

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039432.D
 Acq On : 5 Jul 2022 23:41
 Operator : SY/AP
 Sample : N3573-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:39:18 2022

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

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

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	1212135	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3272770	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2829223	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 2131019 10.153 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
9) Propene	3.037	41	34401m	0.495	ppbv	
13) Ethanol	3.607	45	344309m	85.452	ppbv	
15) Acetone	3.851	43	19377733	135.127	ppbv #	75
19) Isopropyl Alcohol	3.967	45	2895436	37.853	ppbv #	88
20) Methylene Chloride	4.356	84	84396	1.477	ppbv	93
25) Ethyl Acetate	5.684	43	794118	2.701	ppbv #	93
29) Chloroform	5.764	83	84642m	0.411	ppbv	
34) 2-Butanone	5.256	43	34118	0.207	ppbv	92
43) Methyl Methacrylate	8.021	69	956367	9.930	ppbv	94
52) Tetrachloroethene	11.230	164	6322m	0.062	ppbv	
53) Toluene	9.812	91	69898m	0.239	ppbv	

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

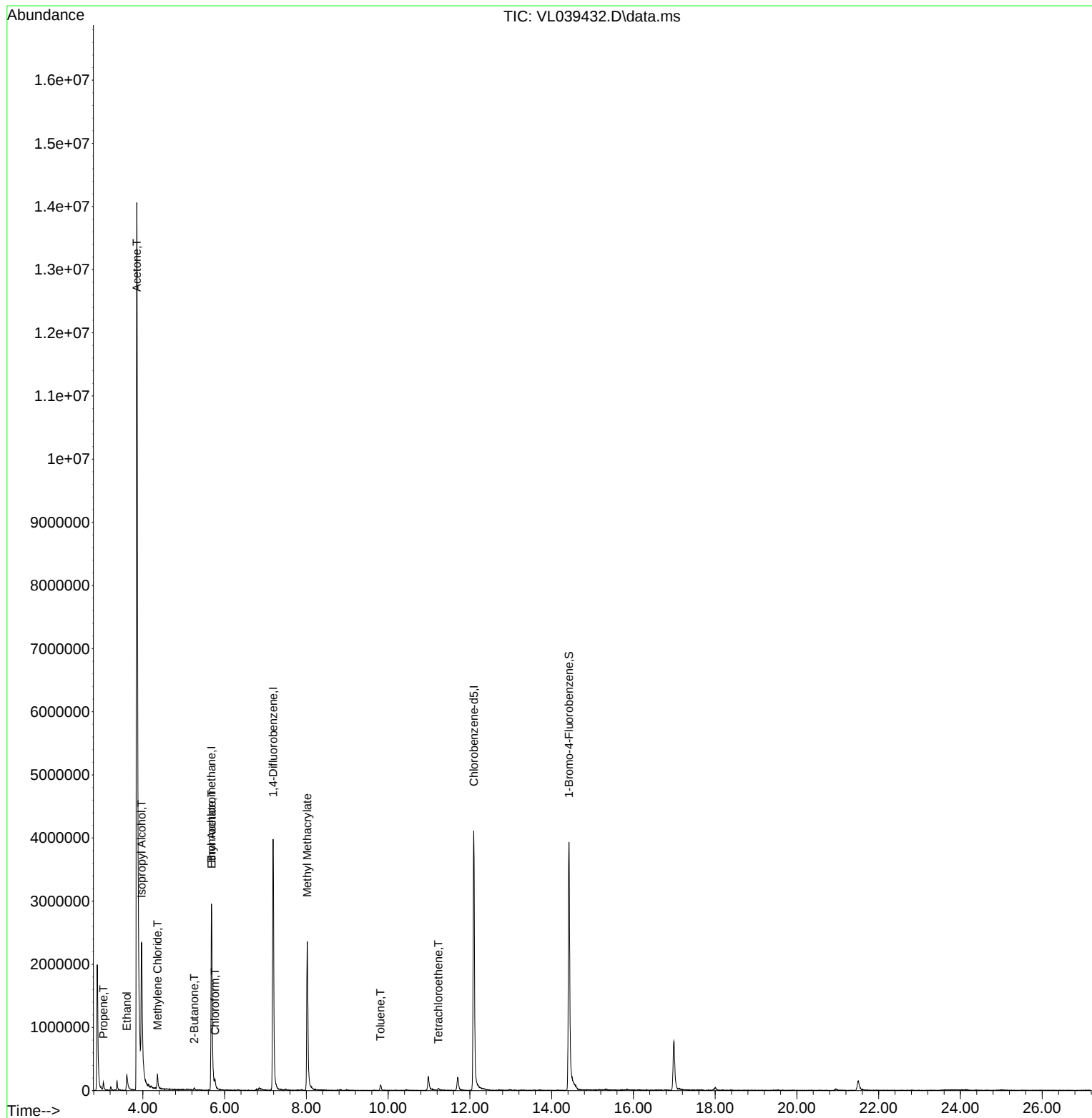
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
Data File : VL039432.D
Acq On : 5 Jul 2022 23:41
Operator : SY/AP
Sample : N3573-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

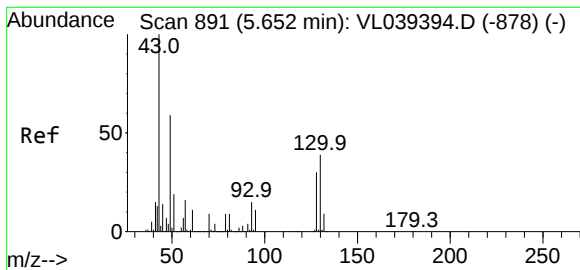
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Manual Integrations
APPROVED

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

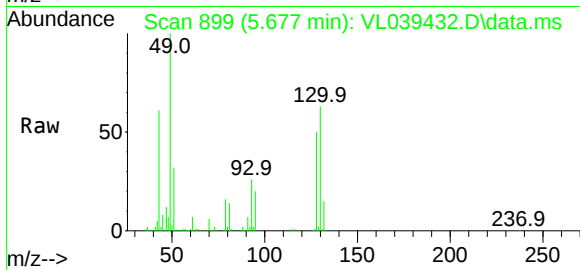
Quant Time: Jul 06 02:39:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

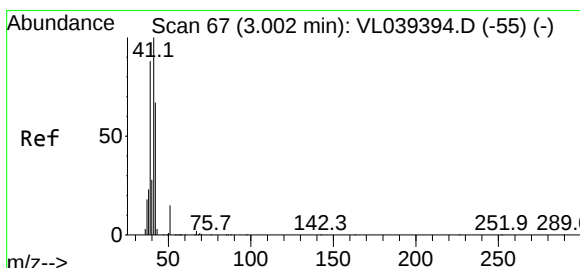
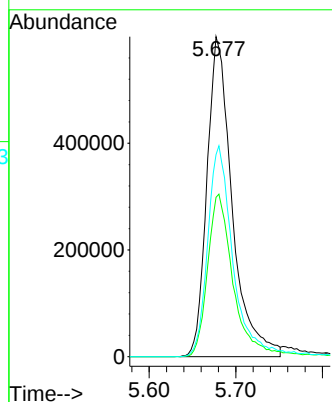
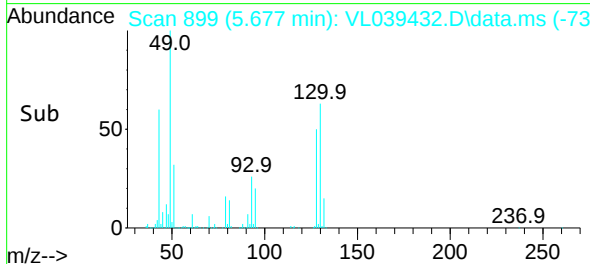
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



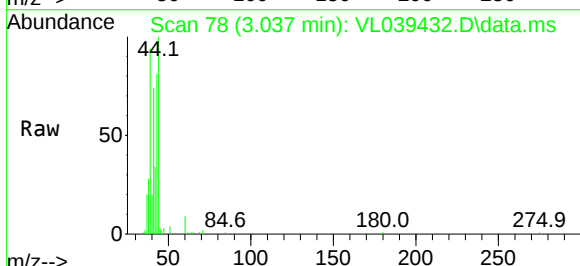
Tgt Ion: 49 Resp: 121213
Ion Ratio Lower Upper
49 100
128 52.9 26.7 80.0
130 67.7 34.3 102.8

Manual Integrations
APPROVED

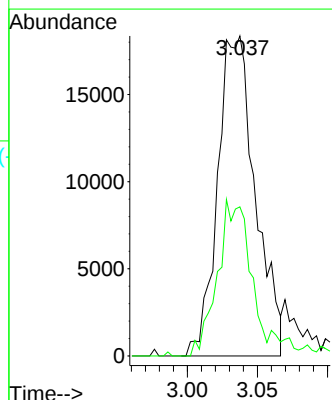
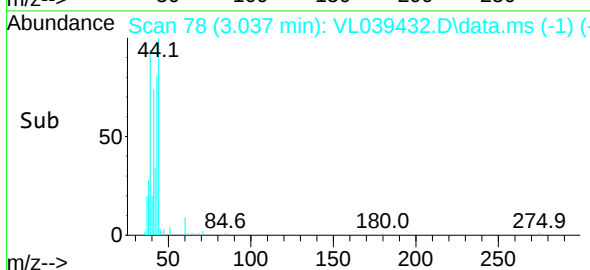
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

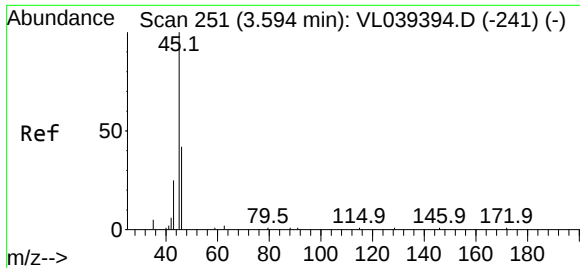


#9
Propene
Concen: 0.495 ppbv m
RT: 3.037 min Scan# 78
Delta R.T. 0.035 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41



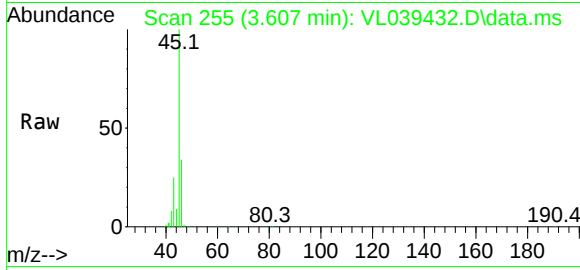
Tgt Ion: 41 Resp: 34401
Ion Ratio Lower Upper
41 100
42 4.4 55.2 82.8





#13
Ethanol
Concen: 85.452 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

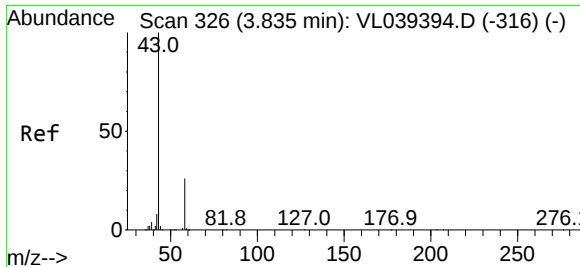
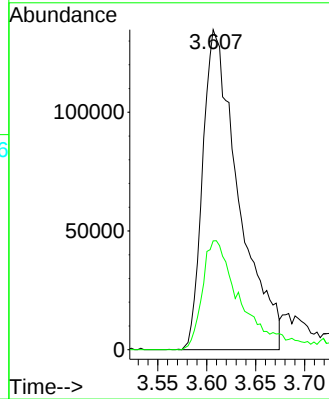
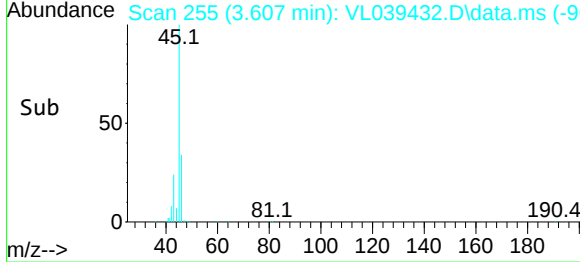
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 45 Resp: 344309
Ion Ratio Lower Upper
45 100
46 36.9 22.8 91.2

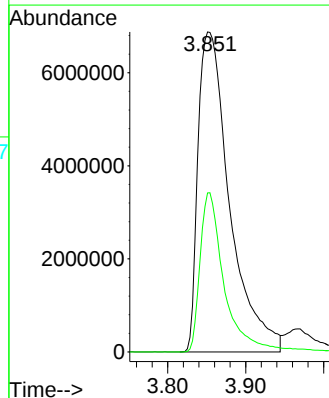
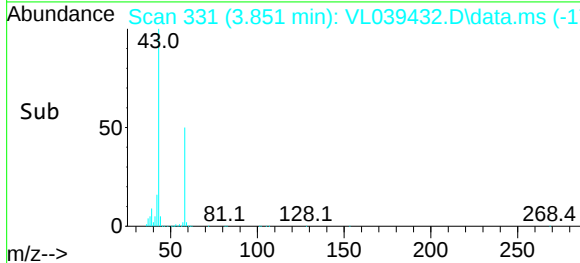
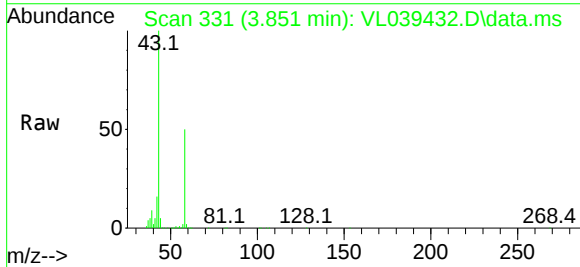
Manual Integrations
APPROVED

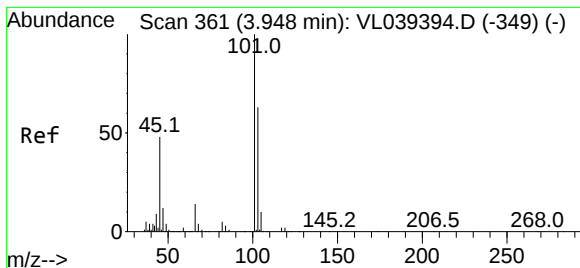
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#15
Acetone
Concen: 135.127 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.016 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

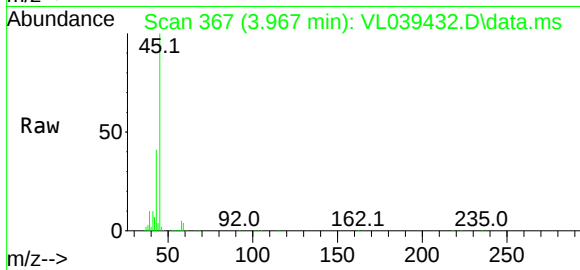
Tgt Ion: 43 Resp:19377733
Ion Ratio Lower Upper
43 100
58 38.9 21.0 31.6#





#19
Isopropyl Alcohol
Concen: 37.853 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

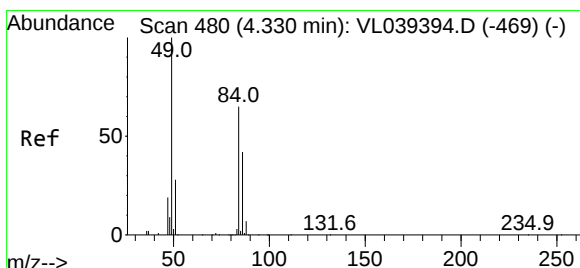
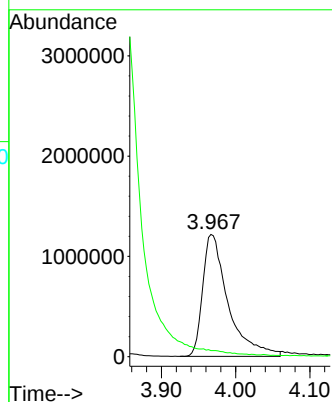
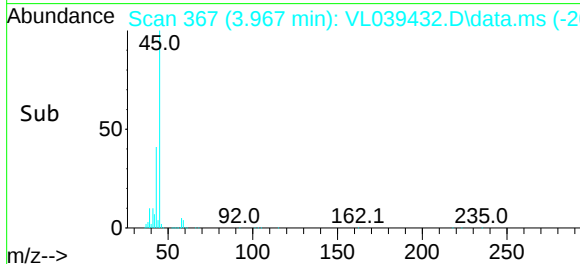
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



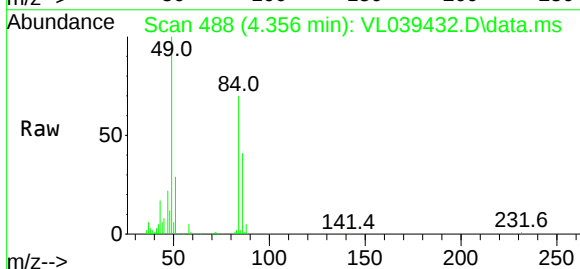
Tgt Ion: 45 Resp: 2895430
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

Manual Integrations
APPROVED

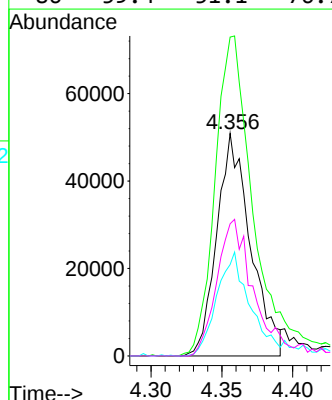
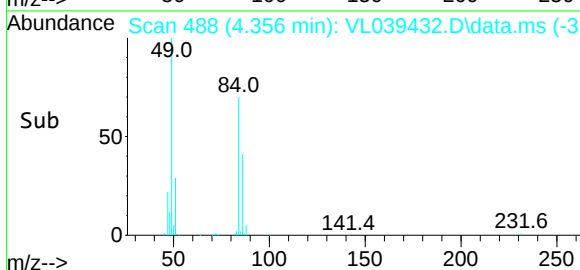
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

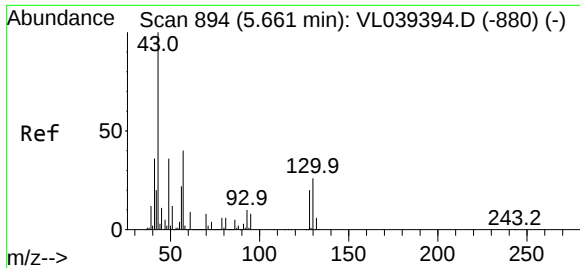


#20
Methylene Chloride
Concen: 1.477 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41



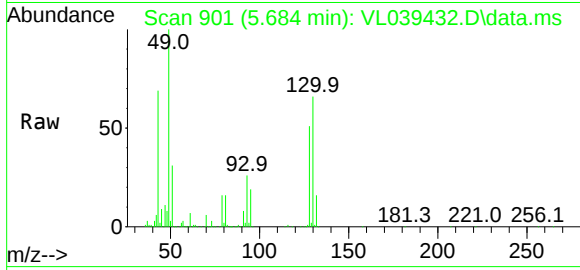
Tgt Ion: 84 Resp: 84396
Ion Ratio Lower Upper
84 100
49 143.0 123.1 184.7
51 41.7 34.4 51.6
86 59.4 51.1 76.7





#25
Ethyl Acetate
Concen: 2.701 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.022 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

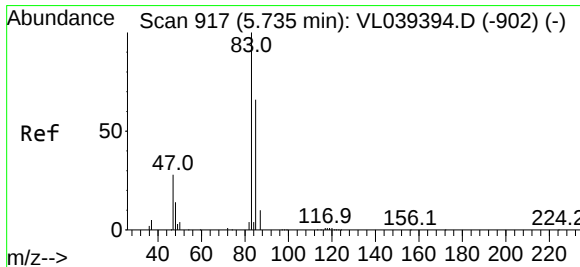
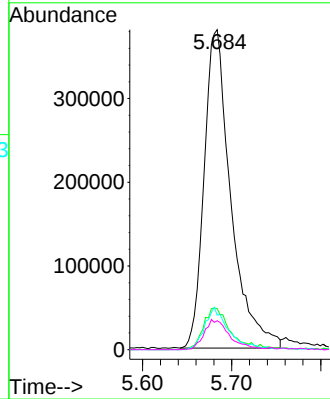
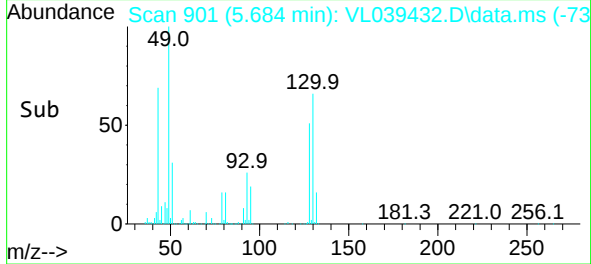
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 794118
Ion Ratio Lower Upper
43 100
45 13.6 8.2 12.4
61 12.4 8.3 12.5
70 9.5 5.9 8.9#

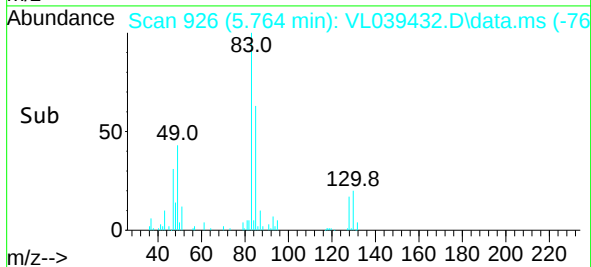
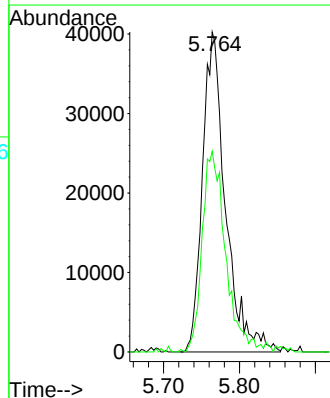
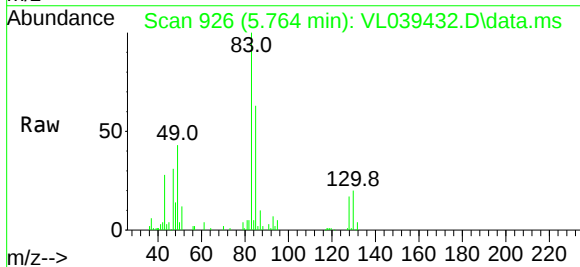
Manual Integrations
APPROVED

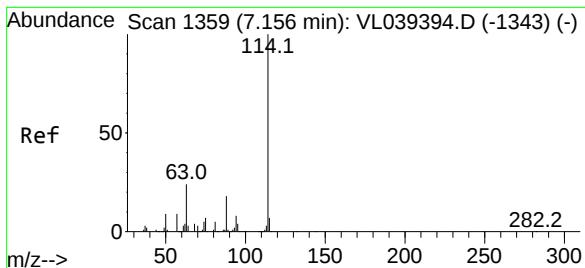
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#29
Chloroform
Concen: 0.411 ppbv m
RT: 5.764 min Scan# 926
Delta R.T. 0.029 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

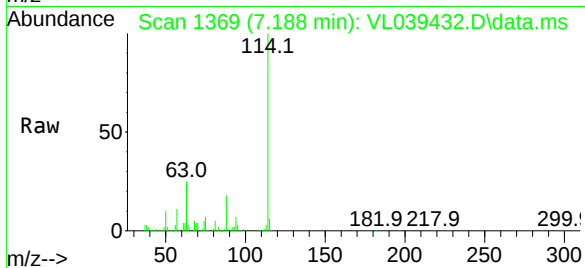
Tgt Ion: 83 Resp: 84642
Ion Ratio Lower Upper
83 100
85 62.7 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

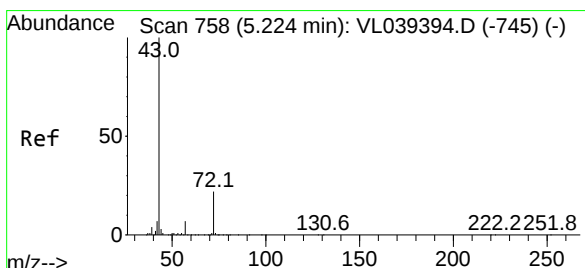
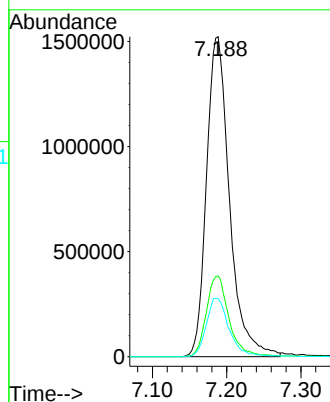
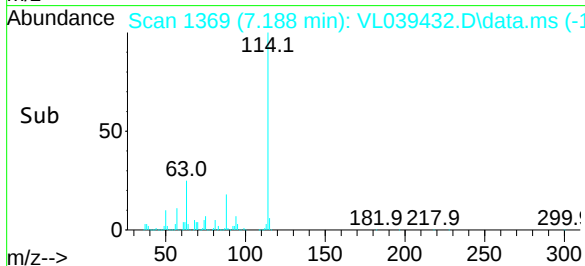
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:114 Resp: 3272770
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.4 14.5 21.7

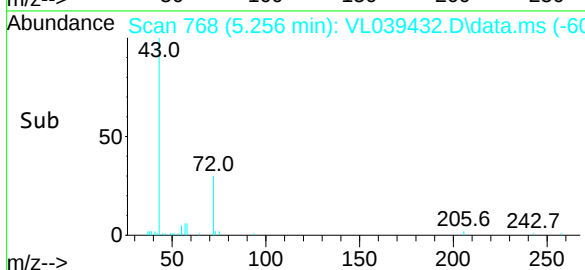
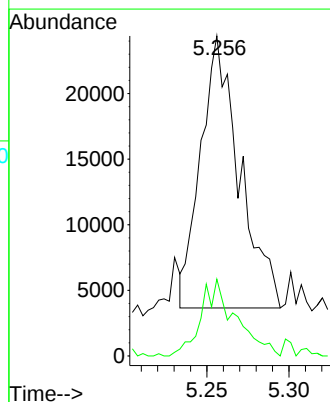
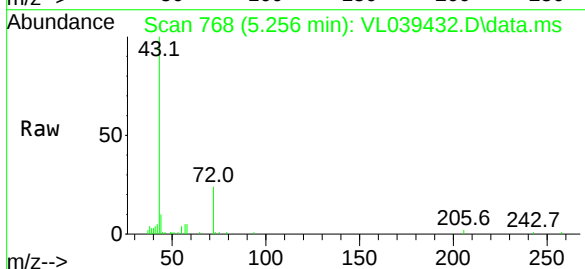
Manual Integrations
APPROVED

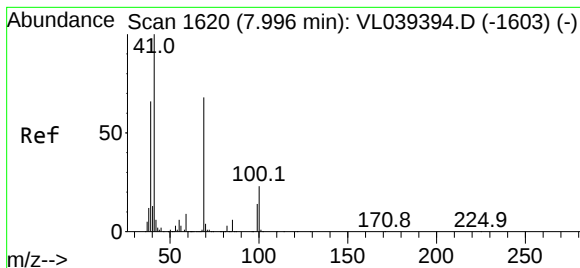
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#34
2-Butanone
Concen: 0.207 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.032 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

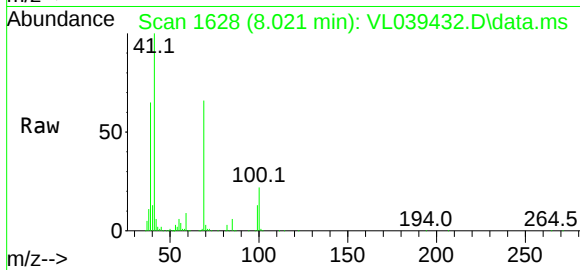
Tgt Ion: 43 Resp: 34118
Ion Ratio Lower Upper
43 100
72 26.5 17.9 26.9





#43
Methyl Methacrylate
Concen: 9.930 ppbv
RT: 8.021 min Scan# 1
Delta R.T. 0.026 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

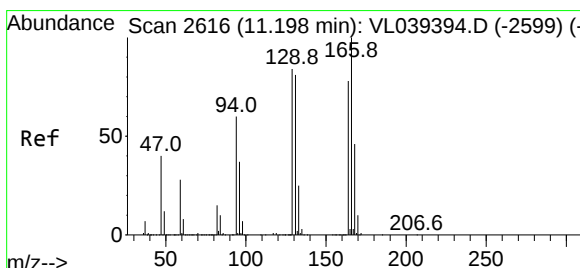
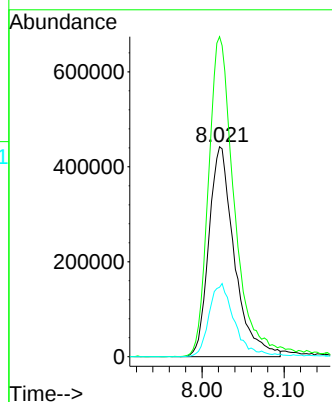
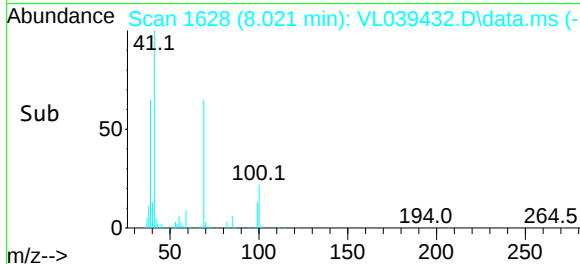
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



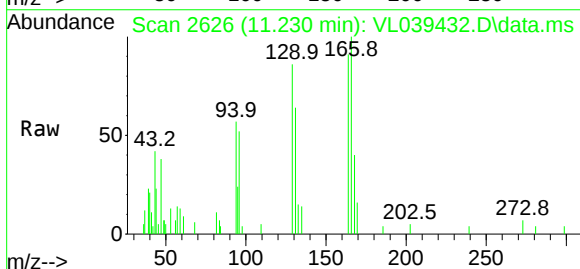
Tgt Ion: 69 Resp: 95636
Ion Ratio Lower Upper
69 100
41 160.5 120.8 181.2
100 35.7 27.8 41.6

Manual Integrations
APPROVED

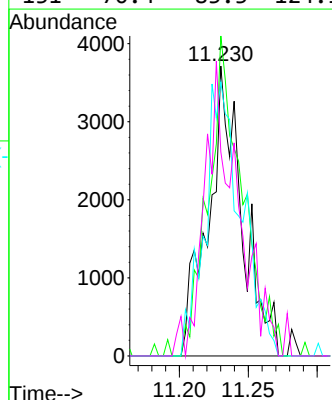
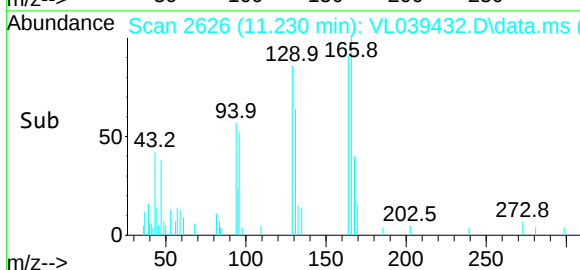
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

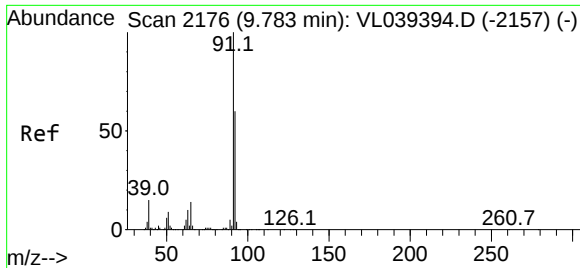


#52
Tetrachloroethene
Concen: 0.062 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.032 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41



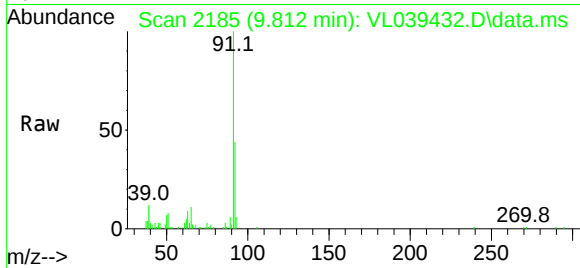
Tgt Ion:164 Resp: 6322
Ion Ratio Lower Upper
164 100
166 110.4 102.2 153.2
129 94.5 85.8 128.8
131 70.4 83.3 124.9#





#53
Toluene
Concen: 0.239 ppbv m
RT: 9.812 min Scan# 2176
Delta R.T. 0.029 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41

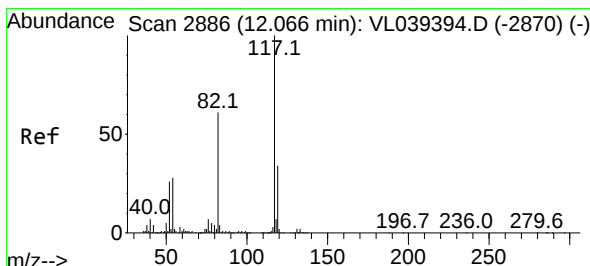
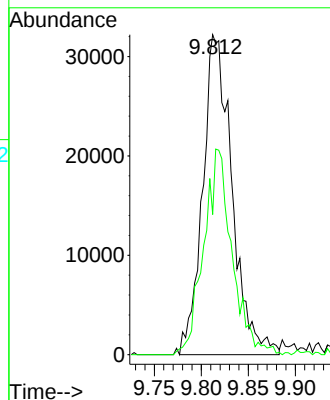
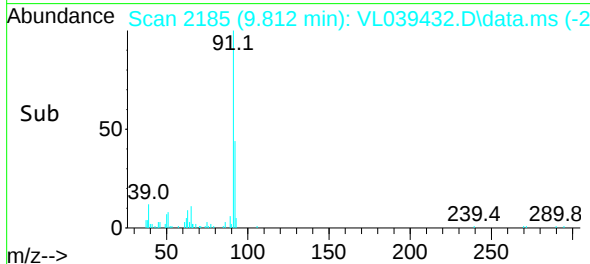
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



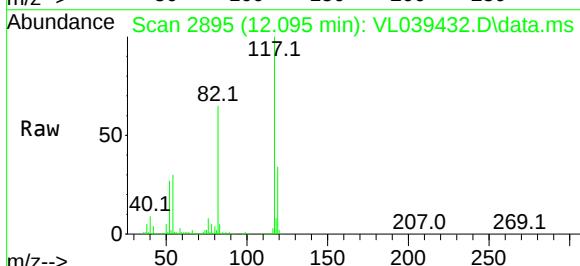
Tgt Ion: 91 Resp: 69898
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

Manual Integrations
APPROVED

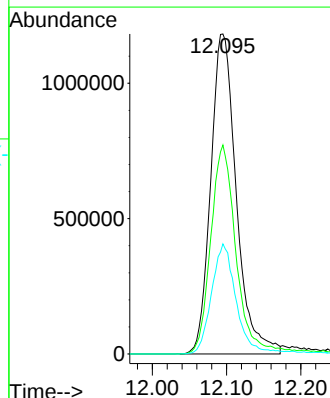
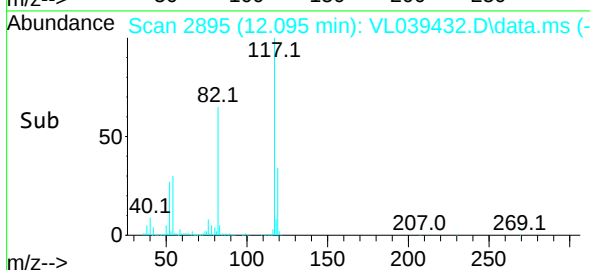
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

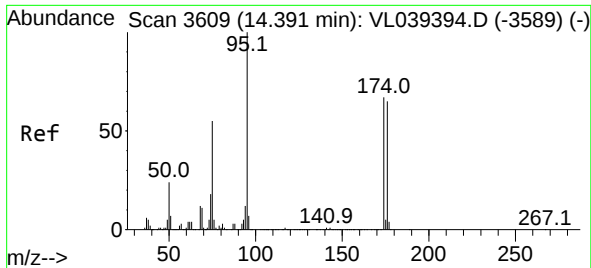


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.029 min
Lab File: VL039432.D
Acq: 5 Jul 2022 23:41



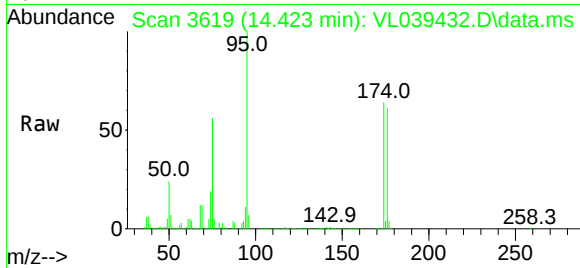
Tgt Ion:117 Resp: 2829223
Ion Ratio Lower Upper
117 100
82 67.3 50.8 76.2
119 34.3 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.153 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.032 min
 Lab File: VL039432.D
 Acq: 5 Jul 2022 23:41

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 2131019

Ion	Ratio	Lower	Upper
95	100		
174	69.3	55.9	83.9
175	4.9	4.2	6.4

Manual Integrations
 APPROVED

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

