

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040298.D
 Acq On : 16 Mar 2023 16:36
 Operator : SY/MD
 Sample : 01933-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 04:15:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1100035	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2790686	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2524618	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2093284	9.901	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
13) Ethanol	3.240	45	220857	56.826	ppbv	96
15) Acetone	3.472	43	168842	1.261	ppbv	97
20) Methylene Chloride	3.935	84	483642	8.584	ppbv	97
26) Hexane	5.211	57	237650	2.309	ppbv #	39
34) 2-Butanone	4.796	43	55393m	0.402	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	79218	0.223	ppbv #	82
52) Tetrachloroethene	10.616	164	6263m	0.097	ppbv	
53) Toluene	9.224	91	207501	0.931	ppbv	100
58) Ethyl Benzene	12.098	91	52107	0.181	ppbv	90
59) m/p-Xylene	12.359	91	197648m	0.751	ppbv	
60) o-Xylene	13.066	91	75785m	0.301	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	50118	0.176	ppbv #	73

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

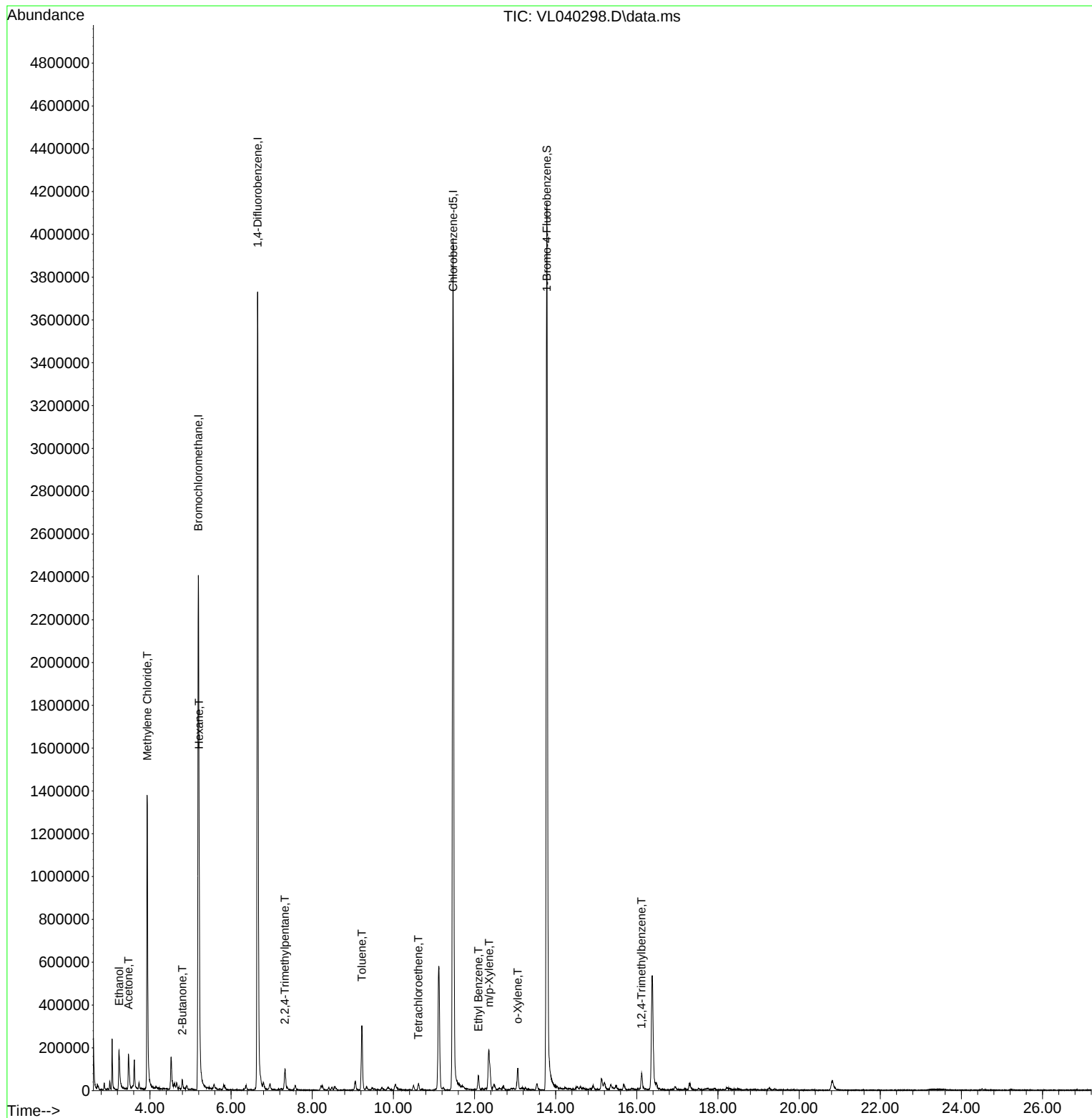
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
Data File : VL040298.D
Acq On : 16 Mar 2023 16:36
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Misc : 400mL/MSVOA_L
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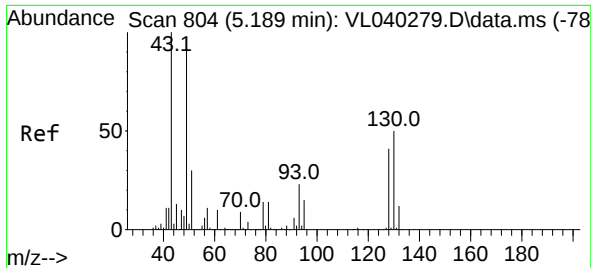
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3DL

Quant Time: Mar 17 04:15:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

Manual Integrations
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Supervised By :Mahesh Dadoda 03/17/2023





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 804

Delta R.T. 0.003 min

Lab File: VL040298.D

Acq: 16 Mar 2023 16:36

Instrument :

MSVOA_L

ClientSampleId :

SSSG-3DL

Tgt Ion: 49 Resp: 110003

Ion Ratio Lower Upper

49 100

128 48.0 22.4 67.3

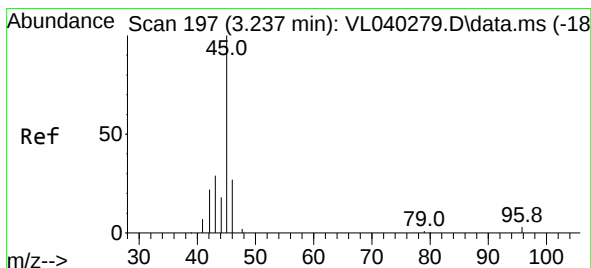
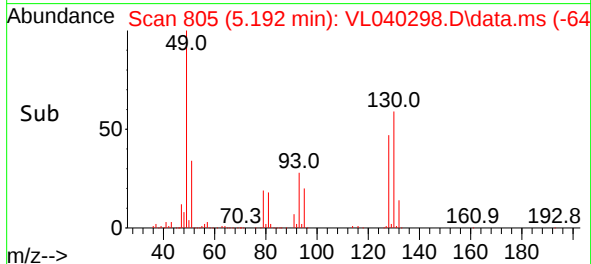
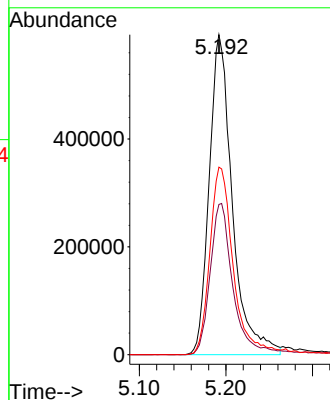
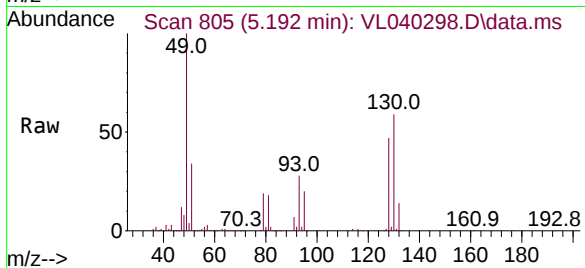
130 61.7 28.7 86.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#13

Ethanol

Concen: 56.826 ppbv

RT: 3.240 min Scan# 198

Delta R.T. 0.003 min

Lab File: VL040298.D

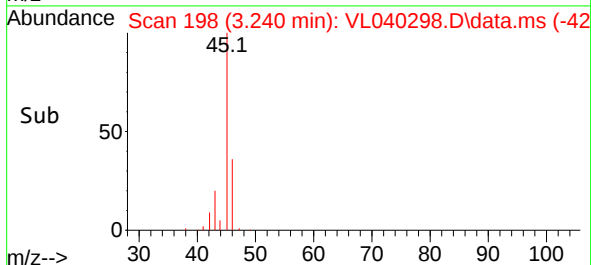
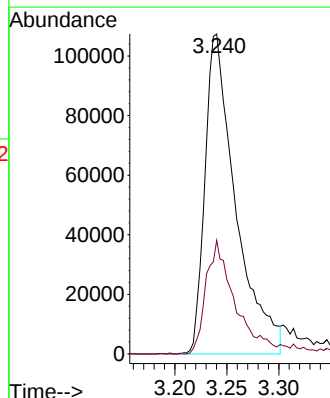
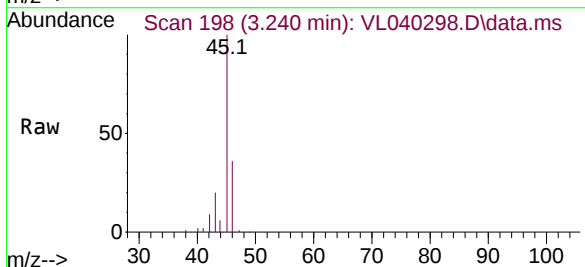
Acq: 16 Mar 2023 16:36

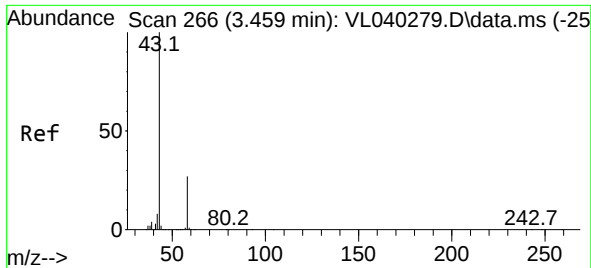
Tgt Ion: 45 Resp: 220857

Ion Ratio Lower Upper

45 100

46 35.5 15.0 60.2





#15

Acetone

Concen: 1.261 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040298.D

Acq: 16 Mar 2023 16:36

Instrument :

MSVOA_L

ClientSampleId :

SSSG-3DL

Tgt Ion: 43 Resp: 16884

Ion Ratio Lower Upper

43 100

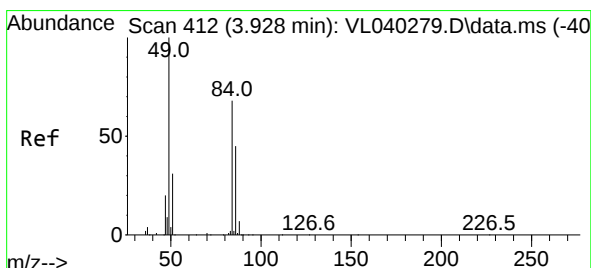
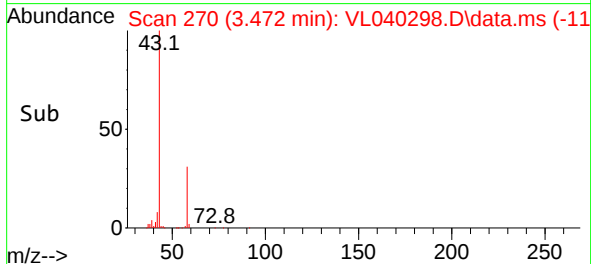
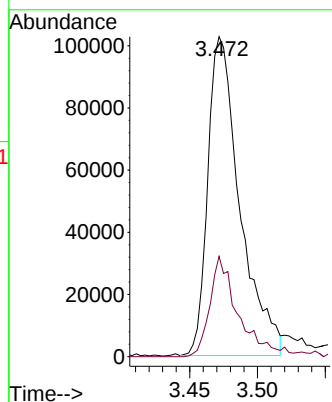
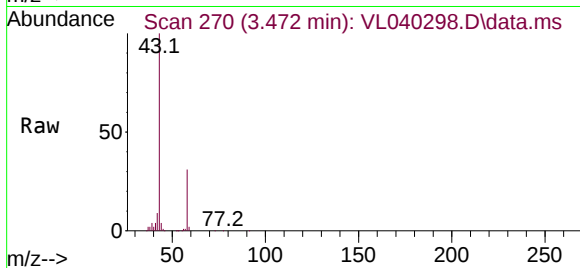
58 28.8 21.8 32.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#20

Methylene Chloride

Concen: 8.584 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.007 min

Lab File: VL040298.D

Acq: 16 Mar 2023 16:36

Tgt Ion: 84 Resp: 483642

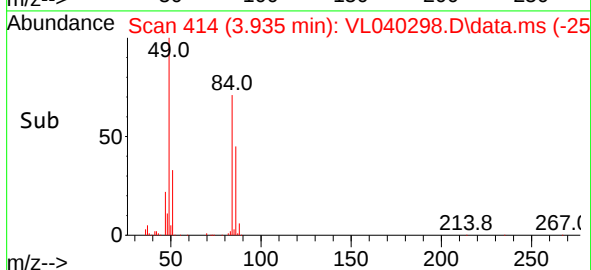
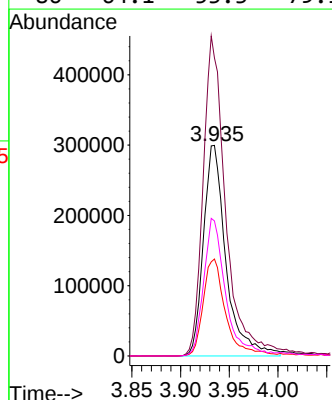
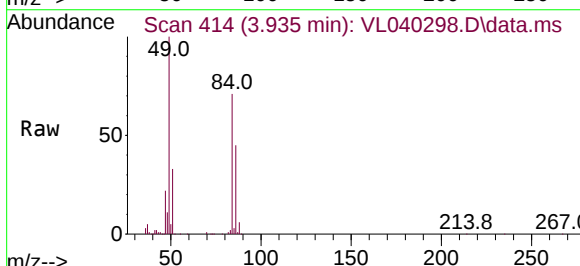
Ion Ratio Lower Upper

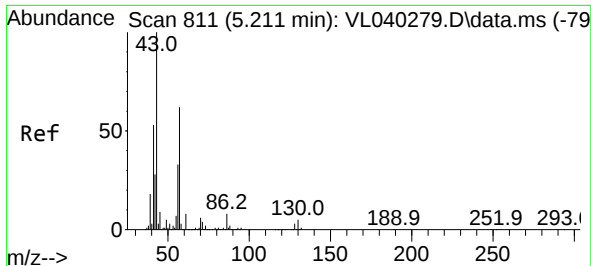
84 100

49 141.5 117.5 176.3

51 45.9 36.9 55.3

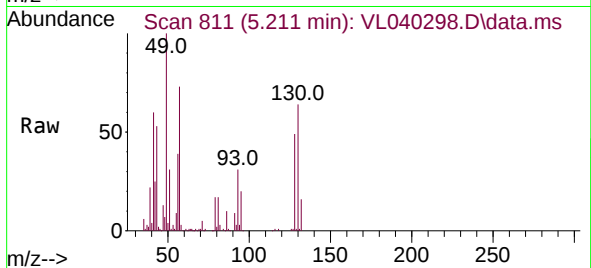
86 64.1 53.3 79.9





#26
Hexane
Concen: 2.309 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

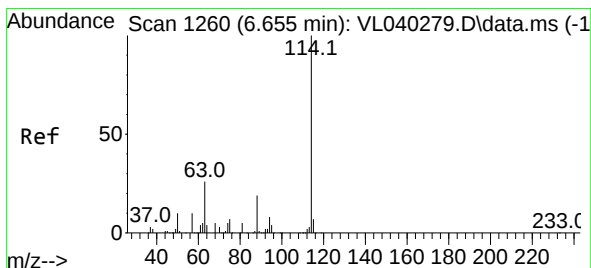
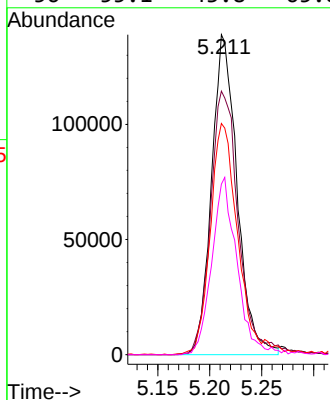
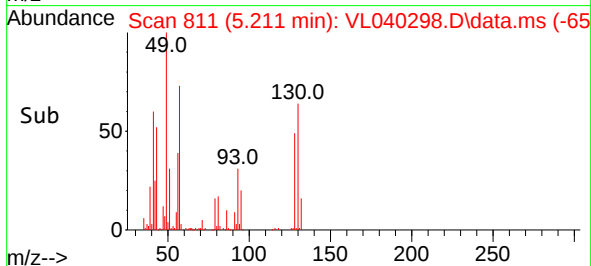
Instrument :
MSVOA_L
Client Sample Id :
SSSG-3DL



Tgt Ion: 57 Resp: 237650
Ion Ratio Lower Upper
57 100
41 91.0 73.5 110.3
43 79.3 196.3 294.5
56 55.1 43.8 65.8

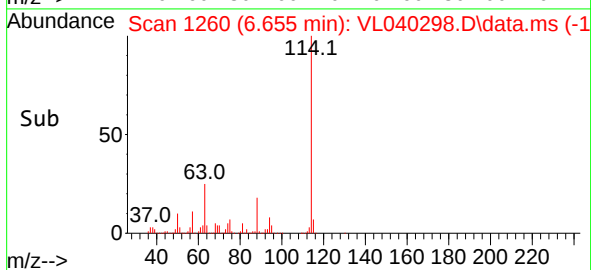
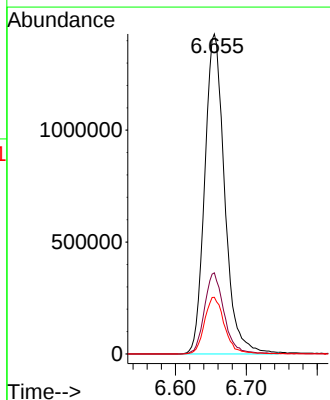
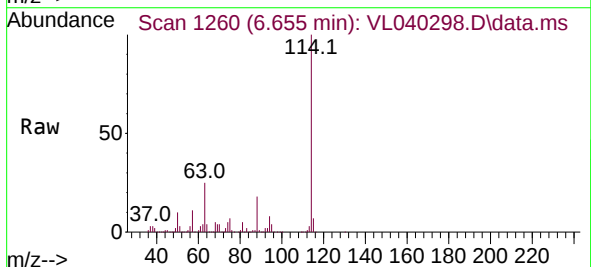
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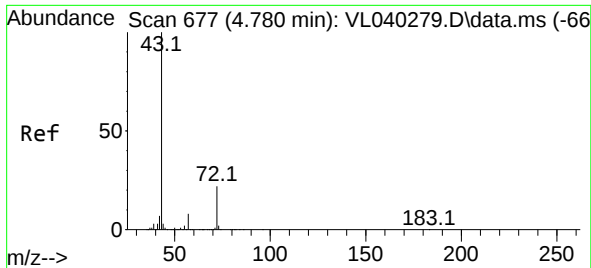
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

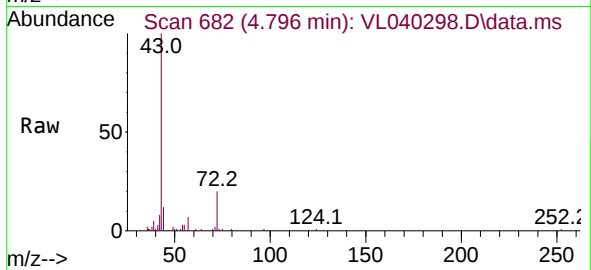
Tgt Ion:114 Resp: 2790686
Ion Ratio Lower Upper
114 100
63 25.3 21.2 31.8
88 17.9 14.5 21.7





#34
2-Butanone
Concen: 0.402 ppbv m
RT: 4.796 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

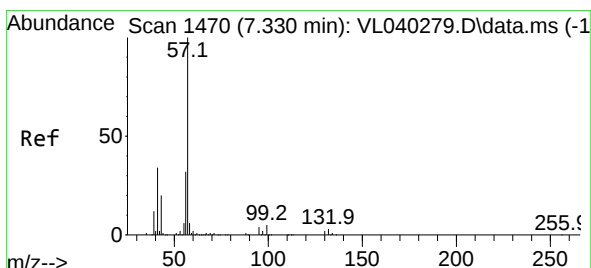
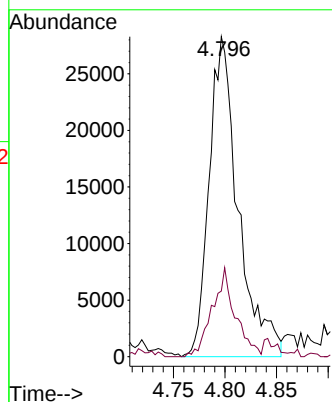
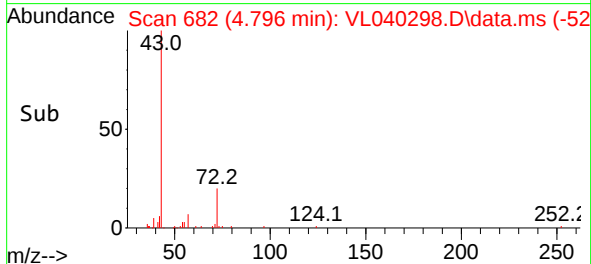
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3DL



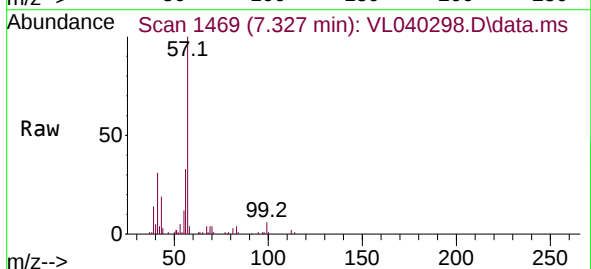
Tgt Ion: 43 Resp: 5539
Ion Ratio Lower Upper
43 100
72 25.4 18.3 27.5

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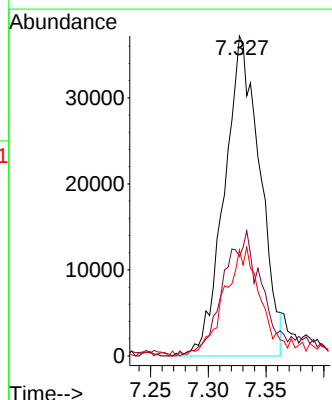
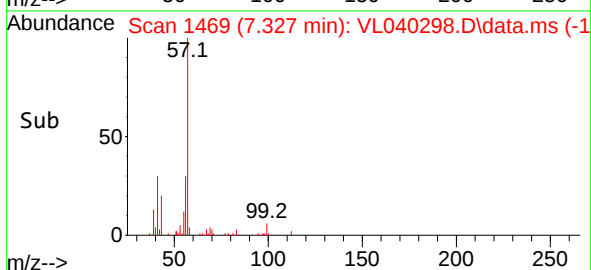
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

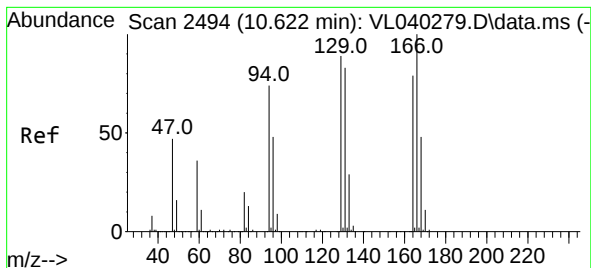


#44
2,2,4-Trimethylpentane
Concen: 0.223 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36



Tgt Ion: 57 Resp: 79218
Ion Ratio Lower Upper
57 100
41 48.0 26.8 40.2#
56 36.5 25.0 37.6





#52

Tetrachloroethene

Concen: 0.097 ppbv m

RT: 10.616 min Scan# 24

Delta R.T. -0.006 min

Lab File: VL040298.D

Acq: 16 Mar 2023 16:36

Instrument :

MSVOA_L

ClientSampleId :

SSSG-3DL

Tgt Ion:164 Resp: 626

Ion Ratio Lower Upper

164 100

166 168.7 101.8 152.6

129 127.4 90.2 135.2

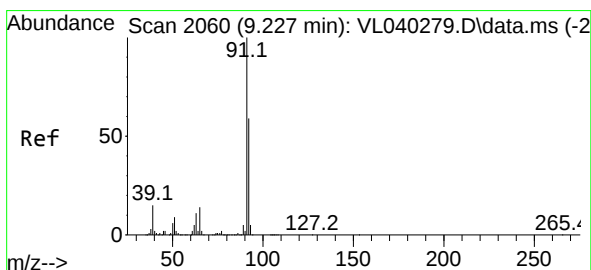
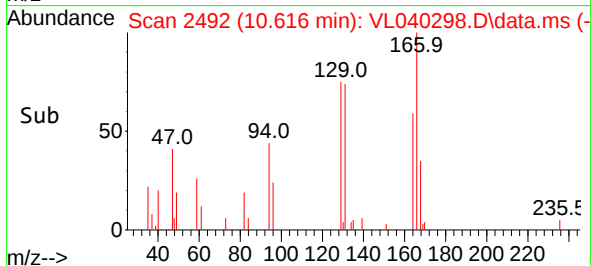
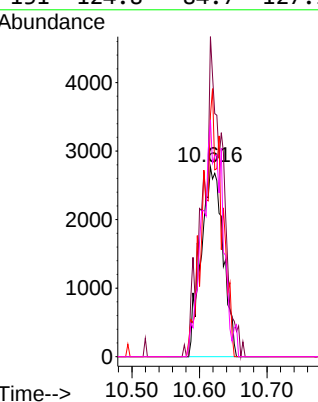
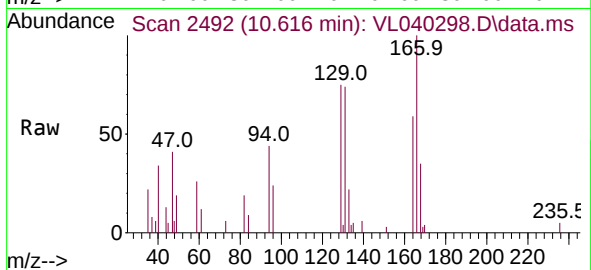
131 124.8 84.7 127.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#53

Toluene

Concen: 0.931 ppbv

RT: 9.224 min Scan# 2059

Delta R.T. -0.003 min

Lab File: VL040298.D

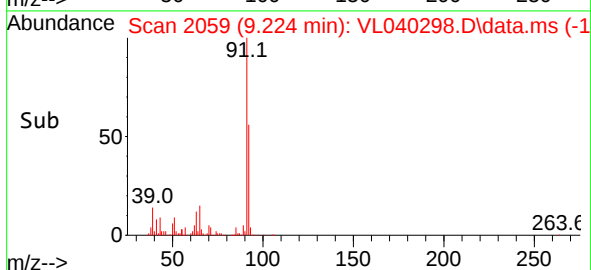
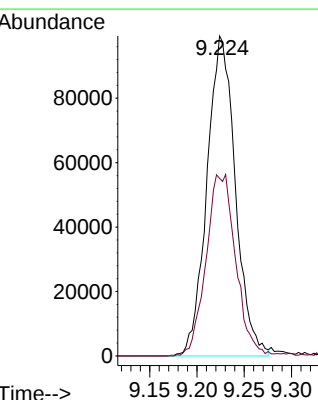
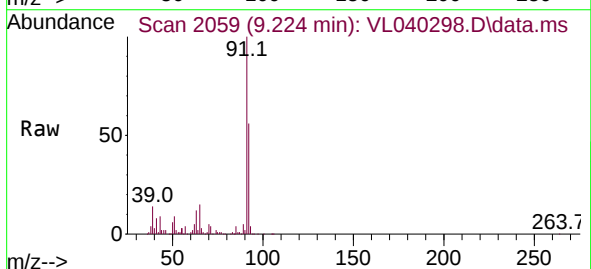
Acq: 16 Mar 2023 16:36

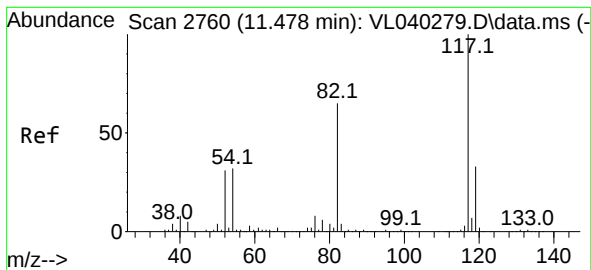
Tgt Ion: 91 Resp: 207501

Ion Ratio Lower Upper

91 100

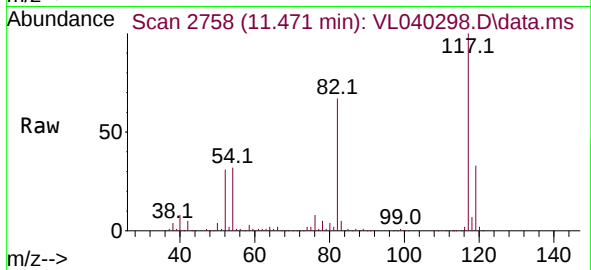
92 59.7 48.0 72.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

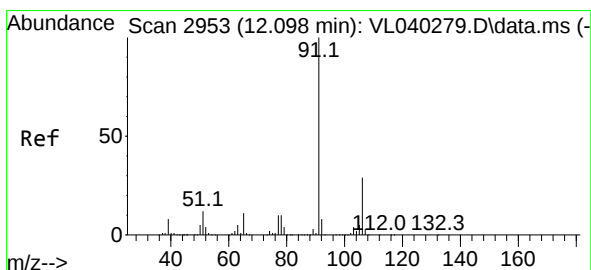
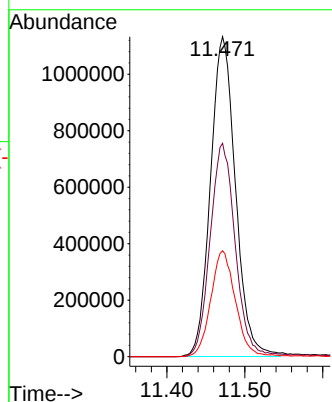
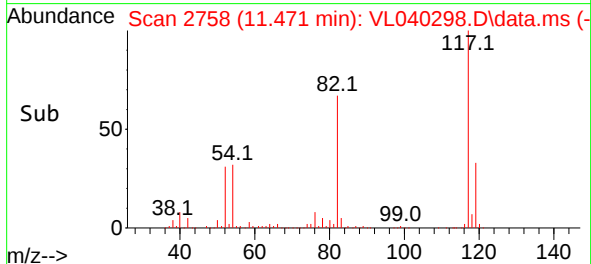
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3DL



Tgt Ion:117 Resp: 2524618
Ion Ratio Lower Upper
117 100
82 68.0 51.4 77.2
119 32.8 24.0 36.0

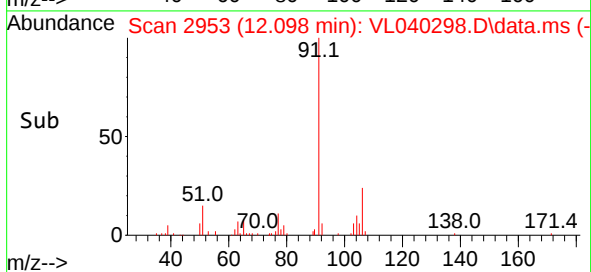
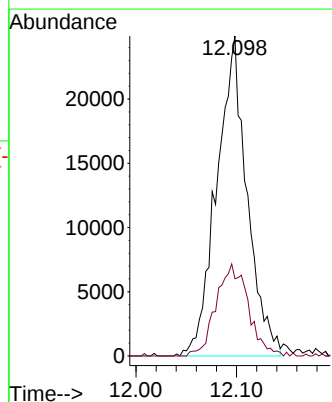
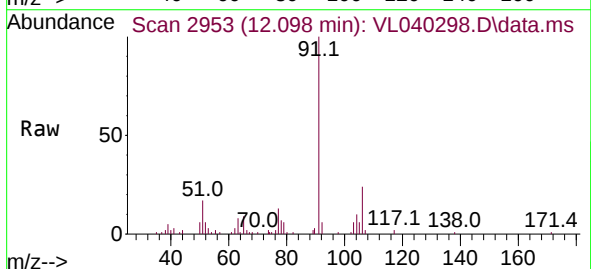
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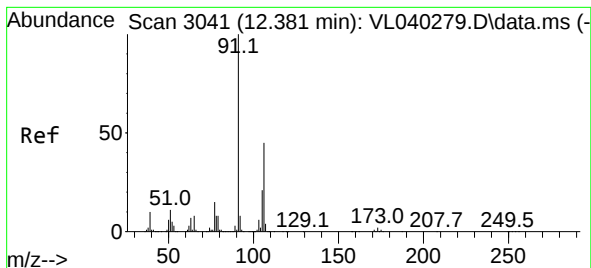
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#58
Ethyl Benzene
Concen: 0.181 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

Tgt Ion: 91 Resp: 52107
Ion Ratio Lower Upper
91 100
106 24.2 23.4 35.2





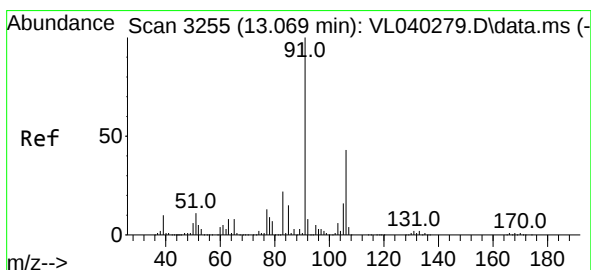
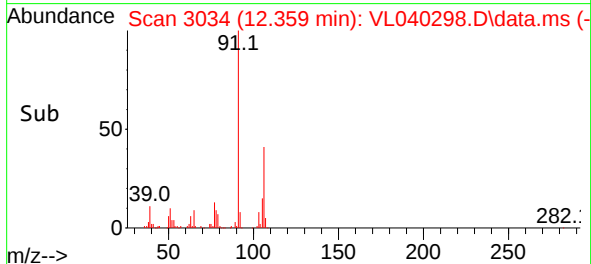
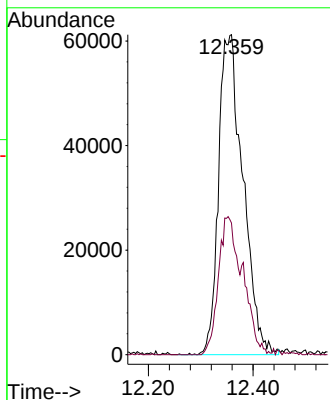
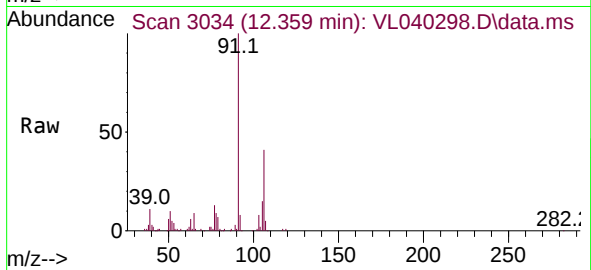
#59
m/p-Xylene
Concen: 0.751 ppbv m
RT: 12.359 min Scan# 3041
Delta R.T. -0.022 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

Instrument :
MSVOA_L
ClientSampleId :
SSSG-3DL

Tgt Ion: 91 Resp: 197648
Ion Ratio Lower Upper
91 100
106 43.2 34.0 51.0

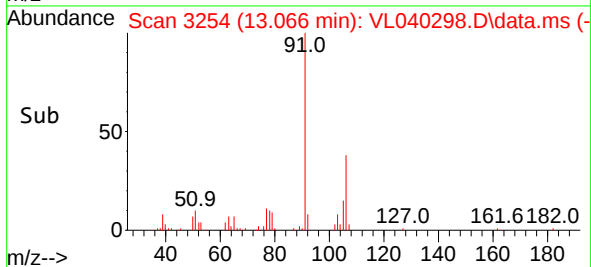
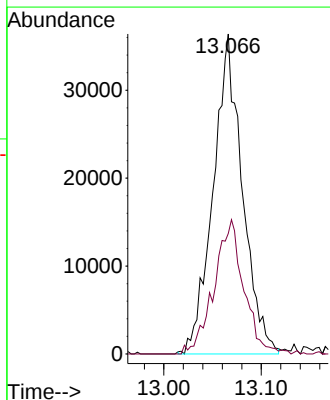
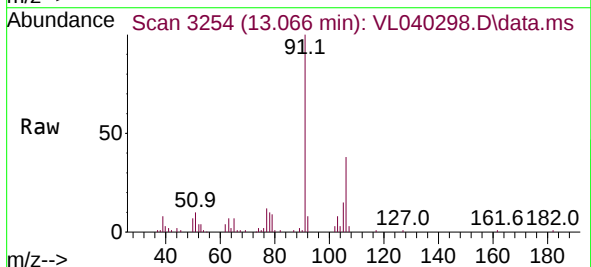
Manual Integrations
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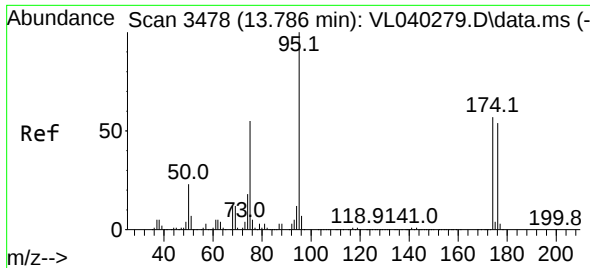
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
o-Xylene
Concen: 0.301 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

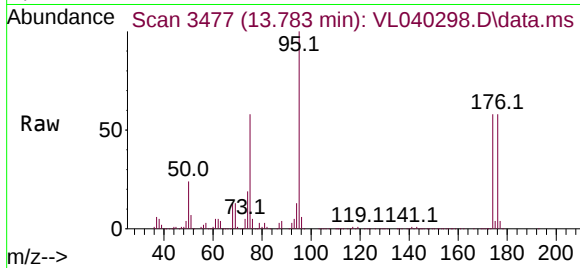
Tgt Ion: 91 Resp: 75785
Ion Ratio Lower Upper
91 100
106 42.8 21.7 65.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.901 ppbv
RT: 13.783 min Scan# 3478
Delta R.T. -0.003 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36

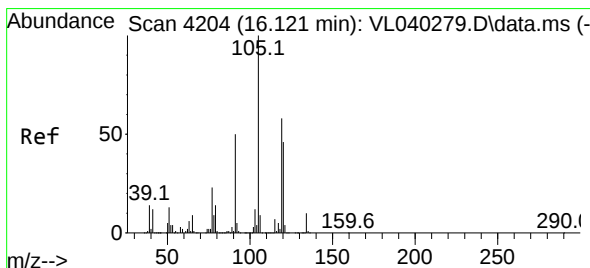
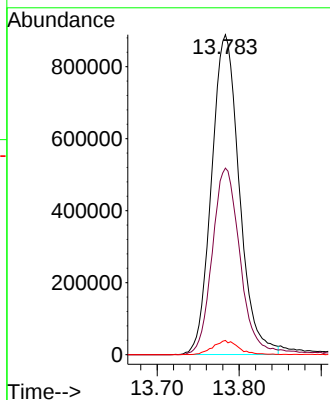
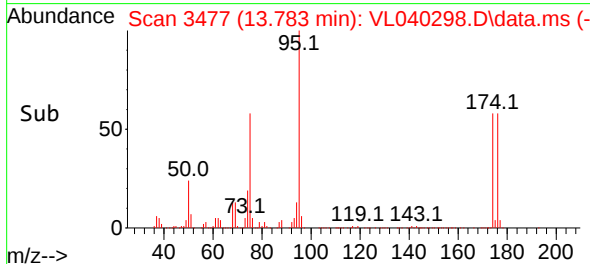
Instrument :
MSVOA_L
ClientSampleId :
SSSG-3DL



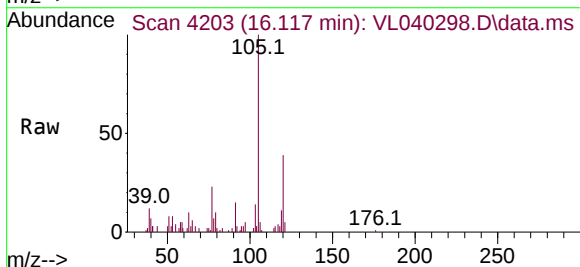
Tgt Ion: 95 Resp: 2093284
Ion Ratio Lower Upper
95 100
174 60.2 47.0 70.6
175 4.1 3.4 5.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.176 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.004 min
Lab File: VL040298.D
Acq: 16 Mar 2023 16:36



Tgt Ion:105 Resp: 50118
Ion Ratio Lower Upper
105 100
120 38.2 36.6 54.8
91 13.9 39.9 59.9#
77 21.9 18.6 27.8

