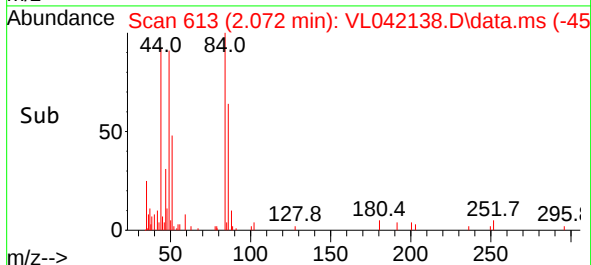
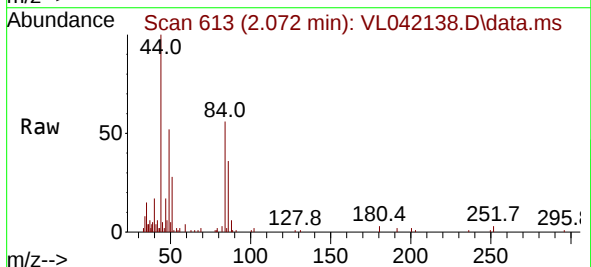
Manual Integrations
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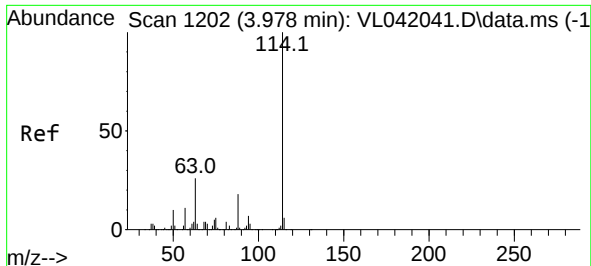
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 0.459 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

Tgt Ion: 84 Resp: 2493
Ion Ratio Lower Upper
84 100
49 94.4 130.0 195.0#
51 51.2 37.4 56.0
86 64.5 48.6 72.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL042138.D

Acq: 10 Mar 2025 22:10

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

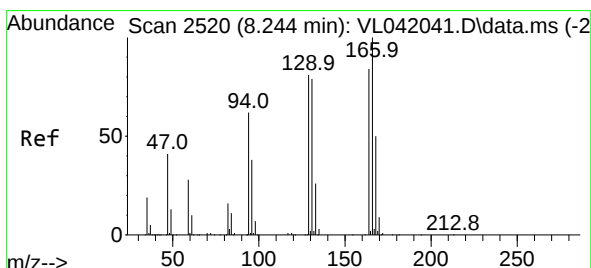
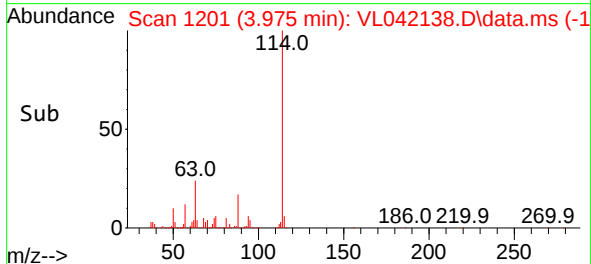
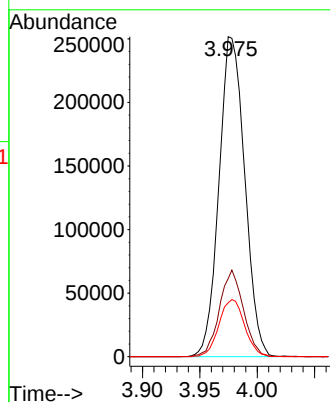
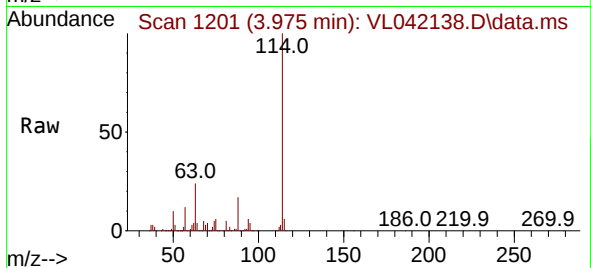
Tgt Ion:114 Resp: 392820

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.1	30.1
88	17.8	14.3	21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#52

Tetrachloroethene

Concen: 0.815 ppbv

RT: 8.247 min Scan# 2521

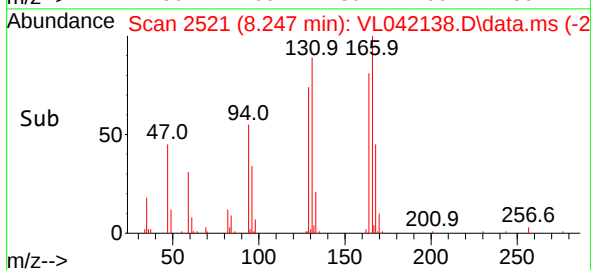
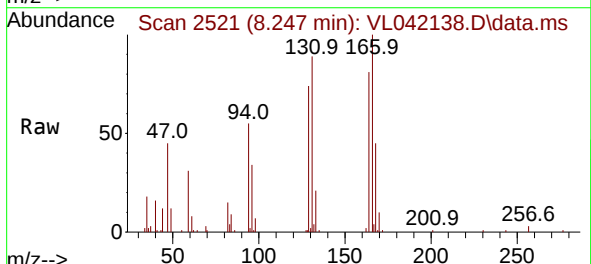
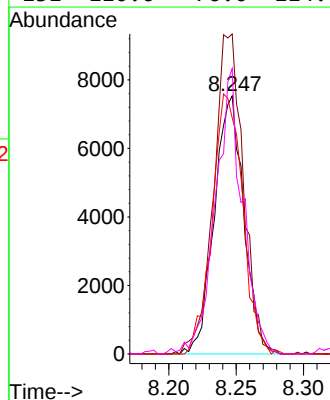
Delta R.T. 0.003 min

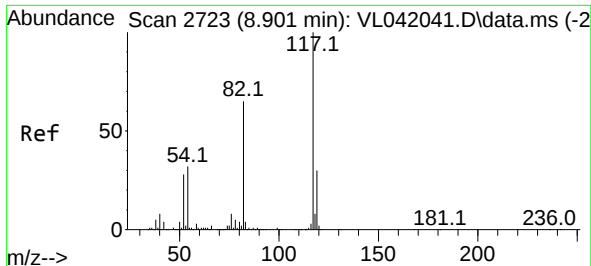
Lab File: VL042138.D

Acq: 10 Mar 2025 22:10

Tgt Ion:164 Resp: 11476

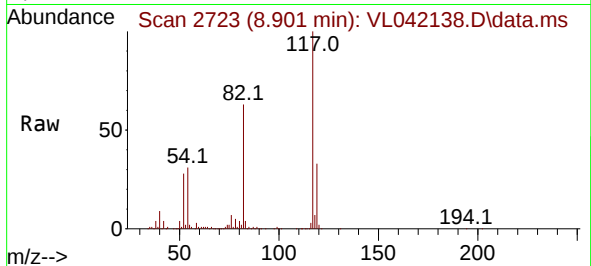
Ion	Ratio	Lower	Upper
164	100		
166	124.0	95.7	143.5
129	91.4	77.1	115.7
131	110.6	76.0	114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

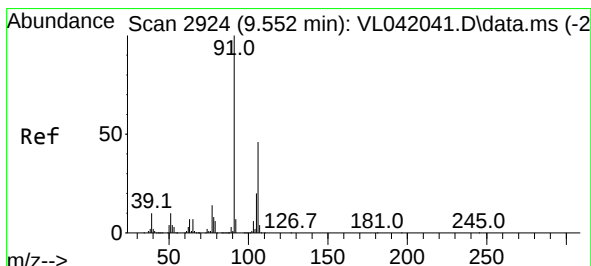
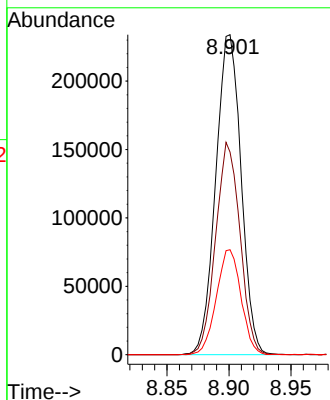
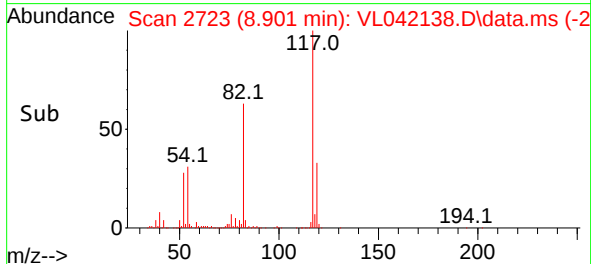
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:117 Resp: 333862
Ion Ratio Lower Upper
117 100
82 63.8 55.0 82.6
119 31.9 25.9 38.9

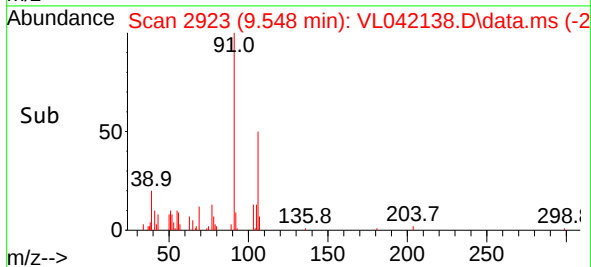
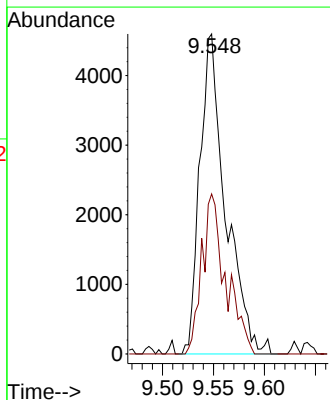
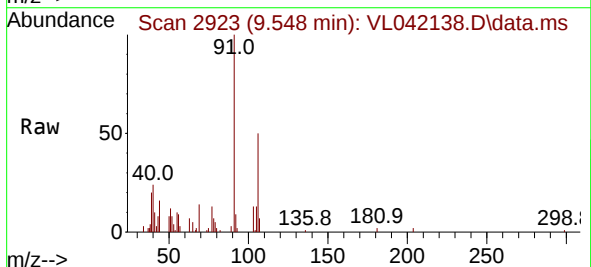
Manual Integrations
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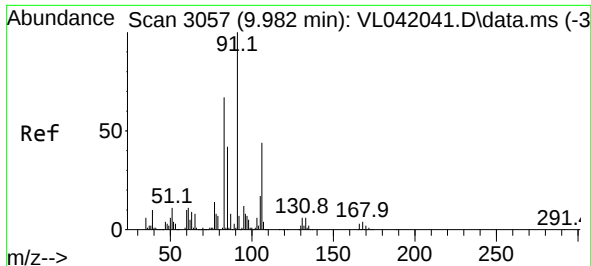
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#59
m/p-Xylene
Concen: 0.165 ppbv m
RT: 9.548 min Scan# 2923
Delta R.T. -0.003 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

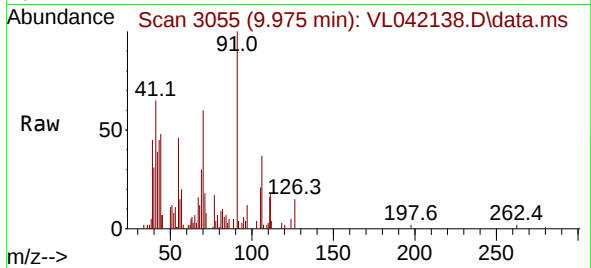
Tgt Ion: 91 Resp: 8067
Ion Ratio Lower Upper
91 100
106 46.3 0.0 0.0#





#60
o-Xylene
Concen: 0.137 ppbv m
RT: 9.975 min Scan# 3055
Delta R.T. -0.007 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

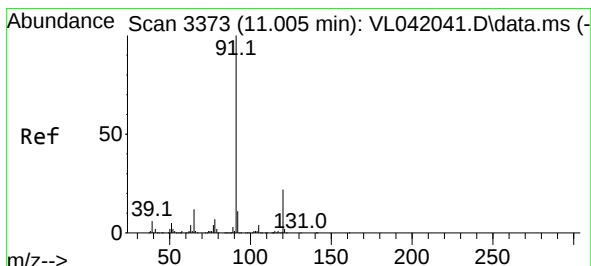
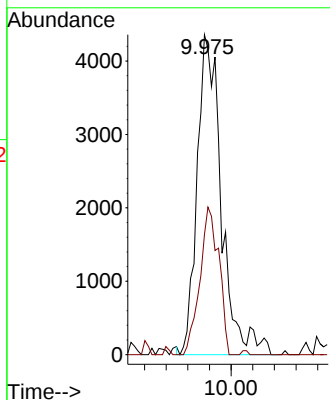
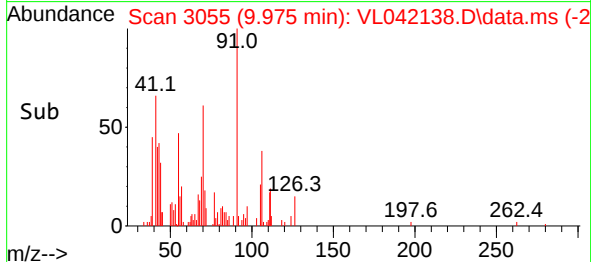
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 91 Resp: 6759
Ion Ratio Lower Upper
91 100
106 36.1 22.3 66.8

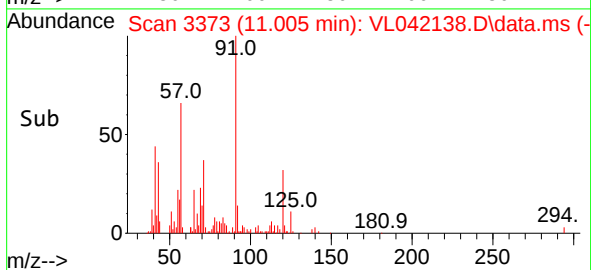
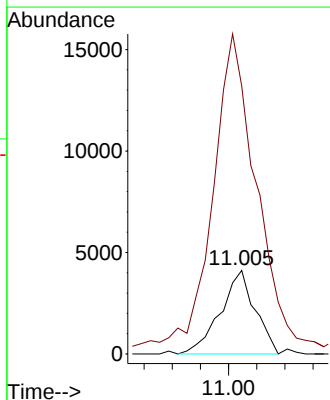
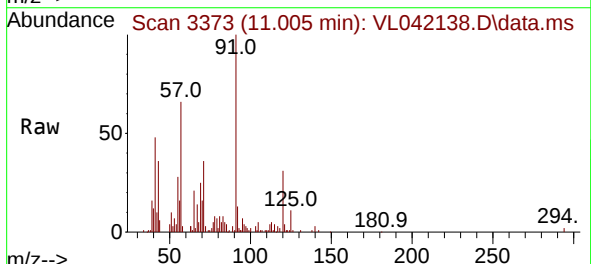
Manual Integrations
APPROVED

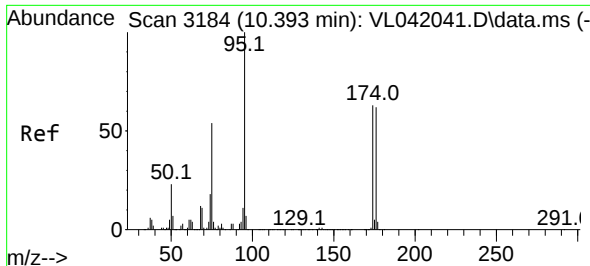
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#64
n-propylbenzene
Concen: 0.182 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

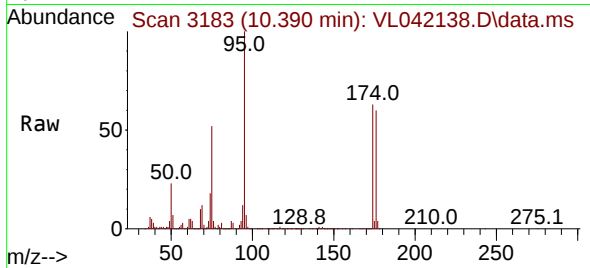
Tgt Ion:120 Resp: 3520
Ion Ratio Lower Upper
120 100
91 496.3 370.6 556.0





#68
1-Bromo-4-Fluorobenzene
Concen: 11.068 ppbv
RT: 10.390 min Scan# 3184
Delta R.T. -0.003 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

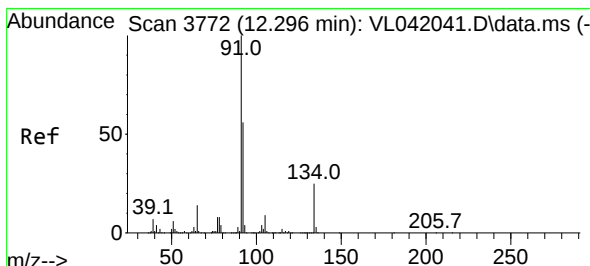
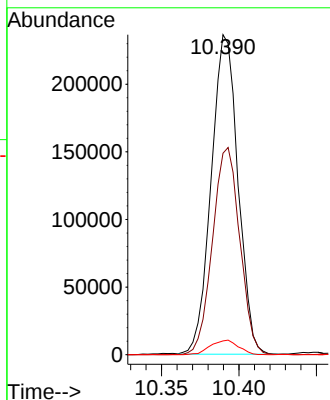
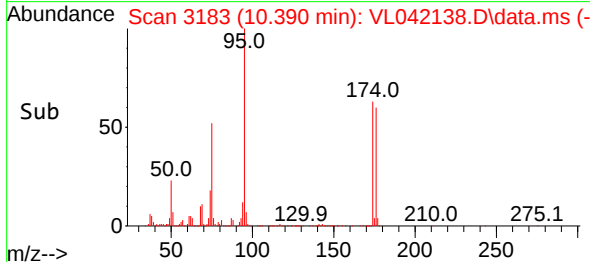
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 95 Resp: 28429
Ion Ratio Lower Upper
95 100
174 66.0 51.8 77.6
175 4.8 3.9 5.9

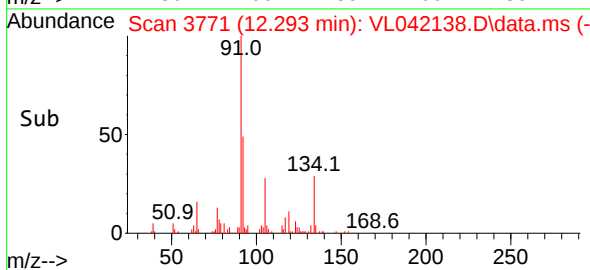
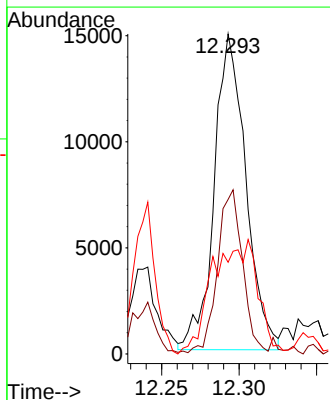
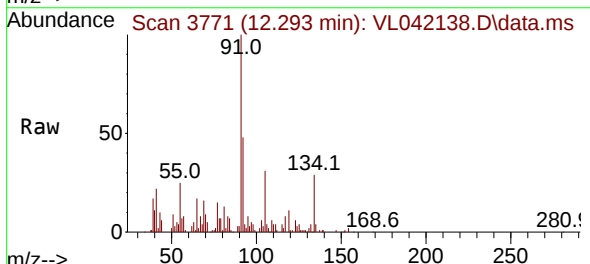
Manual Integrations
APPROVED

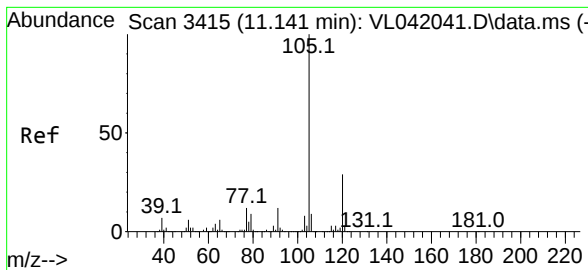
Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#70
n-Butylbenzene
Concen: 0.272 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

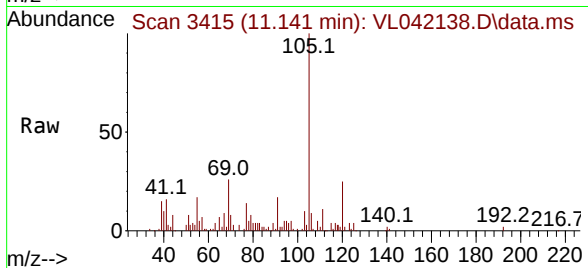
Tgt Ion: 91 Resp: 21156
Ion Ratio Lower Upper
91 100
92 43.2 44.7 67.1#
134 51.5 18.9 28.3#





#72
4-Ethyltoluene
Concen: 0.233 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

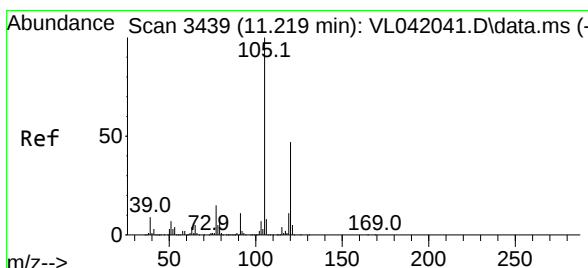
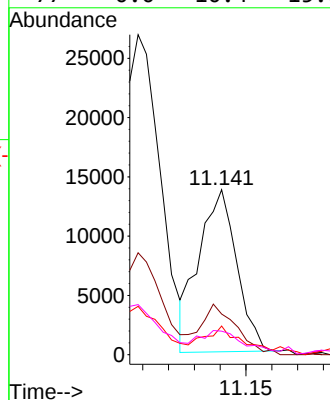
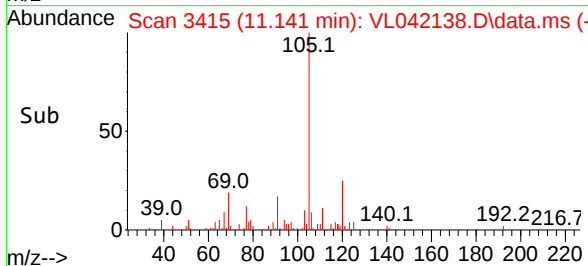
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:105 Resp: 13985
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1
91 0.0 10.2 15.4
77 0.0 10.4 15.6#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#73
1,3,5-Trimethylbenzene
Concen: 0.347 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. -0.000 min
Lab File: VL042138.D
Acq: 10 Mar 2025 22:10

Tgt Ion:105 Resp: 18094
Ion Ratio Lower Upper
105 100
120 44.5 37.4 56.0

