

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039550.D
 Acq On : 17 Aug 2022 16:16
 Operator : SY/AP
 Sample : N4125-01 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Aug 18 05:38:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

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

Internal Standards						
1) Bromochloromethane	5.205	49	1127592	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2885891	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2611367	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1965845	10.000	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
						Qvalue
9) Propene	2.723	41	19540	0.317	ppbv	93
15) Acetone	3.504	43	119172	0.935	ppbv	92
20) Methylene Chloride	3.954	84	93726	1.807	ppbv	96
26) Hexane	5.230	57	47170	0.423	ppbv #	39
30) Cyclohexane	6.613	84	11751m	0.127	ppbv	
53) Toluene	9.230	91	53089m	0.215	ppbv	
59) m/p-Xylene	12.352	91	69639m	0.256	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	67230m	0.216	ppbv	

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

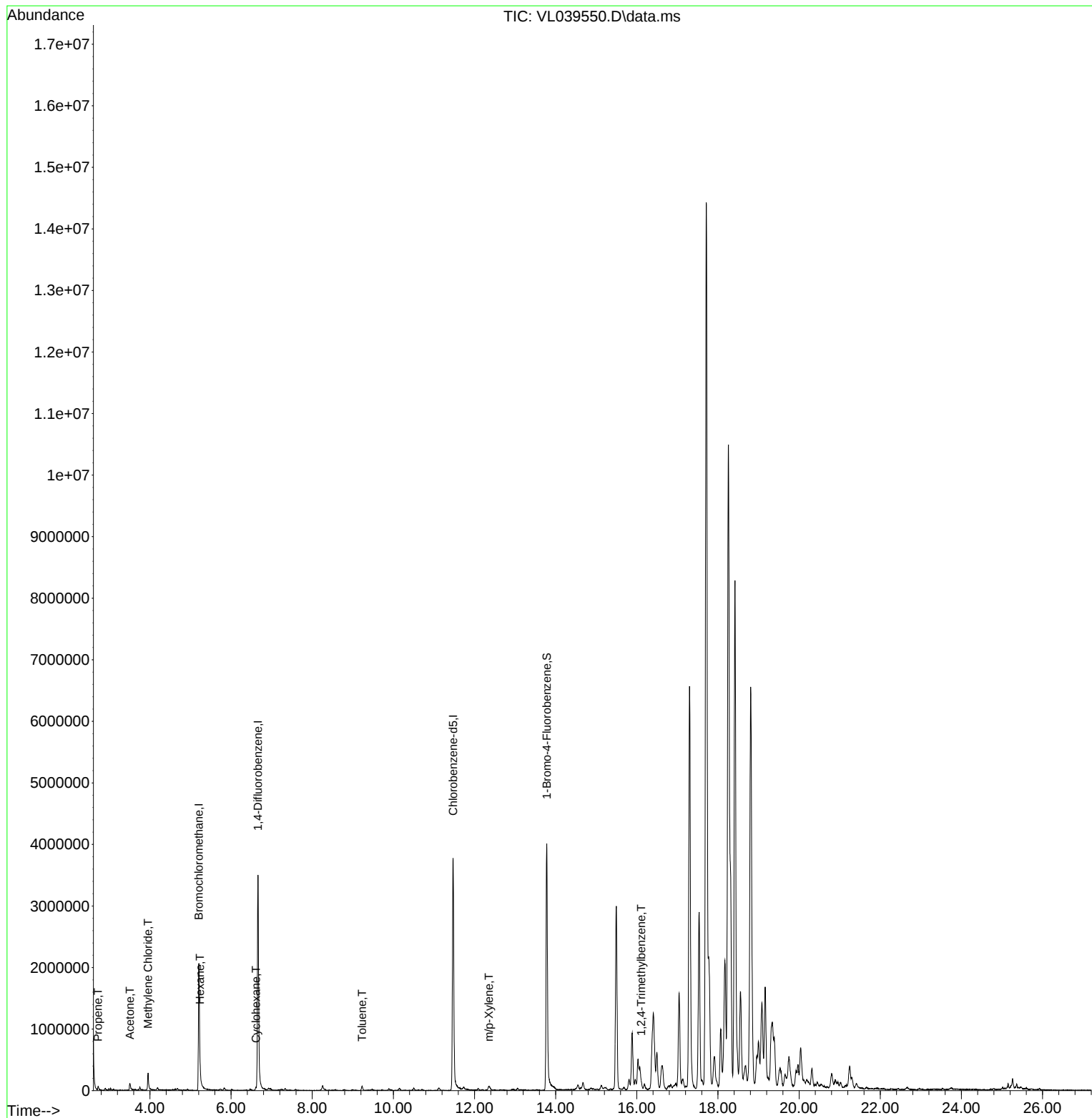
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
Data File : VL039550.D
Acq On : 17 Aug 2022 16:16
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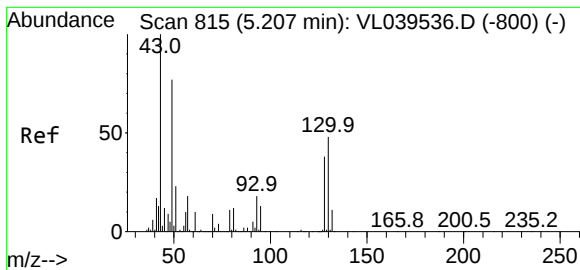
Instrument :
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ClientSampleId :
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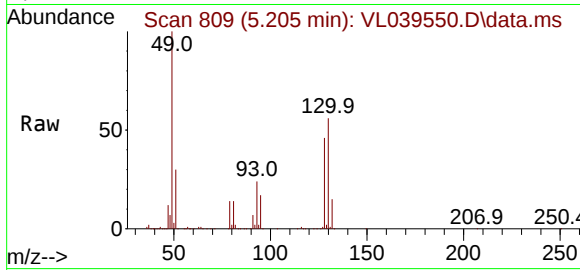
Quant Time: Aug 18 05:38:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.002 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

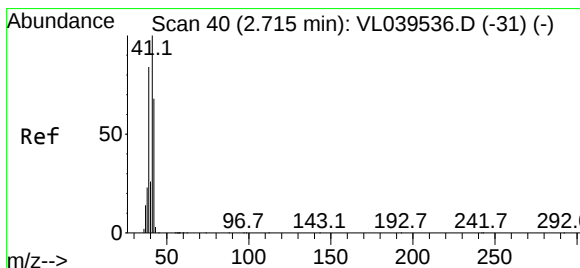
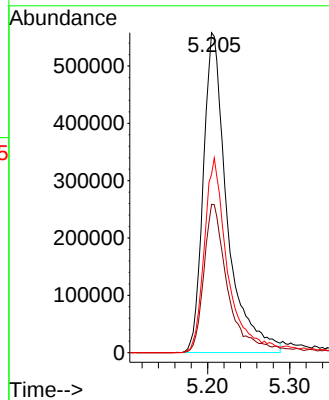
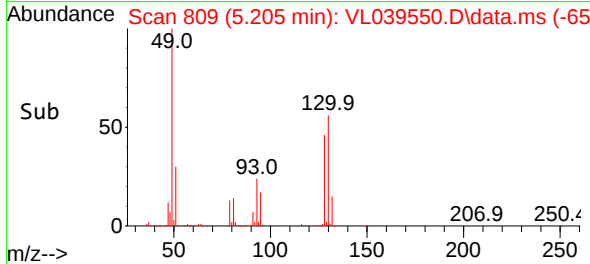
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 49 Resp: 1127592
Ion Ratio Lower Upper
49 100
128 48.9 25.7 77.0
130 63.2 31.6 95.0

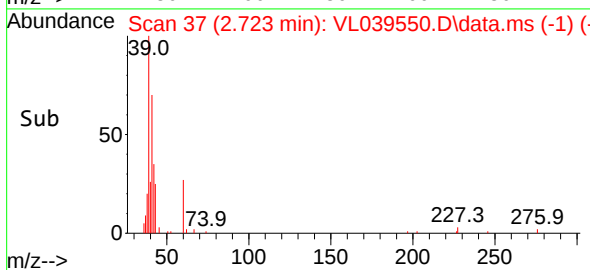
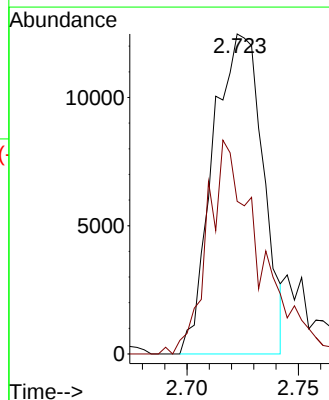
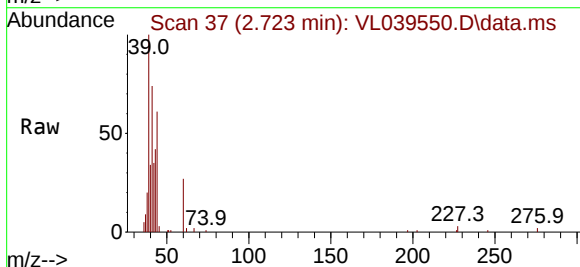
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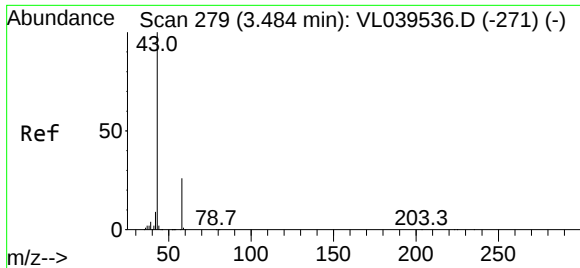
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#9
Propene
Concen: 0.317 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.007 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 41 Resp: 19540
Ion Ratio Lower Upper
41 100
42 74.8 55.4 83.0





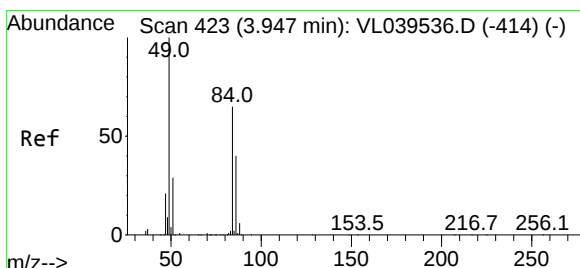
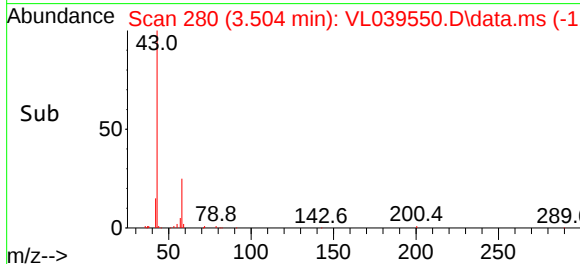
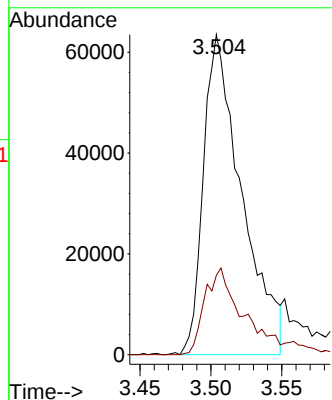
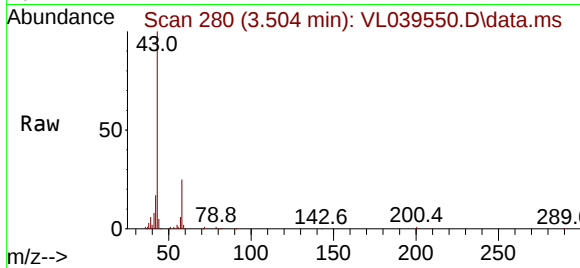
#15
Acetone
Concen: 0.935 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 119172
Ion Ratio Lower Upper
43 100
58 30.1 20.7 31.1

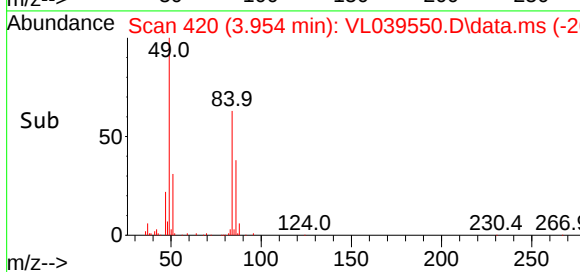
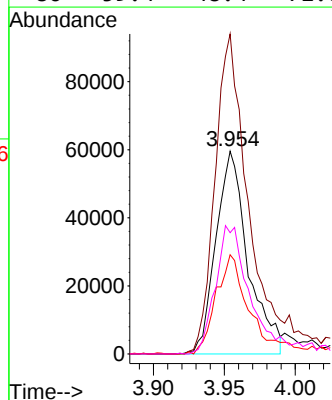
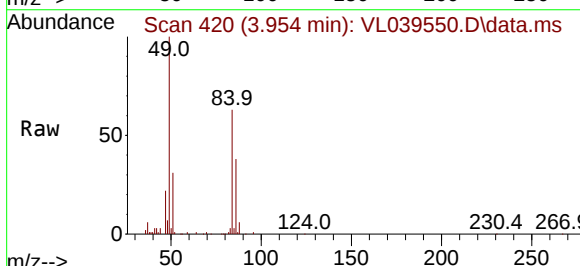
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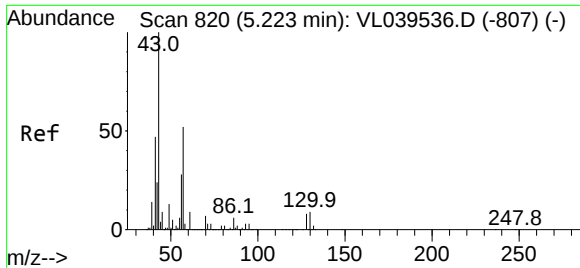
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 1.807 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

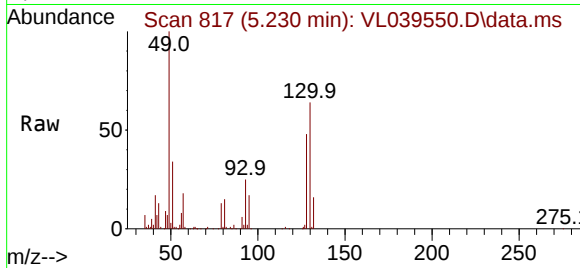
Tgt Ion: 84 Resp: 93726
Ion Ratio Lower Upper
84 100
49 157.6 122.2 183.4
51 49.0 35.8 53.6
86 59.4 48.4 72.6





#26
Hexane
Concen: 0.423 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

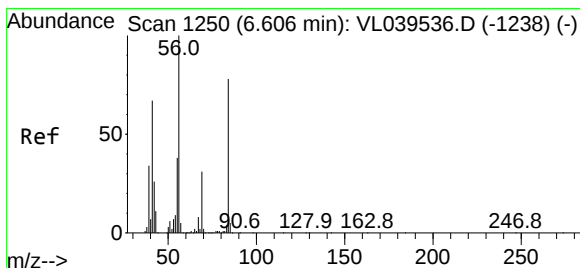
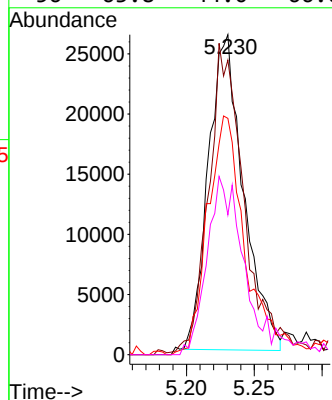
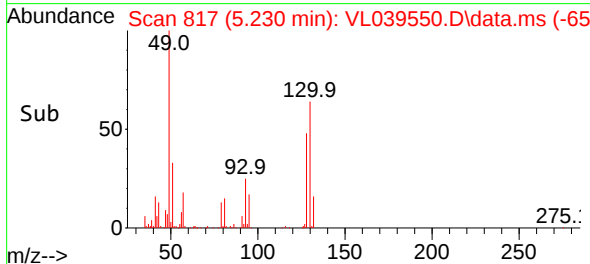
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 57 Resp: 47170
Ion Ratio Lower Upper
57 100
41 102.6 79.4 119.2
43 83.5 199.7 299.5
56 63.8 44.0 66.0

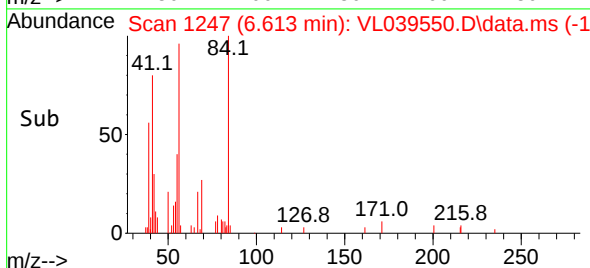
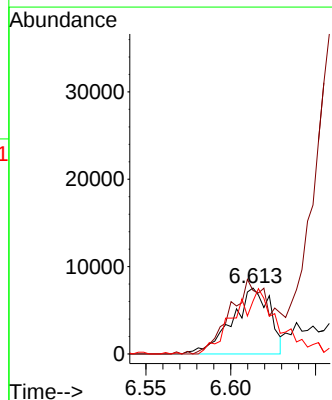
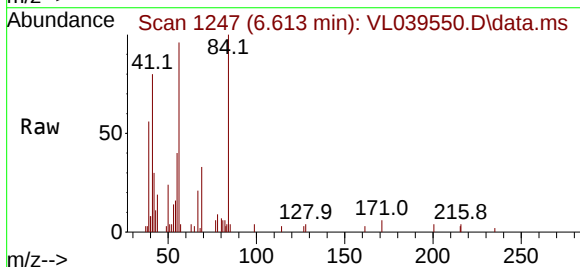
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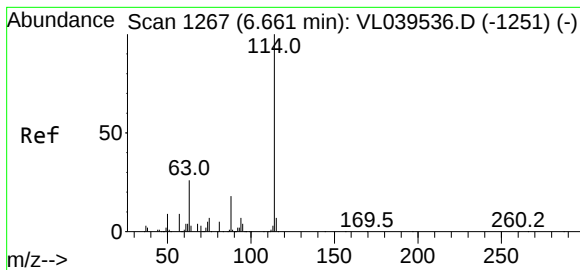
Reviewed By :Semsettin Yesilyurt 08/18/2022
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#30
Cyclohexane
Concen: 0.127 ppbv m
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

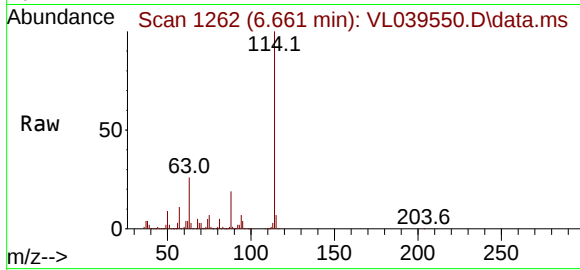
Tgt Ion: 84 Resp: 11751
Ion Ratio Lower Upper
84 100
56 126.7 0.0 0.0#
41 123.4 0.0 0.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1267
Delta R.T. 0.001 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

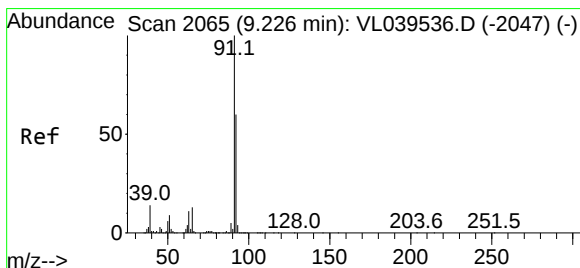
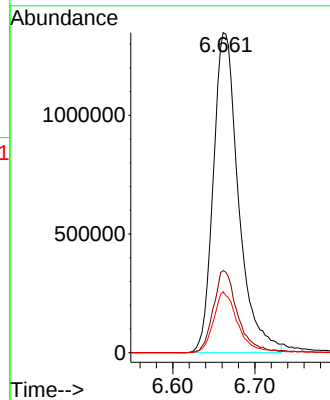
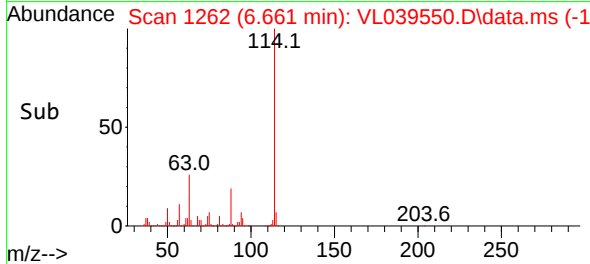
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:114 Resp: 288589
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 18.6 14.6 22.0

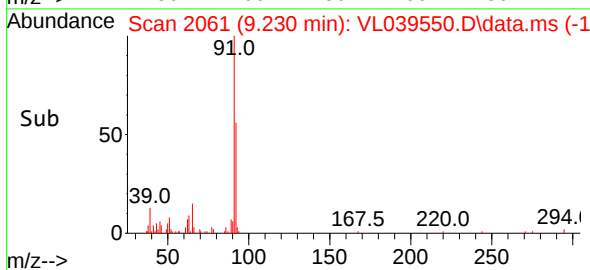
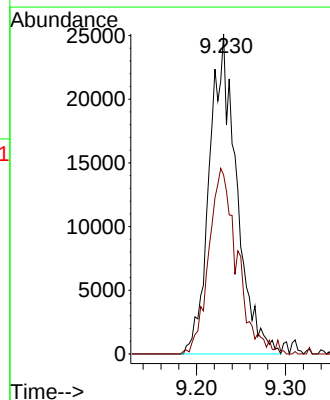
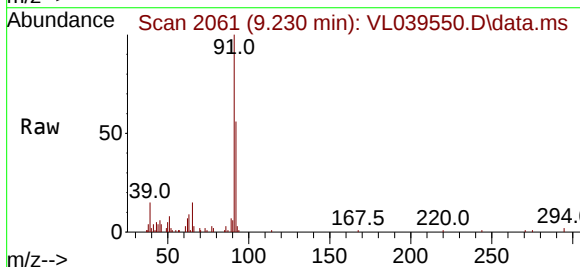
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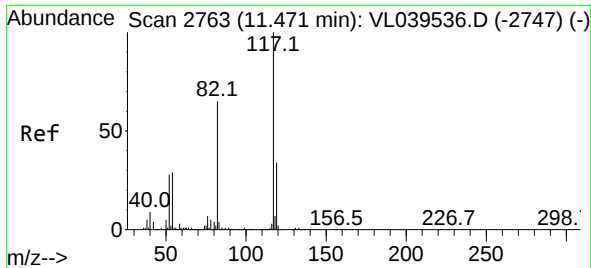
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#53
Toluene
Concen: 0.215 ppbv m
RT: 9.230 min Scan# 2061
Delta R.T. 0.004 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

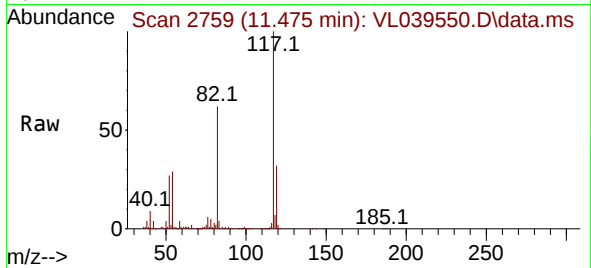
Tgt Ion: 91 Resp: 53089
Ion Ratio Lower Upper
91 100
92 61.3 47.9 71.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

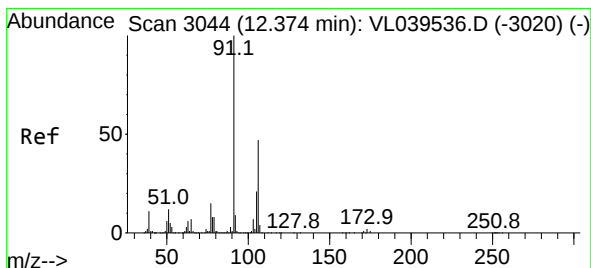
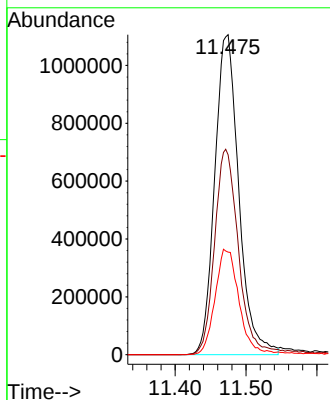
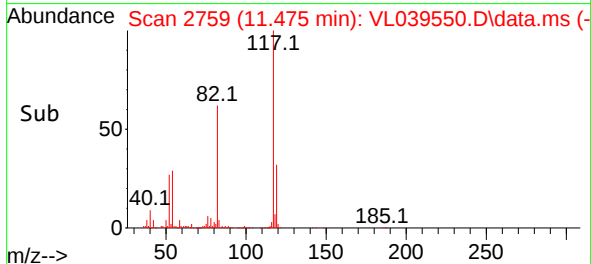
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:117 Resp: 261136
Ion Ratio Lower Upper
117 100
82 65.5 49.1 73.7
119 33.6 25.9 38.9

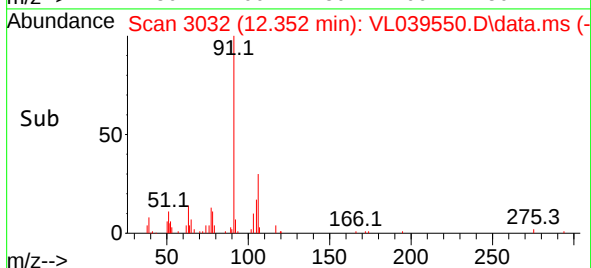
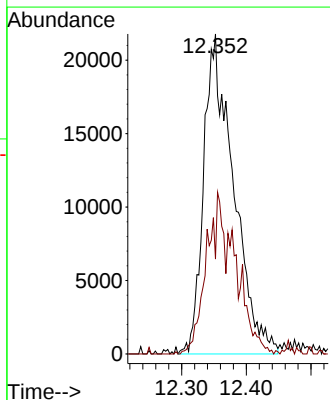
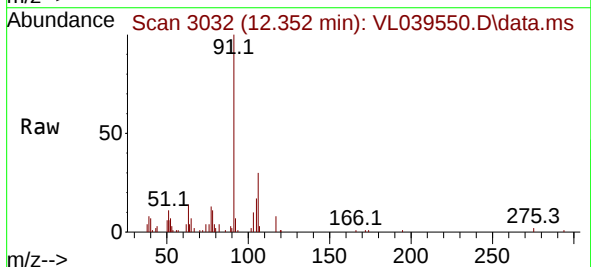
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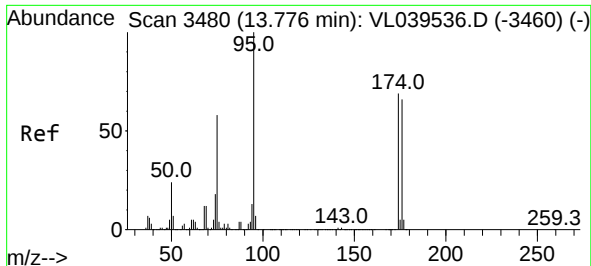
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#59
m/p-Xylene
Concen: 0.256 ppbv m
RT: 12.352 min Scan# 3032
Delta R.T. -0.022 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

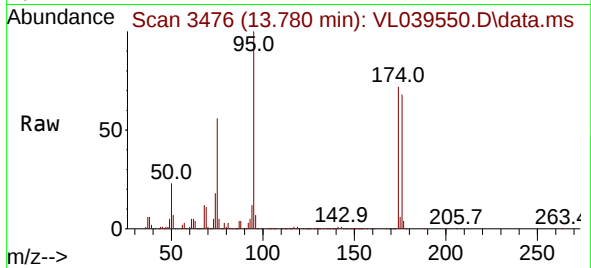
Tgt Ion: 91 Resp: 69639
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.000 ppbv
 RT: 13.780 min Scan# 3480
 Delta R.T. 0.004 min
 Lab File: VL039550.D
 Acq: 17 Aug 2022 16:16

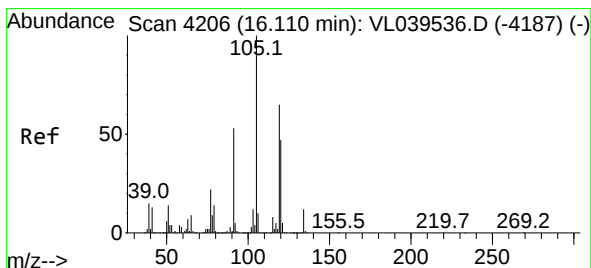
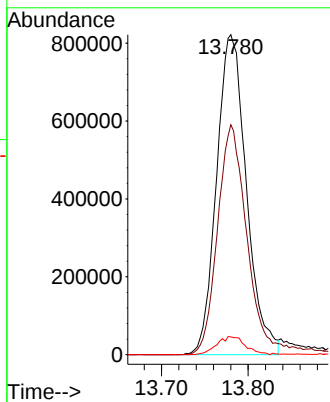
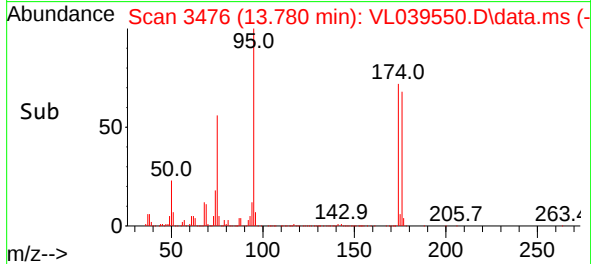
Instrument :
 MSVOA_L
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 SV1



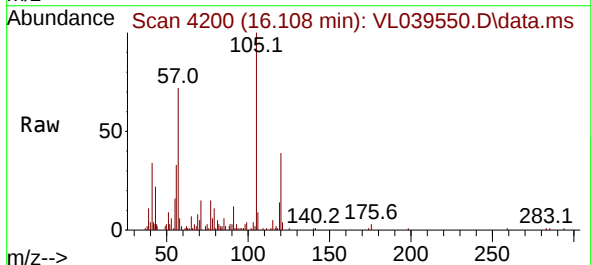
Tgt Ion: 95 Resp: 196584
 Ion Ratio Lower Upper
 95 100
 174 72.3 56.3 84.5
 175 5.7 4.3 6.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.216 ppbv m
 RT: 16.108 min Scan# 4200
 Delta R.T. -0.002 min
 Lab File: VL039550.D
 Acq: 17 Aug 2022 16:16



Tgt Ion:105 Resp: 67230
 Ion Ratio Lower Upper
 105 100
 120 39.2 37.8 56.8
 91 11.9 43.8 65.6#
 77 14.7 17.8 26.6#

