

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039685.D
 Acq On : 4 Oct 2022 17:50
 Operator : SY/AP
 Sample : N4885-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DUP

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:41:13 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	5.211	49	943069	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2497969	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2144734	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1548938	9.675	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	31115m	0.285	ppbv	
3) Chlorodifluoromethane	2.703	51	757641	6.770	ppbv	96
4) Chloromethane	2.841	50	28705	0.425	ppbv #	81
9) Propene	2.729	41	13457m	0.263	ppbv	
11) Trichlorofluoromethane	3.584	101	31365	0.232	ppbv #	65
13) Ethanol	3.279	45	25472m	6.540	ppbv	
15) Acetone	3.494	43	791649	7.544	ppbv	93
20) Methylene Chloride	3.957	84	252179	5.198	ppbv	99
26) Hexane	5.234	57	452640	4.661	ppbv #	39
34) 2-Butanone	4.816	43	34838m	0.284	ppbv	
35) Carbon Tetrachloride	6.516	117	9741m	0.073	ppbv	
53) Toluene	9.227	91	19668m	0.093	ppbv	

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

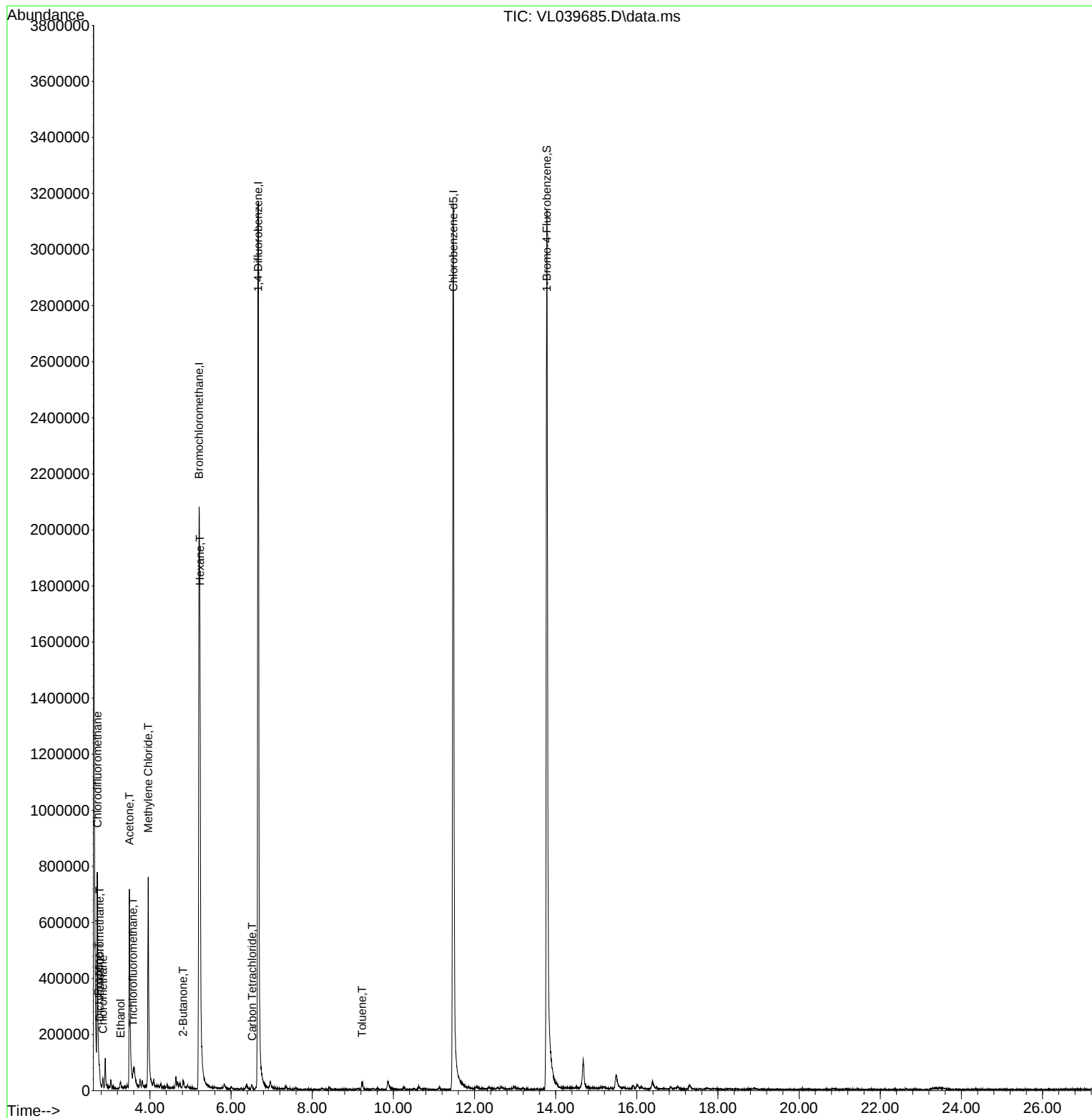
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
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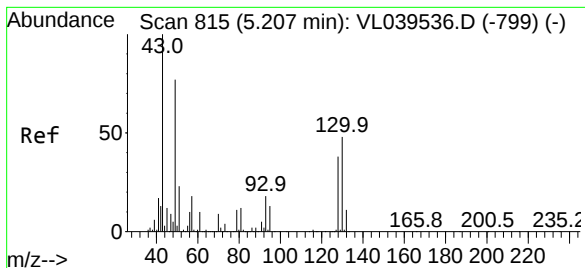
Instrument :
MSVOA_L
ClientSampleId :
1DUP

Quant Time: Oct 05 04:41:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Sep 19 14:26:28 2022
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Manual Integrations
APPROVED

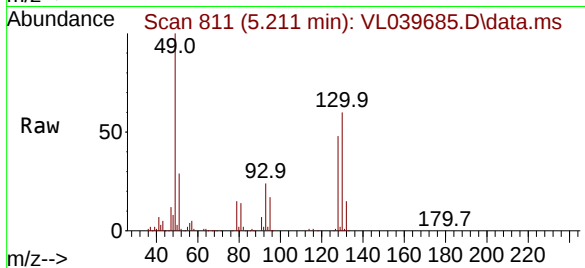
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

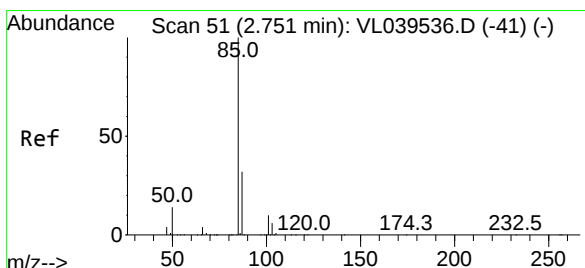
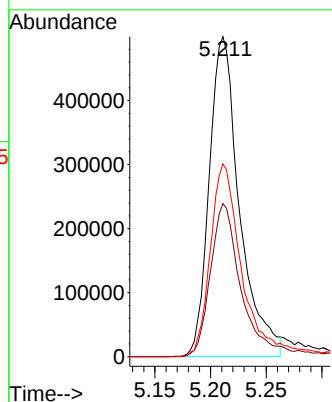
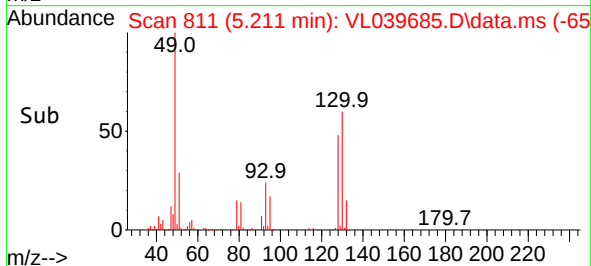
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 49 Resp: 943069
Ion Ratio Lower Upper
49 100
128 51.3 26.7 80.0
130 66.3 34.3 102.8

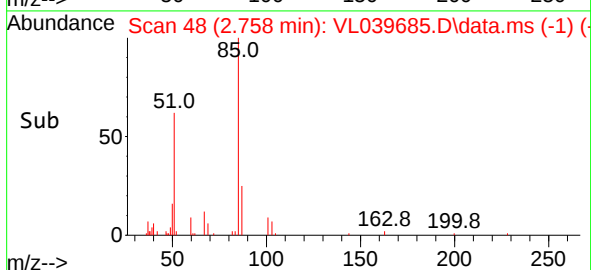
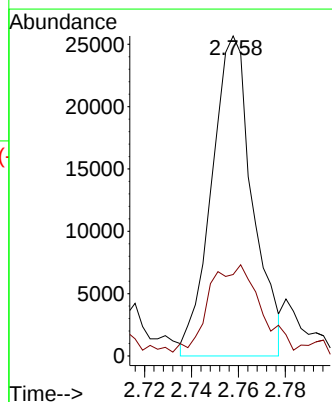
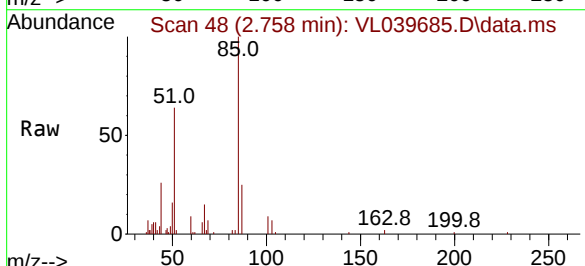
Manual Integrations
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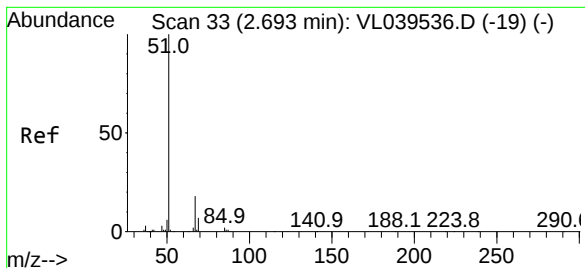
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 0.285 ppbv m
RT: 2.758 min Scan# 48
Delta R.T. 0.007 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

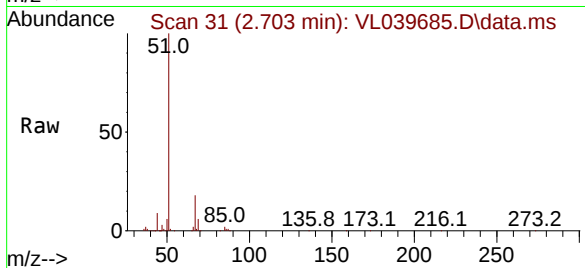
Tgt Ion: 85 Resp: 31115
Ion Ratio Lower Upper
85 100
87 25.4 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 6.770 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

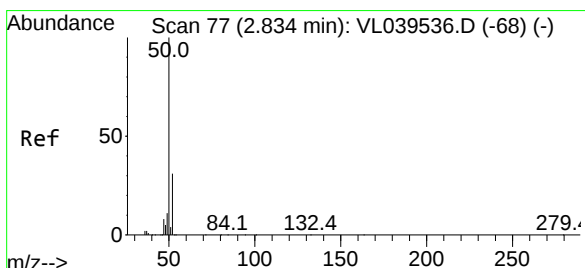
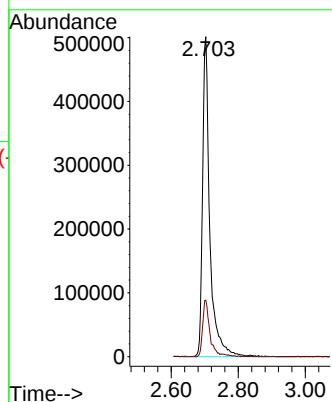
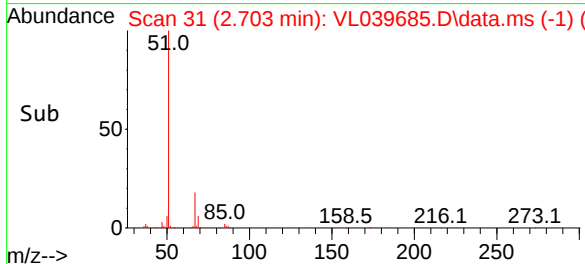
Instrument :
MSVOA_L
ClientSampleId :
1DUP



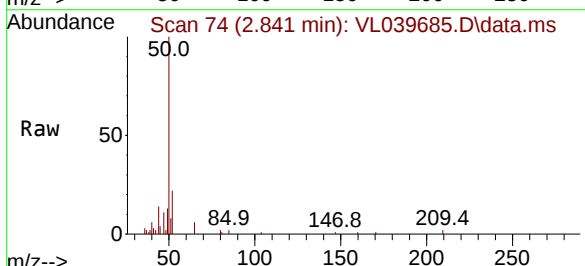
Tgt Ion: 51 Resp: 75764
Ion Ratio Lower Upper
51 100
67 18.0 15.7 23.5

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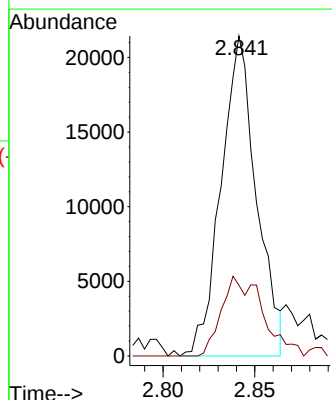
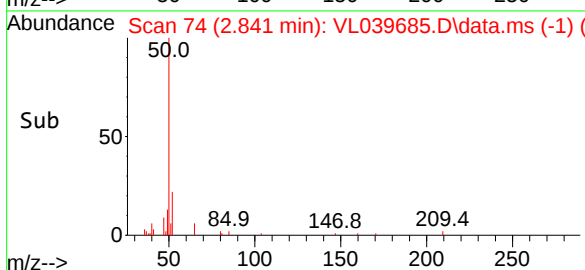
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

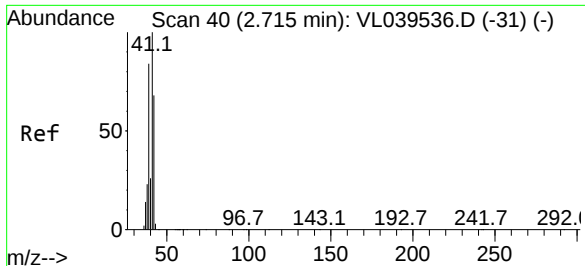


#4
Chloromethane
Concen: 0.425 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50



Tgt Ion: 50 Resp: 28705
Ion Ratio Lower Upper
50 100
52 22.1 26.5 39.7#





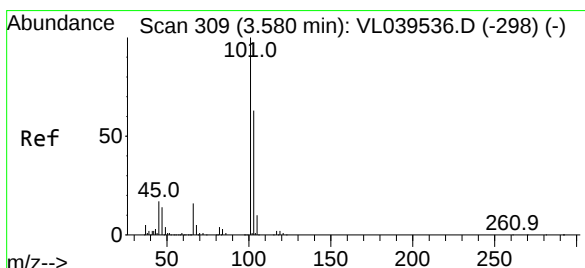
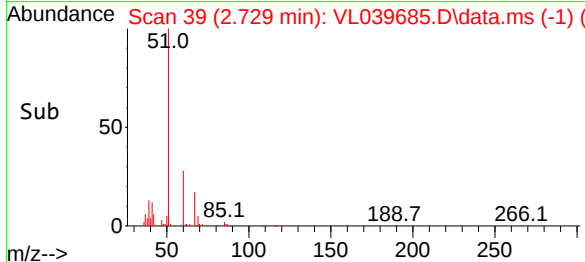
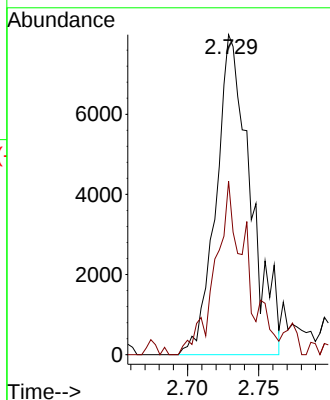
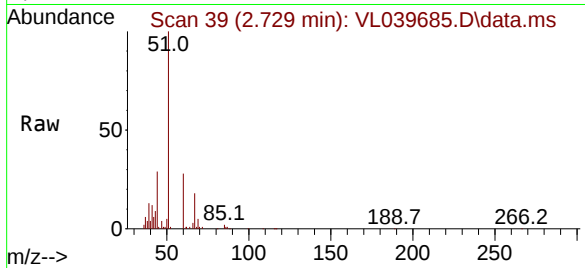
#9
 Propene
 Concen: 0.263 ppbv m
 RT: 2.729 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL039685.D
 Acq: 4 Oct 2022 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 1DUP

Tgt Ion: 41 Resp: 1345
 Ion Ratio Lower Upper
 41 100
 42 54.2 55.2 82.8

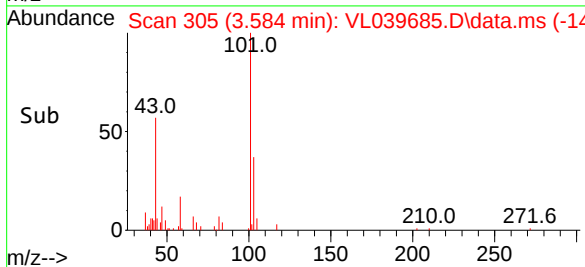
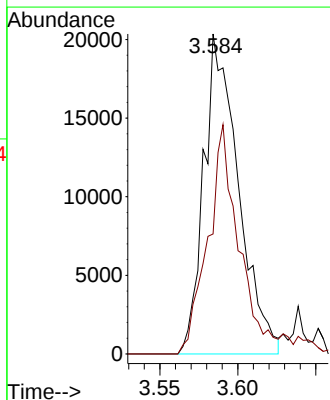
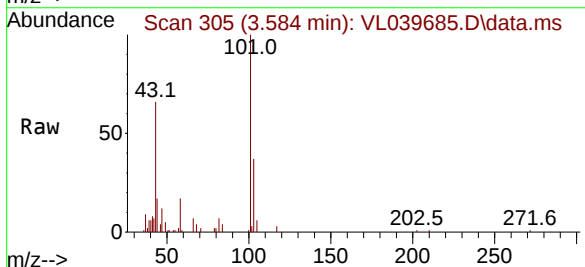
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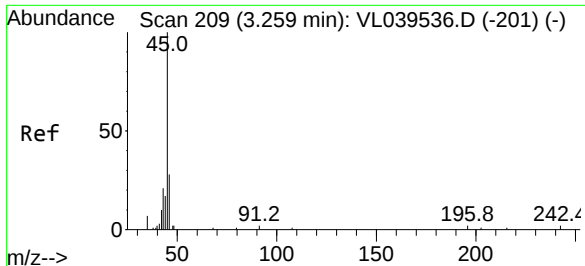
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#11
 Trichlorofluoromethane
 Concen: 0.232 ppbv
 RT: 3.584 min Scan# 305
 Delta R.T. 0.004 min
 Lab File: VL039685.D
 Acq: 4 Oct 2022 17:50

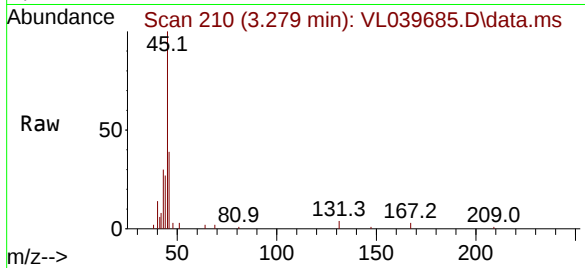
Tgt Ion:101 Resp: 31365
 Ion Ratio Lower Upper
 101 100
 103 37.5 51.8 77.8





#13
Ethanol
Concen: 6.540 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

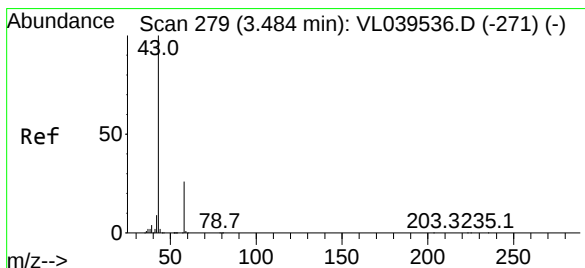
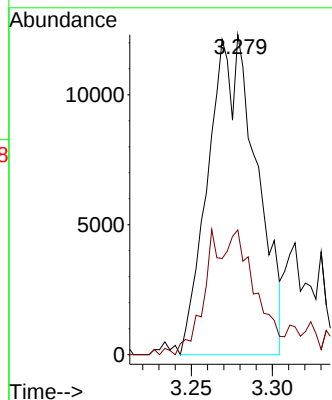
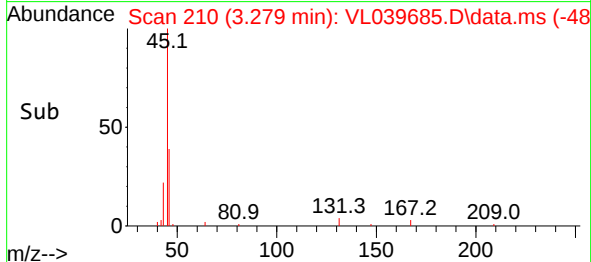
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 45 Resp: 25472
Ion Ratio Lower Upper
45 100
46 43.5 22.8 91.2

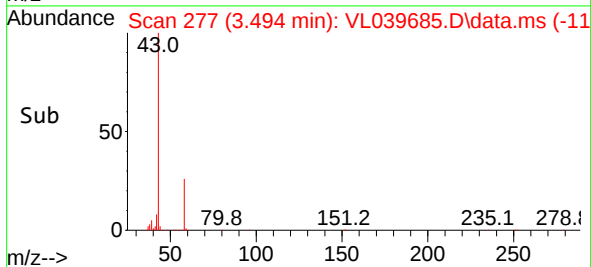
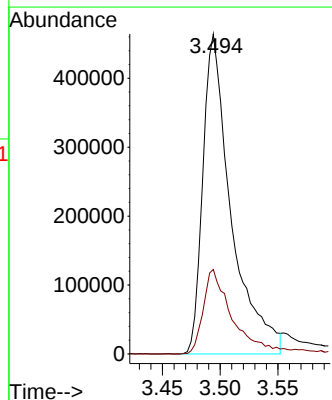
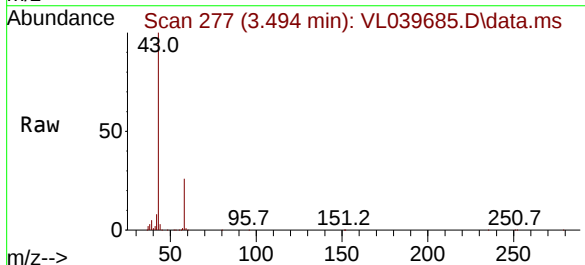
Manual Integrations
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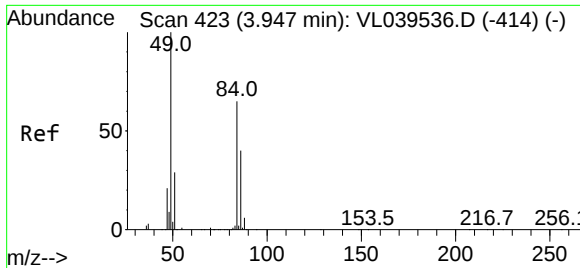
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#15
Acetone
Concen: 7.544 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.010 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

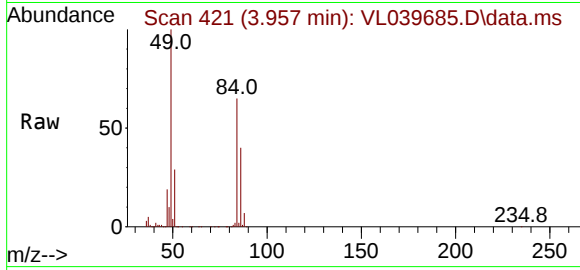
Tgt Ion: 43 Resp: 791649
Ion Ratio Lower Upper
43 100
58 29.6 21.0 31.6





#20
Methylene Chloride
Concen: 5.198 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

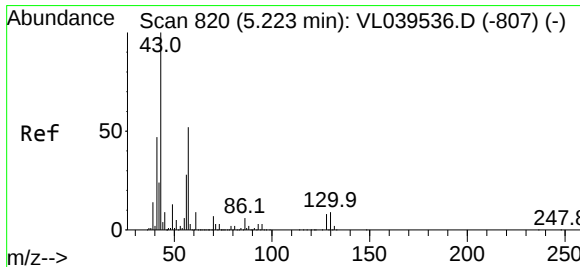
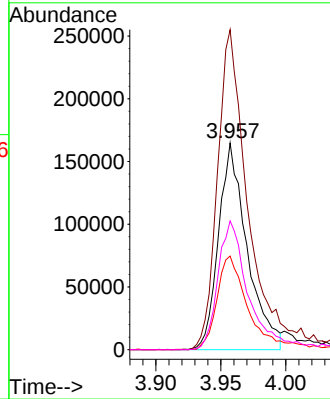
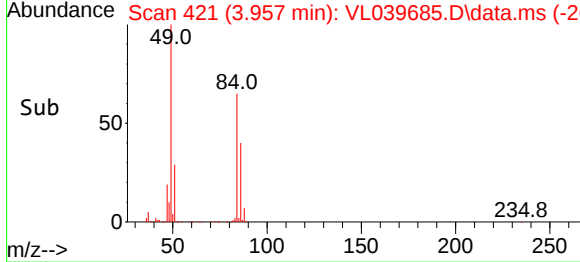
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion: 84 Resp: 252179
Ion Ratio Lower Upper
84 100
49 154.8 123.1 184.7
51 45.1 34.4 51.6
86 62.3 51.1 76.7

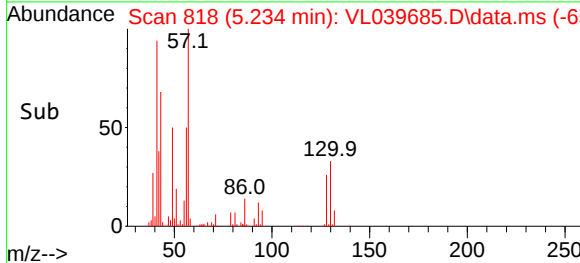
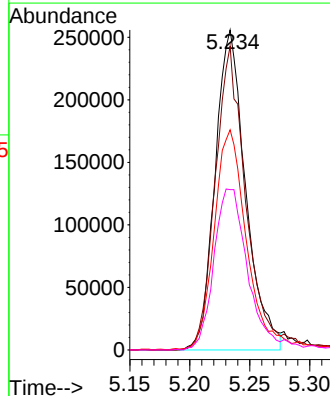
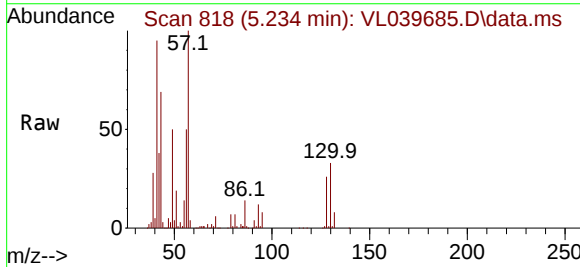
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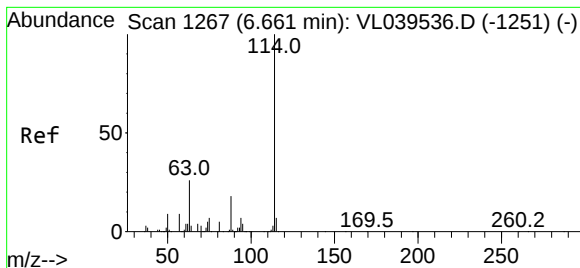
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#26
Hexane
Concen: 4.661 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

Tgt Ion: 57 Resp: 452640
Ion Ratio Lower Upper
57 100
41 98.5 76.9 115.3
43 75.3 191.0 286.6#
56 57.5 43.2 64.8





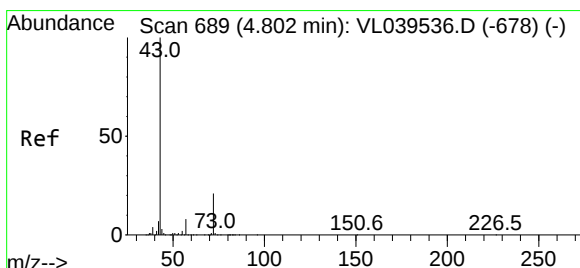
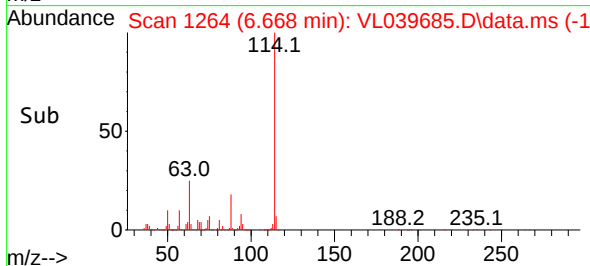
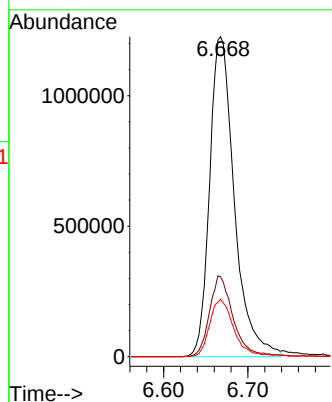
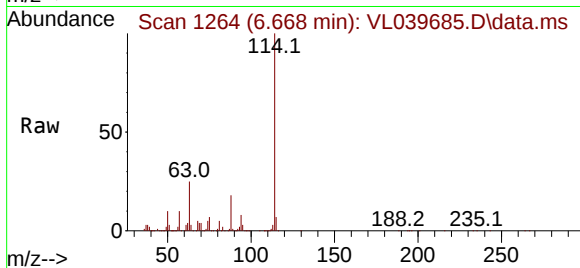
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
1DUP

Tgt Ion:114 Resp: 249796
Ion Ratio Lower Upper
114 100
63 24.6 20.2 30.4
88 17.9 14.5 21.7

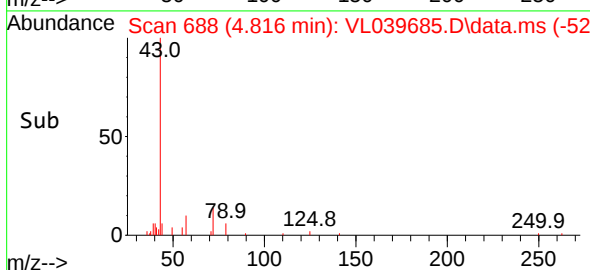
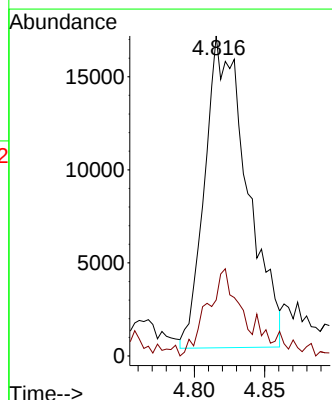
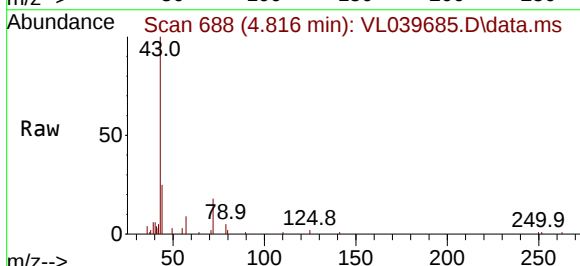
Manual Integrations
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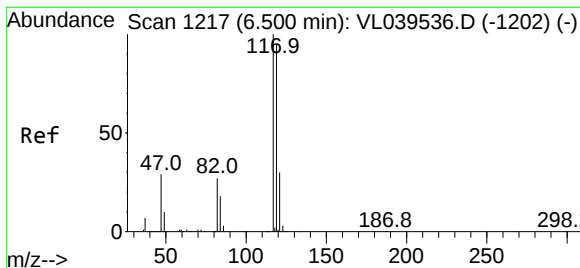
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#34
2-Butanone
Concen: 0.284 ppbv m
RT: 4.816 min Scan# 688
Delta R.T. 0.013 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

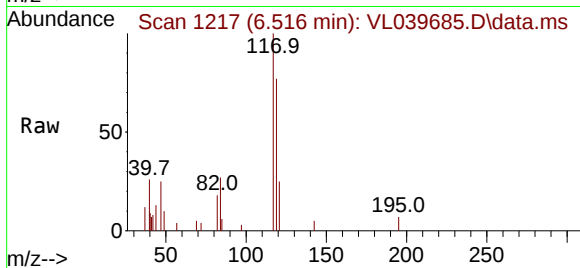
Tgt Ion: 43 Resp: 34838
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9#





#35
Carbon Tetrachloride
Concen: 0.073 ppbv m
RT: 6.516 min Scan# 117
Delta R.T. 0.017 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

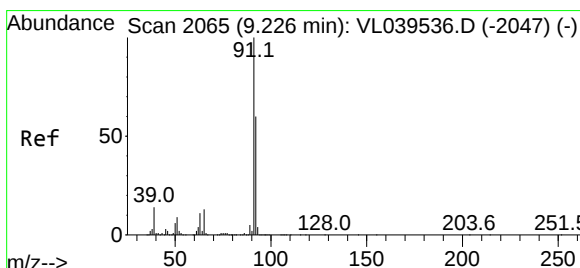
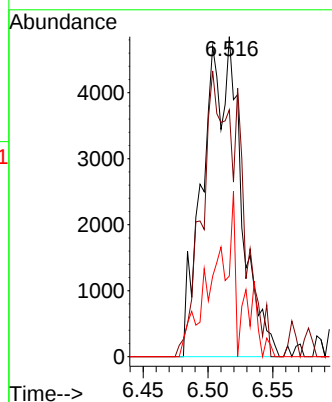
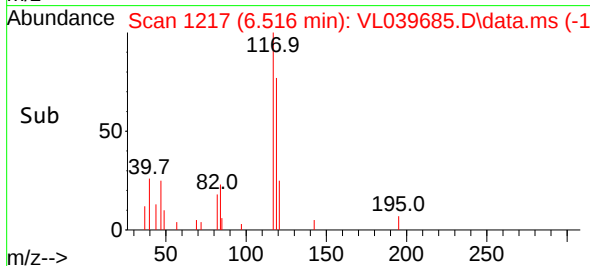
Instrument :
MSVOA_L
ClientSampleId :
1DUP



Tgt Ion:117 Resp: 974
Ion Ratio Lower Upper
117 100
119 77.2 75.4 113.2
121 25.2 24.2 36.2

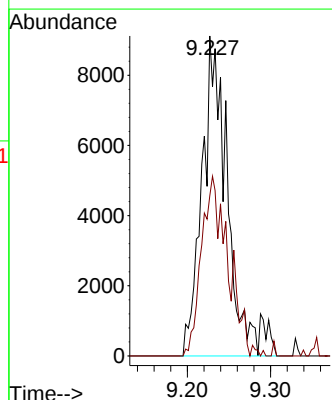
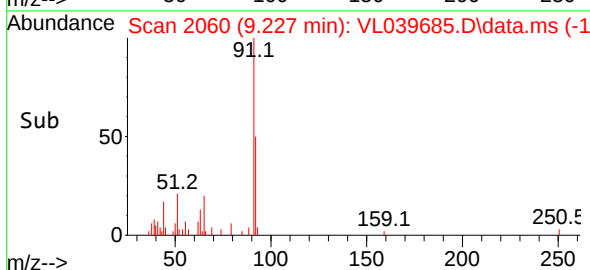
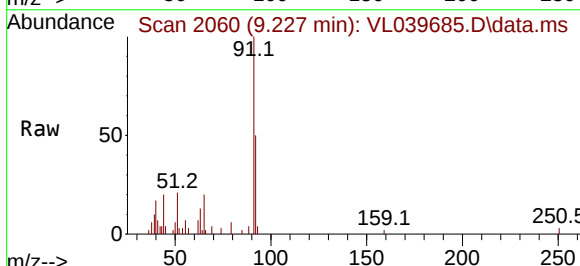
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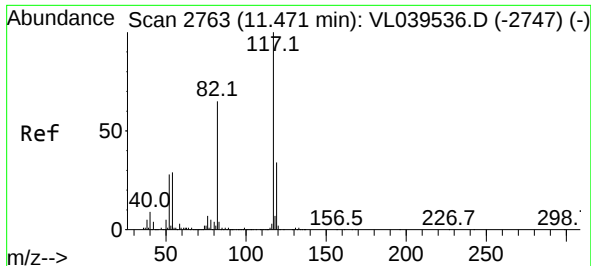
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#53
Toluene
Concen: 0.093 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

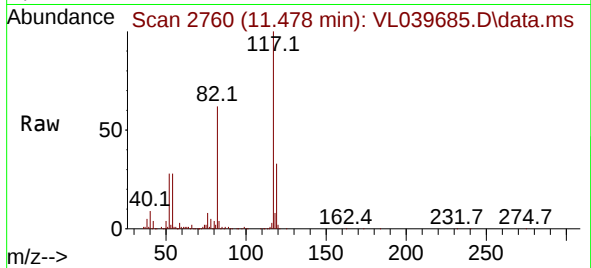
Tgt Ion: 91 Resp: 19668
Ion Ratio Lower Upper
91 100
92 57.9 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2144734
Delta R.T. 0.007 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50

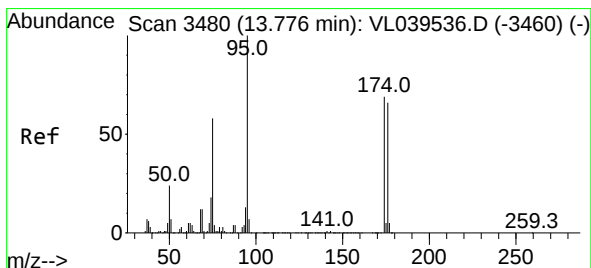
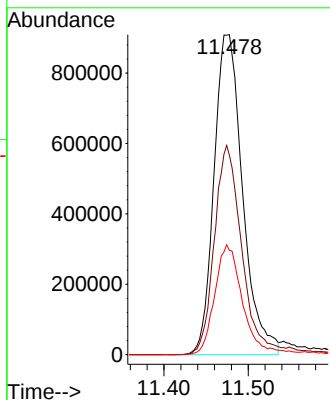
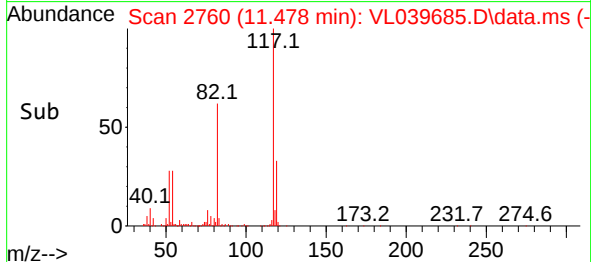
Instrument :
MSVOA_L
ClientSampleId :
1DUP



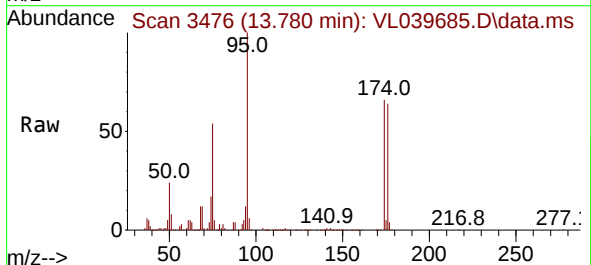
Tgt Ion: 117 Resp: 2144734
Ion Ratio Lower Upper
117 100
82 65.2 50.8 76.2
119 34.3 24.1 36.1

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.675 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.004 min
Lab File: VL039685.D
Acq: 4 Oct 2022 17:50



Tgt Ion: 95 Resp: 1548938
Ion Ratio Lower Upper
95 100
174 77.2 55.9 83.9
175 5.3 4.2 6.4

