

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039729.D
 Acq On : 17 Oct 2022 21:17
 Operator : SY/AP
 Sample : N5169-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 05:29:59 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.230	49	1185279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	3085833	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2712927	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1982607	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						Qvalue
9) Propene	2.732	41	164235	2.557	ppbv	98
10) Heptane	7.613	43	24195m	0.161	ppbv	
15) Acetone	3.517	43	627848	4.760	ppbv	97
32) 1,1,1-Trichloroethane	6.037	97	7792m	0.049	ppbv	
34) 2-Butanone	4.841	43	64982	0.429	ppbv	98
36) Benzene	6.407	78	29146	0.124	ppbv #	89
52) Tetrachloroethene	10.648	164	16877m	0.188	ppbv	
53) Toluene	9.256	91	63244m	0.241	ppbv	
59) m/p-Xylene	12.375	91	73129m	0.263	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	63122m	0.203	ppbv	

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

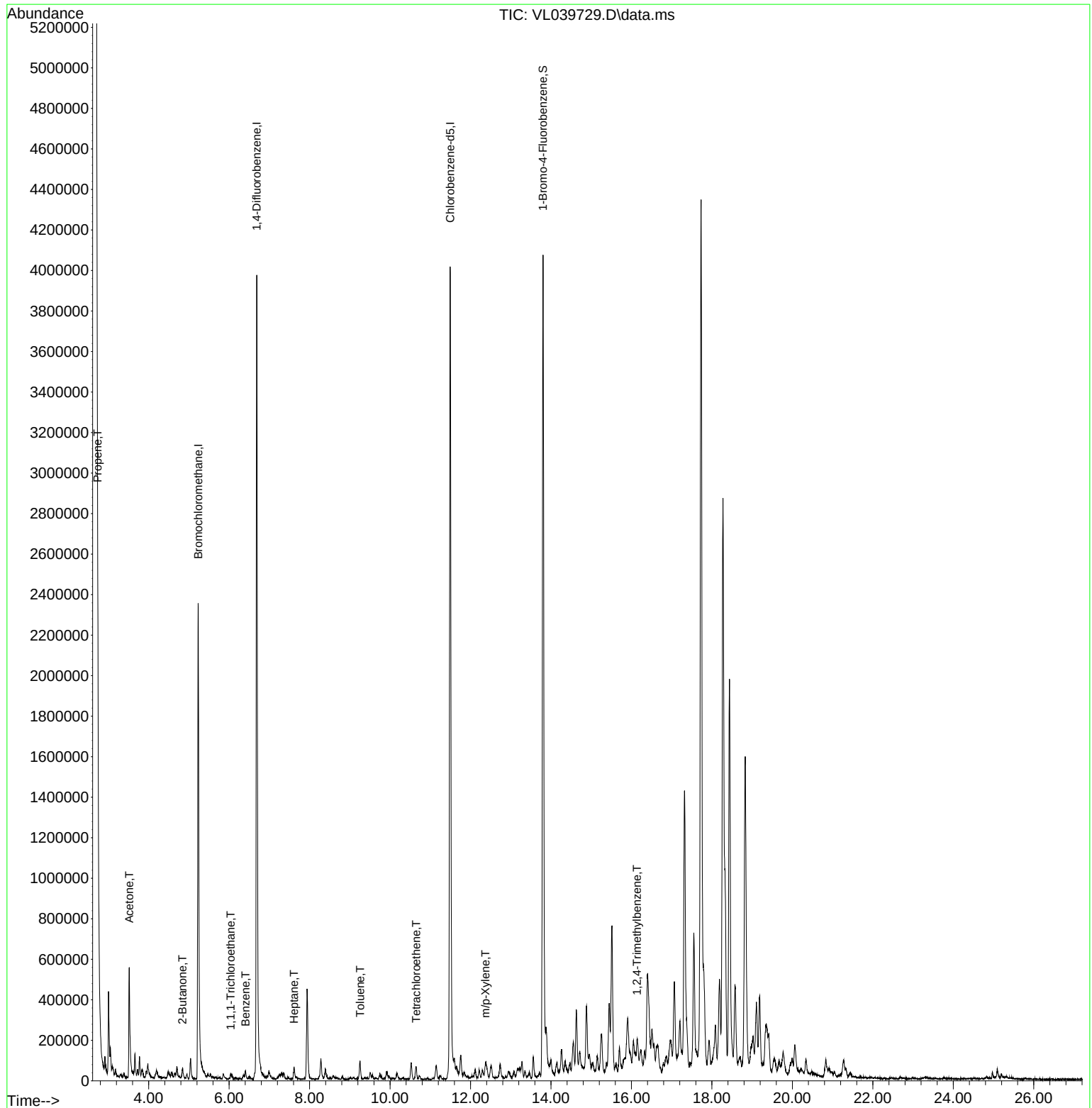
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039729.D
Acq On : 17 Oct 2022 21:17
Operator : SY/AP
Sample : N5169-02DL 20X
Misc : 400mL/MSVOA_L
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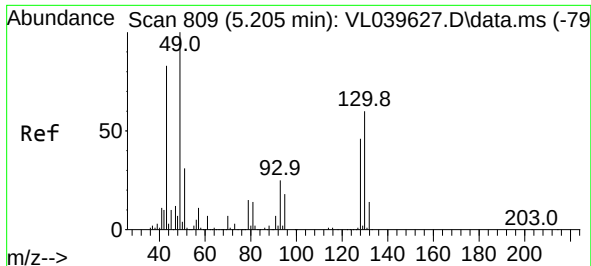
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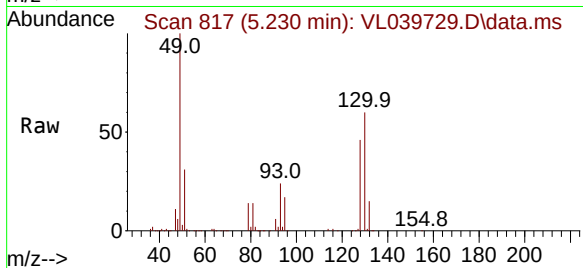
Quant Time: Oct 18 05:29:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

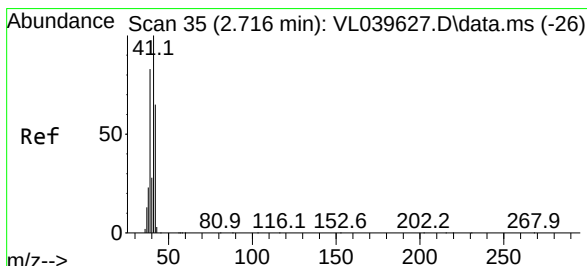
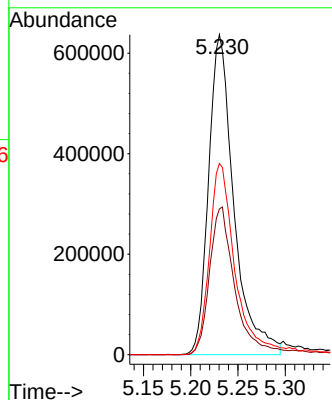
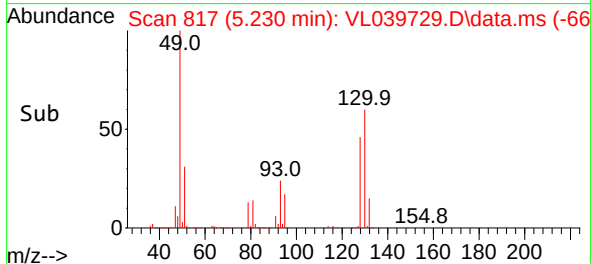
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 1185279
Ion Ratio Lower Upper
49 100
128 48.0 26.7 80.0
130 63.5 34.3 102.8

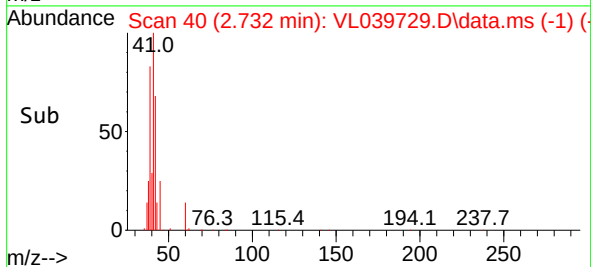
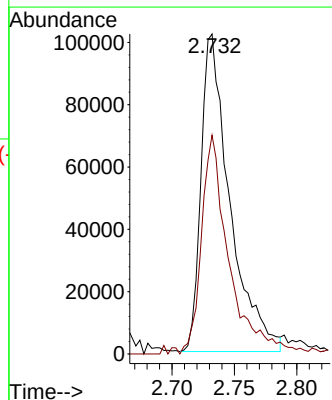
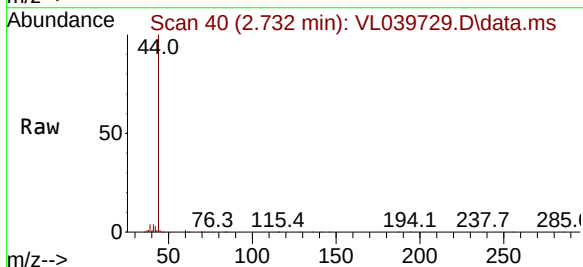
Manual Integrations
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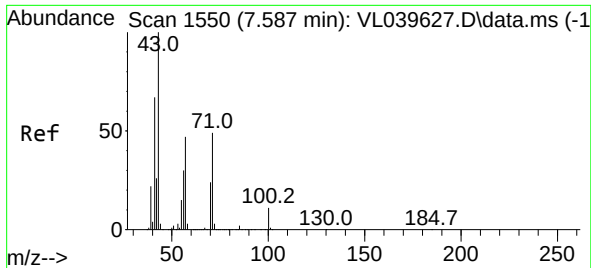
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#9
Propene
Concen: 2.557 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

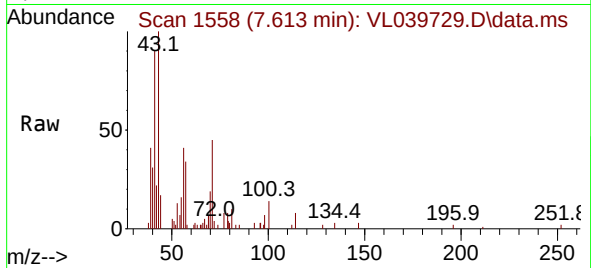
Tgt Ion: 41 Resp: 164235
Ion Ratio Lower Upper
41 100
42 67.6 55.2 82.8





#10
Heptane
Concen: 0.161 ppbv m
RT: 7.613 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

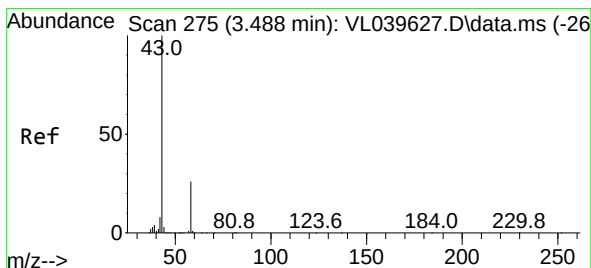
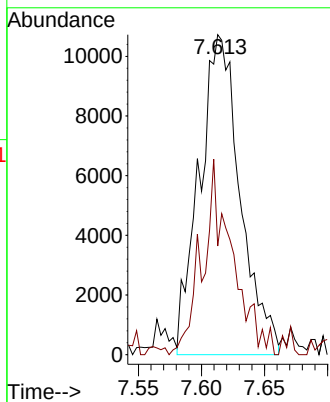
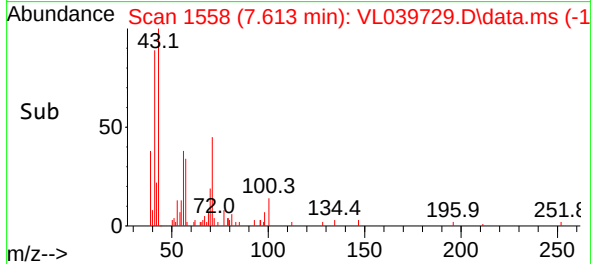
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 43 Resp: 2419
Ion Ratio Lower Upper
43 100
57 46.7 40.5 60.7

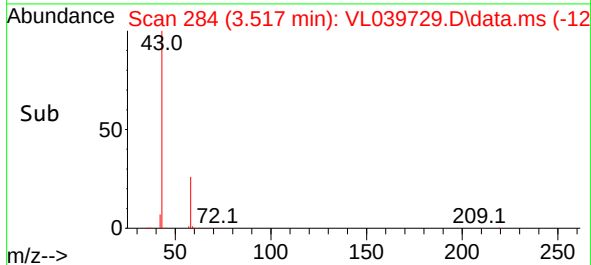
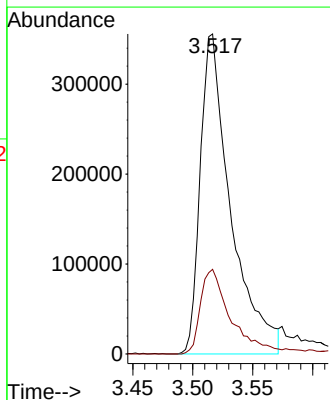
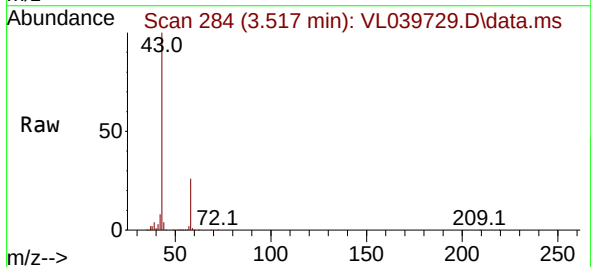
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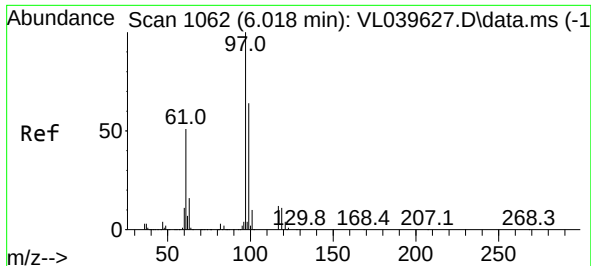
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#15
Acetone
Concen: 4.760 ppbv
RT: 3.517 min Scan# 284
Delta R.T. 0.013 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

Tgt Ion: 43 Resp: 627848
Ion Ratio Lower Upper
43 100
58 27.7 21.0 31.6





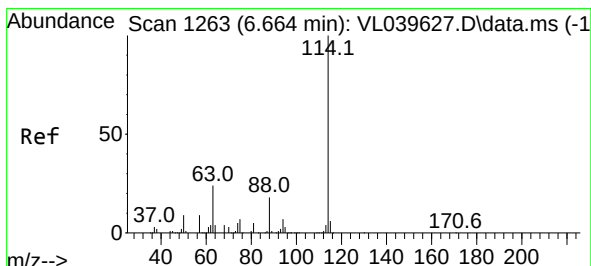
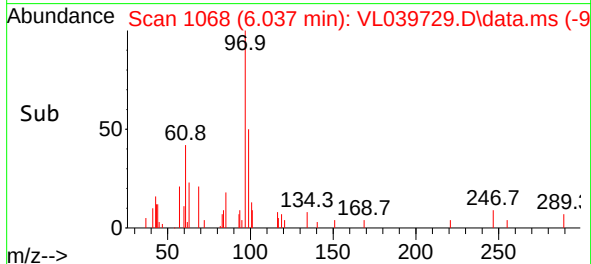
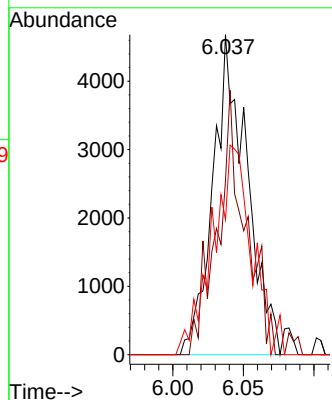
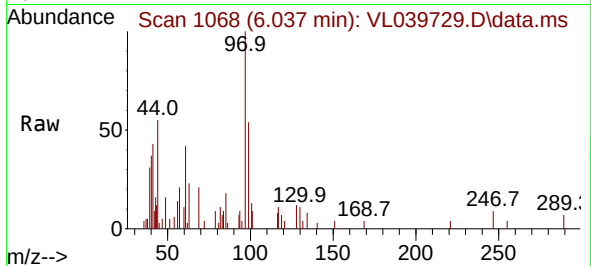
#32
1,1,1-Trichloroethane
Concen: 0.049 ppbv
RT: 6.037 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 97 Resp: 7792
Ion Ratio Lower Upper
97 100
99 68.5 52.3 78.5
61 75.6 40.9 61.3

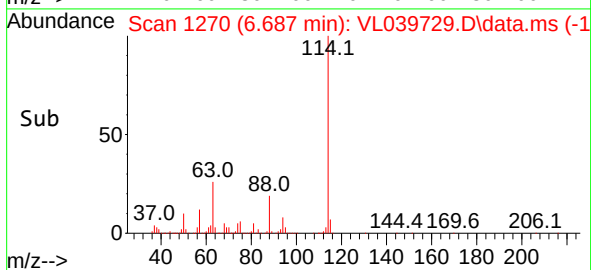
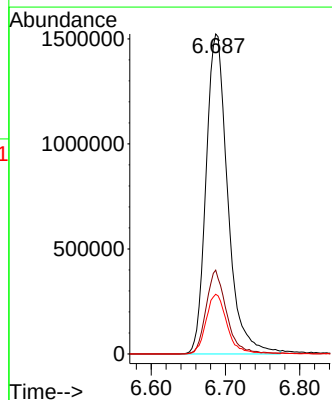
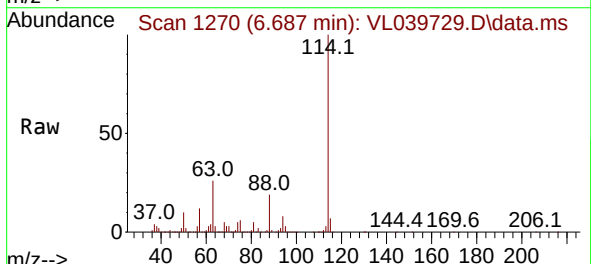
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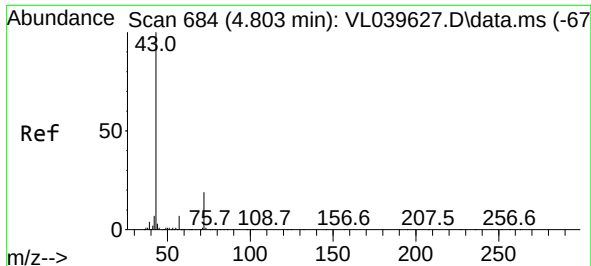
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

Tgt Ion:114 Resp: 3085833
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.4 14.5 21.7





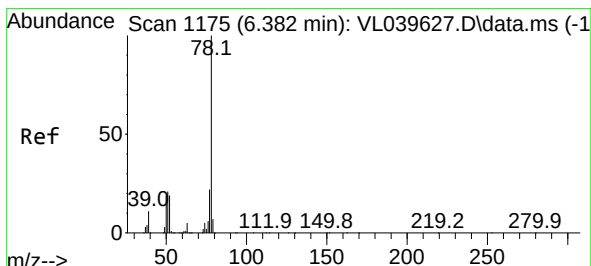
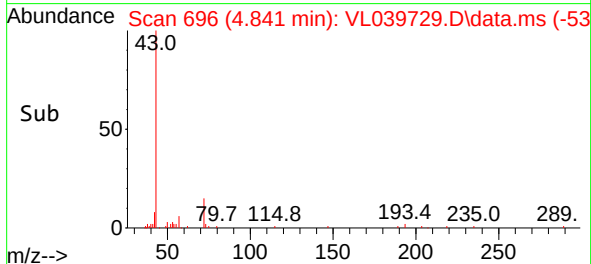
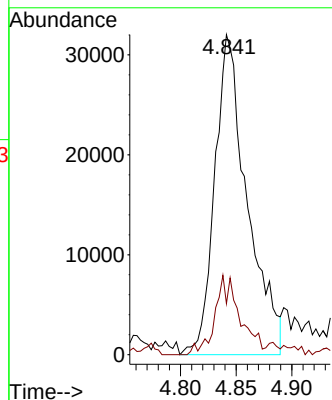
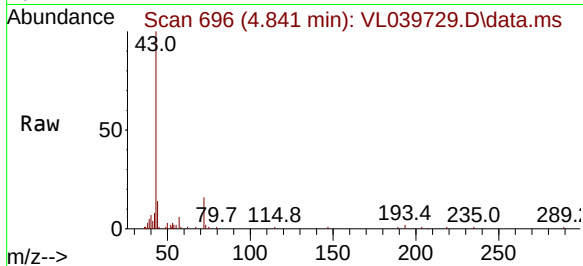
#34
2-Butanone
Concen: 0.429 ppbv
RT: 4.841 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
72 21.7 17.9 26.9

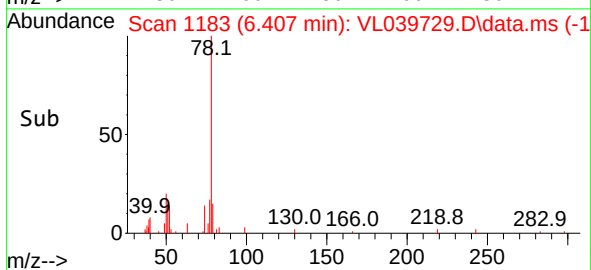
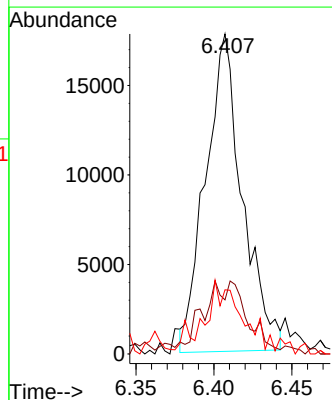
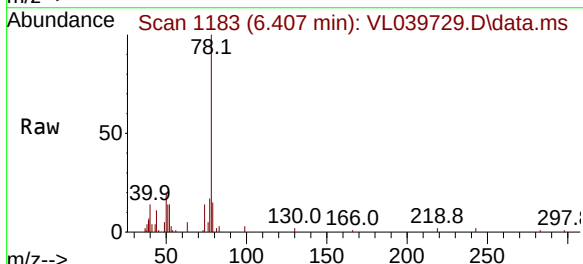
Manual Integrations
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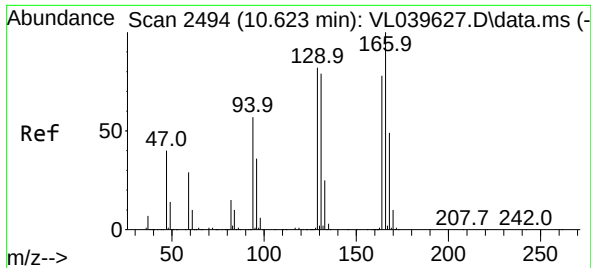
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#36
Benzene
Concen: 0.124 ppbv
RT: 6.407 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

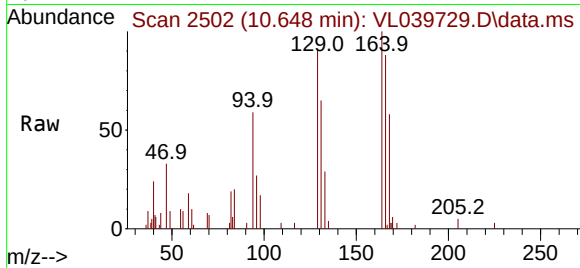
Tgt Ion: 78 Resp: 29146
Ion Ratio Lower Upper
78 100
77 16.7 20.3 30.5#
50 18.1 15.5 23.3





#52
Tetrachloroethene
Concen: 0.188 ppbv m
RT: 10.648 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

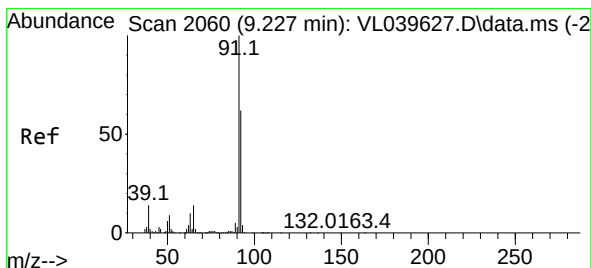
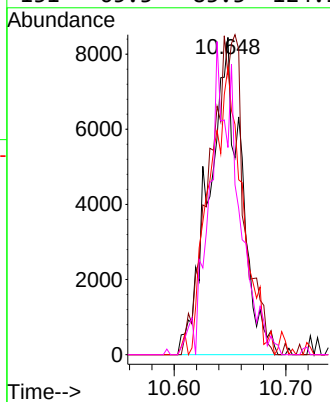
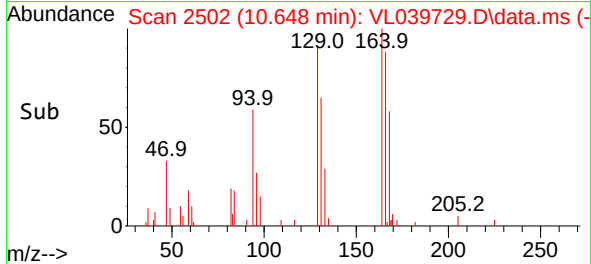
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:164 Resp: 1687
Ion Ratio Lower Upper
164 100
166 88.2 102.2 153.2
129 90.6 85.8 128.8
131 65.3 83.3 124.9#

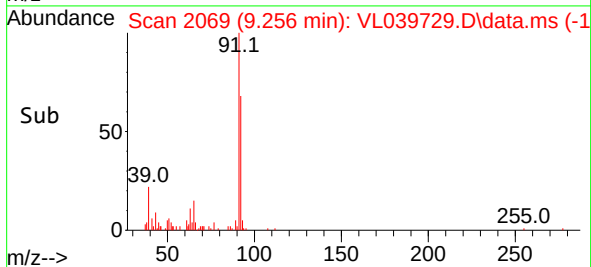
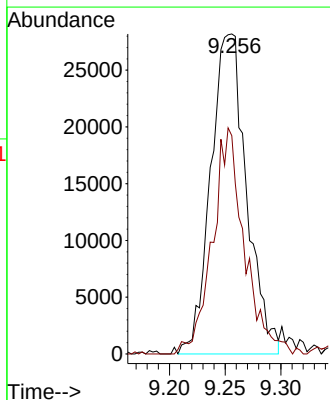
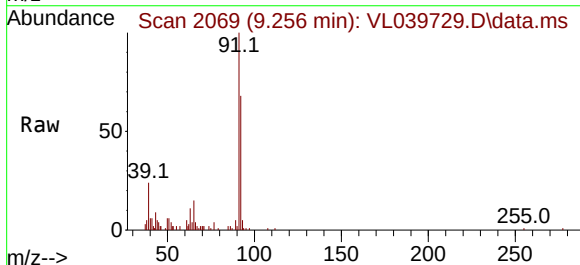
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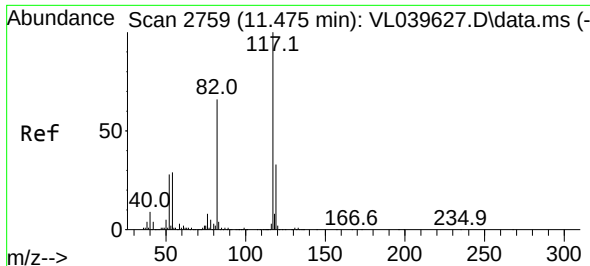
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#53
Toluene
Concen: 0.241 ppbv m
RT: 9.256 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

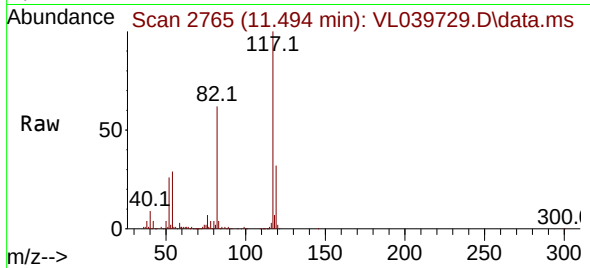
Tgt Ion: 91 Resp: 63244
Ion Ratio Lower Upper
91 100
92 63.7 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

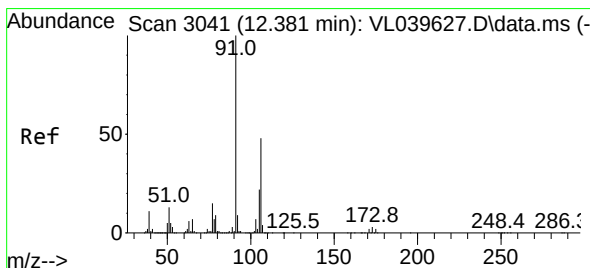
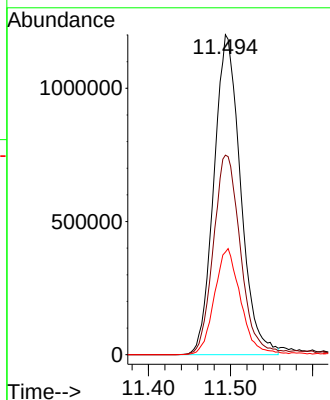
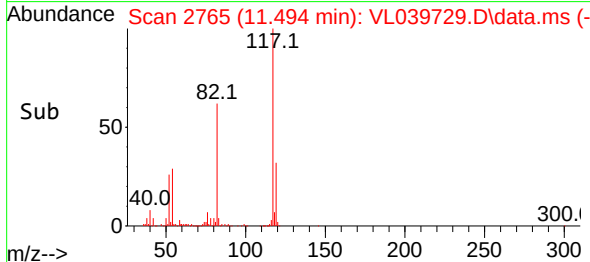
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



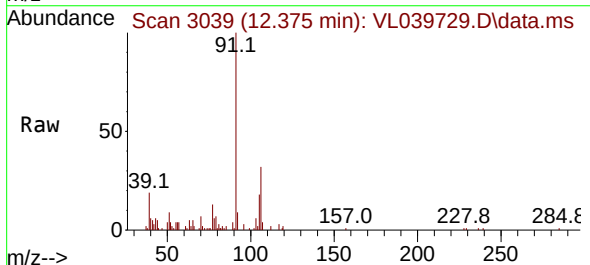
Tgt Ion:117 Resp: 271292
Ion Ratio Lower Upper
117 100
82 65.4 50.8 76.2
119 33.6 24.1 36.1

Manual Integrations
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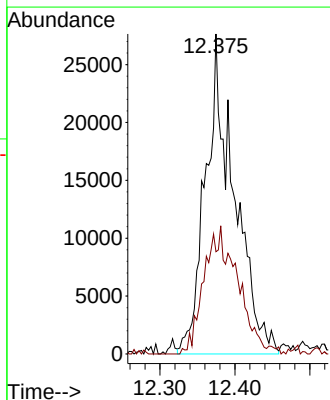
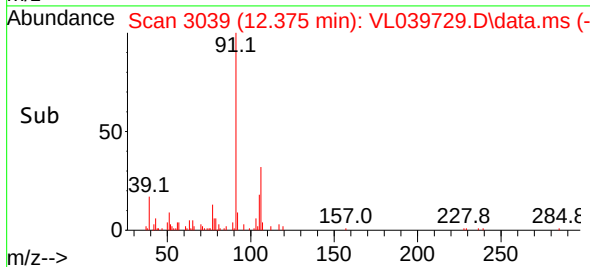
Reviewed By :Semsettin Yesilyurt 10/18/2022
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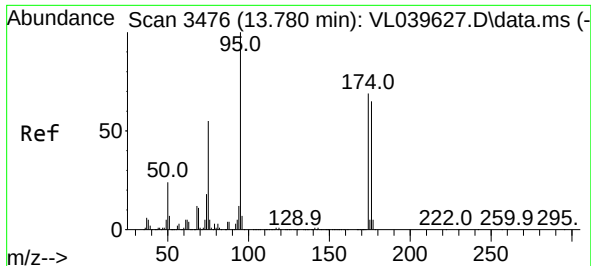


#59
m/p-Xylene
Concen: 0.263 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.026 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17



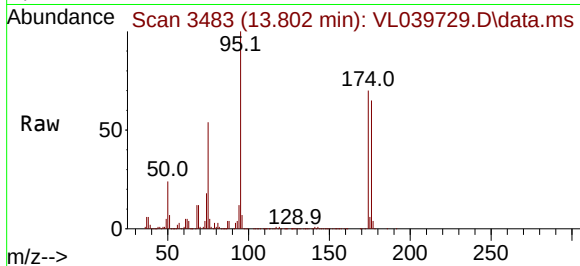
Tgt Ion: 91 Resp: 73129
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.790 ppbv
RT: 13.802 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17

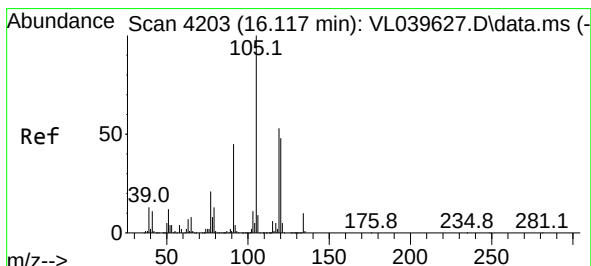
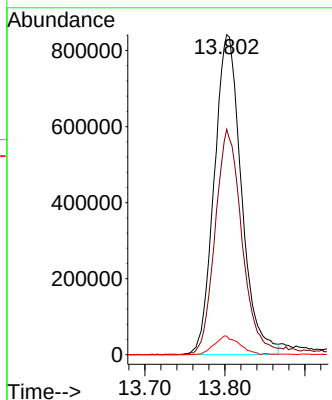
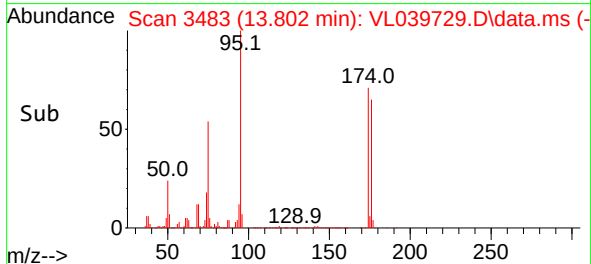
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



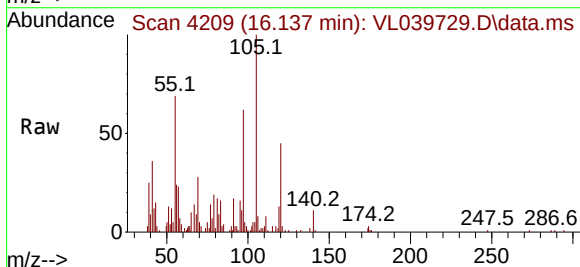
Tgt Ion: 95 Resp: 198260
Ion Ratio Lower Upper
95 100
174 71.4 55.9 83.9
175 5.5 4.2 6.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.203 ppbv m
RT: 16.137 min Scan# 4209
Delta R.T. 0.003 min
Lab File: VL039729.D
Acq: 17 Oct 2022 21:17



Tgt Ion:105 Resp: 63122
Ion Ratio Lower Upper
105 100
120 45.4 39.5 59.3
91 17.1 39.2 58.8#
77 14.3 17.2 25.8#

