

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040599.D
 Acq On : 7 Aug 2023 15:14
 Operator : SY/MD
 Sample : 03907-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023
 Supervised By : Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1160268	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2804492	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2484157	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2079629	10.578	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	25984	0.112	ppbv	90
4) Chloromethane	2.819	50	7704	0.106	ppbv	99
9) Propene	3.018	41	7237m	0.115	ppbv	
13) Ethanol	3.243	45	269986	19.709	ppbv	94
15) Acetone	3.475	43	1004268	7.519	ppbv	98
34) 2-Butanone	4.799	43	37842m	0.273	ppbv	
36) Benzene	6.381	78	24578m	0.109	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	50448	0.251	ppbv	100
53) Toluene	9.233	91	448291	1.829	ppbv	99
58) Ethyl Benzene	12.098	91	49500m	0.159	ppbv	
59) m/p-Xylene	12.355	91	192934m	0.693	ppbv	
60) o-Xylene	13.076	91	52007m	0.196	ppbv	

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

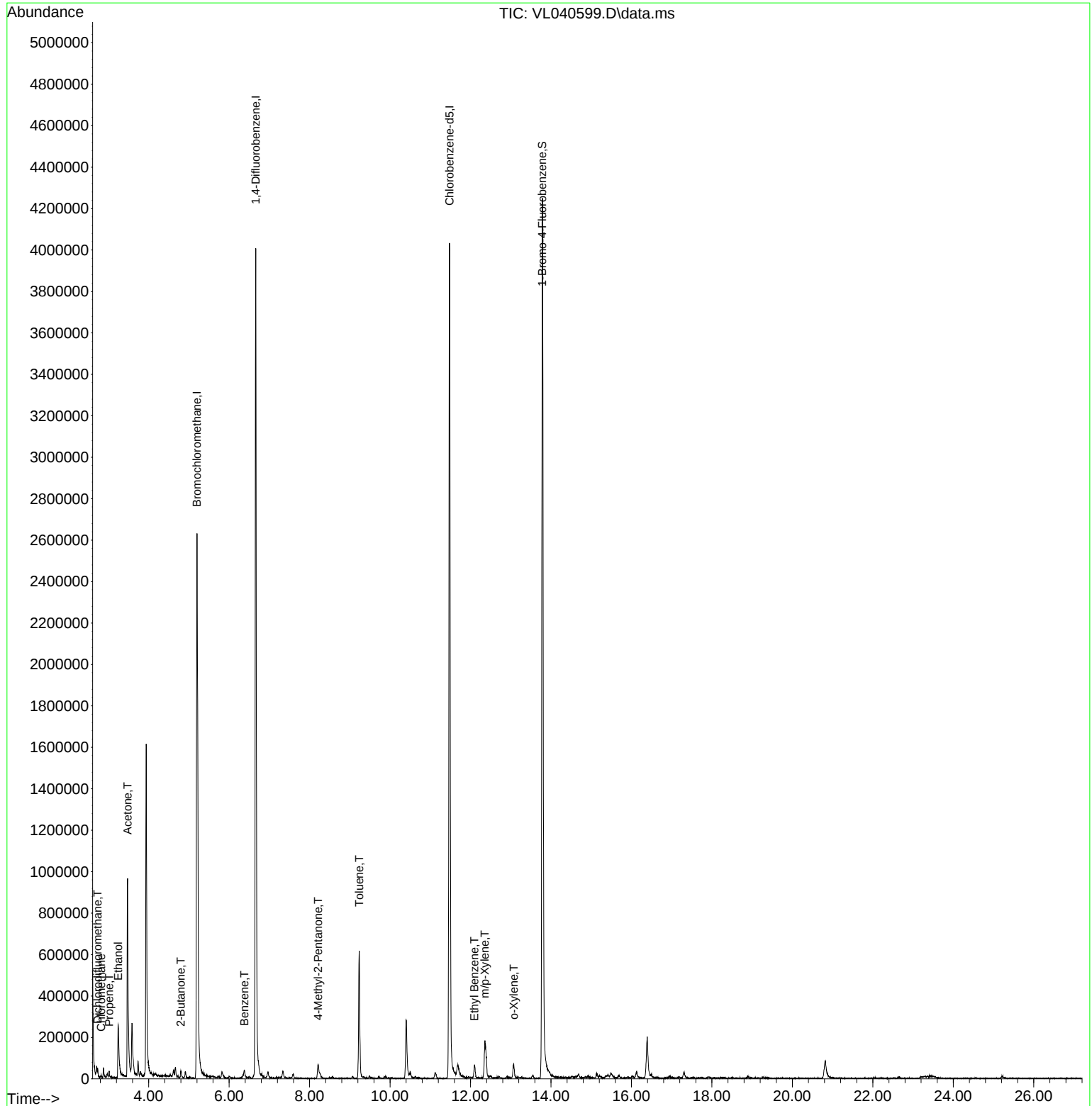
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
Data File : VL040599.D
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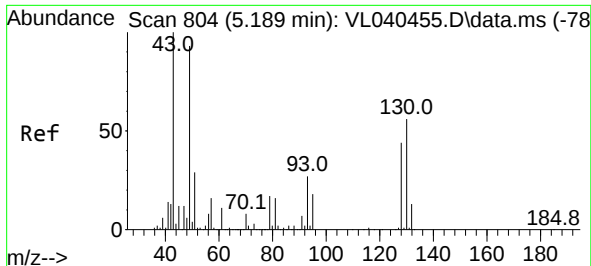
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Quant Time: Aug 08 01:41:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

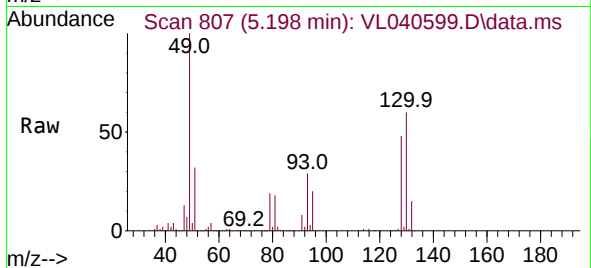
Reviewed By : Semsettin Yesilyurt 08/08/2023
Supervised By : Mahesh Dadoda 08/09/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. -0.004 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

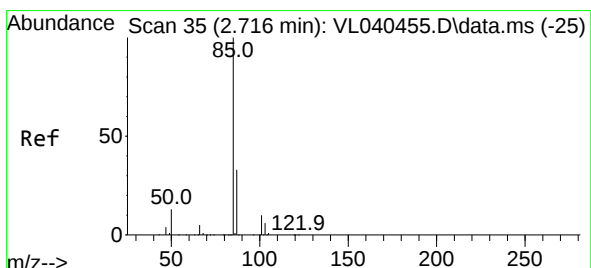
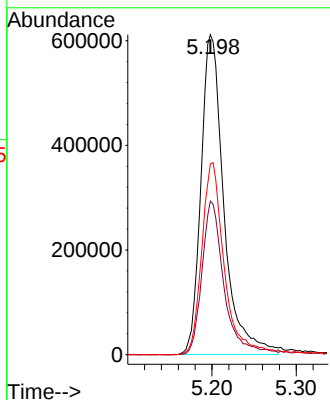
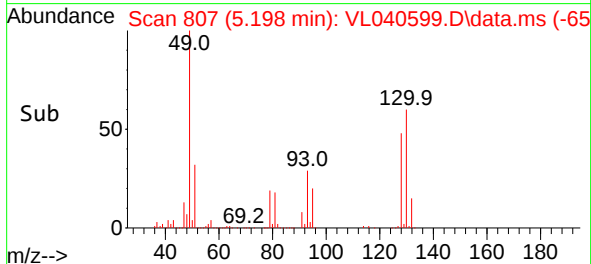
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL



Tgt Ion: 49 Resp: 116026
Ion Ratio Lower Upper
49 100
128 47.8 25.1 75.4
130 59.9 31.6 94.7

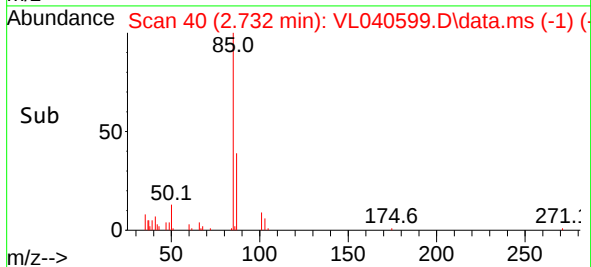
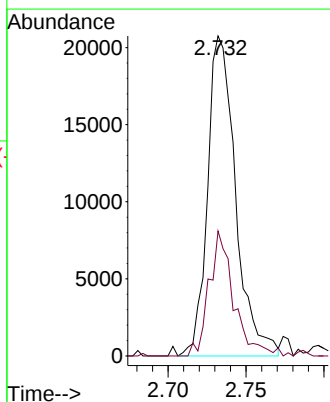
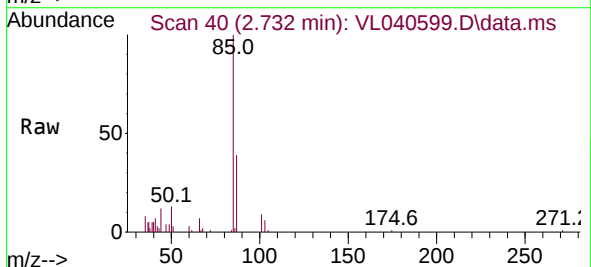
Manual Integrations
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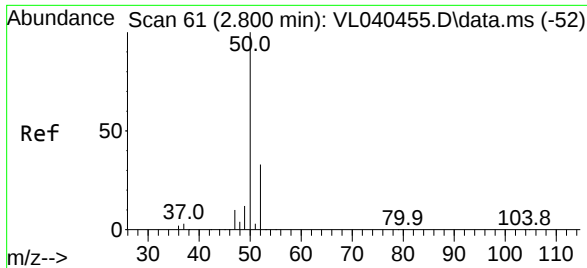
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#2
Dichlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.007 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

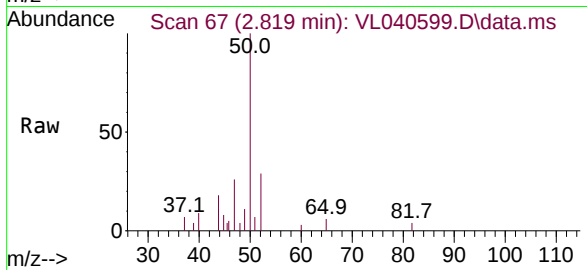
Tgt Ion: 85 Resp: 25984
Ion Ratio Lower Upper
85 100
87 39.1 26.8 40.2





#4
Chloromethane
Concen: 0.106 ppbv
RT: 2.819 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

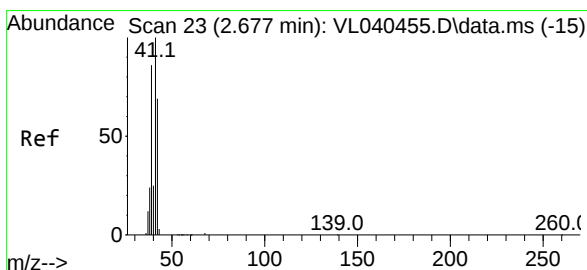
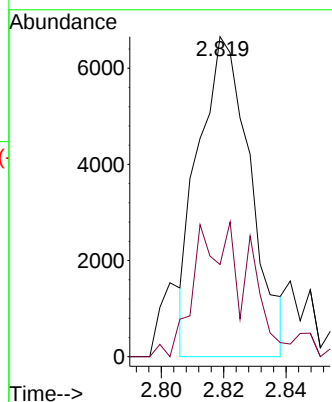
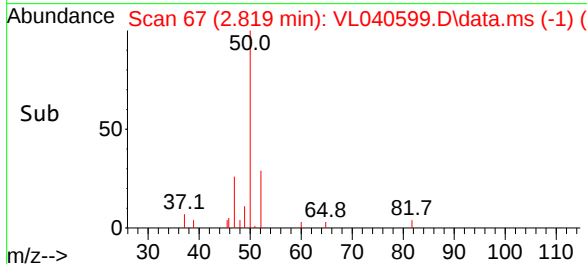
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL



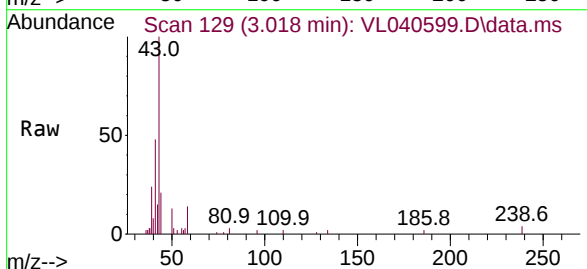
Tgt Ion: 50 Resp: 7704
Ion Ratio Lower Upper
50 100
52 30.0 24.4 36.6

Manual Integrations
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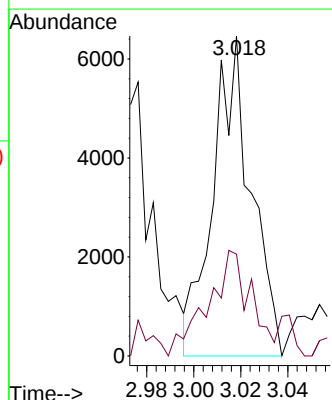
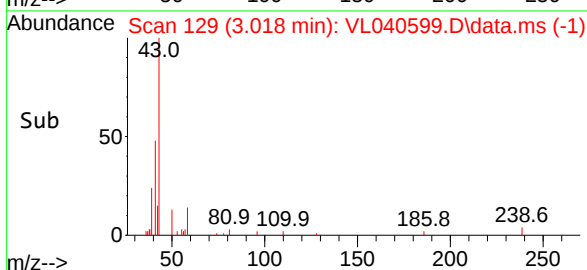
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023

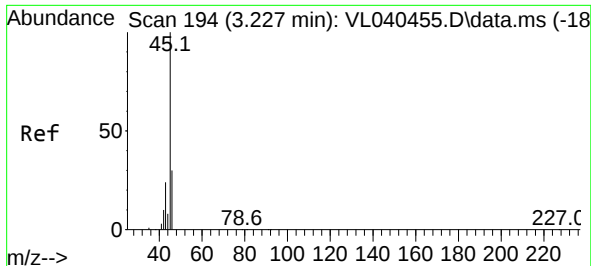


#9
Propene
Concen: 0.115 ppbv m
RT: 3.018 min Scan# 129
Delta R.T. 0.315 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14



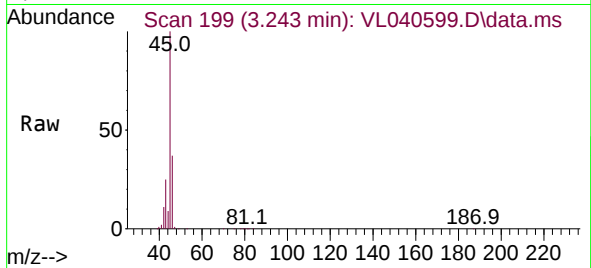
Tgt Ion: 41 Resp: 7237
Ion Ratio Lower Upper
41 100
42 49.2 55.0 82.6#





#13
Ethanol
Concen: 19.709 ppbv
RT: 3.243 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

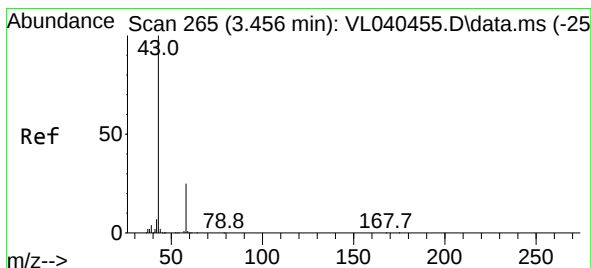
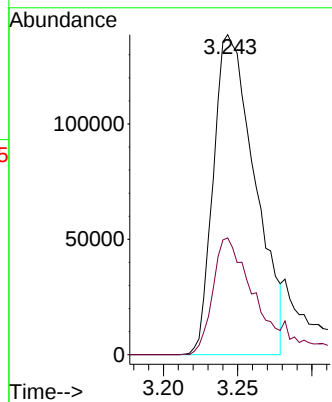
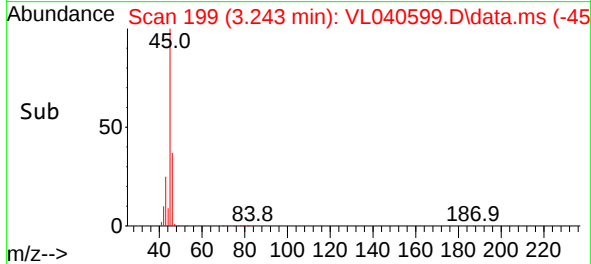
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL



Tgt Ion: 45 Resp: 269980
Ion Ratio Lower Upper
45 100
46 42.0 15.3 61.1

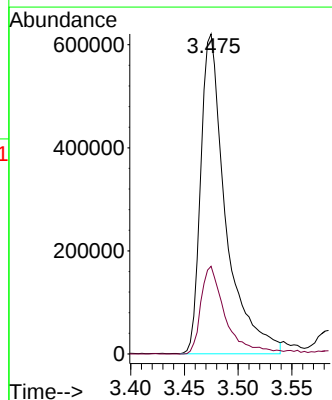
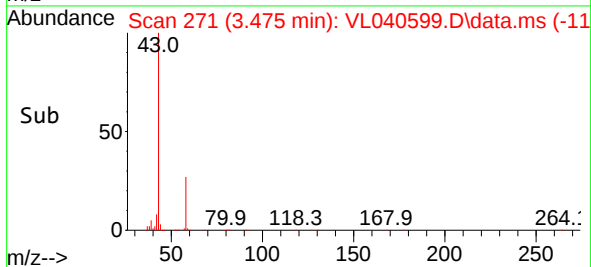
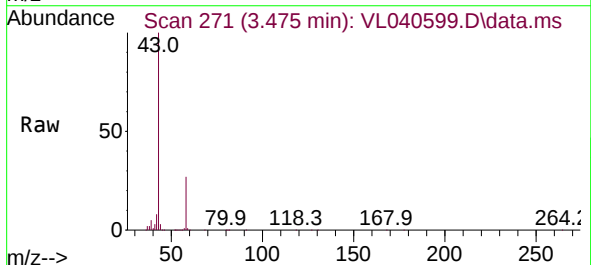
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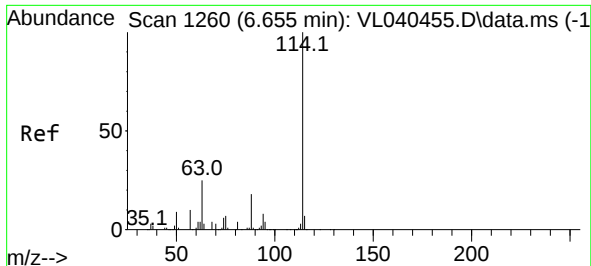
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#15
Acetone
Concen: 7.519 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.000 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Tgt Ion: 43 Resp: 1004268
Ion Ratio Lower Upper
43 100
58 27.6 22.9 34.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040599.D

Acq: 7 Aug 2023 15:14

Instrument :

MSVOA_L

ClientSampleId :

OA-1DL

Tgt Ion:114 Resp: 280449

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

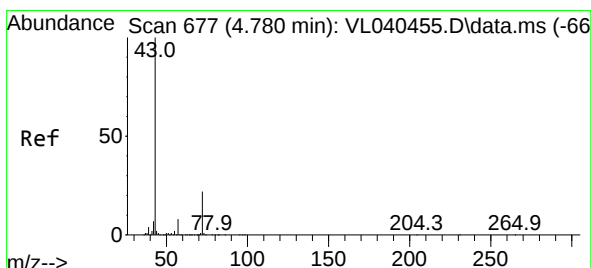
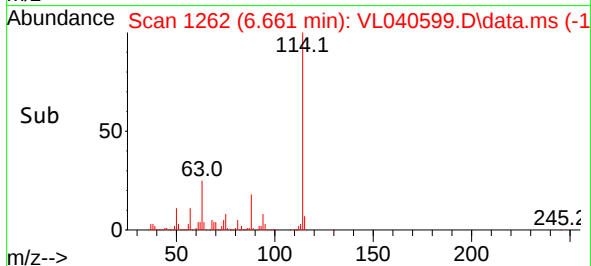
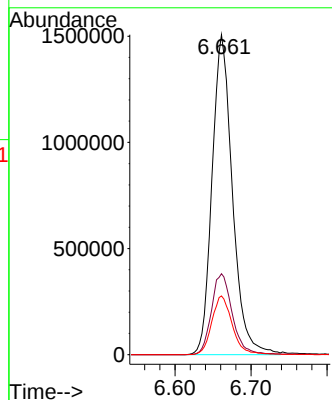
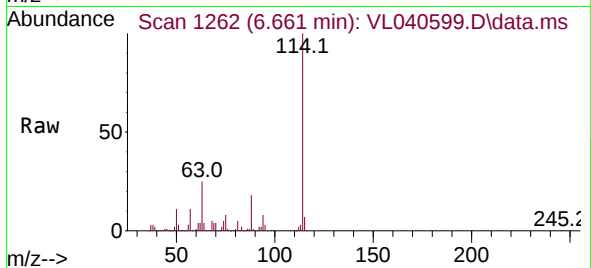
88 18.6 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/08/2023

Supervised By :Mahesh Dadoda 08/09/2023



#34

2-Butanone

Concen: 0.273 ppbv m

RT: 4.799 min Scan# 683

Delta R.T. 0.006 min

Lab File: VL040599.D

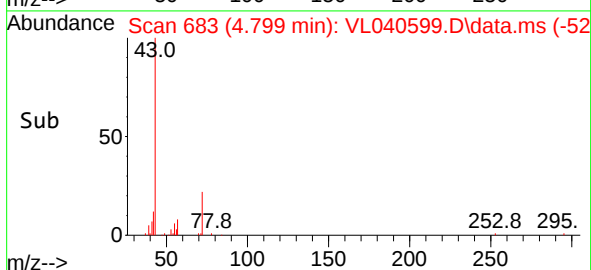
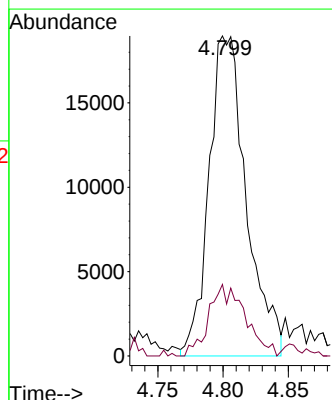
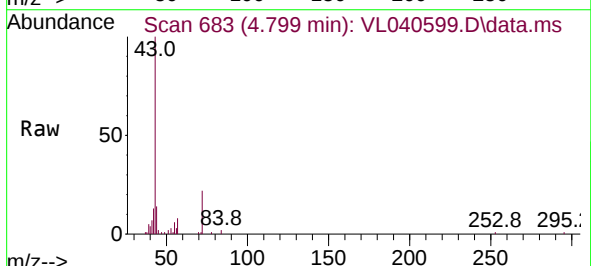
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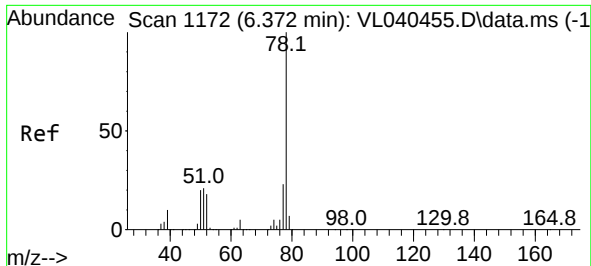
Tgt Ion: 43 Resp: 37842

Ion Ratio Lower Upper

43 100

72 21.9 19.1 28.7





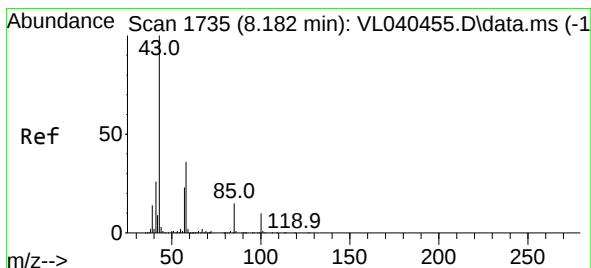
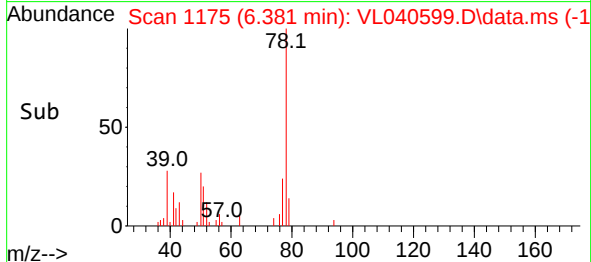
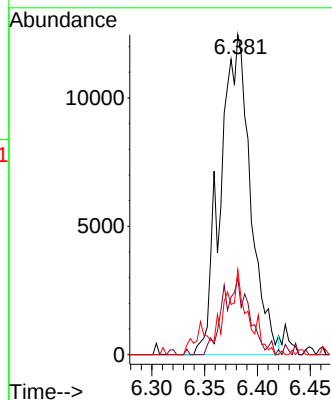
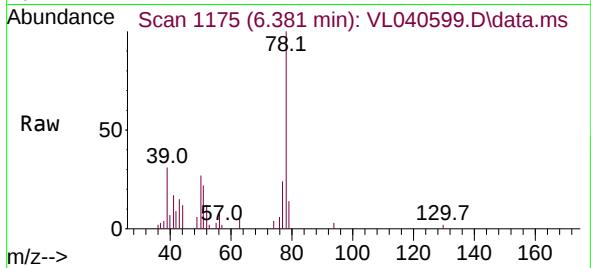
#36
Benzene
Concen: 0.109 ppbv m
RT: 6.381 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 78 Resp: 24578
Ion Ratio Lower Upper
78 100
77 24.0 17.4 26.0
50 26.5 14.4 21.6

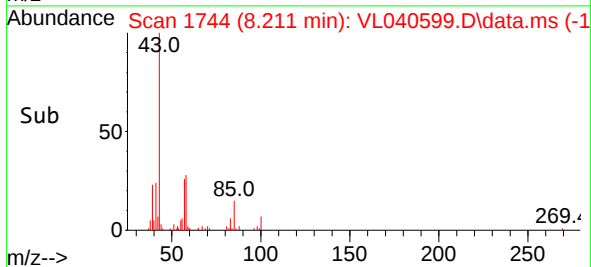
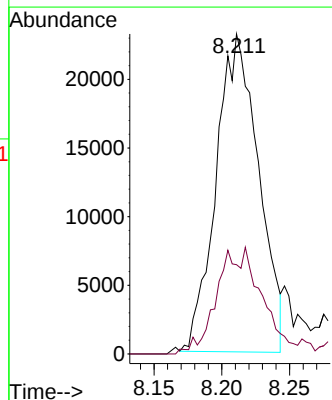
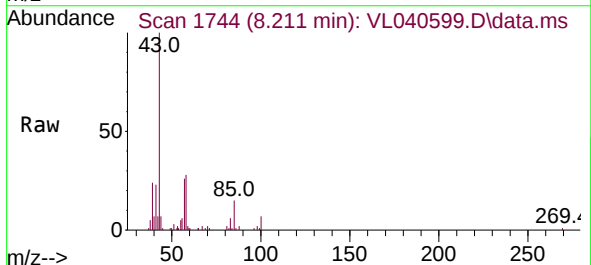
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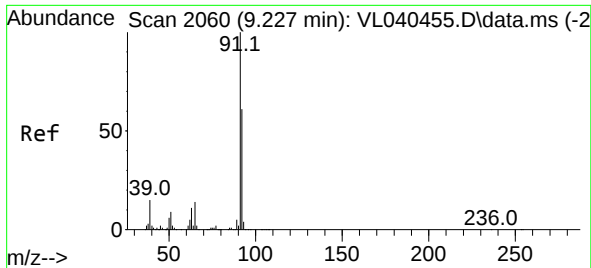
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#50
4-Methyl-2-Pentanone
Concen: 0.251 ppbv
RT: 8.211 min Scan# 1744
Delta R.T. 0.019 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Tgt Ion: 43 Resp: 50448
Ion Ratio Lower Upper
43 100
58 37.6 30.2 45.2





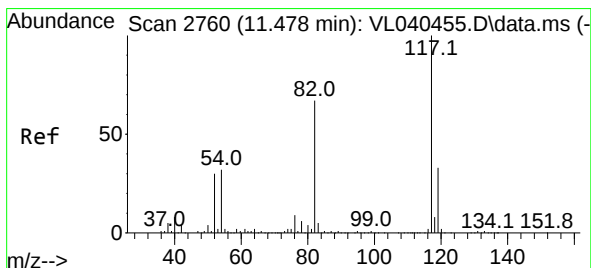
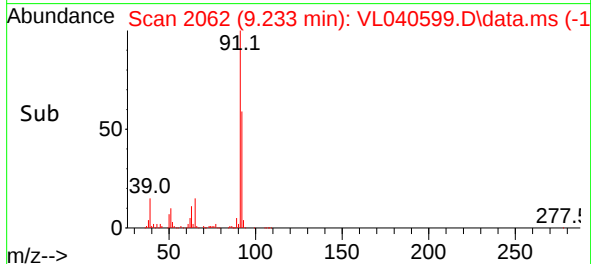
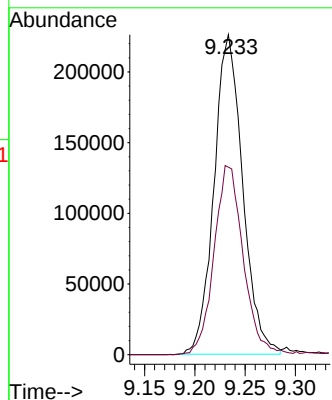
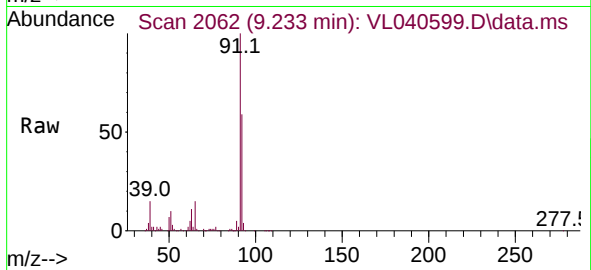
#53
Toluene
Concen: 1.829 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 91 Resp: 44829
Ion Ratio Lower Upper
91 100
92 60.4 49.1 73.7

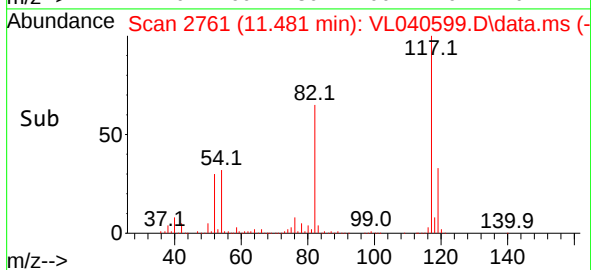
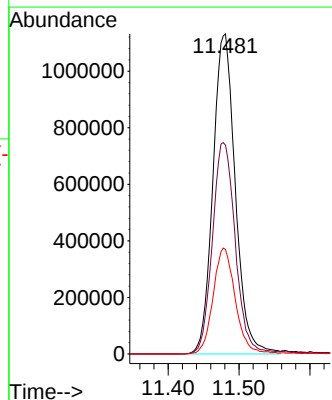
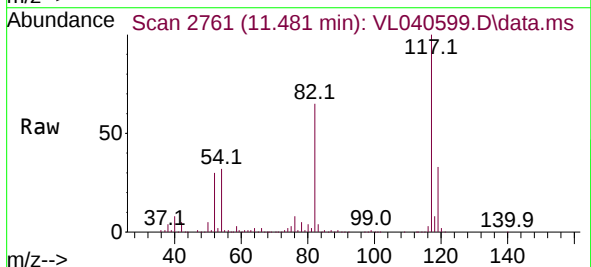
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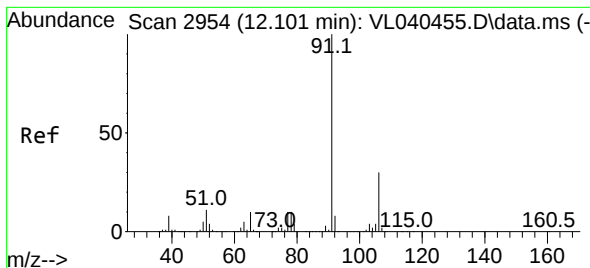
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Tgt Ion:117 Resp: 2484157
Ion Ratio Lower Upper
117 100
82 68.6 50.2 75.4
119 33.1 26.9 40.3





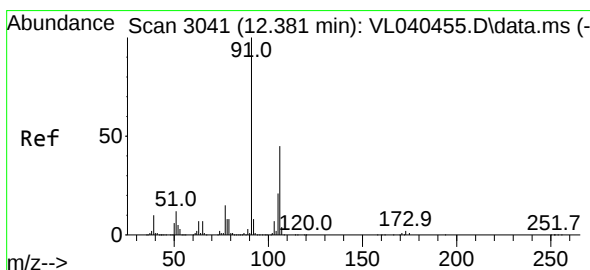
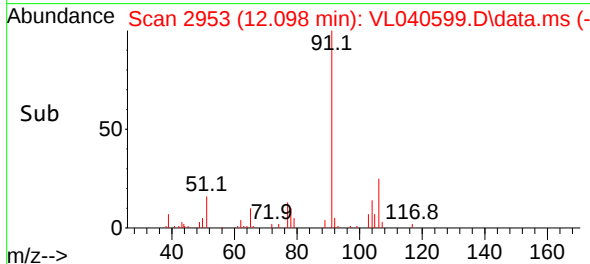
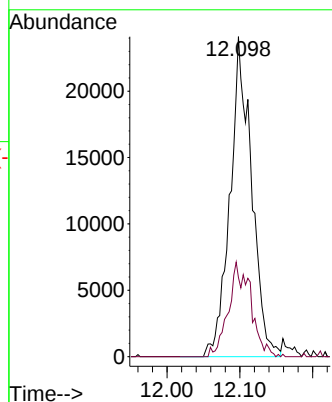
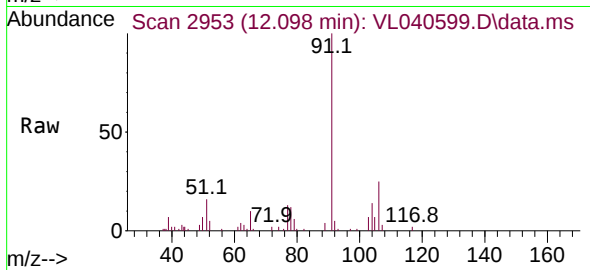
#58
Ethyl Benzene
Concen: 0.159 ppbv m
RT: 12.098 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 91 Resp: 49500
Ion Ratio Lower Upper
91 100
106 24.7 25.4 38.0

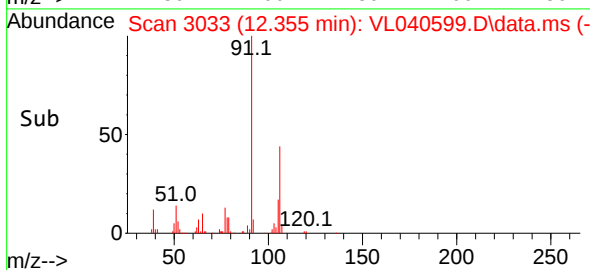
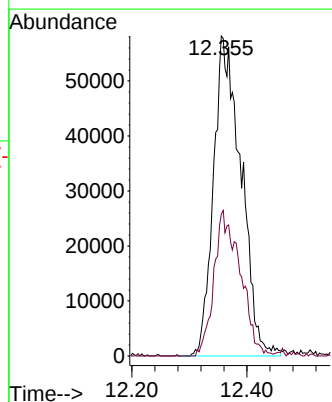
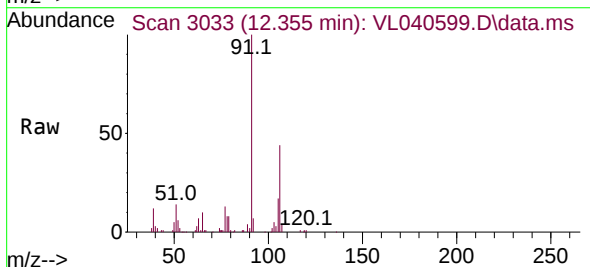
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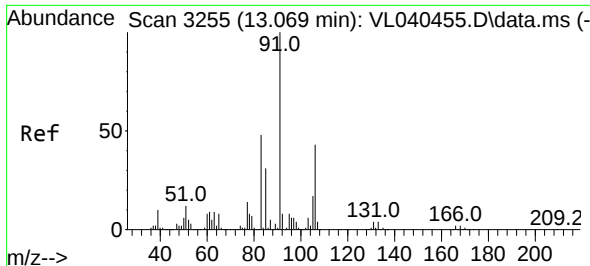
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#59
m/p-Xylene
Concen: 0.693 ppbv m
RT: 12.355 min Scan# 3033
Delta R.T. -0.029 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Tgt Ion: 91 Resp: 192934
Ion Ratio Lower Upper
91 100
106 0.0 35.9 53.9





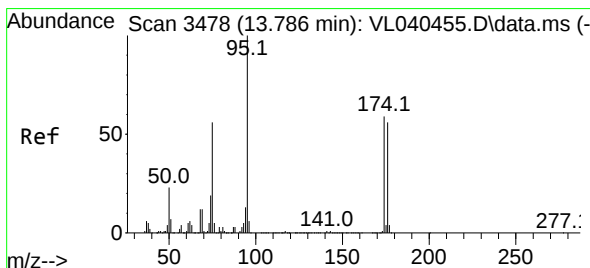
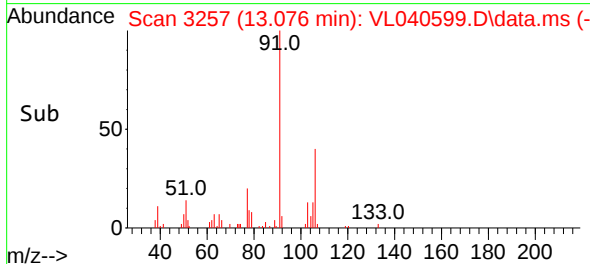
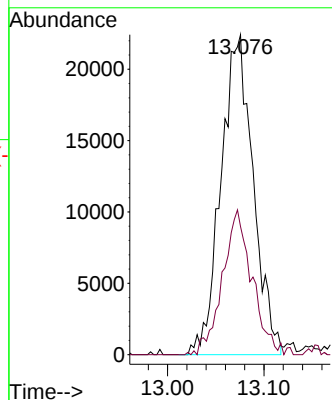
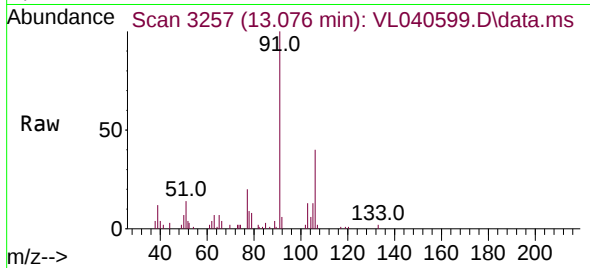
#60
o-Xylene
Concen: 0.196 ppbv m
RT: 13.076 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 91 Resp: 5200
Ion Ratio Lower Upper
91 100
106 41.8 22.7 68.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.578 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040599.D
Acq: 7 Aug 2023 15:14

Tgt Ion: 95 Resp: 2079629
Ion Ratio Lower Upper
95 100
174 59.8 50.6 75.8
175 4.1 3.7 5.5

