

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039424.D
 Acq On : 5 Jul 2022 18:08
 Operator : SY/AP
 Sample : N3573-01 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:37:51 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	1452744	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	3858716	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	3410250	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2515516	9.943	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
2) Dichlorodifluoromethane	3.060	85	21051m	0.100	ppbv	Qvalue
9) Propene	3.028	41	60531	0.727	ppbv #	73
13) Ethanol	3.603	45	370077	76.635	ppbv	73
15) Acetone	3.851	43	24976964	145.325	ppbv #	63
17) tert-Butyl alcohol	4.288	59	25628m	0.176	ppbv	
19) Isopropyl Alcohol	3.963	45	4419135	48.204	ppbv #	88
20) Methylene Chloride	4.356	84	97334m	1.421	ppbv	
25) Ethyl Acetate	5.677	43	888288	2.521	ppbv #	92
29) Chloroform	5.761	83	138848	0.562	ppbv	91
34) 2-Butanone	5.253	43	104878m	0.540	ppbv	
43) Methyl Methacrylate	8.018	69	1672955	14.732	ppbv	94
52) Tetrachloroethene	11.227	164	56406m	0.469	ppbv	
53) Toluene	9.819	91	181159m	0.526	ppbv	
59) m/p-Xylene	12.973	91	42516m	0.110	ppbv	

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

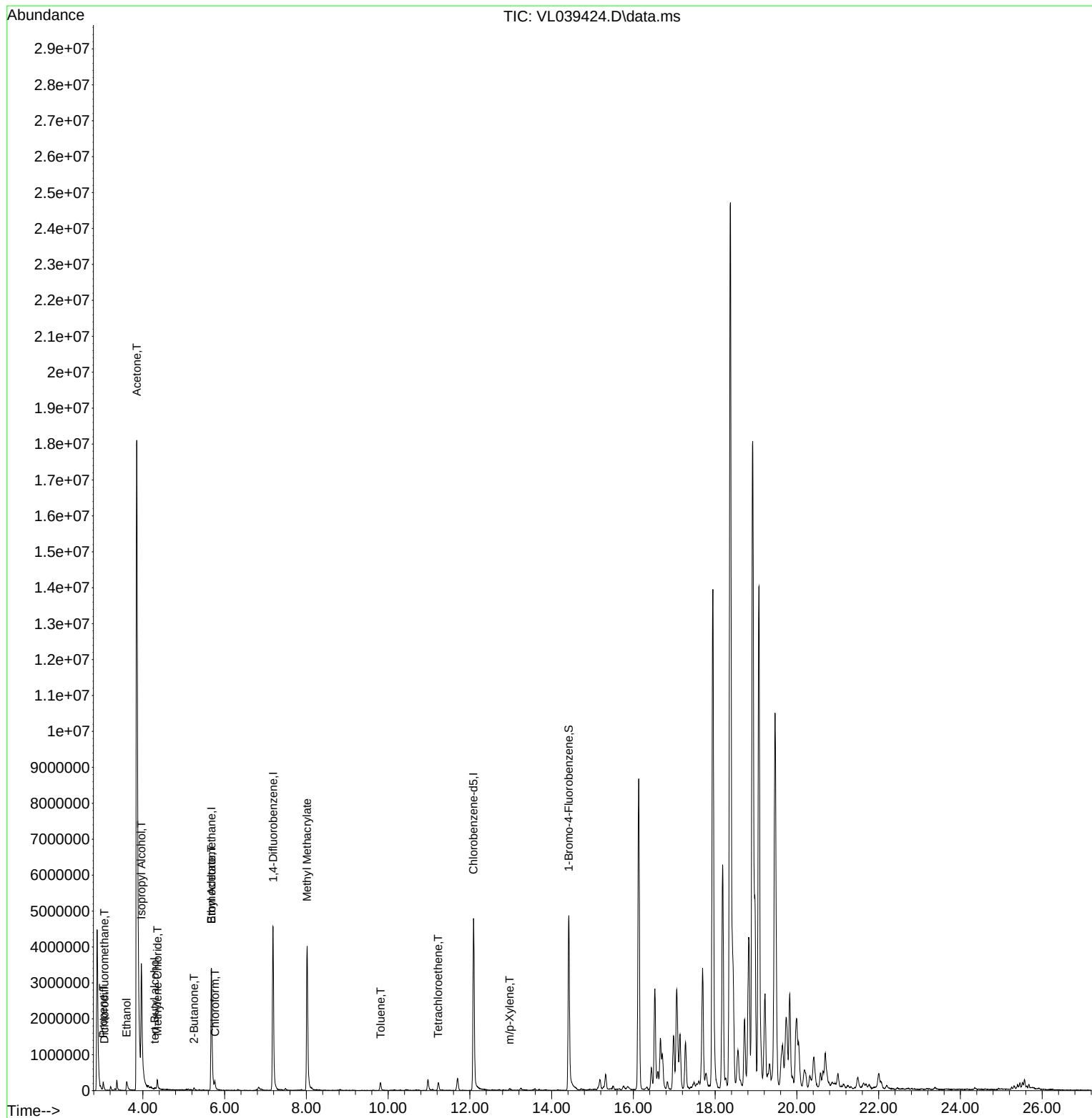
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
Data File : VL039424.D
Acq On : 5 Jul 2022 18:08
Operator : SY/AP
Sample : N3573-01 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

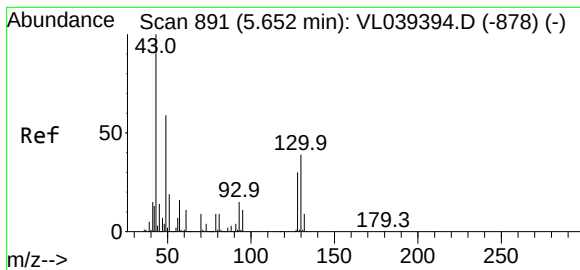
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Jul 06 02:37:51 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

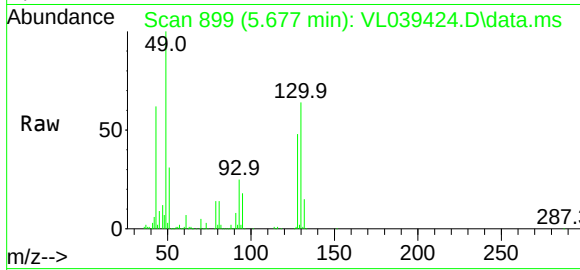
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

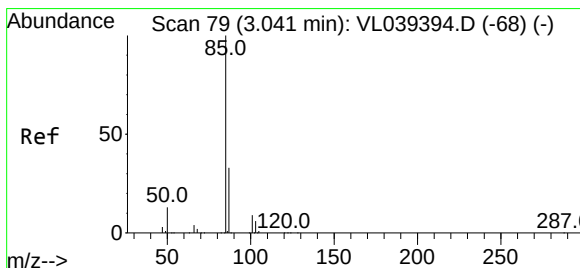
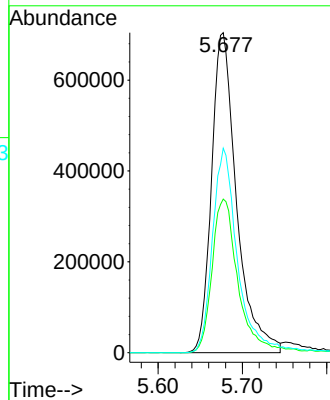
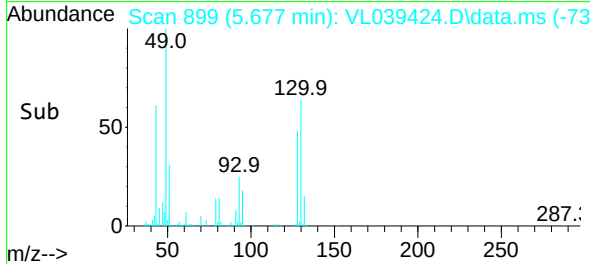
Instrument :
MSVOA_L
ClientSampleId :
SV1



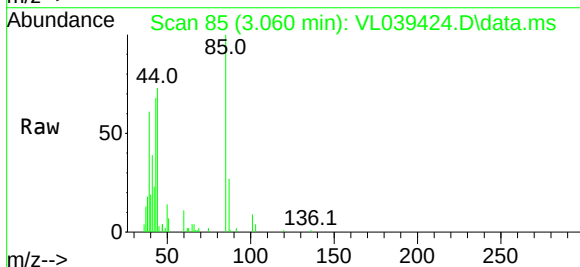
Tgt Ion: 49 Resp: 1452744
Ion Ratio Lower Upper
49 100
128 51.0 26.7 80.0
130 65.6 34.3 102.8

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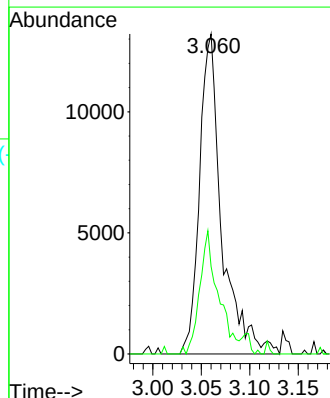
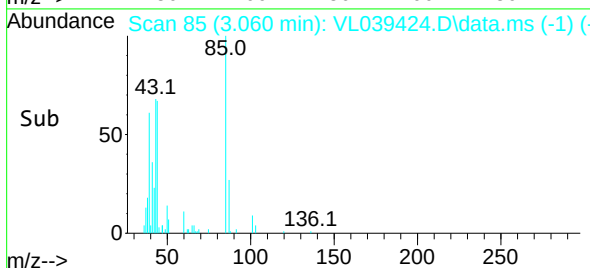
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

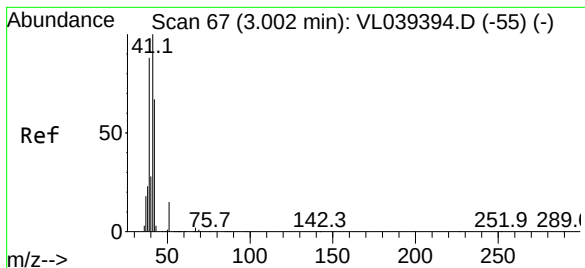


#2
Dichlorodifluoromethane
Concen: 0.100 ppbv m
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08



Tgt Ion: 85 Resp: 21051
Ion Ratio Lower Upper
85 100
87 27.3 26.7 40.1





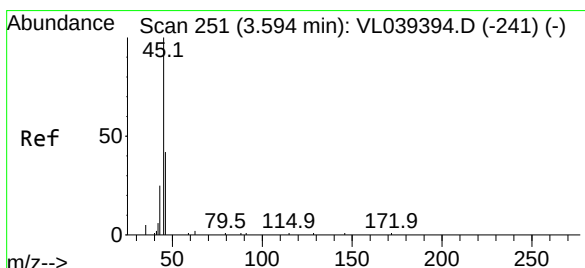
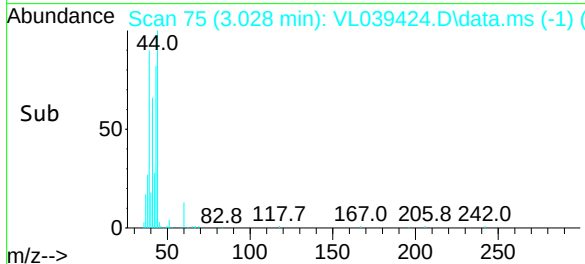
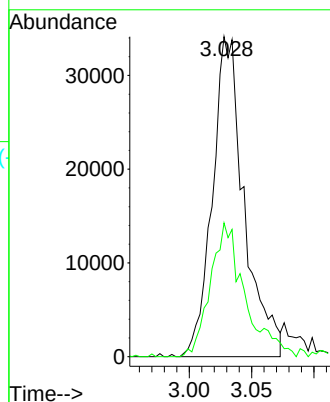
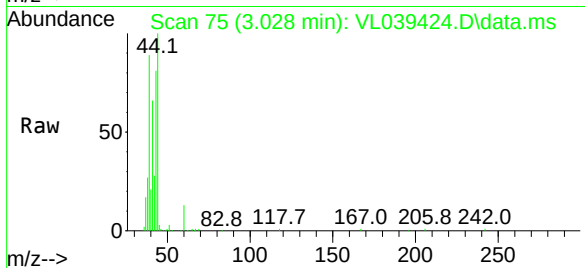
#9
 Propene
 Concen: 0.727 ppbv
 RT: 3.028 min Scan# 71
 Delta R.T. 0.026 min
 Lab File: VL039424.D
 Acq: 5 Jul 2022 18:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tgt Ion: 41 Resp: 6053
 Ion Ratio Lower Upper
 41 100
 42 46.6 55.2 82.8

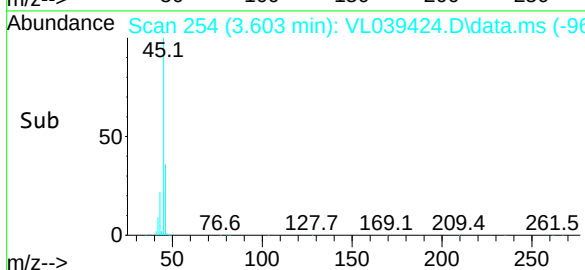
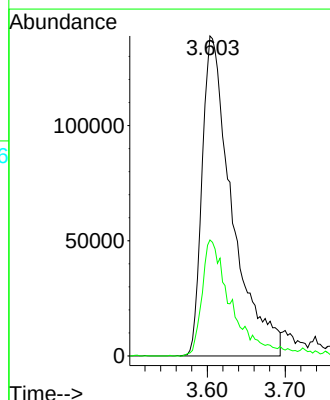
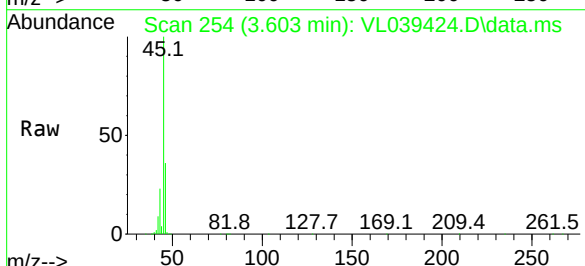
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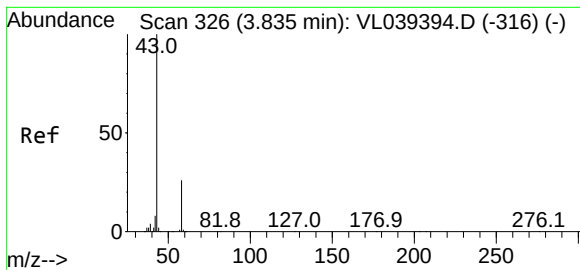
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#13
 Ethanol
 Concen: 76.635 ppbv
 RT: 3.603 min Scan# 254
 Delta R.T. 0.009 min
 Lab File: VL039424.D
 Acq: 5 Jul 2022 18:08

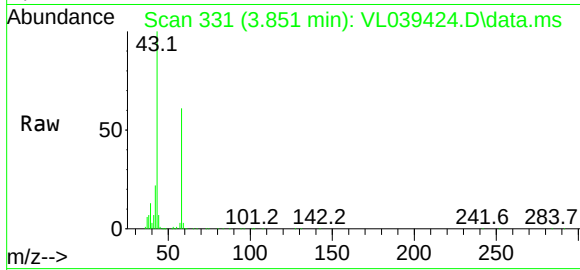
Tgt Ion: 45 Resp: 370077
 Ion Ratio Lower Upper
 45 100
 46 36.9 22.8 91.2





#15
Acetone
Concen: 145.325 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

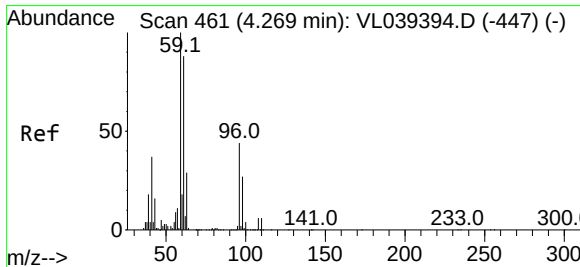
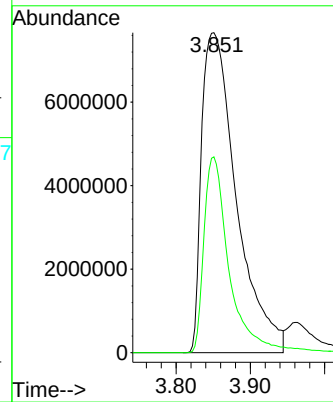
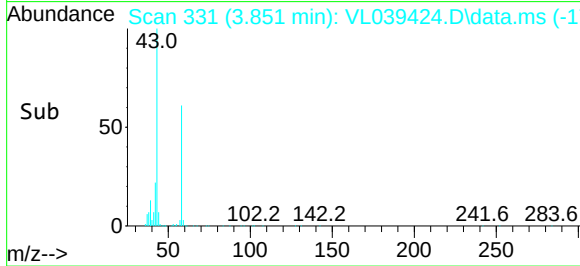
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 2497696
Ion Ratio Lower Upper
43 100
58 45.3 21.0 31.6

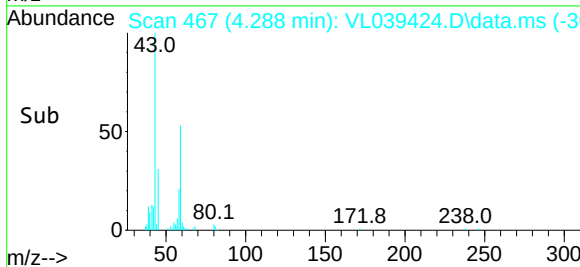
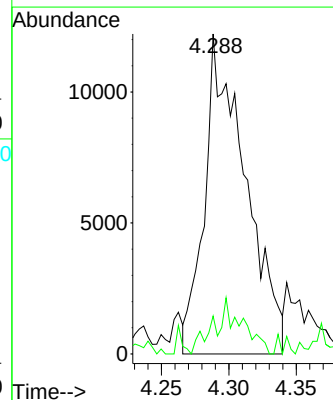
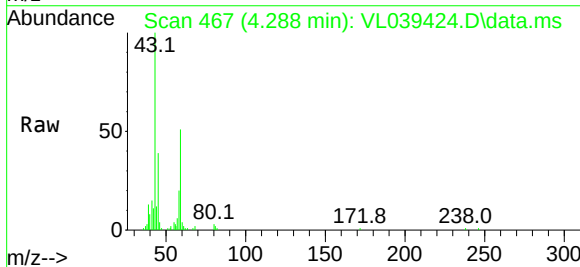
Manual Integrations
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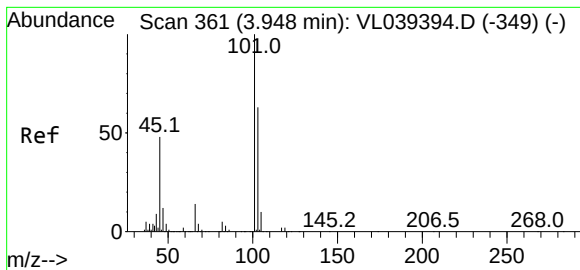
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#17
tert-Butyl alcohol
Concen: 0.176 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. 0.019 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

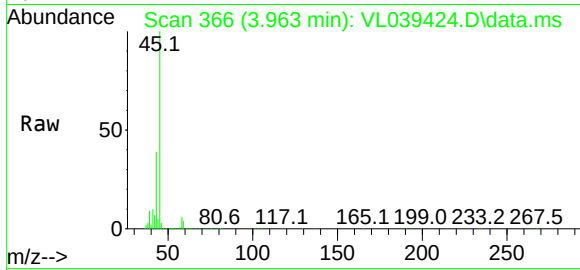
Tgt Ion: 59 Resp: 25628
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1





#19
Isopropyl Alcohol
Concen: 48.204 ppbv
RT: 3.963 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

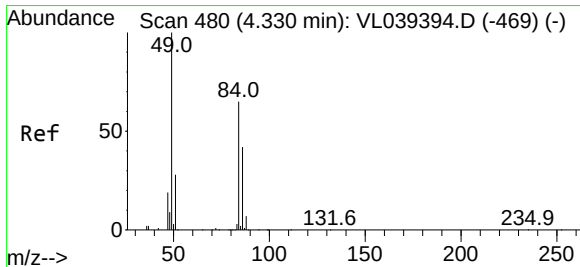
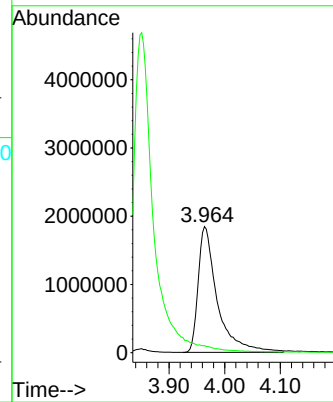
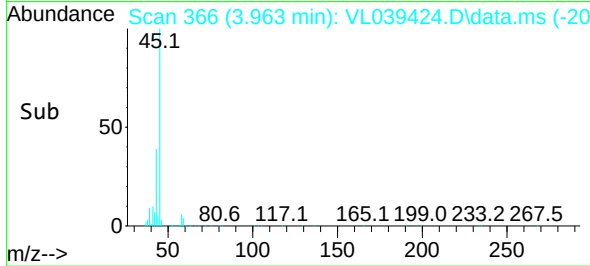
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 45 Resp: 441913
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

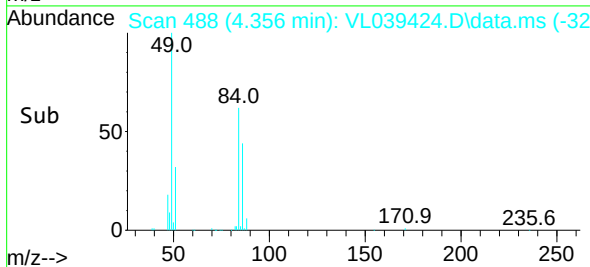
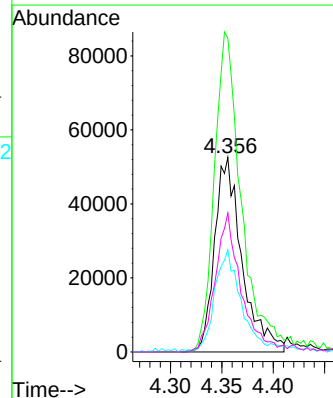
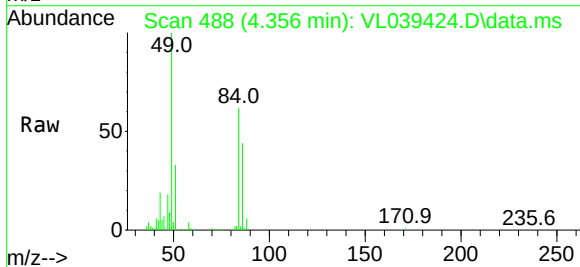
Manual Integrations
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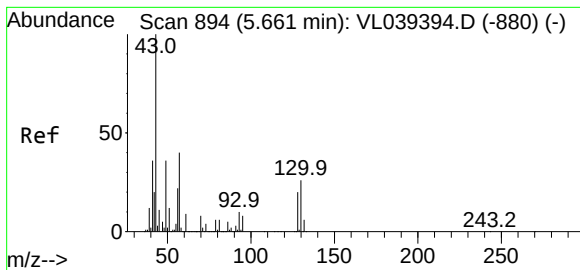
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#20
Methylene Chloride
Concen: 1.421 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

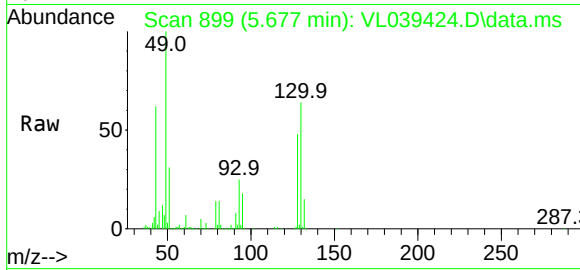
Tgt Ion: 84 Resp: 97334
Ion Ratio Lower Upper
84 100
49 161.3 123.1 184.7
51 52.5 34.4 51.6#
86 71.4 51.1 76.7





#25
Ethyl Acetate
Concen: 2.521 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.016 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

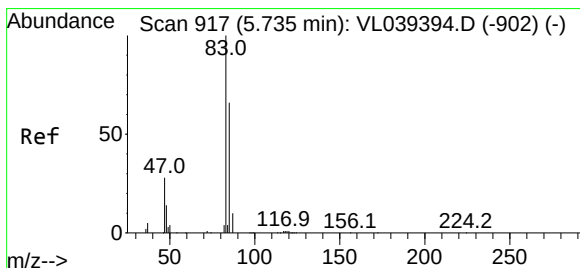
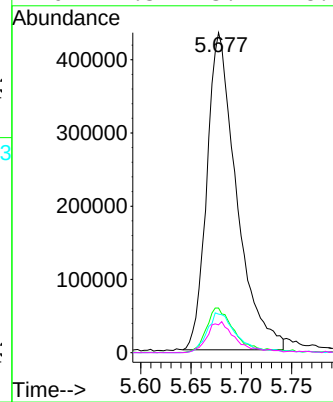
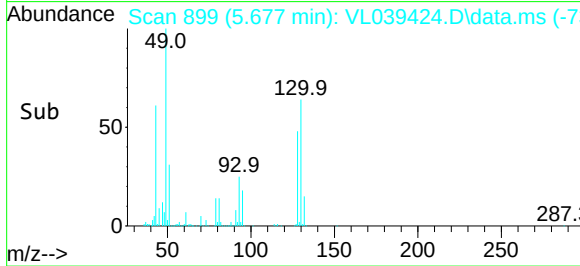
Instrument : MSVOA_L
ClientSampleId : SV1



Tgt Ion: 43 Resp: 88828
Ion Ratio Lower Upper
43 100
45 14.4 8.2 12.4
61 12.7 8.3 12.5
70 9.5 5.9 8.9

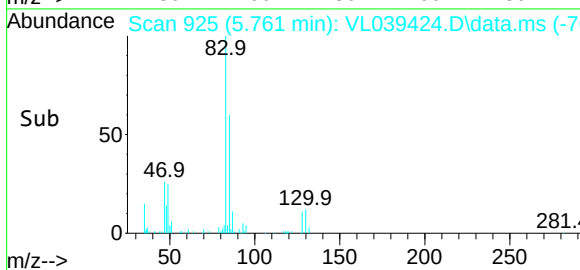
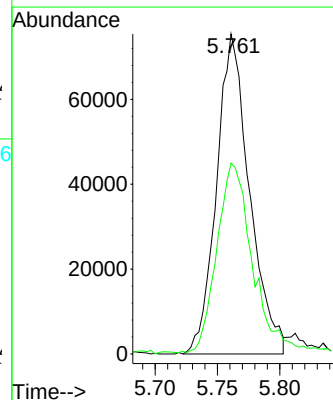
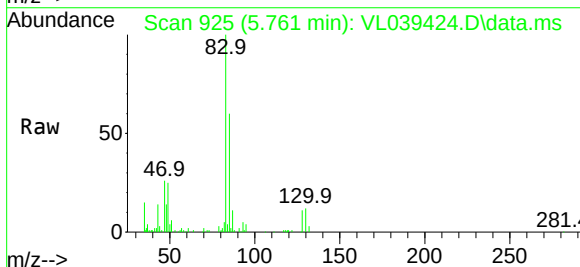
Manual Integrations
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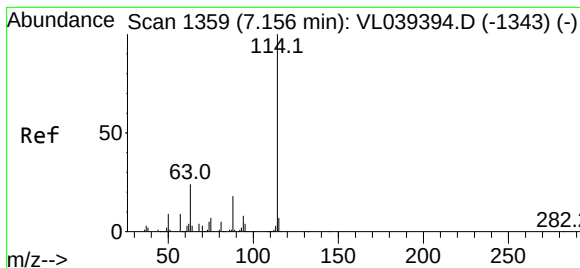
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#29
Chloroform
Concen: 0.562 ppbv
RT: 5.761 min Scan# 925
Delta R.T. 0.026 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

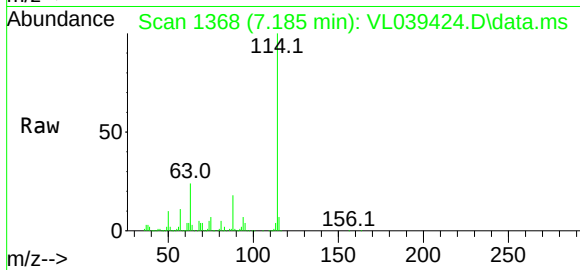
Tgt Ion: 83 Resp: 138848
Ion Ratio Lower Upper
83 100
85 58.8 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

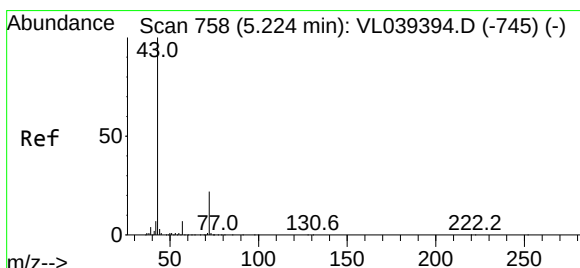
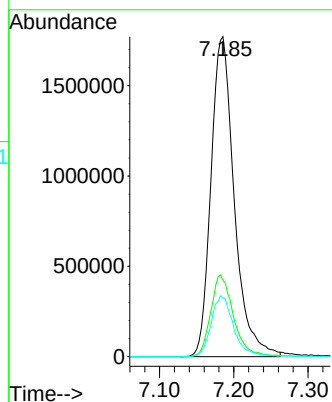
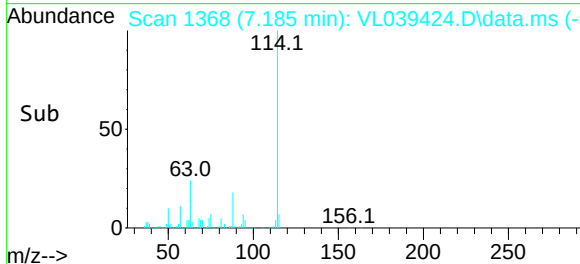
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:114 Resp: 3858710
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.7 14.5 21.7

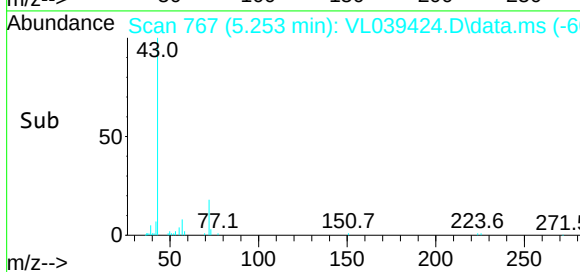
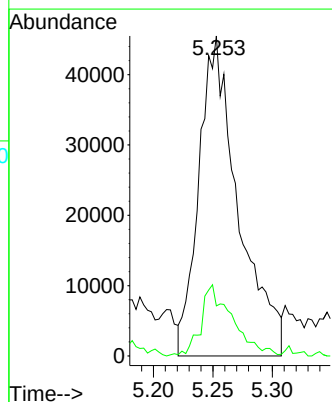
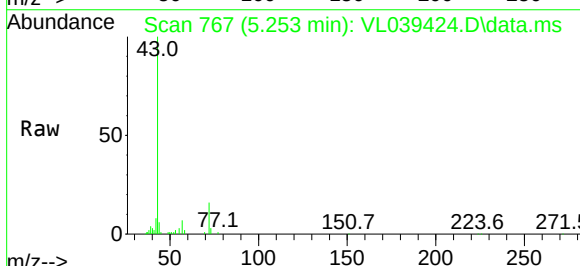
Manual Integrations
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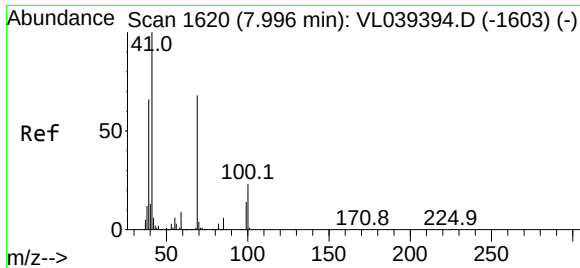
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#34
2-Butanone
Concen: 0.540 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.029 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

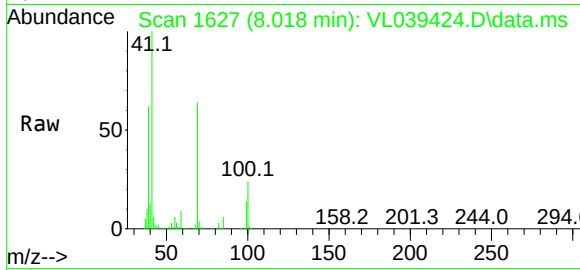
Tgt Ion: 43 Resp: 104878
Ion Ratio Lower Upper
43 100
72 18.5 17.9 26.9





#43
Methyl Methacrylate
Concen: 14.732 ppbv
RT: 8.018 min Scan# 1620
Delta R.T. 0.022 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

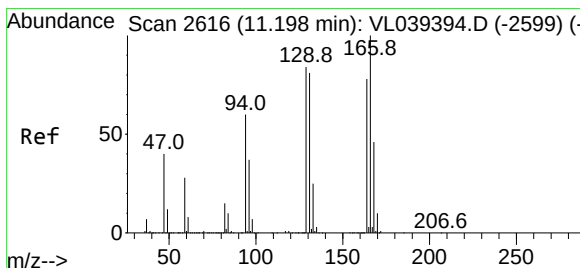
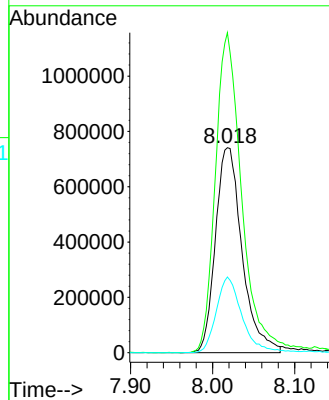
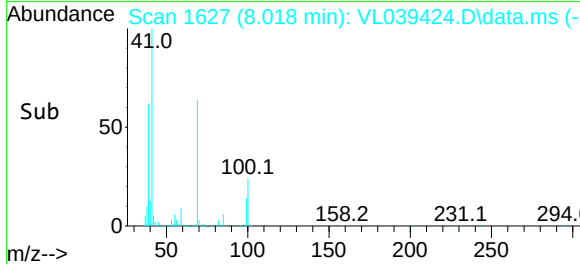
Instrument :
MSVOA_L
ClientSampleId :
SV1



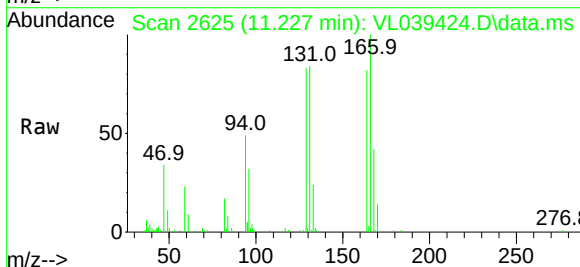
Tgt Ion: 69 Resp: 1672958
Ion Ratio Lower Upper
69 100
41 159.2 120.8 181.2
100 36.5 27.8 41.6

Manual Integrations
APPROVED

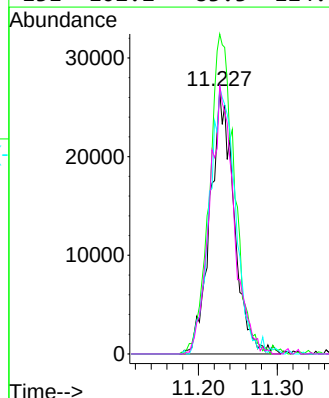
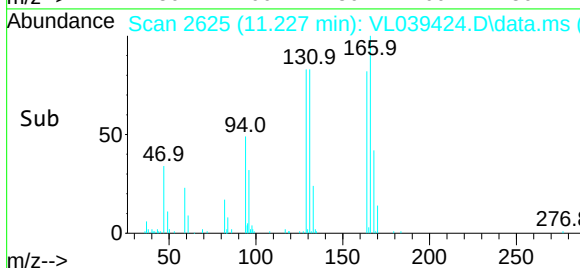
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

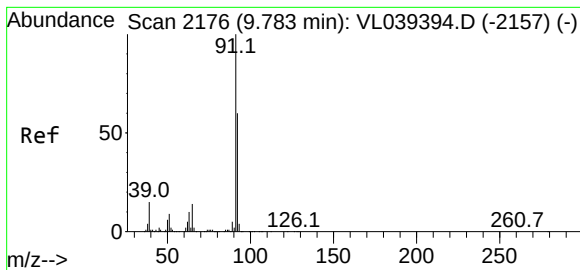


#52
Tetrachloroethene
Concen: 0.469 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.029 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08



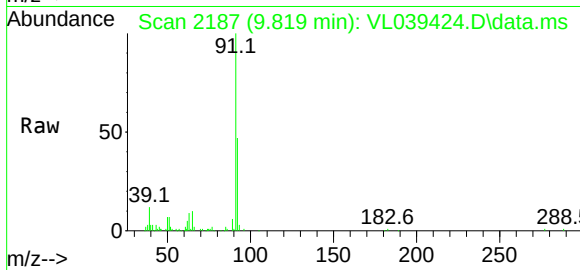
Tgt Ion:164 Resp: 56406
Ion Ratio Lower Upper
164 100
166 121.6 102.2 153.2
129 101.5 85.8 128.8
131 102.2 83.3 124.9





#53
Toluene
Concen: 0.526 ppbv m
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

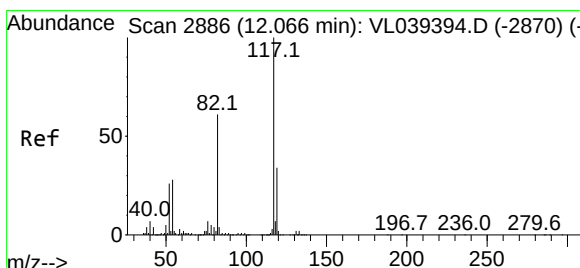
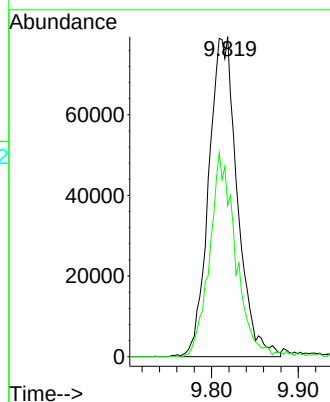
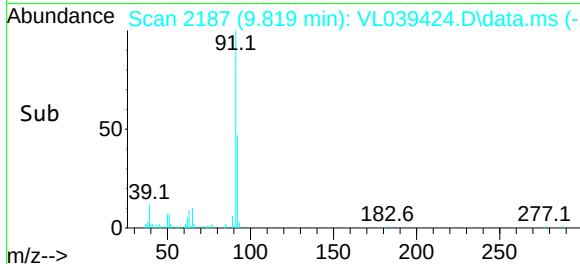
Instrument :
MSVOA_L
ClientSampleId :
SV1



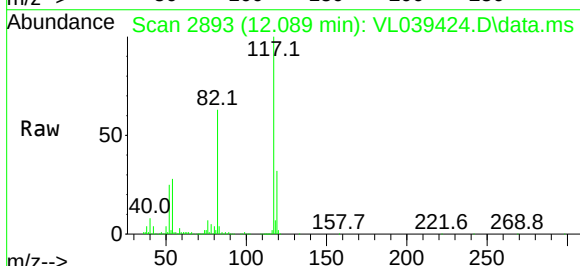
Tgt Ion: 91 Resp: 181159
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

Manual Integrations
APPROVED

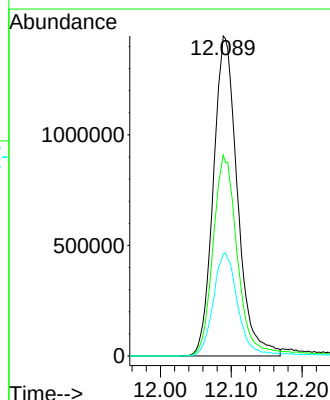
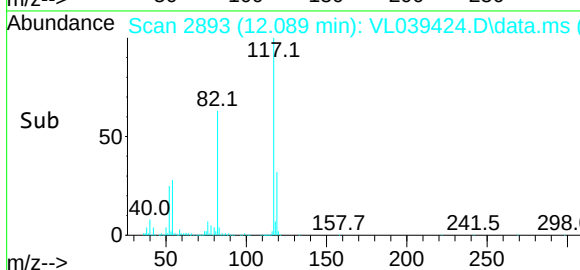
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

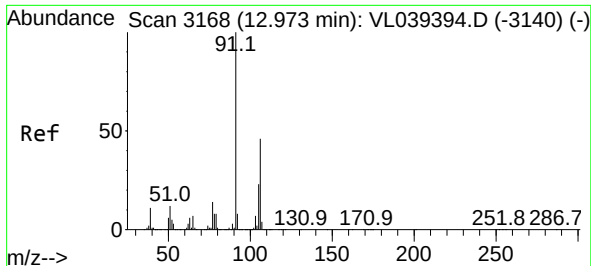


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.022 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08



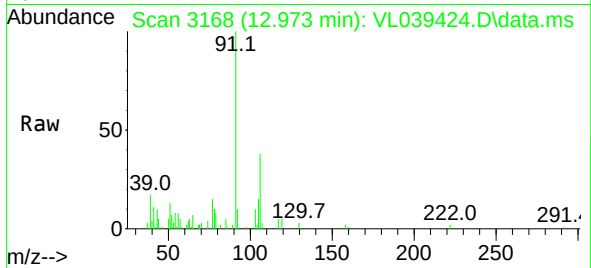
Tgt Ion:117 Resp: 3410250
Ion Ratio Lower Upper
117 100
82 65.8 50.8 76.2
119 33.5 24.1 36.1





#59
m/p-Xylene
Concen: 0.110 ppbv m
RT: 12.973 min Scan# 3168
Delta R.T. -0.000 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08

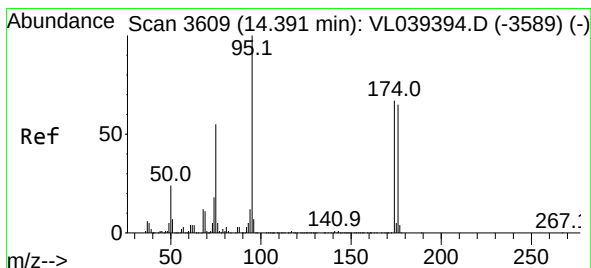
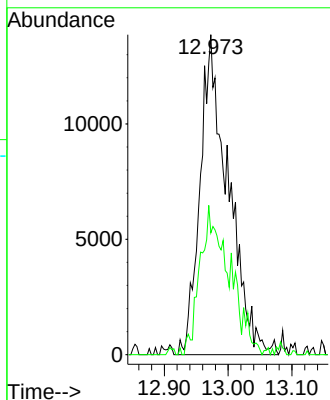
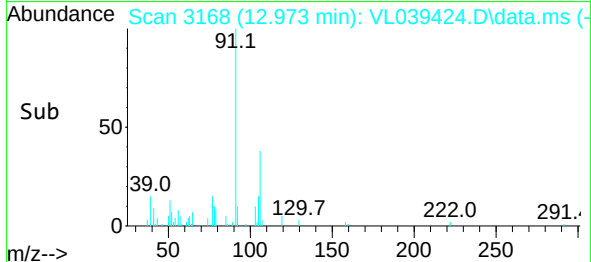
Instrument :
MSVOA_L
ClientSampleId :
SV1



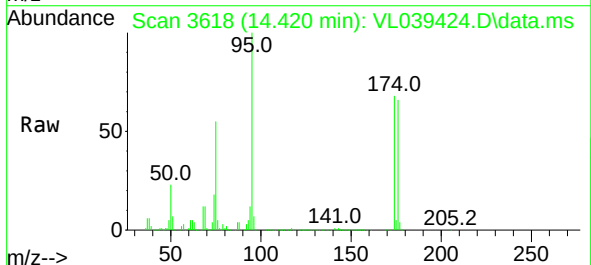
Tgt Ion: 91 Resp: 42510
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.943 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.029 min
Lab File: VL039424.D
Acq: 5 Jul 2022 18:08



Tgt Ion: 95 Resp: 2515516
Ion Ratio Lower Upper
95 100
174 72.1 55.9 83.9
175 5.1 4.2 6.4

