

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039488.D
 Acq On : 19 Jul 2022 19:00
 Operator : SY/AP
 Sample : N3750-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:41:13 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1205024	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3519423	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.105	117	3128408	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2364459	10.188	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	67242	0.974	ppbv	86
13) Ethanol	3.619	45	6161m	1.538	ppbv	
15) Acetone	3.867	43	272003	1.908	ppbv	94
17) tert-Butyl alcohol	4.317	59	53586m	0.443	ppbv	
20) Methylene Chloride	4.353	84	127741	2.248	ppbv	97
26) Hexane	5.703	57	338124m	2.870	ppbv	
29) Chloroform	5.764	83	4744646	23.156	ppbv	99

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

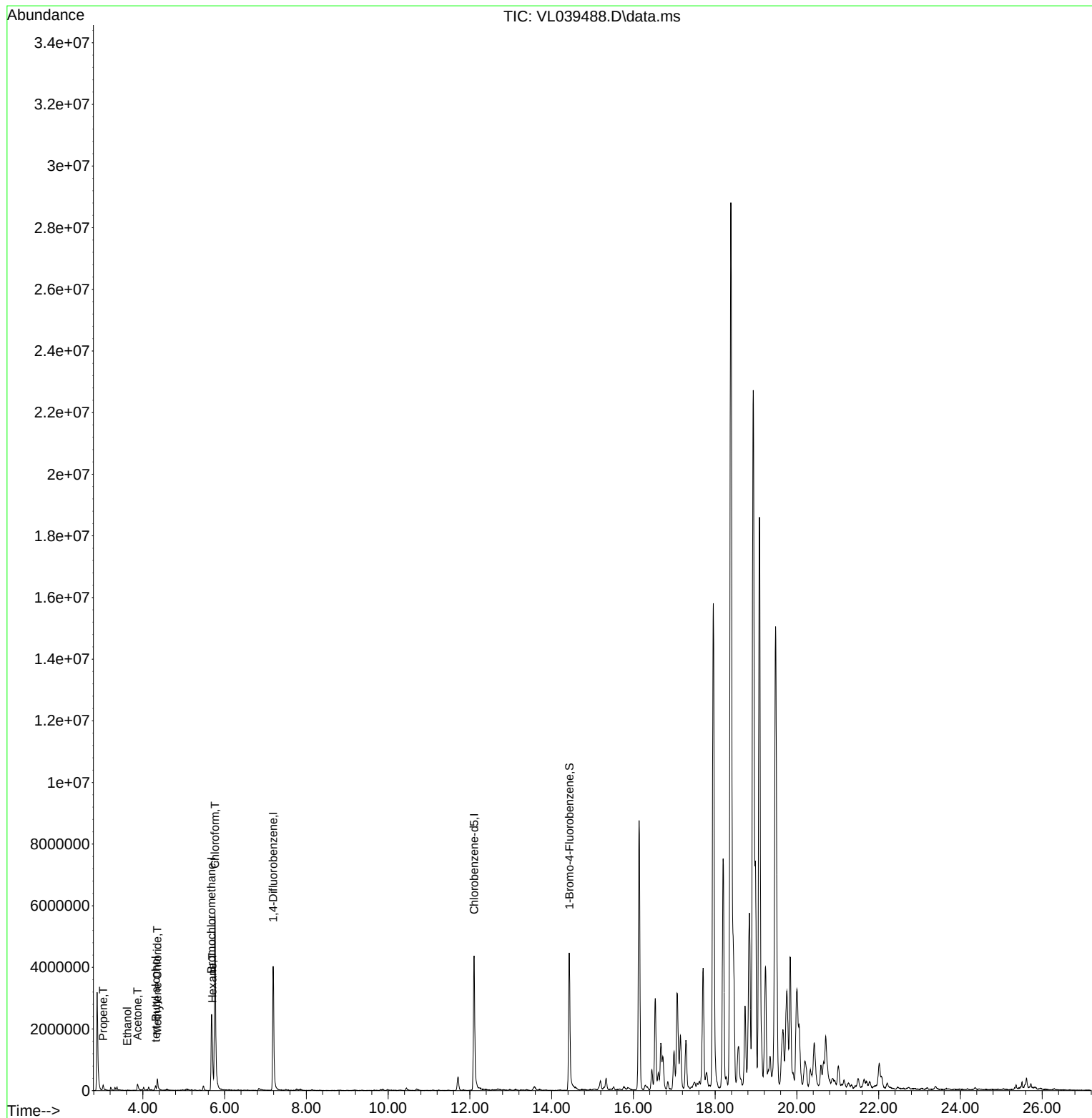
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039488.D
Acq On : 19 Jul 2022 19:00
Operator : SY/AP
Sample : N3750-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

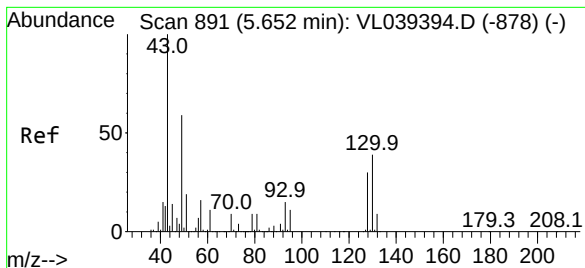
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Quant Time: Jul 20 05:41:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

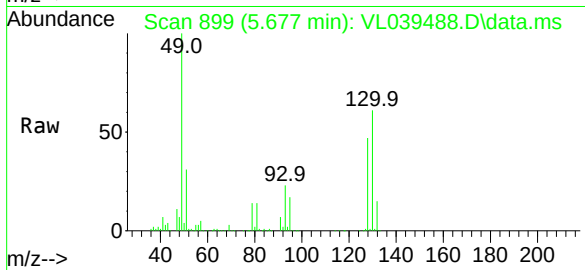
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

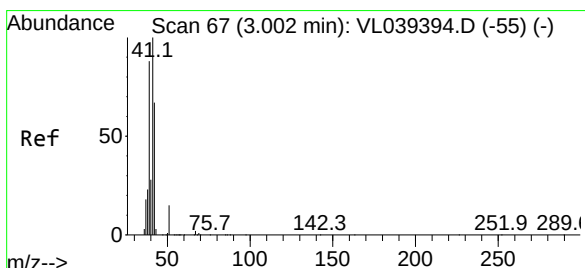
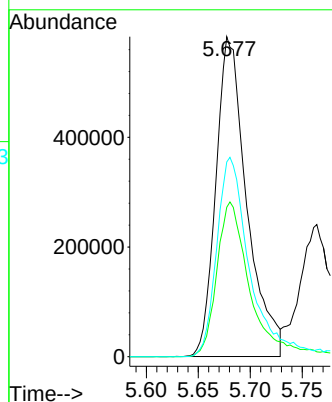
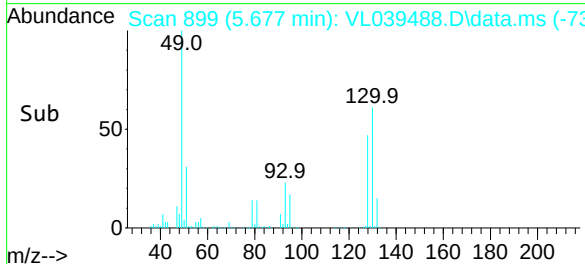
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



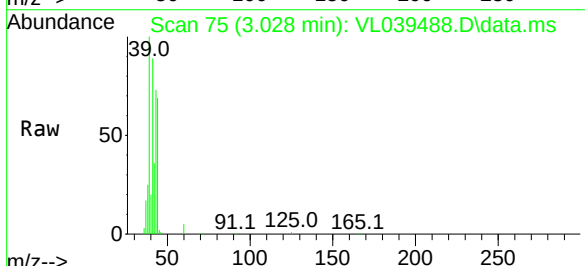
Tgt Ion: 49 Resp: 1205024
Ion Ratio Lower Upper
49 100
128 53.5 26.7 80.0
130 69.2 34.3 102.8

Manual Integrations
APPROVED

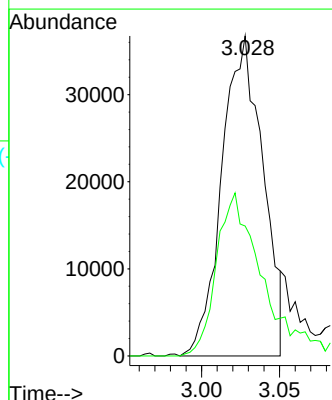
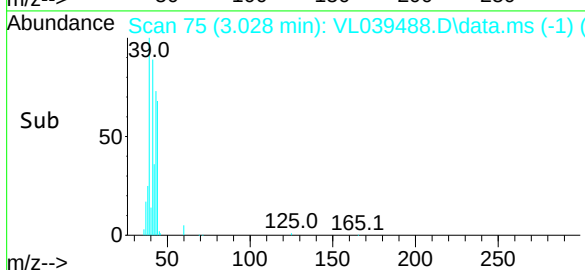
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

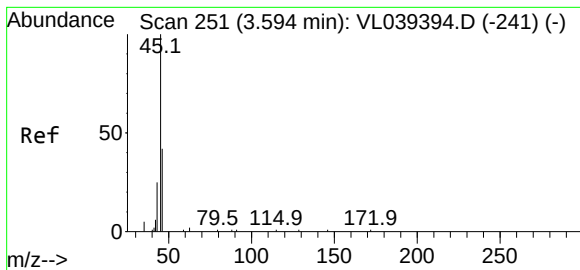


#9
Propene
Concen: 0.974 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00



Tgt Ion: 41 Resp: 67242
Ion Ratio Lower Upper
41 100
42 57.5 55.2 82.8





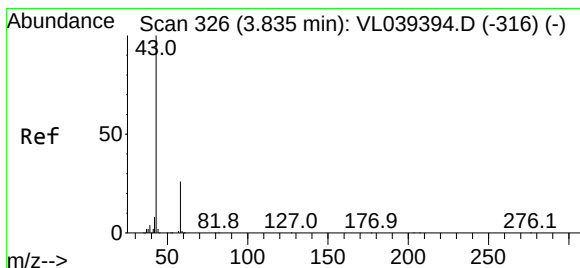
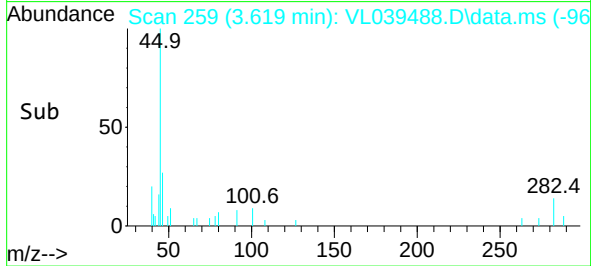
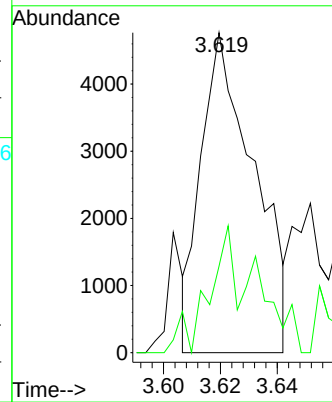
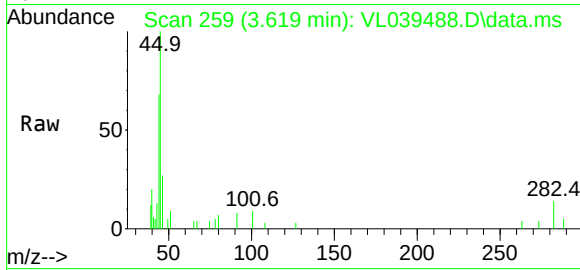
#13
Ethanol
Concen: 1.538 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 45 Resp: 616
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

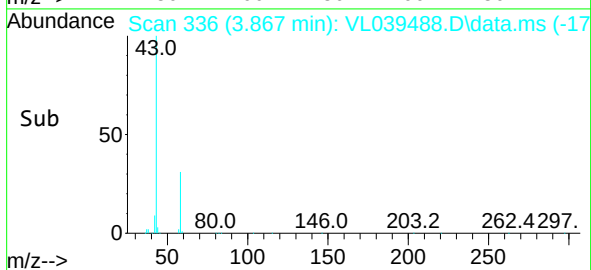
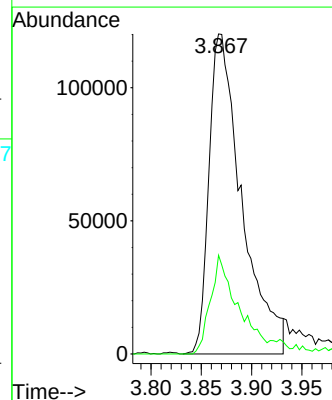
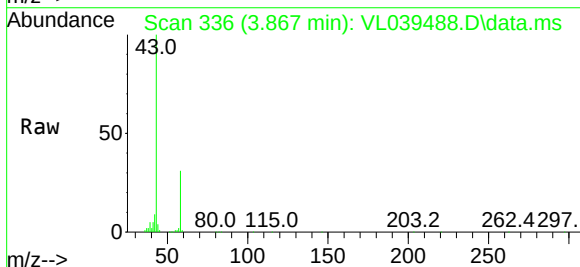
Manual Integrations
APPROVED

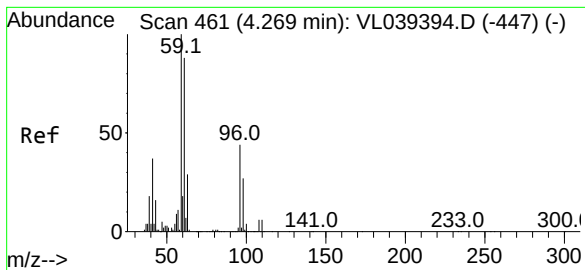
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#15
Acetone
Concen: 1.908 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

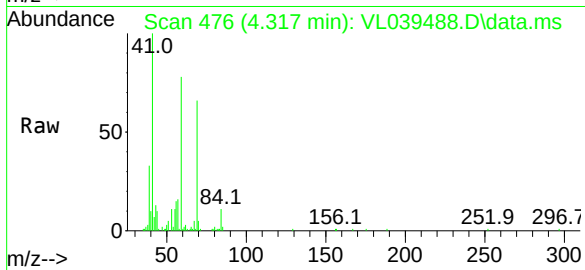
Tgt Ion: 43 Resp: 272003
Ion Ratio Lower Upper
43 100
58 29.2 21.0 31.6





#17
tert-Butyl alcohol
Concen: 0.443 ppbv
RT: 4.317 min Scan# 41
Delta R.T. 0.048 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

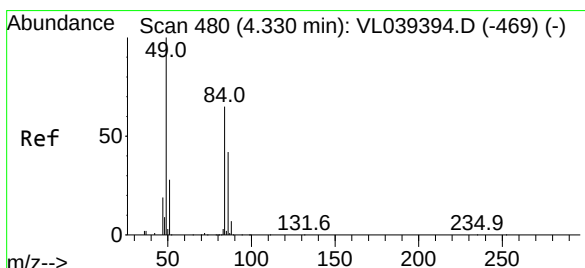
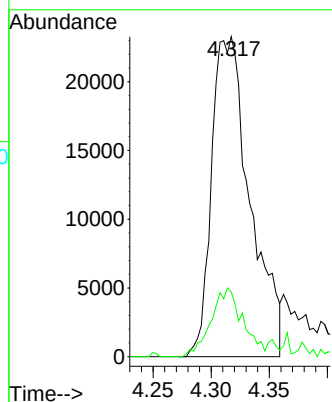
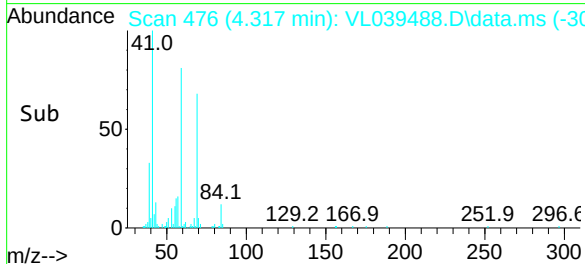
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 59 Resp: 53580
Ion Ratio Lower Upper
59 100
57 17.8 8.7 13.1

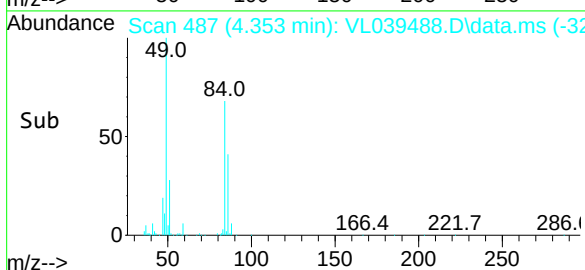
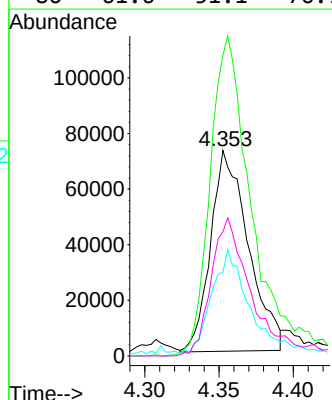
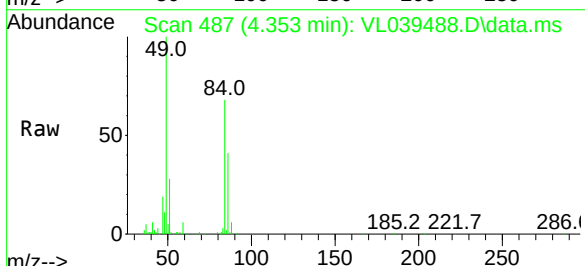
Manual Integrations
APPROVED

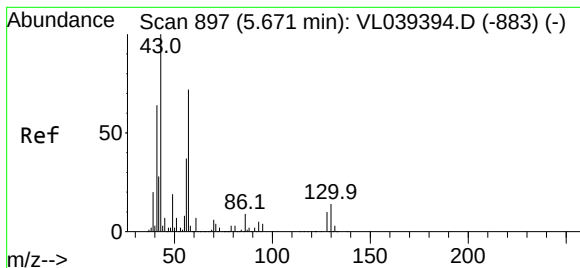
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 2.248 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

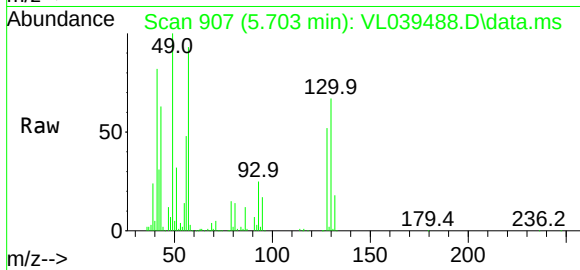
Tgt Ion: 84 Resp: 127741
Ion Ratio Lower Upper
84 100
49 149.1 123.1 184.7
51 40.8 34.4 51.6
86 61.6 51.1 76.7





#26
Hexane
Concen: 2.870 ppbv m
RT: 5.703 min Scan# 907
Delta R.T. 0.032 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

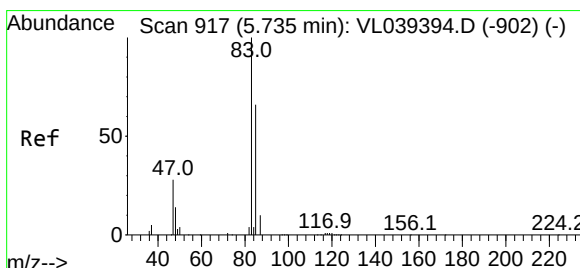
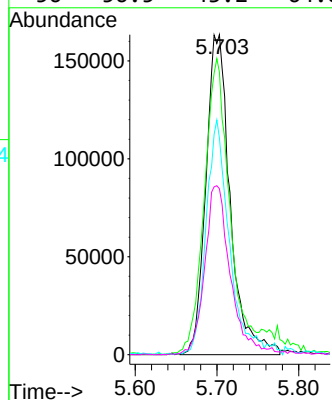
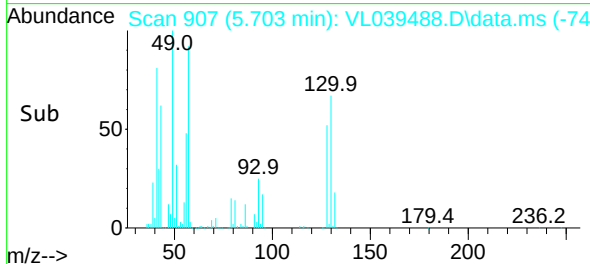
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



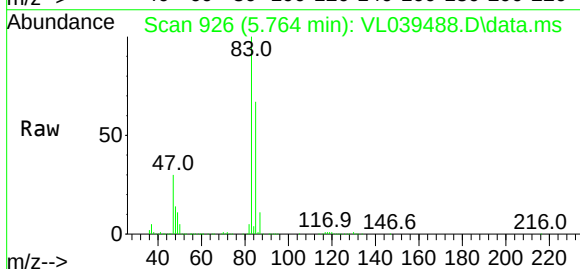
Tgt Ion: 57 Resp: 338124
Ion Ratio Lower Upper
57 100
41 106.1 76.9 115.3
43 72.5 191.0 286.6
56 56.5 43.2 64.8

Manual Integrations
APPROVED

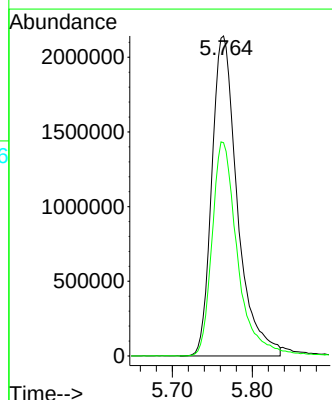
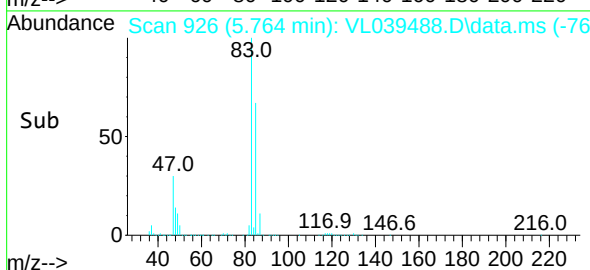
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

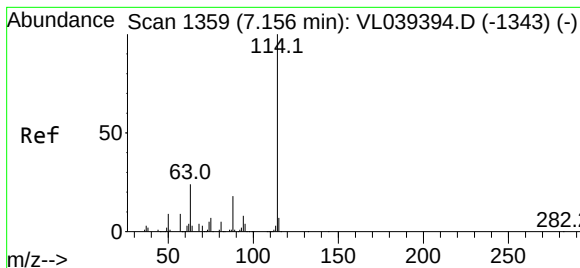


#29
Chloroform
Concen: 23.156 ppbv
RT: 5.764 min Scan# 926
Delta R.T. 0.029 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00



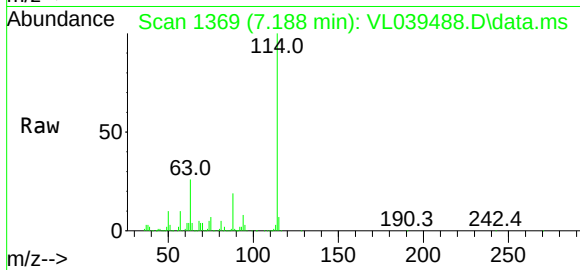
Tgt Ion: 83 Resp: 4744646
Ion Ratio Lower Upper
83 100
85 66.6 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00

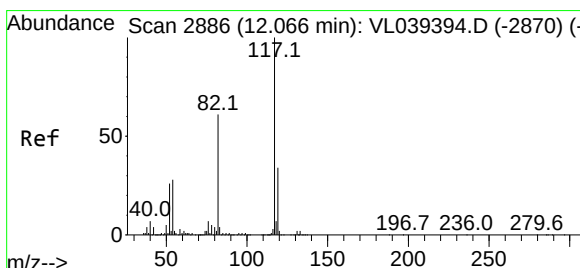
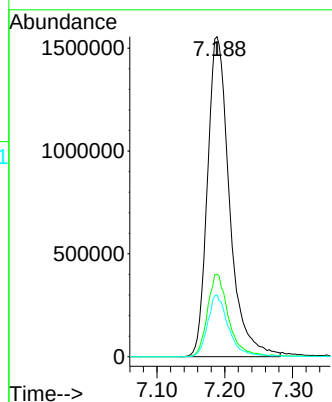
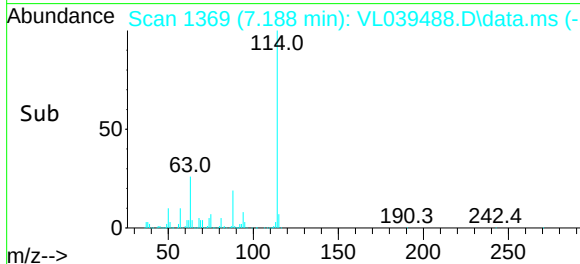
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



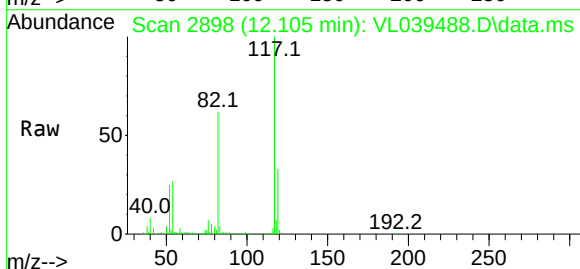
Tgt Ion:114 Resp: 351942
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.5 14.5 21.7

Manual Integrations
APPROVED

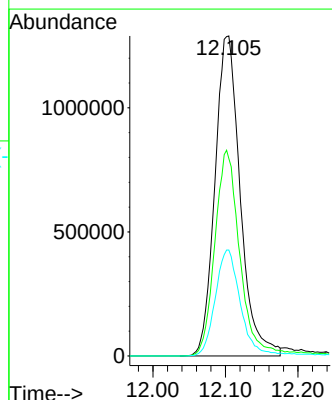
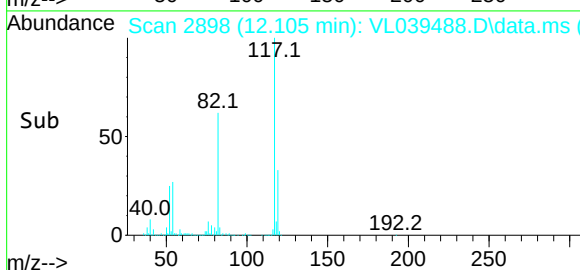
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

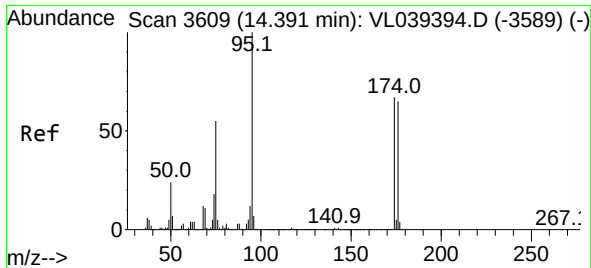


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.105 min Scan# 2898
Delta R.T. 0.038 min
Lab File: VL039488.D
Acq: 19 Jul 2022 19:00



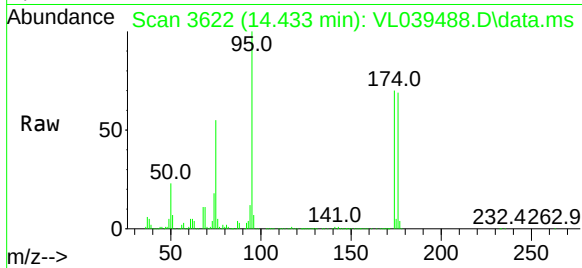
Tgt Ion:117 Resp: 3128408
Ion Ratio Lower Upper
117 100
82 65.2 50.8 76.2
119 33.6 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.188 ppbv
 RT: 14.433 min Scan# 30
 Delta R.T. 0.042 min
 Lab File: VL039488.D
 Acq: 19 Jul 2022 19:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL



Tgt Ion: 95 Resp: 236445

Ion	Ratio	Lower	Upper
95	100		
174	74.2	55.9	83.9
175	5.6	4.2	6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

