

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041520.D
 Acq On : 8 Aug 2024 19:57
 Operator : SY/MD
 Sample : P3496-06DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:59:01 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 9

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1159553	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2968527	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2679635	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2062584	10.002	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
4) Chloromethane	2.812	50	8728	0.119	ppbv	# 88
9) Propene	2.693	41	625292	9.861	ppbv	98
10) Heptane	7.574	43	93156m	0.654	ppbv	
13) Ethanol	3.237	45	547878m	96.668	ppbv	
15) Acetone	3.459	43	9265319	70.325	ppbv	# 85
17) tert-Butyl alcohol	3.880	59	152218	1.267	ppbv	95
19) Isopropyl Alcohol	3.574	45	191339	2.484	ppbv	# 93
20) Methylene Chloride	3.931	84	128942	2.625	ppbv	96
26) Hexane	5.205	57	109748	1.011	ppbv	# 6
34) 2-Butanone	4.777	43	12613546	87.839	ppbv	# 88
51) 2-Hexanone	9.561	43	101389m	0.592	ppbv	
59) m/p-Xylene	12.333	91	38181m	0.143	ppbv	

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

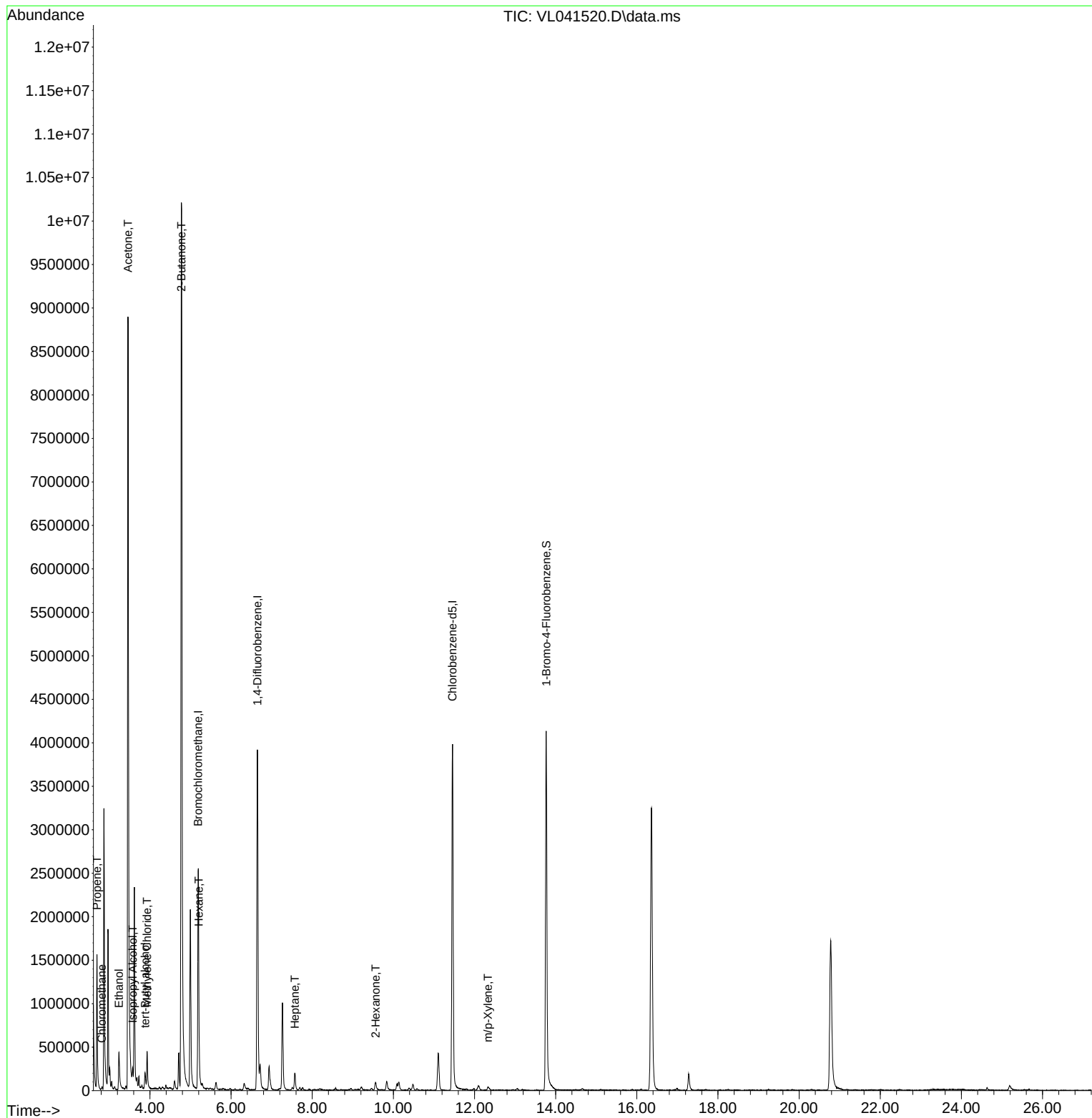
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
Data File : VL041520.D
Acq On : 8 Aug 2024 19:57
Operator : SY/MD
Sample : P3496-06DL 20X
Misc : 400mL/MSVOA_L
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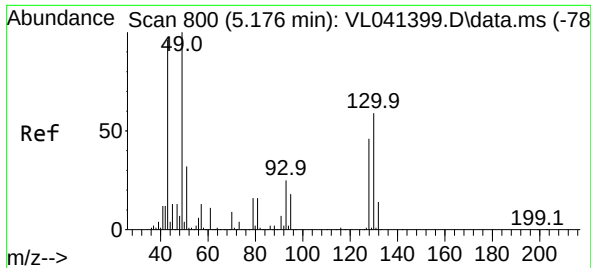
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Quant Time: Aug 09 05:59:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration

Manual Integrations
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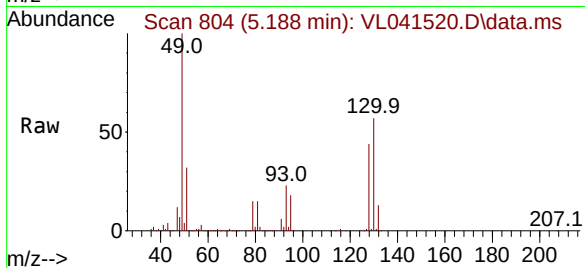
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

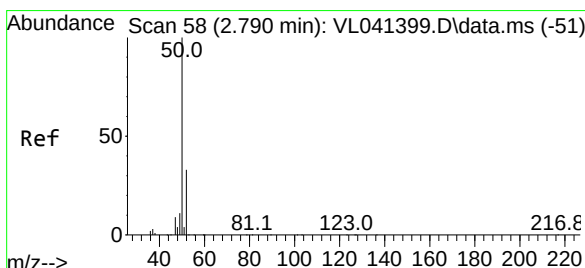
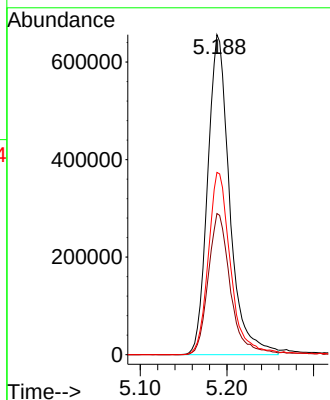
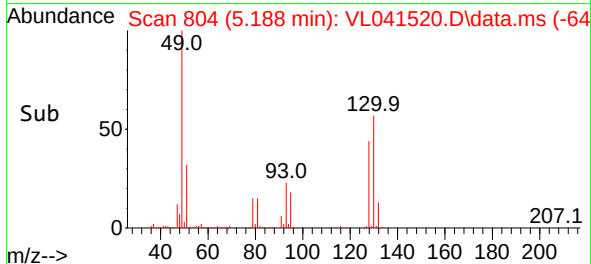
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL



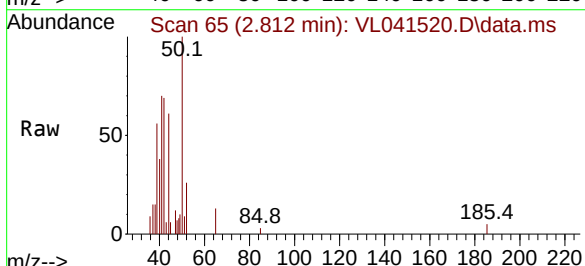
Tgt Ion: 49 Resp: 115955
Ion Ratio Lower Upper
49 100
128 45.3 23.8 71.4
130 58.6 30.8 92.4

Manual Integrations
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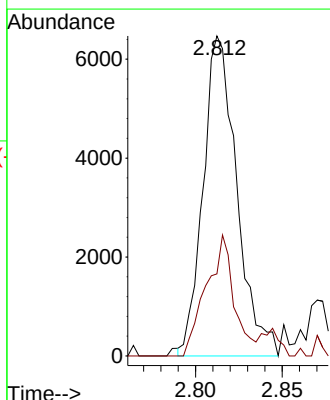
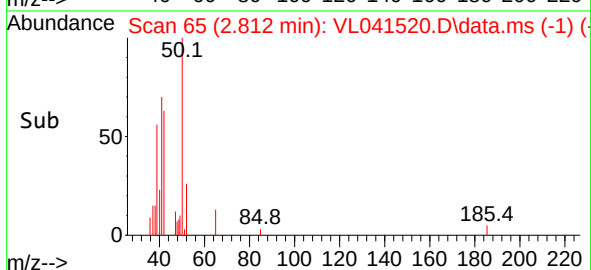
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

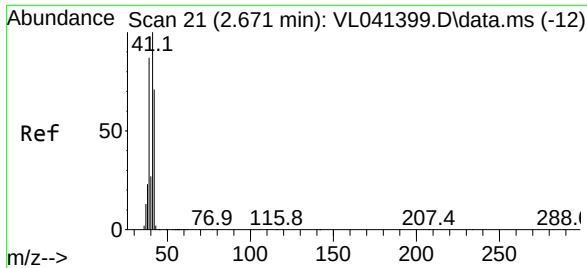


#4
Chloromethane
Concen: 0.119 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57



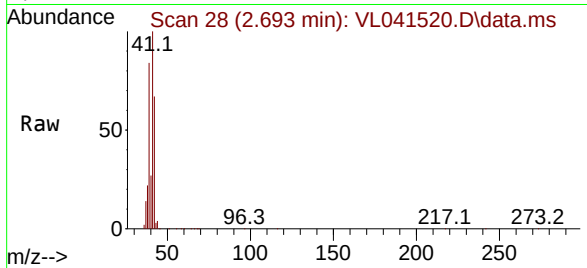
Tgt Ion: 50 Resp: 8728
Ion Ratio Lower Upper
50 100
52 25.7 26.1 39.1#





#9
 Propene
 Concen: 9.861 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL041520.D
 Acq: 8 Aug 2024 19:57

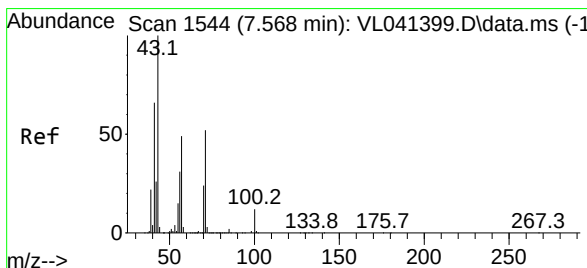
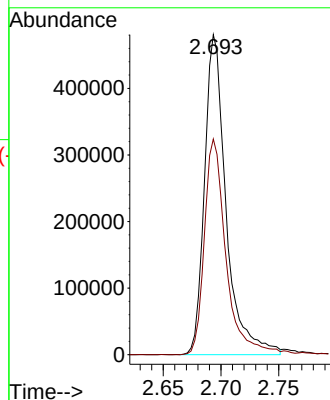
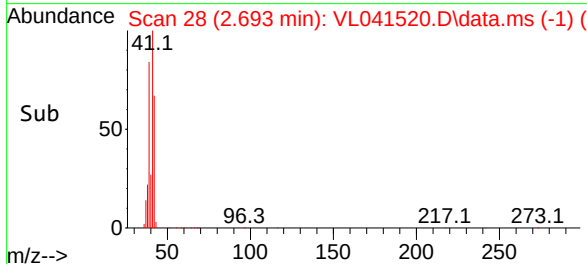
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL



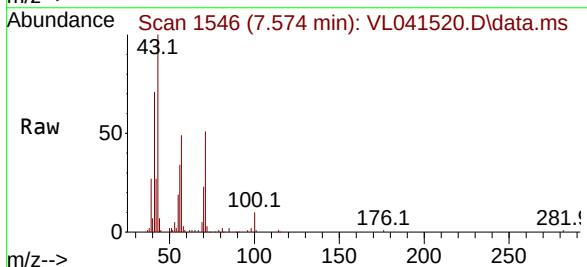
Tgt Ion: 41 Resp: 625292
 Ion Ratio Lower Upper
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 42 68.4 55.9 83.9

Manual Integrations
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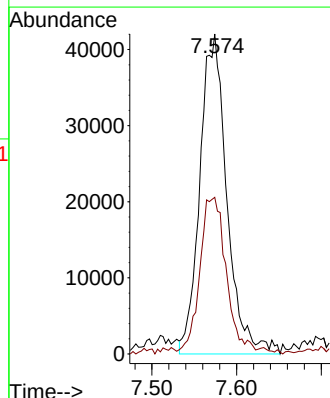
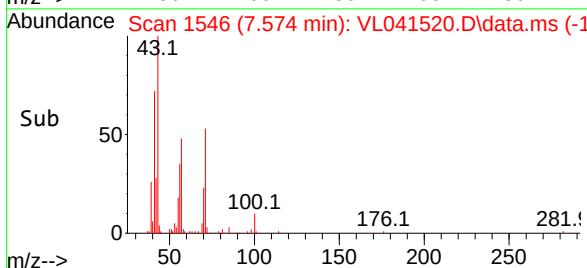
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

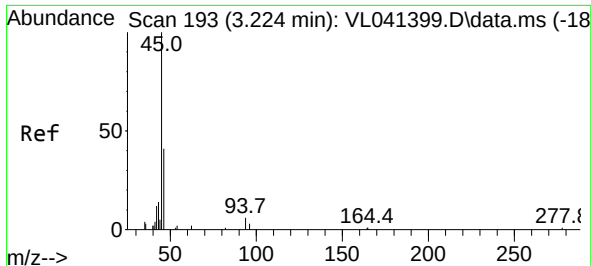


#10
 Heptane
 Concen: 0.654 ppbv m
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.000 min
 Lab File: VL041520.D
 Acq: 8 Aug 2024 19:57



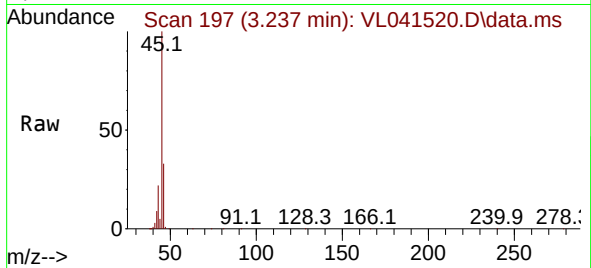
Tgt Ion: 43 Resp: 93156
 Ion Ratio Lower Upper
 43 100
 57 48.6 40.5 60.7





#13
Ethanol
Concen: 96.668 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. -0.007 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

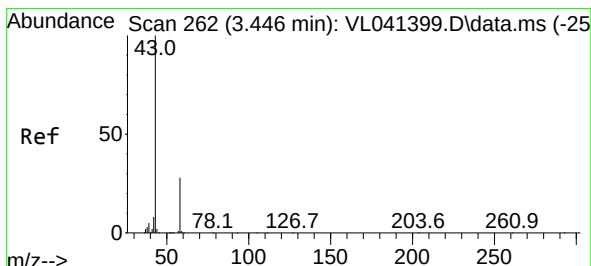
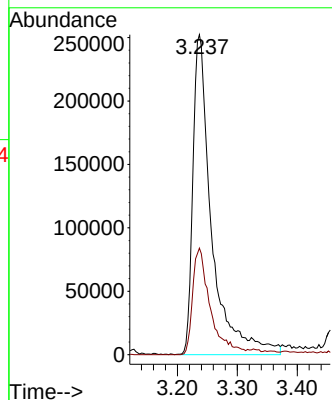
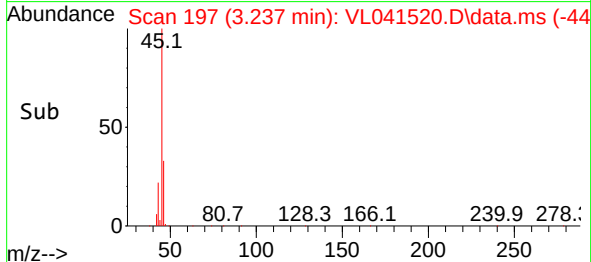
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL



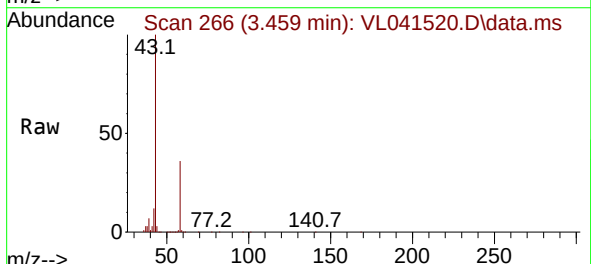
Tgt Ion: 45 Resp: 547878
Ion Ratio Lower Upper
45 100
46 33.4 13.4 53.4

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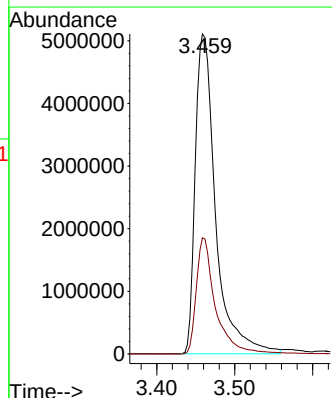
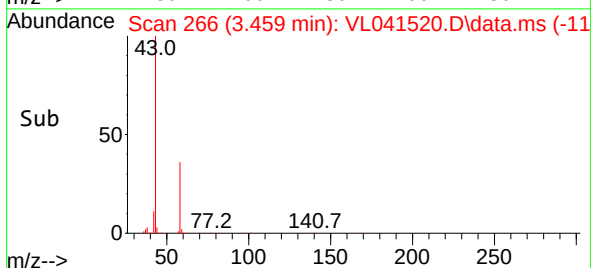
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

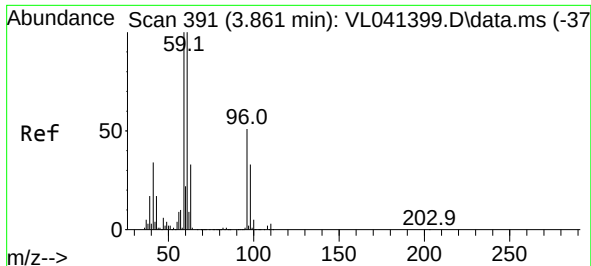


#15
Acetone
Concen: 70.325 ppbv
RT: 3.459 min Scan# 266
Delta R.T. -0.010 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57



Tgt Ion: 43 Resp: 9265319
Ion Ratio Lower Upper
43 100
58 34.6 21.4 32.2#





#17

tert-Butyl alcohol

Concen: 1.267 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041520.D

Acq: 8 Aug 2024 19:57

Tgt Ion: 59 Resp: 152218

Ion Ratio Lower Upper

59 100

57 12.6 8.6 12.8

Instrument :

MSVOA_L

ClientSampleId :

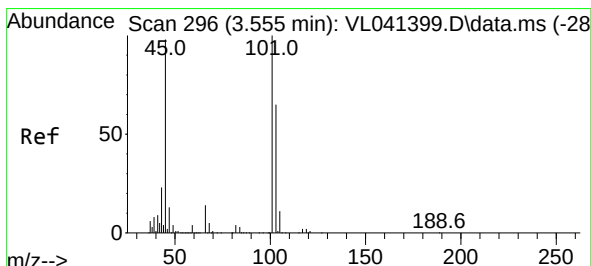
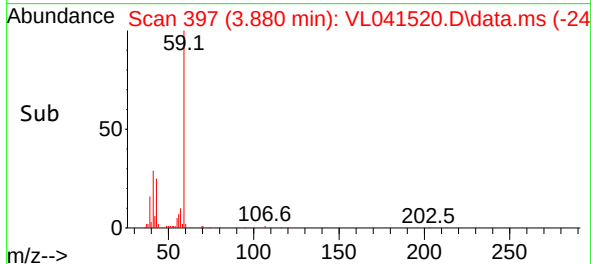
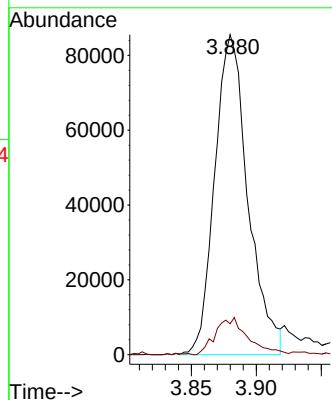
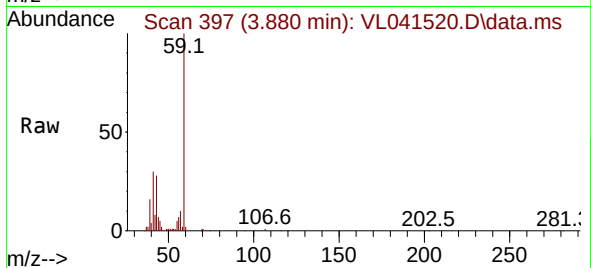
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Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#19

Isopropyl Alcohol

Concen: 2.484 ppbv

RT: 3.574 min Scan# 302

Delta R.T. -0.000 min

Lab File: VL041520.D

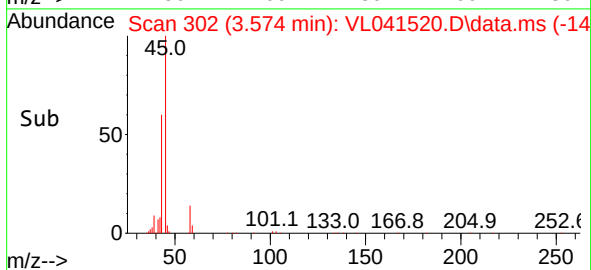
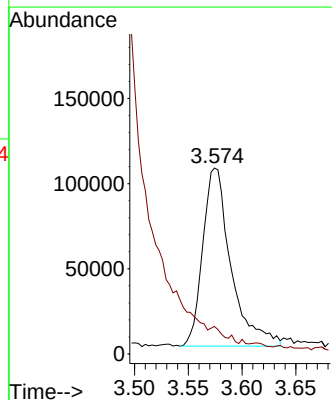
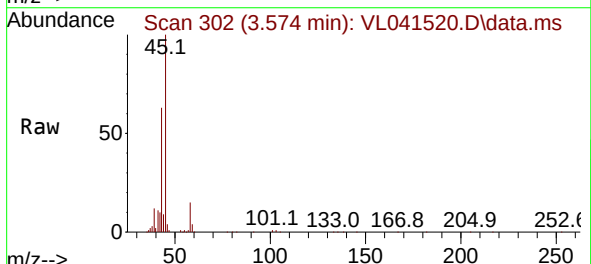
Acq: 8 Aug 2024 19:57

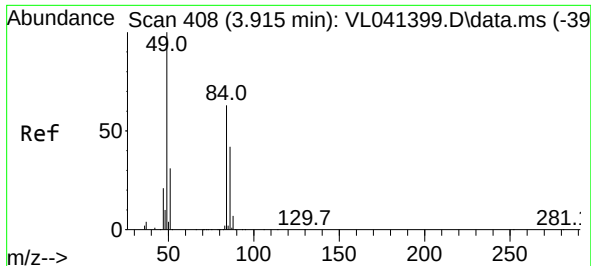
Tgt Ion: 45 Resp: 191339

Ion Ratio Lower Upper

45 100

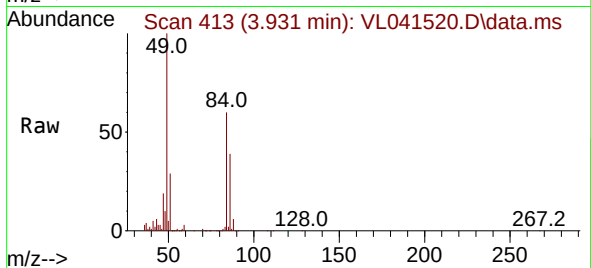
58 0.0 1.9 2.9#





#20
Methylene Chloride
Concen: 2.625 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.000 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

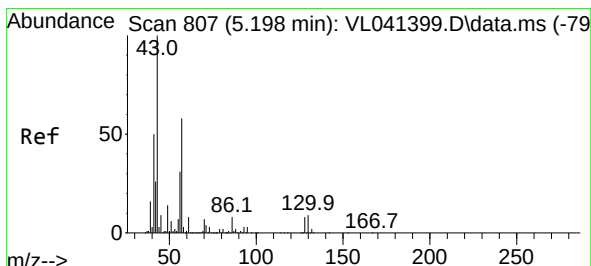
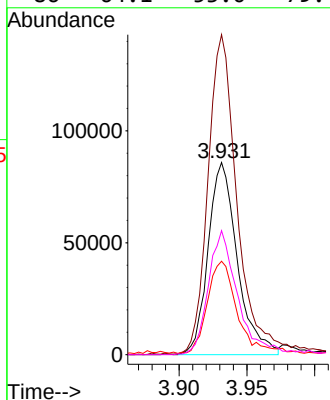
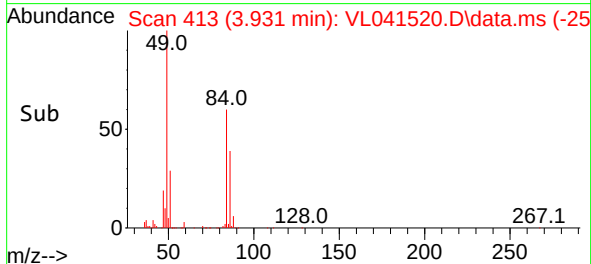
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL



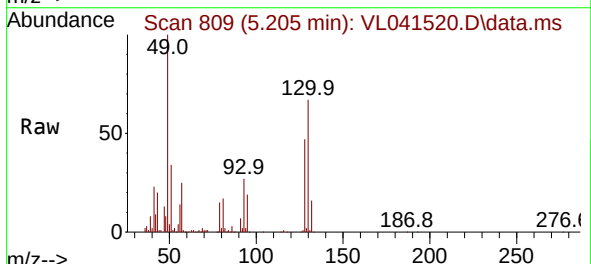
Tgt Ion: 84 Resp: 128942
Ion Ratio Lower Upper
84 100
49 166.0 126.6 190.0
51 47.9 38.6 58.0
86 64.1 53.0 79.4

Manual Integrations
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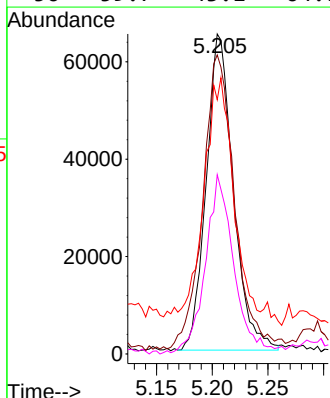
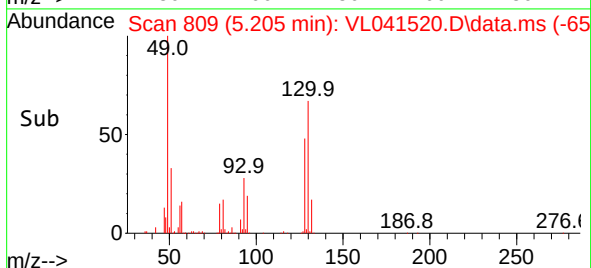
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

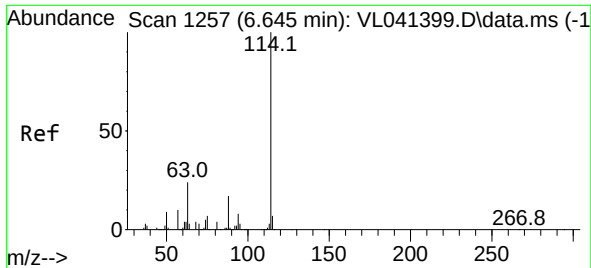


#26
Hexane
Concen: 1.011 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.007 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57



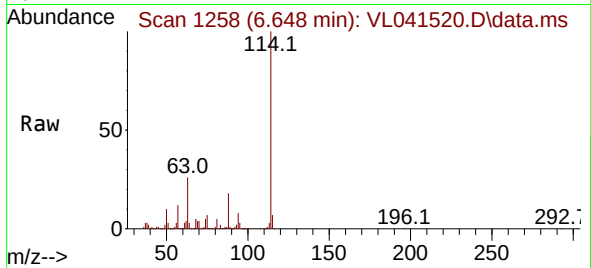
Tgt Ion: 57 Resp: 109748
Ion Ratio Lower Upper
57 100
41 109.6 74.0 111.0
43 0.0 193.6 290.4#
56 59.7 43.1 64.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

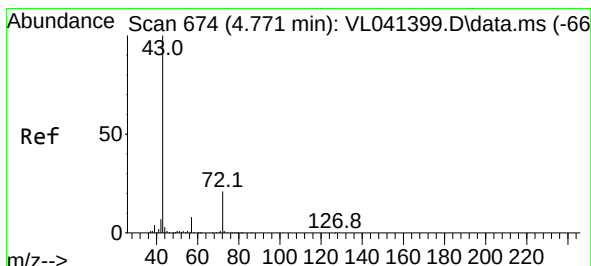
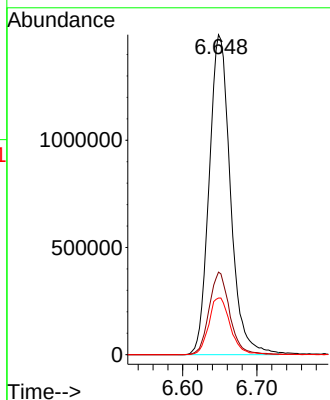
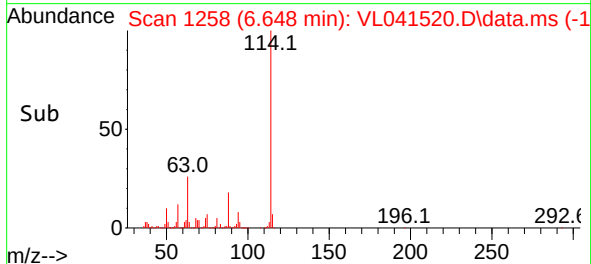
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL



Tgt Ion:114 Resp: 296852
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 18.1 14.3 21.5

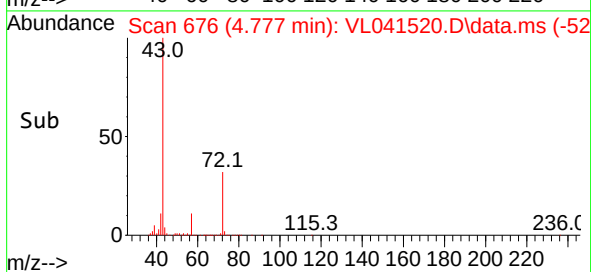
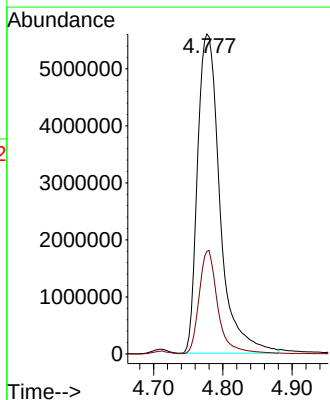
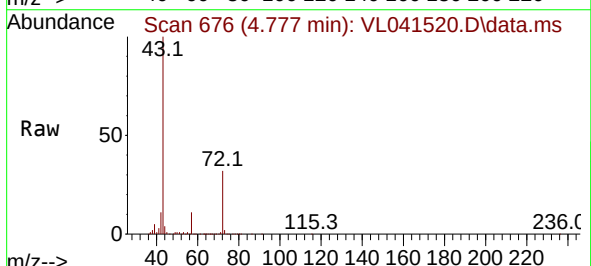
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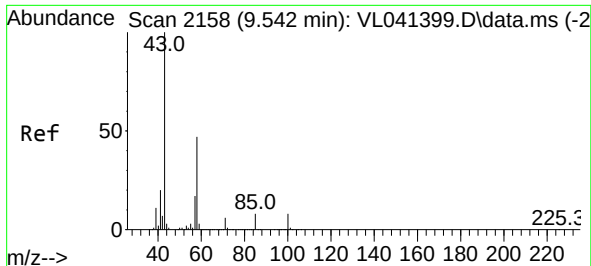
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#34
2-Butanone
Concen: 87.839 ppbv
RT: 4.777 min Scan# 676
Delta R.T. -0.007 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

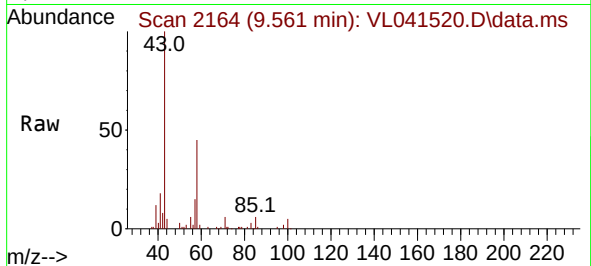
Tgt Ion: 43 Resp:12613546
Ion Ratio Lower Upper
43 100
72 27.2 17.3 25.9#





#51
2-Hexanone
Concen: 0.592 ppbv m
RT: 9.561 min Scan# 2158
Delta R.T. 0.016 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

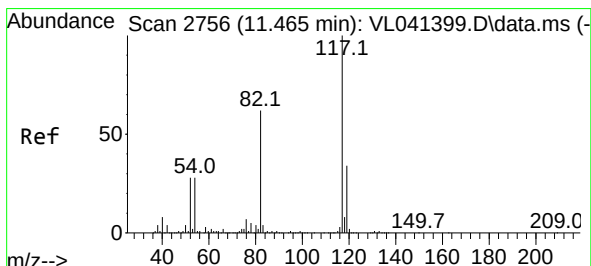
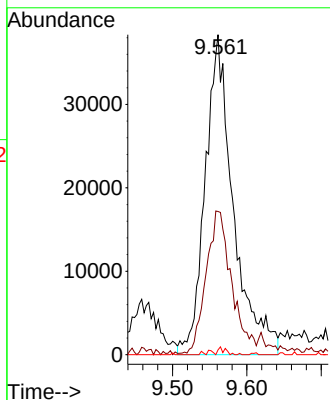
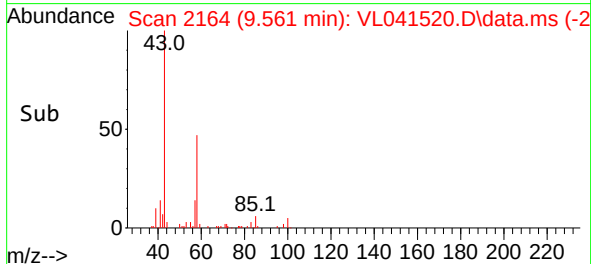
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL



Tgt Ion: 43 Resp: 101389
Ion Ratio Lower Upper
43 100
58 43.0 38.2 57.2
98 1.0 0.3 0.5

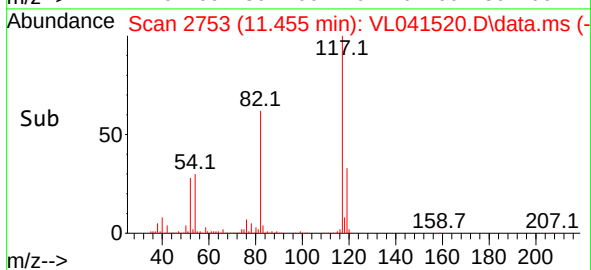
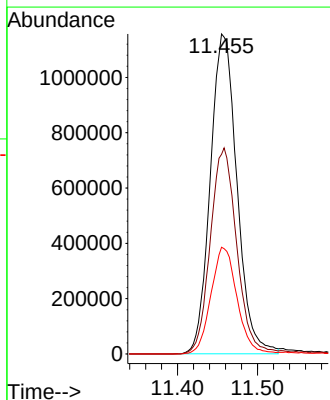
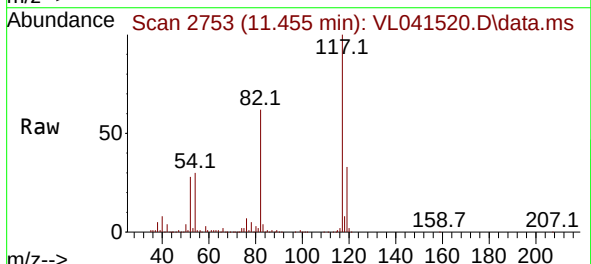
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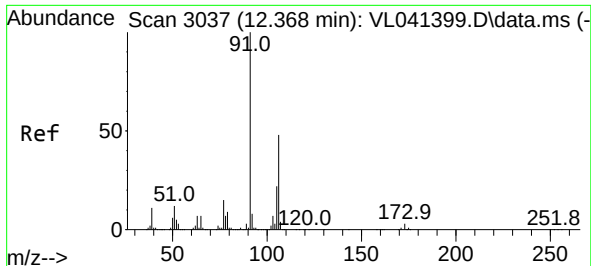
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.007 min
Lab File: VL041520.D
Acq: 8 Aug 2024 19:57

Tgt Ion:117 Resp: 2679635
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.5 45.2 67.8





#59

m/p-Xylene

Concen: 0.143 ppbv m

RT: 12.333 min Scan# 3037

Delta R.T. -0.035 min

Lab File: VL041520.D

Acq: 8 Aug 2024 19:57

Instrument :

MSVOA_L

ClientSampleId :

SV-3DL

Tgt Ion: 91 Resp: 3818

Ion Ratio Lower Upper

91 100

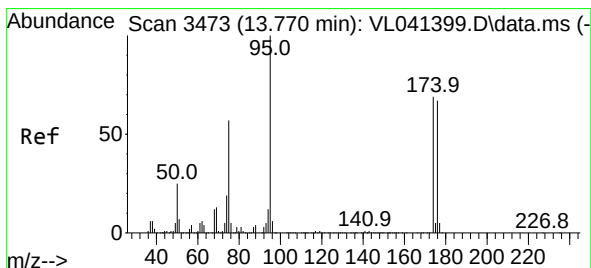
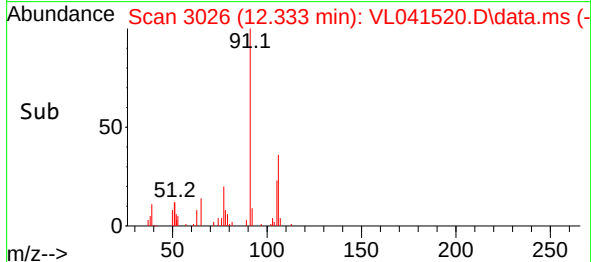
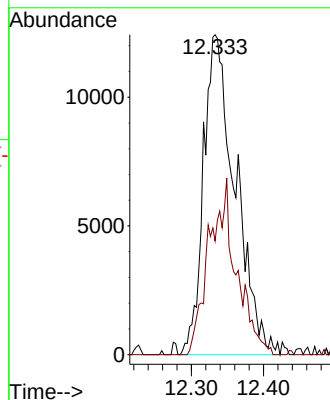
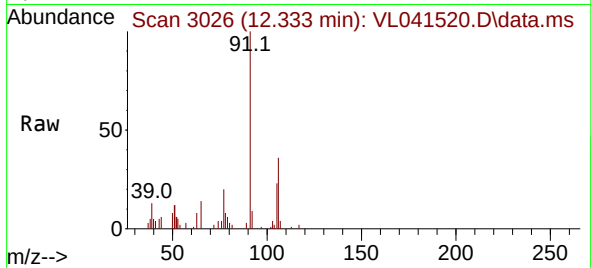
106 47.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.002 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.000 min

Lab File: VL041520.D

Acq: 8 Aug 2024 19:57

Tgt Ion: 95 Resp: 2062584

Ion Ratio Lower Upper

95 100

174 71.2 56.3 84.5

175 5.2 4.0 6.0

