

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039305.D
 Acq On : 15 Jun 2022 21:16
 Operator : SY/AP
 Sample : N3326-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:37:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1451691	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	3997596	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	3635669	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2729278	9.080	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.800%
Target Compounds						
					Qvalue	
9) Propene	3.015	41	38396	0.477	ppbv #	79
13) Ethanol	3.603	45	12239m	2.786	ppbv	
15) Acetone	3.845	43	439427	2.906	ppbv	99
17) tert-Butyl alcohol	4.298	59	38125m	0.325	ppbv	
20) Methylene Chloride	4.337	84	27947	0.439	ppbv #	84
23) Vinyl Acetate	5.060	43	665163	5.316	ppbv	98
26) Hexane	5.677	57	108901	0.727	ppbv #	34
34) 2-Butanone	5.246	43	34180	0.157	ppbv #	73
44) 2,2,4-Trimethylpentane	7.857	57	65942	0.116	ppbv #	57
52) Tetrachloroethene	11.204	164	90232m	0.712	ppbv	
53) Toluene	9.786	91	51285m	0.137	ppbv	
59) m/p-Xylene	12.950	91	72531m	0.164	ppbv	
74) 1,2,4-Trimethylbenzene	16.738	105	64507m	0.132	ppbv	

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

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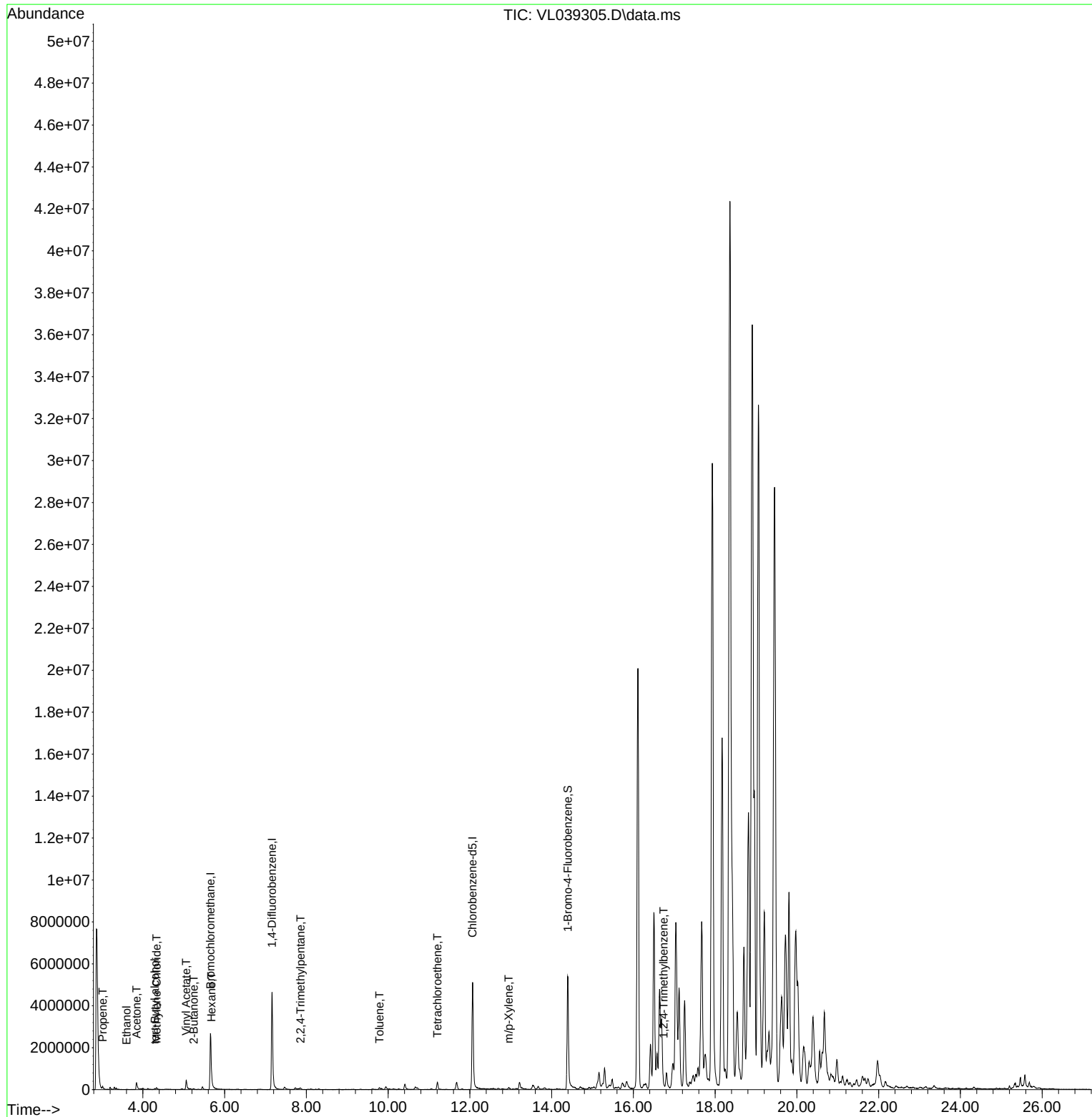
Quant Time: Jun 16 04:37:43 2022

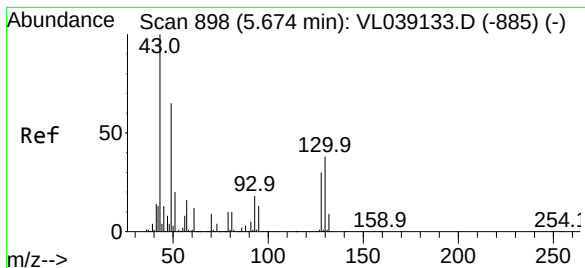
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration





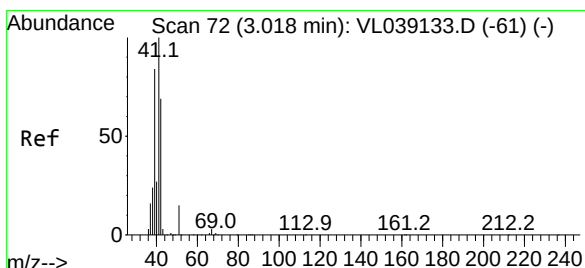
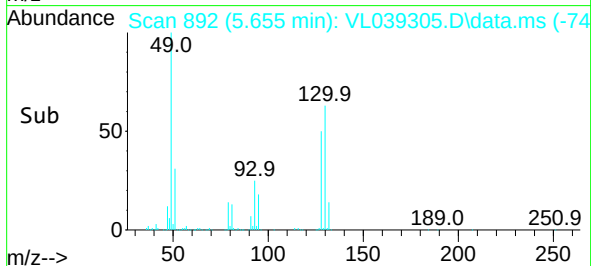
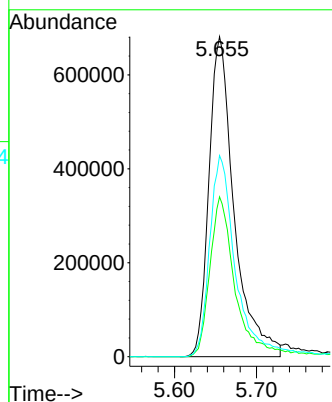
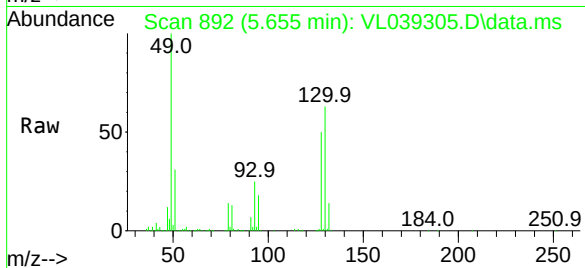
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 145169
Ion Ratio Lower Upper
49 100
128 52.1 24.7 74.1
130 66.9 31.4 94.0

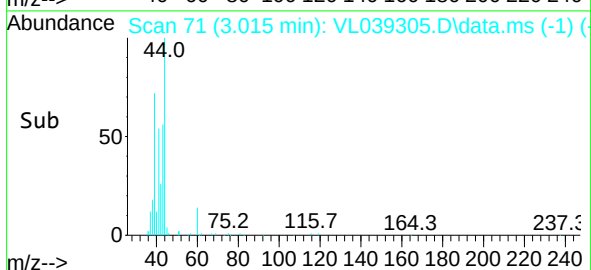
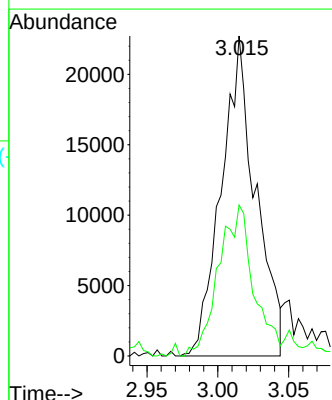
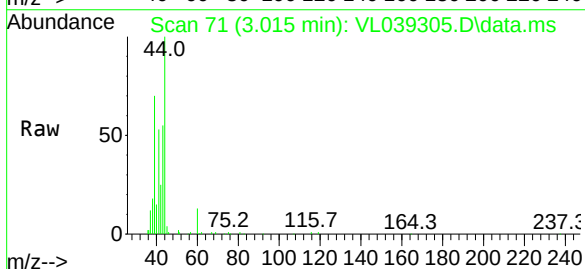
Manual Integrations
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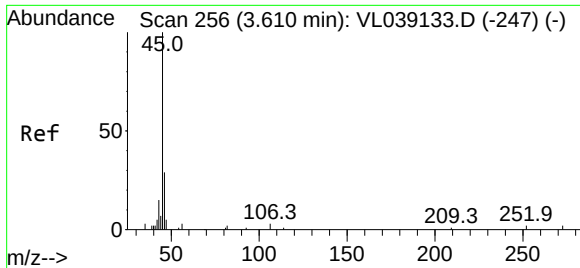
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#9
Propene
Concen: 0.477 ppbv
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

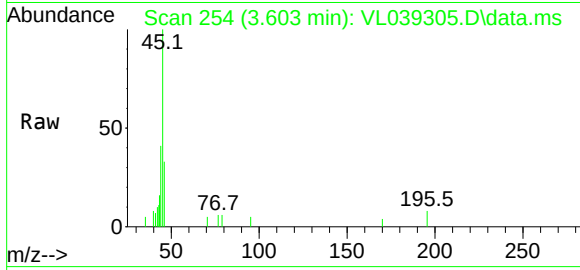
Tgt Ion: 41 Resp: 38396
Ion Ratio Lower Upper
41 100
42 52.6 55.4 83.2#





#13
Ethanol
Concen: 2.786 ppbv m
RT: 3.603 min Scan# 2123
Delta R.T. -0.006 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

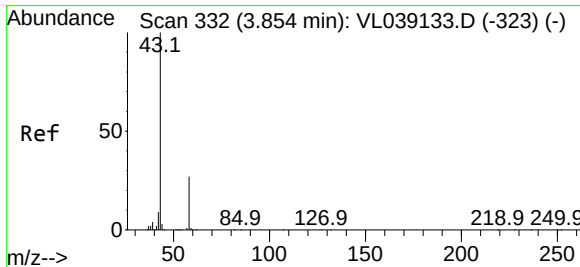
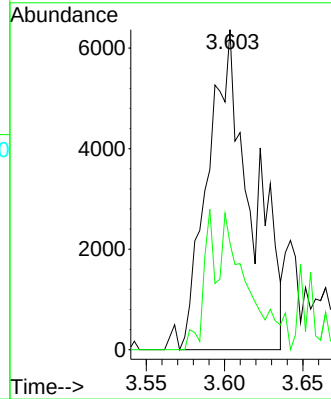
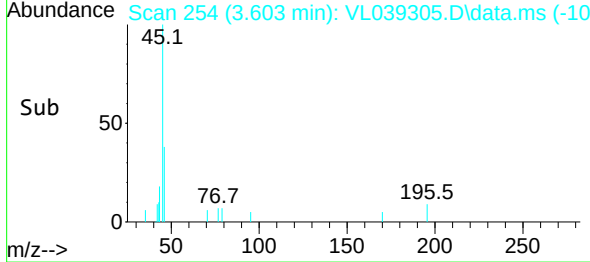
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



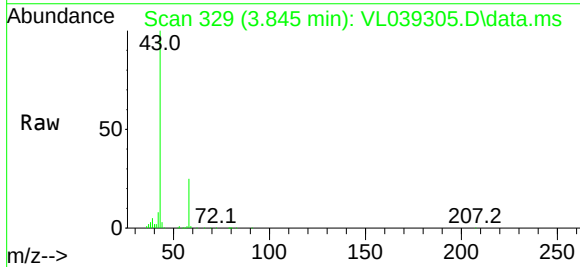
Tgt Ion: 45 Resp: 12239
Ion Ratio Lower Upper
45 100
46 37.7 0.0 0.0

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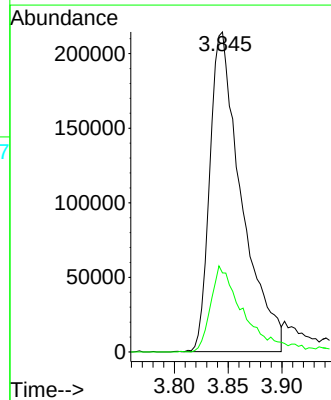
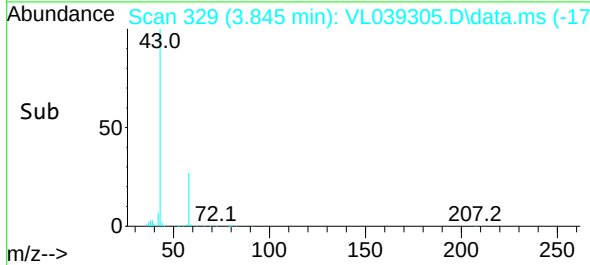
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

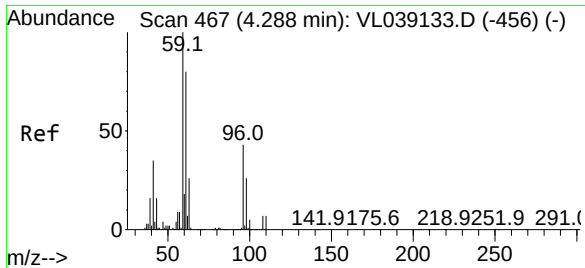


#15
Acetone
Concen: 2.906 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.010 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16



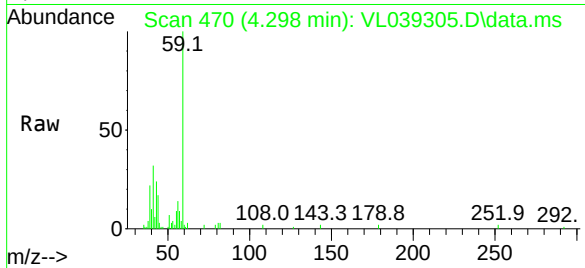
Tgt Ion: 43 Resp: 439427
Ion Ratio Lower Upper
43 100
58 28.5 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.325 ppbv m
RT: 4.298 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

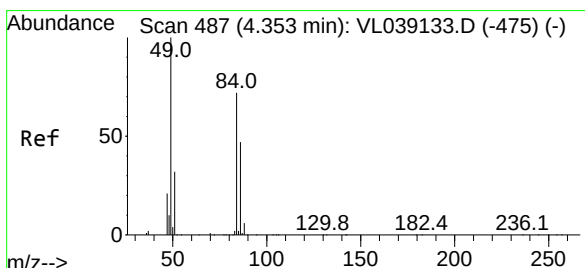
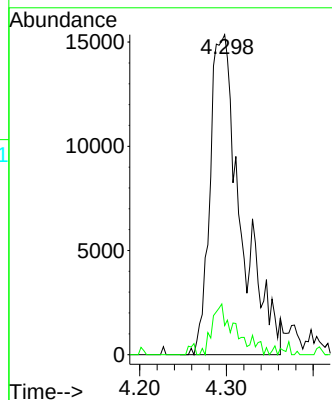
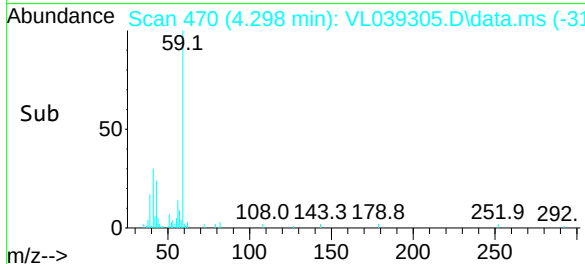
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



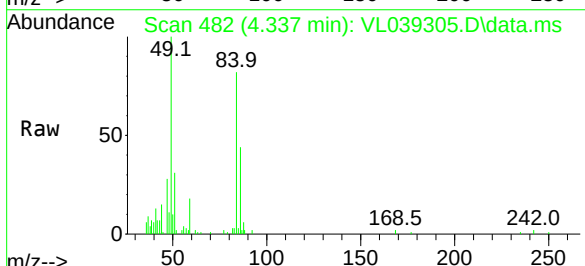
Tgt Ion: 59 Resp: 3812
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7

Manual Integrations
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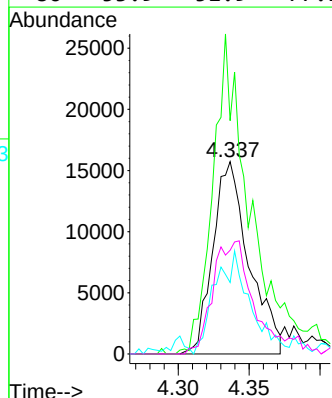
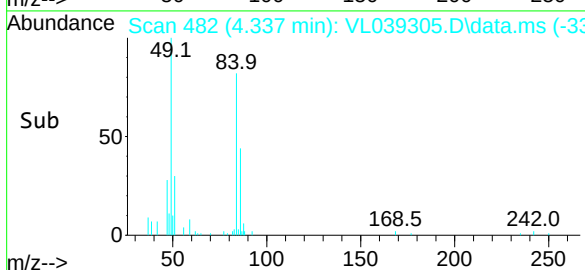
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Supervised By :Mahesh Dadoda 06/17/2022

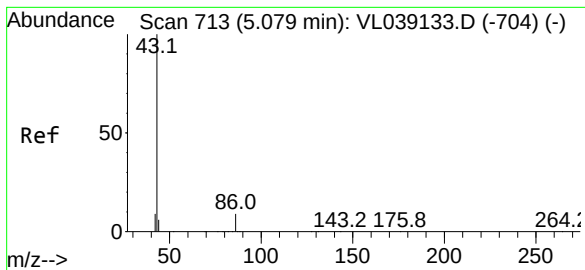


#20
Methylene Chloride
Concen: 0.439 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16



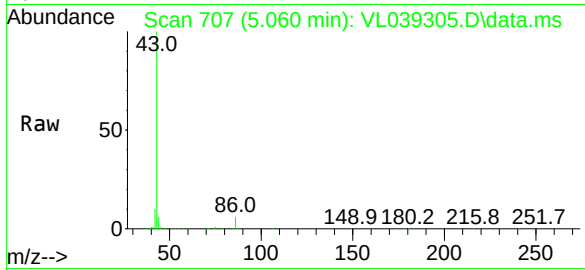
Tgt Ion: 84 Resp: 27947
Ion Ratio Lower Upper
84 100
49 119.3 111.1 166.7
51 30.8 35.3 52.9#
86 53.9 51.9 77.9





#23
 Vinyl Acetate
 Concen: 5.316 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. -0.019 min
 Lab File: VL039305.D
 Acq: 15 Jun 2022 21:16

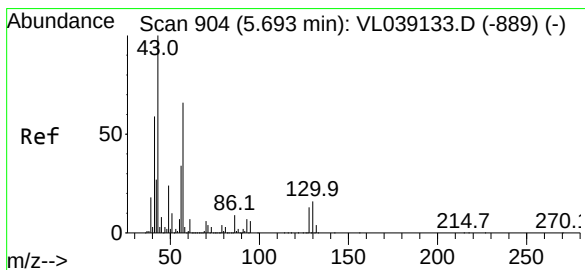
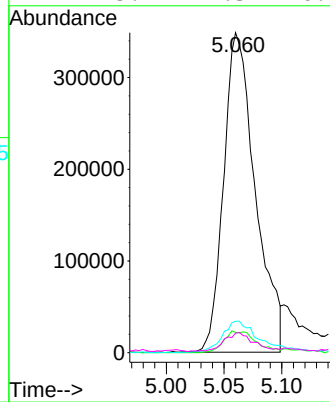
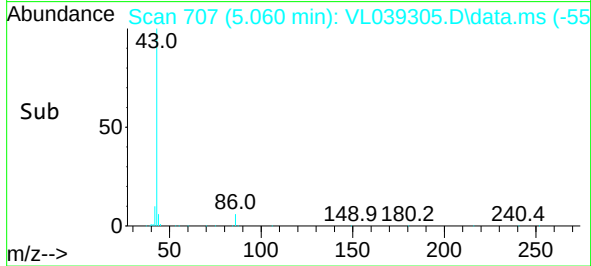
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



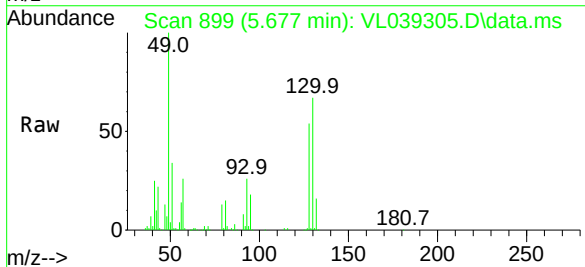
Tgt Ion: 43 Resp: 66516
 Ion Ratio Lower Upper
 43 100
 86 6.3 6.0 9.0
 42 9.6 8.2 12.4
 44 5.4 4.3 6.5

Manual Integrations
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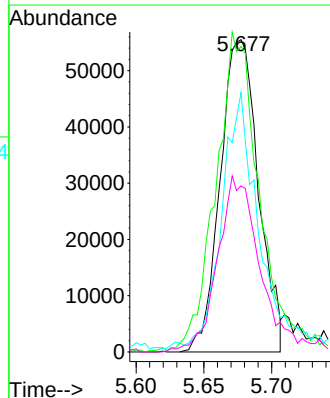
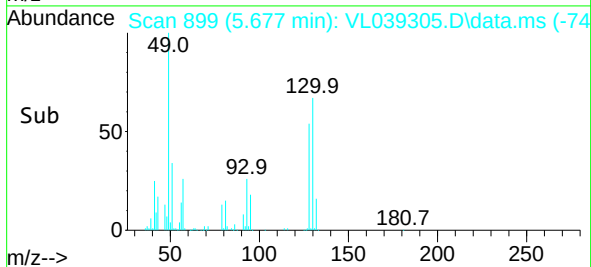
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

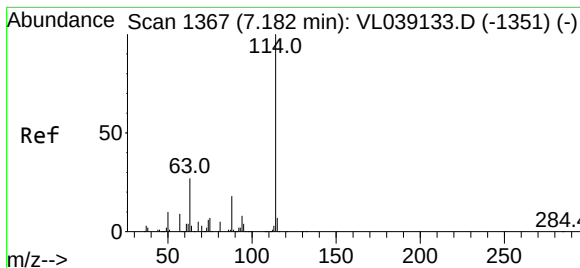


#26
 Hexane
 Concen: 0.727 ppbv
 RT: 5.677 min Scan# 899
 Delta R.T. -0.016 min
 Lab File: VL039305.D
 Acq: 15 Jun 2022 21:16



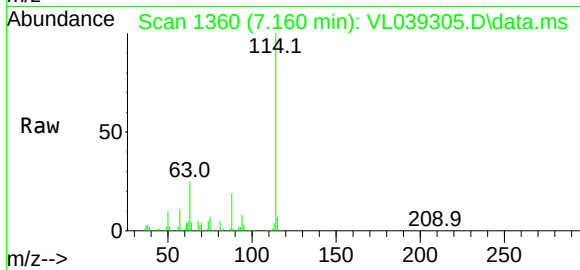
Tgt Ion: 57 Resp: 108901
 Ion Ratio Lower Upper
 57 100
 41 121.0 72.4 108.6#
 43 83.8 187.0 280.6#
 56 64.9 41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

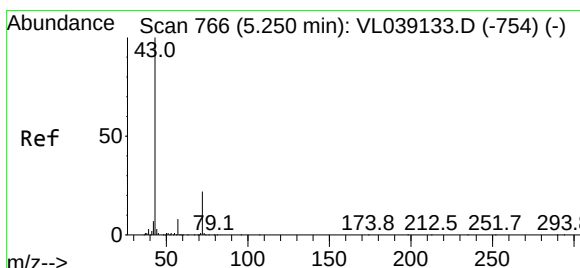
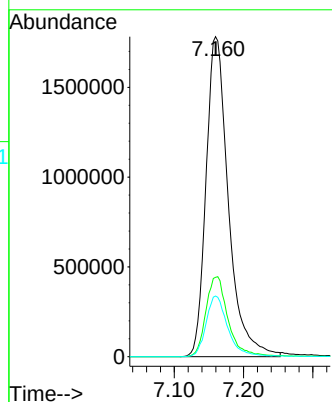
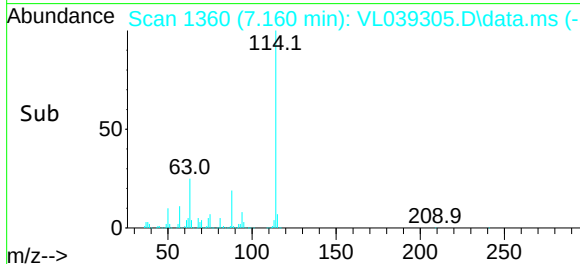
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 114 Resp: 3997590
Ion Ratio Lower Upper
114 100
63 25.0 21.7 32.5
88 18.7 14.8 22.2

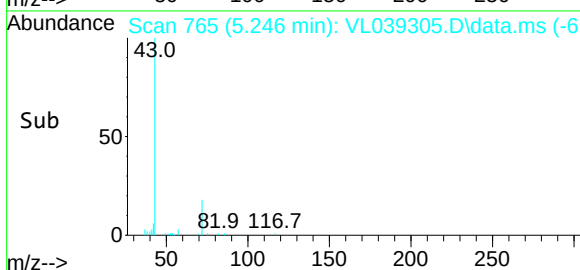
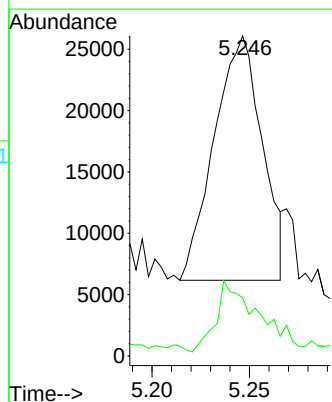
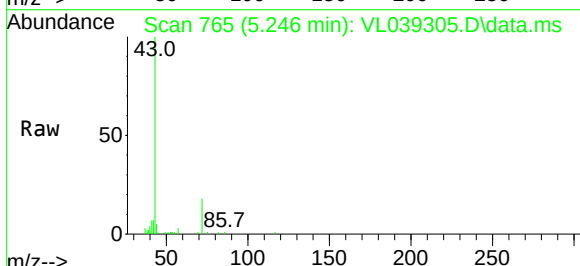
Manual Integrations
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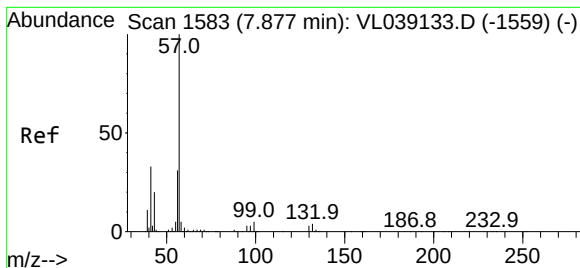
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#34
2-Butanone
Concen: 0.157 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

Tgt Ion: 43 Resp: 34180
Ion Ratio Lower Upper
43 100
72 35.7 18.2 27.2#





#44

2,2,4-Trimethylpentane

Concen: 0.116 ppbv

RT: 7.857 min Scan# 1577

Delta R.T. -0.019 min

Lab File: VL039305.D

Acq: 15 Jun 2022 21:16

Instrument :

MSVOA_L

ClientSampleId :

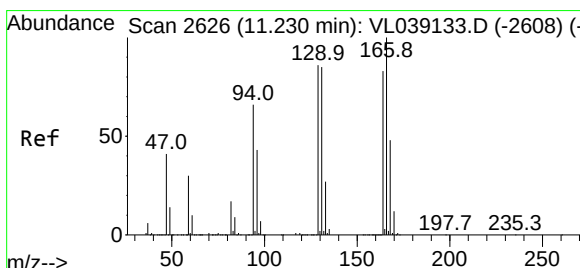
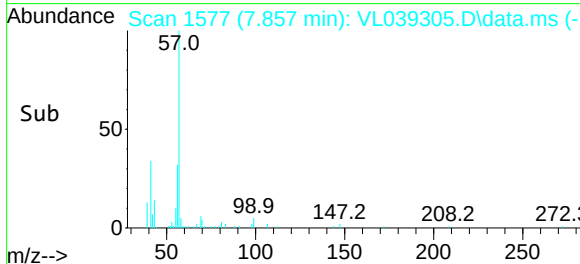
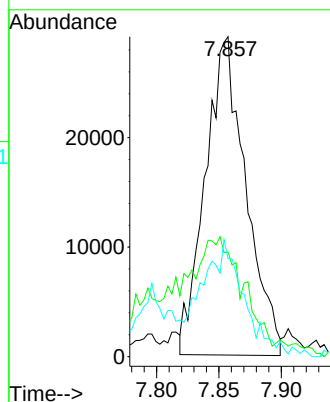
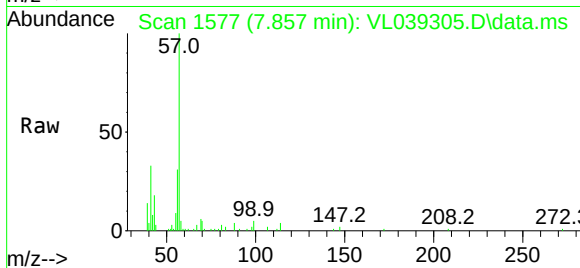
SV1DL

Tgt Ion:	57	Resp:	6594
Ion Ratio	Lower	Upper	
57	100		
41	71.1	26.2	39.4
56	40.3	24.7	37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#52

Tetrachloroethene

Concen: 0.712 ppbv m

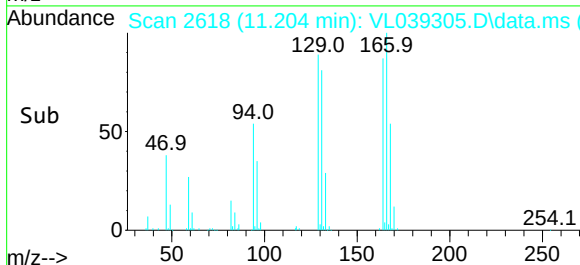
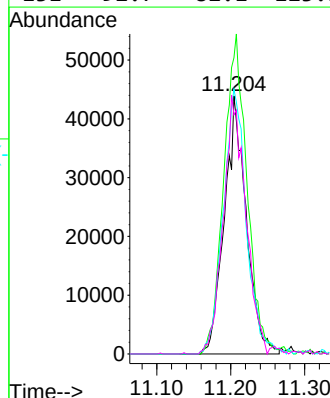
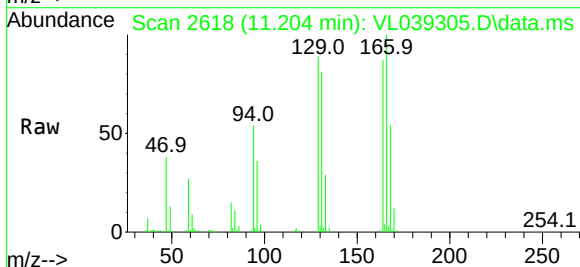
RT: 11.204 min Scan# 2618

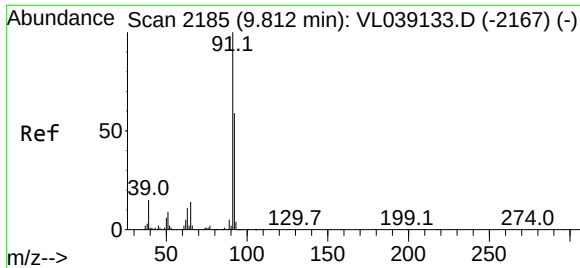
Delta R.T. -0.026 min

Lab File: VL039305.D

Acq: 15 Jun 2022 21:16

Tgt Ion:	164	Resp:	90232
Ion Ratio	Lower	Upper	
164	100		
166	114.8	96.3	144.5
129	102.5	82.5	123.7
131	92.7	82.1	123.1





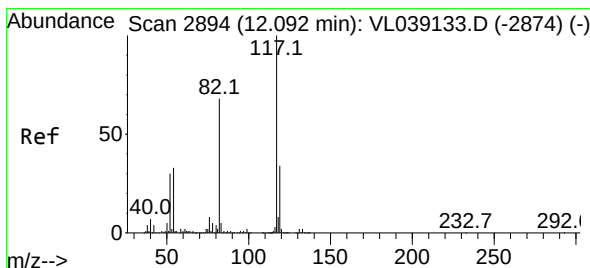
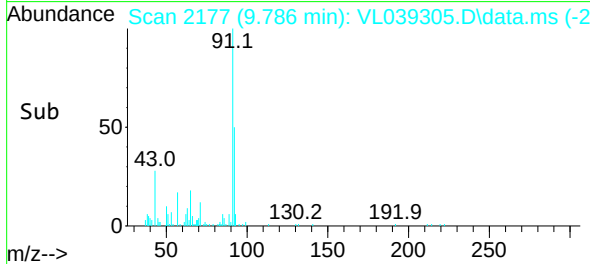
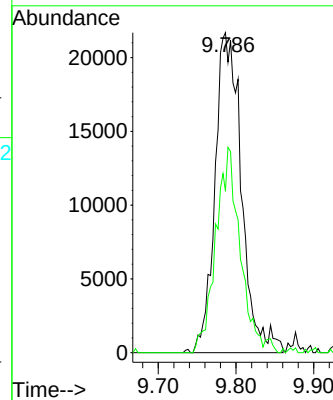
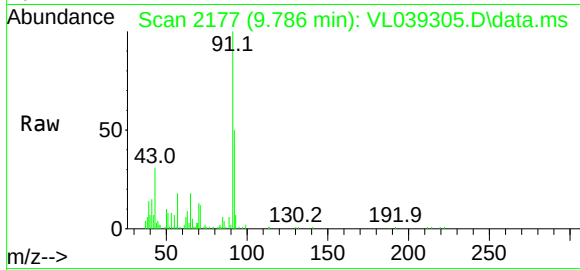
#53
Toluene
Concen: 0.137 ppbv m
RT: 9.786 min Scan# 2185
Delta R.T. -0.026 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 5128
Ion Ratio Lower Upper
91 100
92 60.0 48.1 72.1

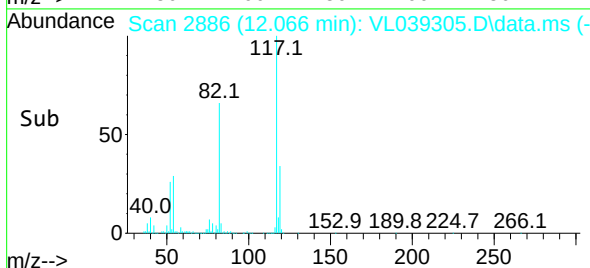
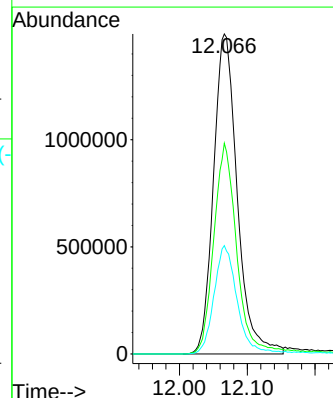
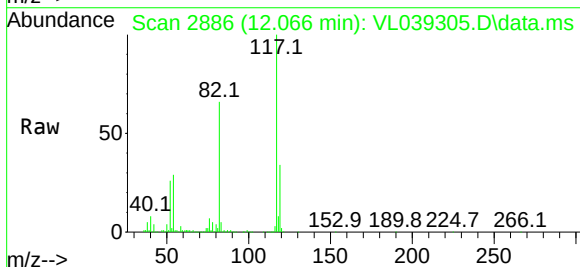
Manual Integrations
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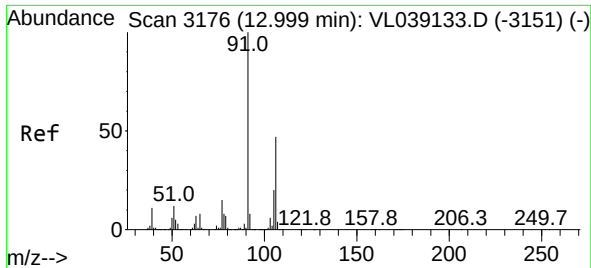
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

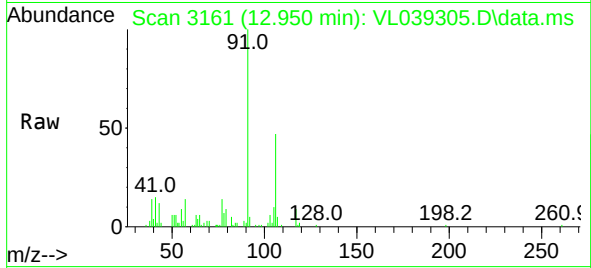
Tgt Ion:117 Resp: 3635669
Ion Ratio Lower Upper
117 100
82 64.6 55.1 82.7
119 33.5 24.7 37.1





#59
m/p-Xylene
Concen: 0.164 ppbv m
RT: 12.950 min Scan# 3176
Delta R.T. -0.048 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

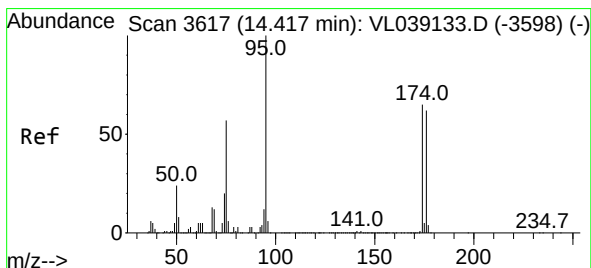
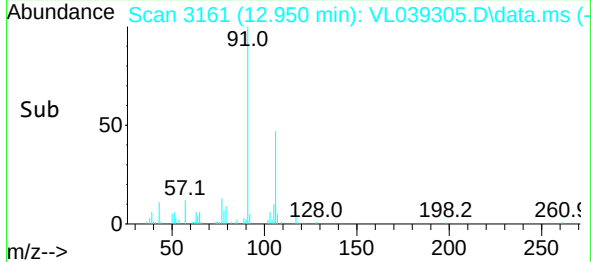
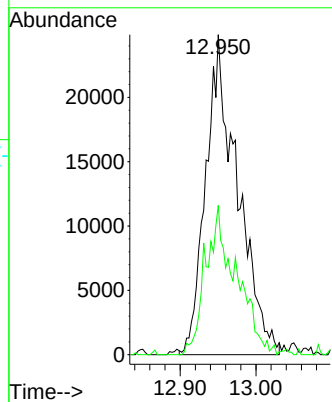
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 91 Resp: 7253
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5

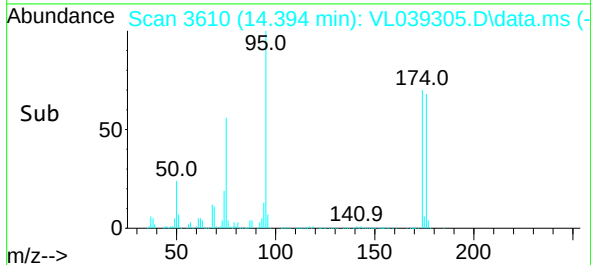
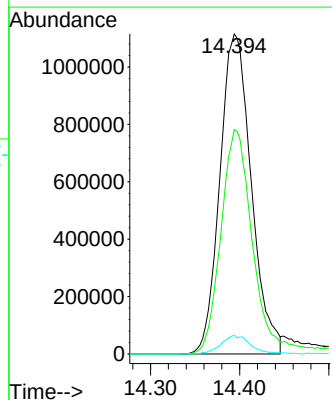
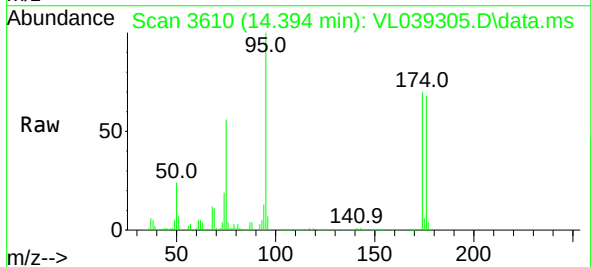
Manual Integrations
APPROVED

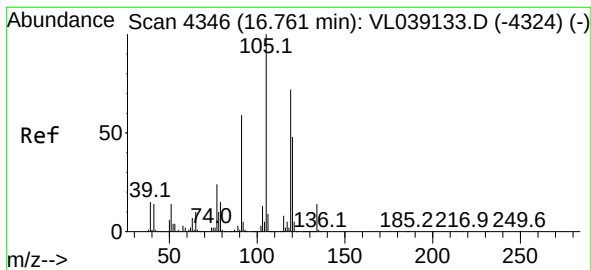
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.080 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. -0.023 min
Lab File: VL039305.D
Acq: 15 Jun 2022 21:16

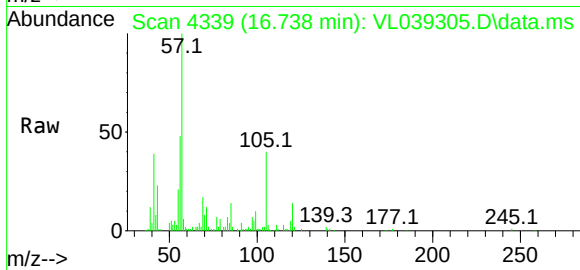
Tgt Ion: 95 Resp: 2729278
Ion Ratio Lower Upper
95 100
174 74.1 53.8 80.8
175 5.6 4.1 6.1





#74
 1,2,4-Trimethylbenzene
 Concen: 0.132 ppbv m
 RT: 16.738 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL039305.D
 Acq: 15 Jun 2022 21:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion:	105	Resp:	6450
Ion	Ratio	Lower	Upper
105	100		
120	34.2	38.1	57.1
91	9.6	47.4	71.0
77	18.5	19.5	29.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

