

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041110.D
 Acq On : 14 Mar 2024 17:04
 Operator : SY/MD
 Sample : P1748-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:48:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1227809	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3064545	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2942492	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2348484	10.208	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	117982	1.965	ppbv	94
13) Ethanol	3.234	45	56001	3.499	ppbv	77
15) Acetone	3.462	43	545943	3.903	ppbv #	85
20) Methylene Chloride	3.925	84	66381	1.217	ppbv	93
26) Hexane	5.208	57	31180	0.277	ppbv #	34
34) 2-Butanone	4.780	43	705806	4.652	ppbv	97
44) 2,2,4-Trimethylpentane	7.320	57	175069	0.460	ppbv #	80
51) 2-Hexanone	9.562	43	108795	0.664	ppbv #	100
53) Toluene	9.217	91	12045366	48.988	ppbv	93
59) m/p-Xylene	12.340	91	91800m	0.304	ppbv	
60) o-Xylene	13.057	91	34264	0.119	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	48676m	0.152	ppbv	

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

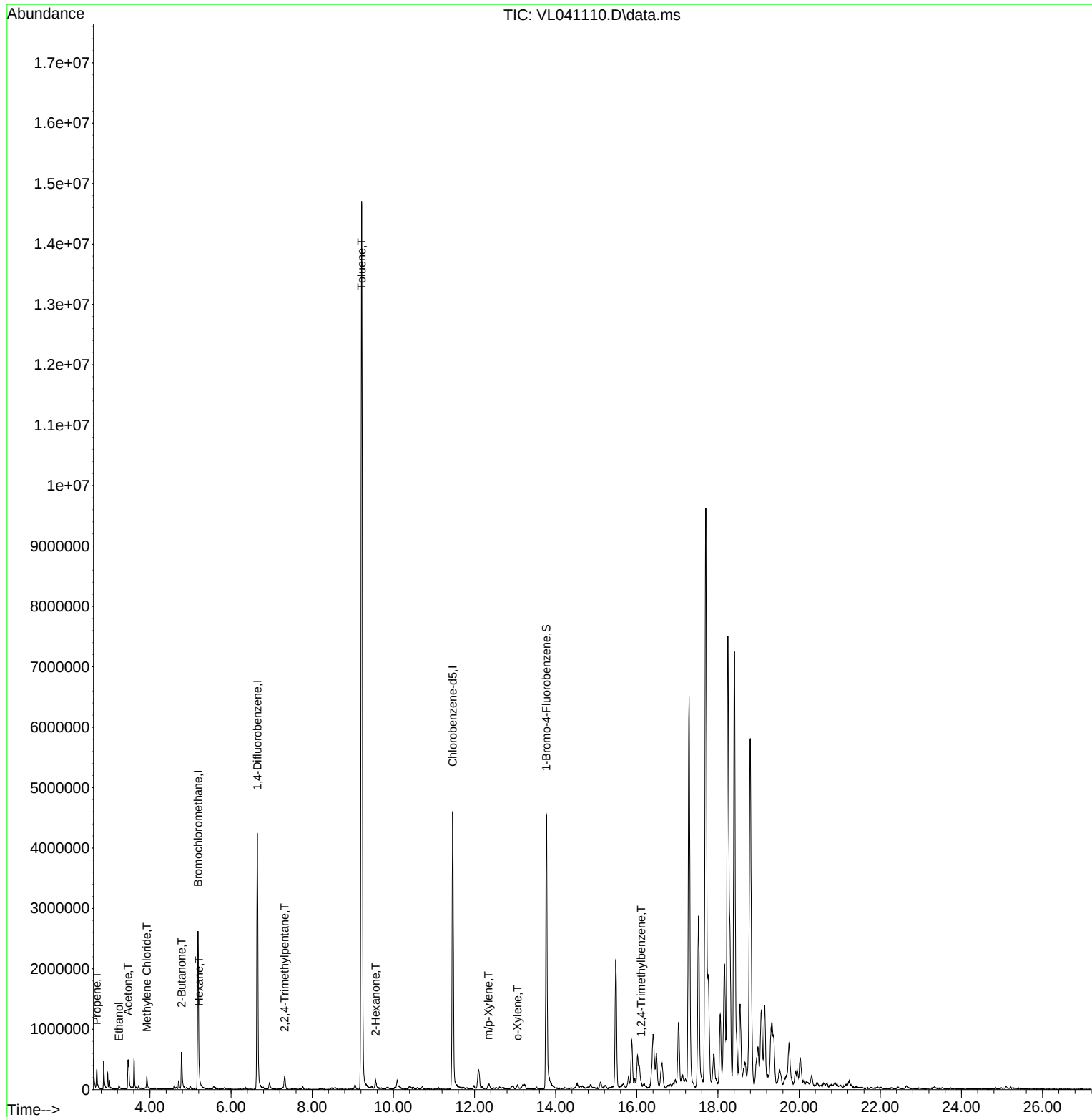
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041110.D
Acq On : 14 Mar 2024 17:04
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Misc : 400mL/MSVOA_L
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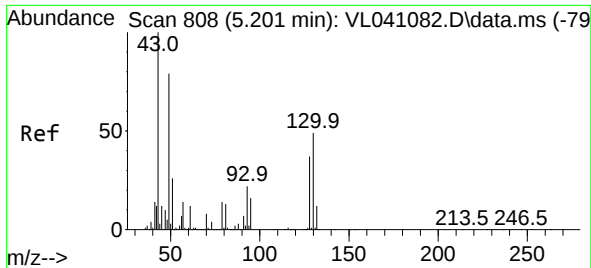
Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Quant Time: Mar 15 02:48:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 15 02:44:43 2024
Response via : Initial Calibration

Manual Integrations
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Supervised By : Mahesh Dadoda 03/18/2024





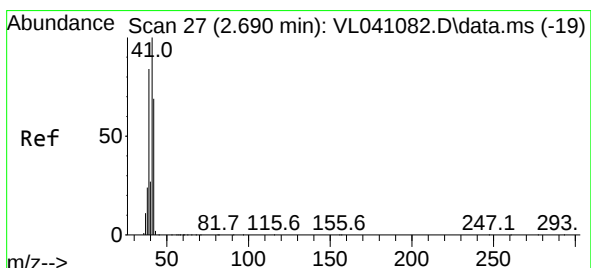
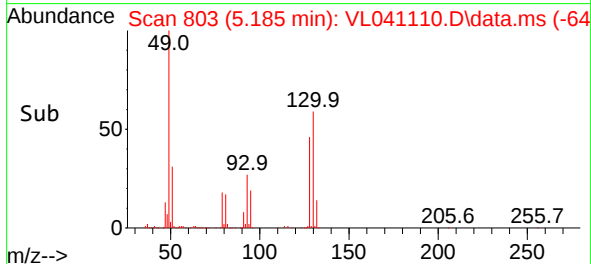
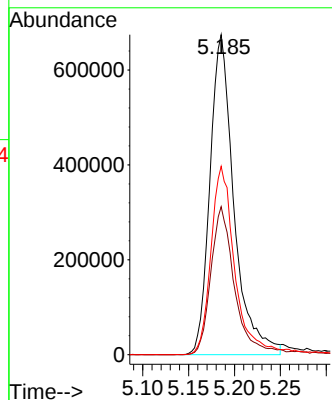
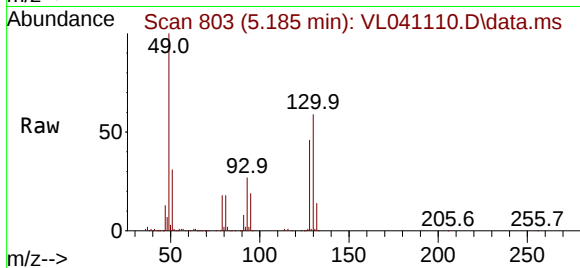
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

Instrument :
MSVOA_L
ClientSampleId :
SVP-03

Tgt Ion: 49 Resp: 1227809
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.5
130 61.1 30.3 90.9

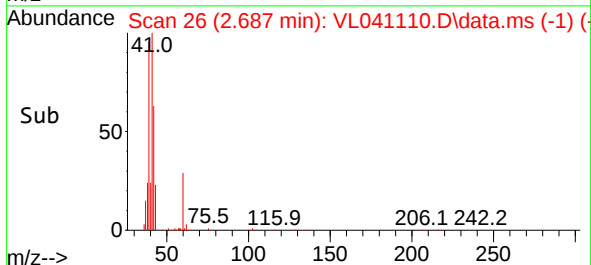
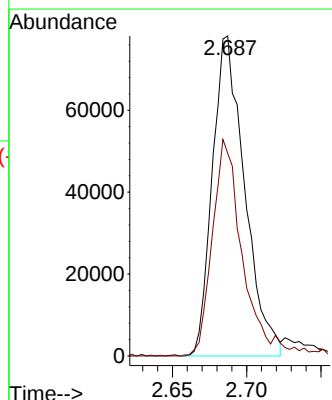
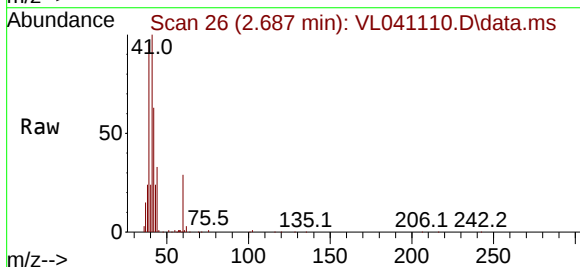
Manual Integrations
APPROVED

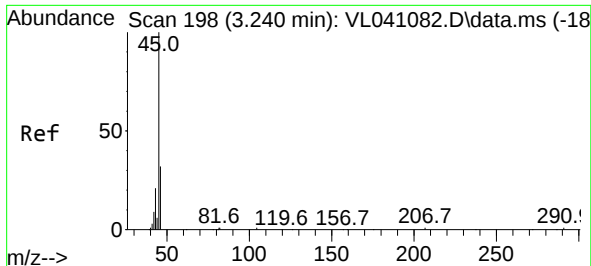
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 1.965 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

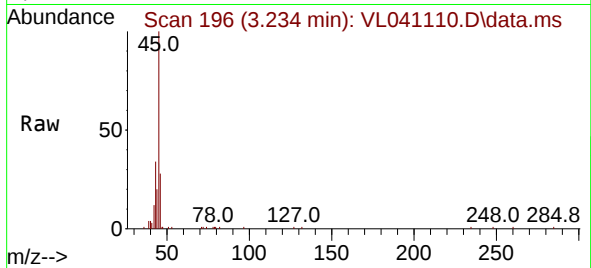
Tgt Ion: 41 Resp: 117982
Ion Ratio Lower Upper
41 100
42 65.0 55.9 83.9





#13
Ethanol
Concen: 3.499 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

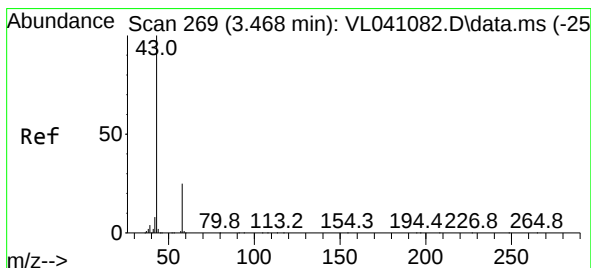
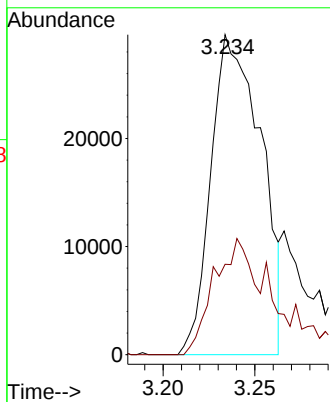
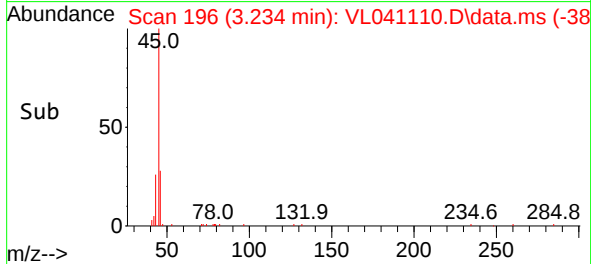
Instrument :
MSVOA_L
ClientSampleId :
SVP-03



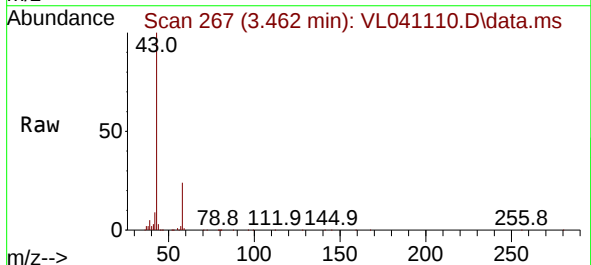
Tgt Ion: 45 Resp: 5600
Ion Ratio Lower Upper
45 100
46 49.9 14.6 58.2

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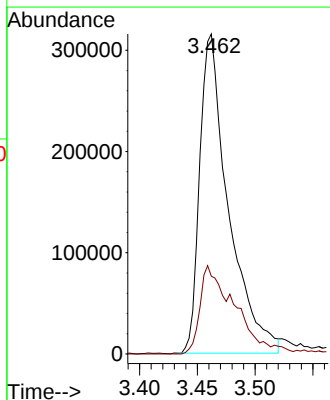
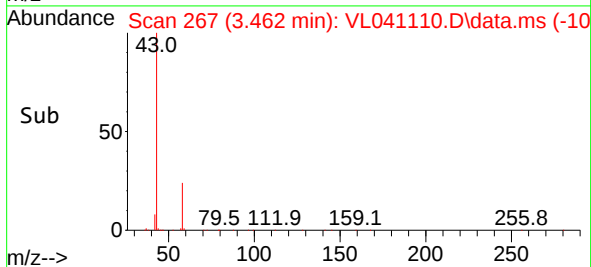
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

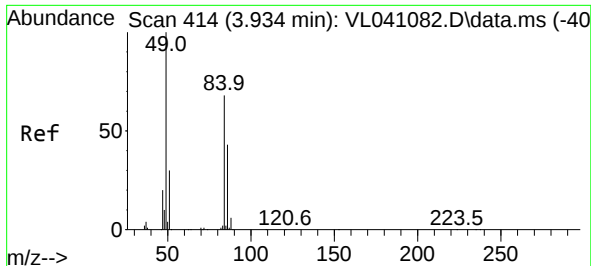


#15
Acetone
Concen: 3.903 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04



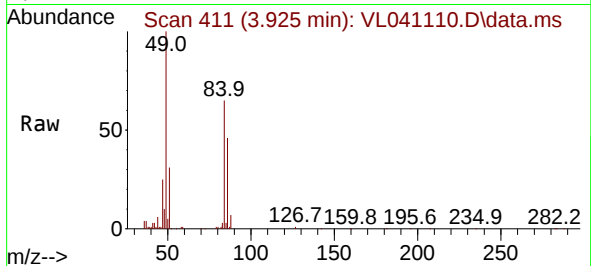
Tgt Ion: 43 Resp: 545943
Ion Ratio Lower Upper
43 100
58 35.1 21.7 32.5#





#20
Methylene Chloride
Concen: 1.217 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

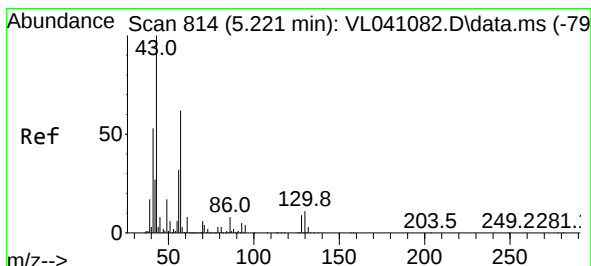
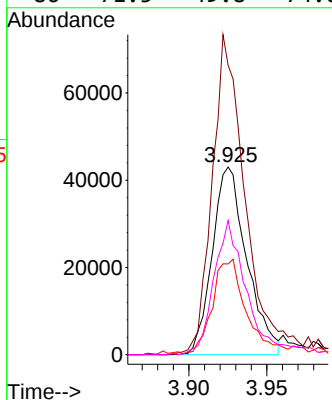
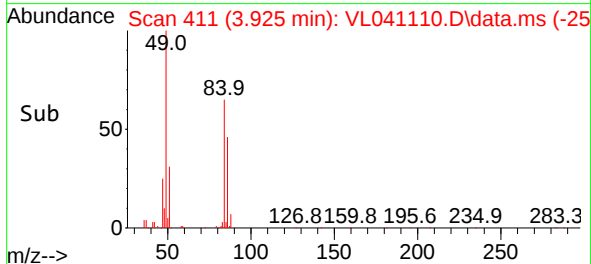
Instrument :
MSVOA_L
ClientSampleId :
SVP-03



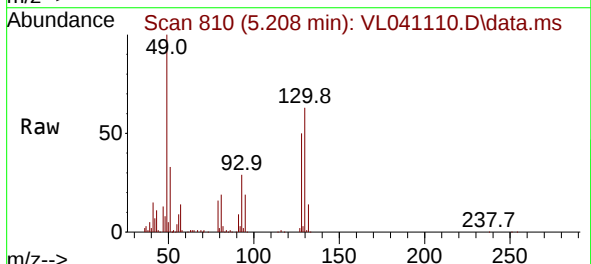
Tgt Ion: 84 Resp: 6638
Ion Ratio Lower Upper
84 100
49 153.1 117.0 175.6
51 46.8 34.9 52.3
86 71.5 49.8 74.6

Manual Integrations
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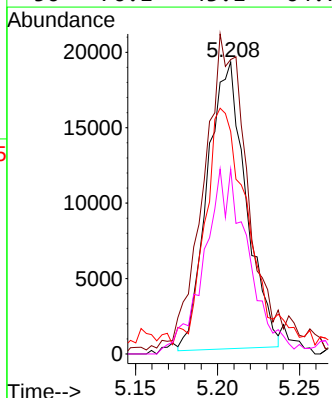
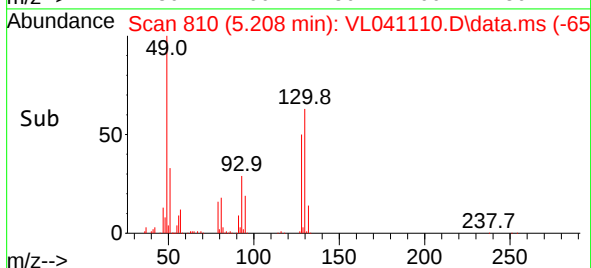
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

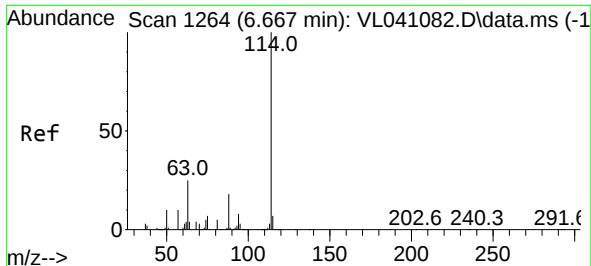


#26
Hexane
Concen: 0.277 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04



Tgt Ion: 57 Resp: 31180
Ion Ratio Lower Upper
57 100
41 136.7 73.8 110.6#
43 94.8 184.2 276.2#
56 76.1 43.1 64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041110.D

Acq: 14 Mar 2024 17:04

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

Tgt Ion:114 Resp: 306454

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

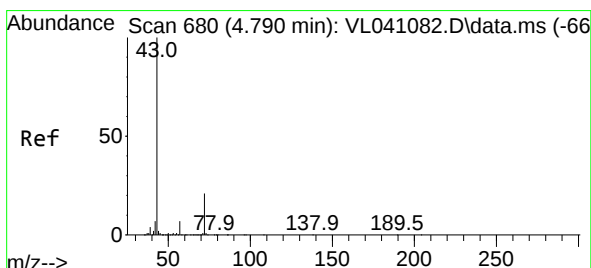
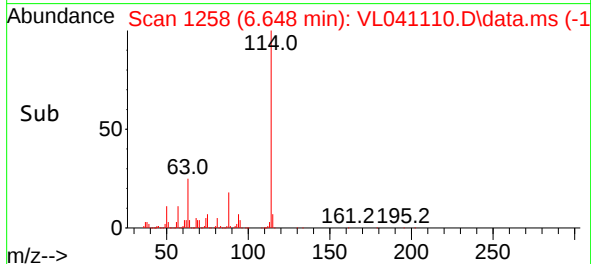
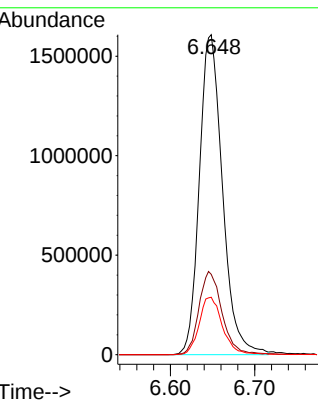
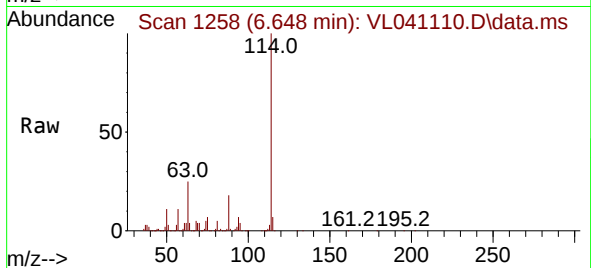
88 18.2 14.6 22.0

Manual Integrations

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Supervised By :Mahesh Dadoda 03/18/2024



#34

2-Butanone

Concen: 4.652 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.006 min

Lab File: VL041110.D

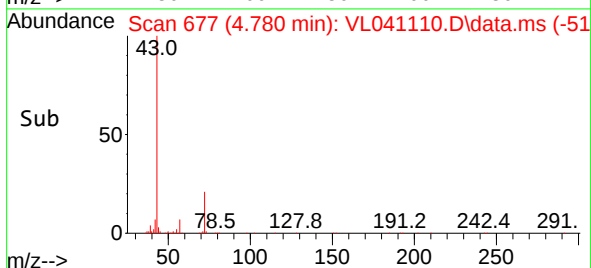
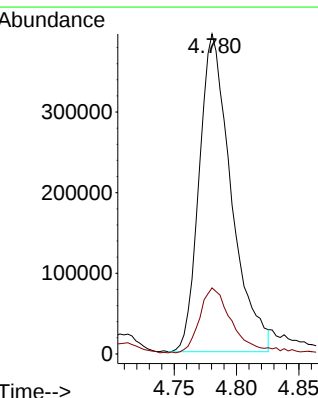
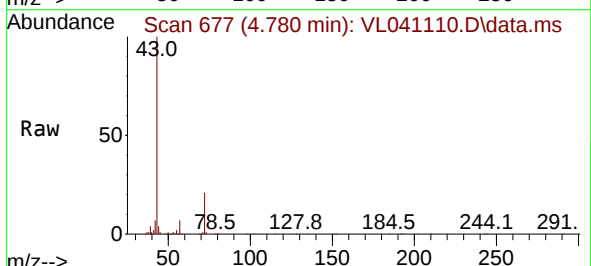
Acq: 14 Mar 2024 17:04

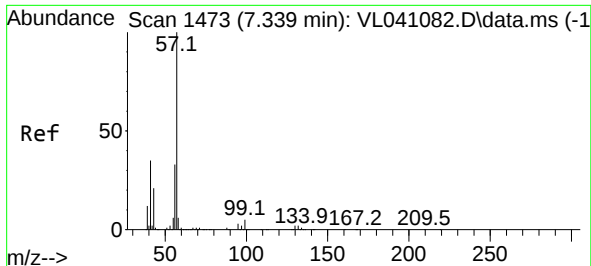
Tgt Ion: 43 Resp: 705806

Ion Ratio Lower Upper

43 100

72 23.0 17.4 26.0





#44

2,2,4-Trimethylpentane

Concen: 0.460 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.003 min

Lab File: VL041110.D

Acq: 14 Mar 2024 17:04

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

Tgt Ion: 57 Resp: 175069

Ion Ratio Lower Upper

57 100

41 48.8 28.0 42.0

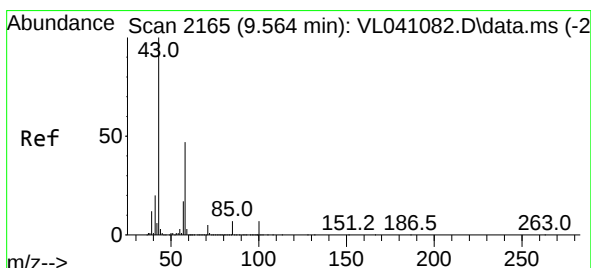
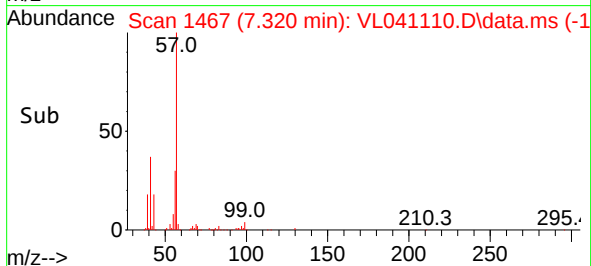
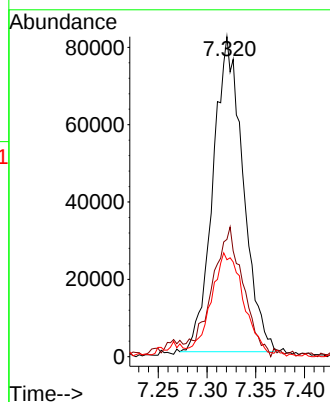
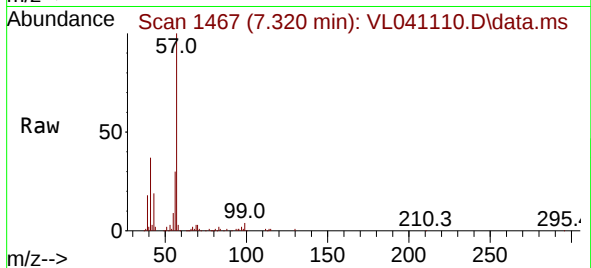
56 40.9 25.7 38.5

Manual Integrations

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Supervised By :Mahesh Dadoda 03/18/2024



#51

2-Hexanone

Concen: 0.664 ppbv

RT: 9.562 min Scan# 2164

Delta R.T. 0.023 min

Lab File: VL041110.D

Acq: 14 Mar 2024 17:04

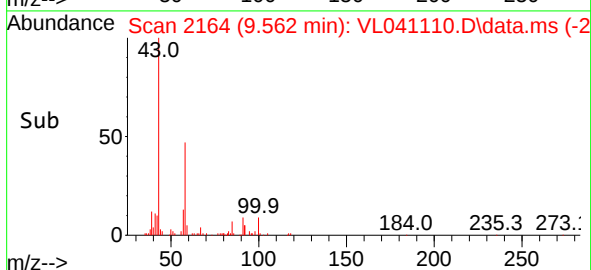
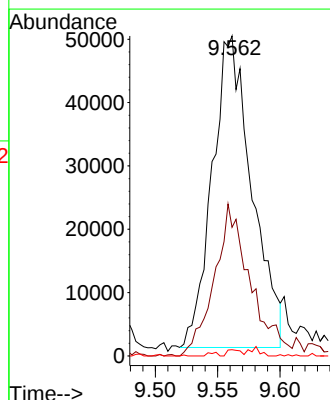
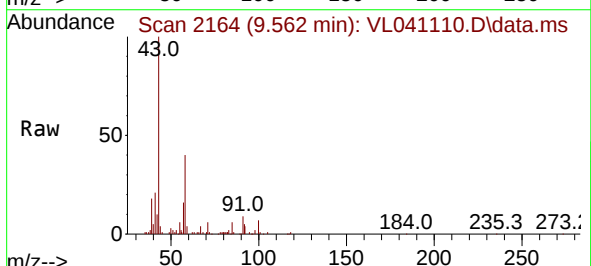
Tgt Ion: 43 Resp: 108795

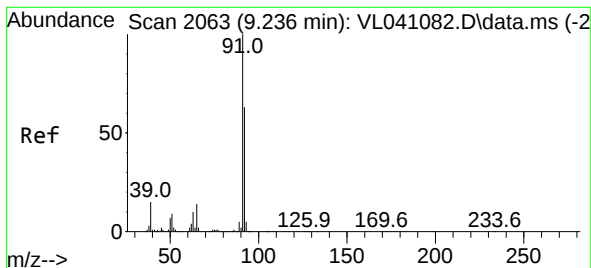
Ion Ratio Lower Upper

43 100

58 46.9 37.4 56.2

98 1.8 0.4 0.6





#53

Toluene

Concen: 48.988 ppbv

RT: 9.217 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VL041110.D

Acq: 14 Mar 2024 17:04

Instrument :

MSVOA_L

ClientSampleId :

SVP-03

Tgt Ion: 91 Resp:1204536

Ion Ratio Lower Upper

91 100

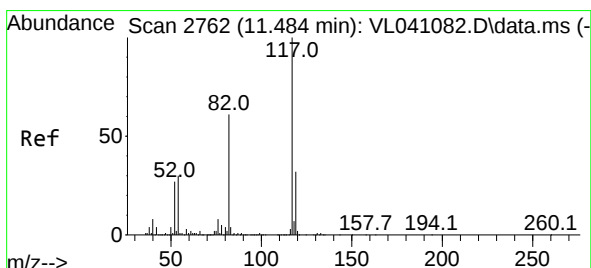
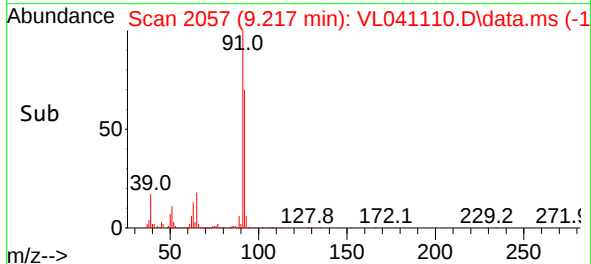
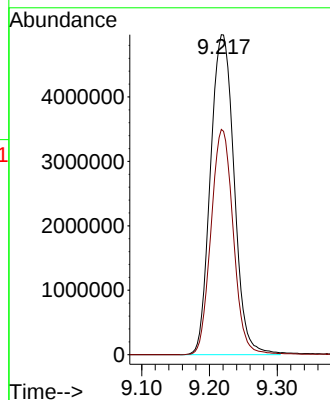
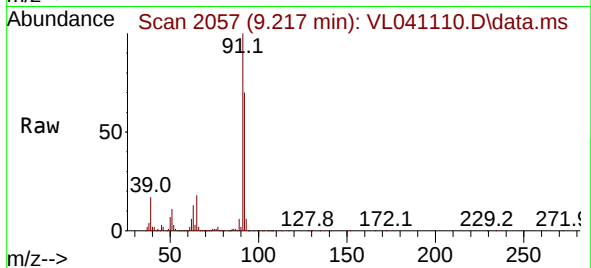
92 66.4 48.9 73.3

Manual Integrations

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Supervised By :Mahesh Dadoda 03/18/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.003 min

Lab File: VL041110.D

Acq: 14 Mar 2024 17:04

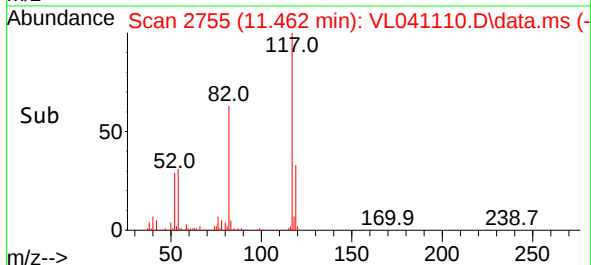
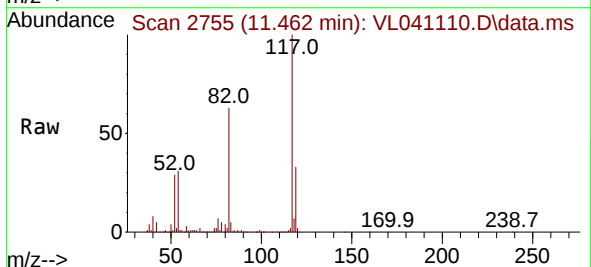
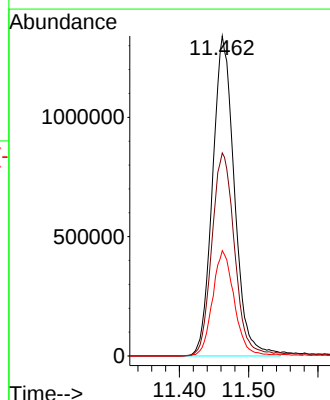
Tgt Ion:117 Resp: 2942492

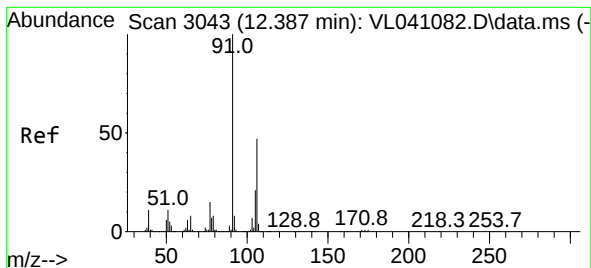
Ion Ratio Lower Upper

117 100

82 67.3 51.4 77.2

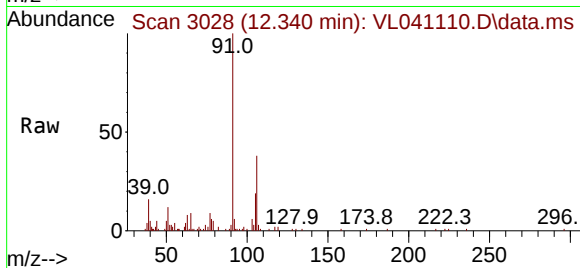
119 33.4 23.7 35.5





#59
m/p-Xylene
Concen: 0.304 ppbv m
RT: 12.340 min Scan# 3043
Delta R.T. -0.023 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

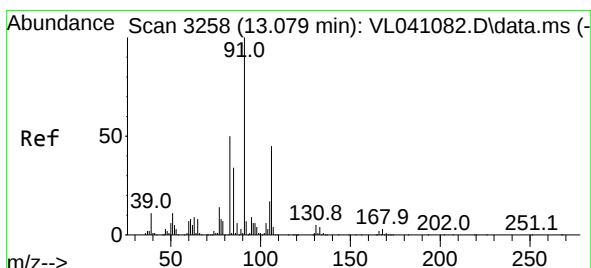
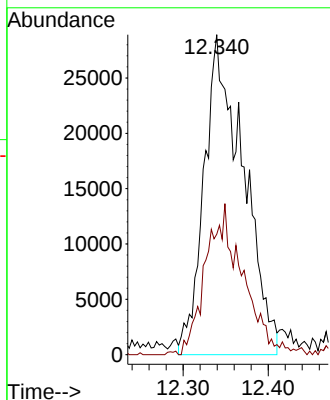
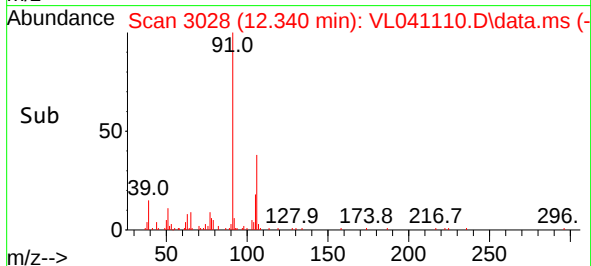
Instrument :
MSVOA_L
ClientSampleId :
SVP-03



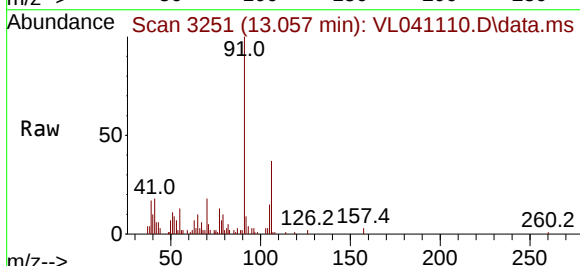
Tgt Ion: 91 Resp: 91800
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

Manual Integrations
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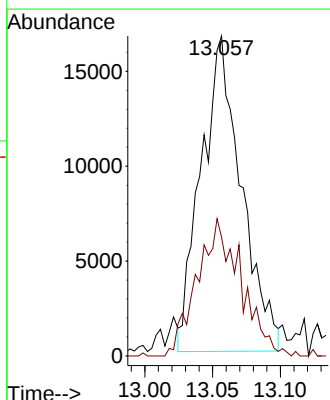
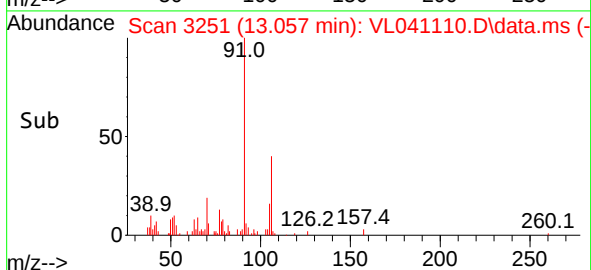
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

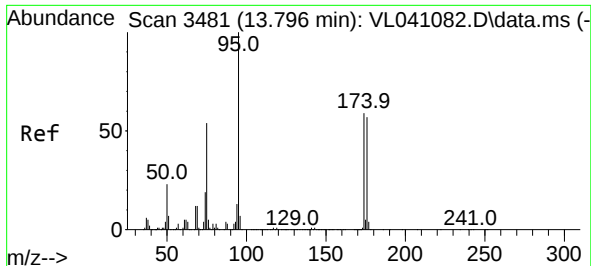


#60
o-Xylene
Concen: 0.119 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04



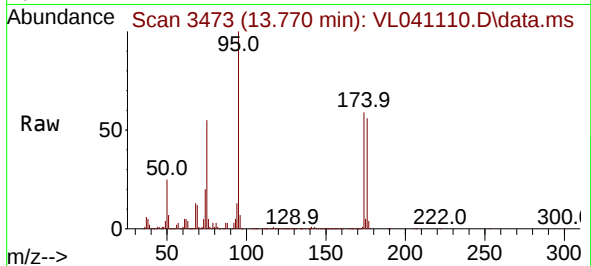
Tgt Ion: 91 Resp: 34264
Ion Ratio Lower Upper
91 100
106 47.7 22.4 67.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.208 ppbv
RT: 13.770 min Scan# 3481
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04

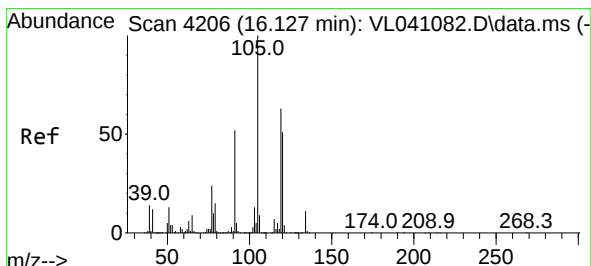
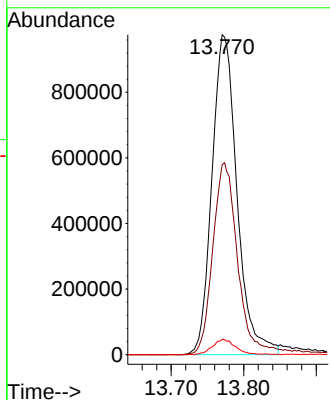
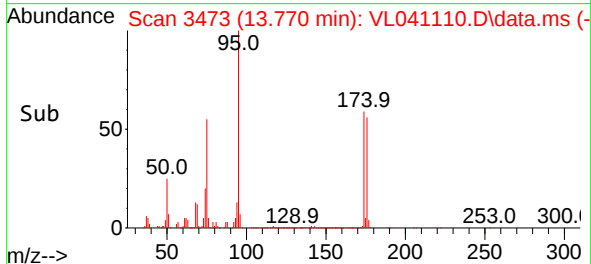
Instrument :
MSVOA_L
ClientSampleId :
SVP-03



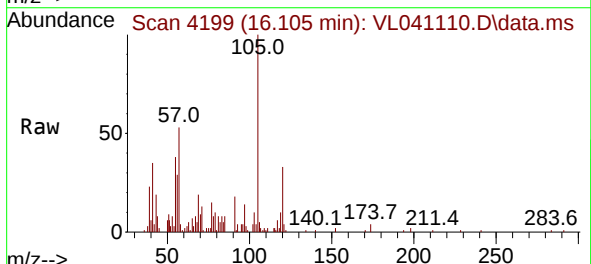
Tgt Ion: 95 Resp: 234848
Ion Ratio Lower Upper
95 100
174 61.3 47.8 71.8
175 4.5 3.5 5.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.152 ppbv m
RT: 16.105 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL041110.D
Acq: 14 Mar 2024 17:04



Tgt Ion:105 Resp: 48676
Ion Ratio Lower Upper
105 100
120 32.7 40.4 60.6#
91 17.5 41.4 62.0#
77 14.8 19.0 28.4#

