

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039784.D
 Acq On : 25 Oct 2022 9:02
 Operator : SY/AP
 Sample : N5227-07DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GDUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 25 15:03:34 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	911925	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2397840	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2067727	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1498704	10.189	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	25060	0.262	ppbv	92
9) Propene	2.713	41	915164	19.444	ppbv	90
10) Heptane	7.578	43	54415	0.483	ppbv	98
11) Trichlorofluoromethane	3.581	101	31640	0.237	ppbv	95
15) Acetone	3.481	43	1306907	11.998	ppbv	97
20) Methylene Chloride	3.947	84	423220	10.213	ppbv	97
26) Hexane	5.221	57	327458	3.698	ppbv #	36
27) Carbon Disulfide	4.140	76	61338	0.584	ppbv #	89
34) 2-Butanone	4.800	43	167224	1.482	ppbv	96
36) Benzene	6.372	78	1217355	6.592	ppbv	99
53) Toluene	9.217	91	634942	3.282	ppbv	99
58) Ethyl Benzene	12.082	91	67491	0.287	ppbv	96
59) m/p-Xylene	12.339	91	158925m	0.747	ppbv	

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

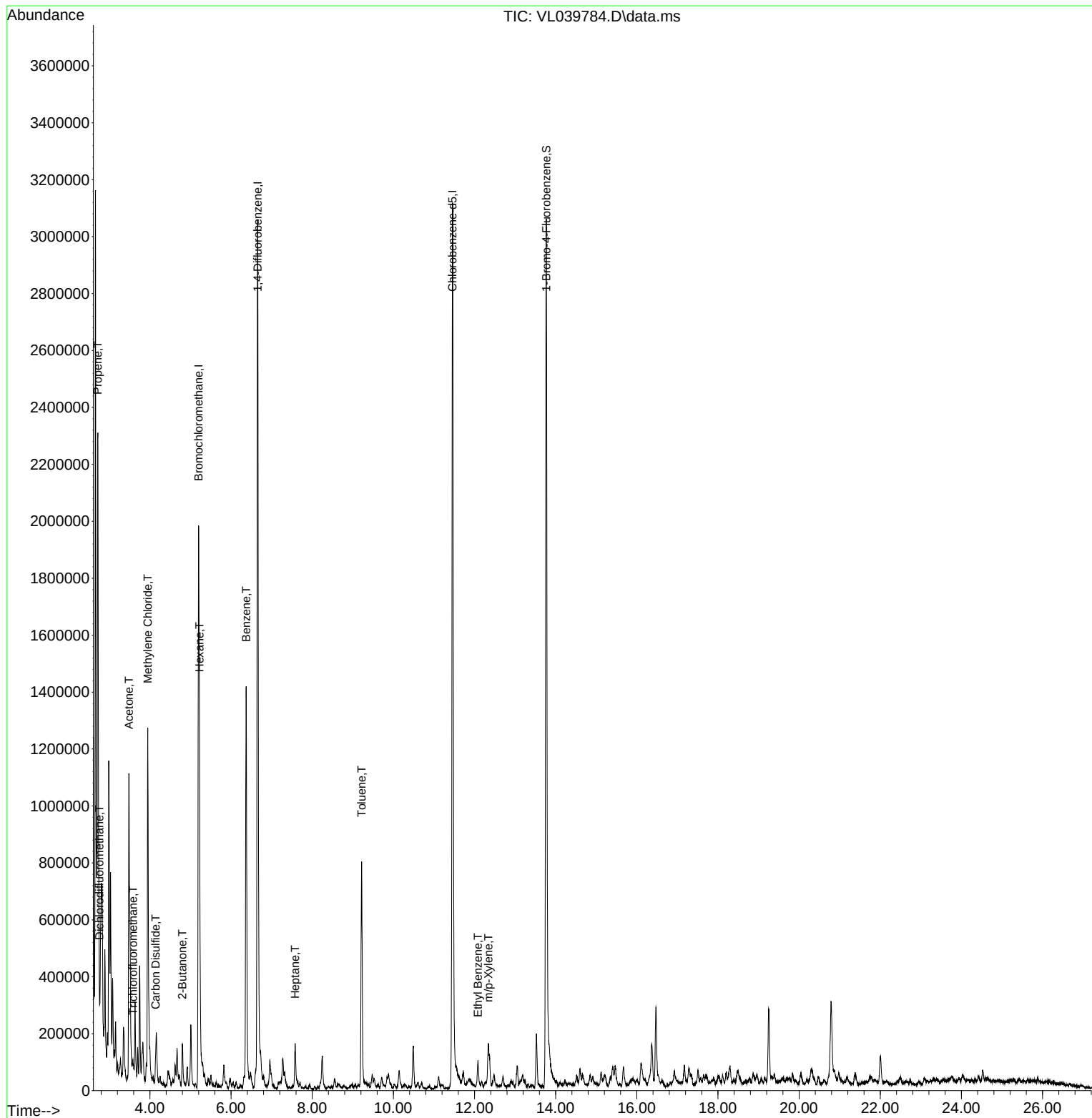
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039784.D
Acq On : 25 Oct 2022 9:02
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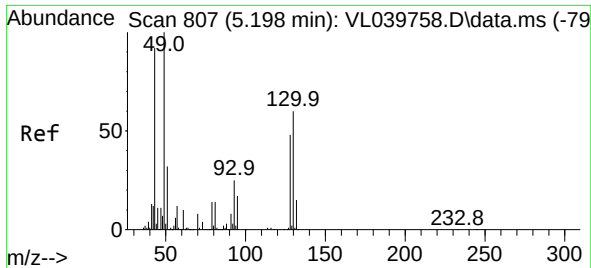
Instrument :
MSVOA_L
ClientSampleId :
GDUP

Quant Time: Oct 25 15:03:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

Manual Integrations
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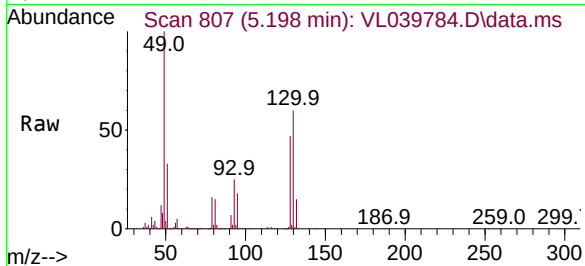
Reviewed By : Semsettin Yesilyurt 10/28/2022
Supervised By : Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

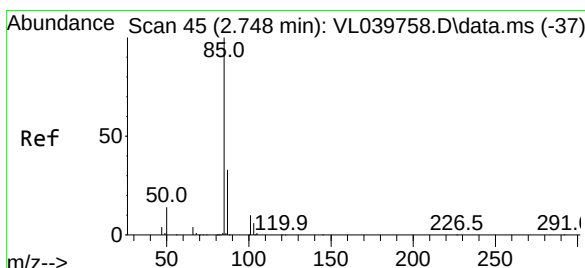
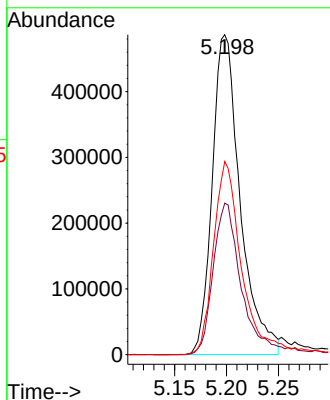
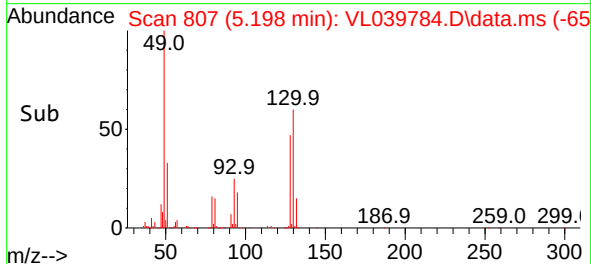
Instrument :
MSVOA_L
ClientSampleId :
GDUP



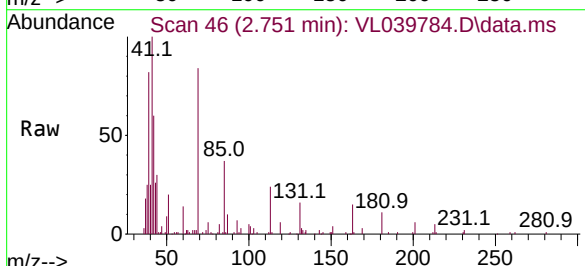
Tgt Ion: 49 Resp: 911925
Ion Ratio Lower Upper
49 100
128 49.6 24.6 74.0
130 62.8 31.8 95.3

Manual Integrations
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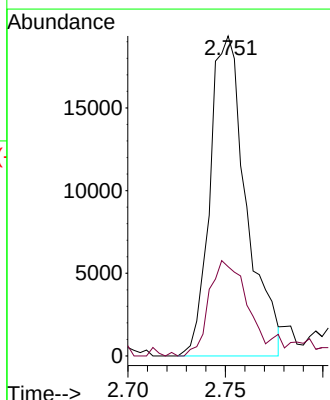
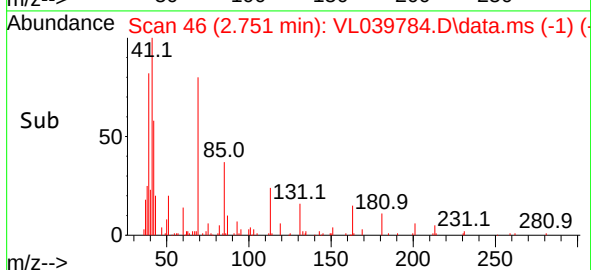
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Supervised By :Mahesh Dadoda 10/31/2022

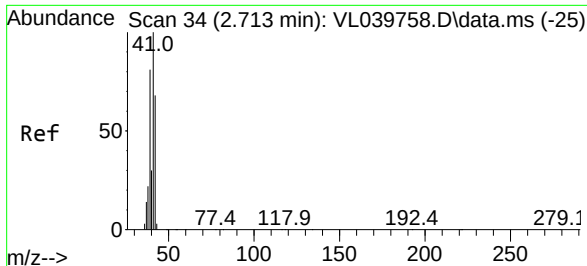


#2
Dichlorodifluoromethane
Concen: 0.262 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02



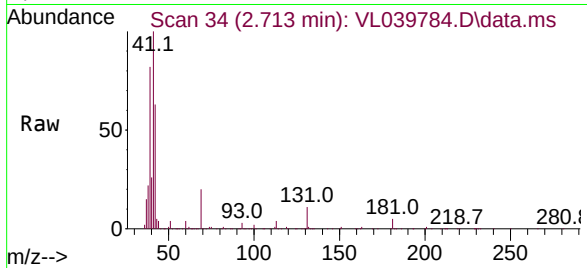
Tgt Ion: 85 Resp: 25060
Ion Ratio Lower Upper
85 100
87 27.9 26.1 39.1





#9
 Propene
 Concen: 19.444 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039784.D
 Acq: 25 Oct 2022 9:02

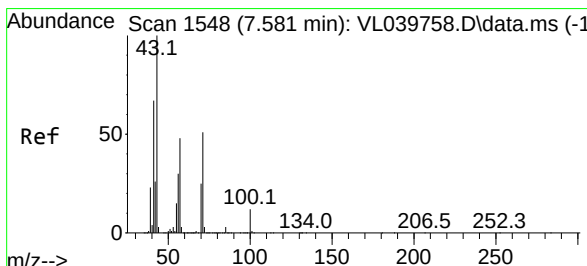
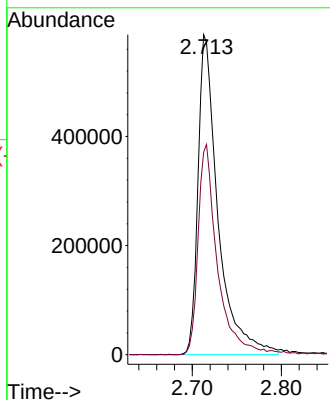
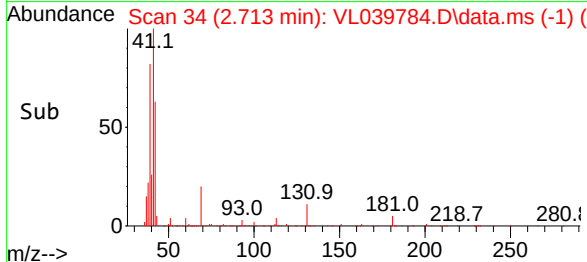
Instrument :
 MSVOA_L
 ClientSampleId :
 GDUP



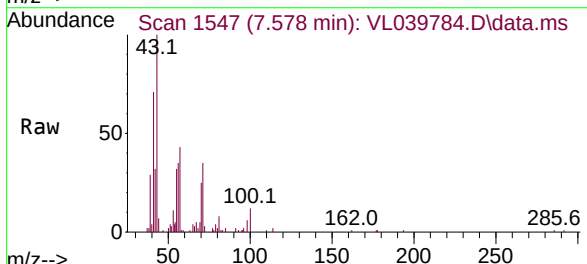
Tgt Ion: 41 Resp: 915164
 Ion Ratio Lower Upper
 41 100
 42 64.3 58.0 87.0

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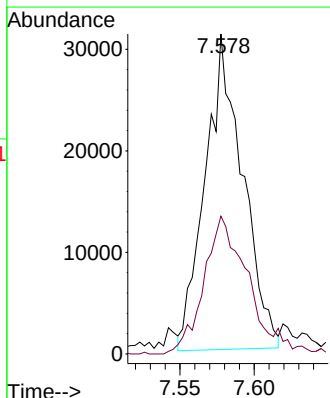
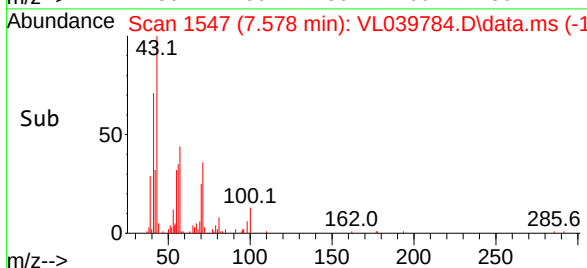
Reviewed By :Semsettin Yesilyurt 10/28/2022
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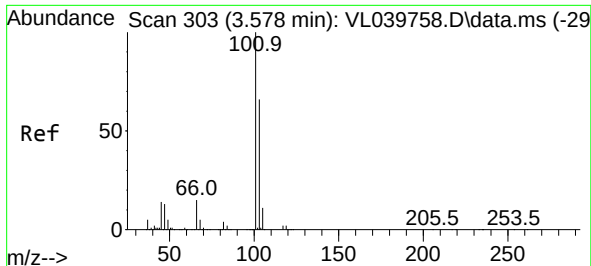


#10
 Heptane
 Concen: 0.483 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL039784.D
 Acq: 25 Oct 2022 9:02



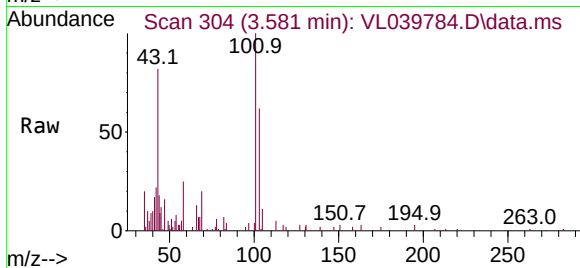
Tgt Ion: 43 Resp: 54415
 Ion Ratio Lower Upper
 43 100
 57 51.7 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.237 ppbv
RT: 3.581 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

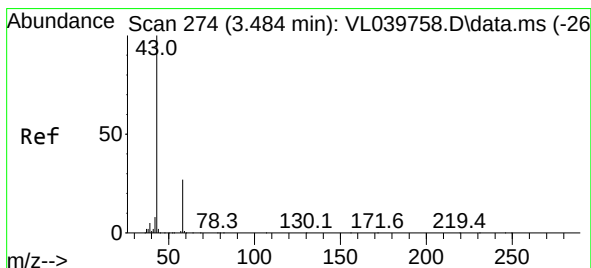
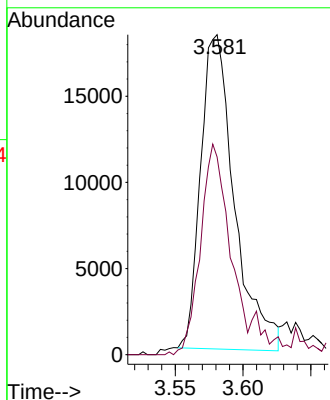
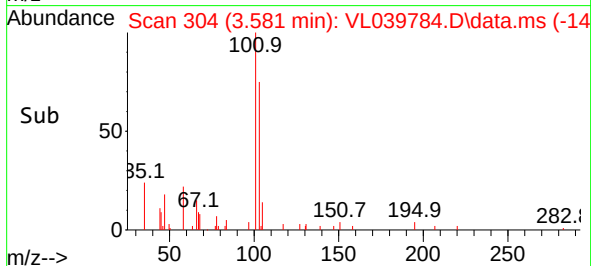
Instrument :
MSVOA_L
ClientSampleId :
GDUP



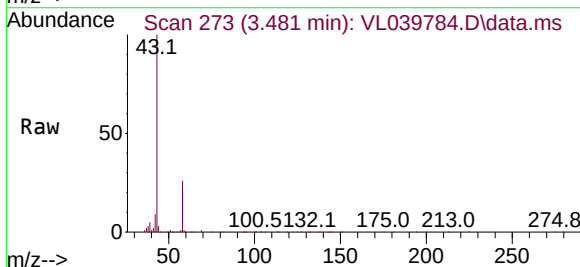
Tgt Ion:101 Resp: 31640
Ion Ratio Lower Upper
101 100
103 61.7 52.7 79.1

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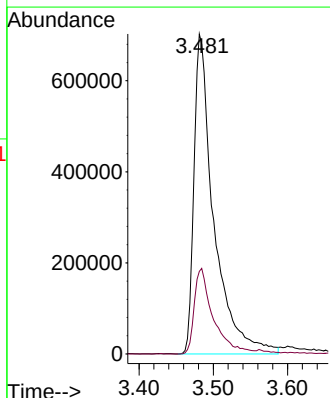
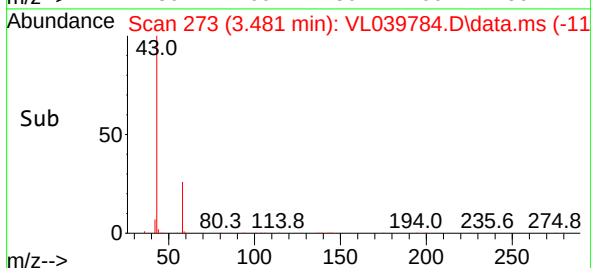
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

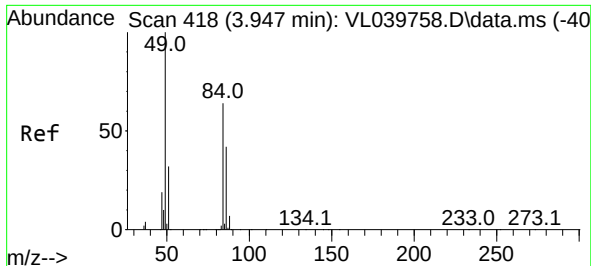


#15
Acetone
Concen: 11.998 ppbv
RT: 3.481 min Scan# 273
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02



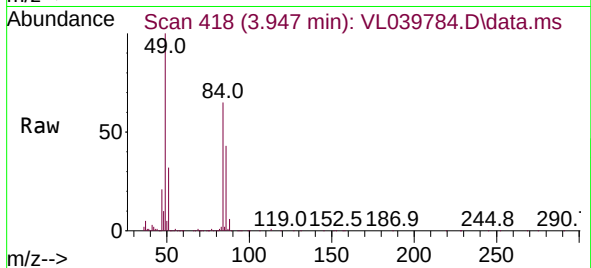
Tgt Ion: 43 Resp: 1306907
Ion Ratio Lower Upper
43 100
58 27.2 20.7 31.1





#20
Methylene Chloride
Concen: 10.213 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

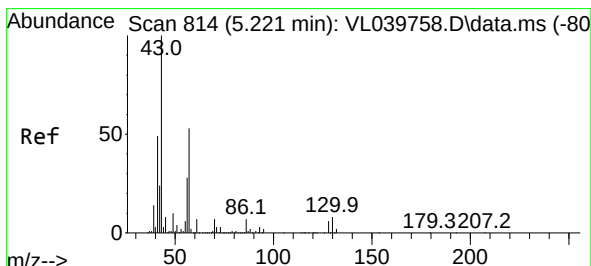
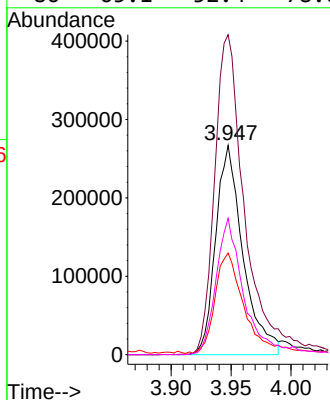
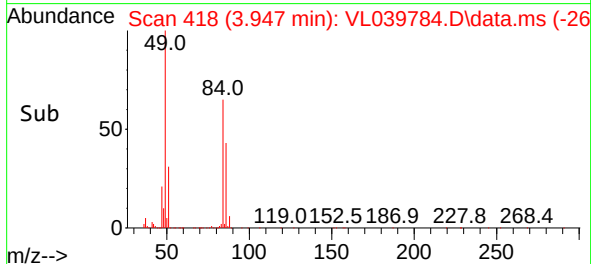
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ClientSampleId :
GDUP



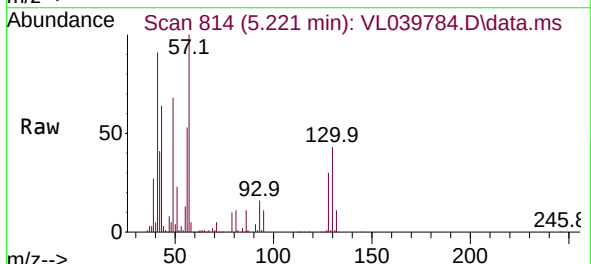
Tgt Ion: 84 Resp: 423220
Ion Ratio Lower Upper
84 100
49 152.7 126.0 189.0
51 46.9 40.9 61.3
86 65.1 52.4 78.6

Manual Integrations
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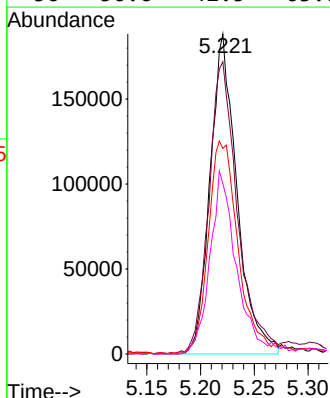
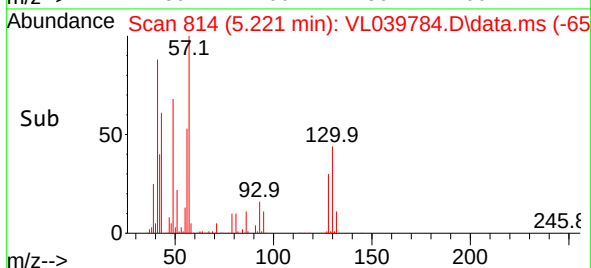
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

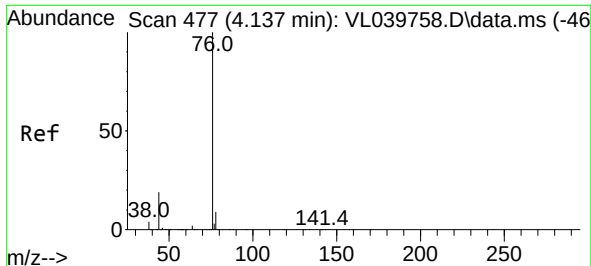


#26
Hexane
Concen: 3.698 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02



Tgt Ion: 57 Resp: 327458
Ion Ratio Lower Upper
57 100
41 102.9 76.1 114.1
43 77.3 197.1 295.7#
56 56.6 42.5 63.7





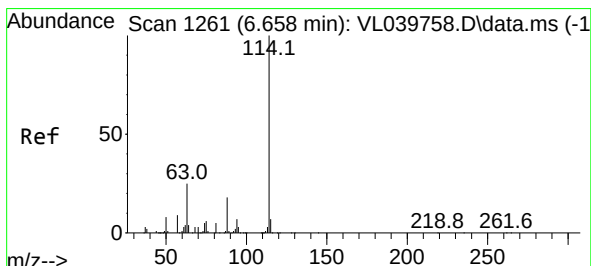
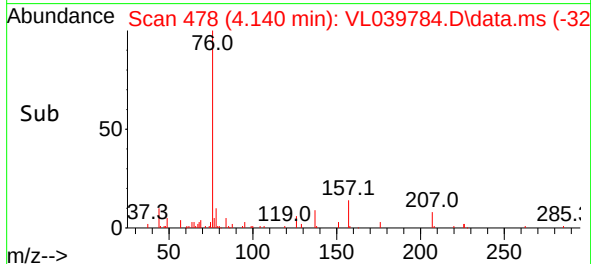
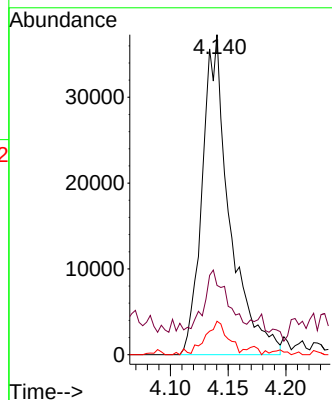
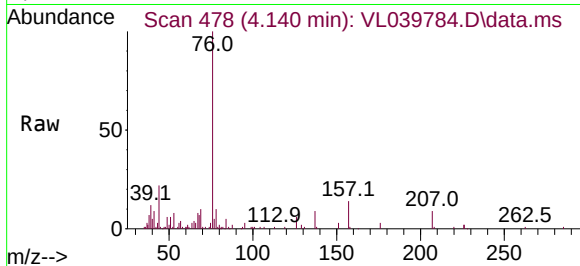
#27
Carbon Disulfide
Concen: 0.584 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

Instrument :
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ClientSampleId :
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Tgt Ion: 76 Resp: 61338
Ion Ratio Lower Upper
76 100
44 27.4 16.6 25.0
78 11.3 7.6 11.4

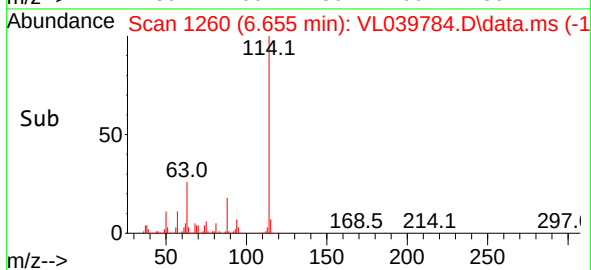
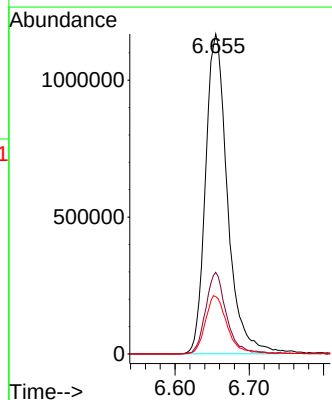
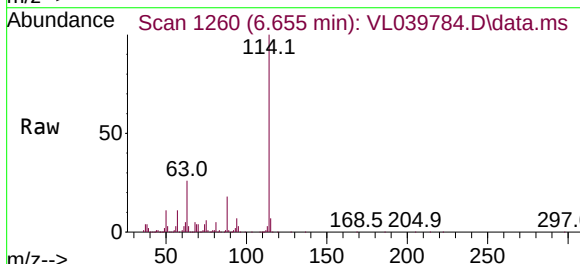
Manual Integrations
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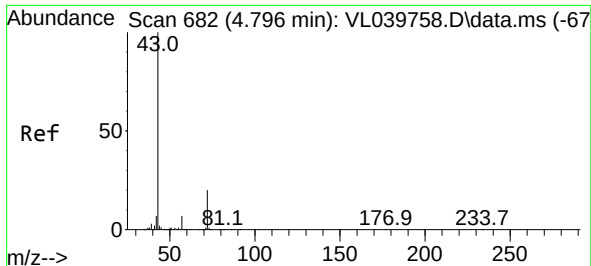
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

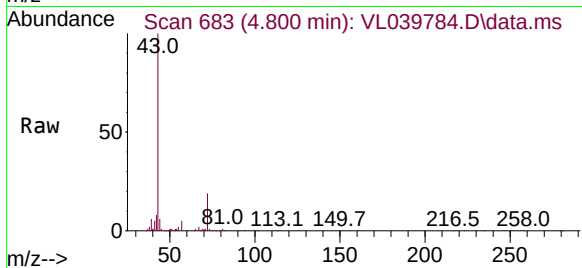
Tgt Ion:114 Resp: 2397840
Ion Ratio Lower Upper
114 100
63 24.8 20.1 30.1
88 18.2 14.5 21.7





#34
2-Butanone
Concen: 1.482 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

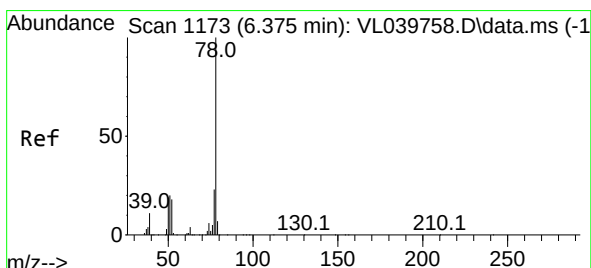
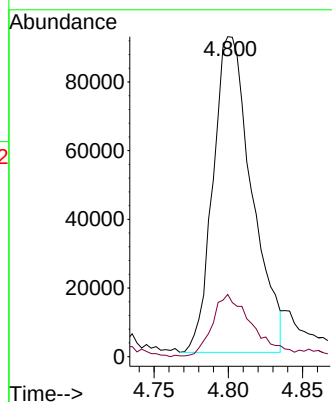
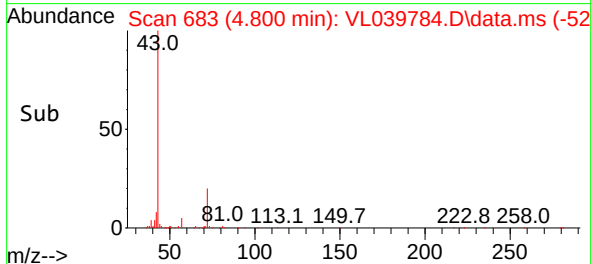
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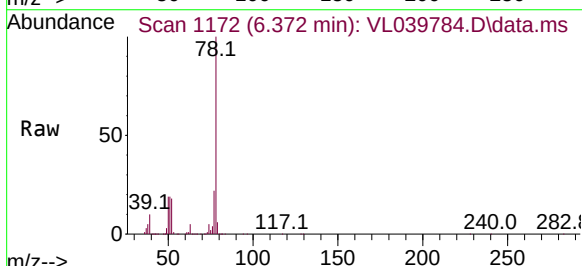
Tgt Ion: 43 Resp: 167224
Ion Ratio Lower Upper
43 100
72 22.5 16.5 24.7

Manual Integrations
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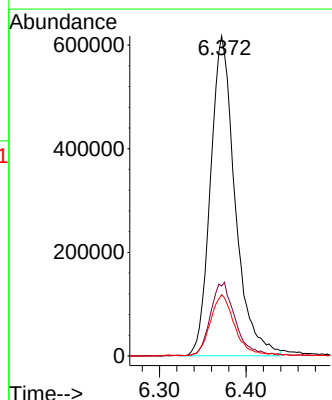
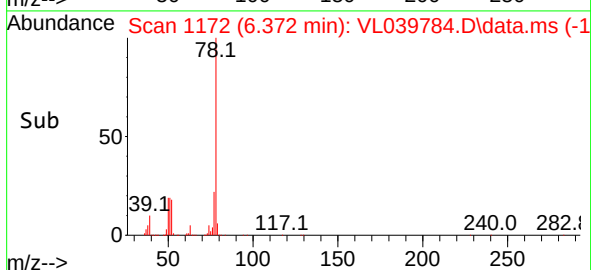
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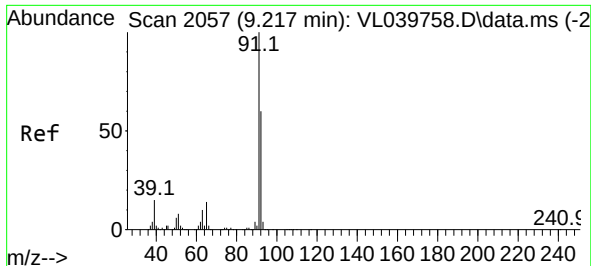


#36
Benzene
Concen: 6.592 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02



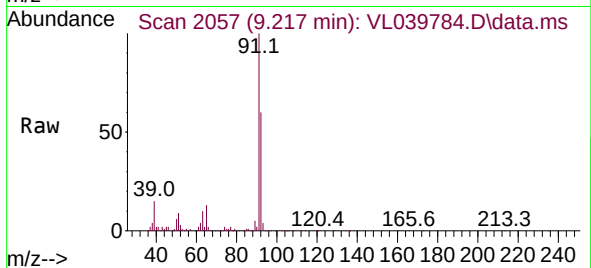
Tgt Ion: 78 Resp: 1217355
Ion Ratio Lower Upper
78 100
77 21.6 18.3 27.5
50 19.0 15.2 22.8





#53
Toluene
Concen: 3.282 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

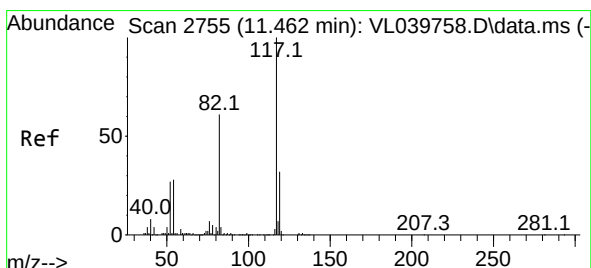
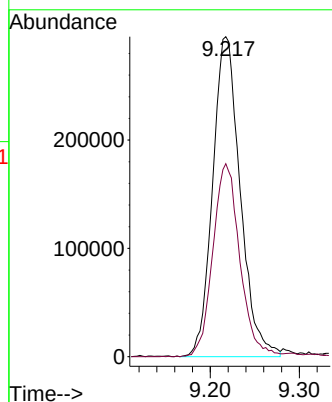
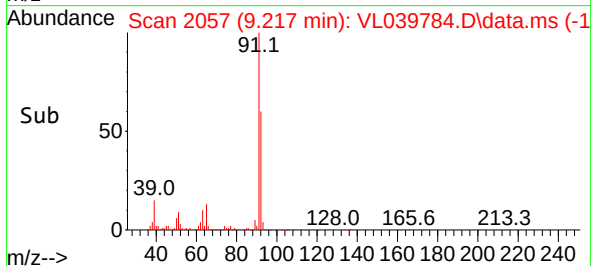
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MSVOA_L
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GDUP



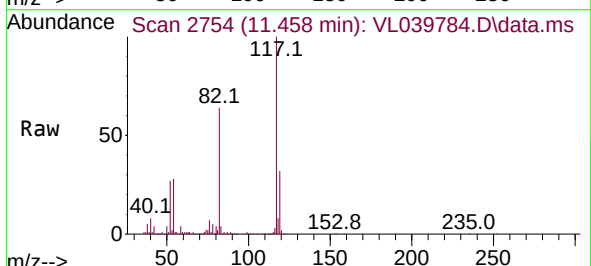
Tgt Ion: 91 Resp: 63494
Ion Ratio Lower Upper
91 100
92 60.8 48.0 72.0

Manual Integrations
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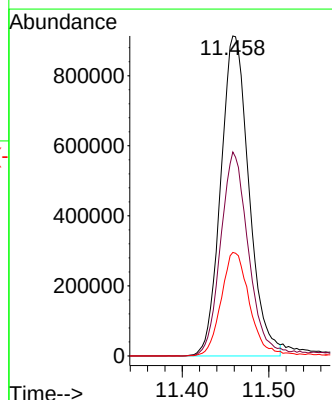
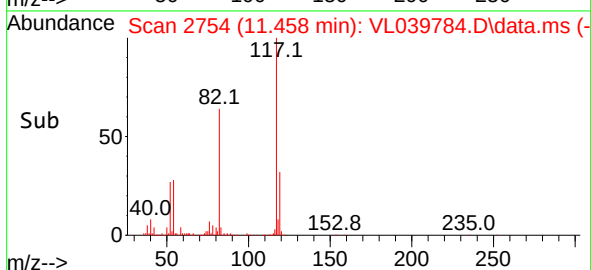
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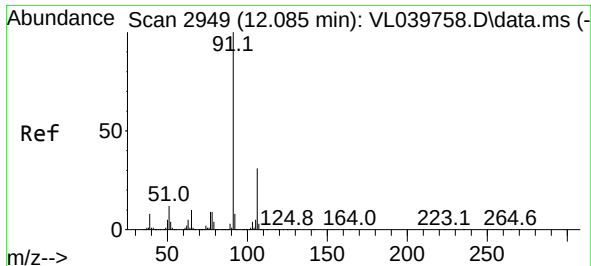


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02



Tgt Ion:117 Resp: 2067727
Ion Ratio Lower Upper
117 100
82 65.2 49.9 74.9
119 33.1 25.2 37.8





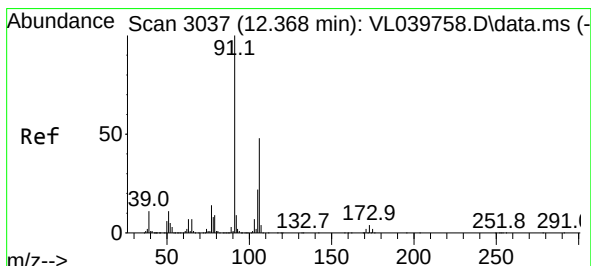
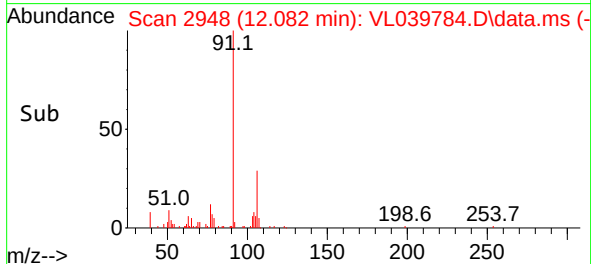
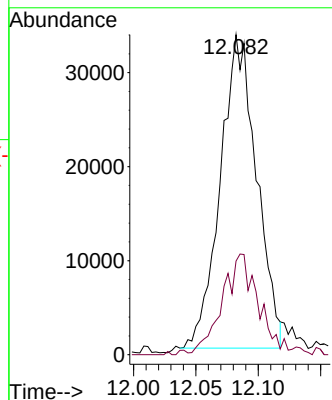
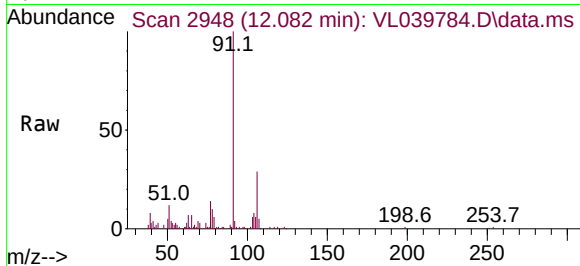
#58
Ethyl Benzene
Concen: 0.287 ppbv
RT: 12.082 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

Instrument :
MSVOA_L
ClientSampleId :
GDUP

Tgt Ion: 91 Resp: 6749
Ion Ratio Lower Upper
91 100
106 28.5 24.6 36.8

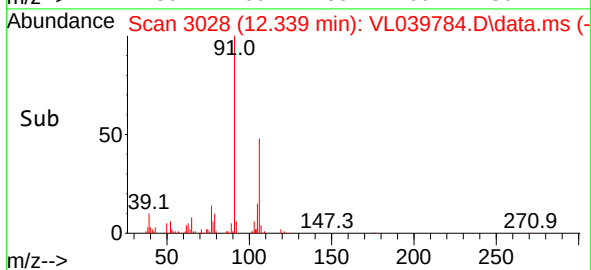
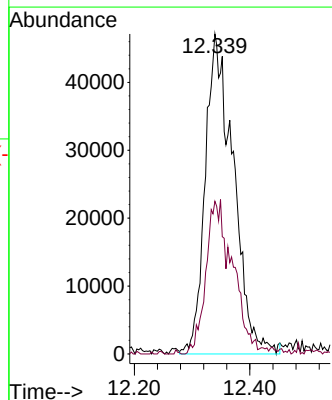
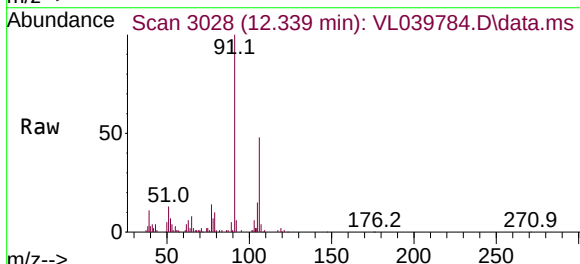
Manual Integrations
APPROVED

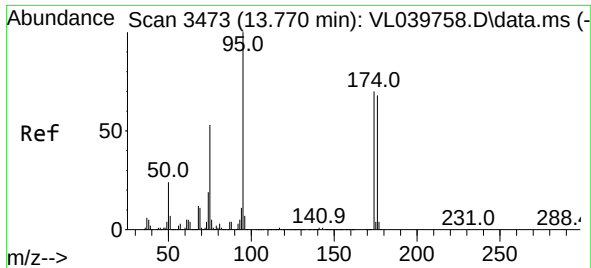
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#59
m/p-Xylene
Concen: 0.747 ppbv m
RT: 12.339 min Scan# 3028
Delta R.T. -0.029 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

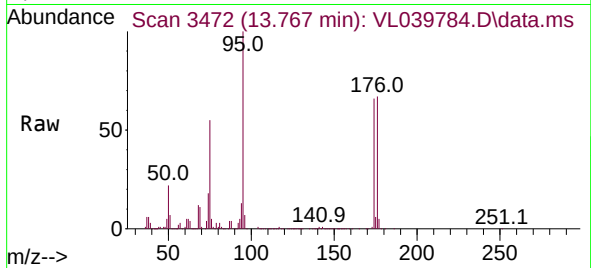
Tgt Ion: 91 Resp: 158925
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.189 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL039784.D
Acq: 25 Oct 2022 9:02

Instrument :
MSVOA_L
ClientSampleId :
GDUP



Tgt Ion: 95 Resp: 1498704
Ion Ratio Lower Upper
95 100
174 73.1 57.3 85.9
175 5.4 4.2 6.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

