

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039684.D
 Acq On : 4 Oct 2022 17:10
 Operator : SY/AP
 Sample : N4885-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 05 04:40:53 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

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

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	947482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2511151	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2256907	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1687457	10.016	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	29632m	0.270	ppbv	
3) Chlorodifluoromethane	2.700	51	786978	6.999	ppbv	96
4) Chloromethane	2.838	50	28591	0.421	ppbv	93
9) Propene	2.726	41	12212m	0.238	ppbv	
11) Trichlorofluoromethane	3.584	101	31350	0.230	ppbv	85
13) Ethanol	3.272	45	28478	7.278	ppbv	82
15) Acetone	3.491	43	830149	7.874	ppbv	96
20) Methylene Chloride	3.954	84	182148	3.737	ppbv	95
26) Hexane	5.230	57	348254	3.570	ppbv #	40
34) 2-Butanone	4.822	43	34152	0.277	ppbv #	78
35) Carbon Tetrachloride	6.513	117	10654m	0.080	ppbv	
53) Toluene	9.234	91	23236m	0.109	ppbv	

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

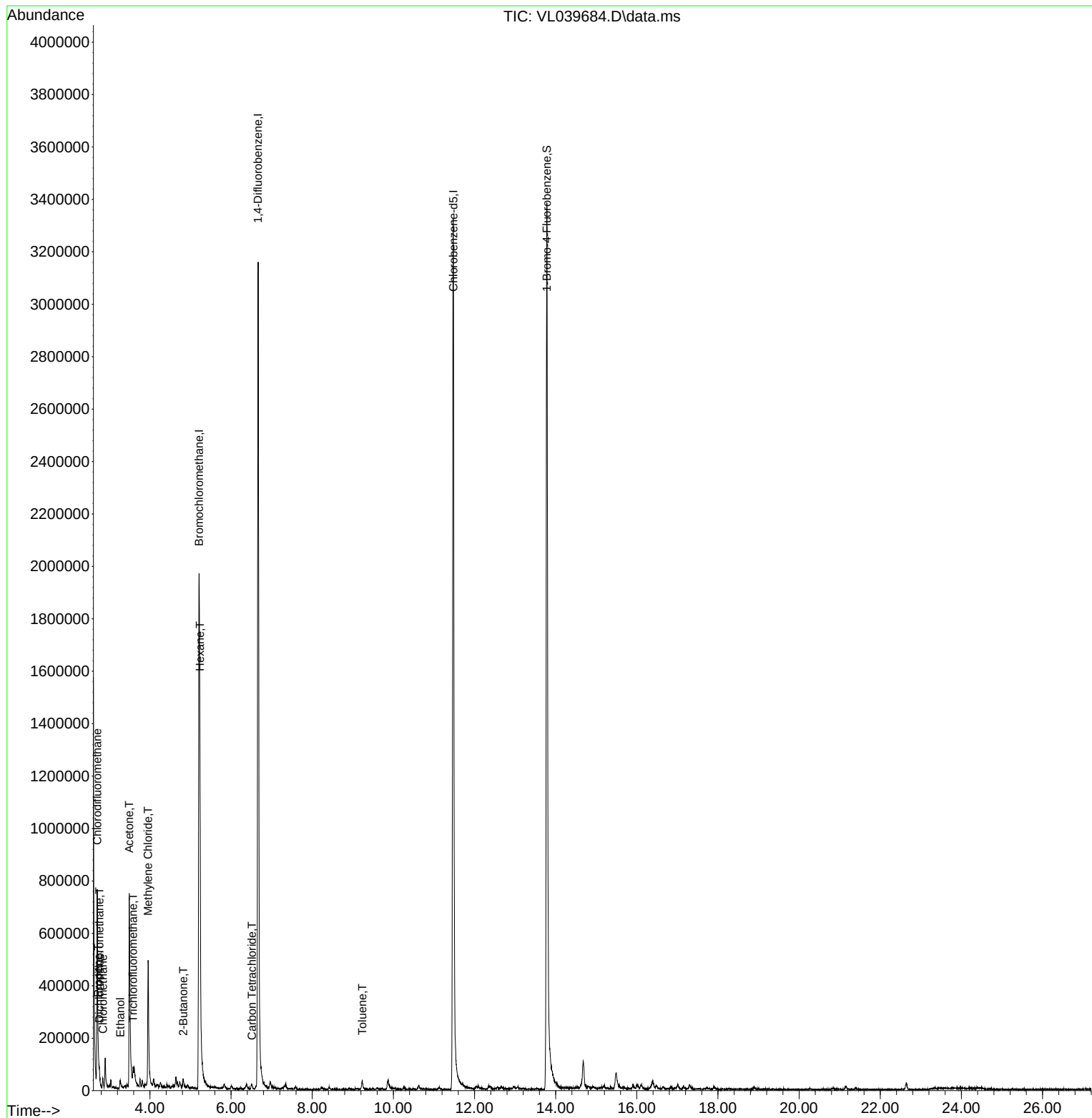
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
Data File : VL039684.D
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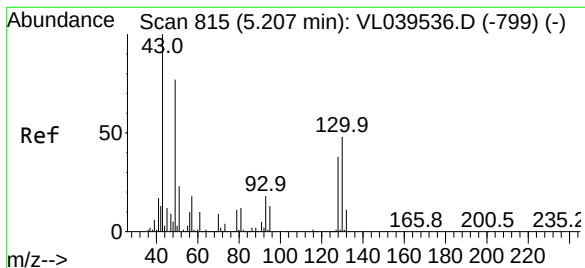
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 05 04:40:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration

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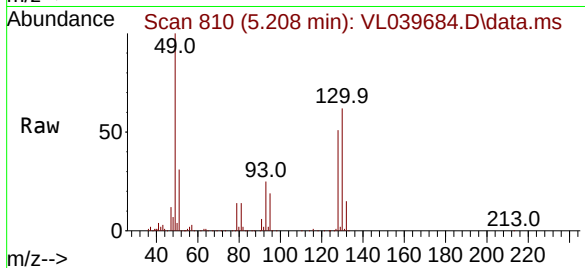
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

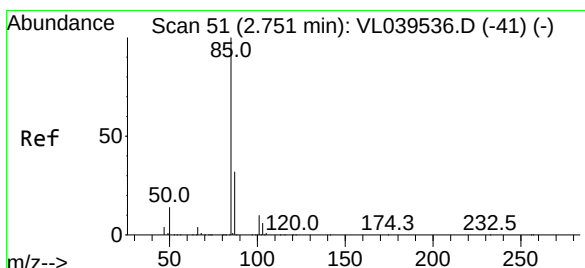
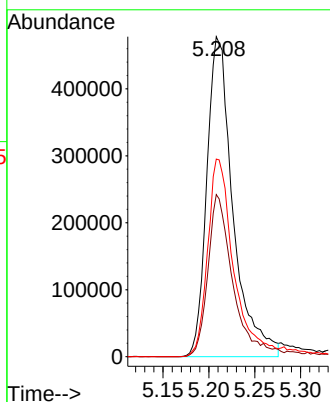
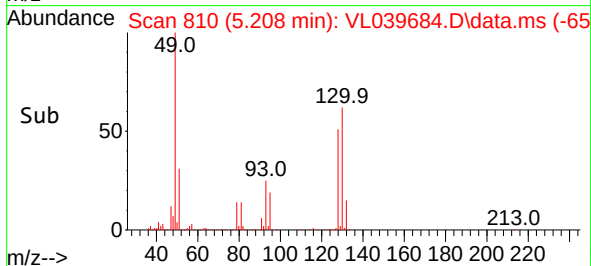
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion: 49 Resp: 94748
Ion Ratio Lower Upper
49 100
128 51.4 26.7 80.0
130 64.0 34.3 102.8

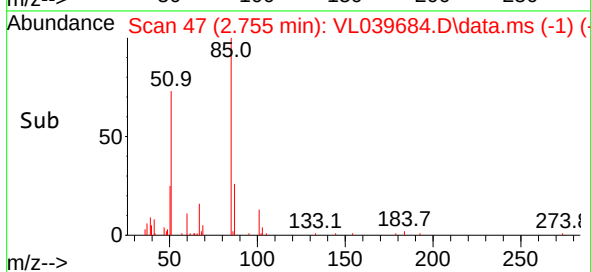
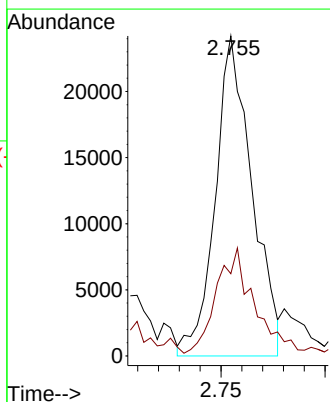
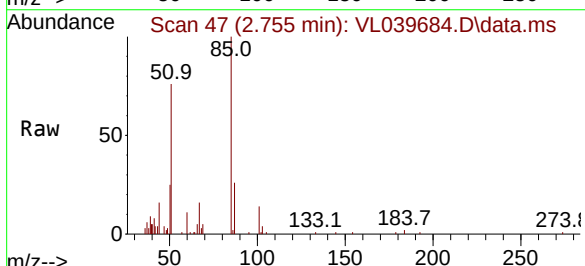
Manual Integrations
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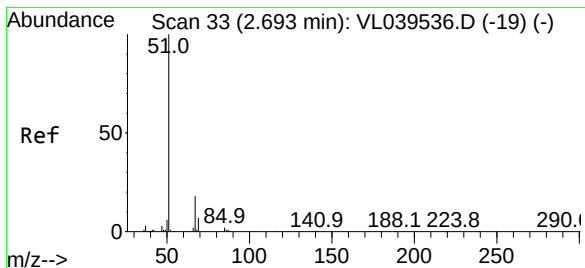
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 0.270 ppbv m
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

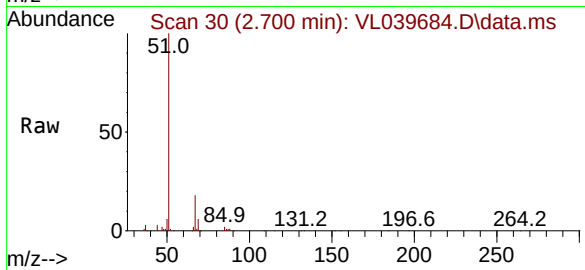
Tgt Ion: 85 Resp: 29632
Ion Ratio Lower Upper
85 100
87 25.7 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 6.999 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

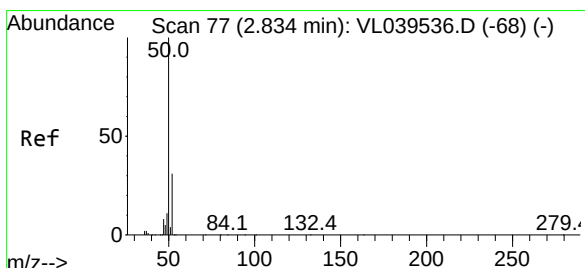
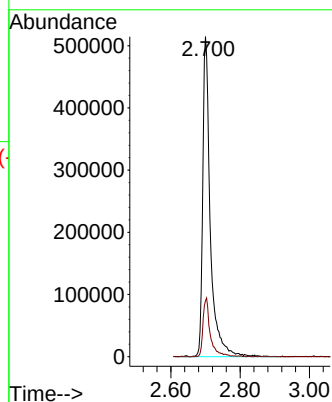
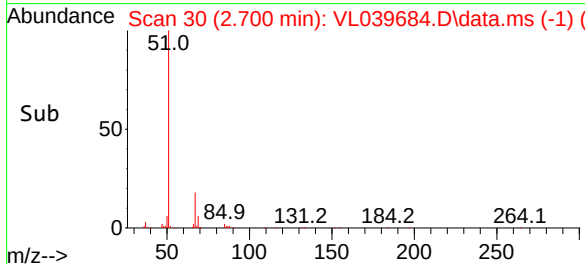
Instrument :
MSVOA_L
ClientSampleId :
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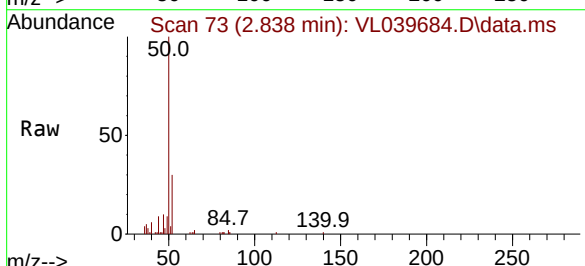
Tgt Ion: 51 Resp: 786978
Ion Ratio Lower Upper
51 100
67 17.7 15.7 23.5

Manual Integrations
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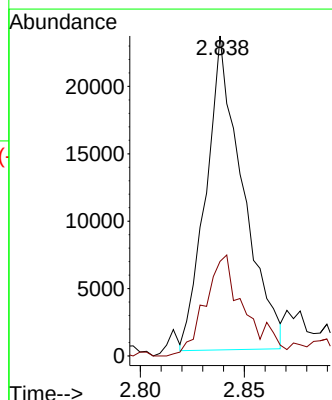
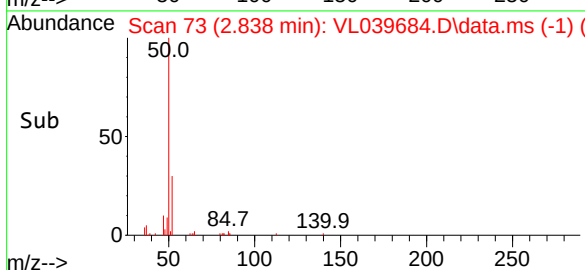
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

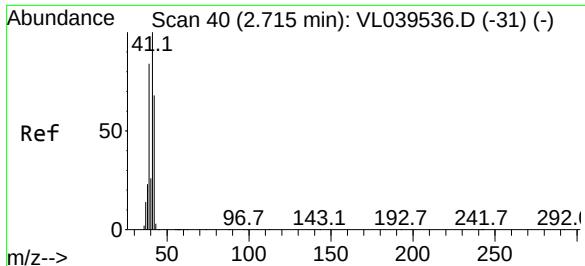


#4
Chloromethane
Concen: 0.421 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10



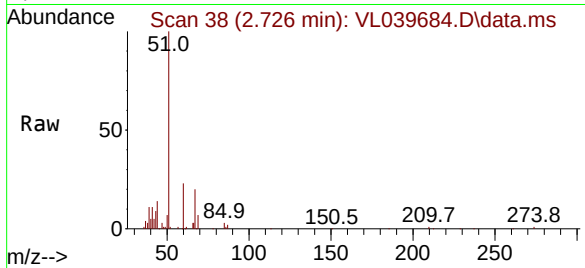
Tgt Ion: 50 Resp: 28591
Ion Ratio Lower Upper
50 100
52 29.4 26.5 39.7





#9
Propene
Concen: 0.238 ppbv m
RT: 2.726 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

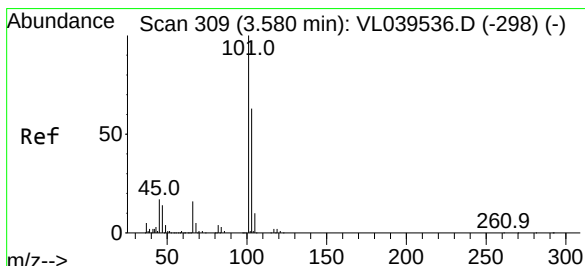
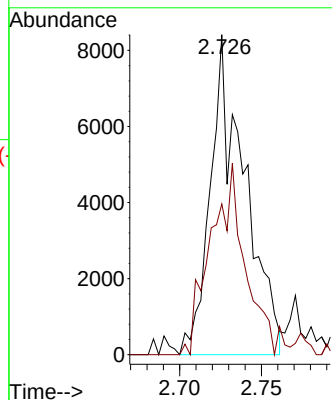
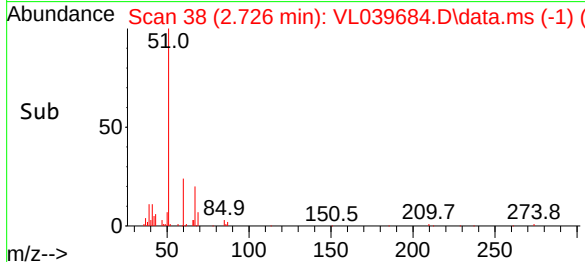
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion: 41 Resp: 1221
Ion Ratio Lower Upper
41 100
42 38.9 55.2 82.8

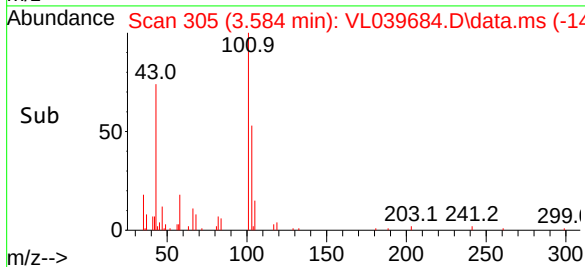
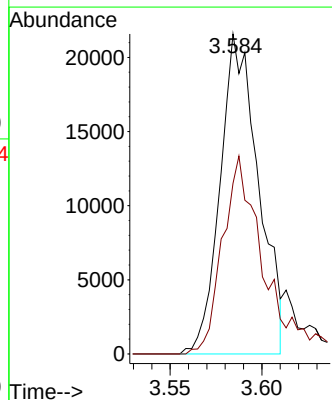
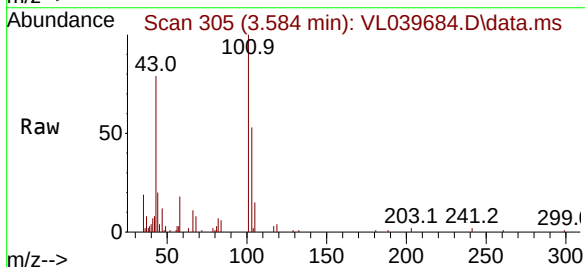
Manual Integrations
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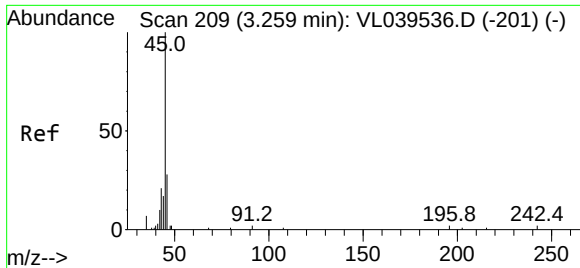
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#11
Trichlorofluoromethane
Concen: 0.230 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.004 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

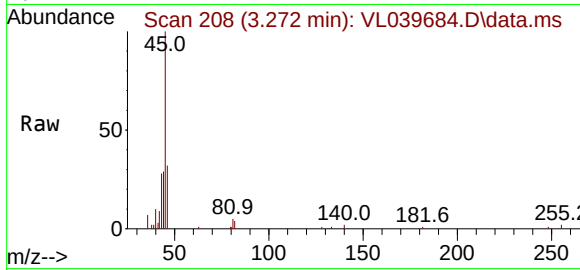
Tgt Ion:101 Resp: 31350
Ion Ratio Lower Upper
101 100
103 53.3 51.8 77.8





#13
Ethanol
Concen: 7.278 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.014 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

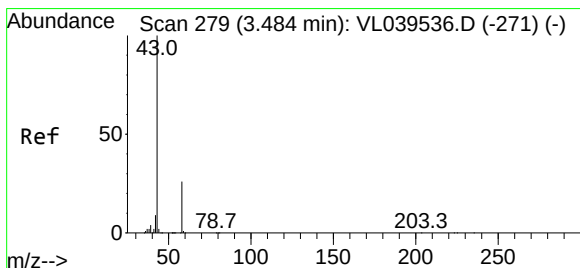
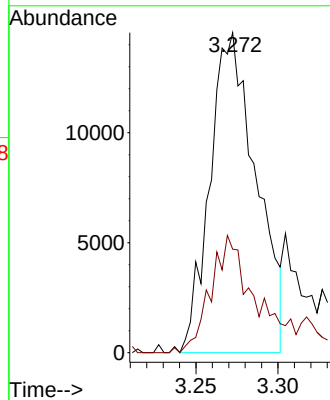
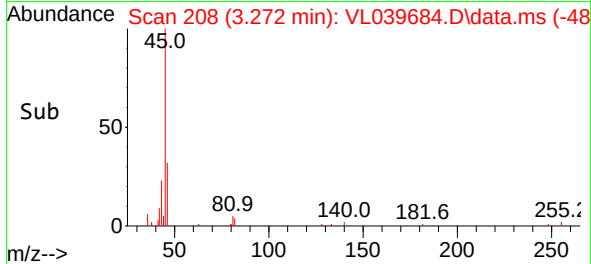
Instrument :
MSVOA_L
ClientSampleId :
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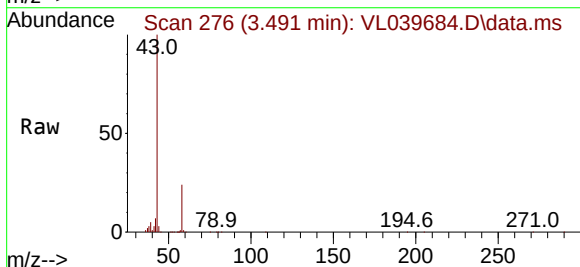
Tgt Ion: 45 Resp: 28478
Ion Ratio Lower Upper
45 100
46 43.5 22.8 91.2

Manual Integrations
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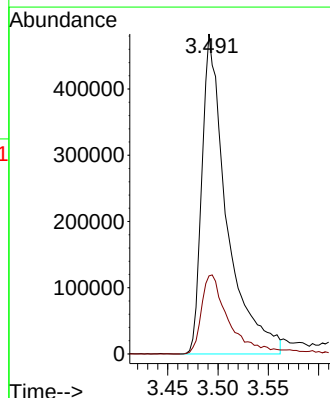
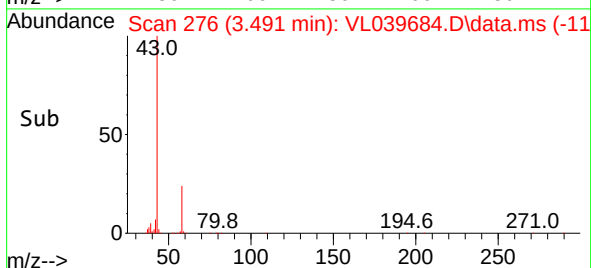
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

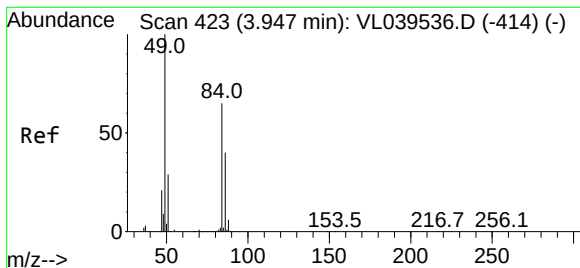


#15
Acetone
Concen: 7.874 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10



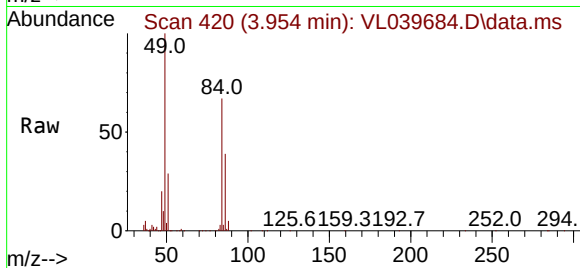
Tgt Ion: 43 Resp: 830149
Ion Ratio Lower Upper
43 100
58 28.5 21.0 31.6





#20
Methylene Chloride
Concen: 3.737 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

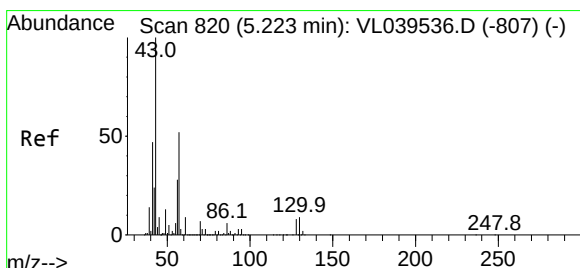
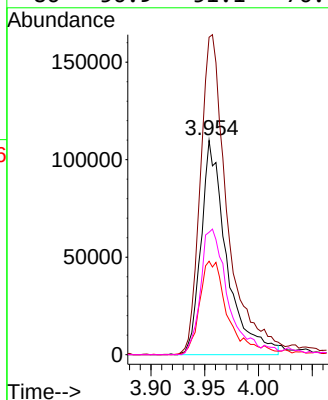
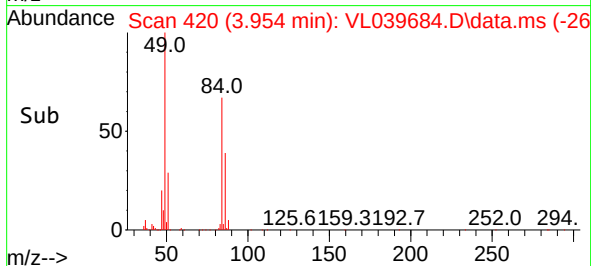
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 84 Resp: 182148
Ion Ratio Lower Upper
84 100
49 148.2 123.1 184.7
51 43.2 34.4 51.6
86 56.9 51.1 76.7

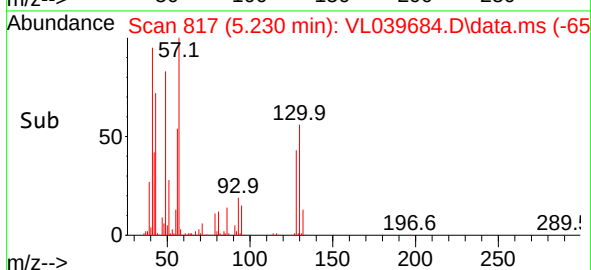
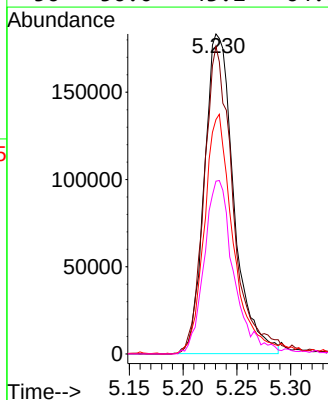
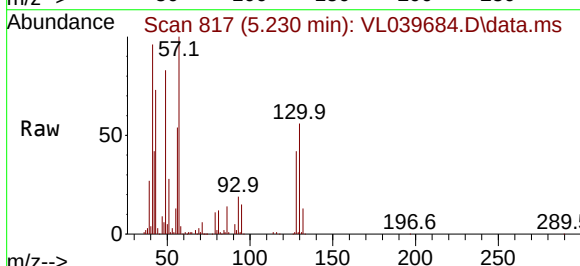
Manual Integrations
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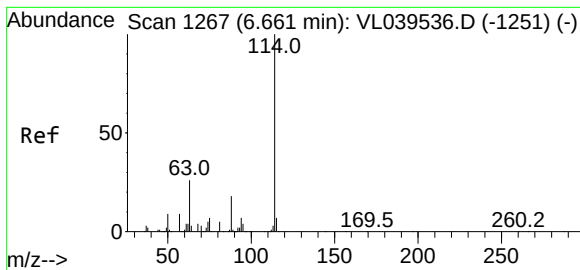
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#26
Hexane
Concen: 3.570 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

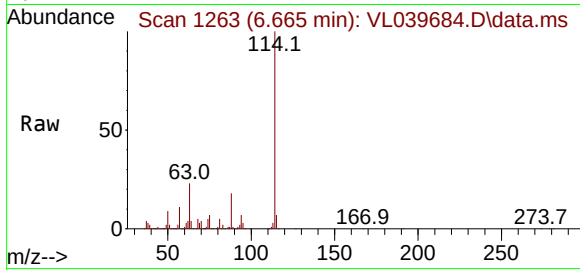
Tgt Ion: 57 Resp: 348254
Ion Ratio Lower Upper
57 100
41 97.0 76.9 115.3
43 76.0 191.0 286.6#
56 56.0 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

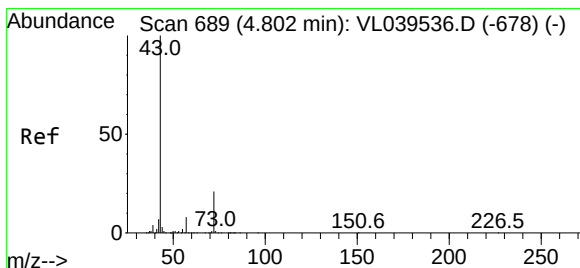
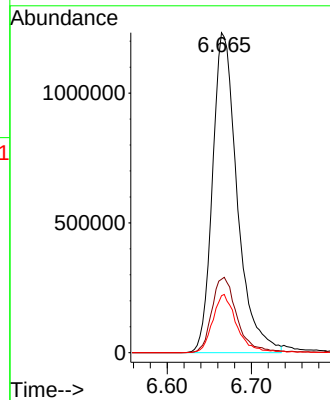
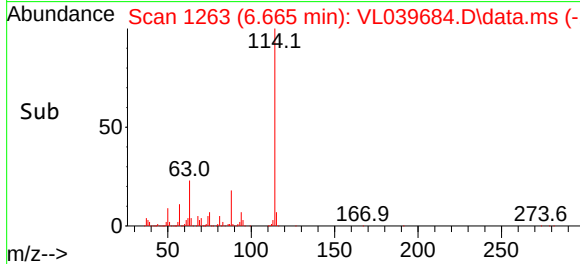
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion:114 Resp: 251115
Ion Ratio Lower Upper
114 100
63 24.3 20.2 30.4
88 18.1 14.5 21.7

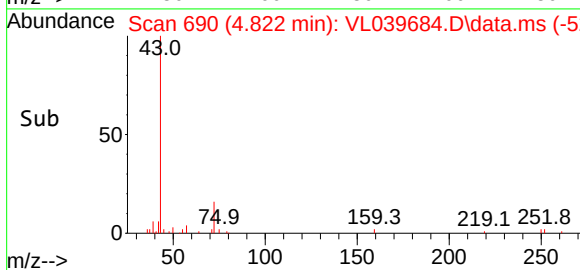
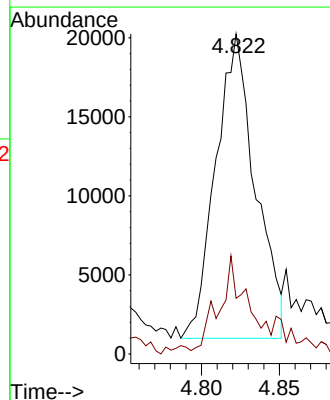
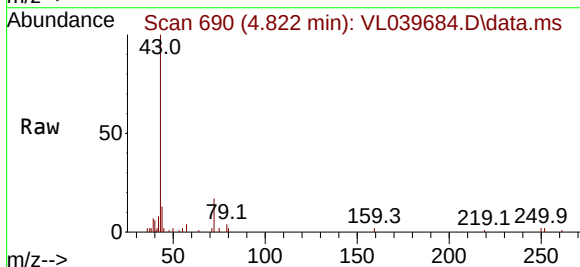
Manual Integrations
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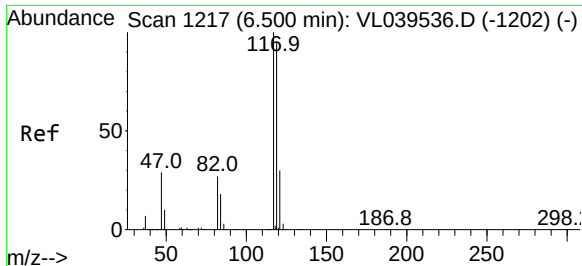
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#34
2-Butanone
Concen: 0.277 ppbv
RT: 4.822 min Scan# 690
Delta R.T. 0.020 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

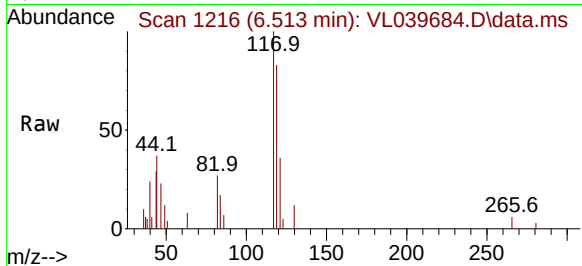
Tgt Ion: 43 Resp: 34152
Ion Ratio Lower Upper
43 100
72 33.0 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.080 ppbv m
RT: 6.513 min Scan# 117
Delta R.T. 0.014 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

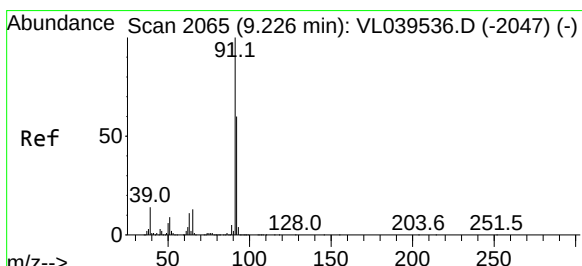
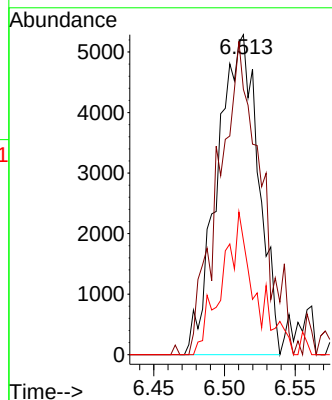
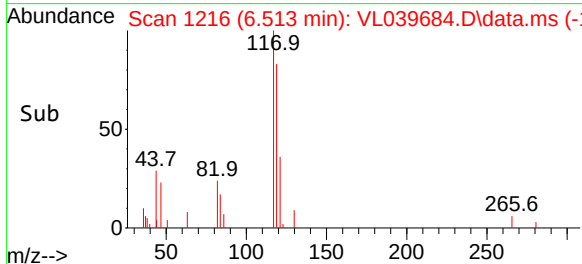
Instrument :
MSVOA_L
ClientSampleId :
1



Tgt Ion: 117 Resp: 10654
Ion Ratio Lower Upper
117 100
119 82.9 75.4 113.2
121 35.7 24.2 36.2

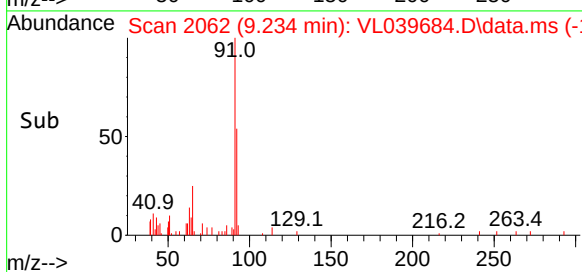
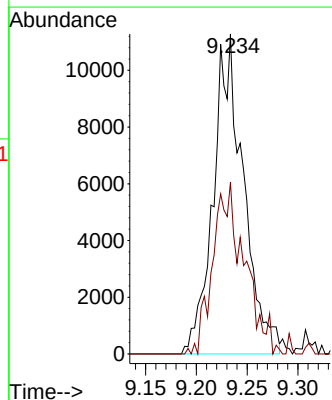
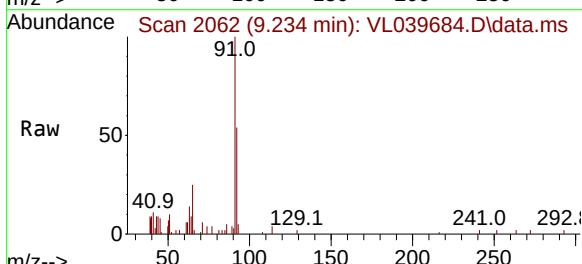
Manual Integrations
APPROVED

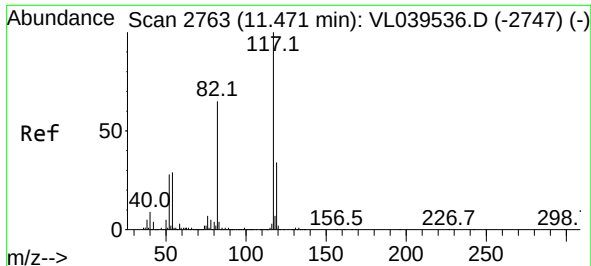
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#53
Toluene
Concen: 0.109 ppbv m
RT: 9.234 min Scan# 2062
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

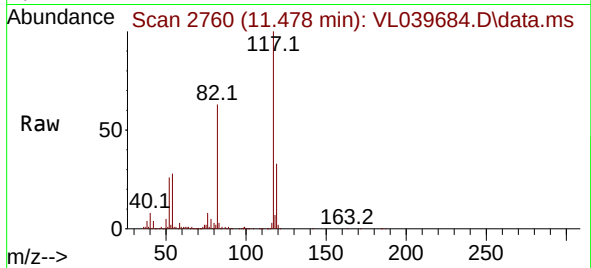
Tgt Ion: 91 Resp: 23236
Ion Ratio Lower Upper
91 100
92 57.4 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10

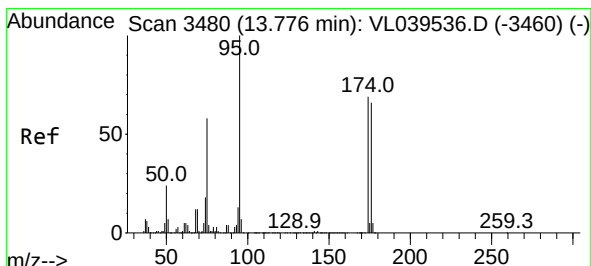
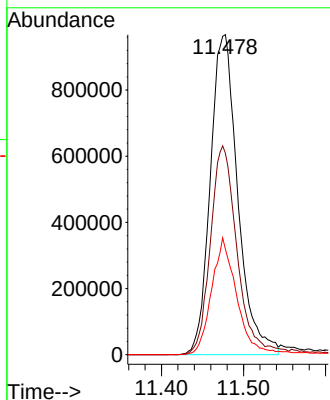
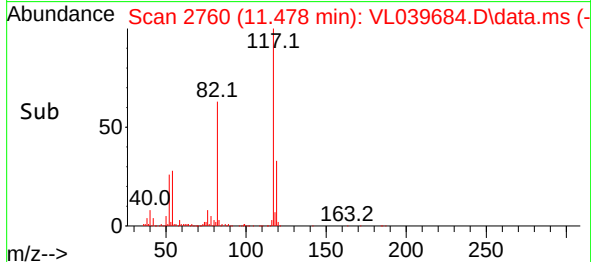
Instrument :
MSVOA_L
ClientSampleId :
1



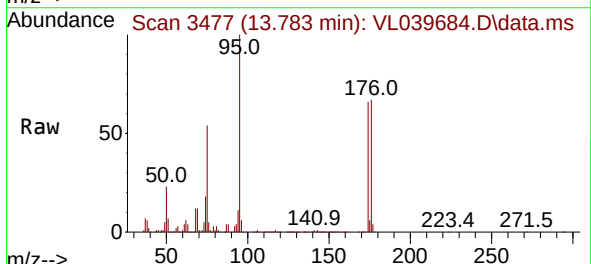
Tgt Ion: 117 Resp: 225690
Ion Ratio Lower Upper
117 100
82 65.2 50.8 76.2
119 34.7 24.1 36.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.016 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.007 min
Lab File: VL039684.D
Acq: 4 Oct 2022 17:10



Tgt Ion: 95 Resp: 1687457
Ion Ratio Lower Upper
95 100
174 72.9 55.9 83.9
175 5.6 4.2 6.4

