

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041487.D
 Acq On : 1 Aug 2024 21:18
 Operator : SY/MD
 Sample : P3445-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2ND-FLOORDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:15:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	915265	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2410457	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2205423	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1666248	9.818	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.681	51	169453	1.555	ppbv	96
4) Chloromethane	2.819	50	7370	0.127	ppbv	97
9) Propene	2.706	41	83042m	1.659	ppbv	
13) Ethanol	3.237	45	1146824	256.353	ppbv	98
15) Acetone	3.472	43	626128	6.021	ppbv	99
19) Isopropyl Alcohol	3.578	45	1098672	18.071	ppbv #	98
20) Methylene Chloride	3.938	84	98424	2.538	ppbv	98
25) Ethyl Acetate	5.214	43	73156	0.354	ppbv #	96
29) Chloroform	5.272	83	17862	0.128	ppbv #	82
34) 2-Butanone	4.790	43	28328m	0.243	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	30892m	0.105	ppbv	
53) Toluene	9.221	91	62959m	0.321	ppbv	
69) p-Isopropyltoluene	16.995	119	56432m	0.173	ppbv	

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

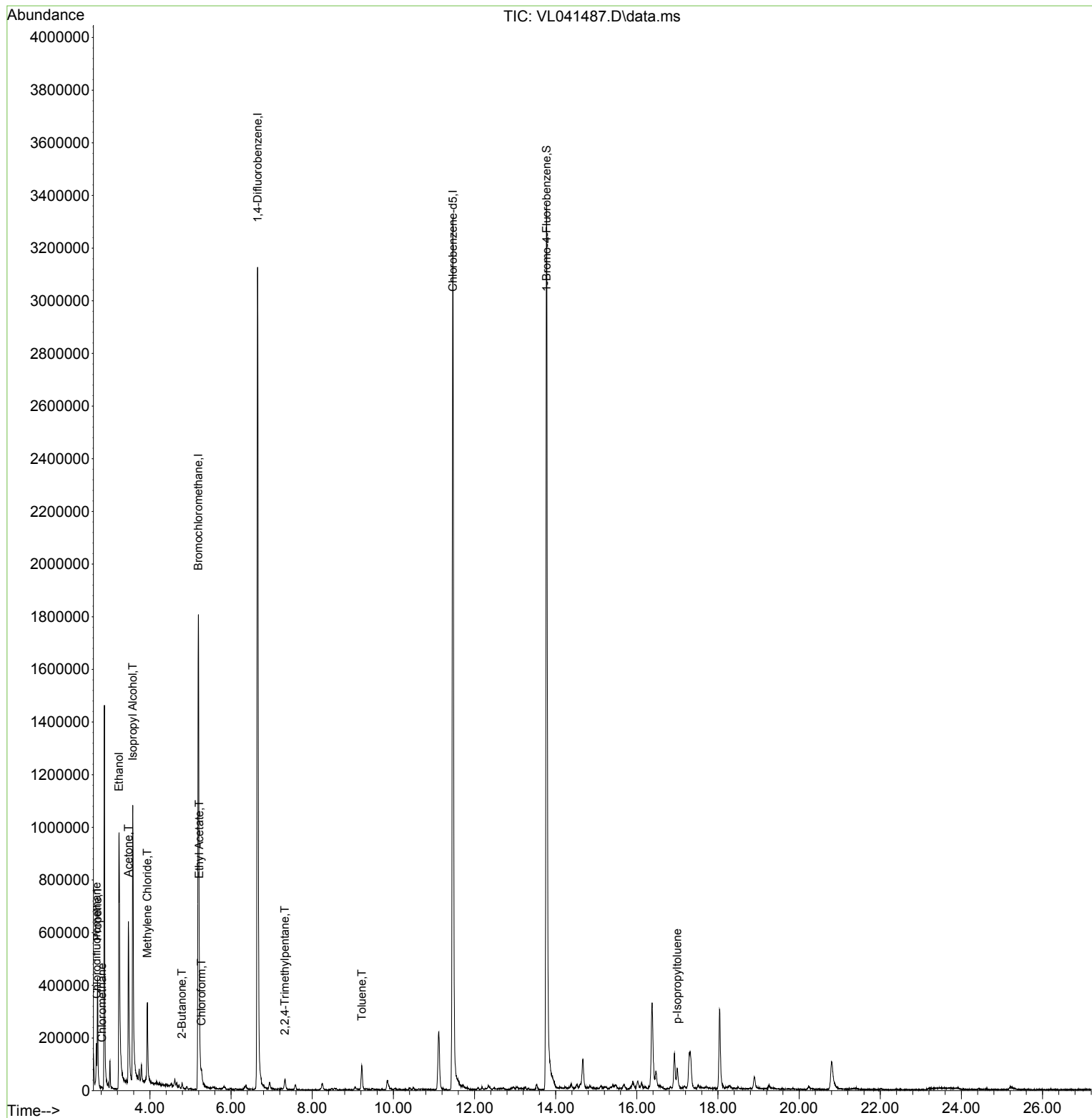
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041487.D
Acq On : 1 Aug 2024 21:18
Operator : SY/MD
Sample : P3445-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

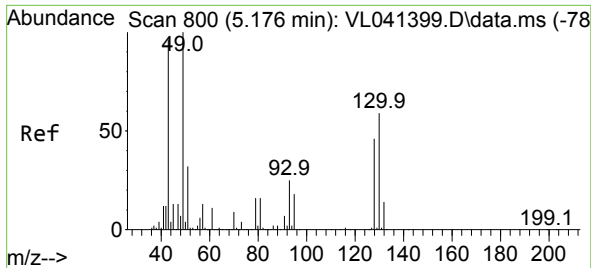
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOODL

Quant Time: Aug 02 04:15:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

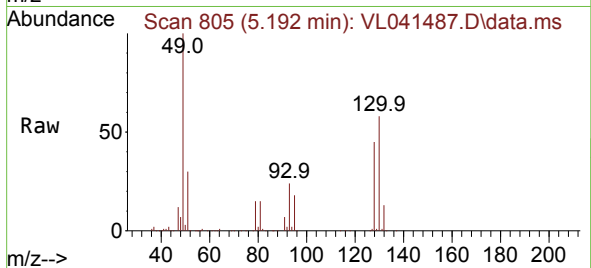
Reviewed By : Semsettin Yesilyurt 08/02/2024
Supervised By : Mahesh Dadoda 08/03/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

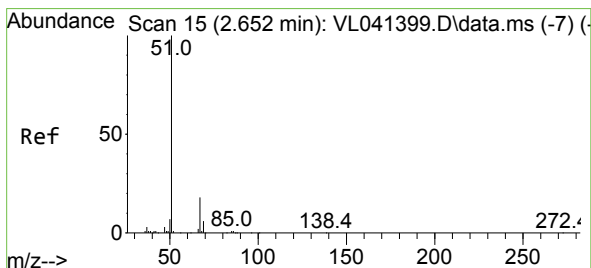
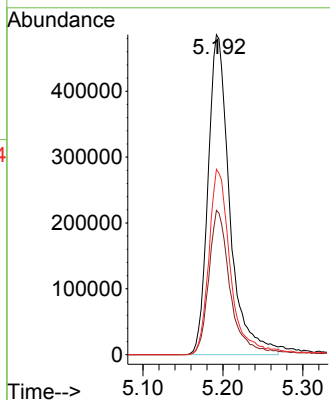
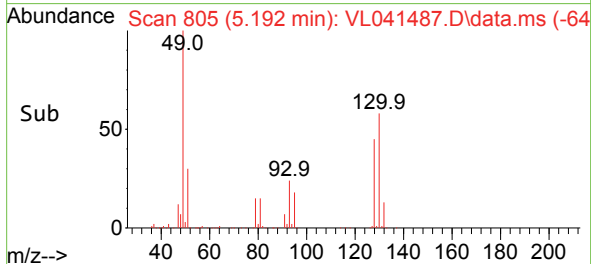
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOODL



Tgt Ion: 49 Resp: 91526
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.4
130 59.2 30.8 92.4

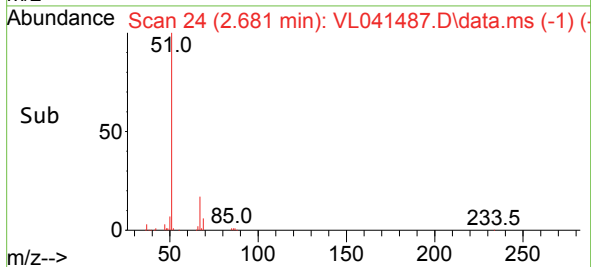
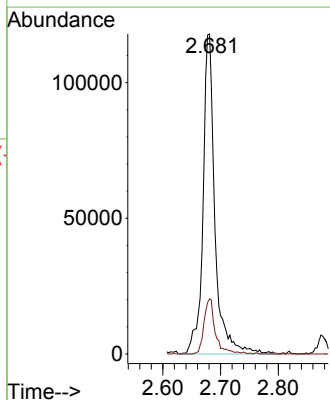
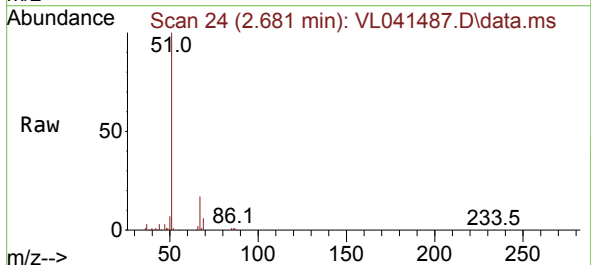
Manual Integrations
APPROVED

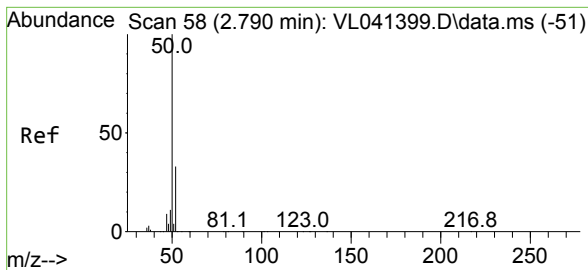
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#3
Chlorodifluoromethane
Concen: 1.555 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

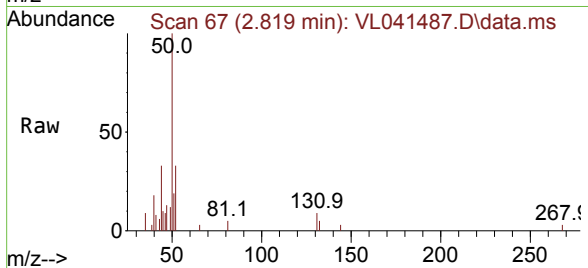
Tgt Ion: 51 Resp: 169453
Ion Ratio Lower Upper
51 100
67 16.5 14.5 21.7





#4
Chloromethane
Concen: 0.127 ppbv
RT: 2.819 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

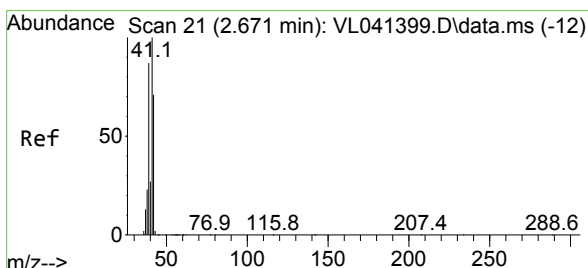
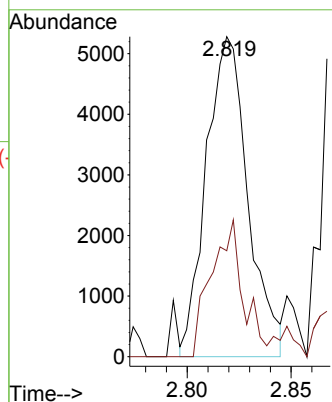
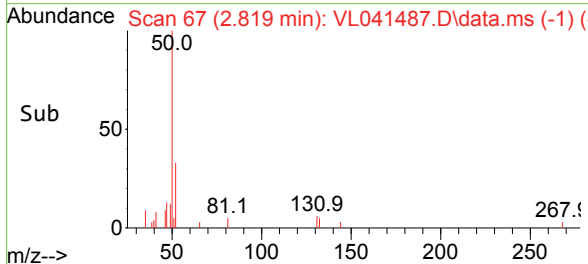
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOORDL



Tgt Ion: 50 Resp: 7370
Ion Ratio Lower Upper
50 100
52 34.1 26.1 39.1

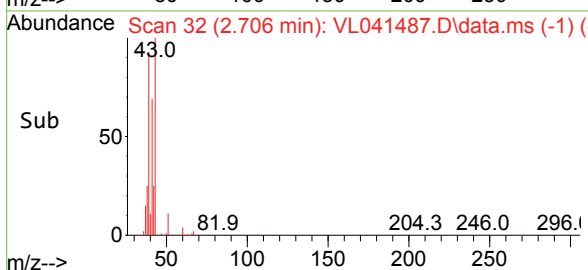
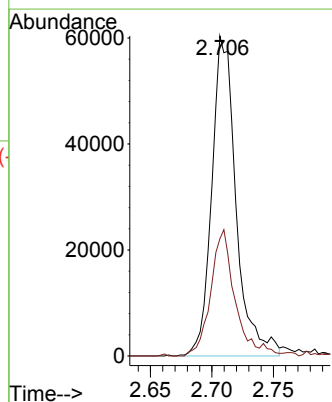
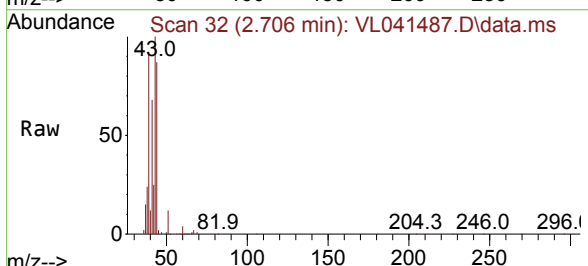
Manual Integrations
APPROVED

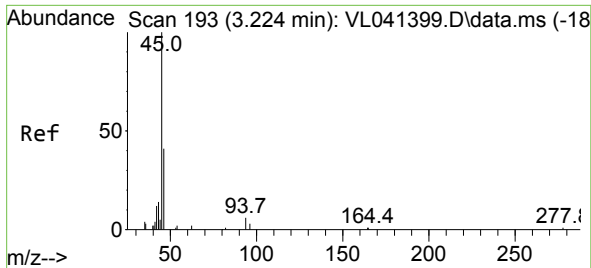
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#9
Propene
Concen: 1.659 ppbv m
RT: 2.706 min Scan# 32
Delta R.T. 0.013 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

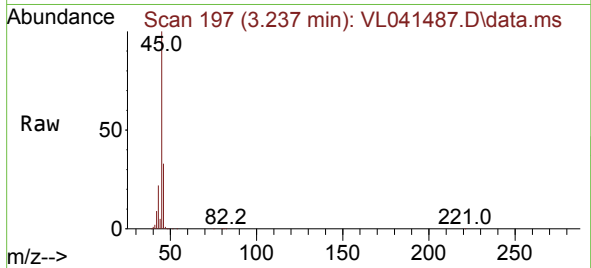
Tgt Ion: 41 Resp: 83042
Ion Ratio Lower Upper
41 100
42 325.6 55.9 83.9#





#13
Ethanol
Concen: 256.353 ppbv
RT: 3.237 min Scan# 193
Delta R.T. -0.010 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

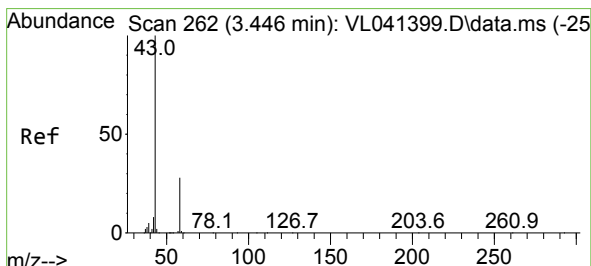
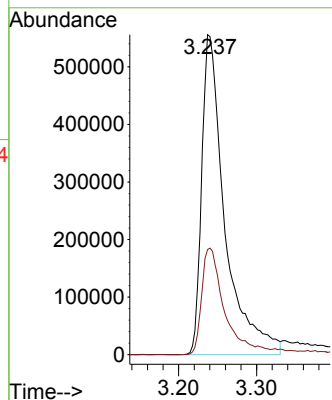
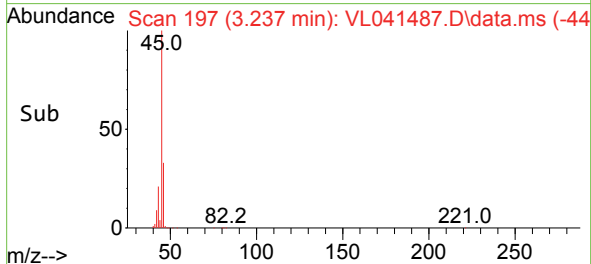
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOORDL



Tgt Ion: 45 Resp: 1146824
Ion Ratio Lower Upper
45 100
46 34.5 13.4 53.4

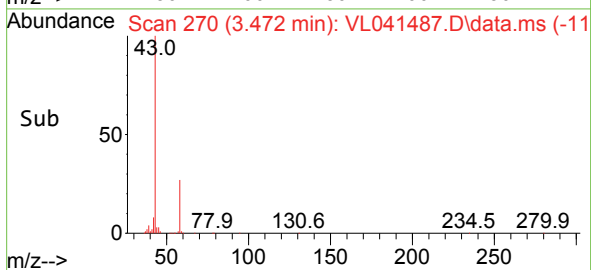
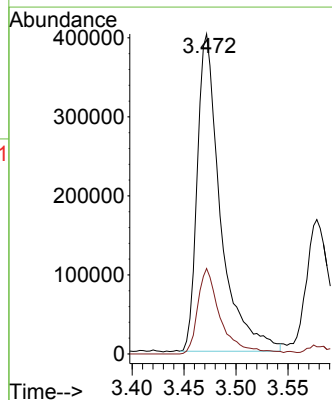
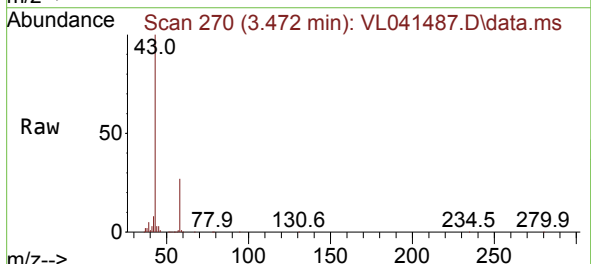
Manual Integrations
APPROVED

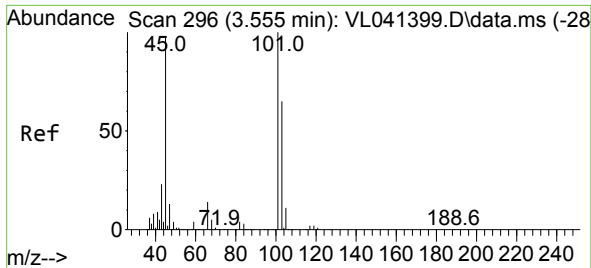
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#15
Acetone
Concen: 6.021 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.006 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

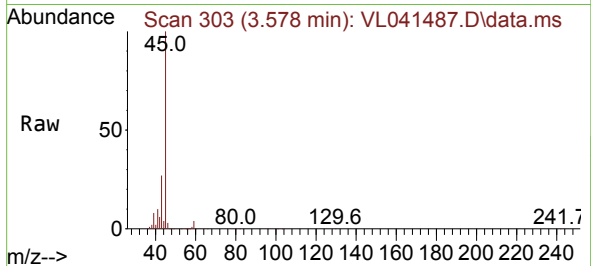
Tgt Ion: 43 Resp: 626128
Ion Ratio Lower Upper
43 100
58 26.4 21.4 32.2





#19
Isopropyl Alcohol
Concen: 18.071 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

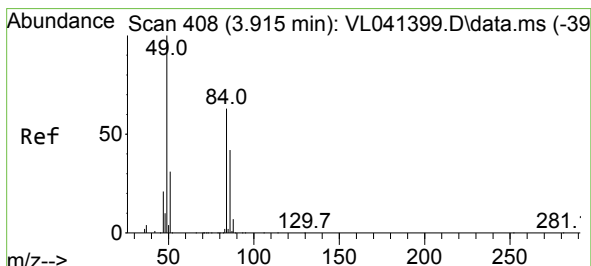
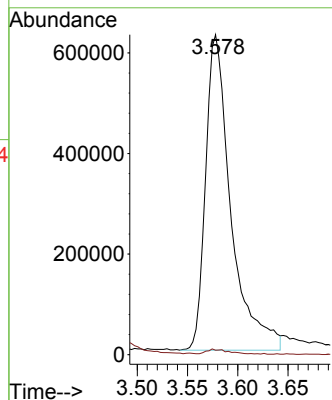
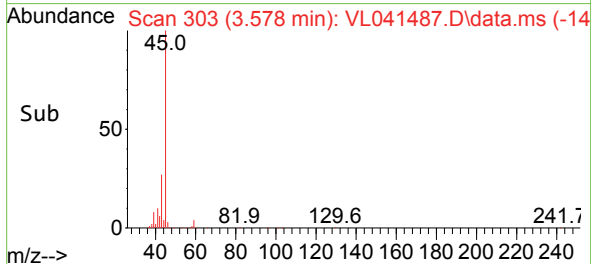
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOORDL



Tgt Ion: 45 Resp: 1098672
Ion Ratio Lower Upper
45 100
58 1.6 1.9 2.9

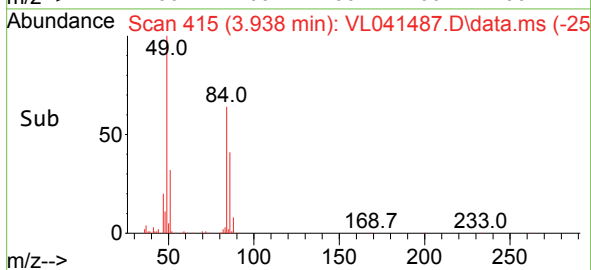
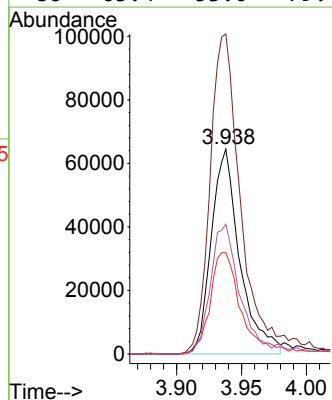
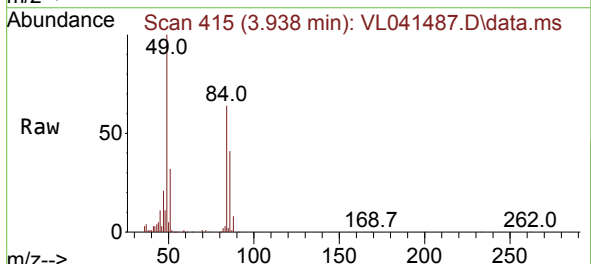
Manual Integrations
APPROVED

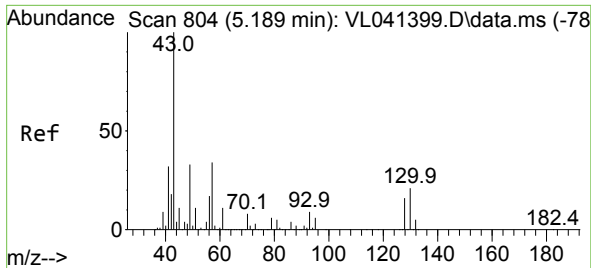
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#20
Methylene Chloride
Concen: 2.538 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.006 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

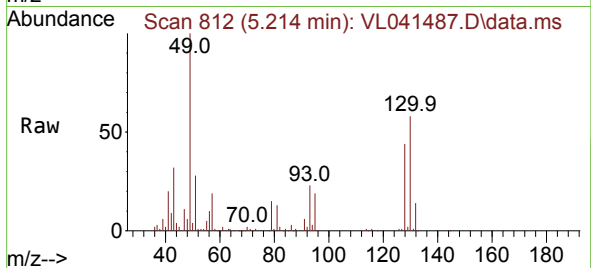
Tgt Ion: 84 Resp: 98424
Ion Ratio Lower Upper
84 100
49 156.2 126.6 190.0
51 49.1 38.6 58.0
86 63.4 53.0 79.4





#25
Ethyl Acetate
Concen: 0.354 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

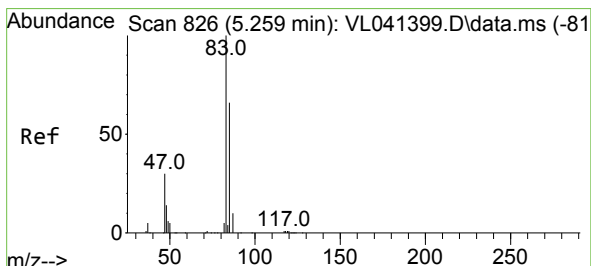
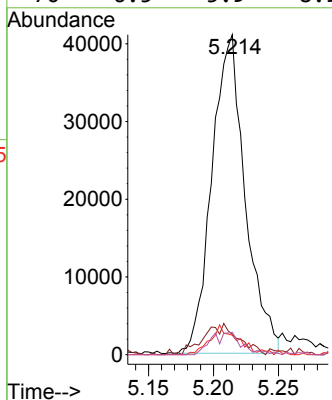
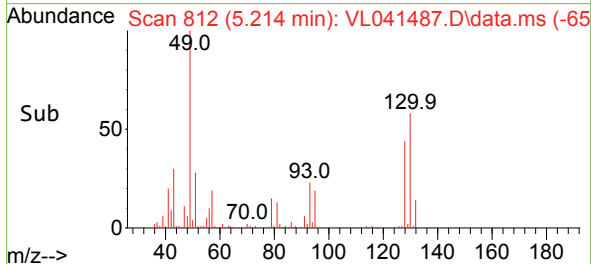
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOODL



Tgt Ion: 43 Resp: 73150
Ion Ratio Lower Upper
43 100
45 11.8 8.5 12.7
61 8.0 8.0 12.0
70 6.5 5.9 8.9

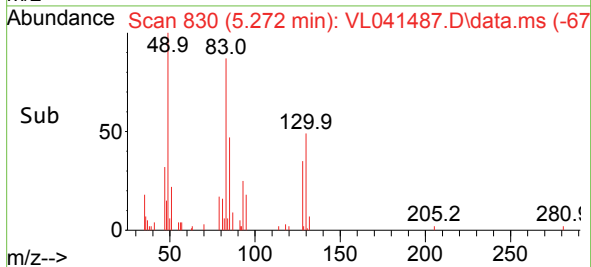
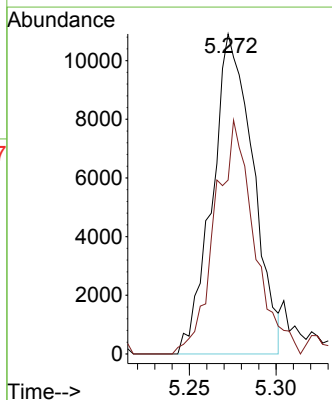
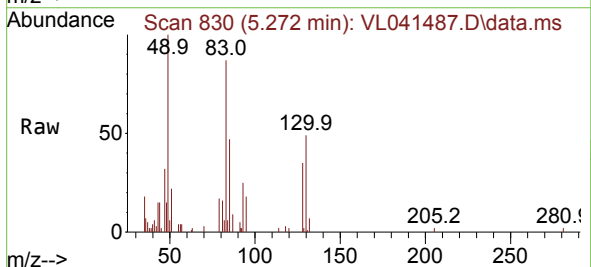
Manual Integrations
APPROVED

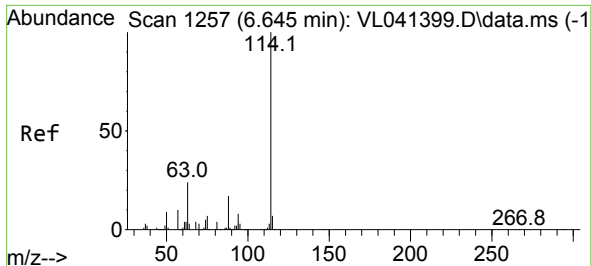
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#29
Chloroform
Concen: 0.128 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

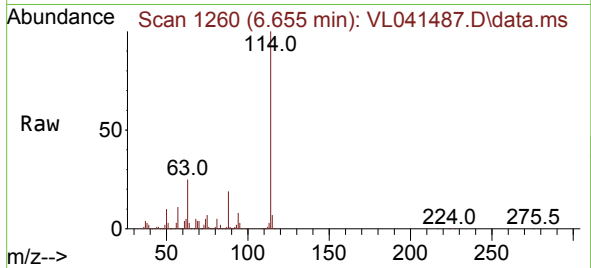
Tgt Ion: 83 Resp: 17862
Ion Ratio Lower Upper
83 100
85 52.3 53.1 79.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

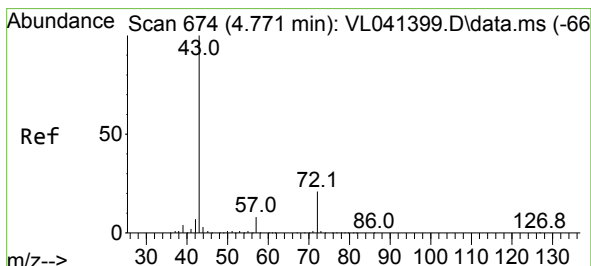
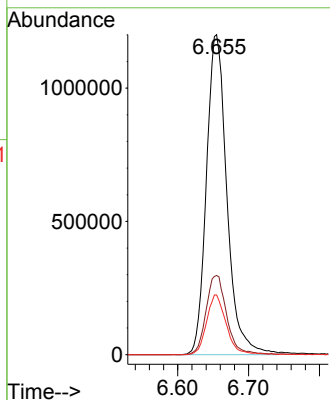
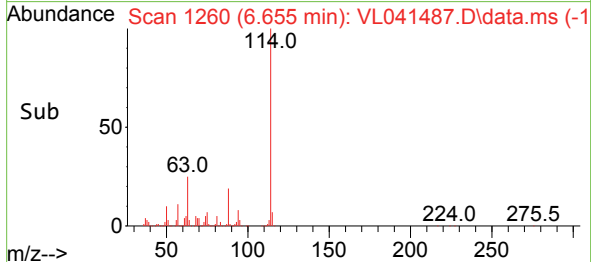
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOODL



Tgt Ion:114 Resp: 241045
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 18.1 14.3 21.5

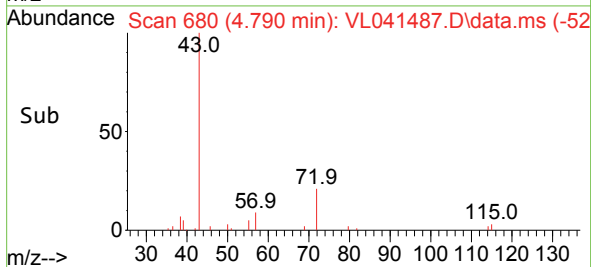
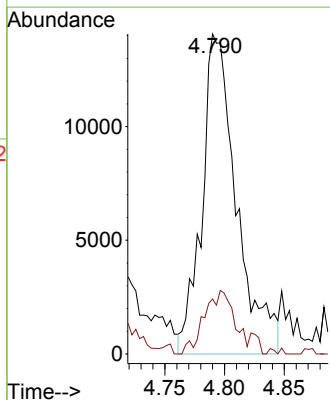
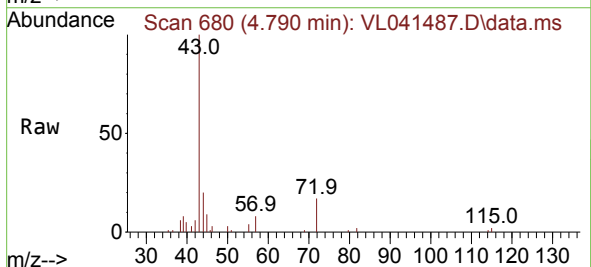
Manual Integrations
APPROVED

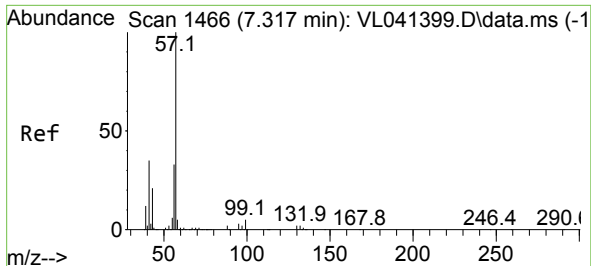
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#34
2-Butanone
Concen: 0.243 ppbv m
RT: 4.790 min Scan# 680
Delta R.T. 0.006 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

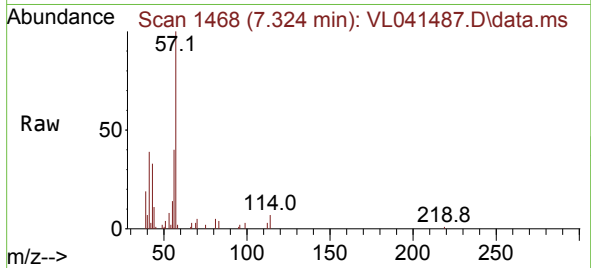
Tgt Ion: 43 Resp: 28328
Ion Ratio Lower Upper
43 100
72 19.3 17.3 25.9





#44
2,2,4-Trimethylpentane
Concen: 0.105 ppbv m
RT: 7.324 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

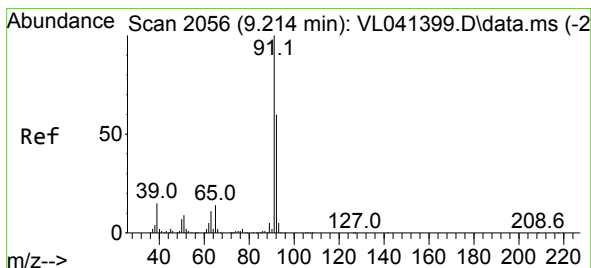
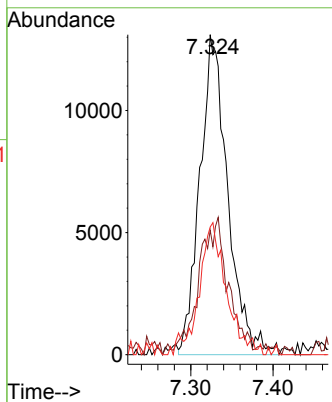
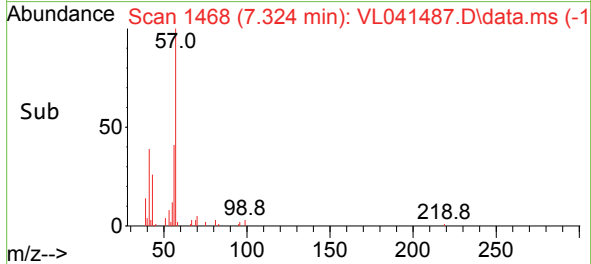
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOODL



Tgt Ion: 57 Resp: 30892
Ion Ratio Lower Upper
57 100
41 48.3 27.0 40.6
56 41.3 25.2 37.8

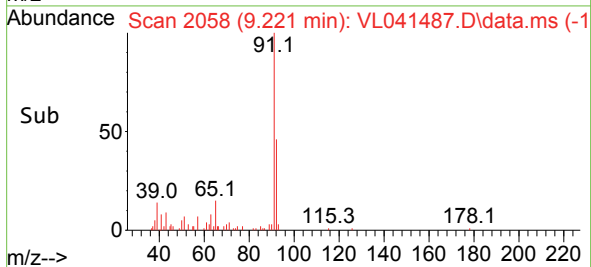
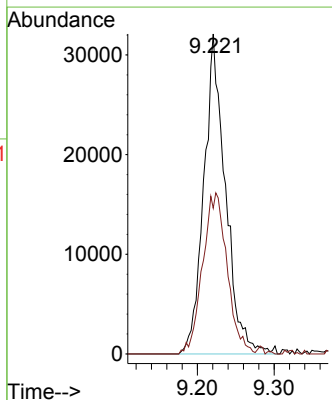
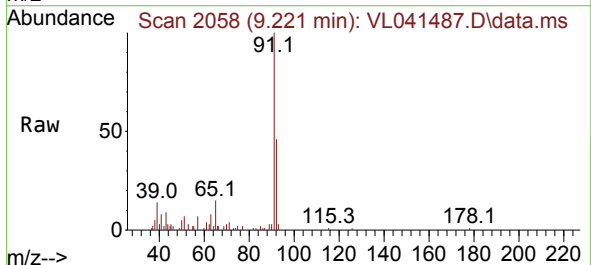
Manual Integrations
APPROVED

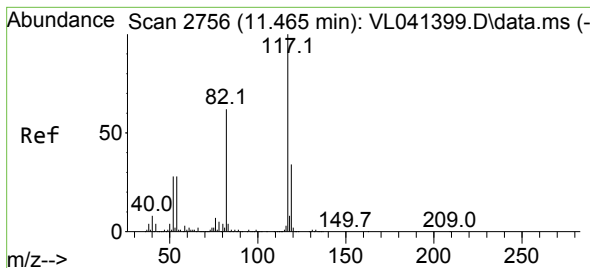
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#53
Toluene
Concen: 0.321 ppbv m
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

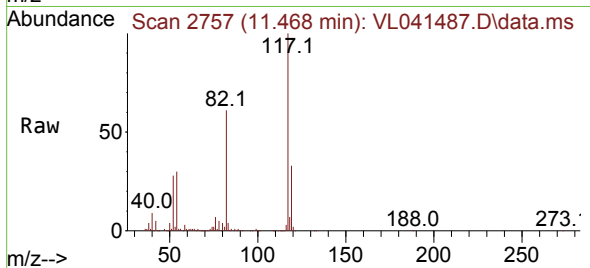
Tgt Ion: 91 Resp: 62959
Ion Ratio Lower Upper
91 100
92 58.3 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18

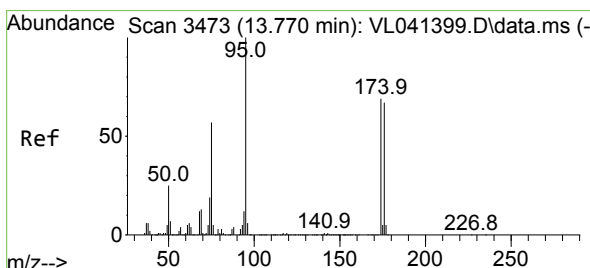
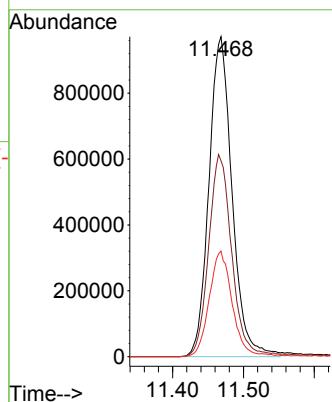
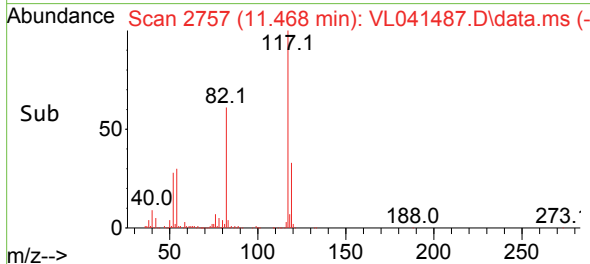
Instrument :
MSVOA_L
ClientSampleId :
2ND-FLOORDL



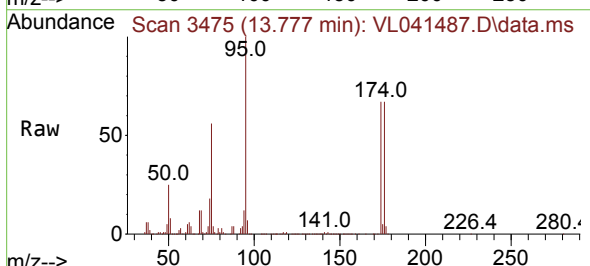
Tgt Ion:117 Resp: 220542
Ion Ratio Lower Upper
117 100
82 64.4 51.0 76.6
119 33.1 45.2 67.8

Manual Integrations
APPROVED

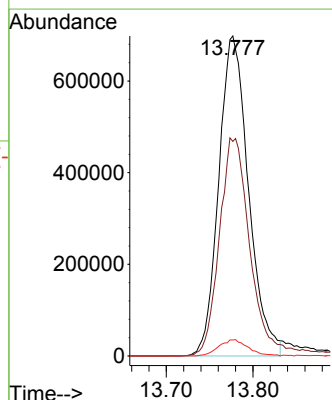
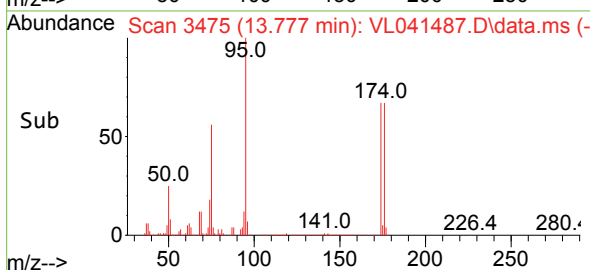
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

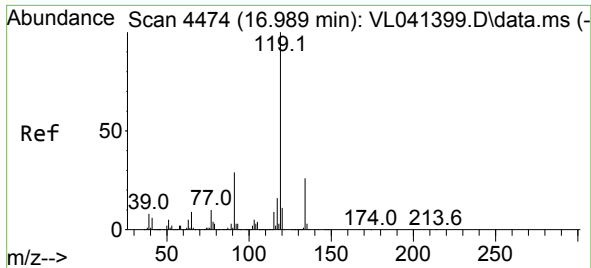


#68
1-Bromo-4-Fluorobenzene
Concen: 9.818 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041487.D
Acq: 1 Aug 2024 21:18



Tgt Ion: 95 Resp: 1666248
Ion Ratio Lower Upper
95 100
174 73.1 56.3 84.5
175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.173 ppbv m

RT: 16.995 min Scan# 44

Delta R.T. 0.003 min

Lab File: VL041487.D

Acq: 1 Aug 2024 21:18

Instrument :

MSVOA_L

ClientSampleId :

2ND-FLOORDL

Tgt Ion:119 Resp: 5643

Ion Ratio Lower Upper

119 100

134 27.4 20.5 30.7

91 30.8 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024

