

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039368.D
 Acq On : 27 Jun 2022 21:04
 Operator : SY/AP
 Sample : N3453-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:40:41 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	5.664	49	1191020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3444500	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3000594	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2320922	9.356	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	21653m	0.328	ppbv	
13) Ethanol	3.603	45	34366m	9.536	ppbv	
15) Acetone	3.861	43	48230m	0.389	ppbv	
17) tert-Butyl alcohol	4.301	59	19247m	0.200	ppbv	
20) Methylene Chloride	4.349	84	58460m	1.118	ppbv	
26) Hexane	5.684	57	36630m	0.298	ppbv	
34) 2-Butanone	5.263	43	20745m	0.111	ppbv	
53) Toluene	9.799	91	109516m	0.340	ppbv	
59) m/p-Xylene	12.970	91	99026m	0.272	ppbv	
60) o-Xylene	13.687	91	48334m	0.141	ppbv	
61) Styrene	13.529	104	25440m	0.139	ppbv	
62) Isopropylbenzene	14.661	105	1521083	2.992	ppbv	100

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

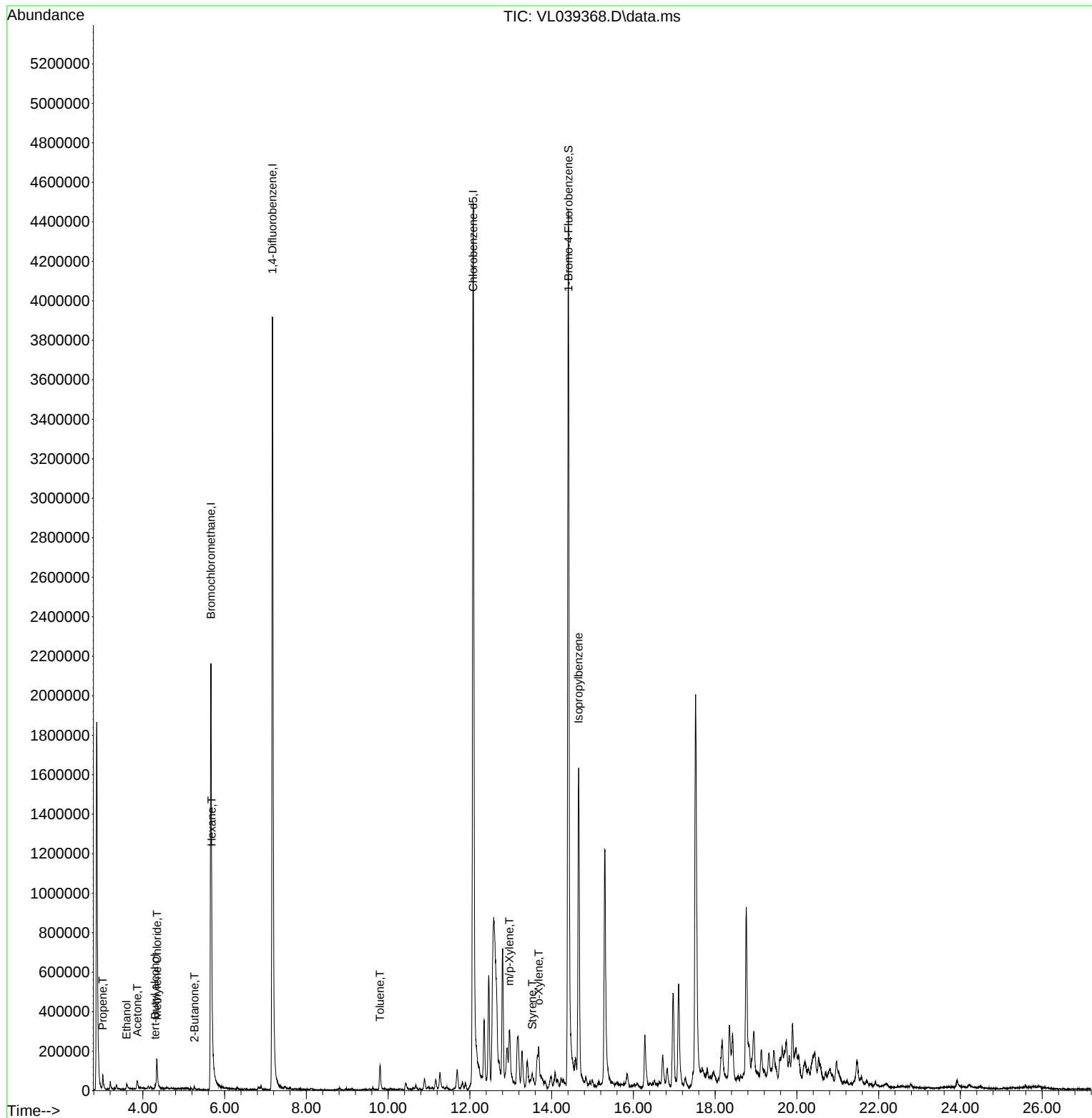
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039368.D
Acq On : 27 Jun 2022 21:04
Operator : SY/AP
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

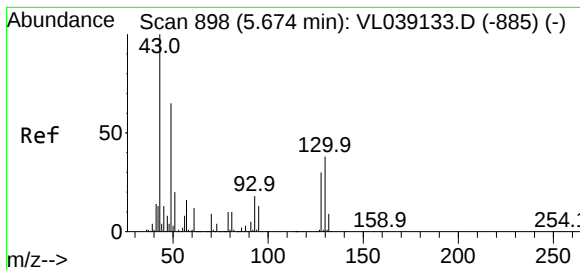
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL

Quant Time: Jun 28 02:40:41 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

Manual Integrations
APPROVED

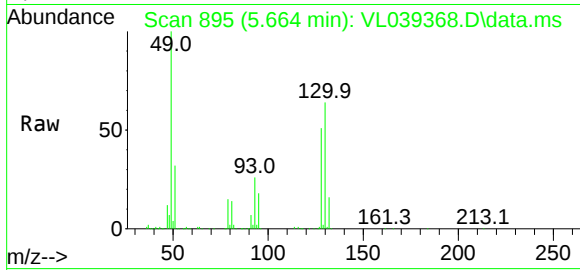
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

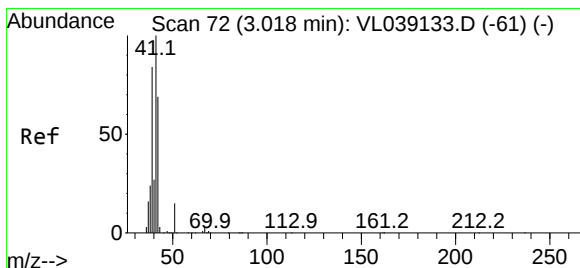
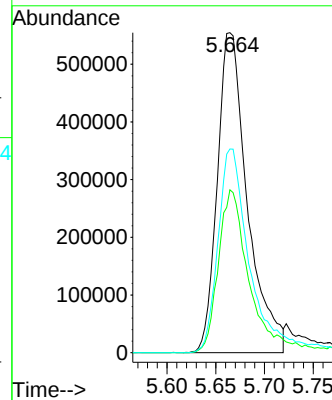
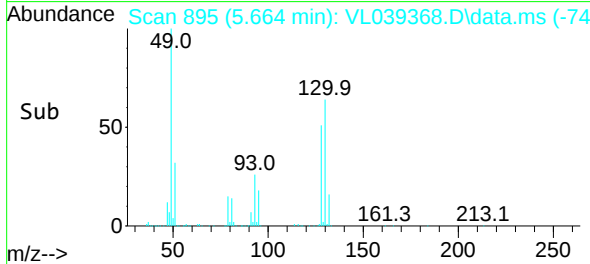
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 49 Resp: 1191020
Ion Ratio Lower Upper
49 100
128 54.1 24.7 74.1
130 70.1 31.4 94.0

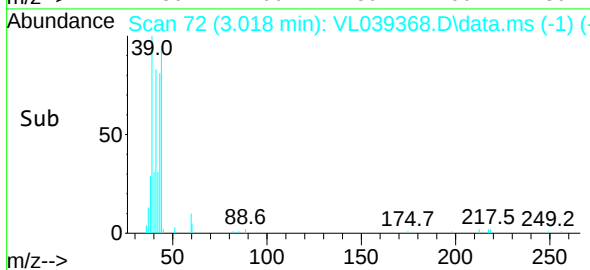
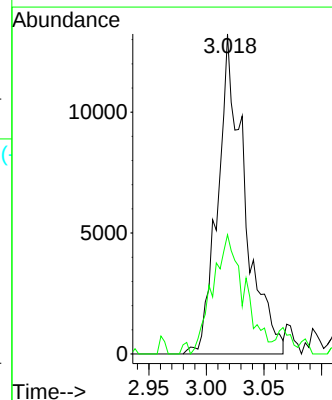
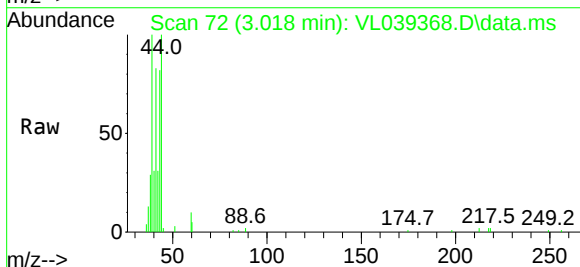
Manual Integrations
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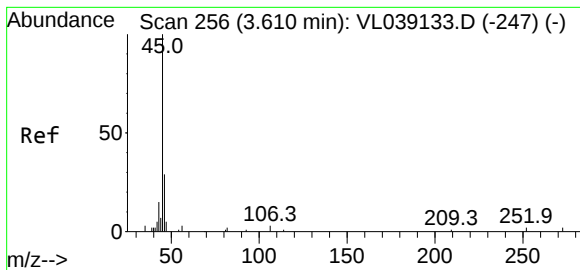
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#9
Propene
Concen: 0.328 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

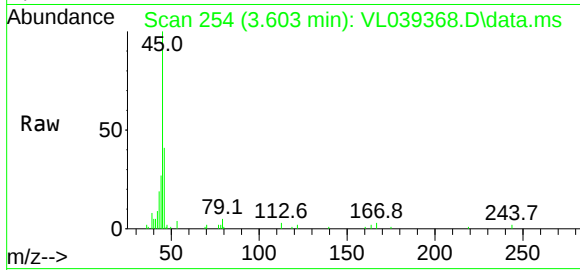
Tgt Ion: 41 Resp: 21653
Ion Ratio Lower Upper
41 100
42 4.2 55.4 83.2#





#13
Ethanol
Concen: 9.536 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

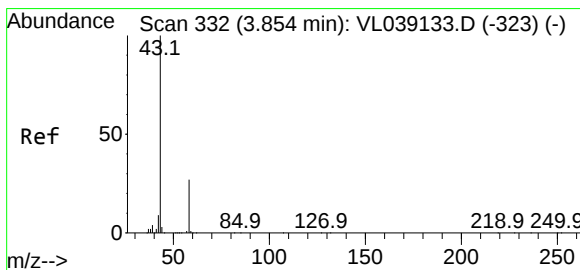
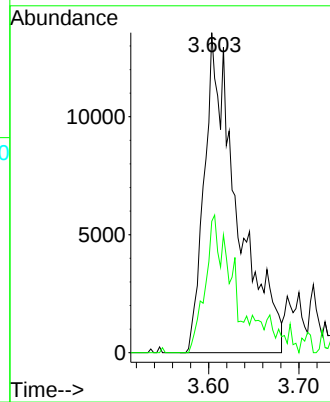
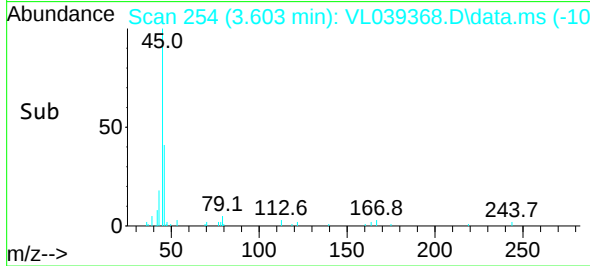
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 45 Resp: 3436
Ion Ratio Lower Upper
45 100
46 41.7 0.0 0.0

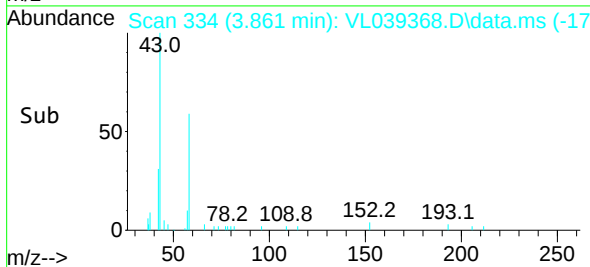
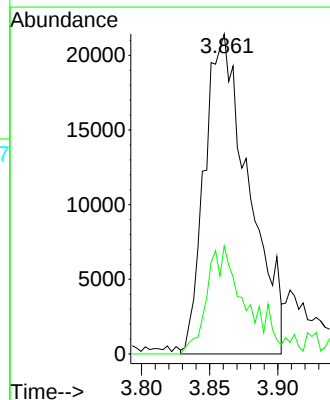
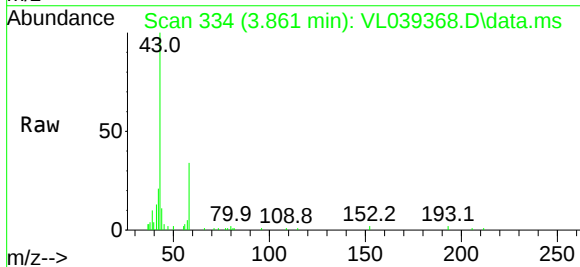
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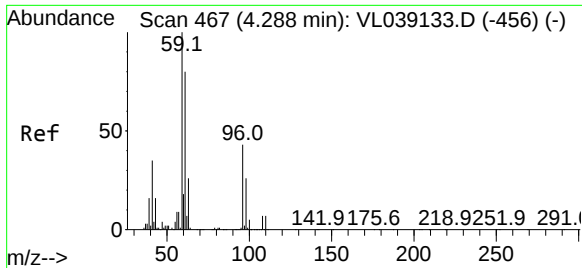
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#15
Acetone
Concen: 0.389 ppbv m
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

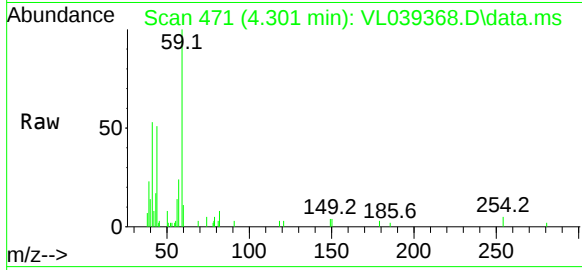
Tgt Ion: 43 Resp: 48230
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.200 ppbv m
RT: 4.301 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

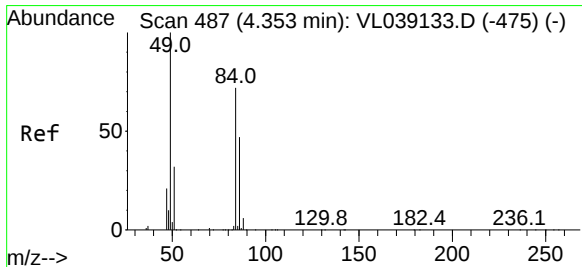
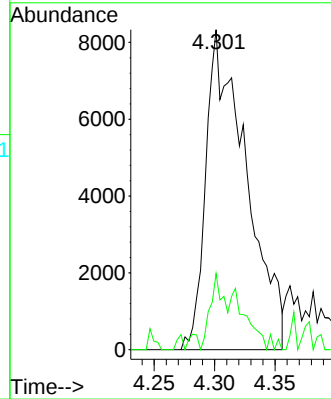
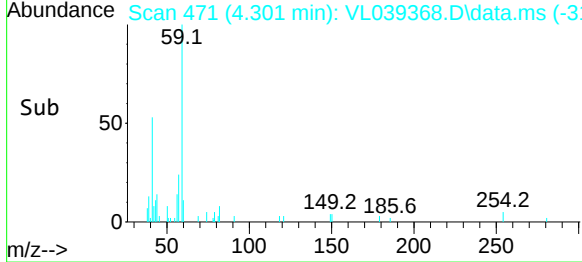
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



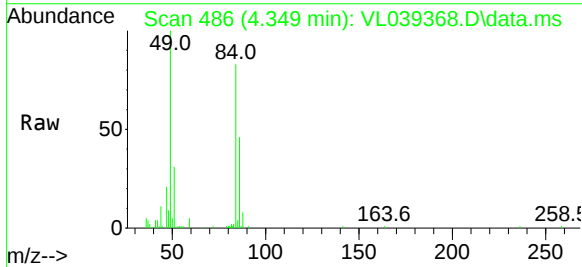
Tgt Ion: 59 Resp: 1924
Ion Ratio Lower Upper
59 100
57 19.0 9.1 13.7

Manual Integrations
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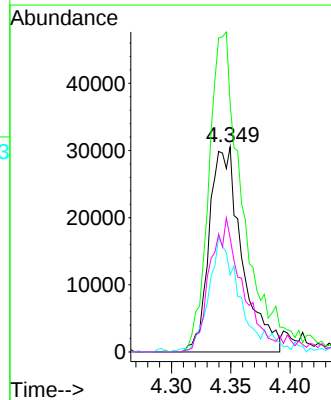
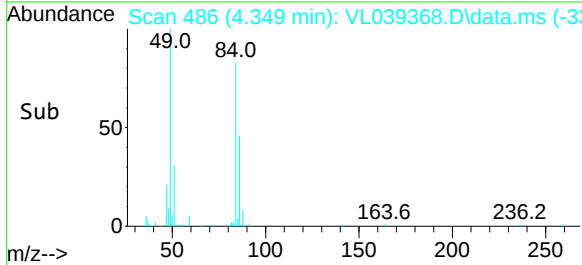
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

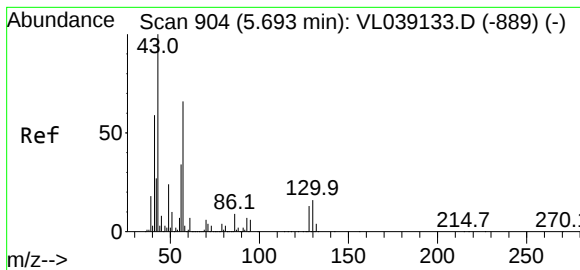


#20
Methylene Chloride
Concen: 1.118 ppbv m
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04



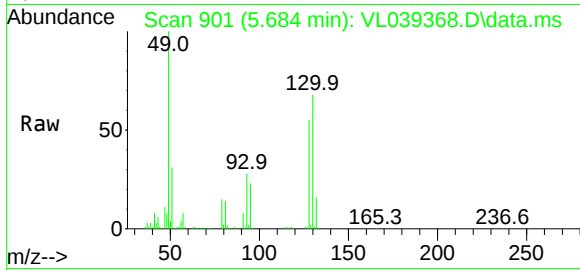
Tgt Ion: 84 Resp: 58460
Ion Ratio Lower Upper
84 100
49 121.0 111.1 166.7
51 37.6 35.3 52.9
86 55.4 51.9 77.9





#26
Hexane
Concen: 0.298 ppbv m
RT: 5.684 min Scan# 904
Delta R.T. -0.010 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

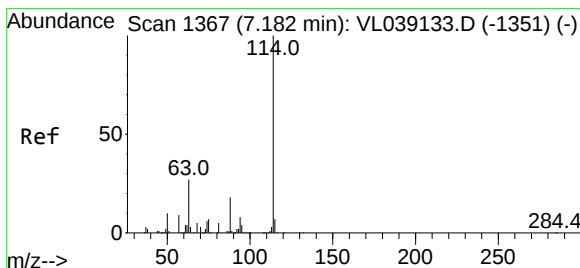
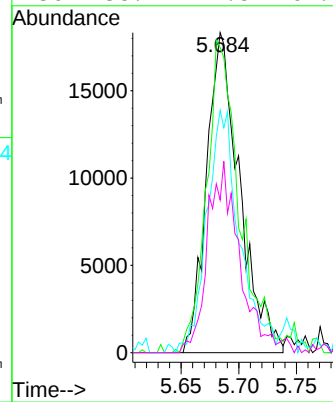
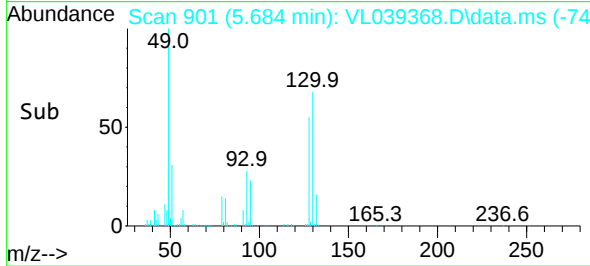
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 57 Resp: 36630
Ion Ratio Lower Upper
57 100
41 101.6 72.4 108.6
43 79.7 187.0 280.6
56 58.2 41.8 62.6

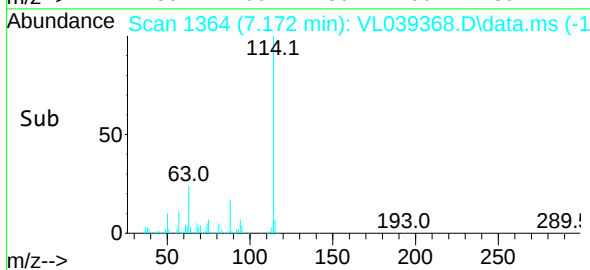
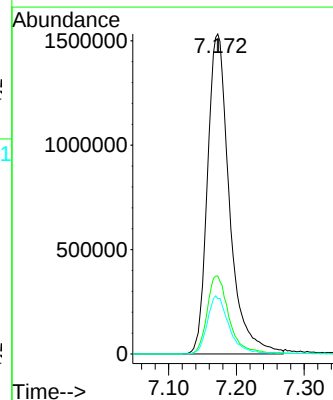
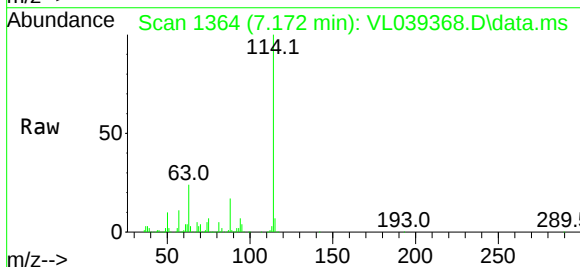
Manual Integrations
APPROVED

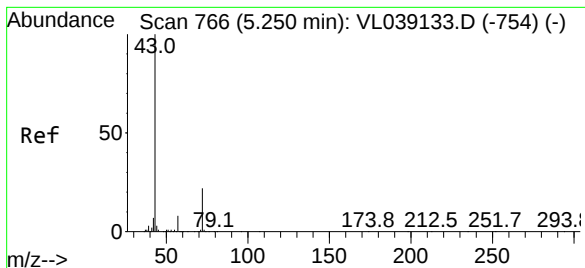
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

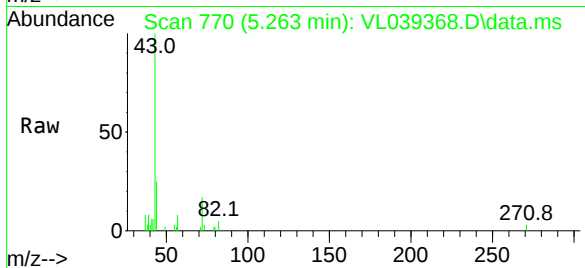
Tgt Ion:114 Resp: 3444500
Ion Ratio Lower Upper
114 100
63 24.8 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.111 ppbv m
RT: 5.263 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

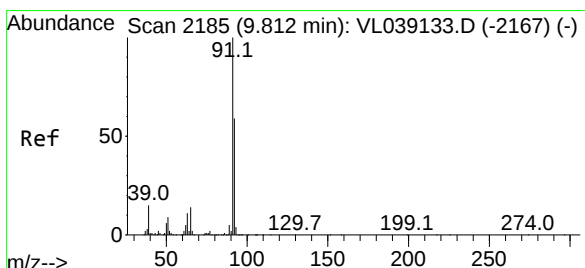
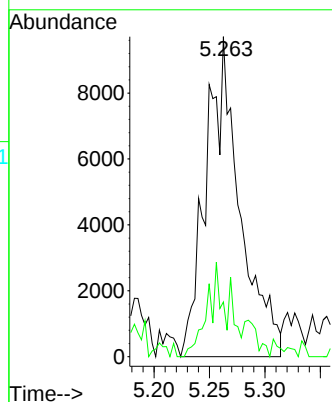
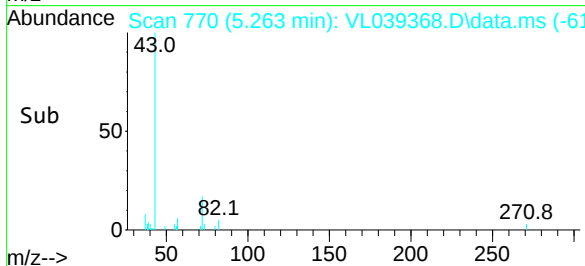
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 43 Resp: 20749
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2

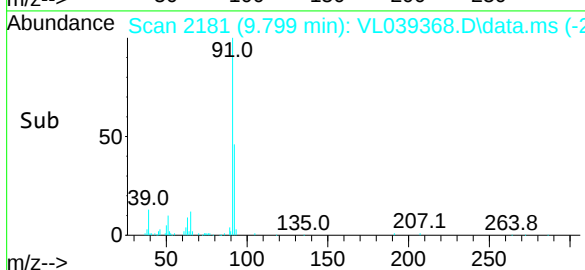
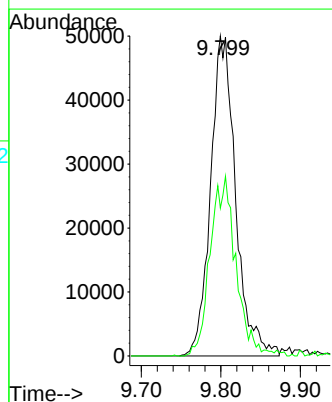
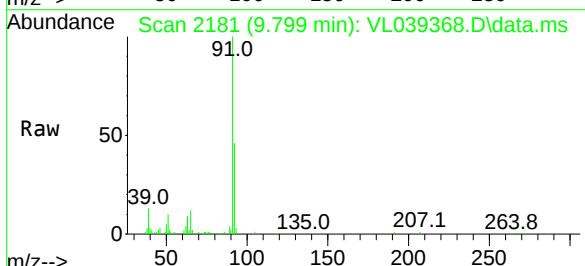
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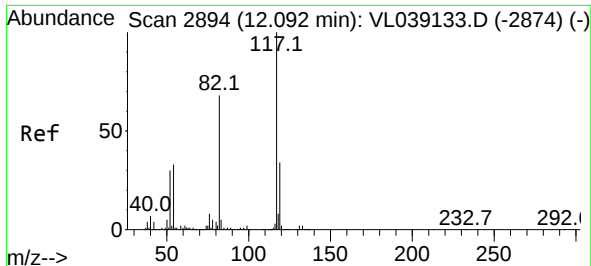
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#53
Toluene
Concen: 0.340 ppbv m
RT: 9.799 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

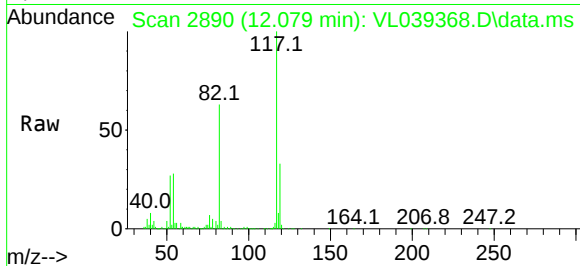
Tgt Ion: 91 Resp: 109516
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

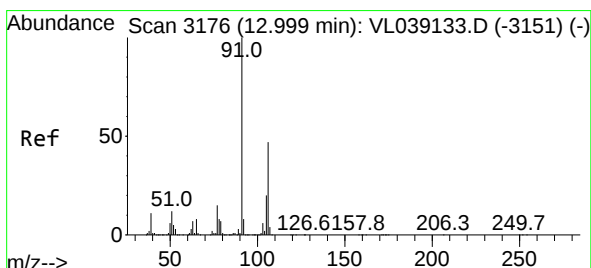
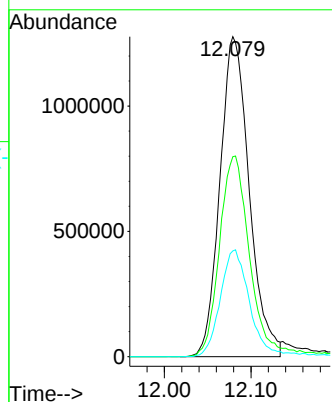
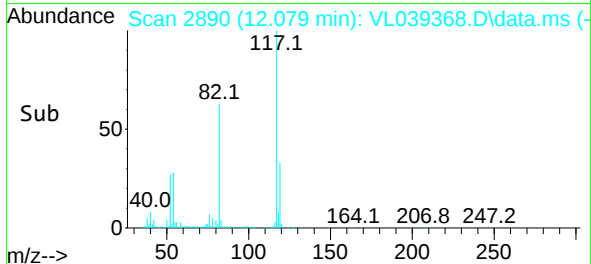
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion:117 Resp: 3000594
Ion Ratio Lower Upper
117 100
82 67.2 55.1 82.7
119 34.6 24.7 37.1

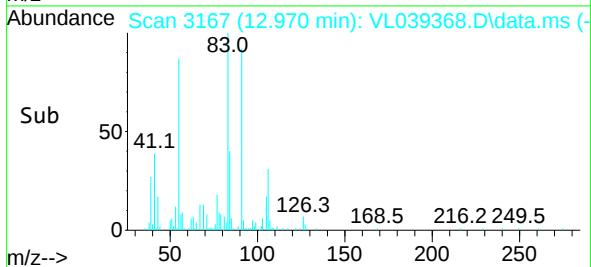
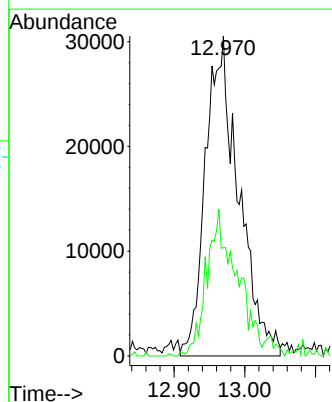
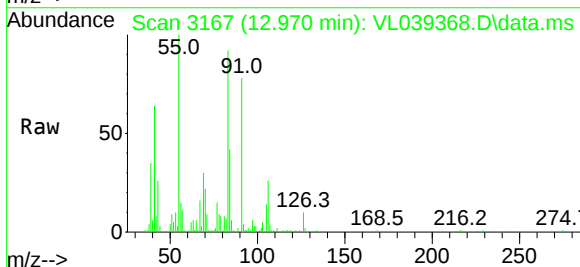
Manual Integrations
APPROVED

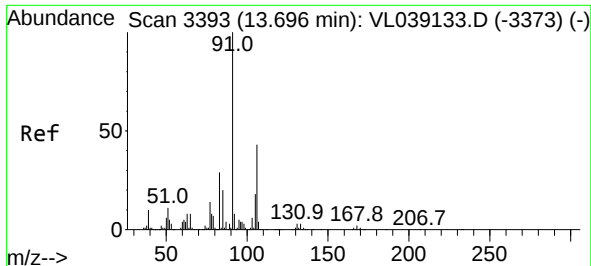
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#59
m/p-Xylene
Concen: 0.272 ppbv m
RT: 12.970 min Scan# 3167
Delta R.T. -0.029 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

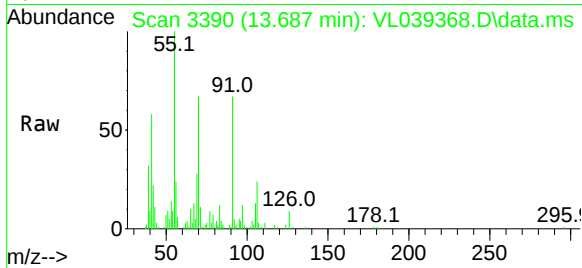
Tgt Ion: 91 Resp: 99026
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#





#60
o-Xylene
Concen: 0.141 ppbv m
RT: 13.687 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

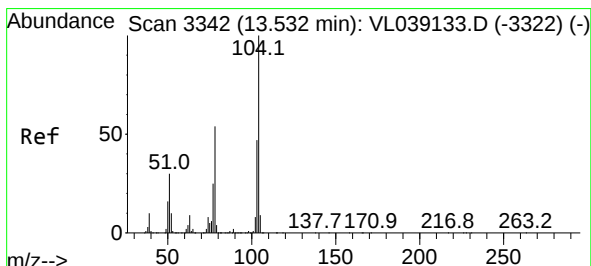
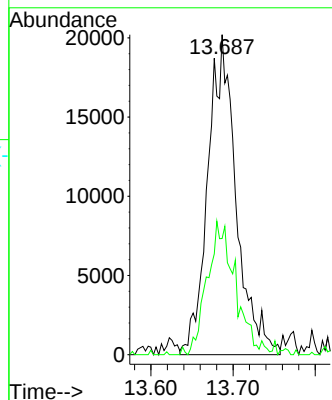
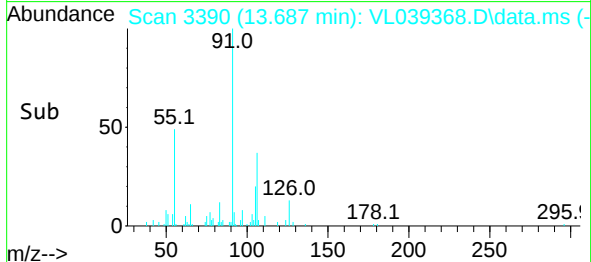
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



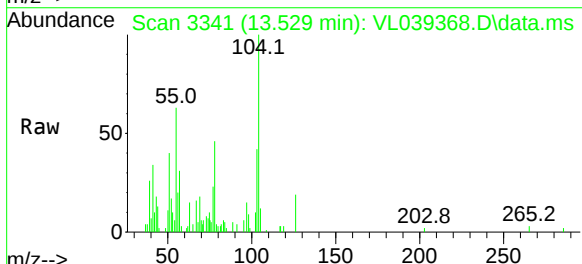
Tgt Ion: 91 Resp: 48334
Ion Ratio Lower Upper
91 100
106 41.6 22.3 66.9

Manual Integrations
APPROVED

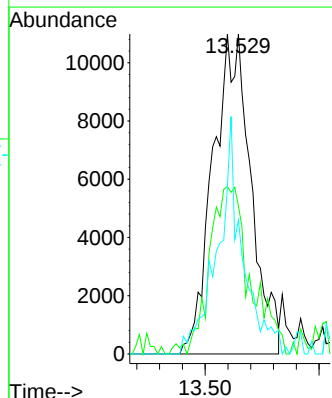
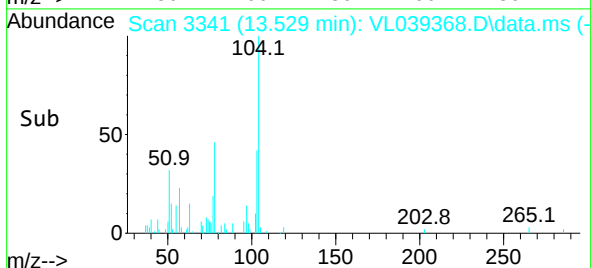
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

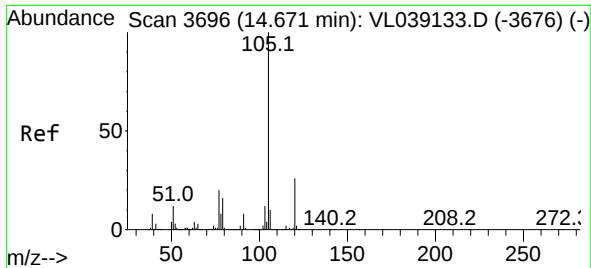


#61
Styrene
Concen: 0.139 ppbv m
RT: 13.529 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04



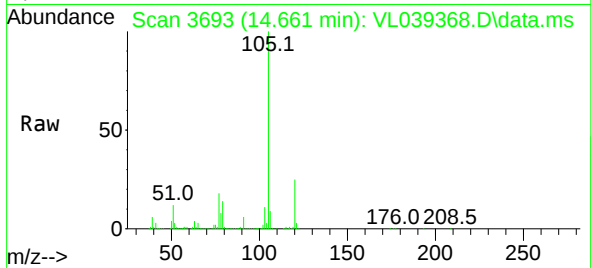
Tgt Ion:104 Resp: 25440
Ion Ratio Lower Upper
104 100
78 50.8 45.7 68.5
103 49.3 39.6 59.4





#62
Isopropylbenzene
Concen: 2.992 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.010 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

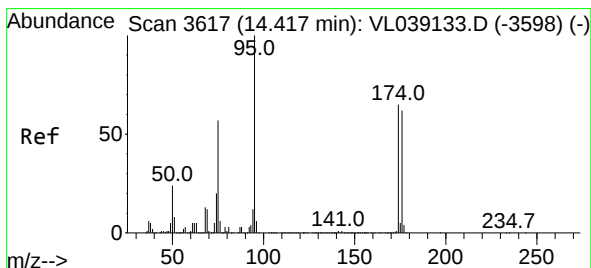
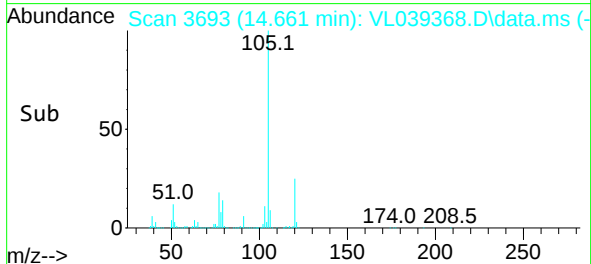
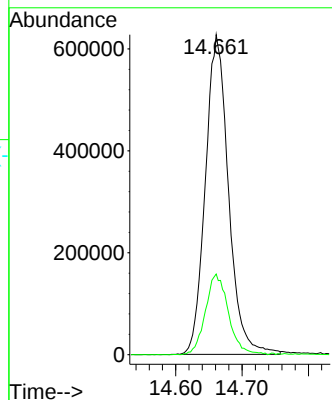
Instrument :
MSVOA_L
ClientSampleId :
SG-4DL



Tgt Ion: 105 Resp: 152108
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
Supervised By : Mahesh Dadoda 06/30/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.356 ppbv
RT: 14.410 min Scan# 3615
Delta R.T. -0.006 min
Lab File: VL039368.D
Acq: 27 Jun 2022 21:04

Tgt Ion: 95 Resp: 2320922
Ion Ratio Lower Upper
95 100
174 72.8 53.8 80.8
175 5.4 4.1 6.1

