

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041557.D
 Acq On : 19 Aug 2024 21:36
 Operator : SY/MD
 Sample : P3659-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:24:33 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 20 02:24:33 2024

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	949196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2582196	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2367962	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1804911	9.905	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	11910m	0.229	ppbv	
13) Ethanol	3.282	45	3413m	0.736	ppbv	
15) Acetone	3.504	43	95056	0.881	ppbv	# 78
20) Methylene Chloride	3.954	84	61976m	1.541	ppbv	
25) Ethyl Acetate	5.234	43	64709	0.302	ppbv	# 80
26) Hexane	5.230	57	87319	0.982	ppbv	# 34
34) 2-Butanone	4.822	43	80828	0.647	ppbv	94
38) Trichloroethene	7.307	130	4092m	0.047	ppbv	
52) Tetrachloroethene	10.632	164	1402100	19.232	ppbv	97
53) Toluene	9.243	91	53150	0.253	ppbv	98
59) m/p-Xylene	12.355	91	92848m	0.394	ppbv	
60) o-Xylene	13.073	91	32711m	0.147	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	53062	0.202	ppbv	# 72

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

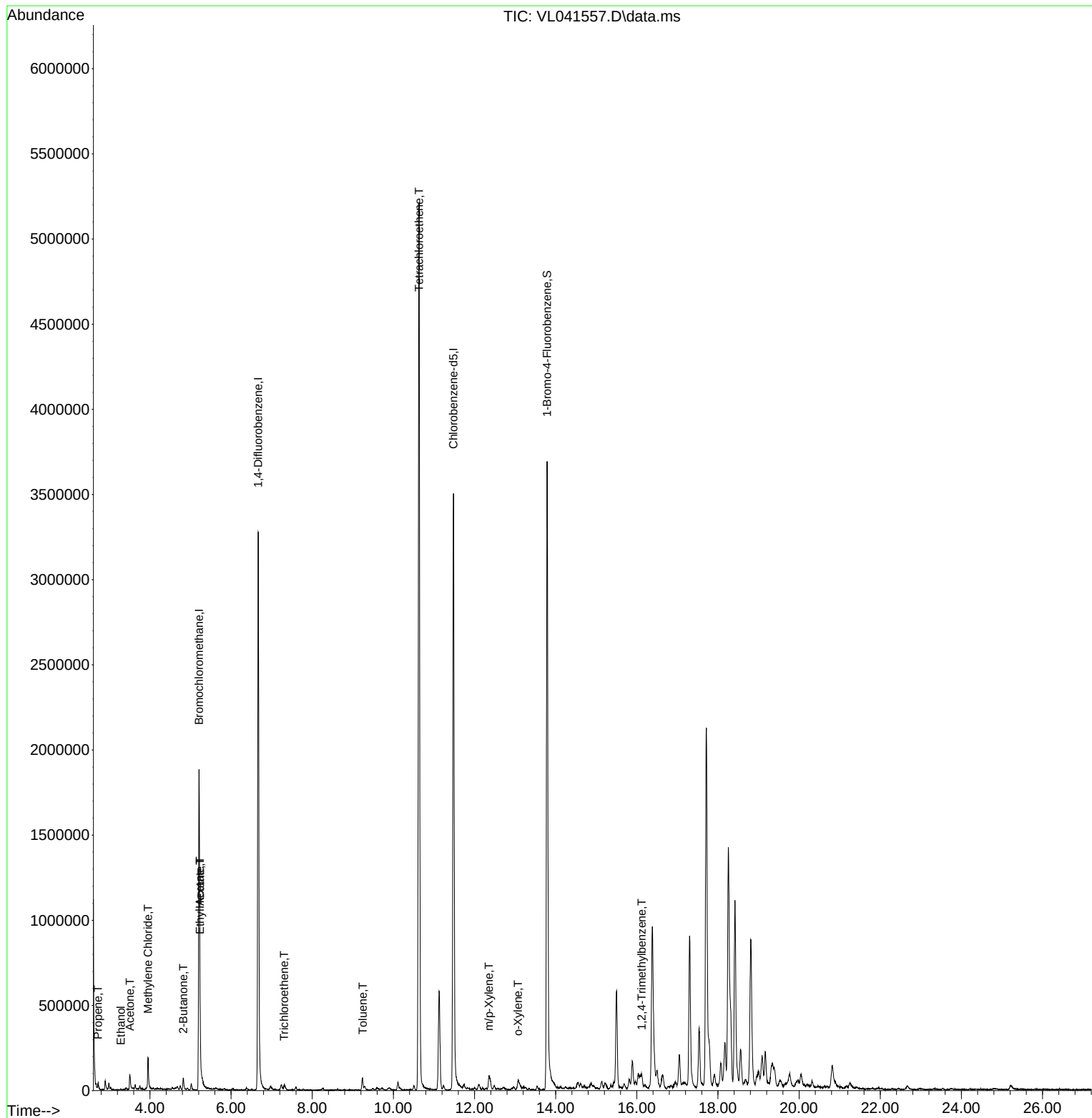
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041557.D
Acq On : 19 Aug 2024 21:36
Operator : SY/MD
Sample : P3659-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

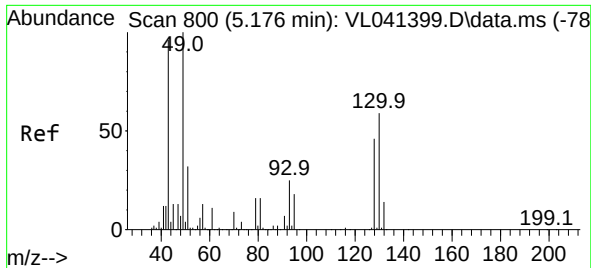
Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Quant Time: Aug 20 02:24:33 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 20 02:10:04 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

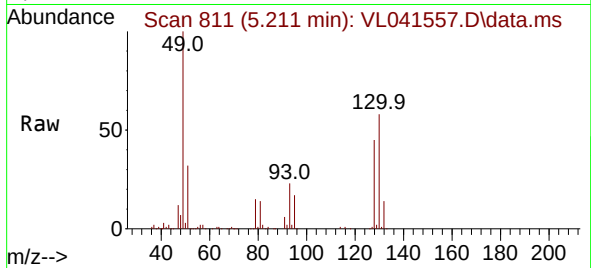
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

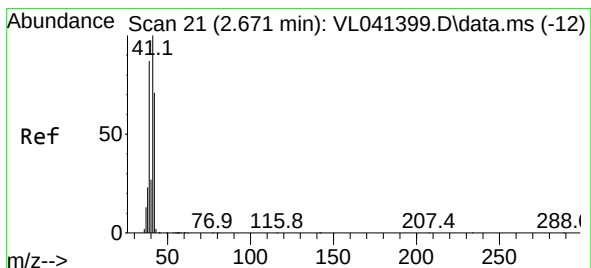
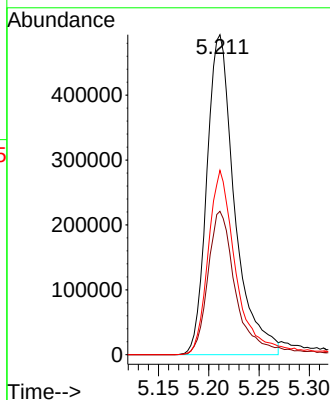
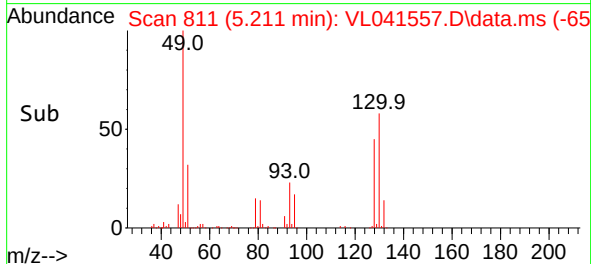
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 49 Resp: 949190
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.2 30.8 92.4

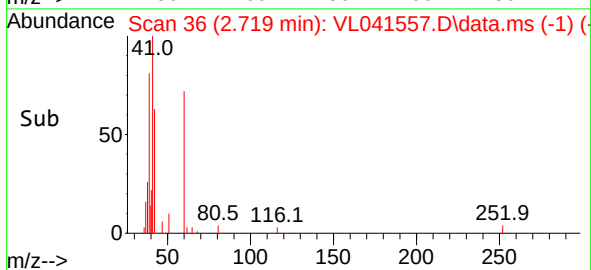
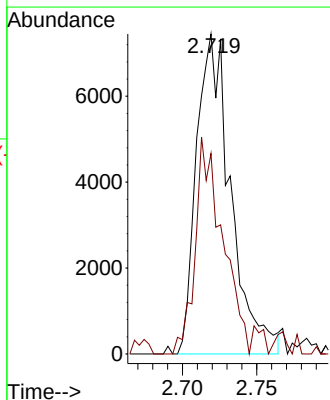
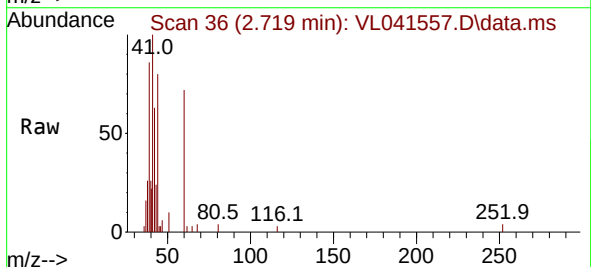
Manual Integrations
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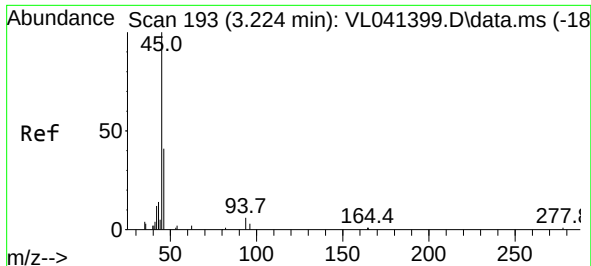
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#9
Propene
Concen: 0.229 ppbv m
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

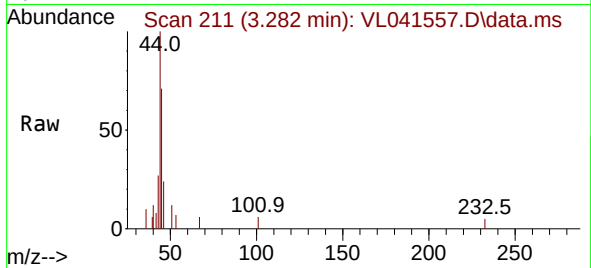
Tgt Ion: 41 Resp: 11910
Ion Ratio Lower Upper
41 100
42 18.0 55.9 83.9#





#13
Ethanol
Concen: 0.736 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.026 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

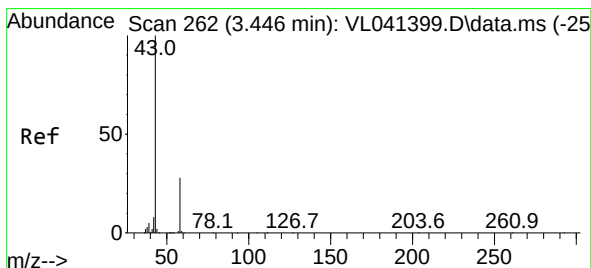
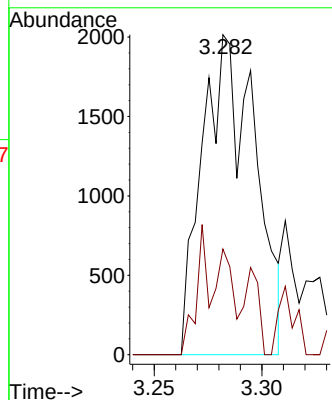
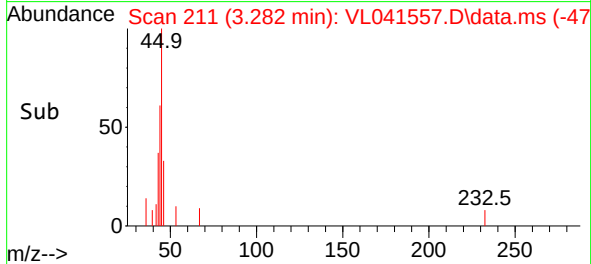
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



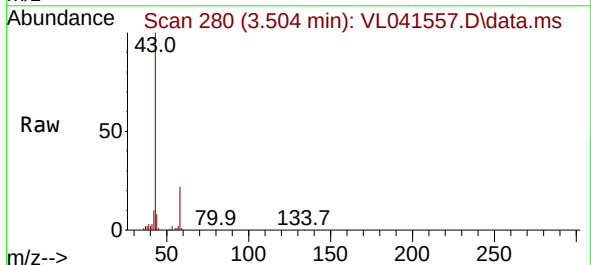
Tgt Ion: 45 Resp: 341
Ion Ratio Lower Upper
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46 33.3 13.4 53.4

Manual Integrations
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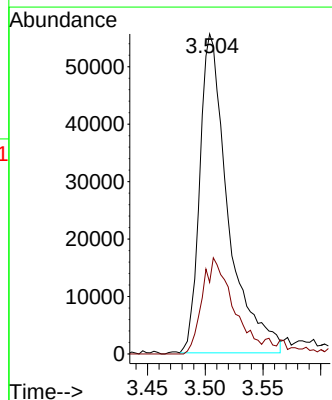
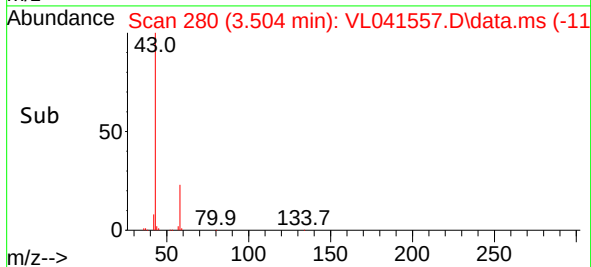
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

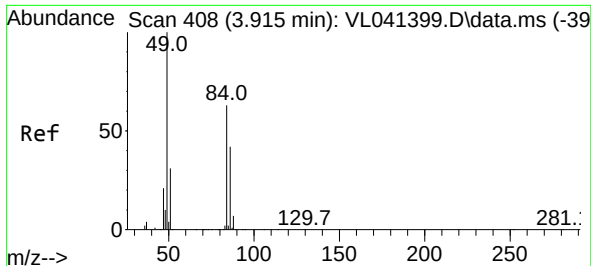


#15
Acetone
Concen: 0.881 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.019 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36



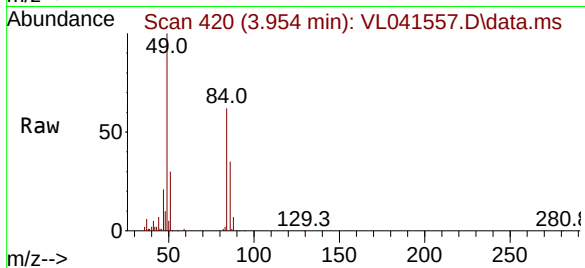
Tgt Ion: 43 Resp: 95056
Ion Ratio Lower Upper
43 100
58 38.3 21.4 32.2#





#20
Methylene Chloride
Concen: 1.541 ppbv m
RT: 3.954 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

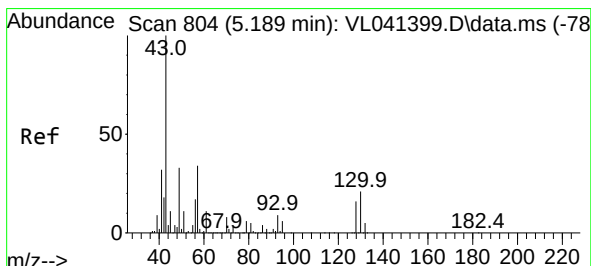
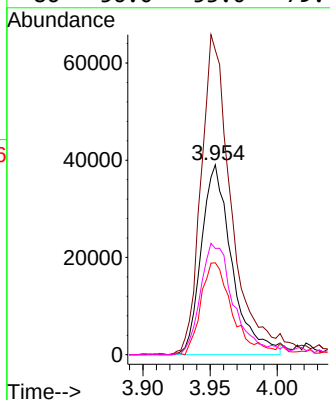
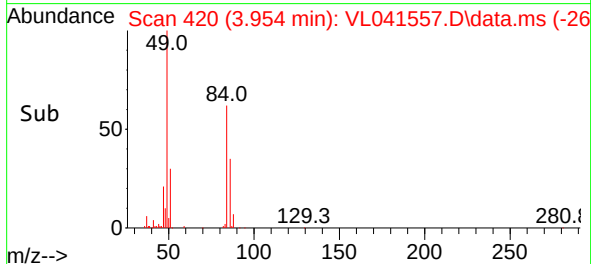
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 84 Resp: 61970
Ion Ratio Lower Upper
84 100
49 160.4 126.6 190.0
51 48.4 38.6 58.0
86 56.0 53.0 79.4

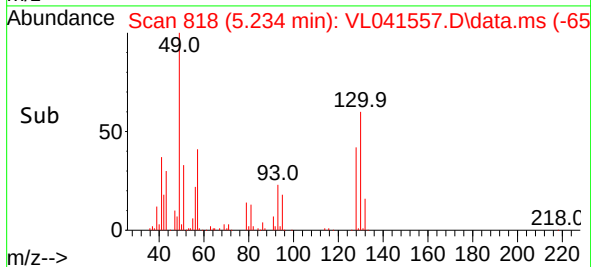
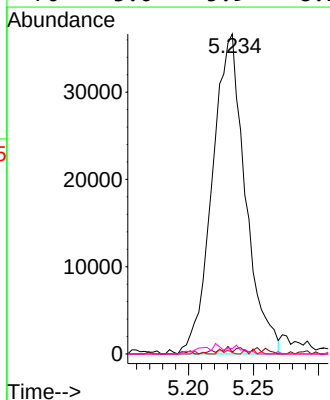
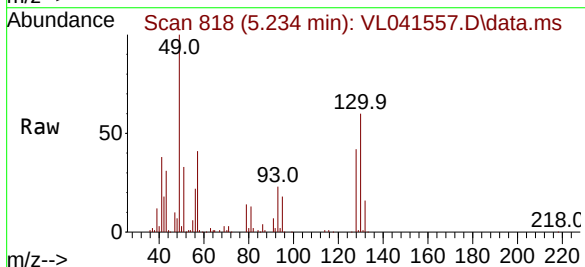
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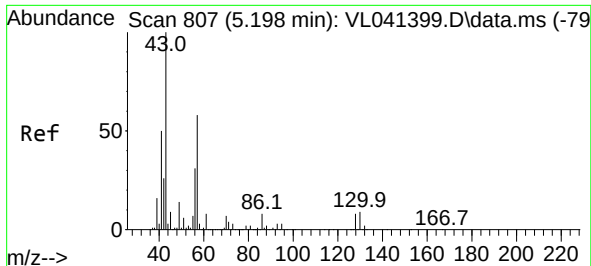
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#25
Ethyl Acetate
Concen: 0.302 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.013 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

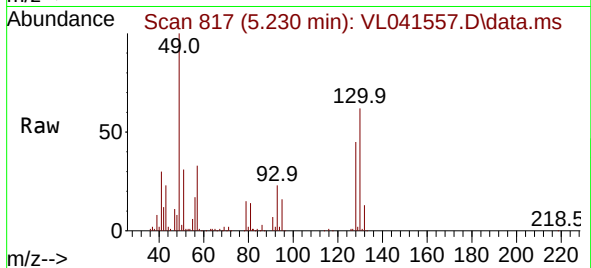
Tgt Ion: 43 Resp: 64709
Ion Ratio Lower Upper
43 100
45 2.4 8.5 12.7#
61 1.0 8.0 12.0#
70 3.0 5.9 8.9#





#26
Hexane
Concen: 0.982 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

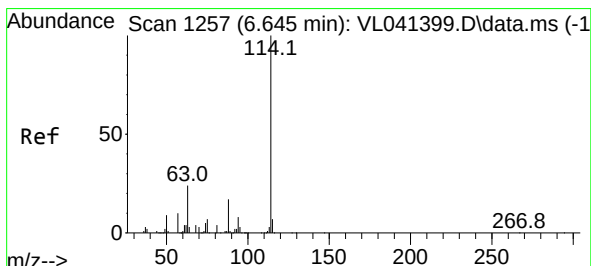
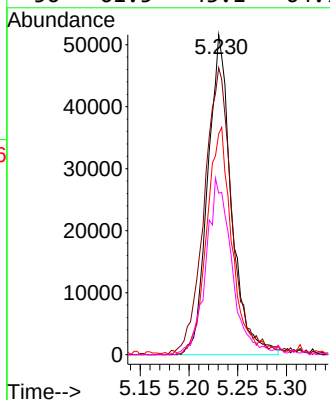
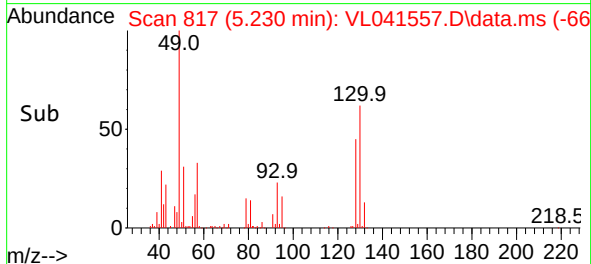
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 57 Resp: 87319
Ion Ratio Lower Upper
57 100
41 107.6 74.0 111.0
43 76.3 193.6 290.4
56 61.5 43.1 64.7

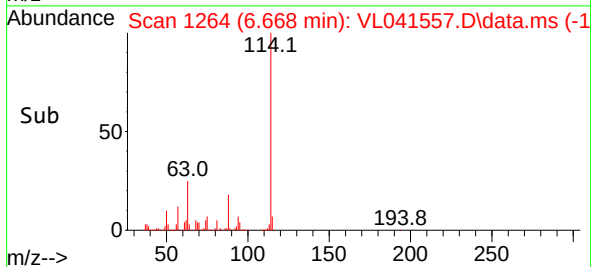
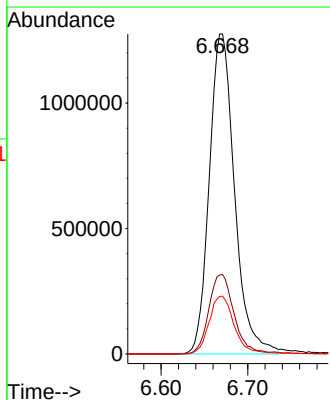
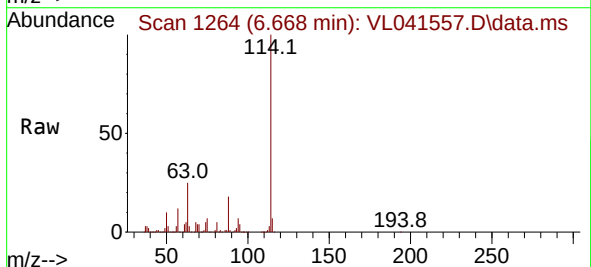
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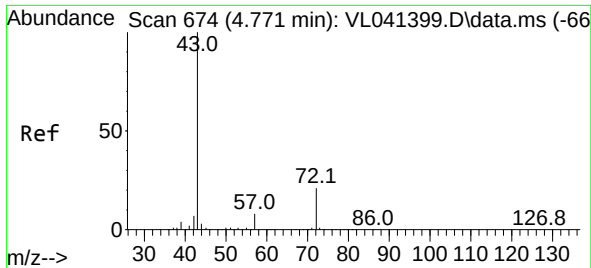
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

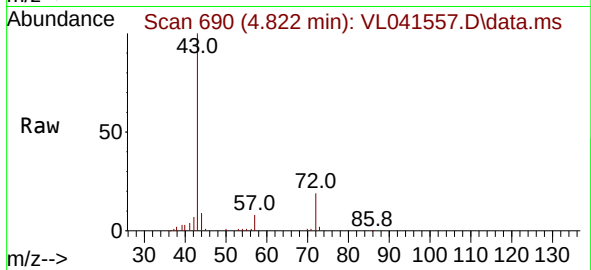
Tgt Ion:114 Resp: 2582196
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 18.2 14.3 21.5





#34
2-Butanone
Concen: 0.647 ppbv
RT: 4.822 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

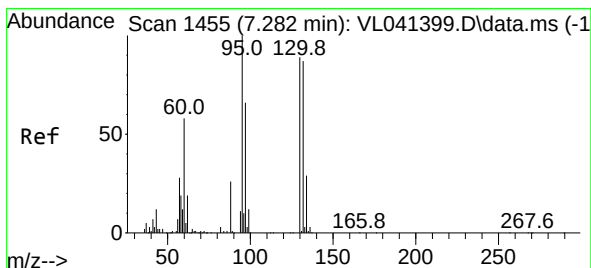
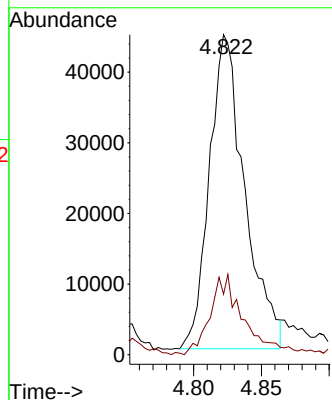
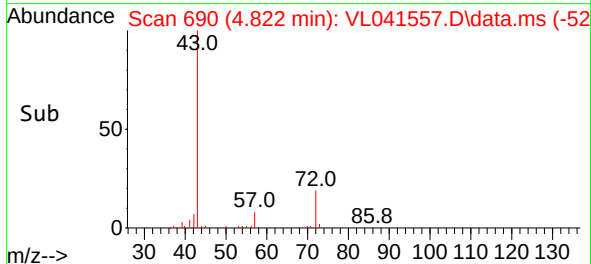
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 43 Resp: 80828
Ion Ratio Lower Upper
43 100
72 24.4 17.3 25.9

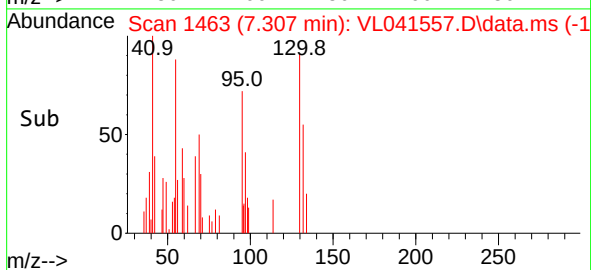
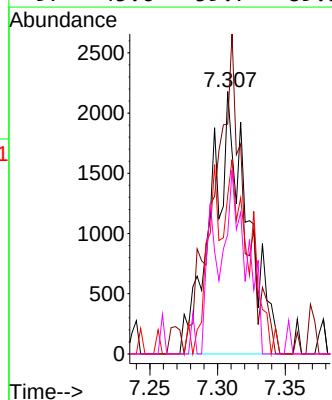
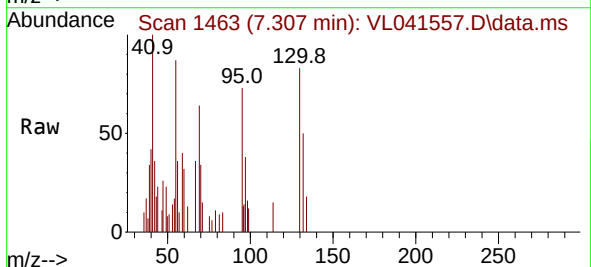
Manual Integrations
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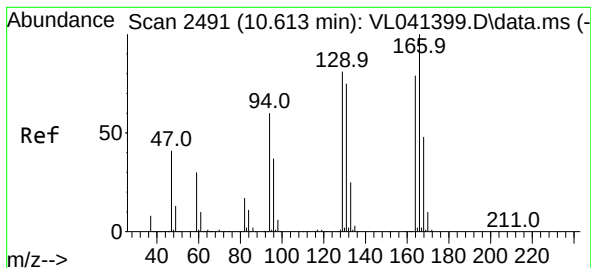
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#38
Trichloroethene
Concen: 0.047 ppbv m
RT: 7.307 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

Tgt Ion:130 Resp: 4092
Ion Ratio Lower Upper
130 100
95 87.6 90.2 135.2#
132 60.3 78.1 117.1#
97 45.6 59.7 89.5#





#52

Tetrachloroethene

Concen: 19.232 ppbv

RT: 10.632 min Scan# 2491

Delta R.T. -0.003 min

Lab File: VL041557.D

Acq: 19 Aug 2024 21:36

Instrument :

MSVOA_L

ClientSampleId :

SVIDL

Tgt Ion:164 Resp: 1402100

Ion Ratio Lower Upper

164 100

166 127.0 101.1 151.7

129 97.4 81.7 122.5

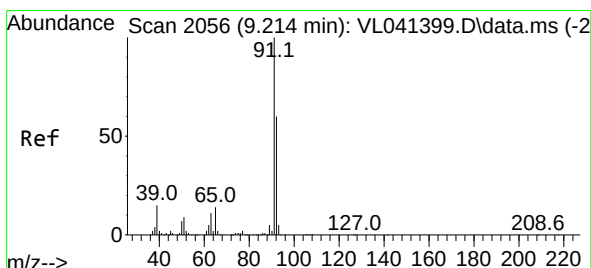
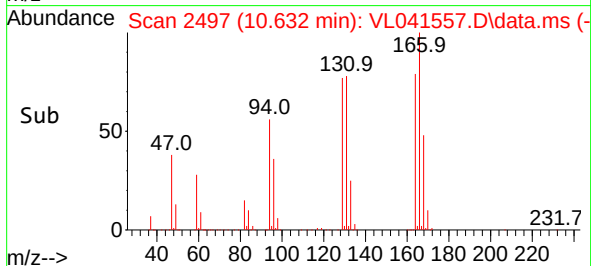
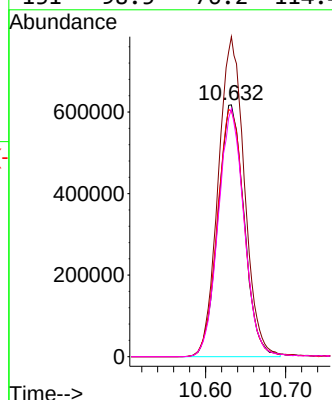
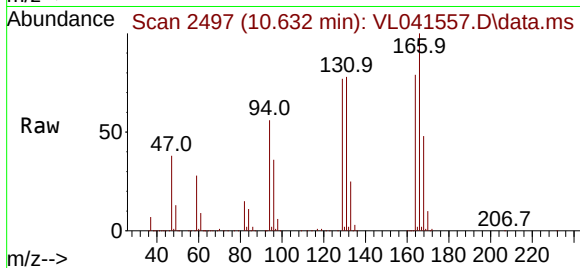
131 98.5 76.2 114.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#53

Toluene

Concen: 0.253 ppbv

RT: 9.243 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VL041557.D

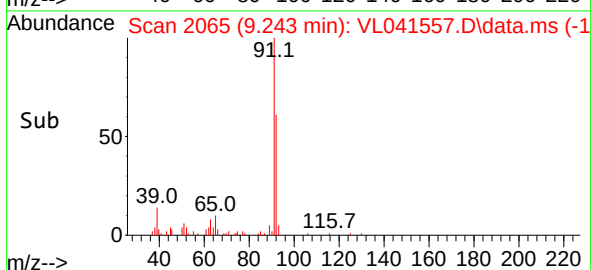
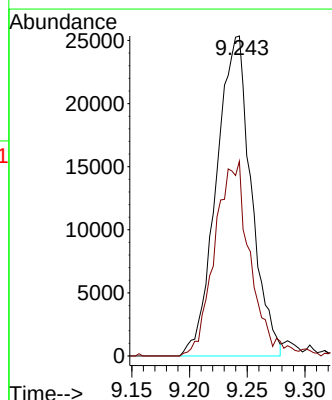
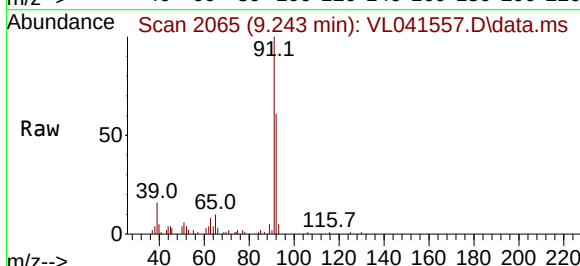
Acq: 19 Aug 2024 21:36

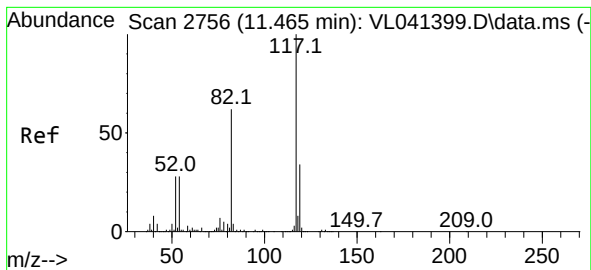
Tgt Ion: 91 Resp: 53150

Ion Ratio Lower Upper

91 100

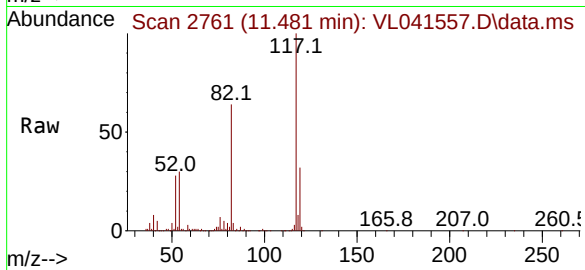
92 62.6 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

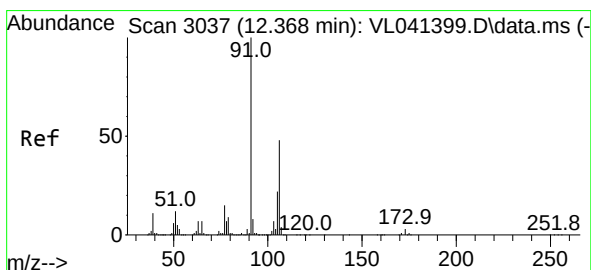
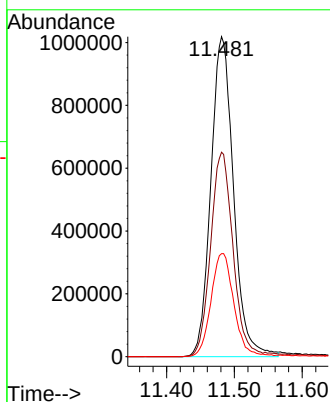
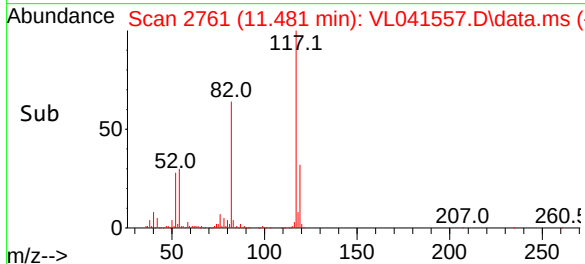
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion:117 Resp: 2367962
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.0 45.2 67.8

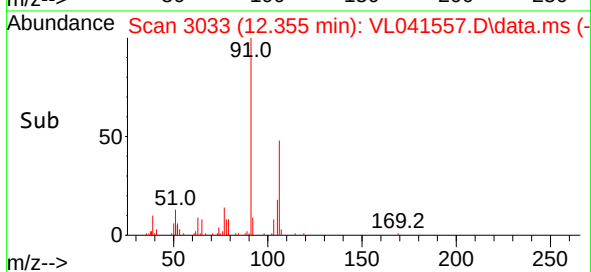
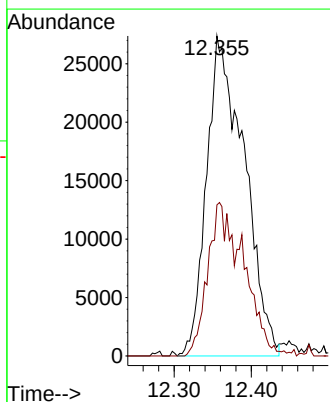
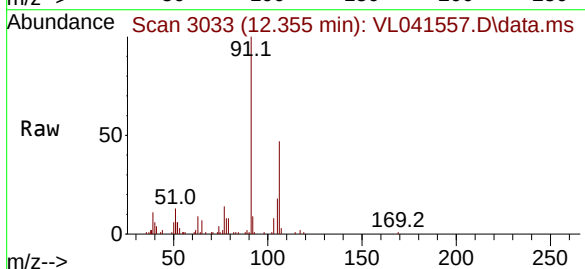
Manual Integrations
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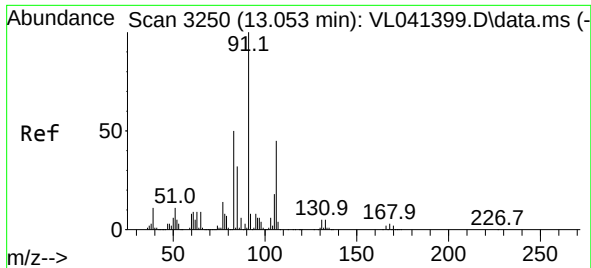
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#59
m/p-Xylene
Concen: 0.394 ppbv m
RT: 12.355 min Scan# 3033
Delta R.T. -0.039 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

Tgt Ion: 91 Resp: 92848
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5#





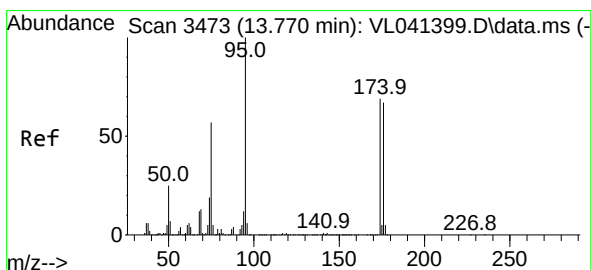
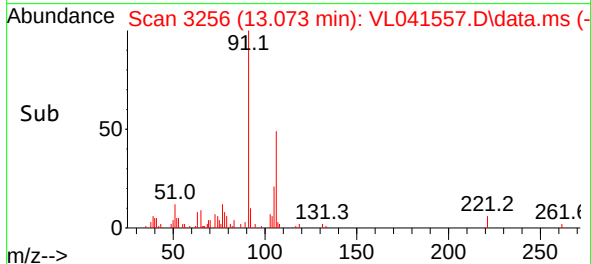
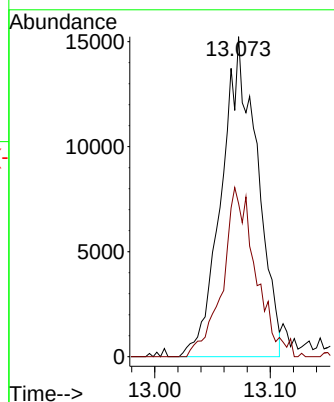
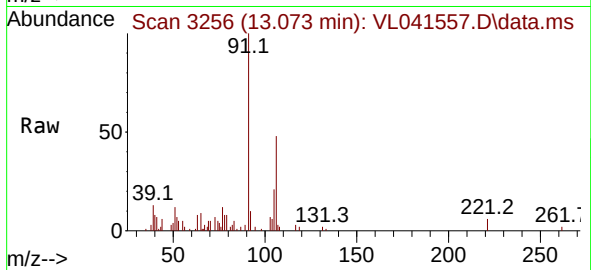
#60
o-Xylene
Concen: 0.147 ppbv m
RT: 13.073 min Scan# 3256
Delta R.T. -0.006 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion: 91 Resp: 3271
Ion Ratio Lower Upper
91 100
106 49.3 23.1 69.3

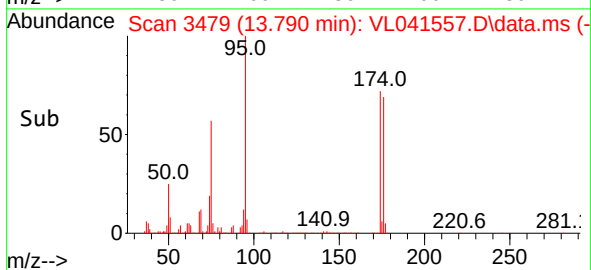
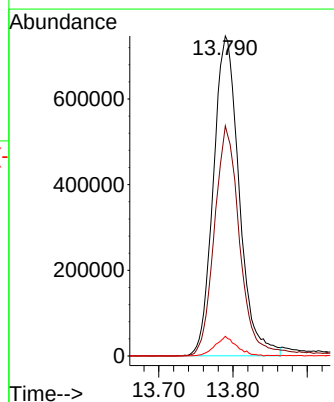
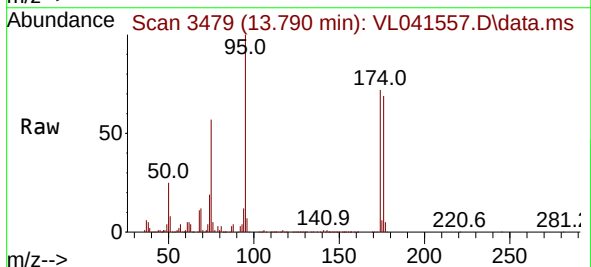
Manual Integrations
APPROVED

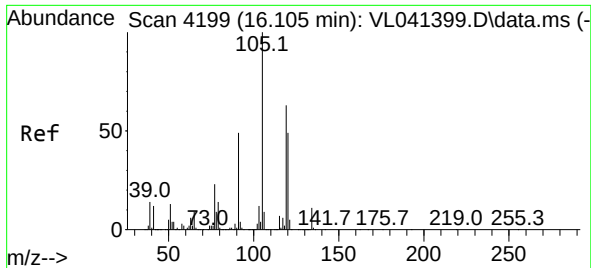
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.905 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. -0.010 min
Lab File: VL041557.D
Acq: 19 Aug 2024 21:36

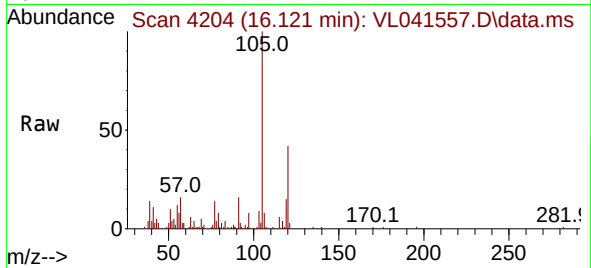
Tgt Ion: 95 Resp: 1804911
Ion Ratio Lower Upper
95 100
174 72.7 56.3 84.5
175 5.3 4.0 6.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.202 ppbv
 RT: 16.121 min Scan# 4199
 Delta R.T. -0.006 min
 Lab File: VL041557.D
 Acq: 19 Aug 2024 21:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL



Tgt Ion:	105	Resp:	53062
Ion Ratio	Lower	Upper	
105	100		
120	41.8	39.5	59.3
91	16.0	39.8	59.8
77	13.6	18.2	27.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

