

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039463.D
 Acq On : 13 Jul 2022 1:16
 Operator : SY/AP
 Sample : N3660-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 05:57:41 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 11:33:36 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1331233	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	3697163	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3322945	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2546052	10.328	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
9) Propene	3.034	41	11304	0.148	ppbv #	83
13) Ethanol	3.610	45	337942	76.369	ppbv	81
15) Acetone	3.864	43	184352m	1.171	ppbv	
19) Isopropyl Alcohol	3.973	45	993867	11.831	ppbv #	93
20) Methylene Chloride	4.362	84	150440	2.396	ppbv	96
25) Ethyl Acetate	5.684	43	2852998	8.835	ppbv #	93
36) Benzene	6.902	78	29648m	0.104	ppbv	
52) Tetrachloroethene	11.243	164	20823m	0.181	ppbv	
53) Toluene	9.822	91	106917	0.324	ppbv	99
58) Ethyl Benzene	12.719	91	59090m	0.138	ppbv	
59) m/p-Xylene	12.986	91	321787m	0.851	ppbv	
60) o-Xylene	13.700	91	150027	0.419	ppbv	100
74) 1,2,4-Trimethylbenzene	16.773	105	99702	0.233	ppbv #	64

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

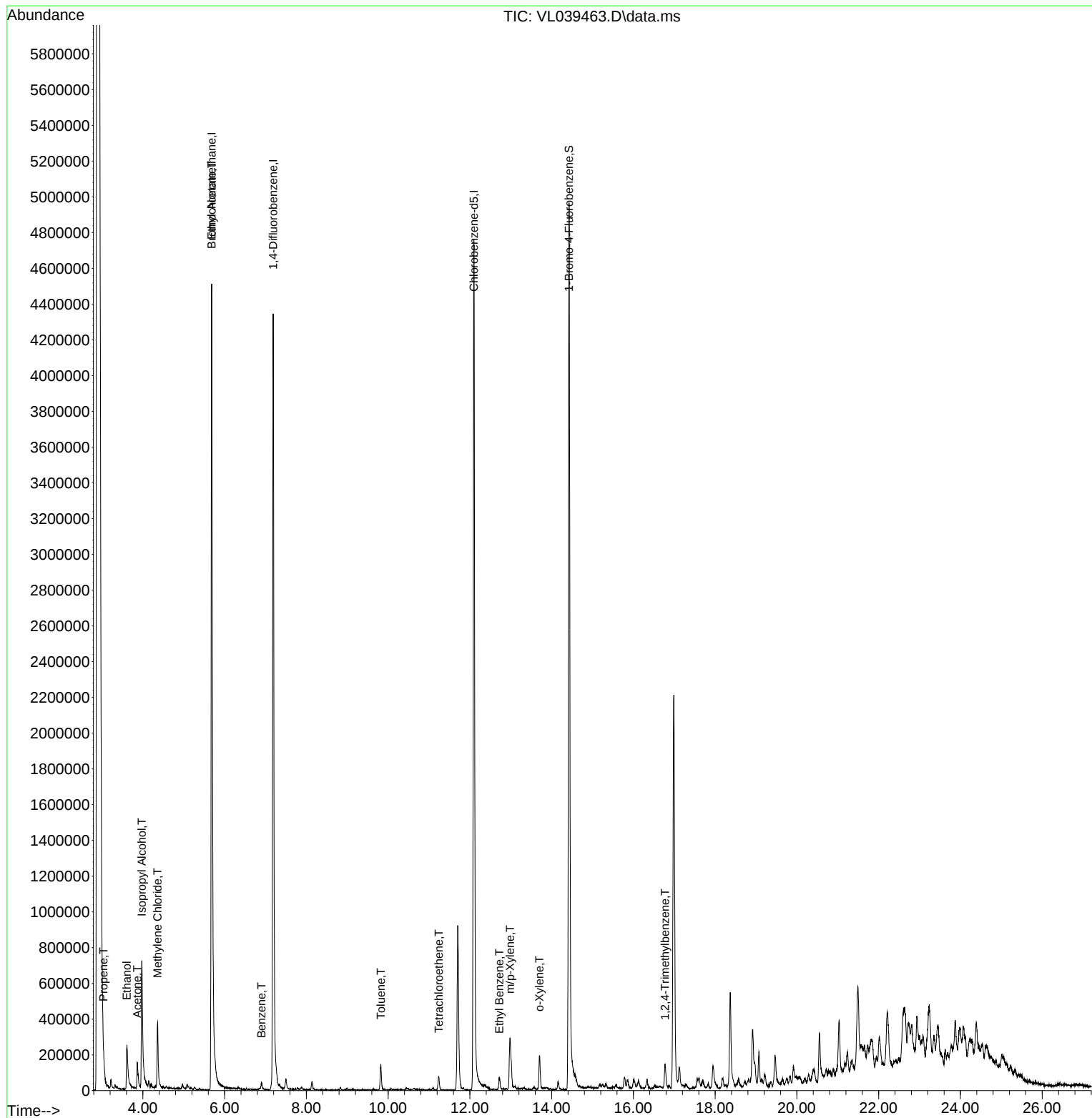
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039463.D
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Misc : 400mL/MSVOA_L
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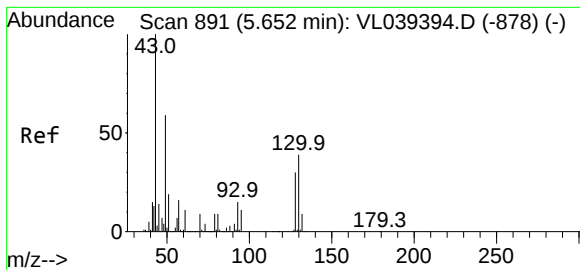
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Quant Time: Jul 13 05:57:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
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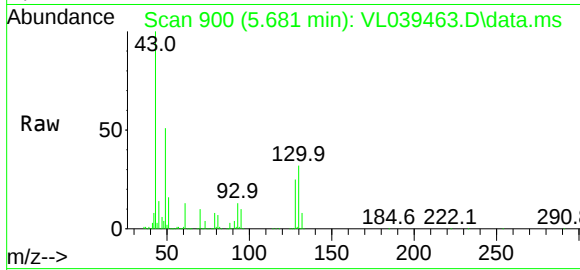
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

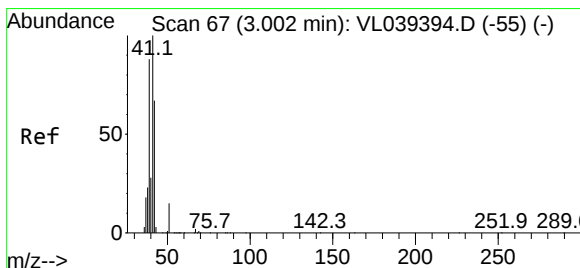
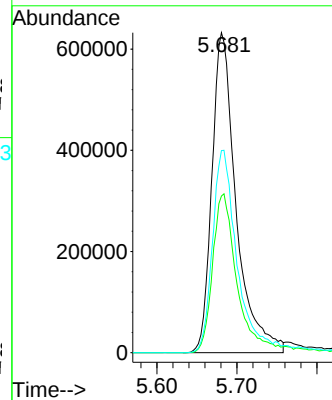
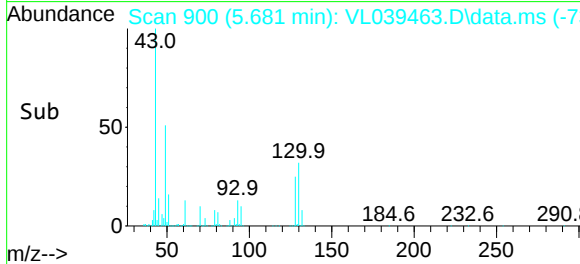
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



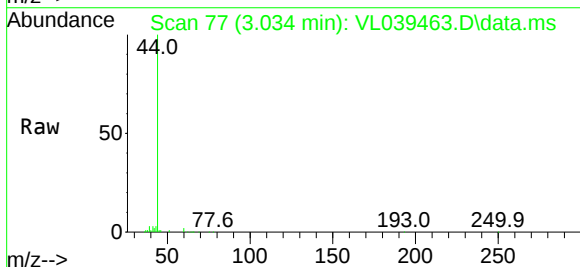
Tgt Ion: 49 Resp: 1331233
Ion Ratio Lower Upper
49 100
128 51.7 26.7 80.0
130 67.6 34.3 102.8

Manual Integrations
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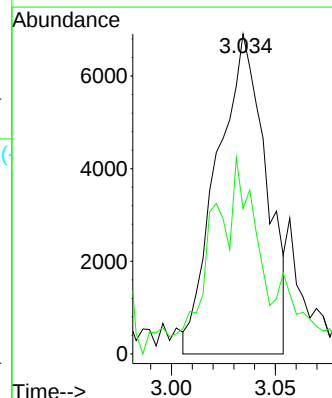
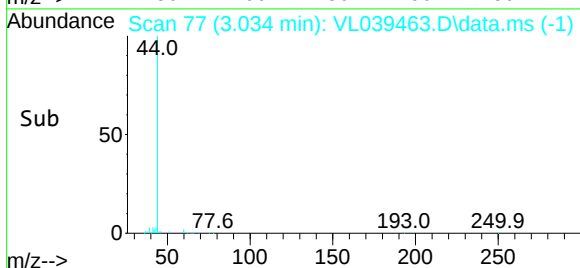
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

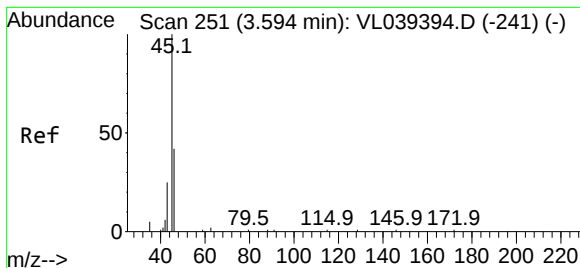


#9
Propene
Concen: 0.148 ppbv
RT: 3.034 min Scan# 77
Delta R.T. 0.032 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16



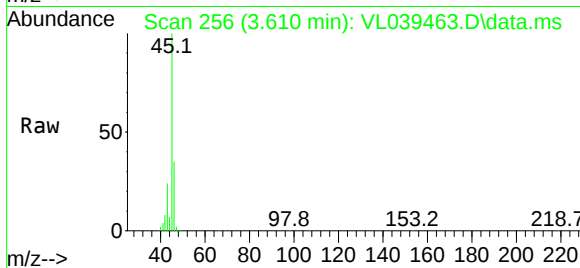
Tgt Ion: 41 Resp: 11304
Ion Ratio Lower Upper
41 100
42 82.8 55.2 82.8#





#13
Ethanol
Concen: 76.369 ppbv
RT: 3.610 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

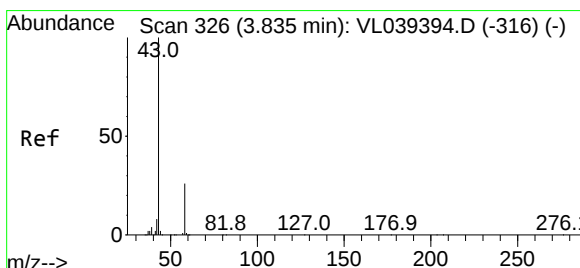
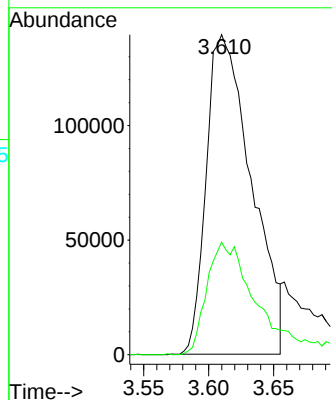
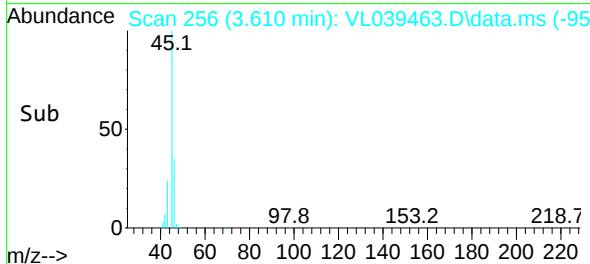
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



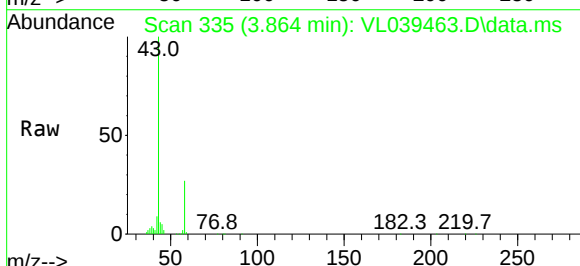
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Ion Ratio Lower Upper
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46 42.8 22.8 91.2

Manual Integrations
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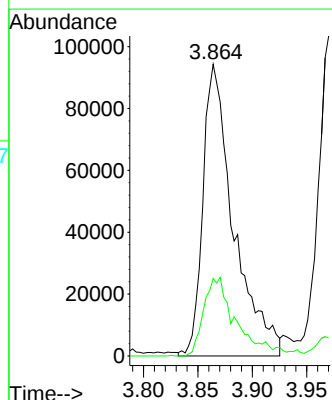
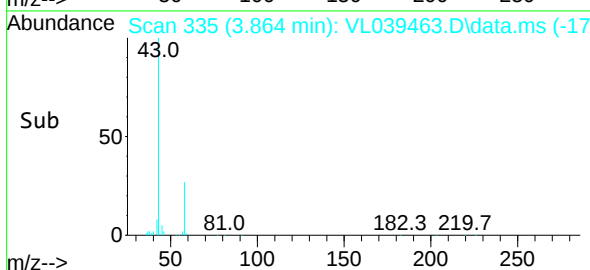
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

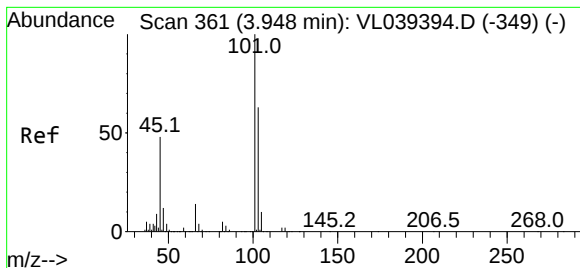


#15
Acetone
Concen: 1.171 ppbv m
RT: 3.864 min Scan# 335
Delta R.T. 0.029 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16



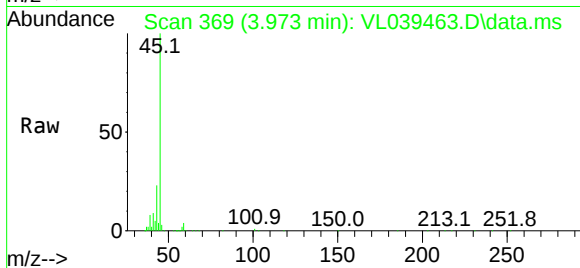
Tgt Ion: 43 Resp: 184352
Ion Ratio Lower Upper
43 100
58 28.4 21.0 31.6





#19
Isopropyl Alcohol
Concen: 11.831 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.026 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

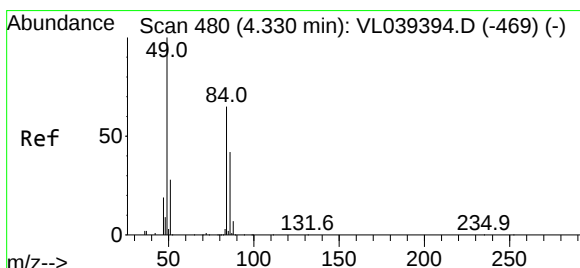
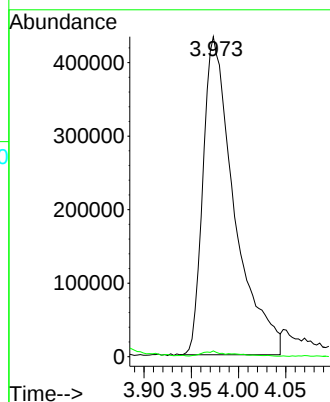
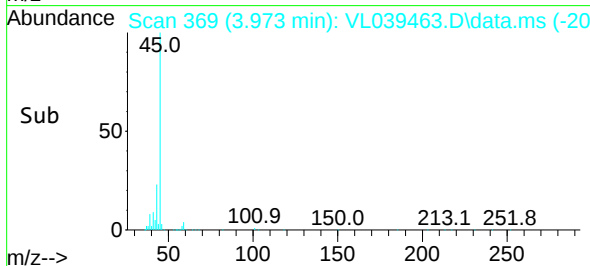
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



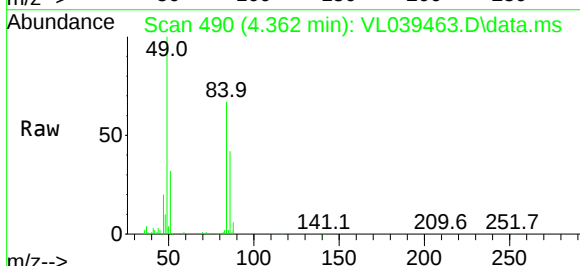
Tgt Ion: 45 Resp: 99386
Ion Ratio Lower Upper
45 100
58 1.8 3.2 4.8

Manual Integrations
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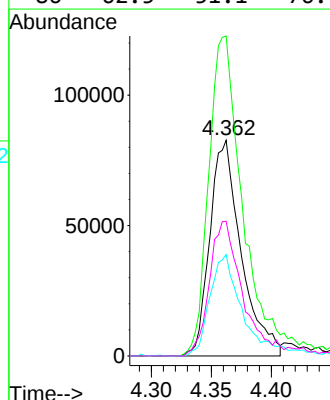
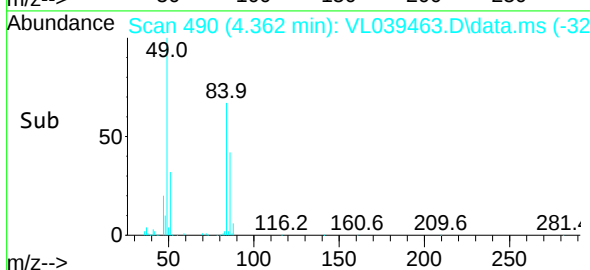
Reviewed By :Semsettin Yesilyurt 07/13/2022
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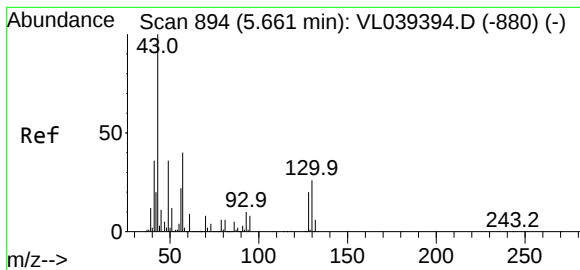


#20
Methylene Chloride
Concen: 2.396 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.032 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16



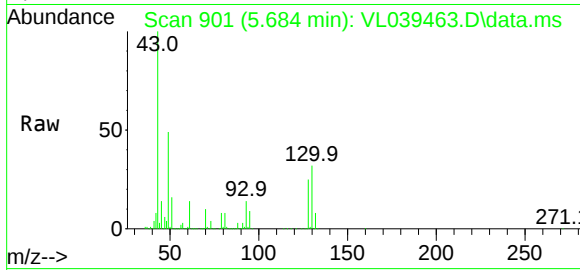
Tgt Ion: 84 Resp: 150440
Ion Ratio Lower Upper
84 100
49 148.4 123.1 184.7
51 47.0 34.4 51.6
86 62.5 51.1 76.7





#25
Ethyl Acetate
Concen: 8.835 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.023 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

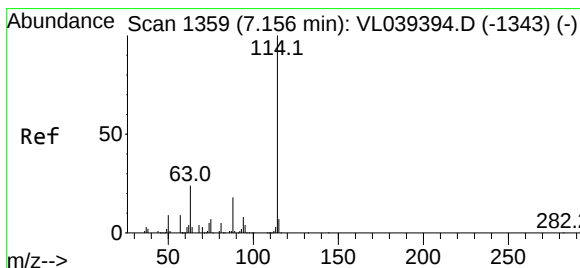
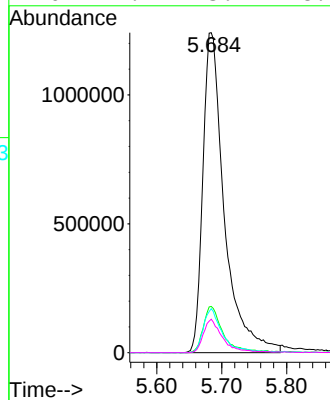
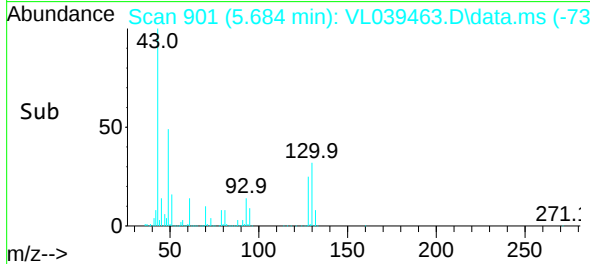
Instrument :
MSVOA_L
ClientSampleId :
SG-7DL



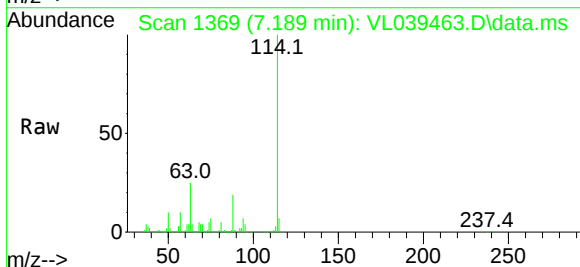
Tgt Ion: 43 Resp: 2852998
Ion Ratio Lower Upper
43 100
45 13.8 8.2 12.4
61 12.7 8.3 12.5
70 9.7 5.9 8.9

Manual Integrations
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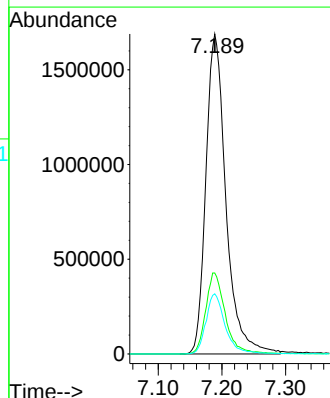
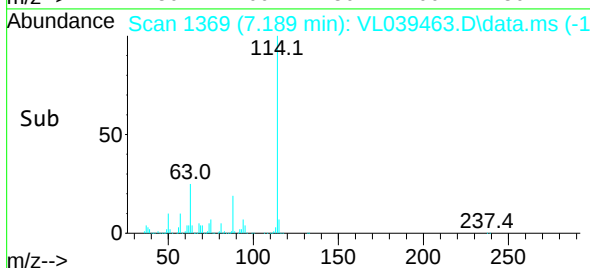
Reviewed By :Semsettin Yesilyurt 07/13/2022
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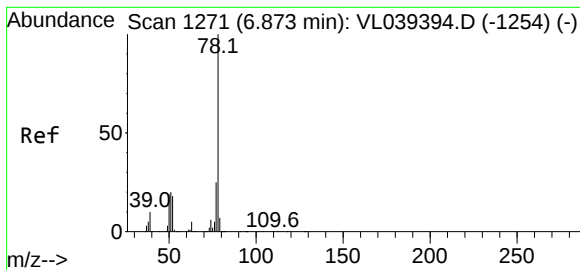


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16



Tgt Ion:114 Resp: 3697163
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.2 14.5 21.7





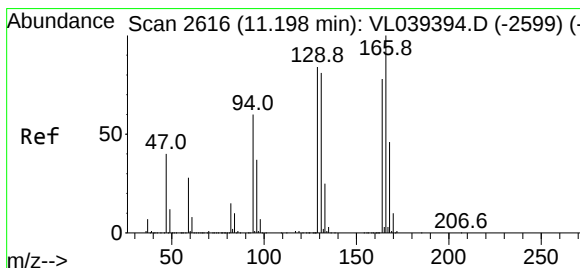
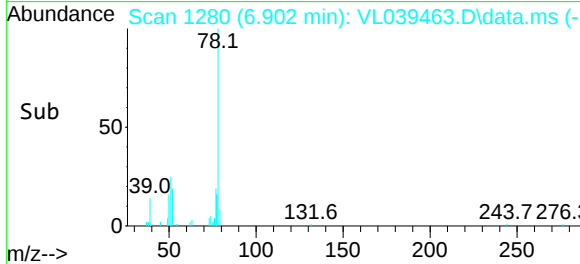
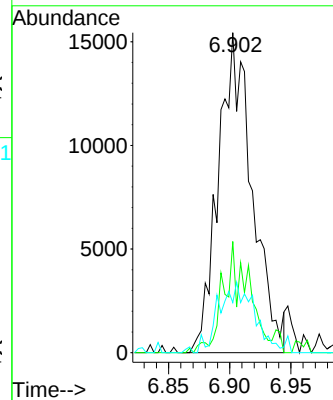
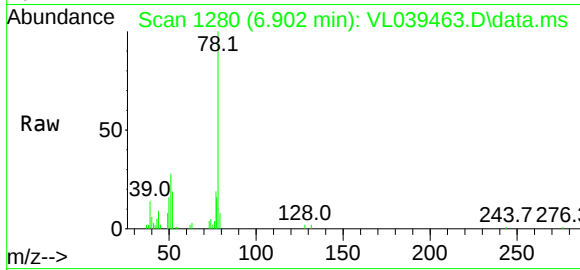
#36
Benzene
Concen: 0.104 ppbv m
RT: 6.902 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Tgt Ion: 78 Resp: 2964
Ion Ratio Lower Upper
78 100
77 18.7 20.3 30.5
50 15.7 15.5 23.3

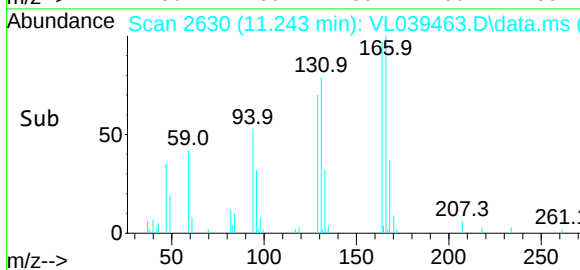
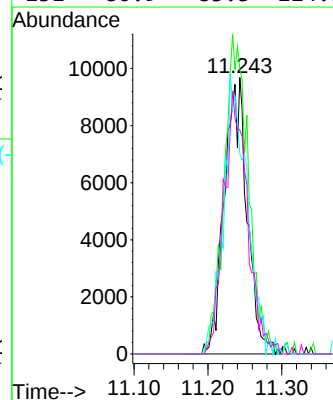
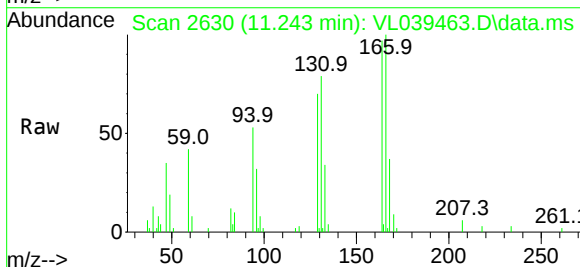
Manual Integrations
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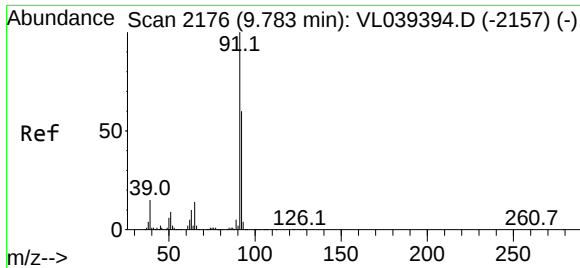
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Tetrachloroethene
Concen: 0.181 ppbv m
RT: 11.243 min Scan# 2630
Delta R.T. 0.045 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Tgt Ion:164 Resp: 20823
Ion Ratio Lower Upper
164 100
166 103.1 102.2 153.2
129 72.6 85.8 128.8#
131 80.9 83.3 124.9#





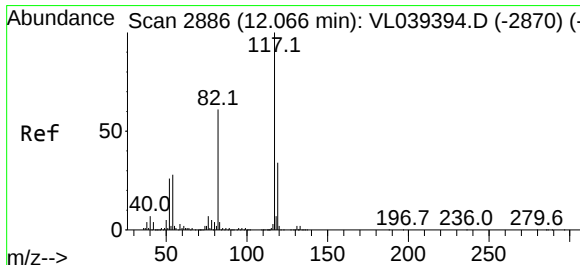
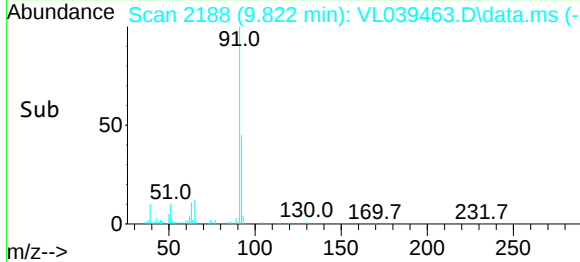
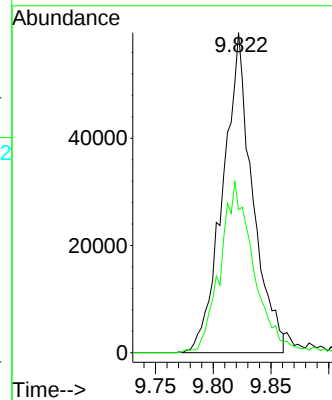
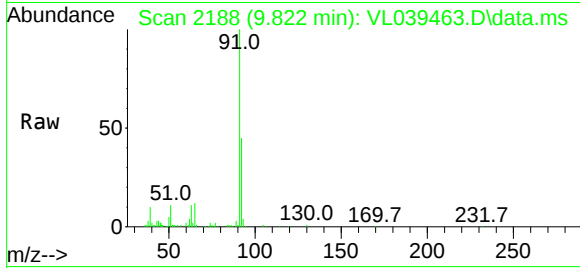
#53
Toluene
Concen: 0.324 ppbv
RT: 9.822 min Scan# 2176
Delta R.T. 0.039 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Tgt Ion: 91 Resp: 106917
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.2

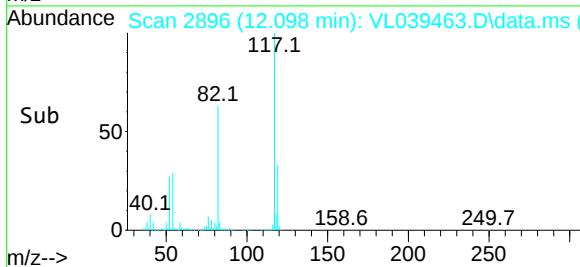
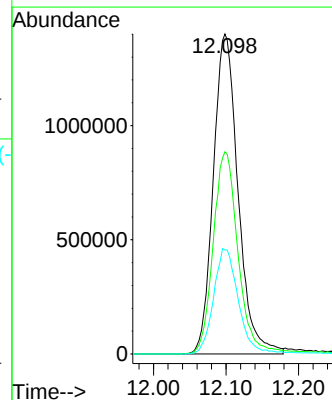
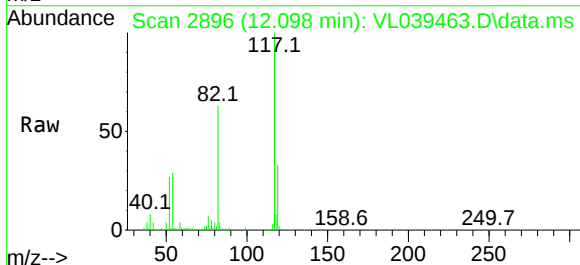
Manual Integrations
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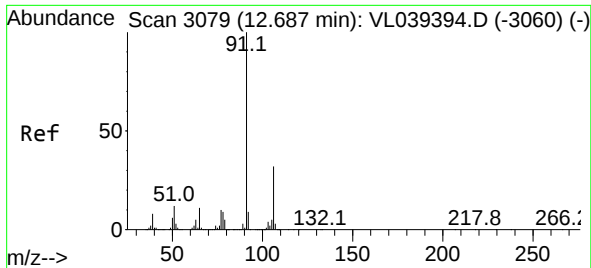
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.032 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Tgt Ion:117 Resp: 3322945
Ion Ratio Lower Upper
117 100
82 64.9 50.8 76.2
119 33.5 24.1 36.1





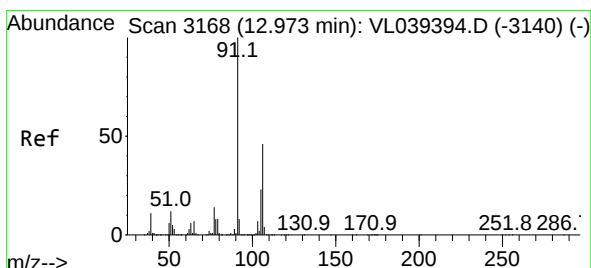
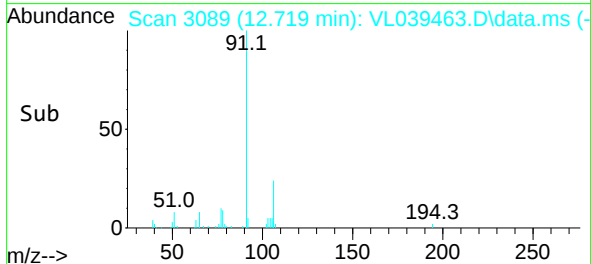
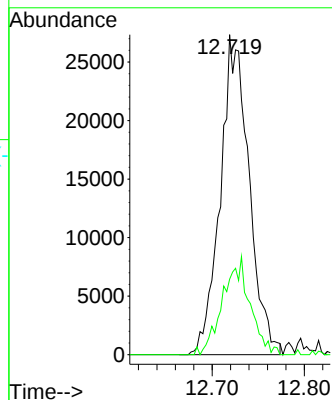
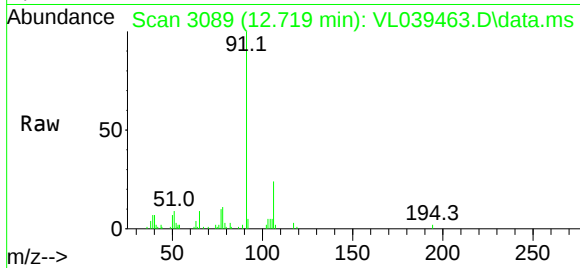
#58
Ethyl Benzene
Concen: 0.138 ppbv m
RT: 12.719 min Scan# 3079
Delta R.T. 0.032 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Instrument :
MSVOA_L
ClientSampleId :
SG-7DL

Tgt Ion: 91 Resp: 59090
Ion Ratio Lower Upper
91 100
106 23.6 25.4 38.0

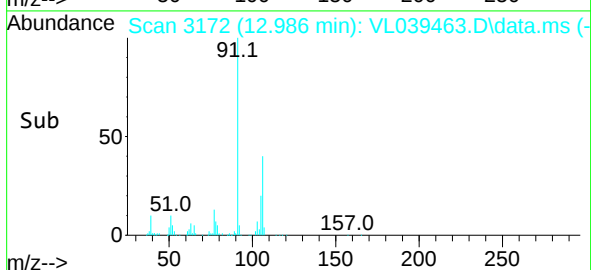
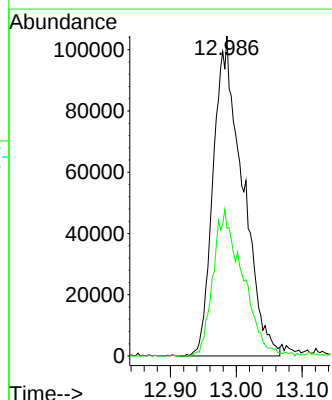
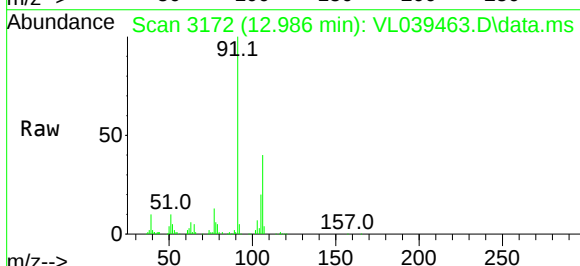
Manual Integrations
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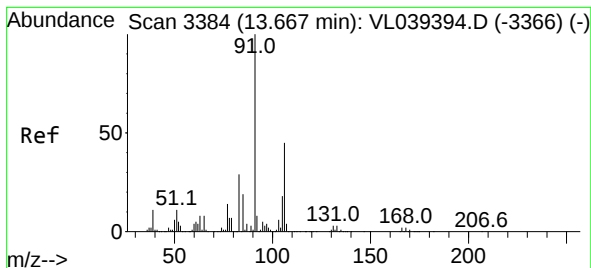
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#59
m/p-Xylene
Concen: 0.851 ppbv m
RT: 12.986 min Scan# 3172
Delta R.T. 0.013 min
Lab File: VL039463.D
Acq: 13 Jul 2022 1:16

Tgt Ion: 91 Resp: 321787
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2





#60

o-Xylene

Concen: 0.419 ppbv

RT: 13.700 min Scan# 31

Delta R.T. 0.032 min

Lab File: VL039463.D

Acq: 13 Jul 2022 1:16

Instrument :

MSVOA_L

ClientSampleId :

SG-7DL

Tgt Ion: 91 Resp: 15002

Ion Ratio Lower Upper

91 100

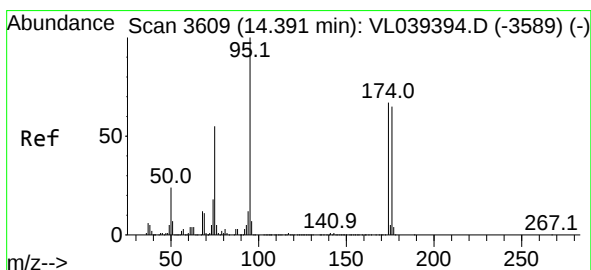
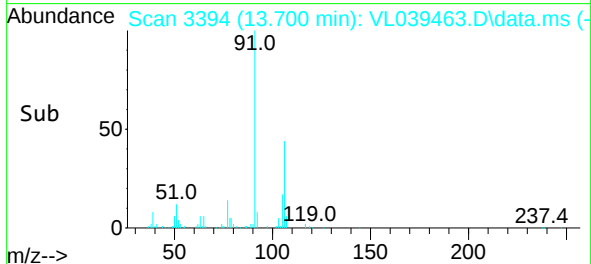
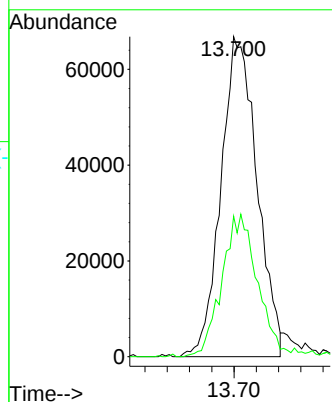
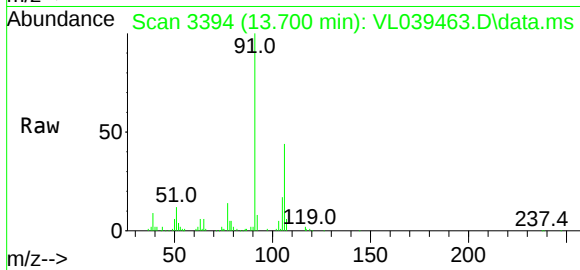
106 45.2 22.4 67.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.328 ppbv

RT: 14.426 min Scan# 3620

Delta R.T. 0.035 min

Lab File: VL039463.D

Acq: 13 Jul 2022 1:16

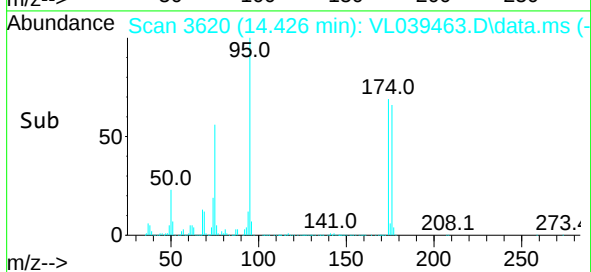
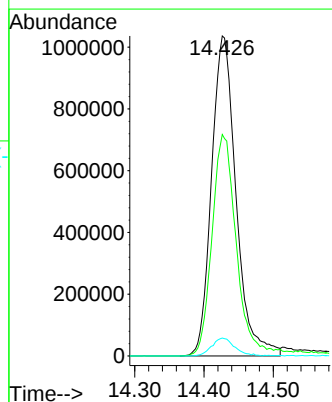
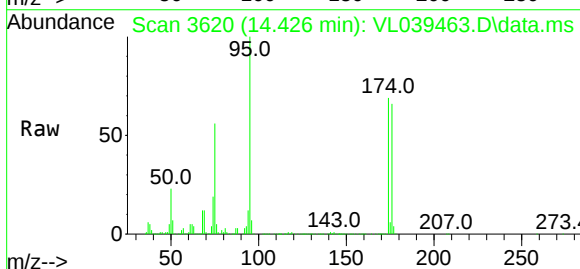
Tgt Ion: 95 Resp: 2546052

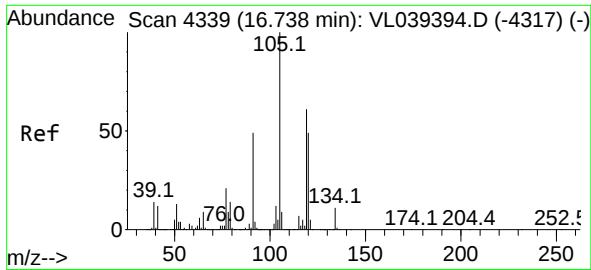
Ion Ratio Lower Upper

95 100

174 71.9 55.9 83.9

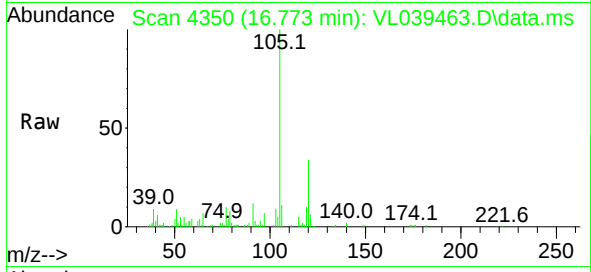
175 5.4 4.2 6.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.233 ppbv
 RT: 16.773 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: VL039463.D
 Acq: 13 Jul 2022 1:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7DL



Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.7	39.5	59.3
91	12.5	39.2	58.8
77	9.5	17.2	25.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

