

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039527.D
 Acq On : 25 Jul 2022 22:07
 Operator : SY/AP
 Sample : N3842-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:08:20 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.671	49	1132418	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3124828	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2718203	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2057185	10.202	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	15744	0.243	ppbv	87
13) Ethanol	3.623	45	3976m	1.056	ppbv	
15) Acetone	3.864	43	124820m	0.932	ppbv	
20) Methylene Chloride	4.349	84	71459m	1.338	ppbv	
23) Vinyl Acetate	5.076	43	24526m	0.274	ppbv	
26) Hexane	5.693	57	88225	0.797	ppbv #	37
52) Tetrachloroethene	11.224	164	30078m	0.309	ppbv	

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

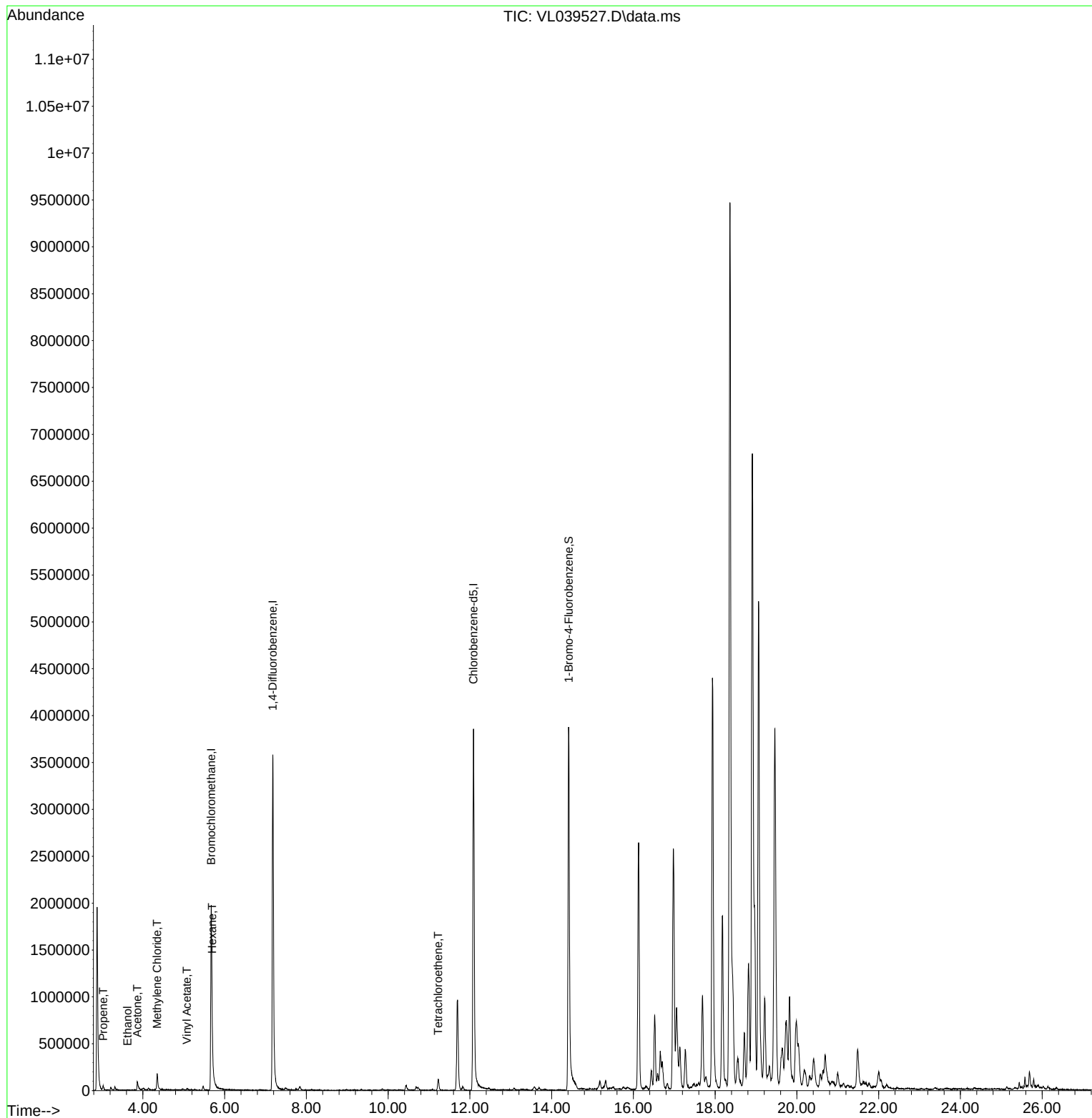
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
Data File : VL039527.D
Acq On : 25 Jul 2022 22:07
Operator : SY/AP
Sample : N3842-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

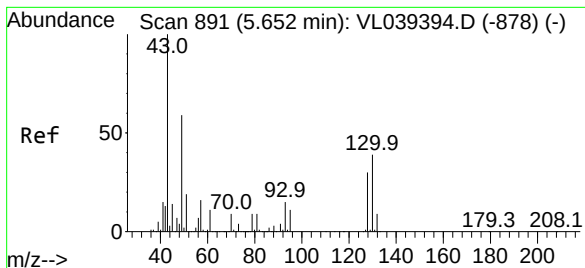
Instrument :
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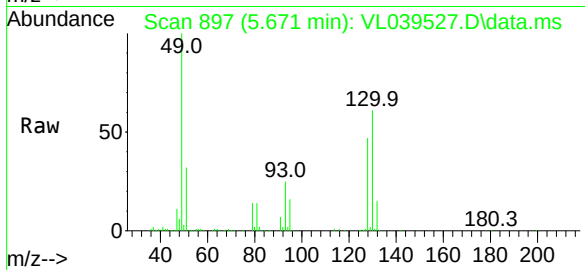
Quant Time: Jul 26 08:08:20 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 891
Delta R.T. 0.019 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

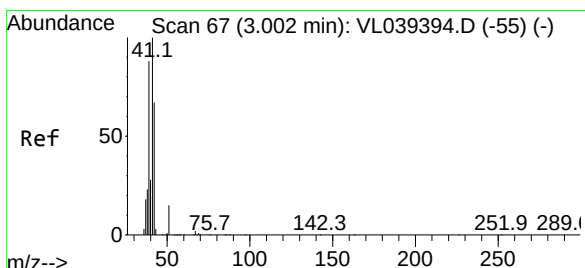
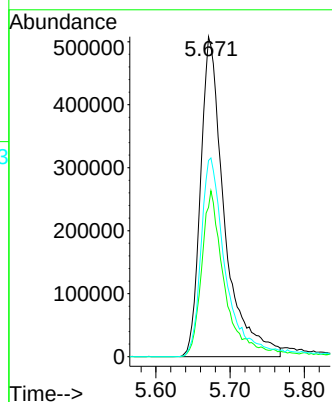
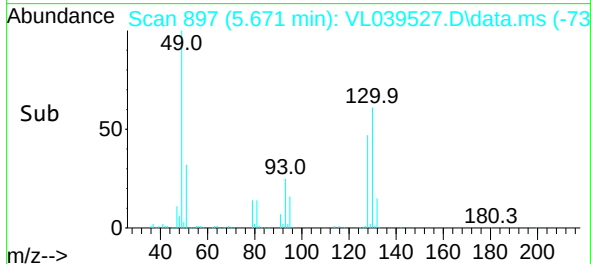
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



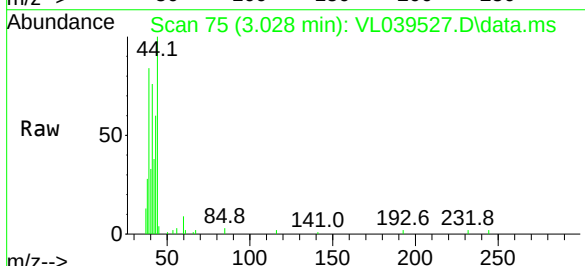
Tgt Ion: 49 Resp: 1132418
Ion Ratio Lower Upper
49 100
128 51.6 26.7 80.0
130 66.2 34.3 102.8

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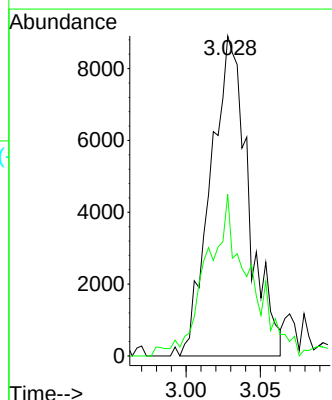
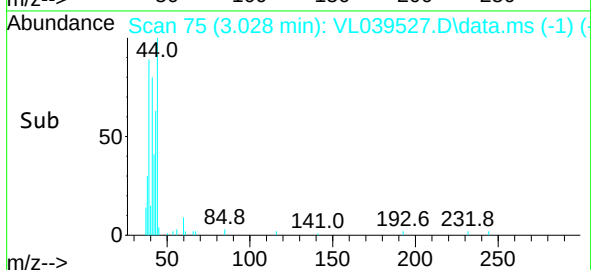
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

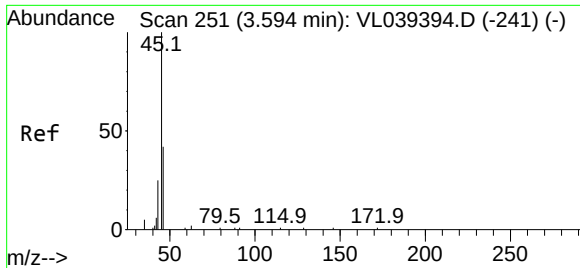


#9
Propene
Concen: 0.243 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07



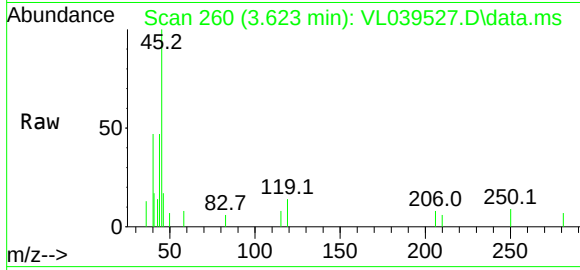
Tgt Ion: 41 Resp: 15744
Ion Ratio Lower Upper
41 100
42 58.5 55.2 82.8





#13
Ethanol
Concen: 1.056 ppbv m
RT: 3.623 min Scan# 2
Delta R.T. 0.029 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

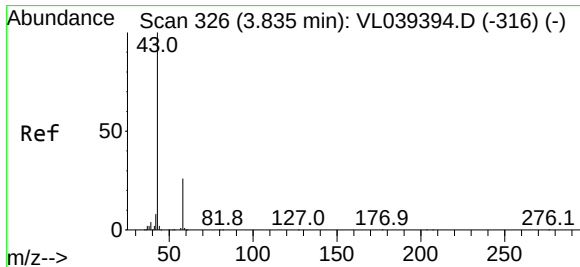
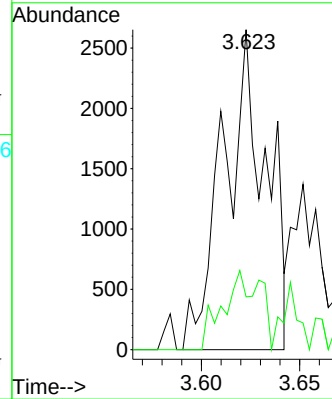
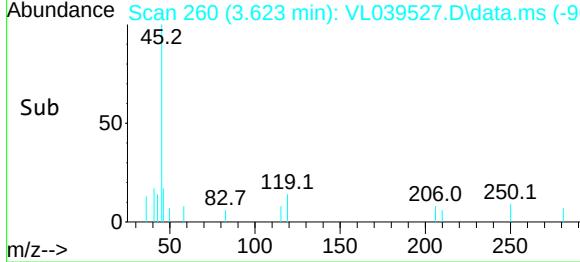
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 3970
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

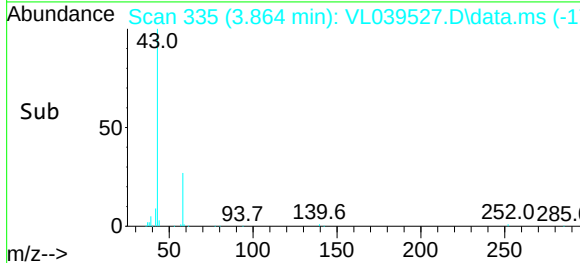
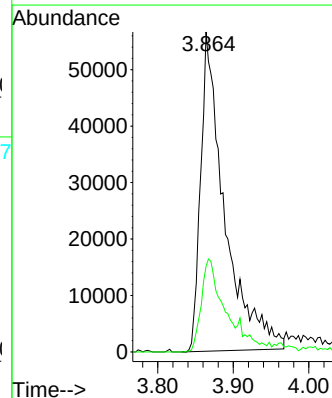
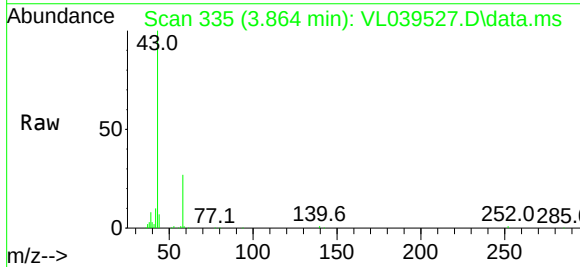
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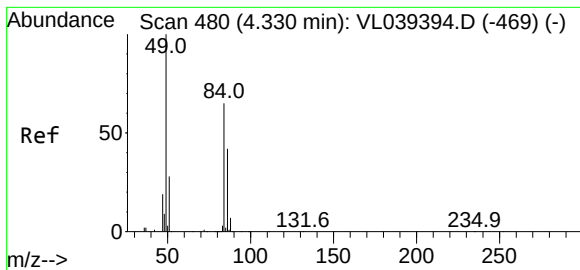
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#15
Acetone
Concen: 0.932 ppbv m
RT: 3.864 min Scan# 335
Delta R.T. 0.029 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

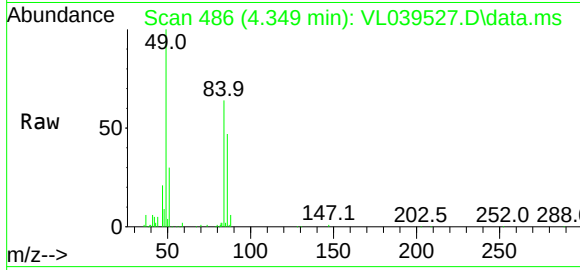
Tgt Ion: 43 Resp: 124820
Ion Ratio Lower Upper
43 100
58 30.1 21.0 31.6





#20
Methylene Chloride
Concen: 1.338 ppbv m
RT: 4.349 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

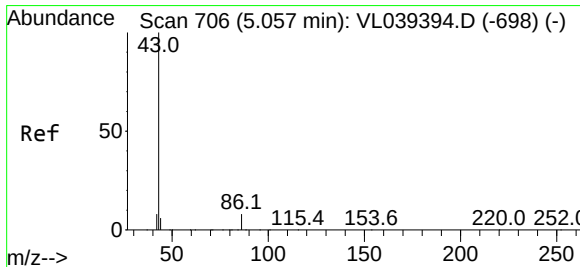
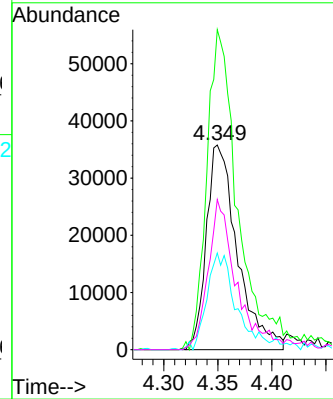
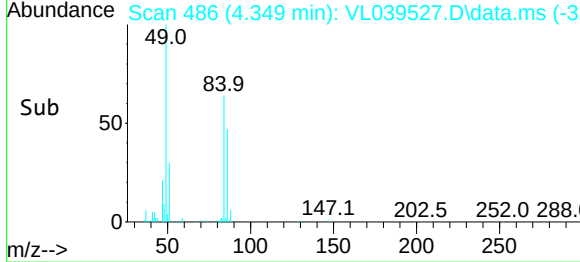
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 71459
Ion Ratio Lower Upper
84 100
49 156.3 123.1 184.7
51 47.2 34.4 51.6
86 73.3 51.1 76.7

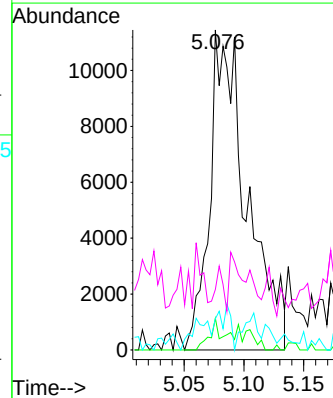
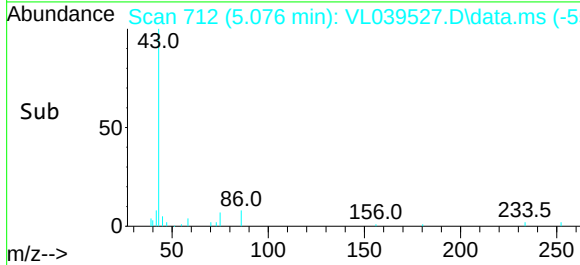
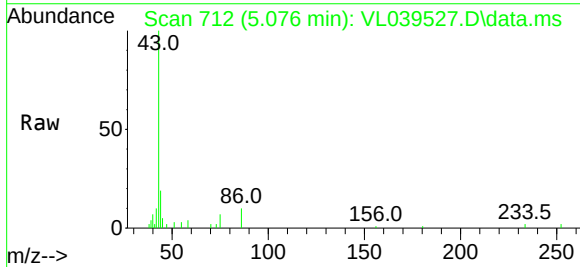
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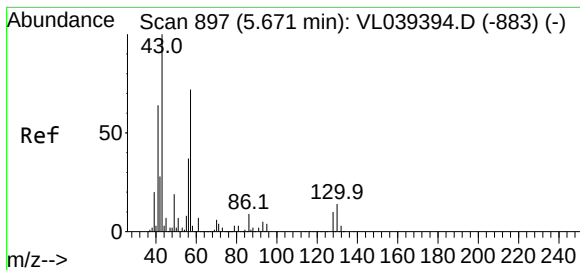
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#23
Vinyl Acetate
Concen: 0.274 ppbv m
RT: 5.076 min Scan# 712
Delta R.T. 0.019 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

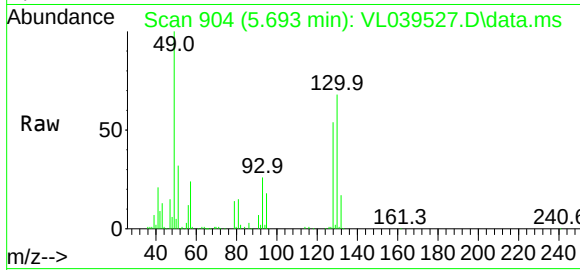
Tgt Ion: 43 Resp: 24526
Ion Ratio Lower Upper
43 100
86 9.9 5.0 7.6#
42 9.7 7.7 11.5
44 18.9 4.6 7.0#





#26
Hexane
Concen: 0.797 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.022 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

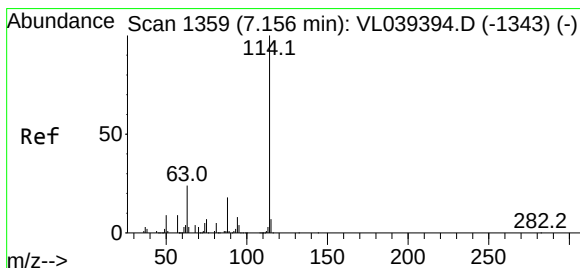
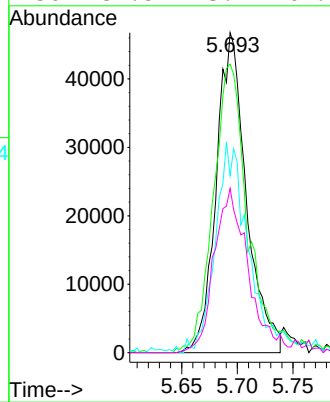
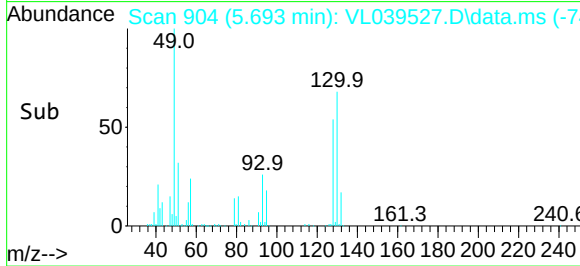
Instrument :
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ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 88225
Ion Ratio Lower Upper
57 100
41 105.5 76.9 115.3
43 75.3 191.0 286.6
56 59.8 43.2 64.8

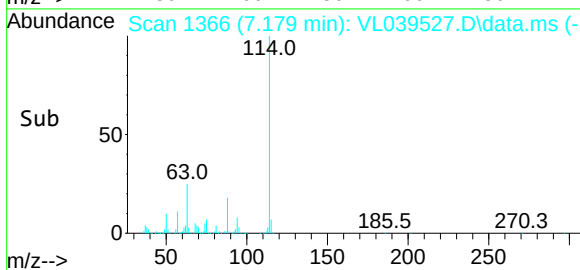
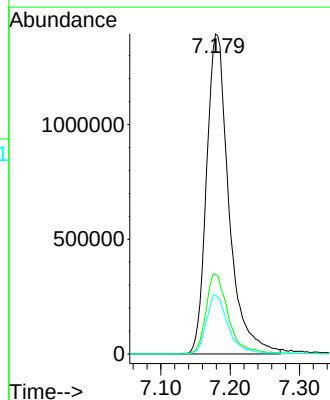
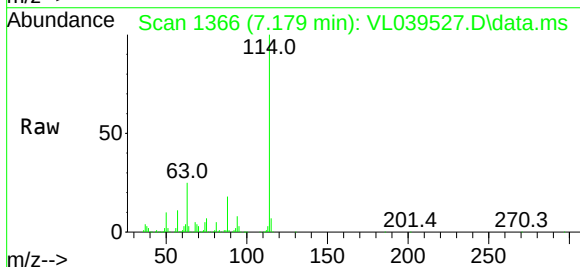
Manual Integrations
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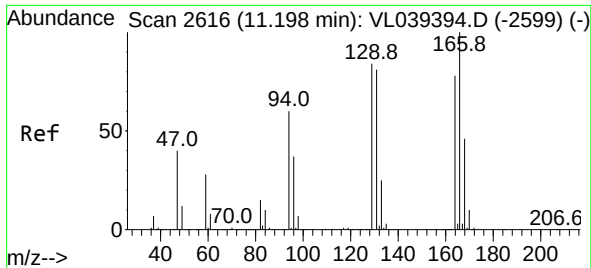
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.022 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

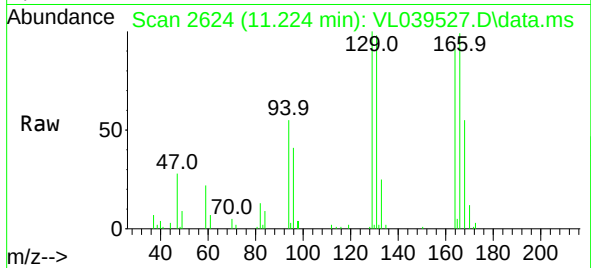
Tgt Ion:114 Resp: 3124828
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.1 14.5 21.7





#52
Tetrachloroethene
Concen: 0.309 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. 0.026 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07

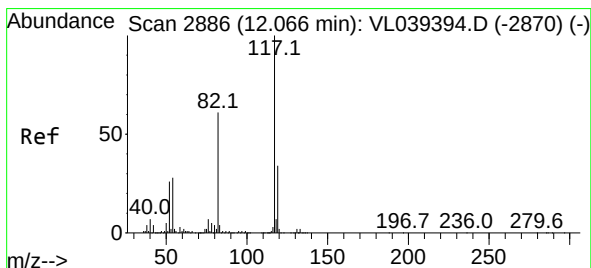
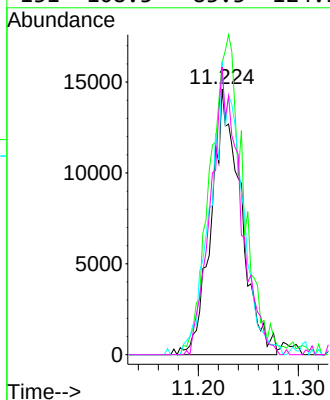
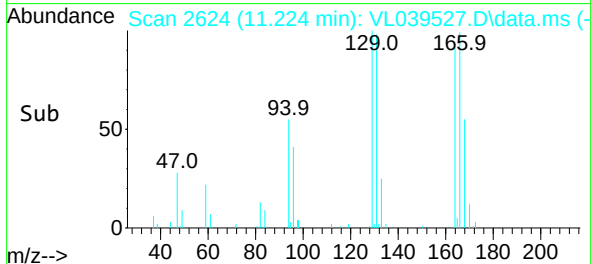
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



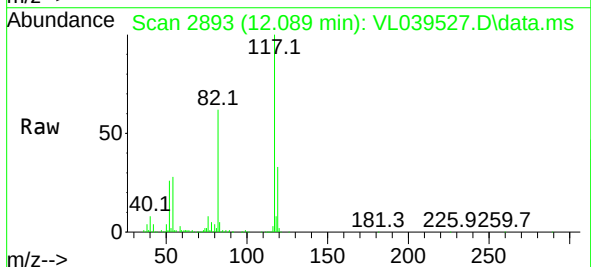
Tgt Ion:164 Resp: 30078
Ion Ratio Lower Upper
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166 109.7 102.2 153.2
129 110.3 85.8 128.8
131 108.3 83.3 124.9

Manual Integrations
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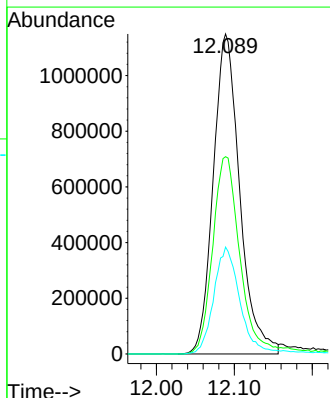
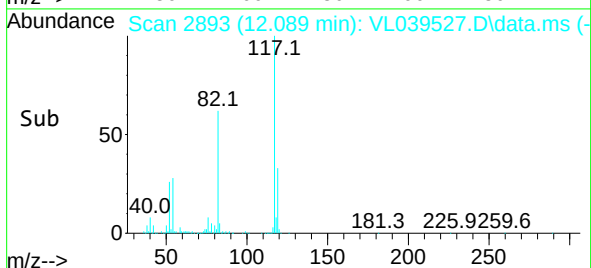
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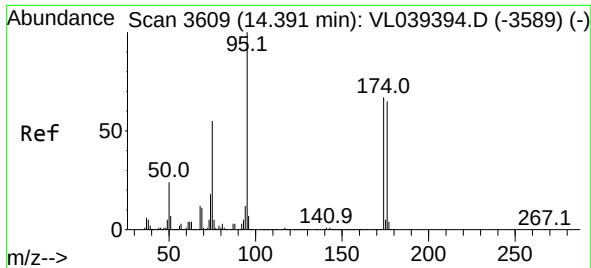


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.022 min
Lab File: VL039527.D
Acq: 25 Jul 2022 22:07



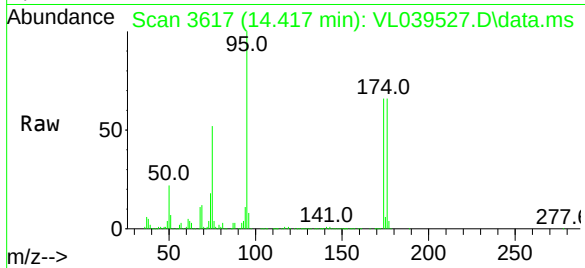
Tgt Ion:117 Resp: 2718203
Ion Ratio Lower Upper
117 100
82 65.2 50.8 76.2
119 33.9 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.202 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.026 min
 Lab File: VL039527.D
 Acq: 25 Jul 2022 22:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 2057188

Ion	Ratio	Lower	Upper
95	100		
174	71.4	55.9	83.9
175	5.4	4.2	6.4

Manual Integrations
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