

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039960.D
 Acq On : 2 Dec 2022 2:44
 Operator : SY/MD
 Sample : N5851-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:37:58 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1120662	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3189715	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2909448	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	2264567	10.190	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						Qvalue
9) Propene	2.661	41	111262	1.527	ppbv	95
13) Ethanol	3.218	45	86586m	15.569	ppbv	
15) Acetone	3.443	43	139092	0.936	ppbv #	88
17) tert-Butyl alcohol	3.874	59	28557m	0.167	ppbv	
19) Isopropyl Alcohol	3.565	45	14994	0.186	ppbv	90
20) Methylene Chloride	3.899	84	38375	0.533	ppbv #	91
26) Hexane	5.179	57	31462	0.264	ppbv #	37
27) Carbon Disulfide	4.092	76	90141m	0.599	ppbv	
34) 2-Butanone	4.771	43	42283m	0.277	ppbv	
36) Benzene	6.333	78	44403	0.164	ppbv	96
52) Tetrachloroethene	10.600	164	6227m	0.061	ppbv	
53) Toluene	9.188	91	36379m	0.118	ppbv	
57) Chlorobenzene	11.500	112	25460m	0.114	ppbv	
59) m/p-Xylene	12.310	91	44277m	0.134	ppbv	

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

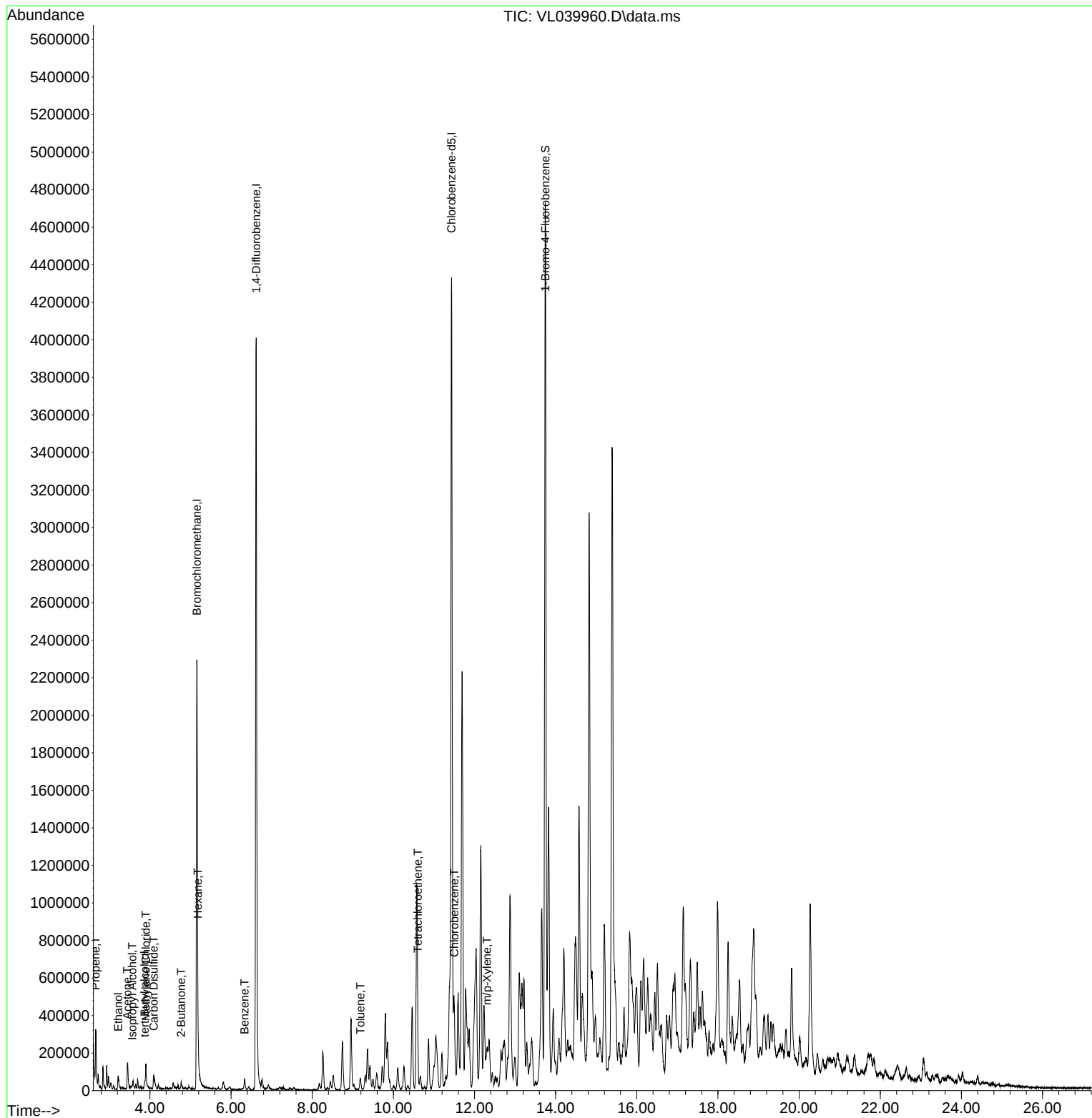
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039960.D
Acq On : 2 Dec 2022 2:44
Operator : SY/MD
Sample : N5851-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Quant Time: Dec 02 05:37:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

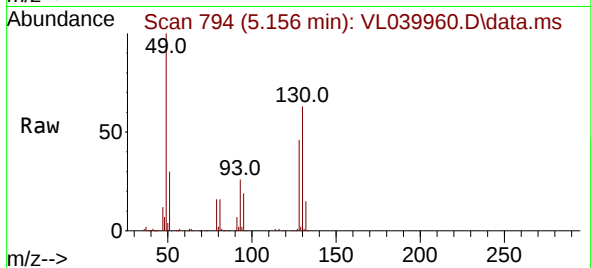
Reviewed By : Semsettin Yesilyurt 12/02/2022
Supervised By : Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 74
Delta R.T. -0.017 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

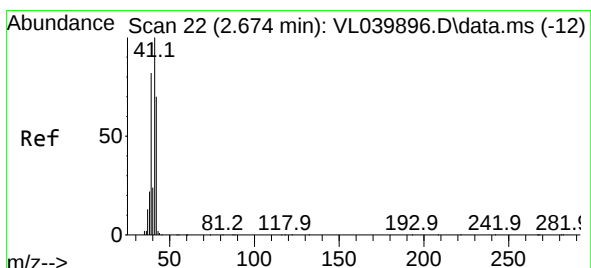
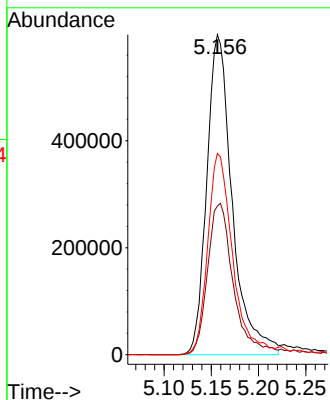
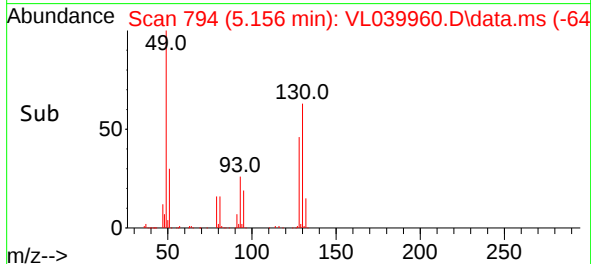
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



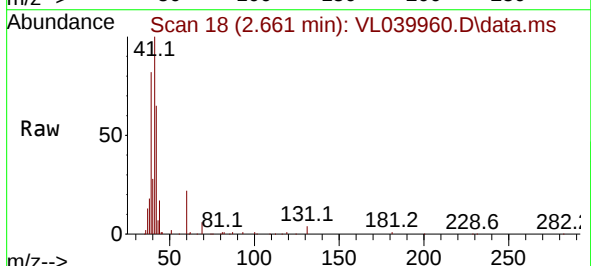
Tgt Ion: 49 Resp: 1120662
Ion Ratio Lower Upper
49 100
128 50.5 22.1 66.3
130 65.1 27.7 83.1

Manual Integrations
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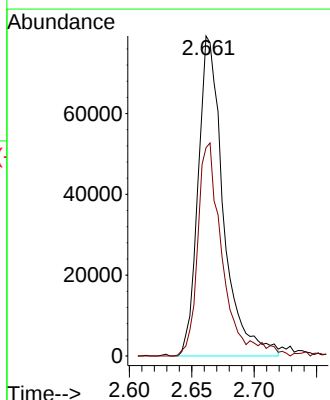
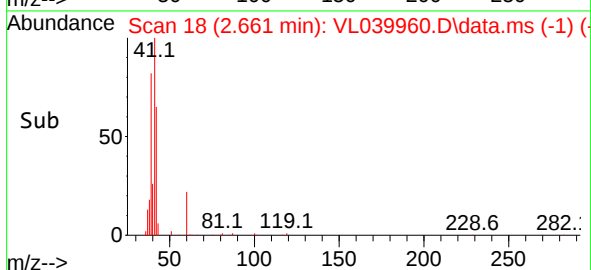
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

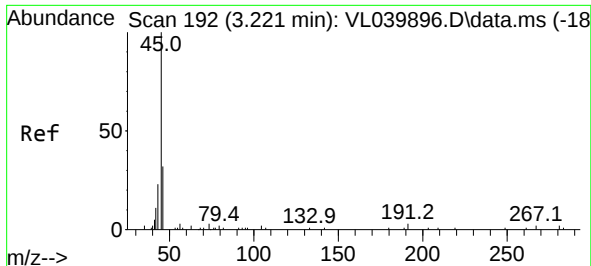


#9
Propene
Concen: 1.527 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.010 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44



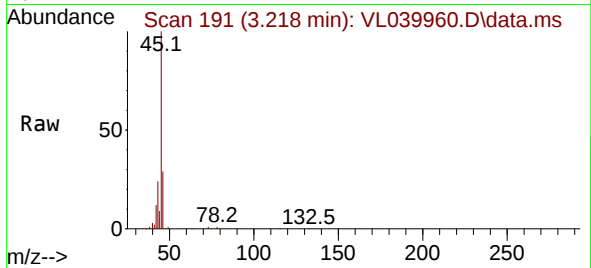
Tgt Ion: 41 Resp: 111262
Ion Ratio Lower Upper
41 100
42 65.8 55.8 83.6





#13
Ethanol
Concen: 15.569 ppbv m
RT: 3.218 min Scan# 191
Delta R.T. -0.010 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

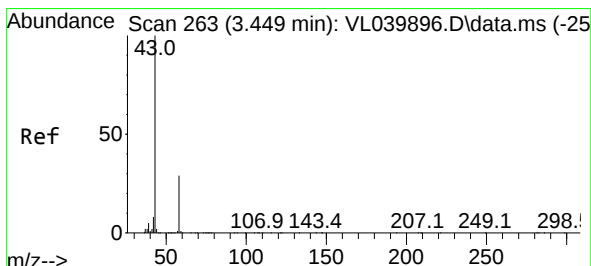
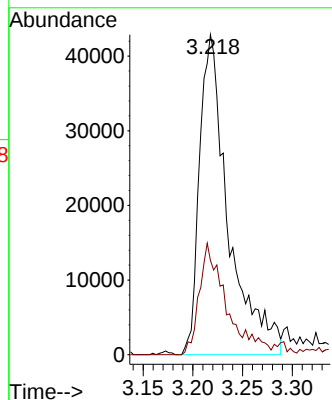
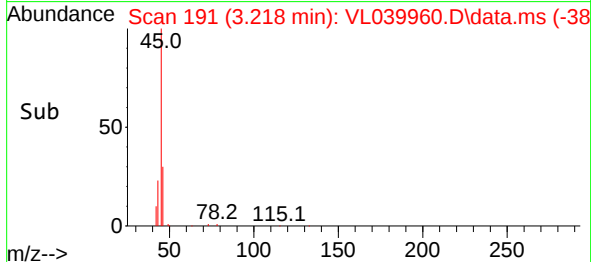
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



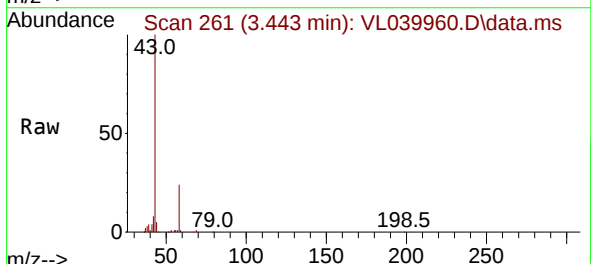
Tgt Ion: 45 Resp: 86580
Ion Ratio Lower Upper
45 100
46 32.7 14.6 58.2

Manual Integrations
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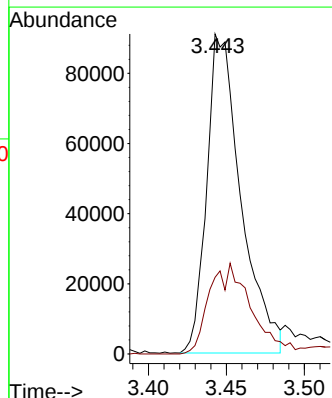
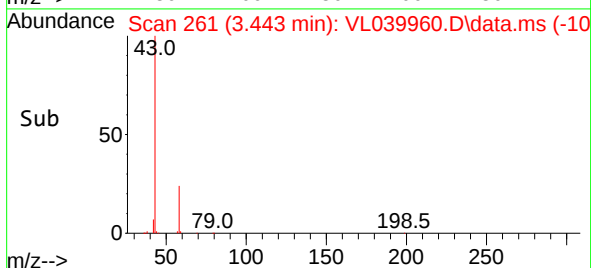
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

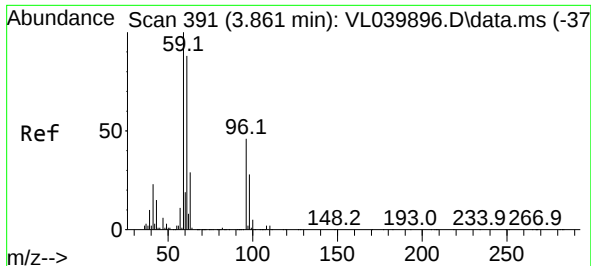


#15
Acetone
Concen: 0.936 ppbv
RT: 3.443 min Scan# 261
Delta R.T. -0.003 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44



Tgt Ion: 43 Resp: 139092
Ion Ratio Lower Upper
43 100
58 34.7 22.9 34.3#





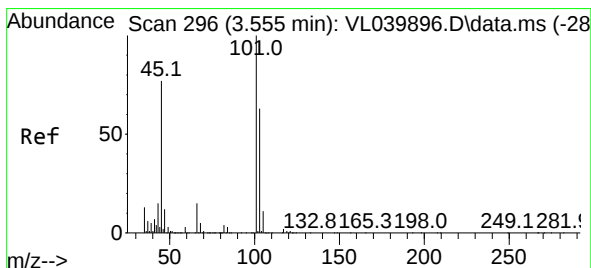
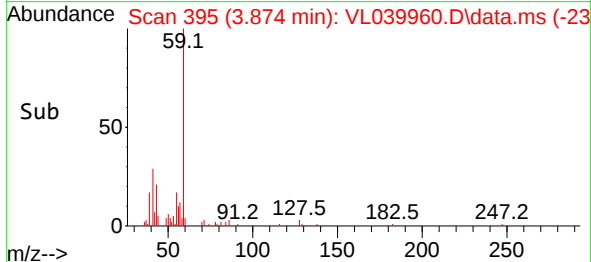
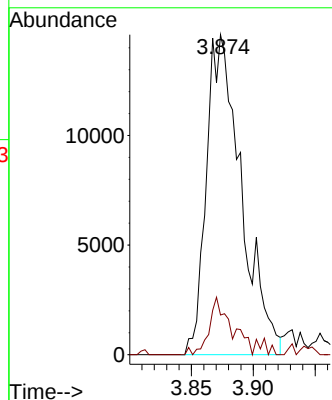
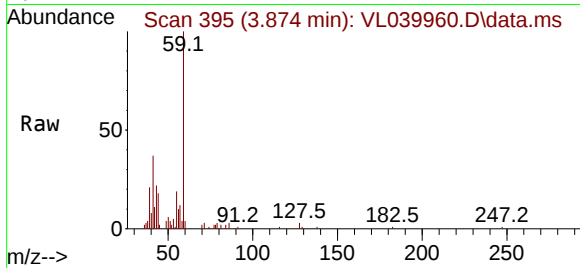
#17
tert-Butyl alcohol
Concen: 0.167 ppbv m
RT: 3.874 min Scan# 391
Delta R.T. 0.016 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 59 Resp: 2855
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

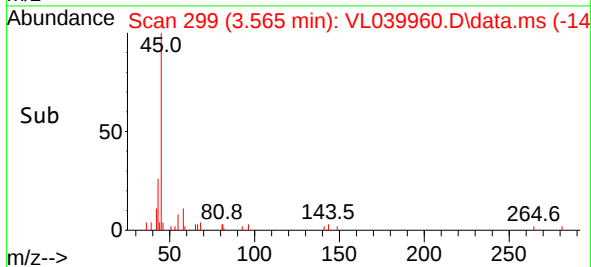
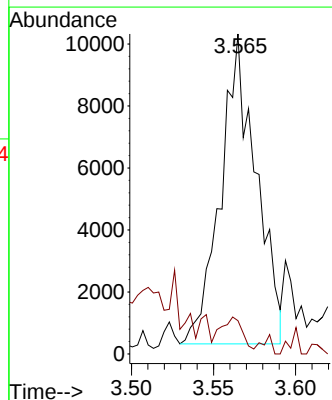
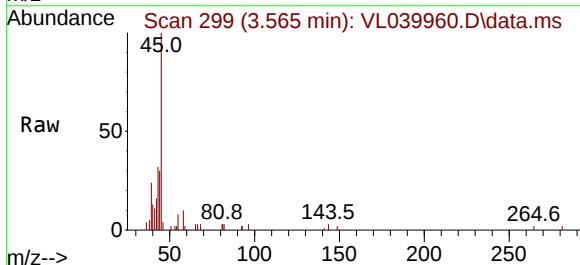
Manual Integrations
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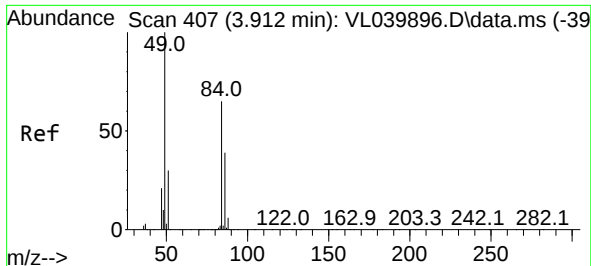
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#19
Isopropyl Alcohol
Concen: 0.186 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.010 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

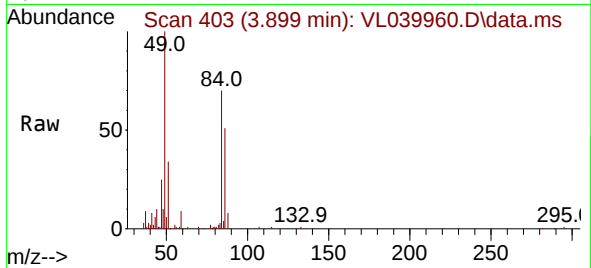
Tgt Ion: 45 Resp: 14994
Ion Ratio Lower Upper
45 100
58 41.6 38.7 58.1





#20
Methylene Chloride
Concen: 0.533 ppbv
RT: 3.899 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

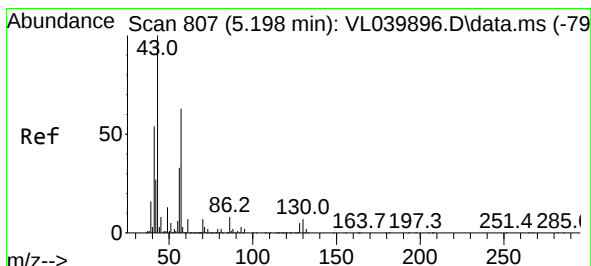
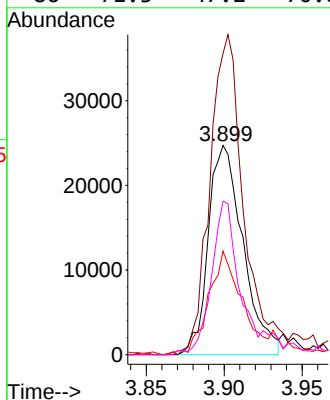
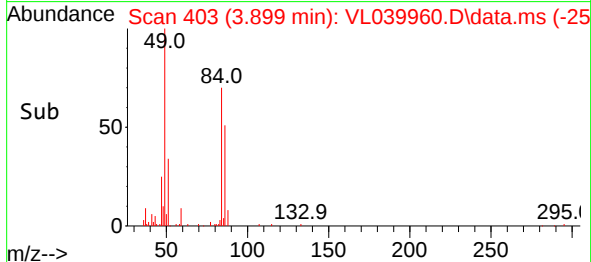
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



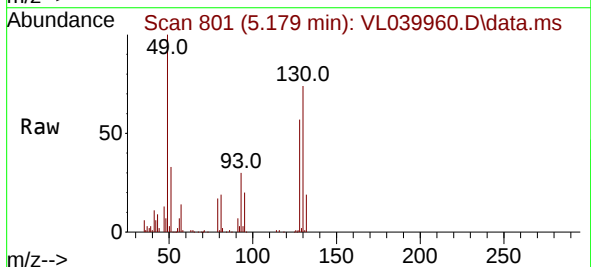
Tgt Ion: 84 Resp: 38375
Ion Ratio Lower Upper
84 100
49 143.8 122.2 183.4
51 47.7 36.3 54.5
86 71.3 47.2 70.8#

Manual Integrations
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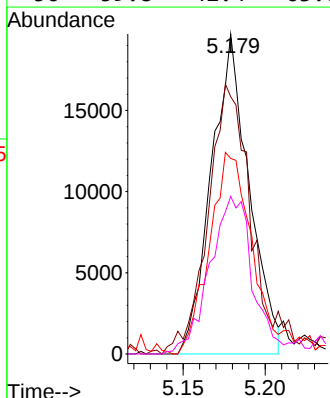
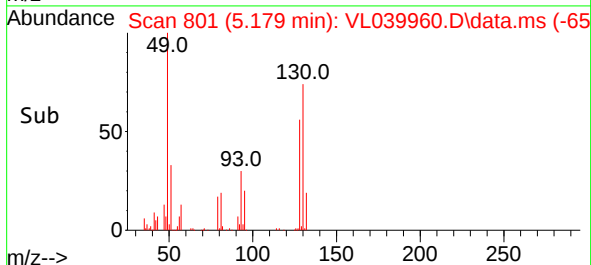
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

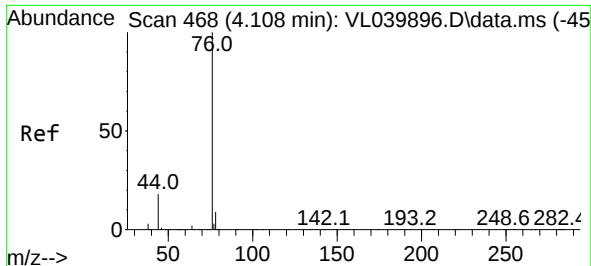


#26
Hexane
Concen: 0.264 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.016 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44



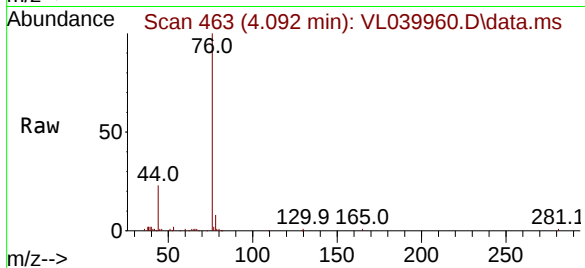
Tgt Ion: 57 Resp: 31462
Ion Ratio Lower Upper
57 100
41 97.8 72.3 108.5
43 73.9 188.7 283.1#
56 59.8 42.4 63.6





#27
Carbon Disulfide
Concen: 0.599 ppbv m
RT: 4.092 min Scan# 401
Delta R.T. -0.013 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

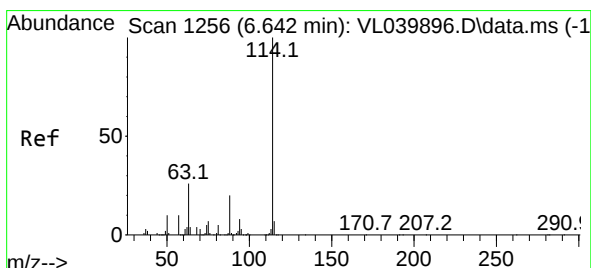
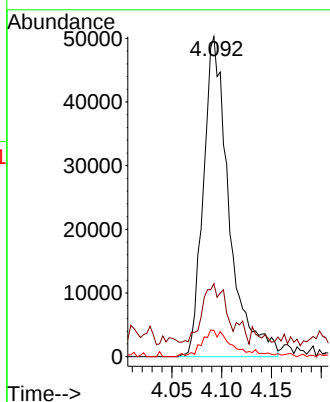
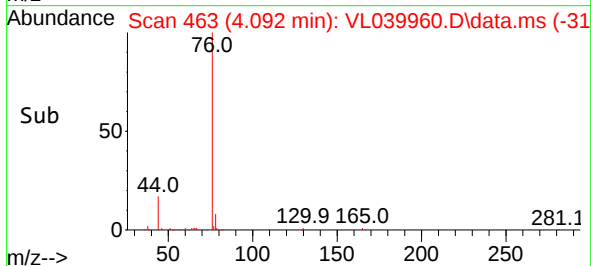
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



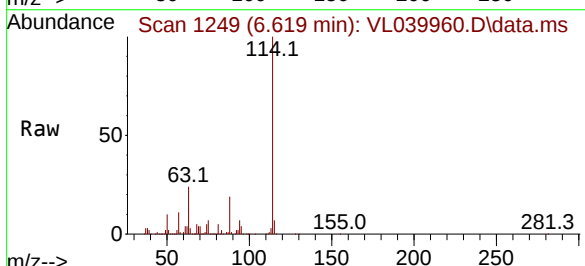
Tgt Ion: 76 Resp: 9014
Ion Ratio Lower Upper
76 100
44 20.4 14.7 22.1
78 10.4 7.8 11.8

Manual Integrations
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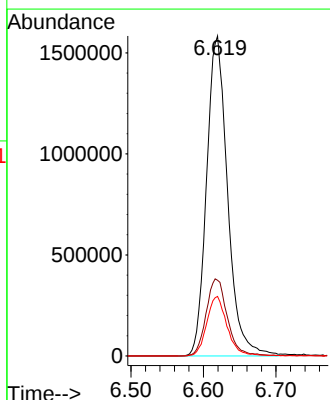
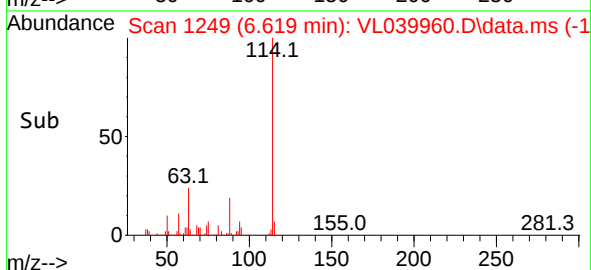
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

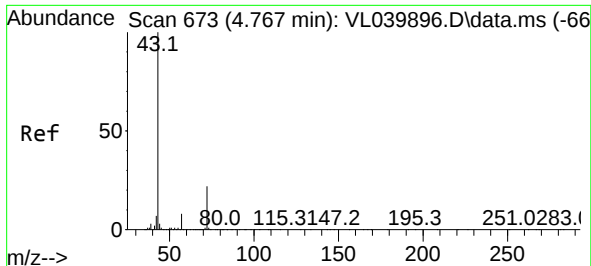


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. -0.016 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44



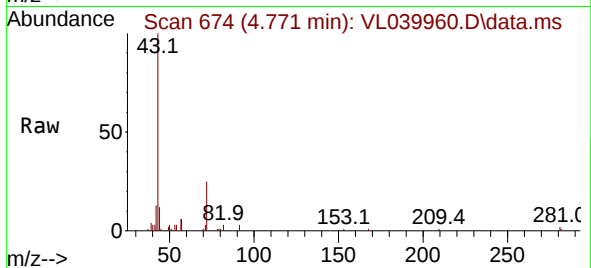
Tgt Ion:114 Resp: 3189715
Ion Ratio Lower Upper
114 100
63 24.4 21.4 32.0
88 18.2 15.3 22.9





#34
2-Butanone
Concen: 0.277 ppbv m
RT: 4.771 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

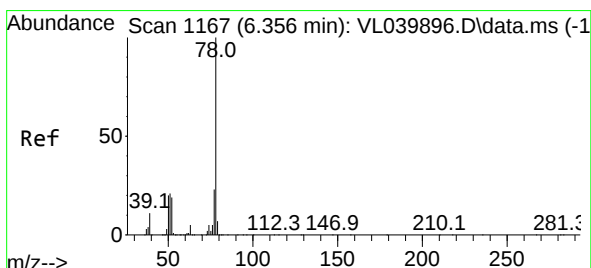
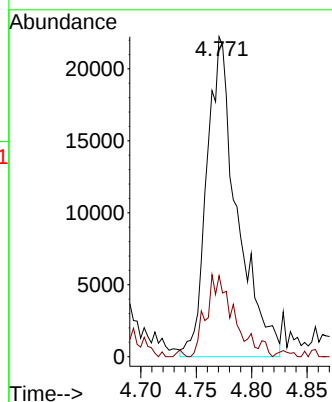
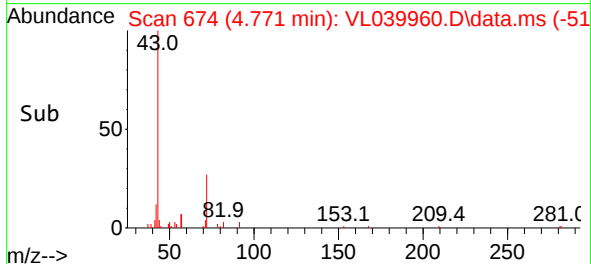
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



Tgt Ion: 43 Resp: 4228
Ion Ratio Lower Upper
43 100
72 25.1 17.4 26.2

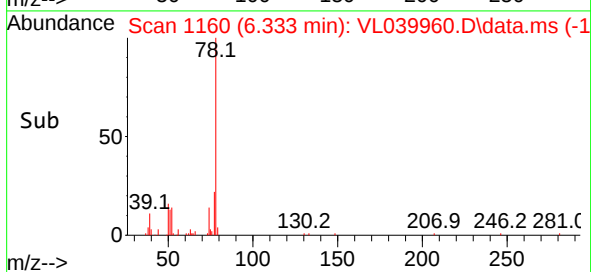
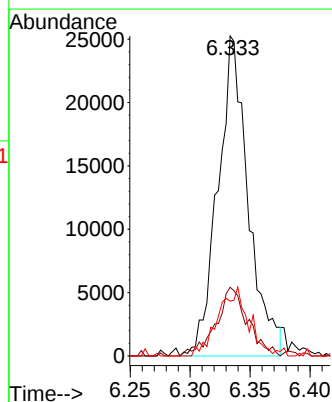
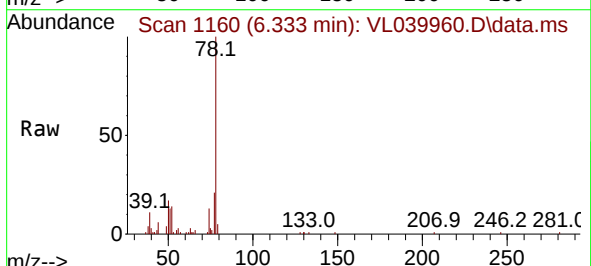
Manual Integrations
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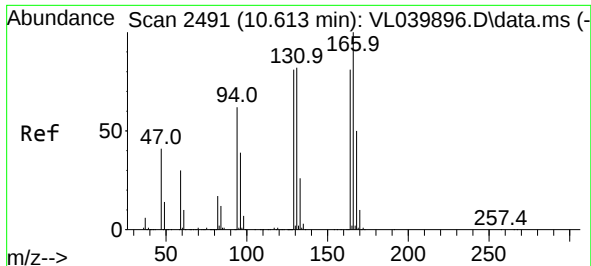
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#36
Benzene
Concen: 0.164 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.019 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

Tgt Ion: 78 Resp: 44403
Ion Ratio Lower Upper
78 100
77 21.5 18.2 27.2
50 17.1 15.8 23.8





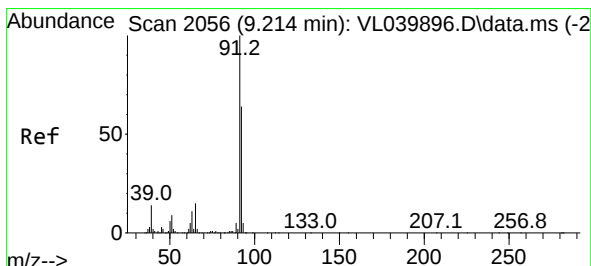
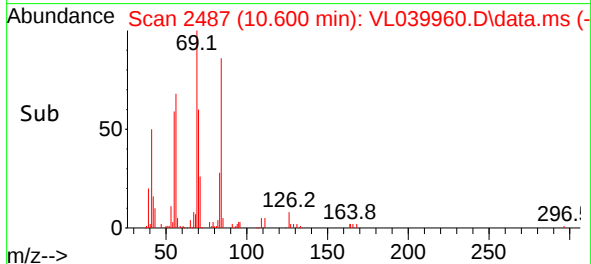
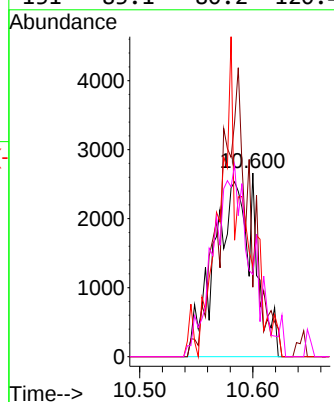
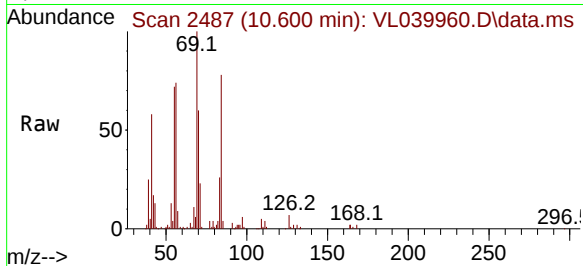
#52
Tetrachloroethene
Concen: 0.061 ppbv m
RT: 10.600 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion:164 Resp: 6227
Ion Ratio Lower Upper
164 100
166 70.1 98.3 147.5
129 91.6 79.7 119.5
131 83.1 80.2 120.4

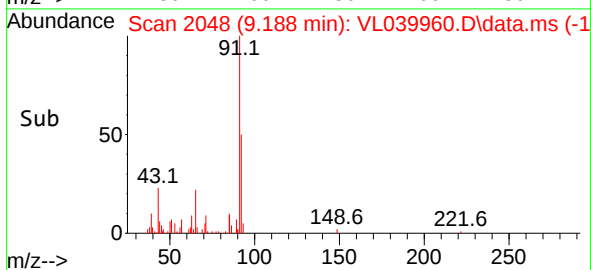
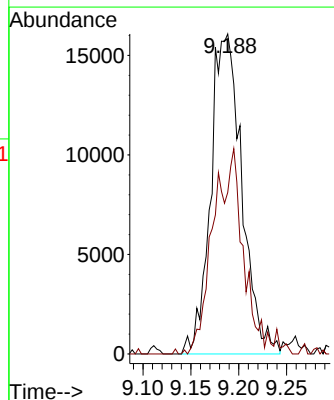
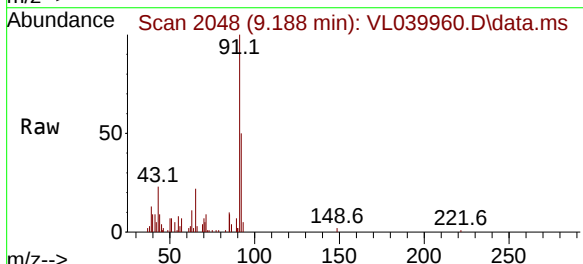
Manual Integrations
APPROVED

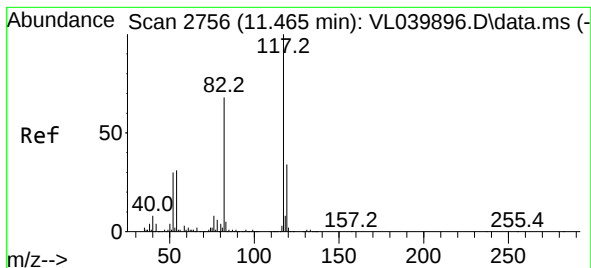
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#53
Toluene
Concen: 0.118 ppbv m
RT: 9.188 min Scan# 2048
Delta R.T. -0.016 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

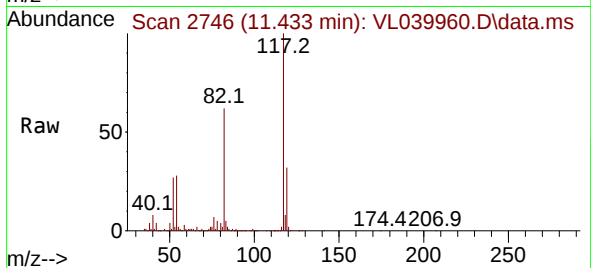
Tgt Ion: 91 Resp: 36379
Ion Ratio Lower Upper
91 100
92 0.0 49.8 74.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44

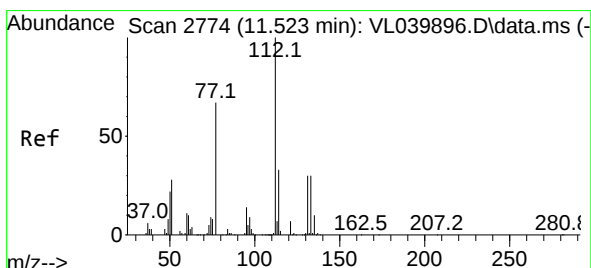
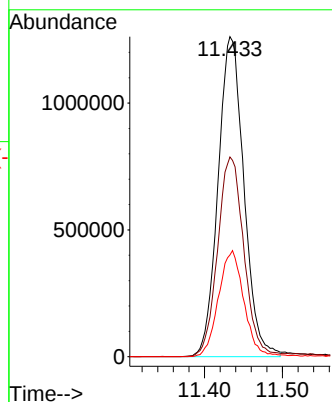
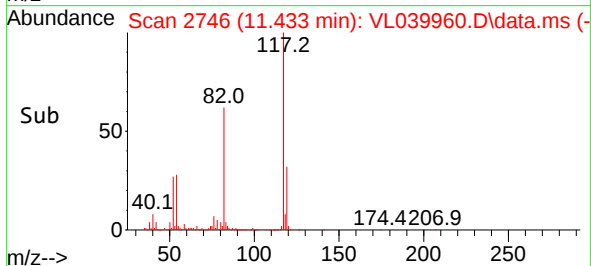
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



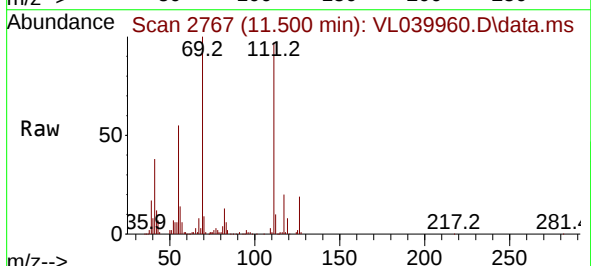
Tgt Ion:117 Resp: 290944
Ion Ratio Lower Upper
117 100
82 64.6 52.3 78.5
119 32.9 25.7 38.5

Manual Integrations
APPROVED

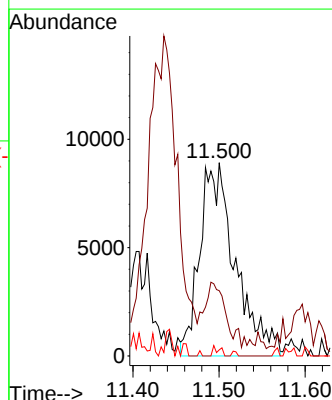
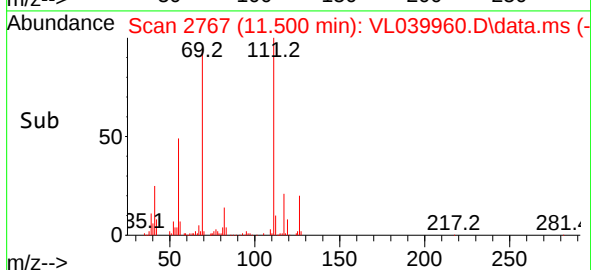
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

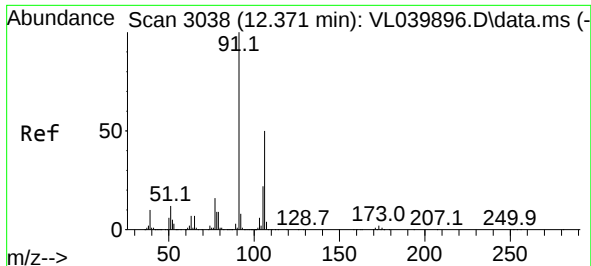


#57
Chlorobenzene
Concen: 0.114 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. -0.013 min
Lab File: VL039960.D
Acq: 2 Dec 2022 2:44



Tgt Ion:112 Resp: 25460
Ion Ratio Lower Upper
112 100
77 33.8 54.6 81.8#
114 3.2 30.1 36.7#





#59

m/p-Xylene

Concen: 0.134 ppbv m

RT: 12.310 min Scan# 3038

Delta R.T. -0.048 min

Lab File: VL039960.D

Acq: 2 Dec 2022 2:44

Instrument :

MSVOA_L

ClientSampleId :

SG-1DL

Tgt Ion: 91 Resp: 4427

Ion Ratio Lower Upper

91 100

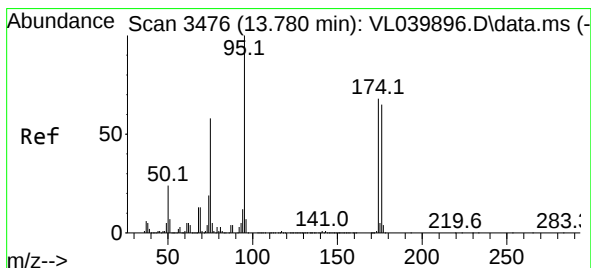
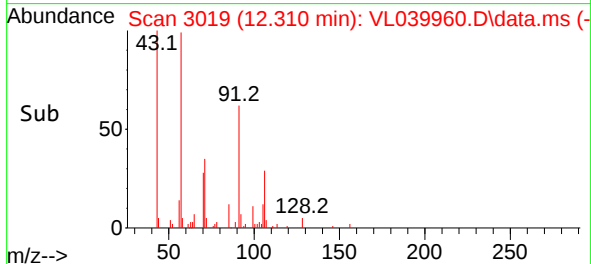
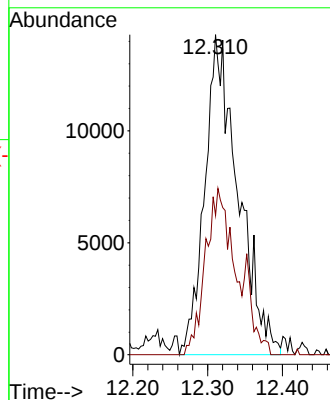
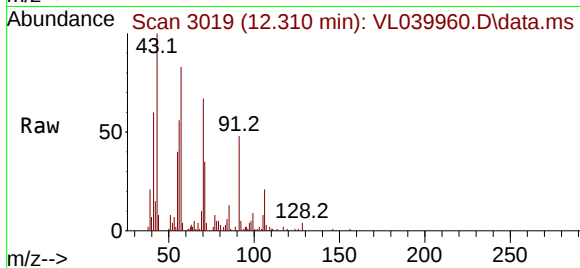
106 0.0 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.190 ppbv

RT: 13.745 min Scan# 3465

Delta R.T. -0.019 min

Lab File: VL039960.D

Acq: 2 Dec 2022 2:44

Tgt Ion: 95 Resp: 2264567

Ion Ratio Lower Upper

95 100

174 66.9 53.7 80.5

175 5.0 4.0 6.0

