

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039425.D
 Acq On : 5 Jul 2022 18:50
 Operator : SY/AP
 Sample : N3573-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:38:04 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	5.674	49	1436563	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3854946	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	3320167	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2484413	10.087	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
						Qvalue
9) Propene	3.031	41	37267m	0.453	ppbv	
13) Ethanol	3.613	45	160449m	33.600	ppbv	
15) Acetone	3.851	43	17719593	104.260	ppbv #	79
19) Isopropyl Alcohol	3.967	45	2127057	23.463	ppbv #	88
20) Methylene Chloride	4.356	84	56799	0.838	ppbv	88
25) Ethyl Acetate	5.681	43	432337	1.241	ppbv #	91
29) Chloroform	5.758	83	75906m	0.311	ppbv	
34) 2-Butanone	5.256	43	52377m	0.270	ppbv	
43) Methyl Methacrylate	8.018	69	836999	7.378	ppbv	94
52) Tetrachloroethene	11.233	164	30016m	0.250	ppbv	
53) Toluene	9.815	91	84227	0.245	ppbv	97

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

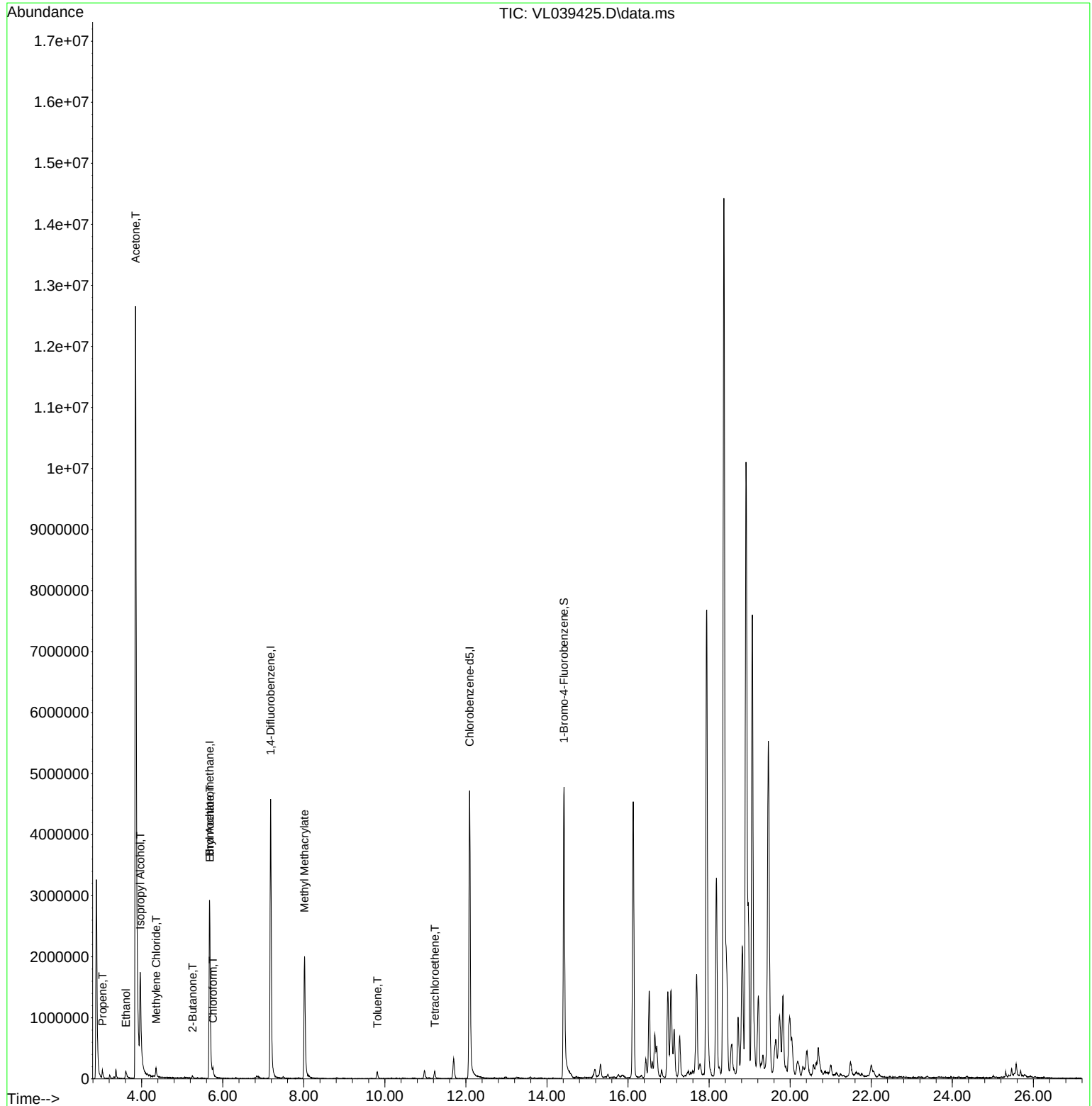
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
Data File : VL039425.D
Acq On : 5 Jul 2022 18:50
Operator : SY/AP
Sample : N3573-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

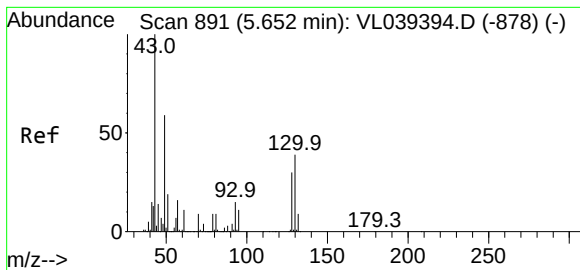
Instrument :
MSVOA_L
ClientSampleId :
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Supervised By :Mahesh Dadoda 07/07/2022

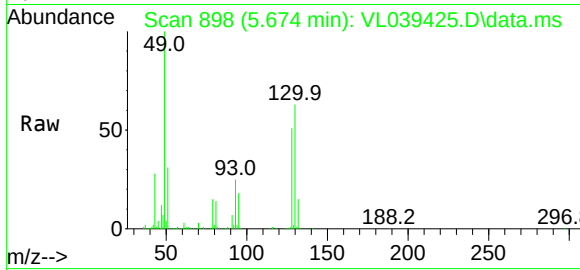
Quant Time: Jul 06 02:38:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

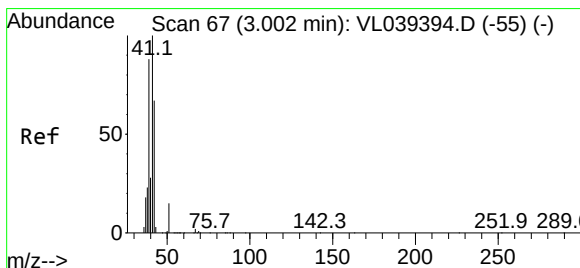
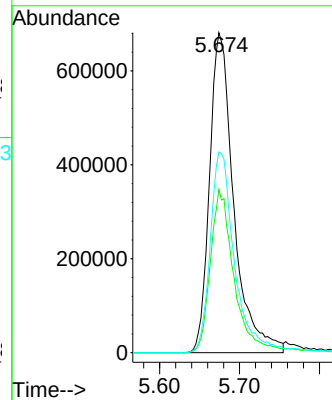
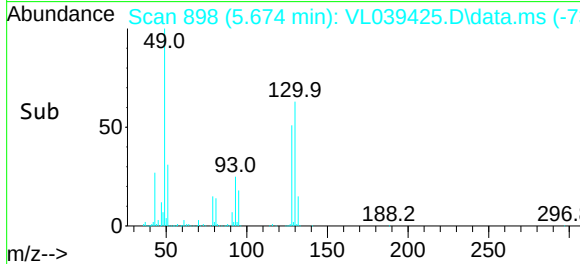
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 143656
Ion Ratio Lower Upper
49 100
128 50.9 26.7 80.0
130 64.1 34.3 102.8

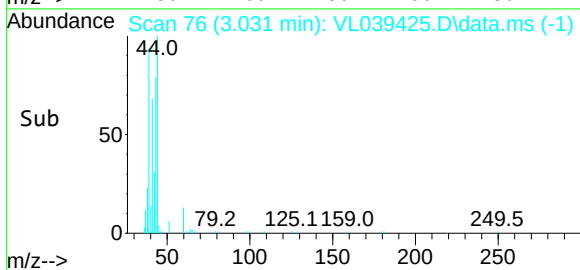
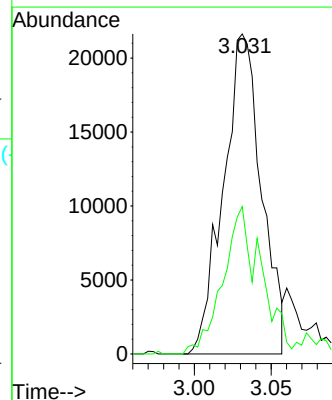
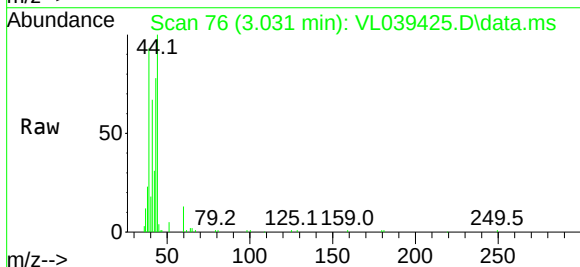
Manual Integrations
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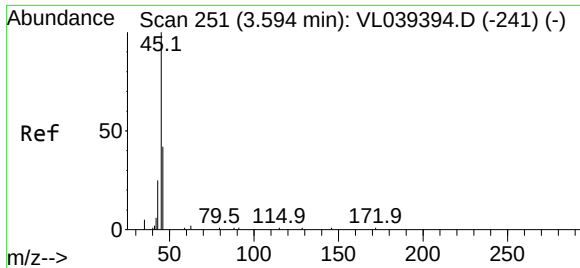
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#9
Propene
Concen: 0.453 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

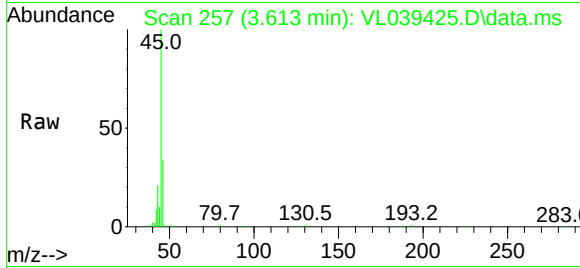
Tgt Ion: 41 Resp: 37267
Ion Ratio Lower Upper
41 100
42 1.5 55.2 82.8#





#13
Ethanol
Concen: 33.600 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

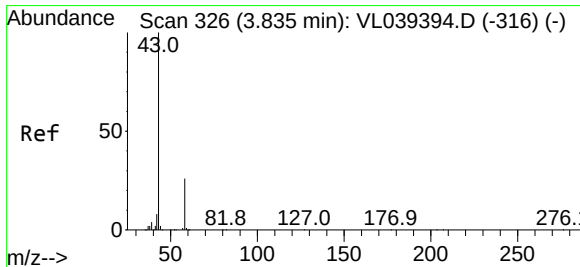
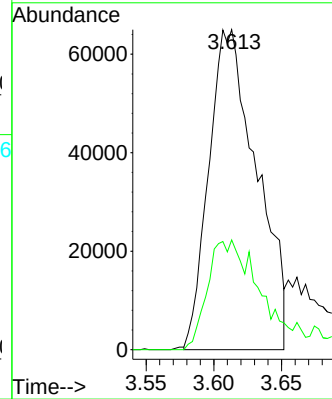
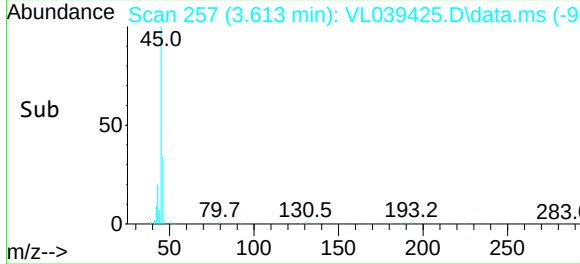
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 160449
Ion Ratio Lower Upper
45 100
46 45.2 22.8 91.2

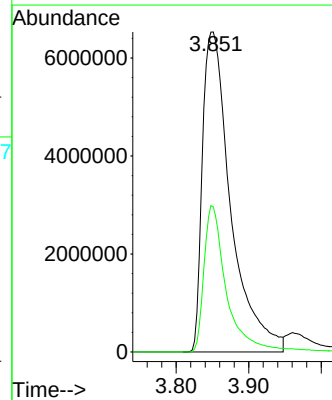
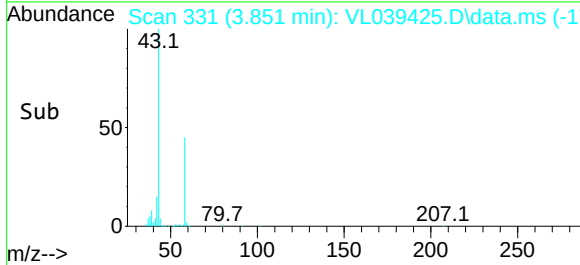
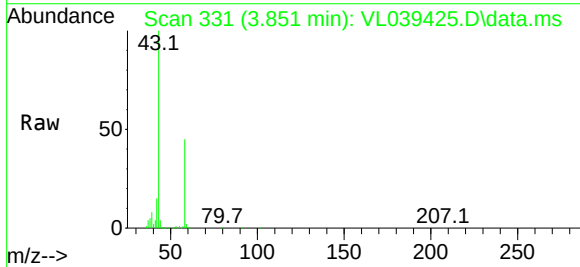
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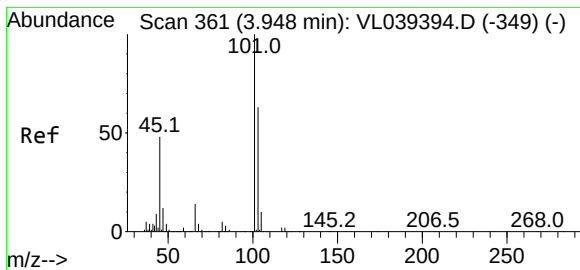
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#15
Acetone
Concen: 104.260 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.016 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

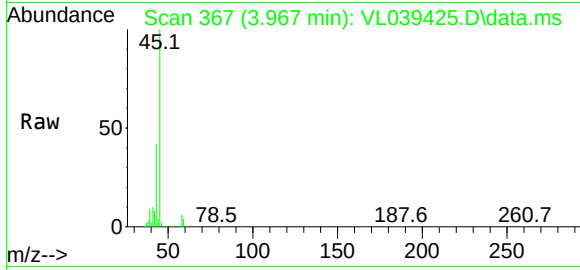
Tgt Ion: 43 Resp:17719593
Ion Ratio Lower Upper
43 100
58 37.1 21.0 31.6#





#19
Isopropyl Alcohol
Concen: 23.463 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

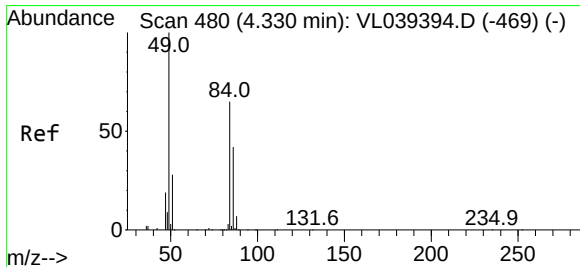
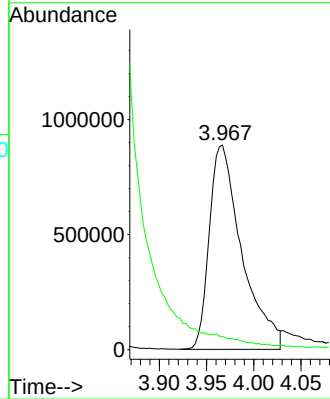
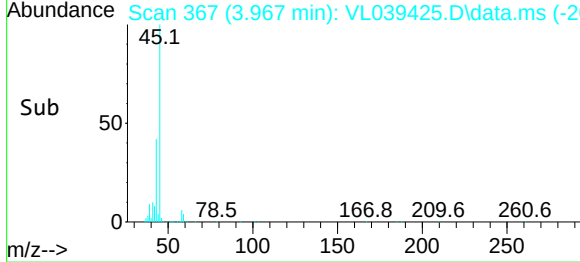
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



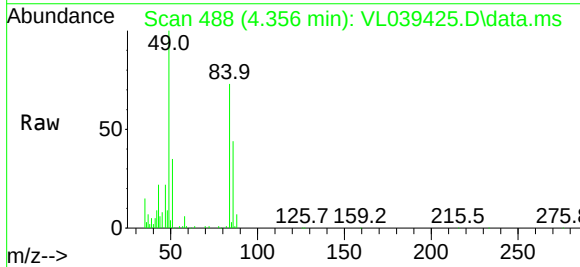
Tgt Ion: 45 Resp: 212705
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

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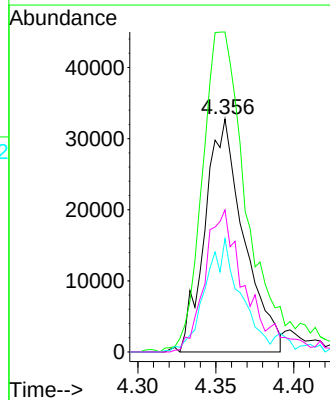
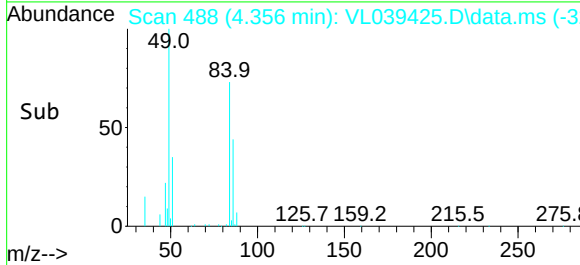
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

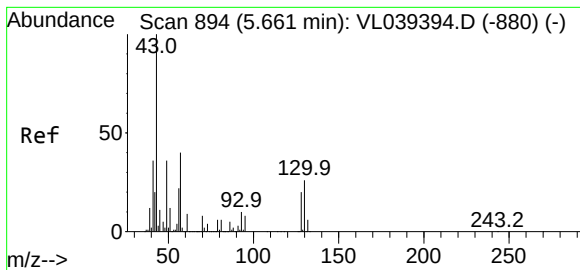


#20
Methylene Chloride
Concen: 0.838 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50



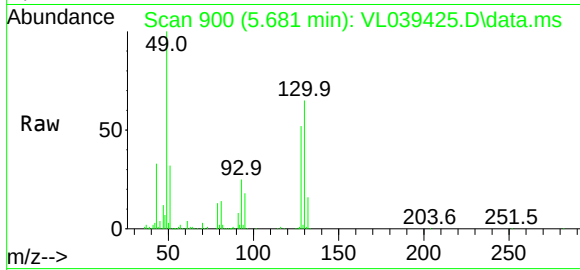
Tgt Ion: 84 Resp: 56799
Ion Ratio Lower Upper
84 100
49 131.7 123.1 184.7
51 46.6 34.4 51.6
86 60.1 51.1 76.7





#25
Ethyl Acetate
Concen: 1.241 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.019 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

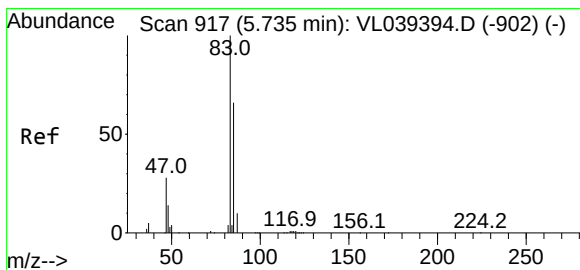
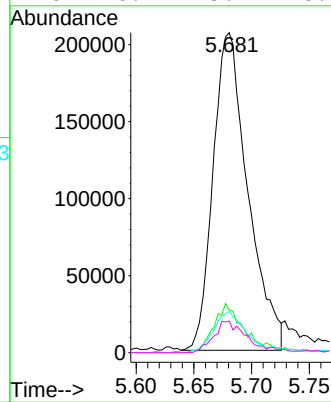
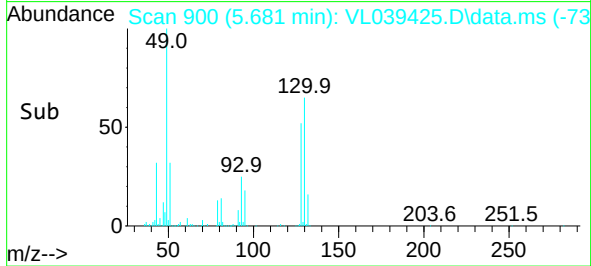
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 43233
Ion Ratio Lower Upper
43 100
45 15.2 8.2 12.4
61 13.0 8.3 12.5
70 10.2 5.9 8.9

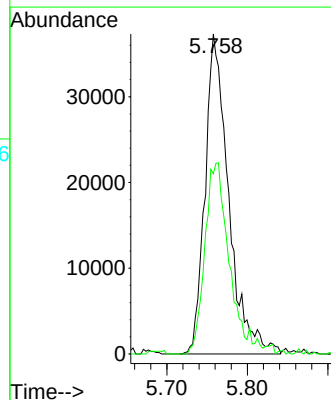
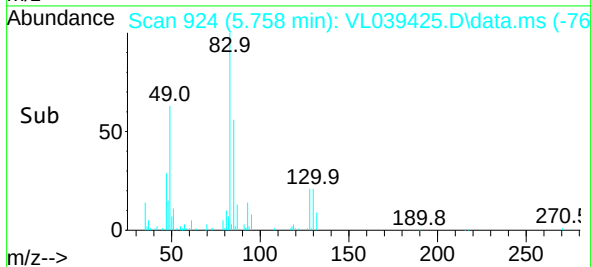
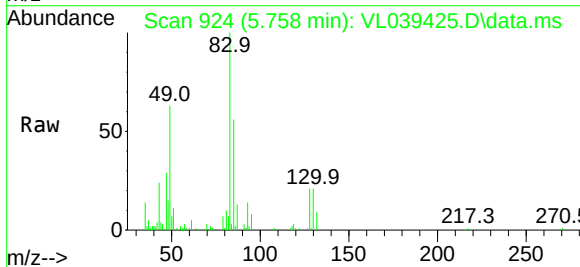
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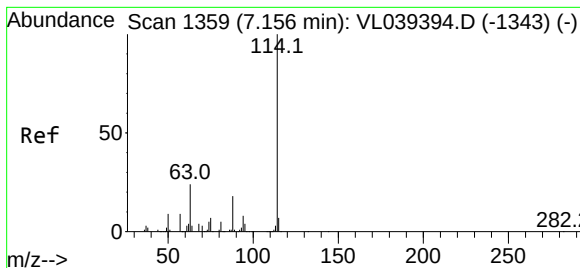
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#29
Chloroform
Concen: 0.311 ppbv m
RT: 5.758 min Scan# 924
Delta R.T. 0.022 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

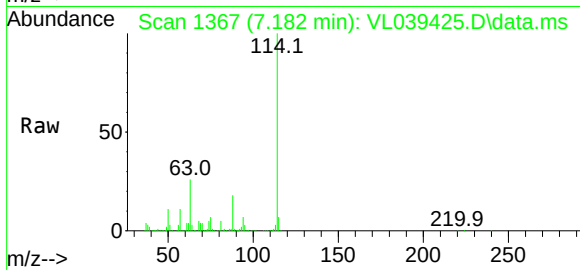
Tgt Ion: 83 Resp: 75906
Ion Ratio Lower Upper
83 100
85 56.3 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

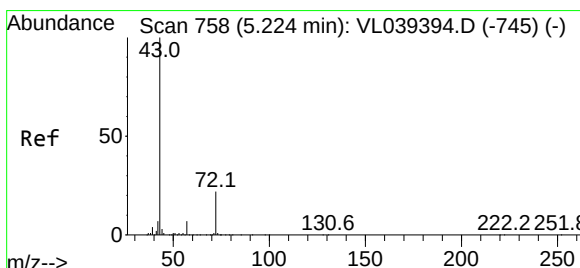
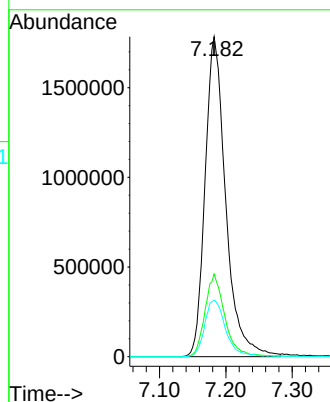
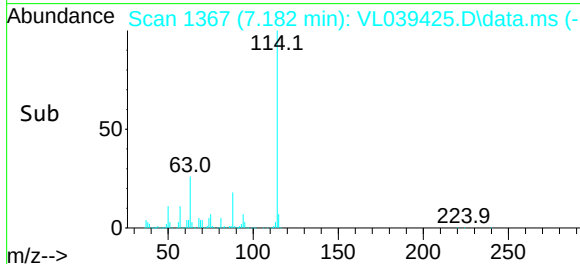
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 385494
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.1 14.5 21.7

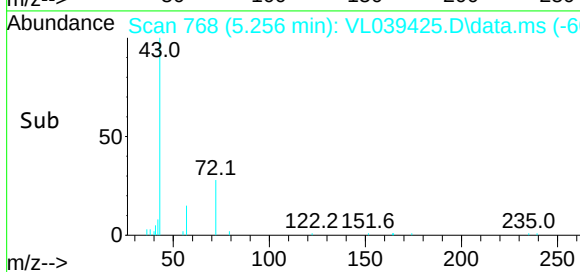
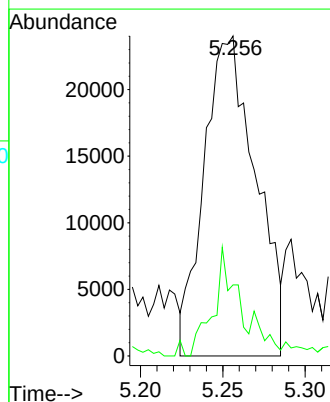
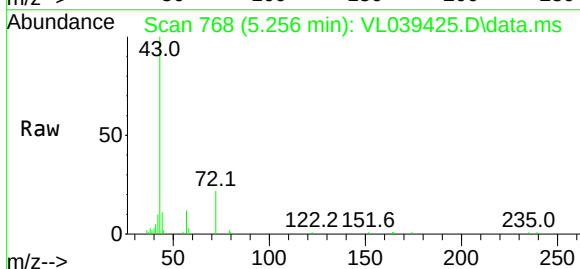
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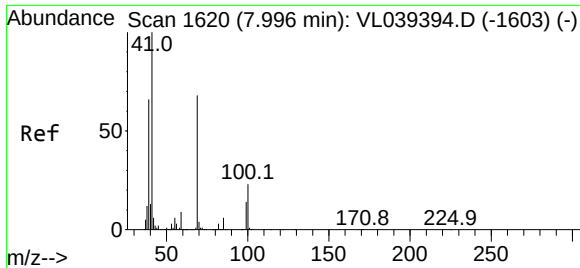
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#34
2-Butanone
Concen: 0.270 ppbv m
RT: 5.256 min Scan# 768
Delta R.T. 0.032 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

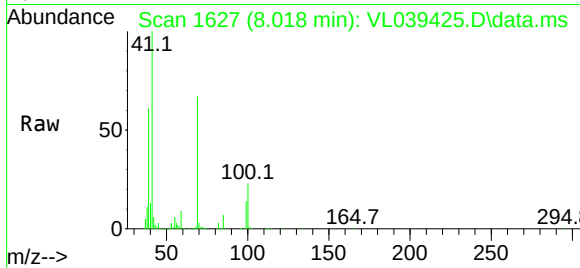
Tgt Ion: 43 Resp: 52377
Ion Ratio Lower Upper
43 100
72 21.2 17.9 26.9





#43
Methyl Methacrylate
Concen: 7.378 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. 0.022 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

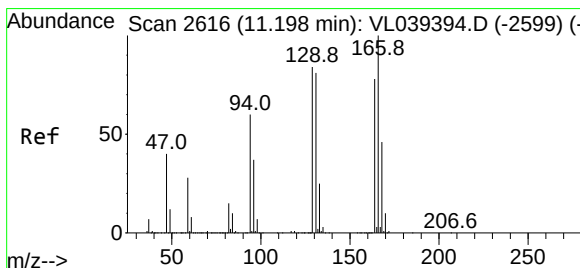
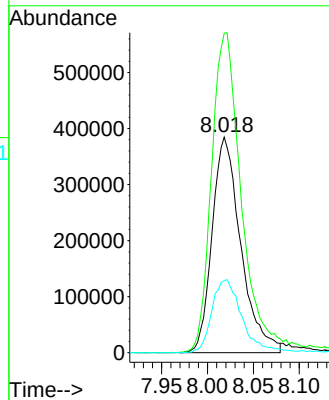
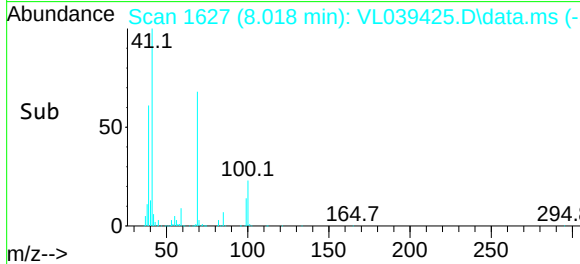
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



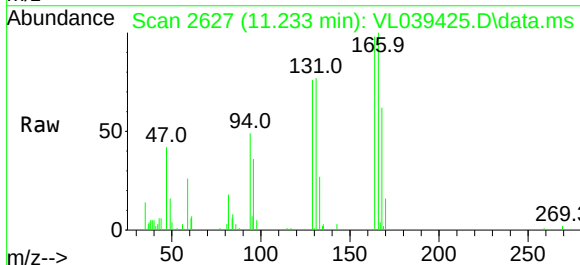
Tgt Ion: 69 Resp: 836999
Ion Ratio Lower Upper
69 100
41 159.6 120.8 181.2
100 36.2 27.8 41.6

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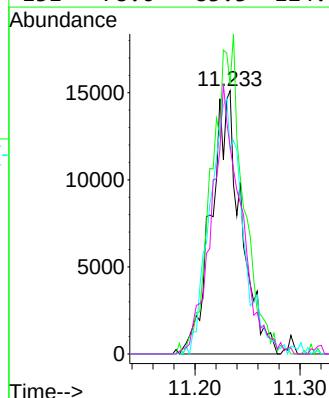
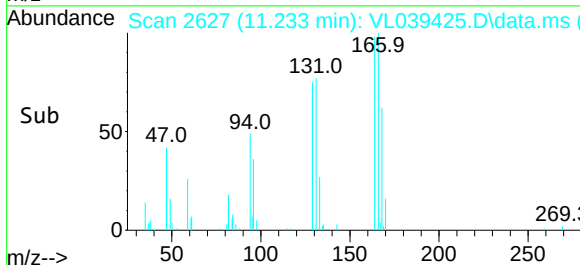
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

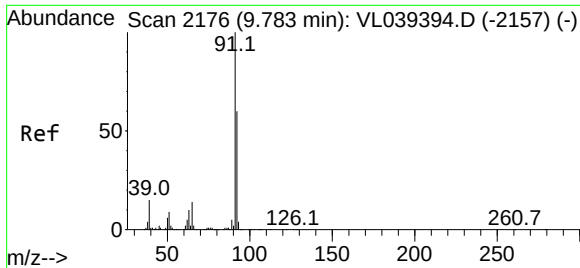


#52
Tetrachloroethene
Concen: 0.250 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50



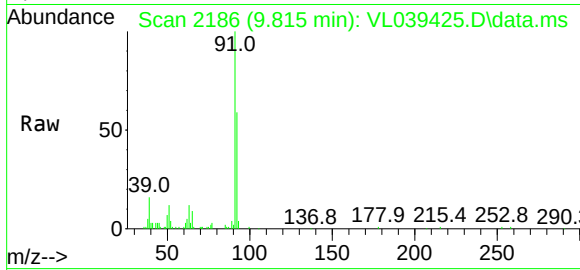
Tgt Ion:164 Resp: 30016
Ion Ratio Lower Upper
164 100
166 102.5 102.2 153.2
129 78.2 85.8 128.8#
131 78.6 83.3 124.9#





#53
Toluene
Concen: 0.245 ppbv
RT: 9.815 min Scan# 2176
Delta R.T. 0.032 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50

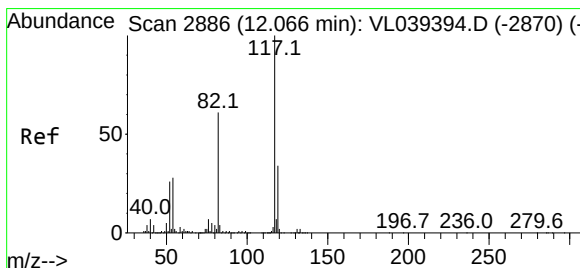
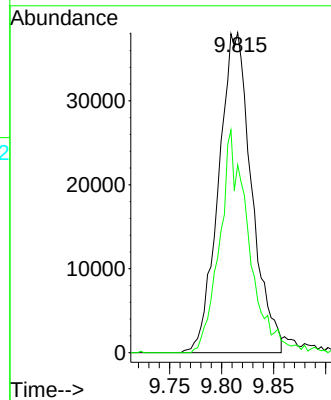
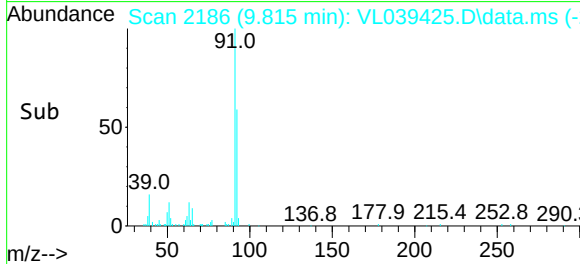
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



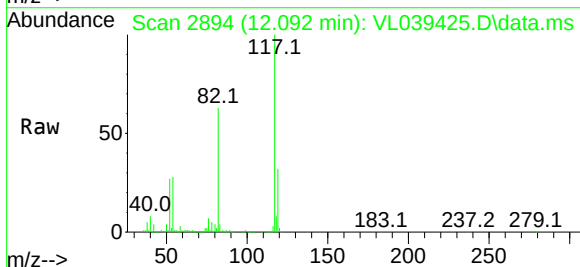
Tgt Ion: 91 Resp: 8422
Ion Ratio Lower Upper
91 100
92 62.4 48.2 72.2

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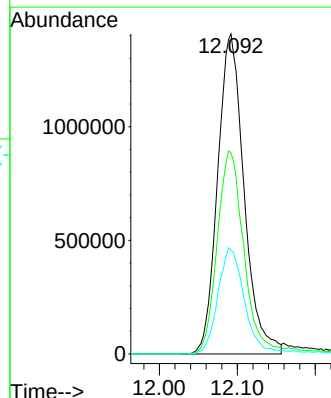
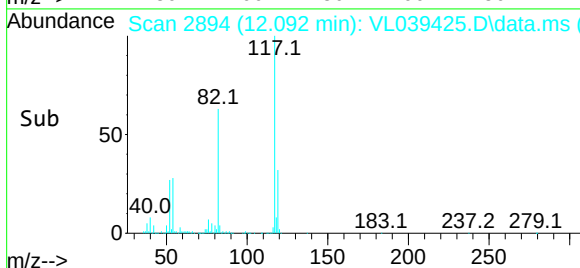
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

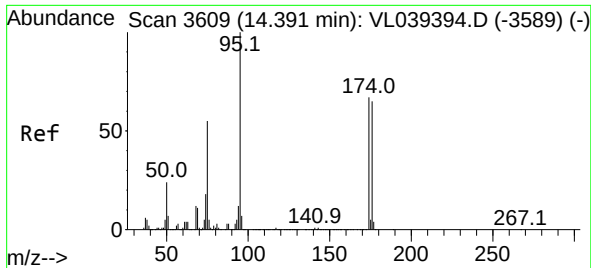


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.026 min
Lab File: VL039425.D
Acq: 5 Jul 2022 18:50



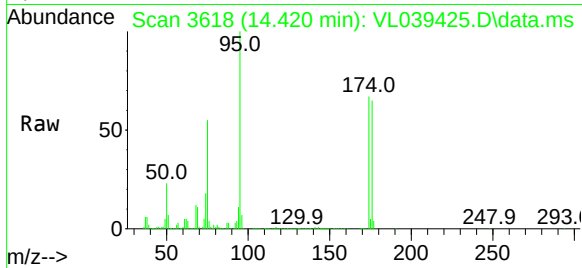
Tgt Ion:117 Resp: 3320167
Ion Ratio Lower Upper
117 100
82 66.7 50.8 76.2
119 33.7 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.087 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.029 min
 Lab File: VL039425.D
 Acq: 5 Jul 2022 18:50

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 248441

Ion	Ratio	Lower	Upper
95	100		
174	72.0	55.9	83.9
175	5.1	4.2	6.4

Manual Integrations
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