

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041113.D
 Acq On : 14 Mar 2024 19:01
 Operator : SY/MD
 Sample : P1748-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:50:03 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	1352329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3483133	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3085141	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2394608	9.927	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	511597	7.735	ppbv	97
13) Ethanol	3.253	45	13073m	0.742	ppbv	
15) Acetone	3.462	43	779666	5.061	ppbv #	78
20) Methylene Chloride	3.925	84	32598	0.543	ppbv #	89
26) Hexane	5.208	57	31081	0.251	ppbv #	1
27) Carbon Disulfide	4.118	76	161835	1.088	ppbv #	93
34) 2-Butanone	4.780	43	1472982	8.541	ppbv	100
44) 2,2,4-Trimethylpentane	7.324	57	48677	0.112	ppbv #	81
51) 2-Hexanone	9.562	43	173142	0.929	ppbv #	93
52) Tetrachloroethene	10.610	164	15653m	0.195	ppbv	
53) Toluene	9.214	91	82481	0.295	ppbv	99
59) m/p-Xylene	12.340	91	80544m	0.254	ppbv	
60) o-Xylene	13.053	91	36771m	0.122	ppbv	

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

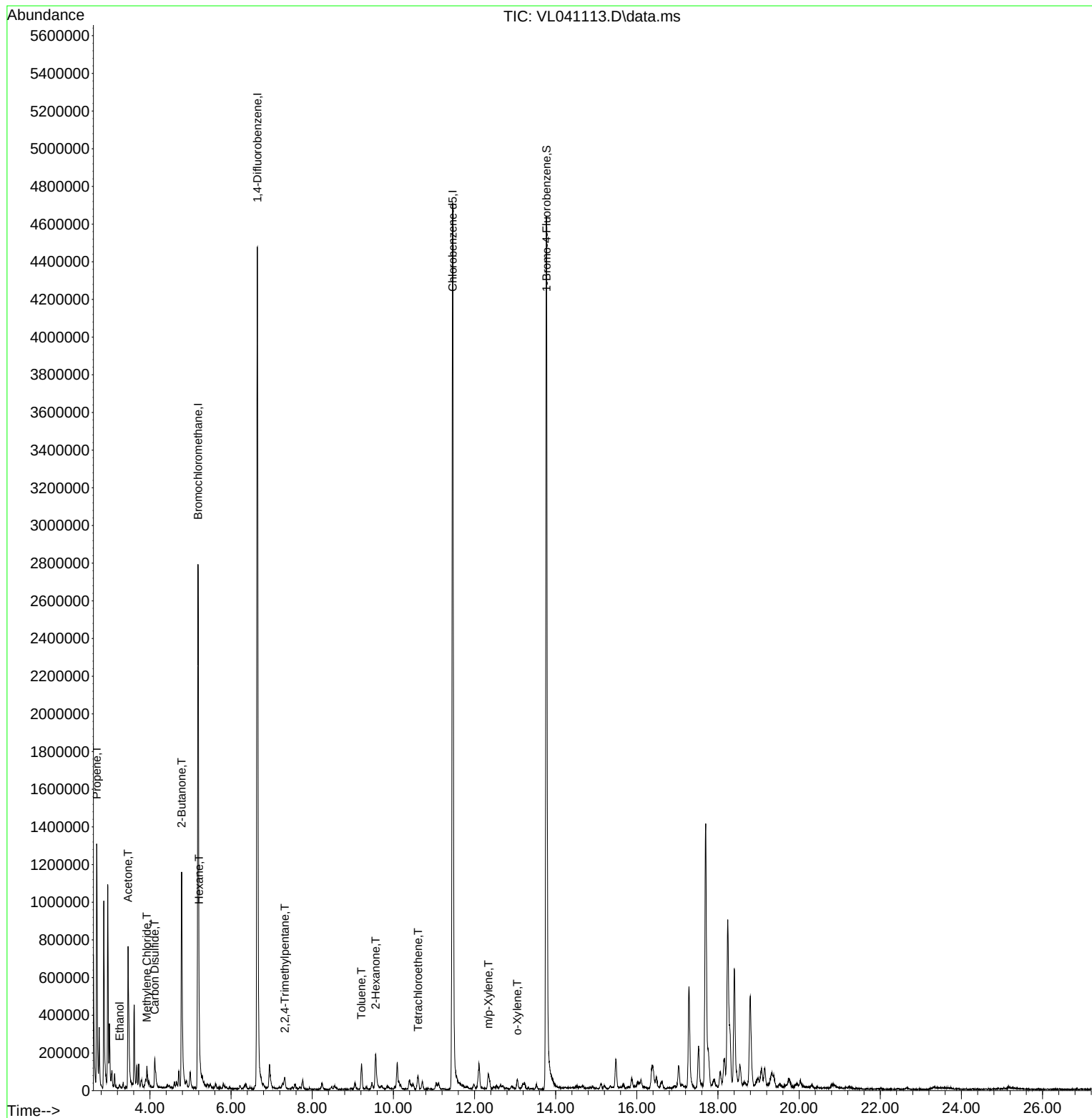
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041113.D
Acq On : 14 Mar 2024 19:01
Operator : SY/MD
Sample : P1748-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

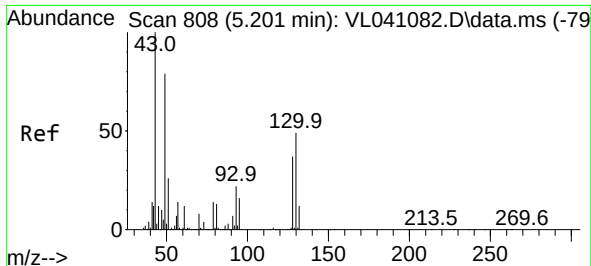
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Quant Time: Mar 15 02:50:03 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
APPROVED

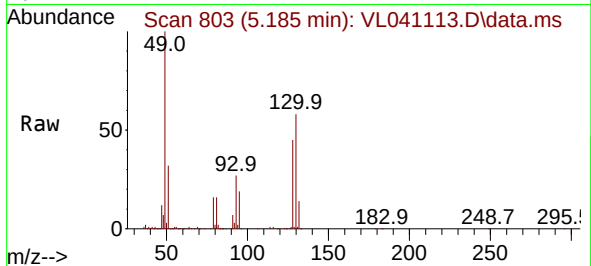
Reviewed By : Semsettin Yesilyurt 03/18/2024
Supervised By : Mahesh Dadoda 03/18/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

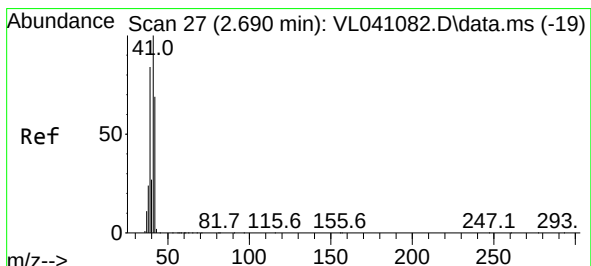
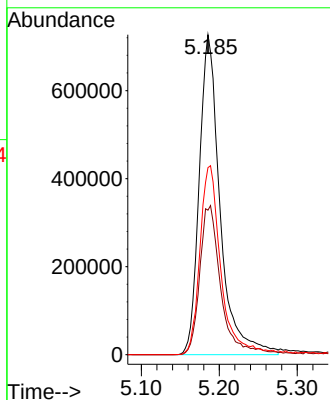
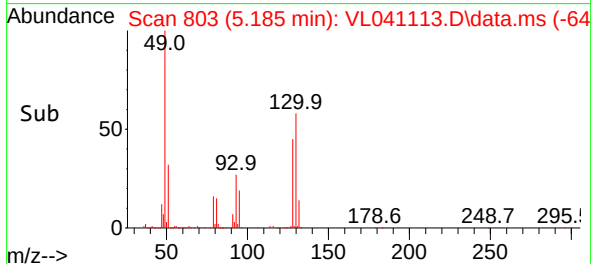
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



Tgt Ion: 49 Resp: 1352329
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.5
130 60.7 30.3 90.9

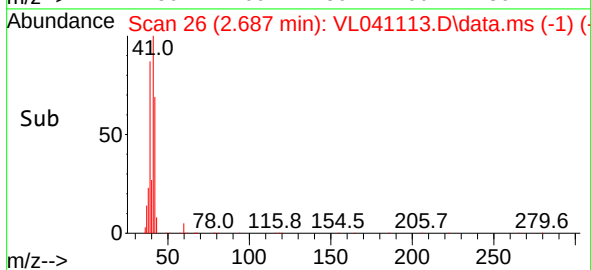
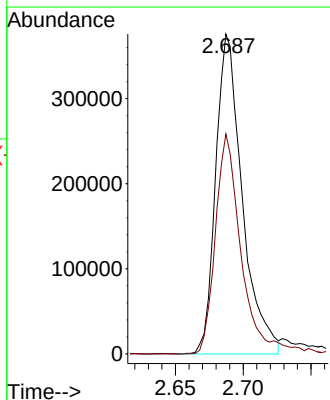
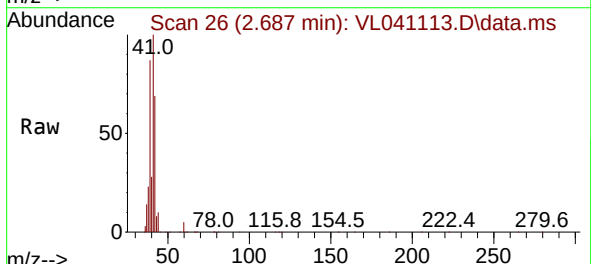
Manual Integrations
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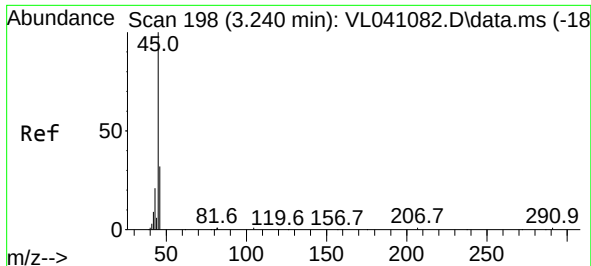
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 7.735 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

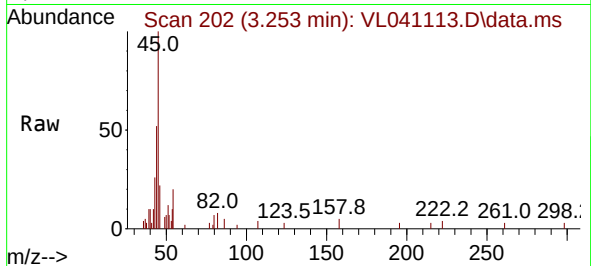
Tgt Ion: 41 Resp: 511597
Ion Ratio Lower Upper
41 100
42 67.2 55.9 83.9





#13
Ethanol
Concen: 0.742 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

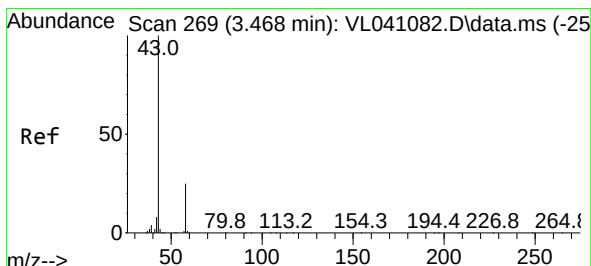
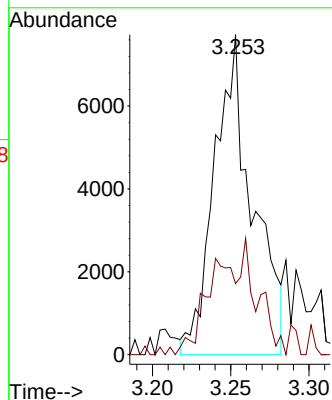
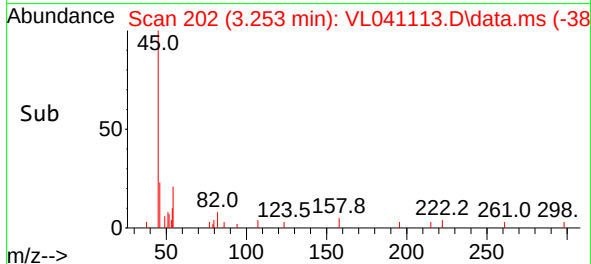
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



Tgt Ion: 45 Resp: 1307
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

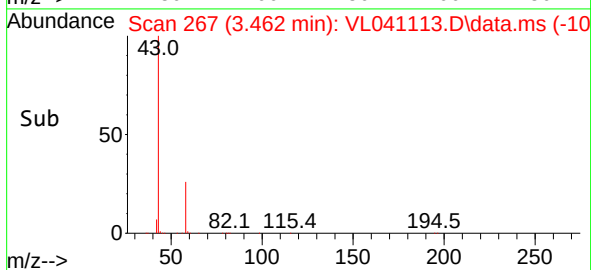
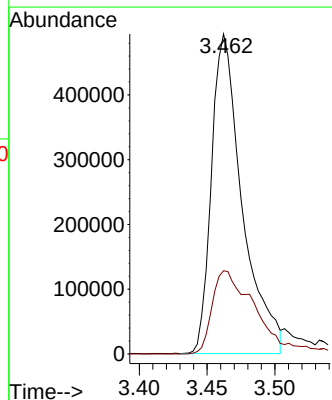
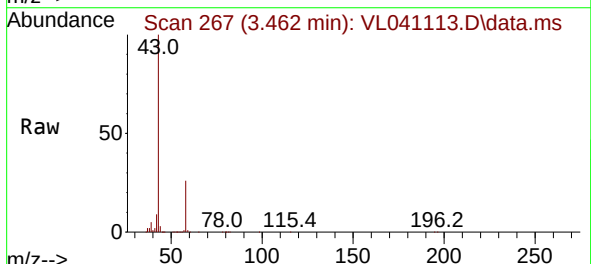
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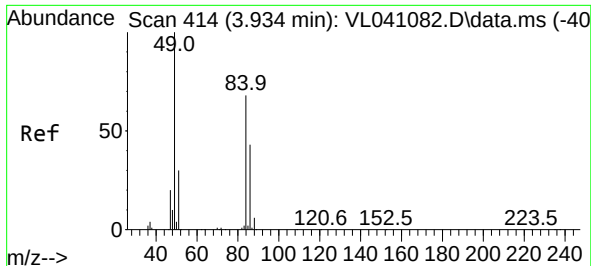
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#15
Acetone
Concen: 5.061 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

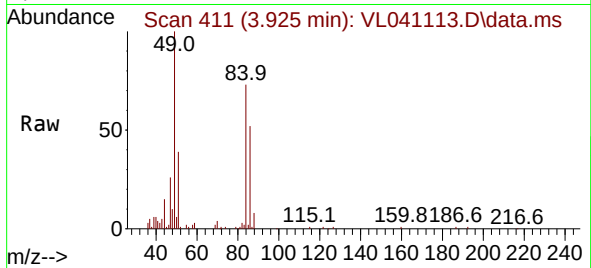
Tgt Ion: 43 Resp: 779666
Ion Ratio Lower Upper
43 100
58 38.5 21.7 32.5





#20
Methylene Chloride
Concen: 0.543 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

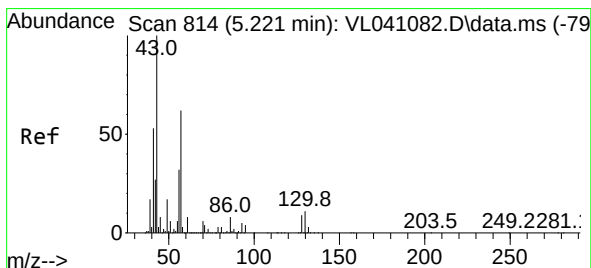
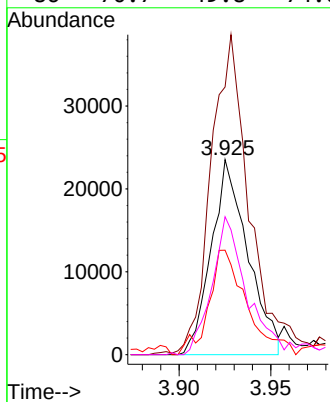
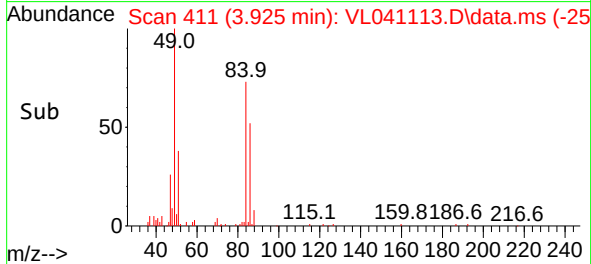
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



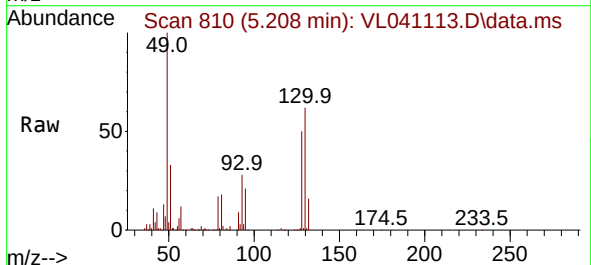
Tgt Ion: 84 Resp: 32598
Ion Ratio Lower Upper
84 100
49 135.2 117.0 175.6
51 53.5 34.9 52.3
86 70.7 49.8 74.6

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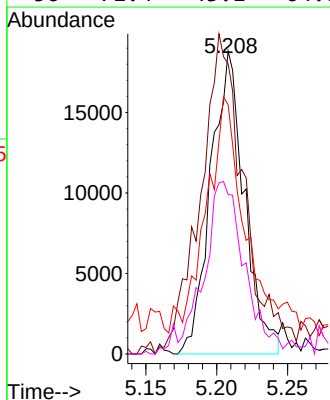
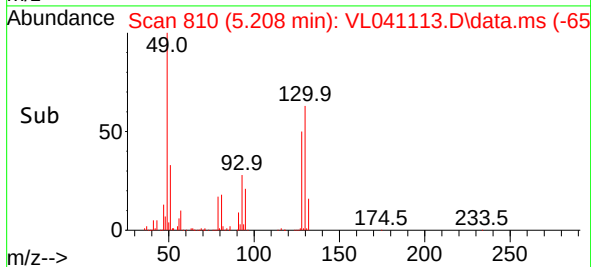
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

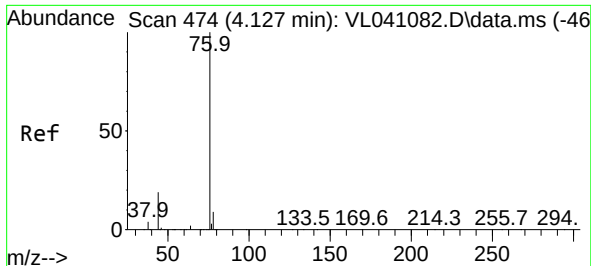


#26
Hexane
Concen: 0.251 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01



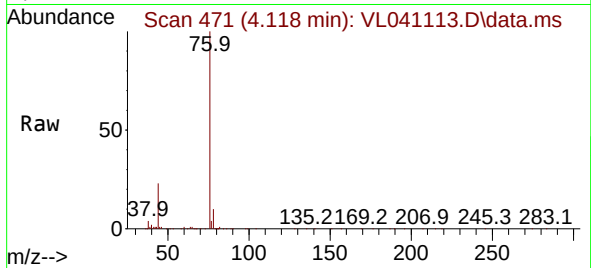
Tgt Ion: 57 Resp: 31081
Ion Ratio Lower Upper
57 100
41 137.3 73.8 110.6#
43 0.0 184.2 276.2#
56 71.4 43.1 64.7#





#27
Carbon Disulfide
Concen: 1.088 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

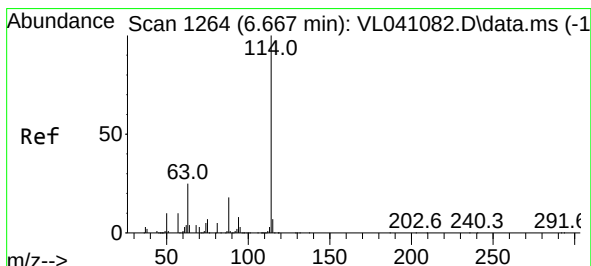
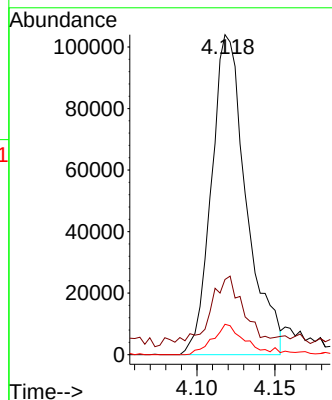
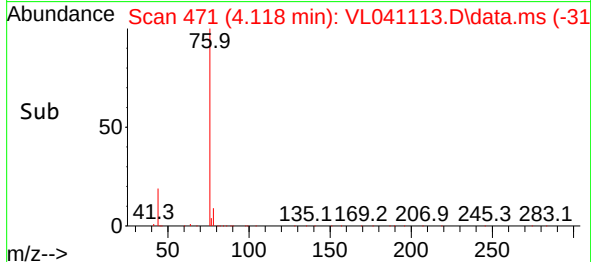
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



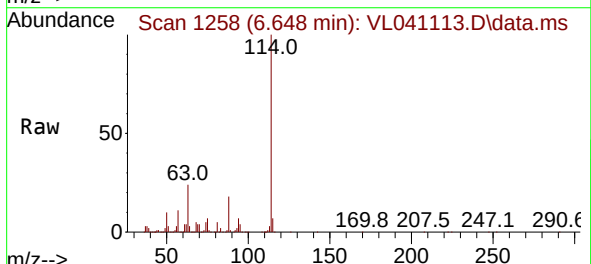
Tgt Ion: 76 Resp: 161835
Ion Ratio Lower Upper
76 100
44 24.1 16.0 24.0
78 10.0 7.5 11.3

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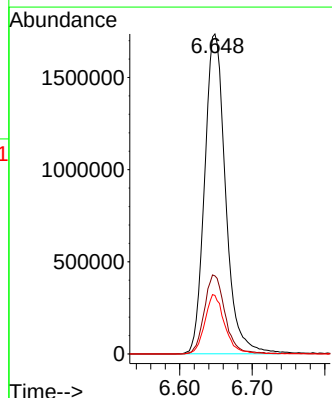
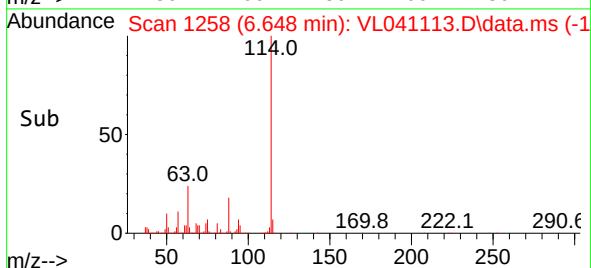
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

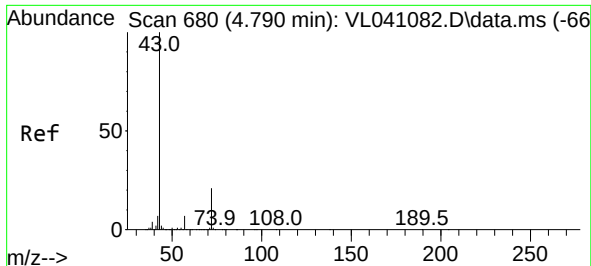


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01



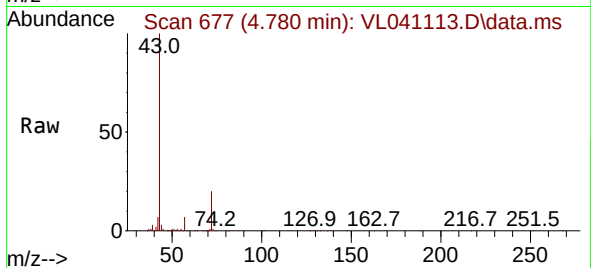
Tgt Ion:114 Resp: 3483133
Ion Ratio Lower Upper
114 100
63 24.8 21.0 31.6
88 17.8 14.6 22.0





#34
2-Butanone
Concen: 8.541 ppbv
RT: 4.780 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

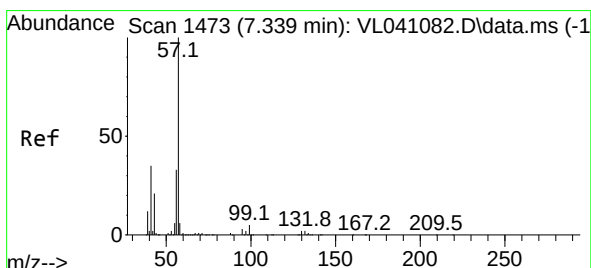
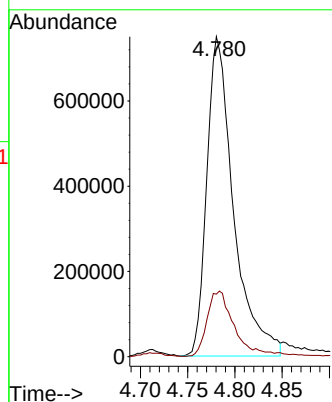
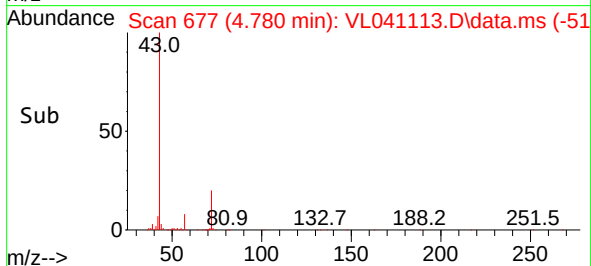
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



Tgt Ion: 43 Resp: 147298
Ion Ratio Lower Upper
43 100
72 21.9 17.4 26.0

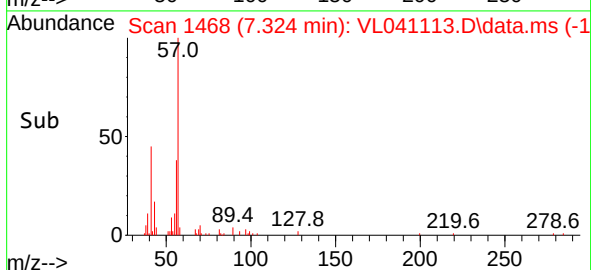
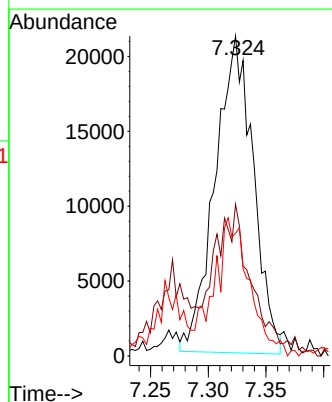
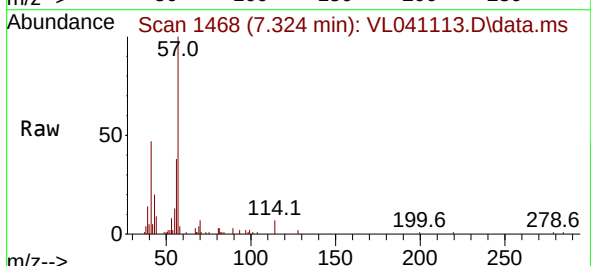
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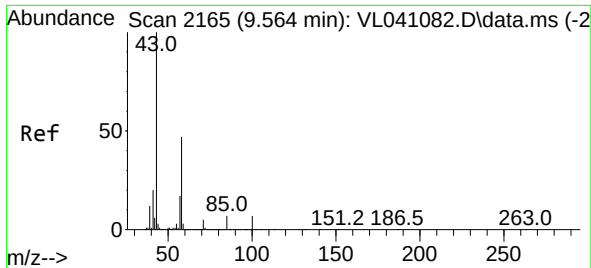
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#44
2,2,4-Trimethylpentane
Concen: 0.112 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

Tgt Ion: 57 Resp: 48677
Ion Ratio Lower Upper
57 100
41 49.1 28.0 42.0#
56 39.4 25.7 38.5#





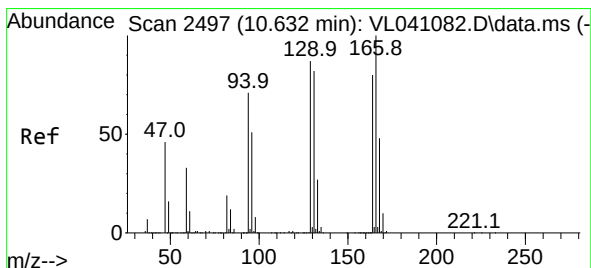
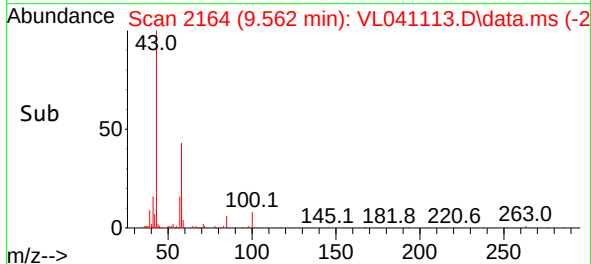
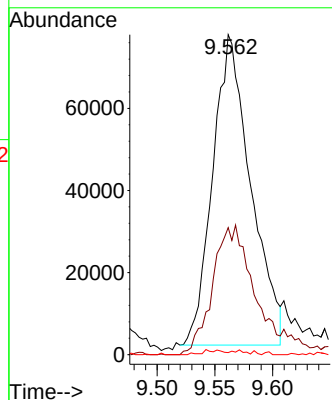
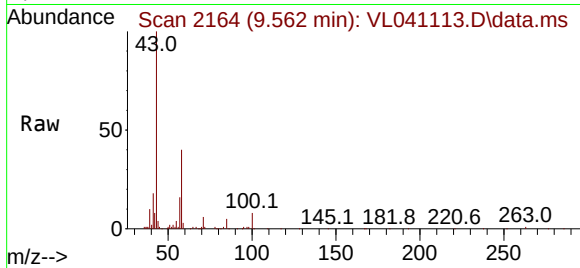
#51
2-Hexanone
Concen: 0.929 ppbv
RT: 9.562 min Scan# 2165
Delta R.T. 0.023 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tgt Ion: 43 Resp: 17314
Ion Ratio Lower Upper
43 100
58 51.8 37.4 56.2
98 1.6 0.4 0.6

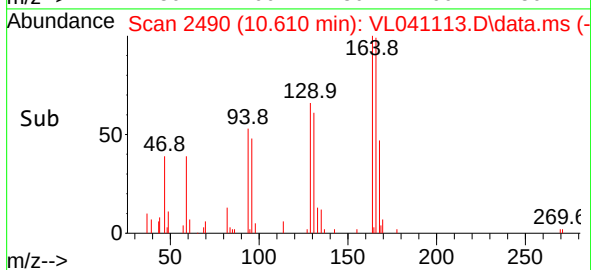
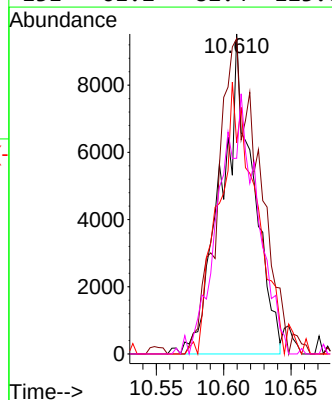
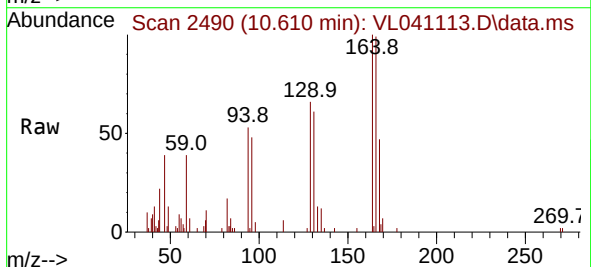
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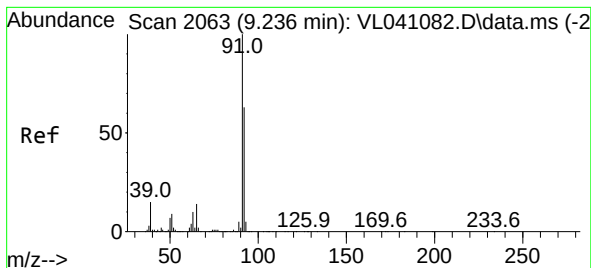
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#52
Tetrachloroethene
Concen: 0.195 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

Tgt Ion:164 Resp: 15653
Ion Ratio Lower Upper
164 100
166 98.5 100.6 150.8#
129 66.0 87.2 130.8#
131 61.2 82.4 123.6#





#53

Toluene

Concen: 0.295 ppbv

RT: 9.214 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VL041113.D

Acq: 14 Mar 2024 19:01

Instrument :

MSVOA_L

ClientSampleId :

SVP-01DL

Tgt Ion: 91 Resp: 8248

Ion Ratio Lower Upper

91 100

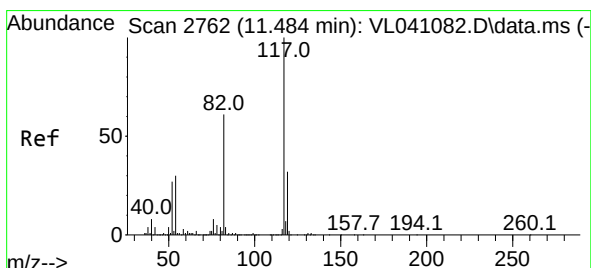
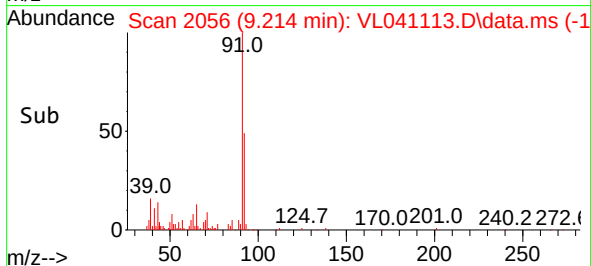
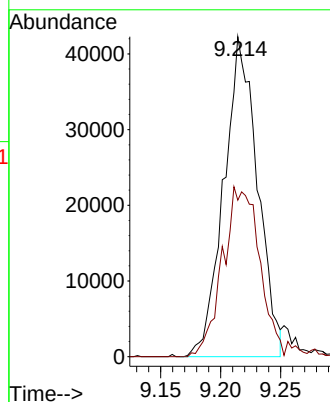
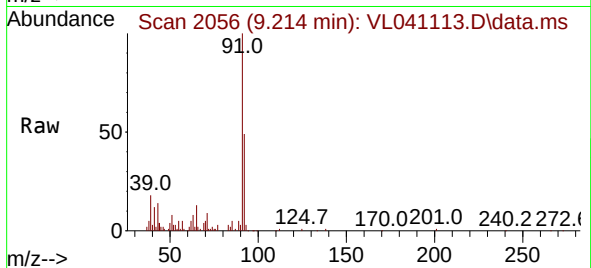
92 60.4 48.9 73.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

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: VL041113.D

Acq: 14 Mar 2024 19:01

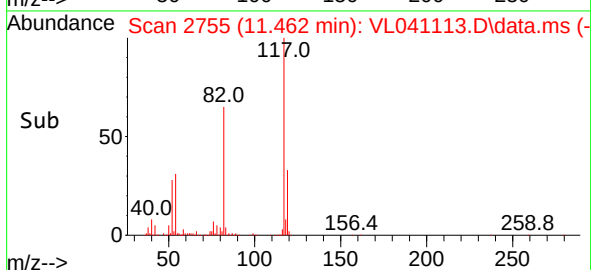
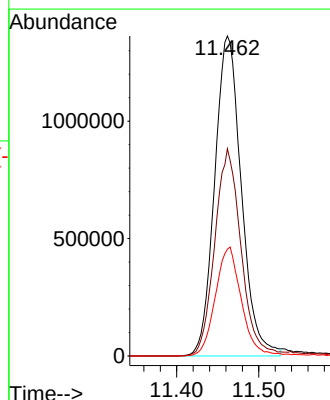
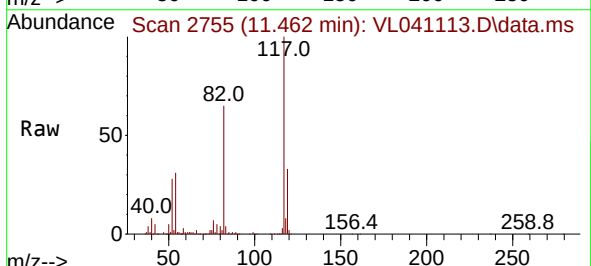
Tgt Ion:117 Resp: 3085141

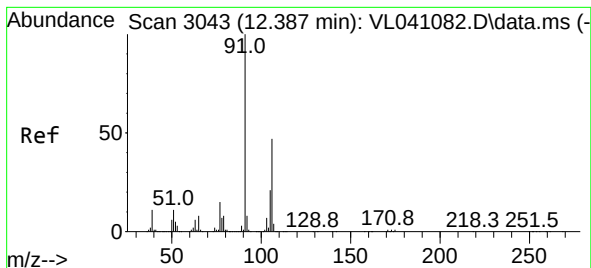
Ion Ratio Lower Upper

117 100

82 65.9 51.4 77.2

119 33.3 23.7 35.5





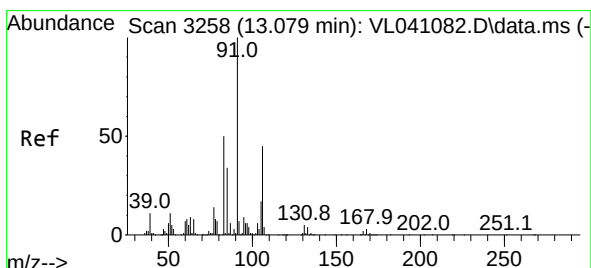
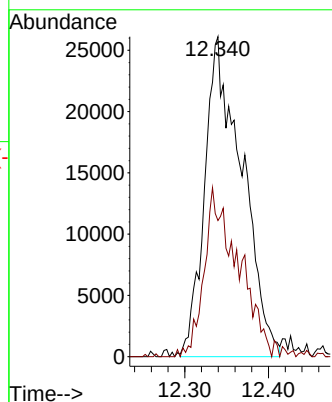
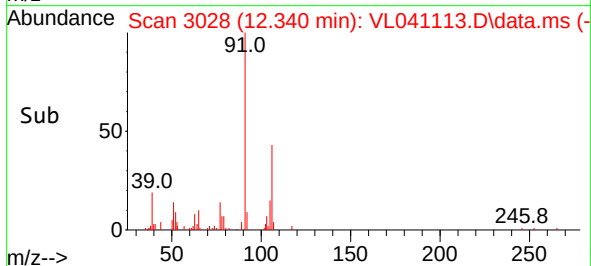
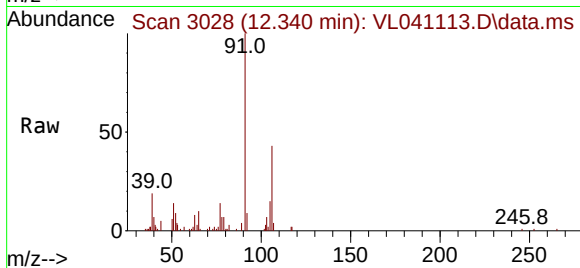
#59
m/p-Xylene
Concen: 0.254 ppbv m
RT: 12.340 min Scan# 3043
Delta R.T. -0.023 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tgt Ion: 91 Resp: 80544
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

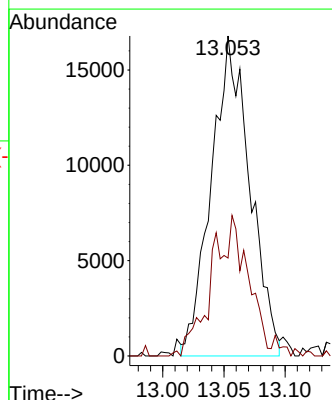
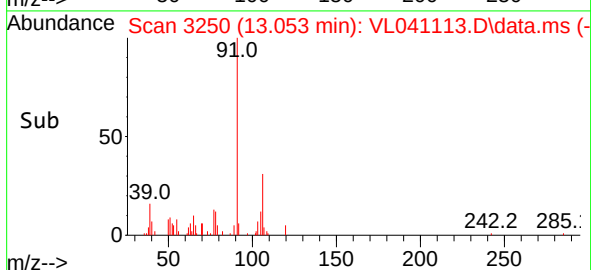
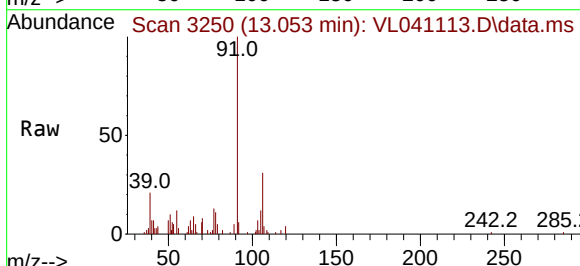
Manual Integrations
APPROVED

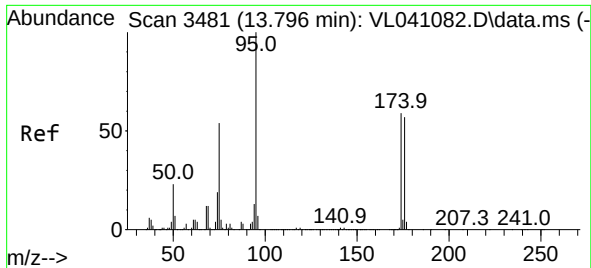
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#60
o-Xylene
Concen: 0.122 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL041113.D
Acq: 14 Mar 2024 19:01

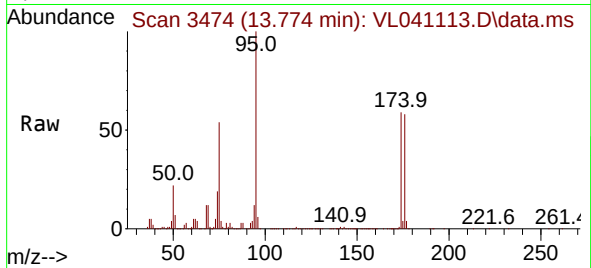
Tgt Ion: 91 Resp: 36771
Ion Ratio Lower Upper
91 100
106 43.1 22.4 67.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.927 ppbv
 RT: 13.774 min Scan# 3481
 Delta R.T. 0.010 min
 Lab File: VL041113.D
 Acq: 14 Mar 2024 19:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL



Tgt Ion: 95 Resp: 2394608
 Ion Ratio Lower Upper
 95 100
 174 62.2 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

