

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041318.D
 Acq On : 5 Jun 2024 00:35
 Operator : SY/MD
 Sample : P2682-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 05:32:44 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	969077	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2539043	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2320552	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1825524	10.189	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
9) Propene	2.729	41	106109m	1.945	ppbv	
10) Heptane	7.577	43	78867m	0.610	ppbv	
20) Methylene Chloride	3.954	84	14134	0.351	ppbv #	81
26) Hexane	5.221	57	106758	1.085	ppbv #	41
30) Cyclohexane	6.613	84	25355m	0.318	ppbv	
34) 2-Butanone	4.822	43	22610	0.186	ppbv	93
36) Benzene	6.375	78	28379	0.144	ppbv #	95
52) Tetrachloroethene	10.613	164	3571m	0.050	ppbv	
53) Toluene	9.220	91	392351	1.733	ppbv	100
58) Ethyl Benzene	12.082	91	26524m	0.089	ppbv	
59) m/p-Xylene	12.346	91	116848m	0.458	ppbv	
60) o-Xylene	13.053	91	46952	0.193	ppbv	96

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

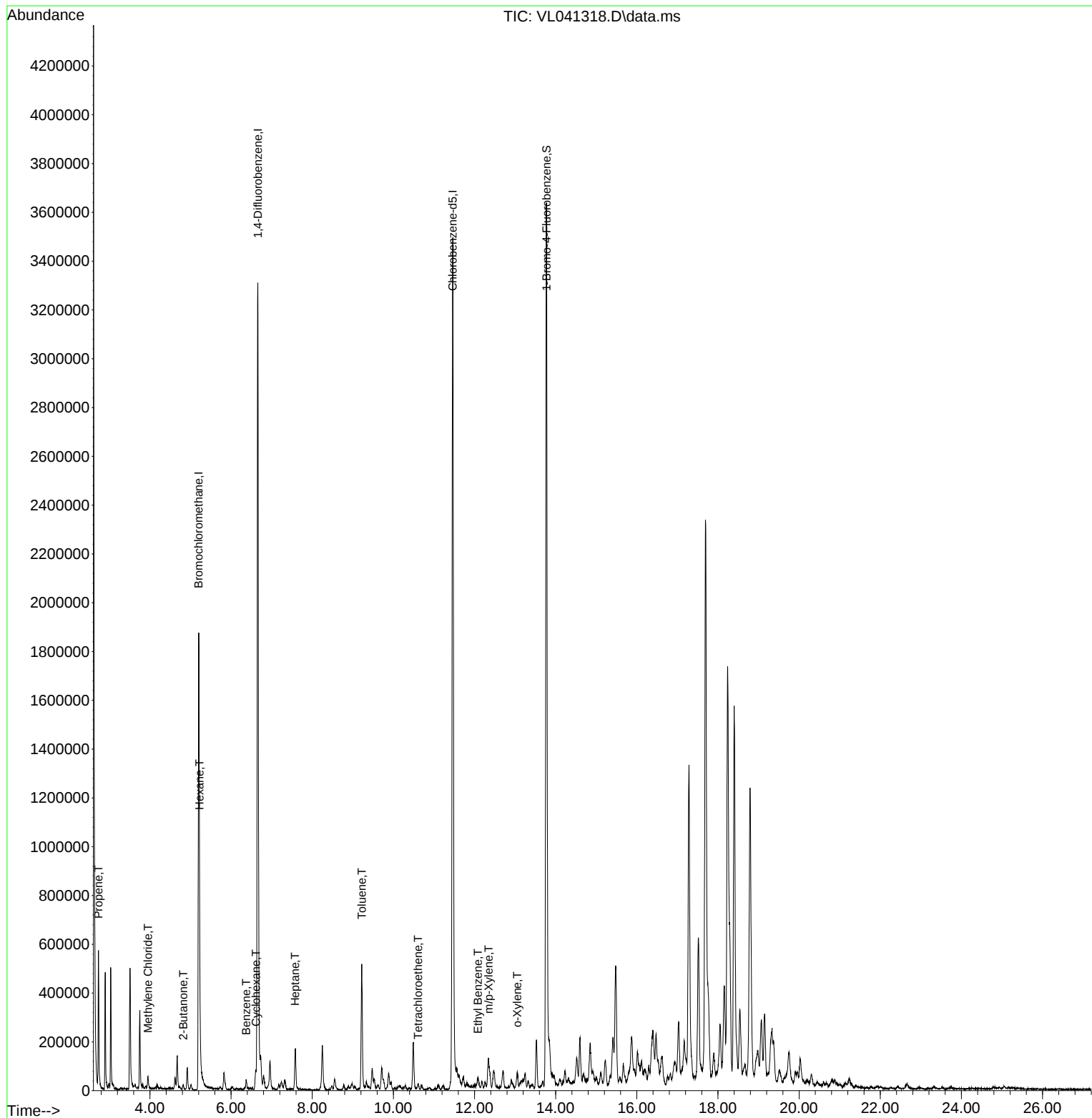
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041318.D
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Misc : 400mL/MSVOA_L
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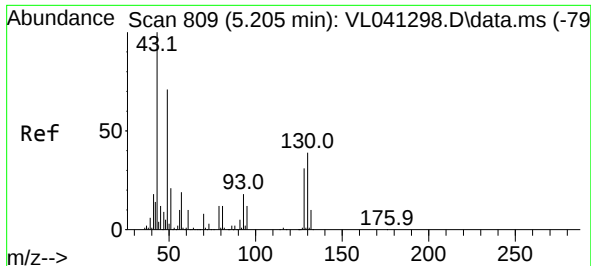
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Jun 05 05:32:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

Manual Integrations
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Supervised By : Mahesh Dadoda 06/05/2024





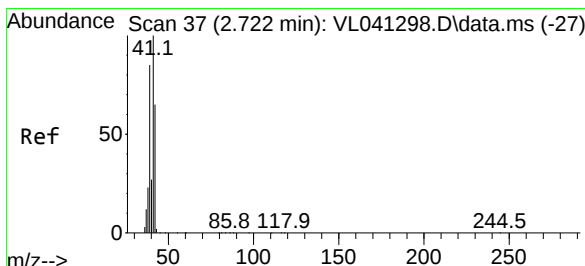
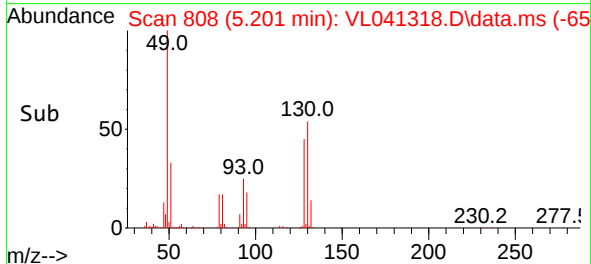
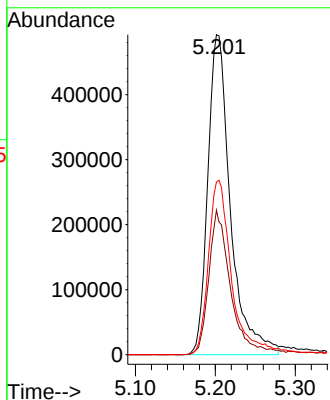
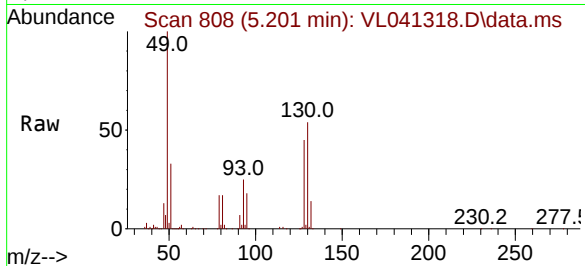
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 96907
Ion Ratio Lower Upper
49 100
128 45.2 22.8 68.3
130 58.0 28.4 85.3

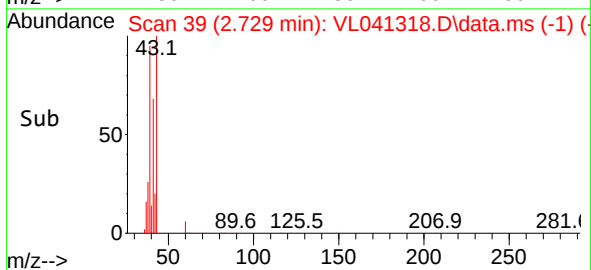
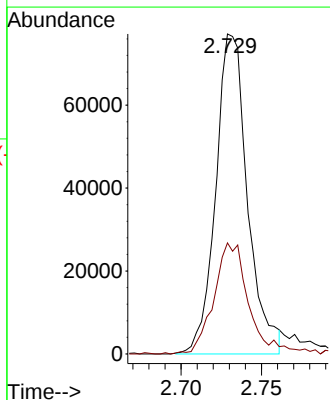
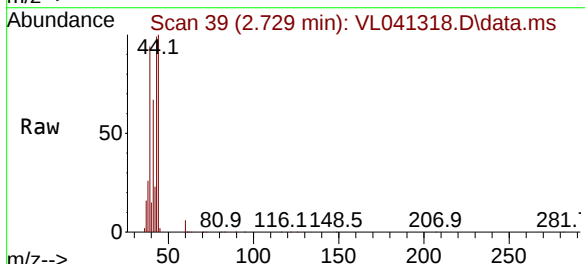
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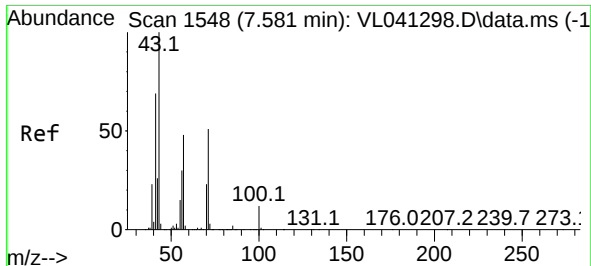
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#9
Propene
Concen: 1.945 ppbv m
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Tgt Ion: 41 Resp: 106109
Ion Ratio Lower Upper
41 100
42 85.1 55.2 82.8#





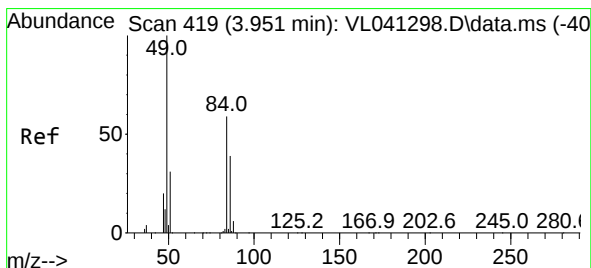
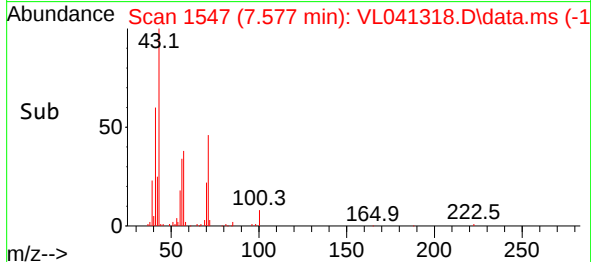
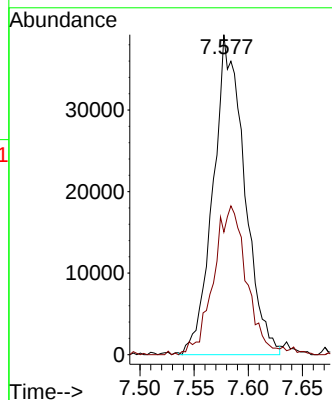
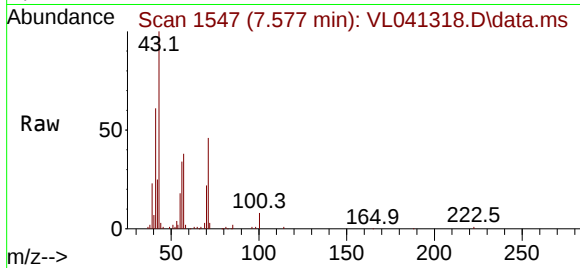
#10
Heptane
Concen: 0.610 ppbv m
RT: 7.577 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
57 0.0 39.0 58.4

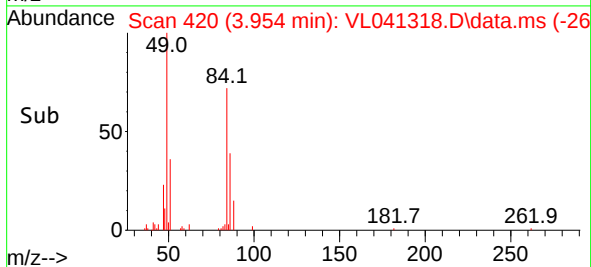
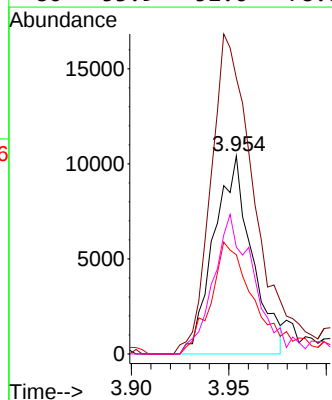
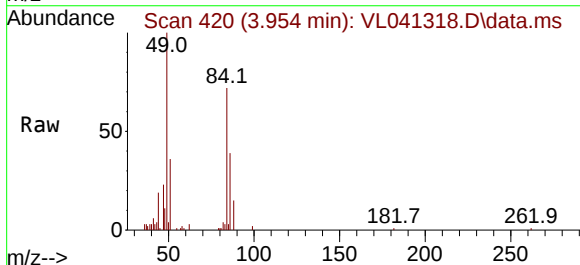
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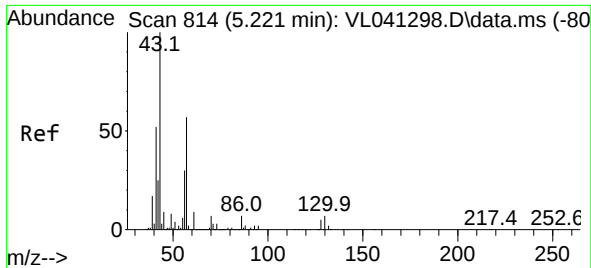
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#20
Methylene Chloride
Concen: 0.351 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

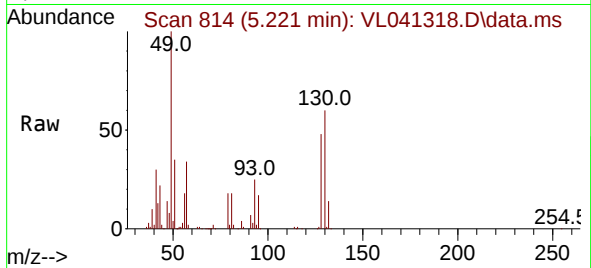
Tgt Ion: 84 Resp: 14134
Ion Ratio Lower Upper
84 100
49 134.7 136.2 204.2#
51 50.1 41.9 62.9
86 53.9 52.6 78.8





#26
Hexane
Concen: 1.085 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

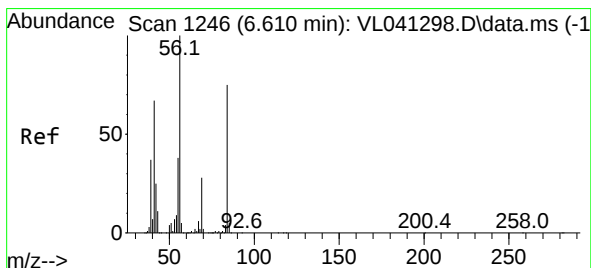
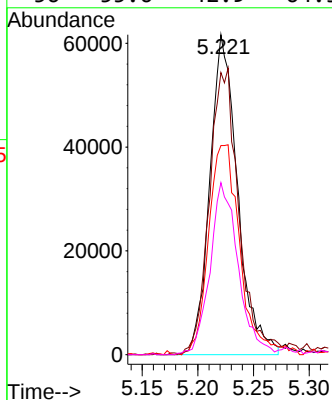
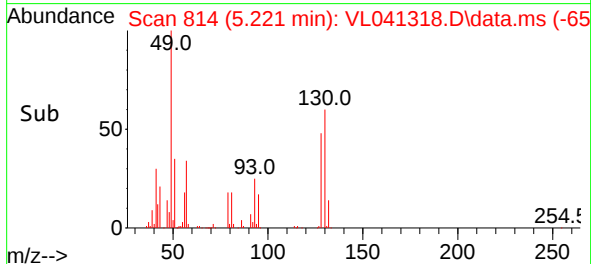
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 106758
Ion Ratio Lower Upper
57 100
41 98.9 77.1 115.7
43 74.4 186.1 279.1
56 55.6 42.9 64.3

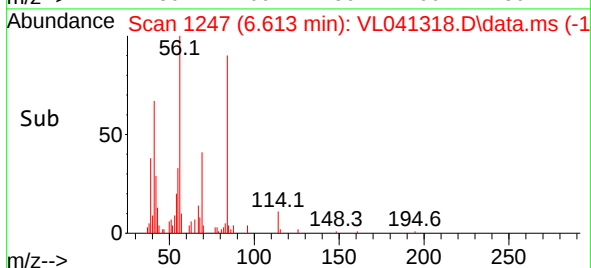
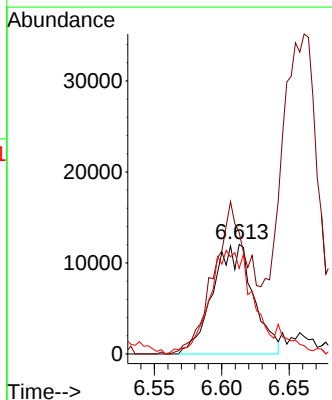
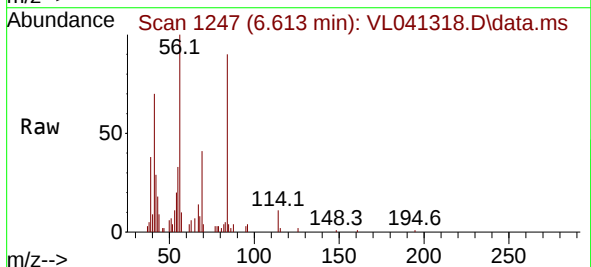
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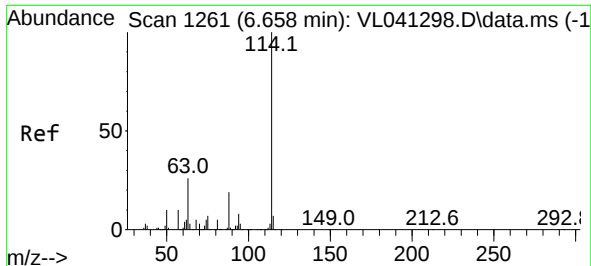
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#30
Cyclohexane
Concen: 0.318 ppbv m
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Tgt Ion: 84 Resp: 25355
Ion Ratio Lower Upper
84 100
56 114.6 114.9 172.3
41 109.0 74.4 111.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041318.D

Acq: 5 Jun 2024 00:35

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 253904

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

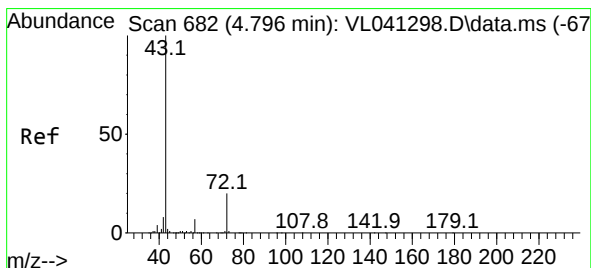
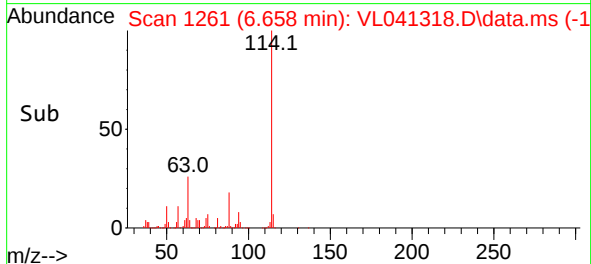
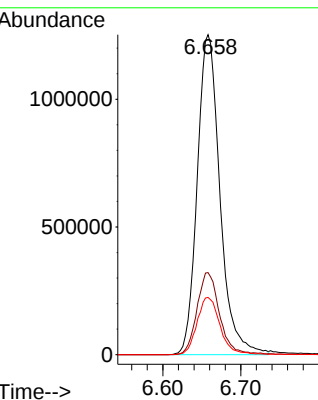
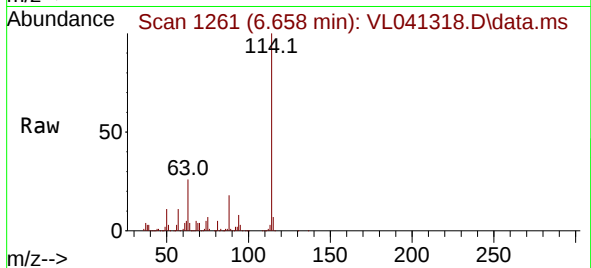
88 18.3 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 0.186 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.026 min

Lab File: VL041318.D

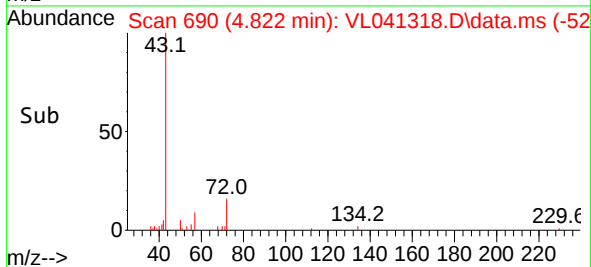
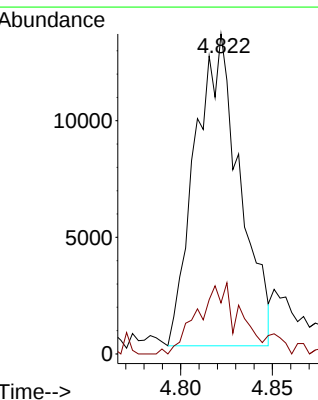
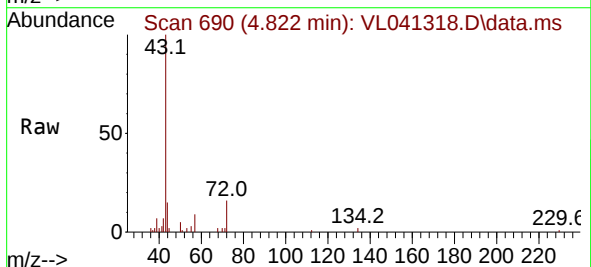
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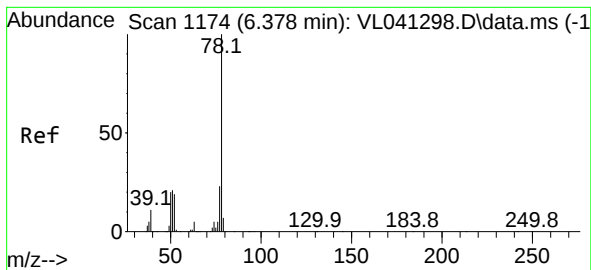
Tgt Ion: 43 Resp: 22610

Ion Ratio Lower Upper

43 100

72 25.2 17.4 26.0





#36

Benzene

Concen: 0.144 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. -0.003 min

Lab File: VL041318.D

Acq: 5 Jun 2024 00:35

Instrument :

MSVOA_L

ClientSampleId :

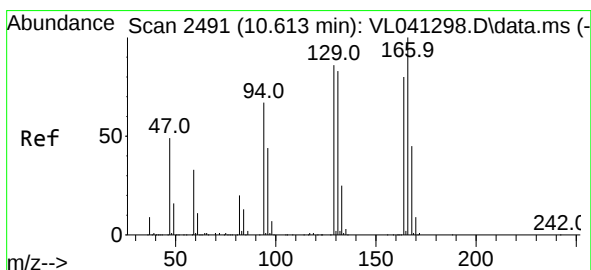
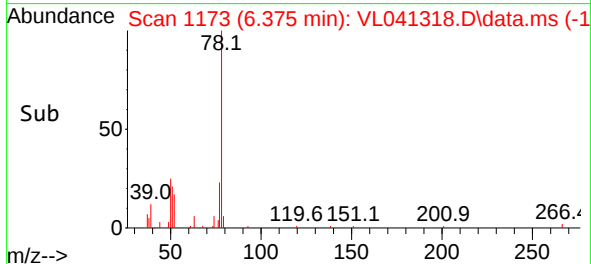
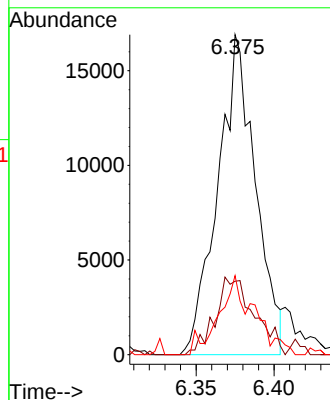
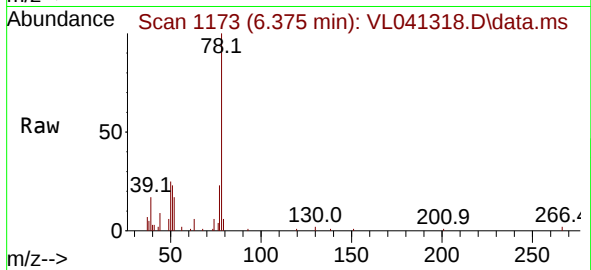
SV1DL

Tgt Ion: 78	Resp: 28379
Ion Ratio	Lower Upper
78 100	
77 23.0	18.6 28.0
50 24.7	16.0 24.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#52

Tetrachloroethene

Concen: 0.050 ppbv m

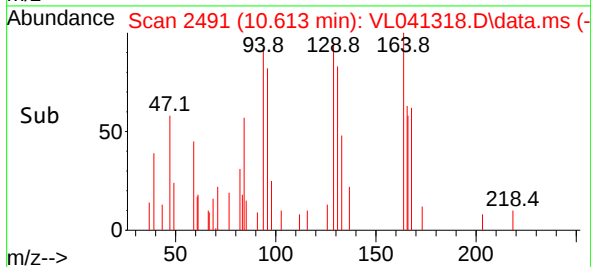
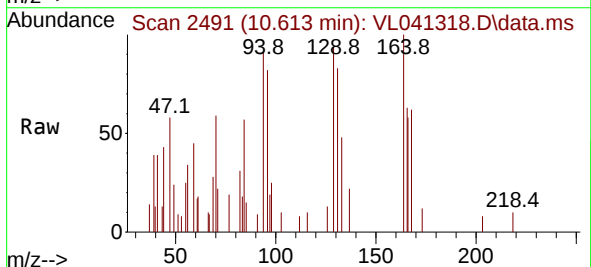
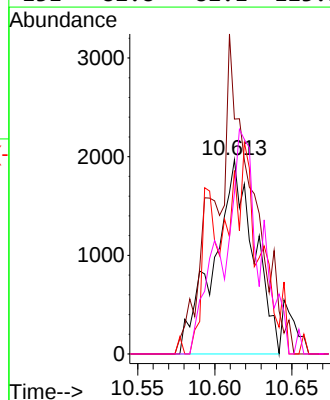
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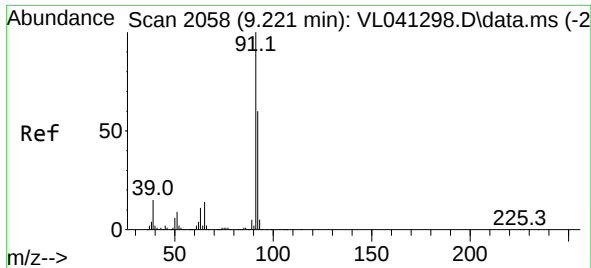
Delta R.T. -0.000 min

Lab File: VL041318.D

Acq: 5 Jun 2024 00:35

Tgt	Ion:164	Resp:	3571
Ion	Ratio	Lower	Upper
164	100		
166	62.8	99.4	149.0#
129	94.4	85.4	128.2
131	82.8	82.1	123.1





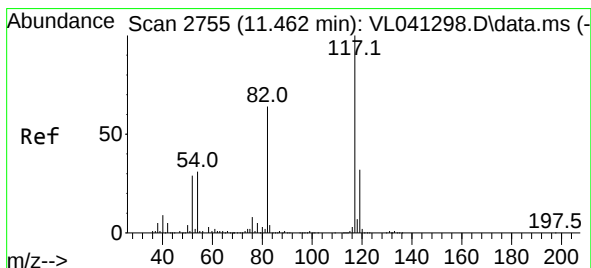
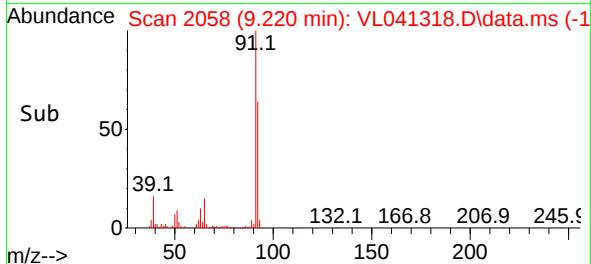
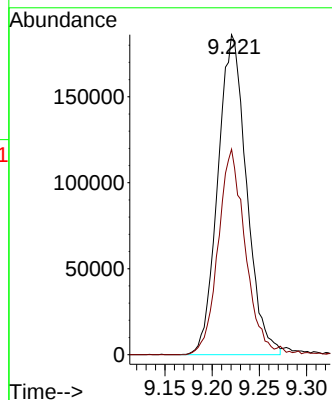
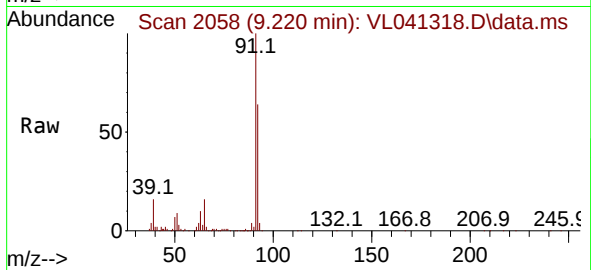
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Toluene
Concen: 1.733 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Instrument :
MSVOA_L
Client Sample Id :
SV1DL

Tgt Ion: 91 Resp: 39235
Ion Ratio Lower Upper
91 100
92 61.7 49.2 73.8

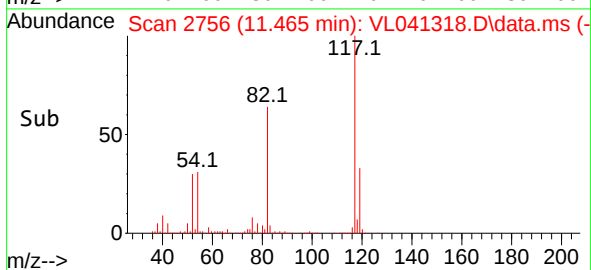
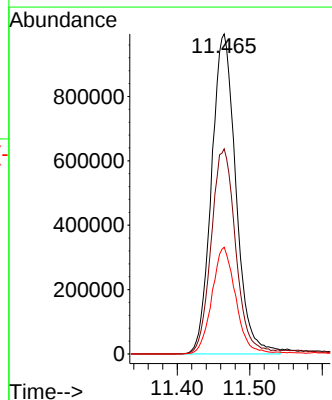
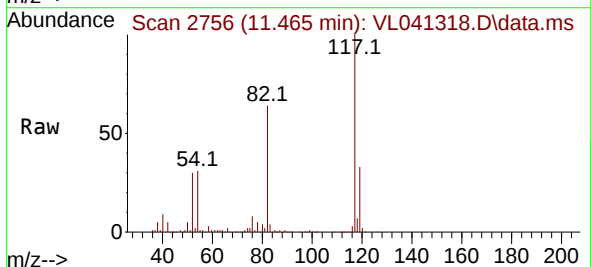
Manual Integrations
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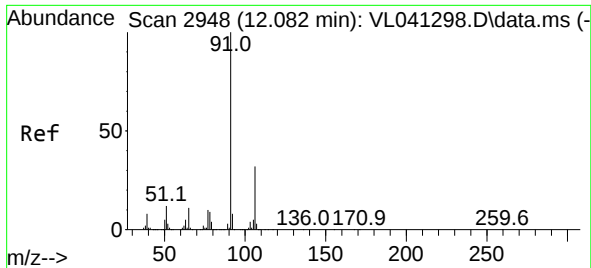
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Tgt Ion:117 Resp: 2320552
Ion Ratio Lower Upper
117 100
82 67.0 52.3 78.5
119 32.9 26.2 39.2





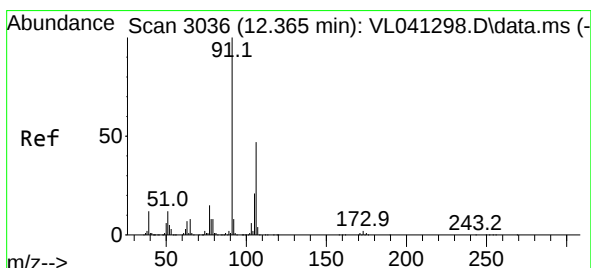
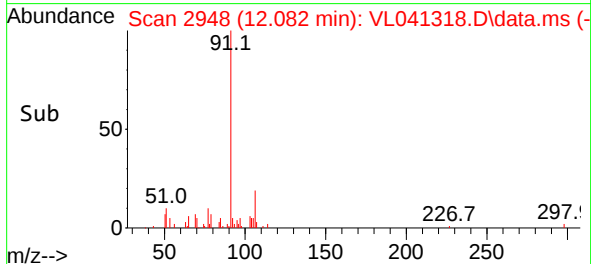
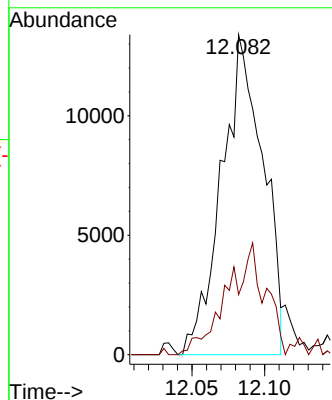
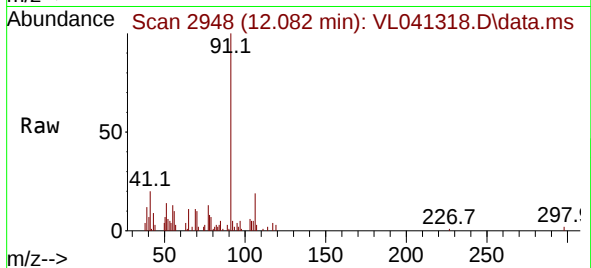
#58
Ethyl Benzene
Concen: 0.089 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 26524
Ion Ratio Lower Upper
91 100
106 18.8 25.5 38.3

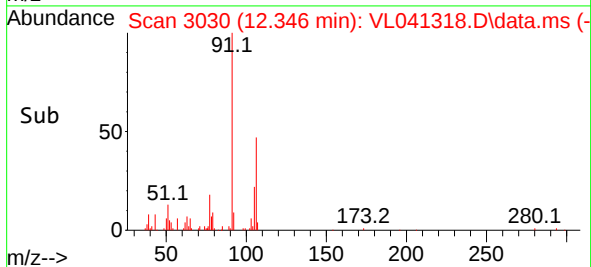
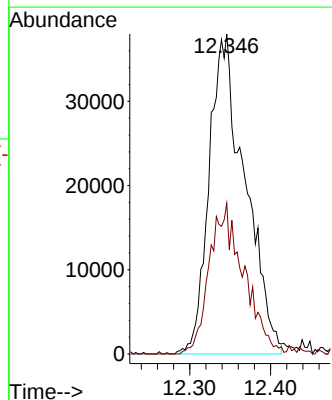
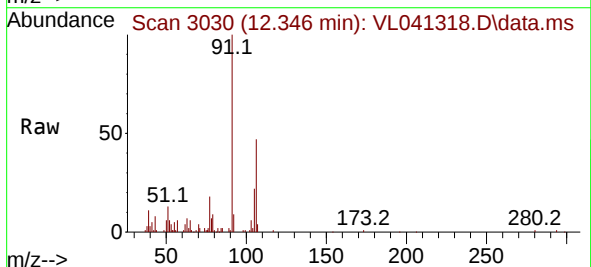
Manual Integrations
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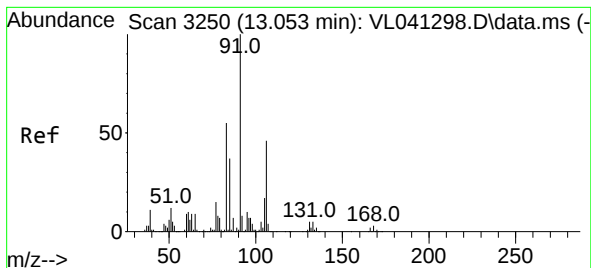
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#59
m/p-Xylene
Concen: 0.458 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. -0.019 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Tgt Ion: 91 Resp: 116848
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5





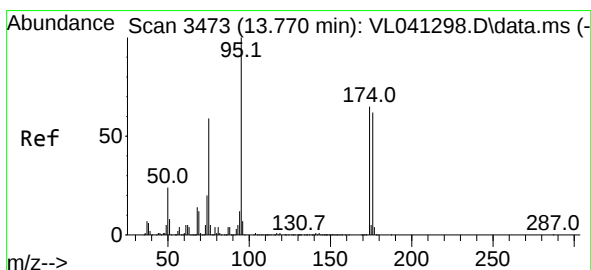
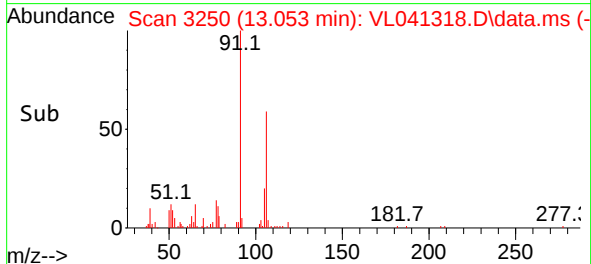
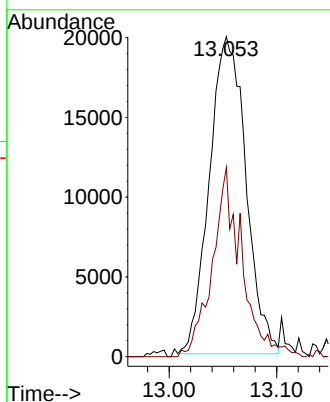
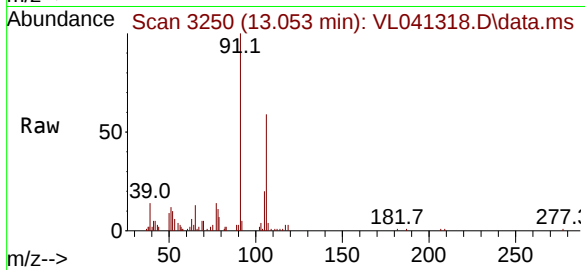
#60
o-Xylene
Concen: 0.193 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 46952
Ion Ratio Lower Upper
91 100
106 47.9 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.189 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL041318.D
Acq: 5 Jun 2024 00:35

Tgt Ion: 95 Resp: 1825524
Ion Ratio Lower Upper
95 100
174 66.4 52.2 78.2
175 4.9 4.1 6.1

