

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039727.D
 Acq On : 17 Oct 2022 20:00
 Operator : SY/AP
 Sample : N5169-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 05:29:18 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 12 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	5.227	49	1099827	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2916998	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2545482	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1878216	9.884	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.292	45	3832m	0.844	ppbv	
15) Acetone	3.517	43	109581m	0.895	ppbv	
20) Methylene Chloride	3.970	84	44312	0.783	ppbv	93
26) Hexane	5.246	57	41836m	0.369	ppbv	
29) Chloroform	5.308	83	779867	4.770	ppbv	99
35) Carbon Tetrachloride	6.526	117	197543	1.276	ppbv	96
52) Tetrachloroethene	10.642	164	17374m	0.204	ppbv	
53) Toluene	9.253	91	46465m	0.187	ppbv	
59) m/p-Xylene	12.375	91	49271m	0.189	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	51292	0.176	ppbv #	63

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

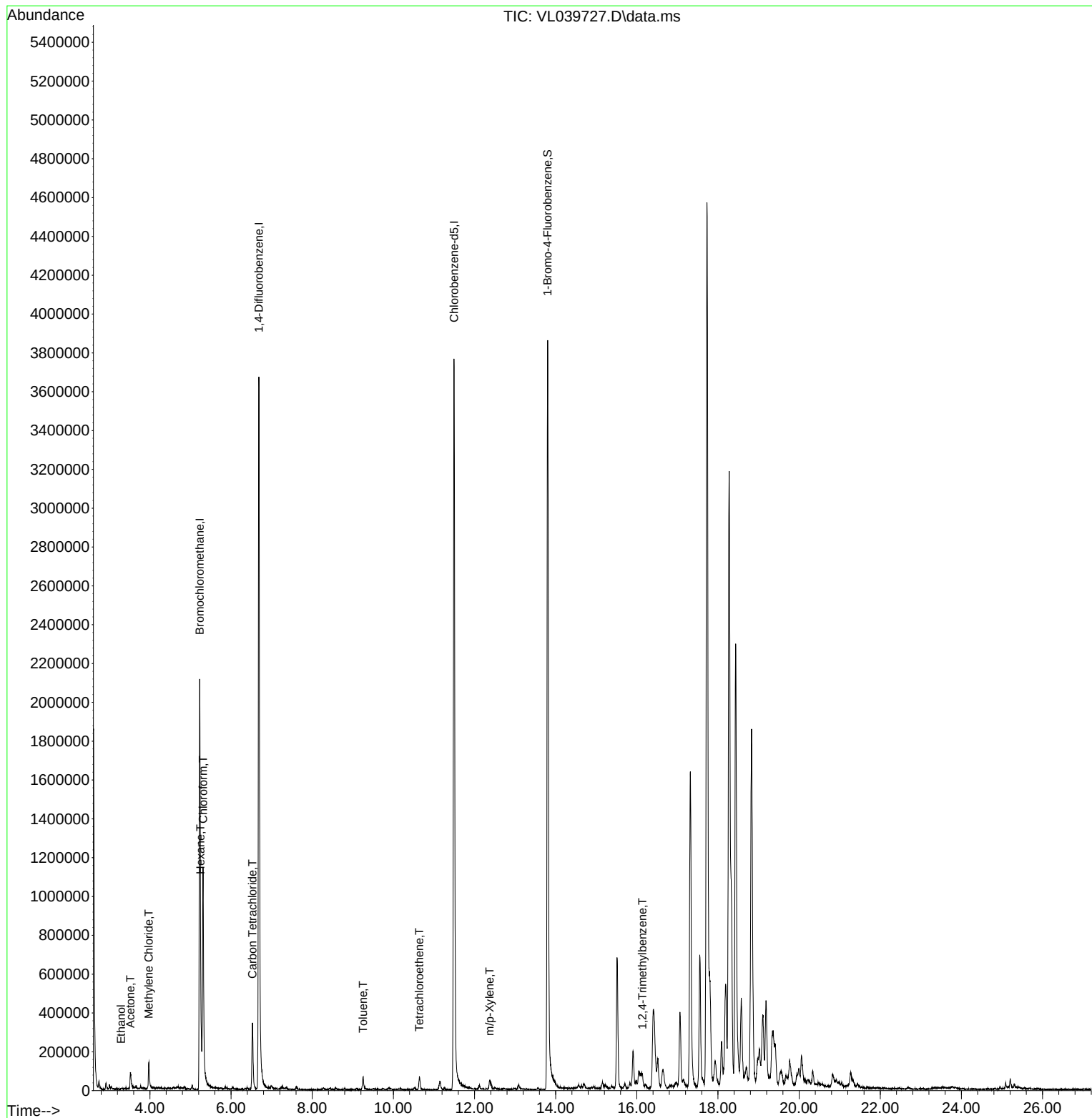
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039727.D
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Misc : 400mL/MSVOA_L
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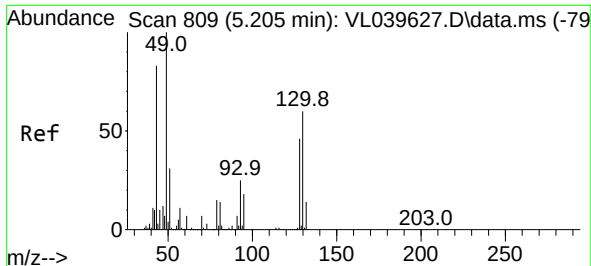
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Oct 18 05:29:18 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
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Supervised By : Mahesh Dadoda 10/19/2022





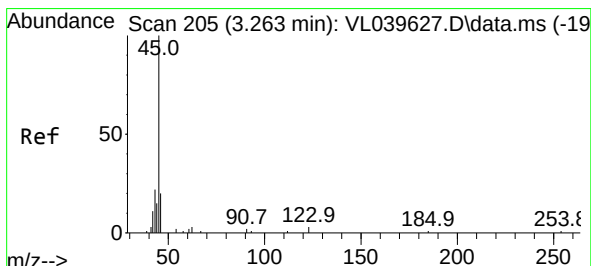
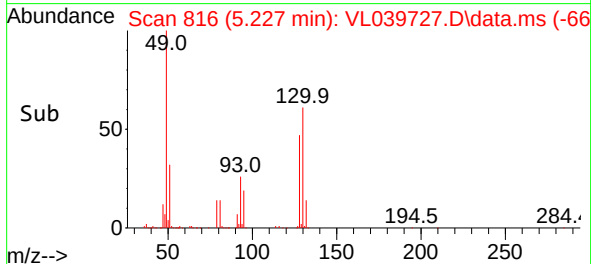
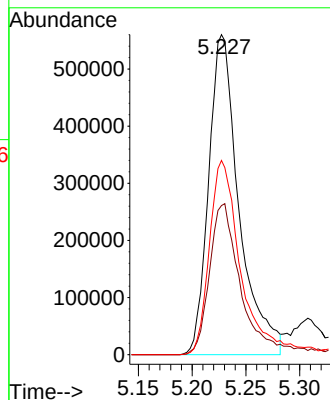
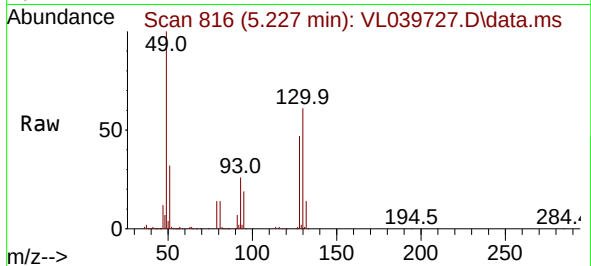
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 109982
Ion Ratio Lower Upper
49 100
128 51.4 26.7 80.0
130 66.3 34.3 102.8

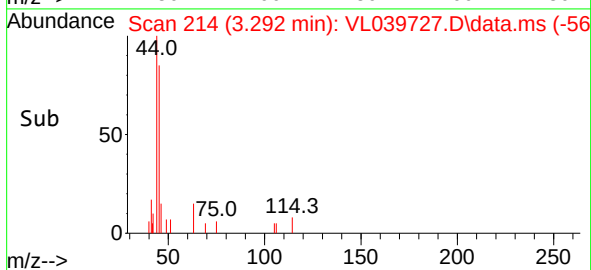
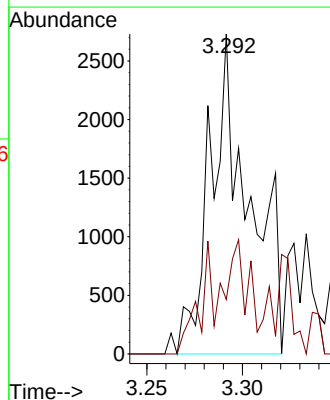
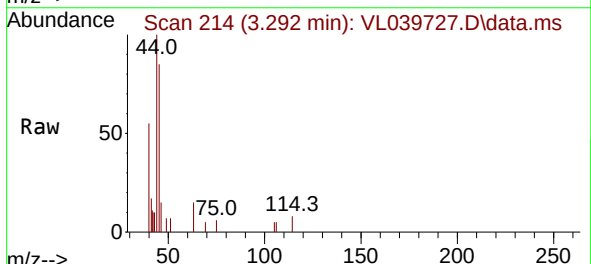
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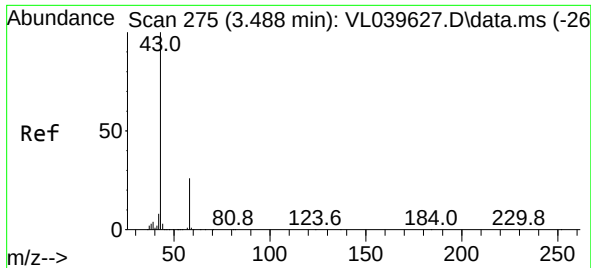
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#13
Ethanol
Concen: 0.844 ppbv m
RT: 3.292 min Scan# 214
Delta R.T. 0.010 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

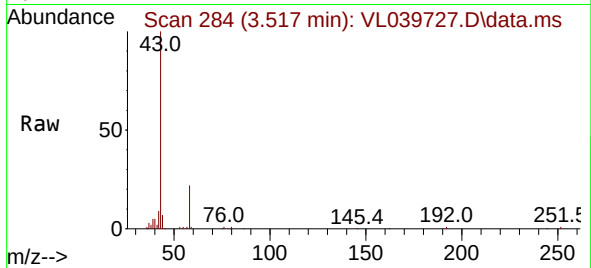
Tgt Ion: 45 Resp: 3832
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#





#15
Acetone
Concen: 0.895 ppbv m
RT: 3.517 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

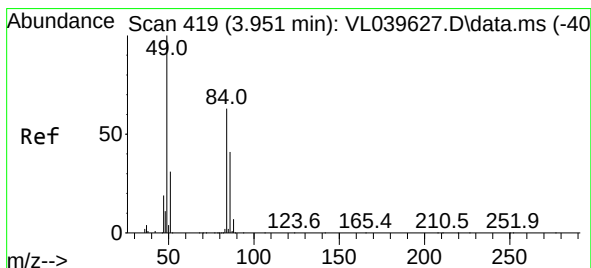
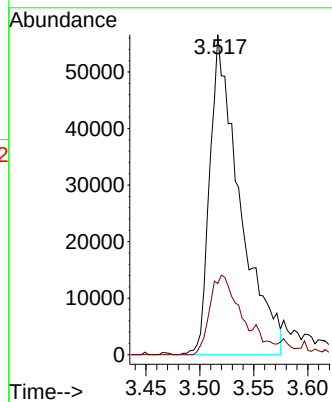
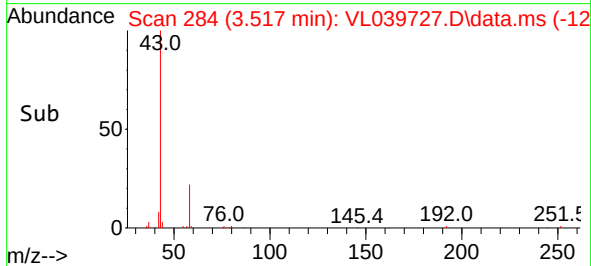
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 10958
Ion Ratio Lower Upper
43 100
58 30.5 21.0 31.6

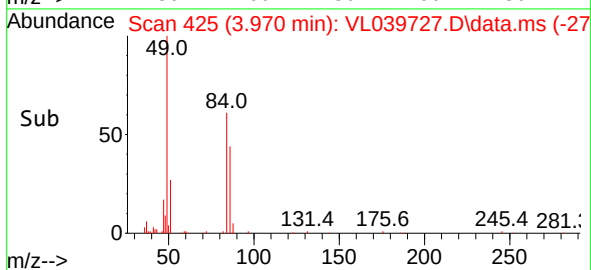
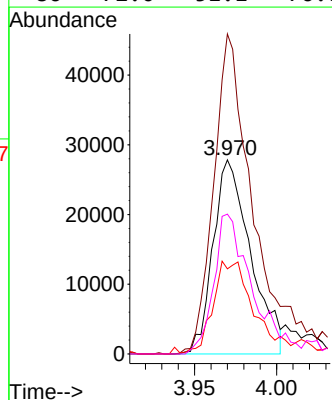
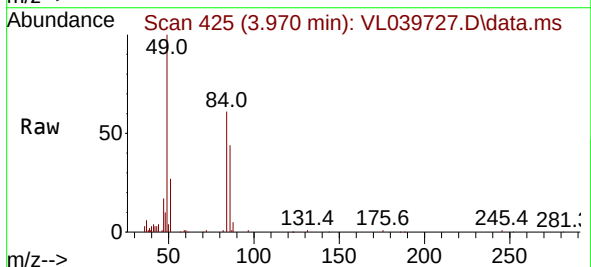
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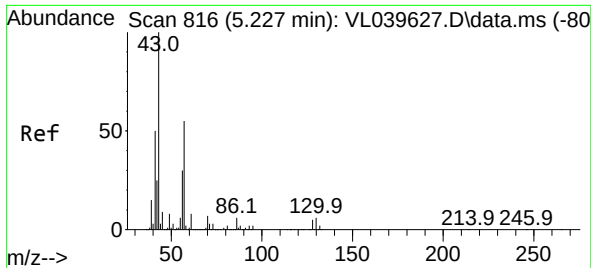
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#20
Methylene Chloride
Concen: 0.783 ppbv
RT: 3.970 min Scan# 425
Delta R.T. -0.000 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

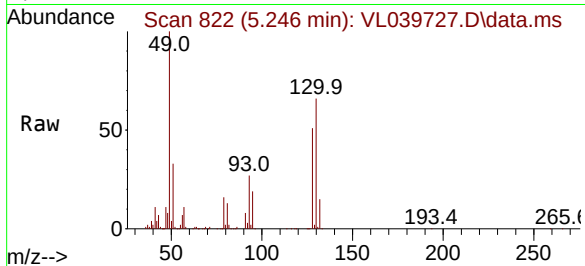
Tgt Ion: 84 Resp: 44312
Ion Ratio Lower Upper
84 100
49 164.3 123.1 184.7
51 43.3 34.4 51.6
86 72.0 51.1 76.7





#26
Hexane
Concen: 0.369 ppbv m
RT: 5.246 min Scan# 816
Delta R.T. -0.000 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

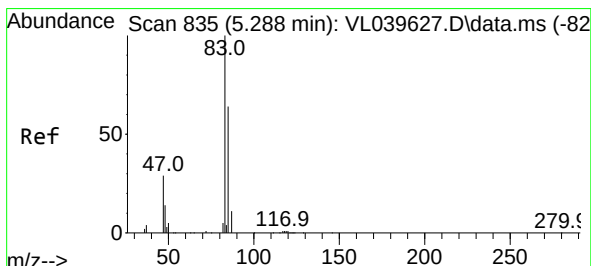
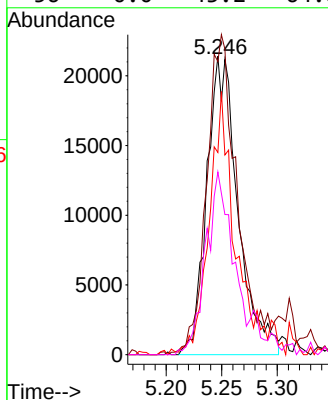
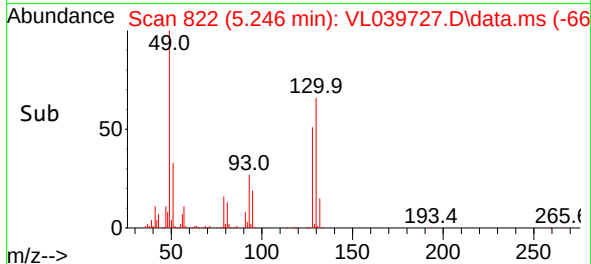
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 41830
Ion Ratio Lower Upper
57 100
41 117.5 76.9 115.3
43 77.5 191.0 286.6
56 0.0 43.2 64.8

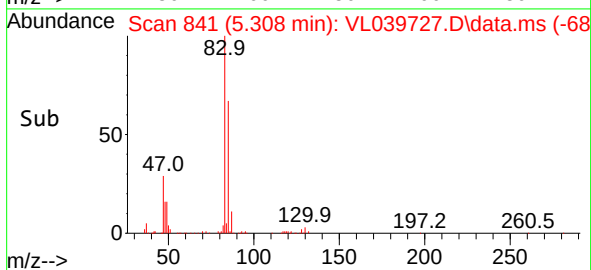
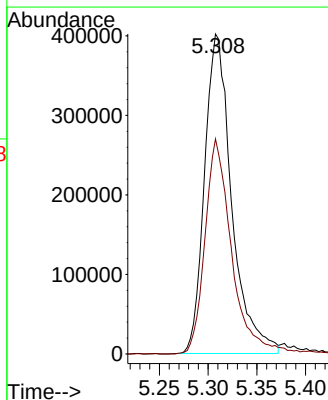
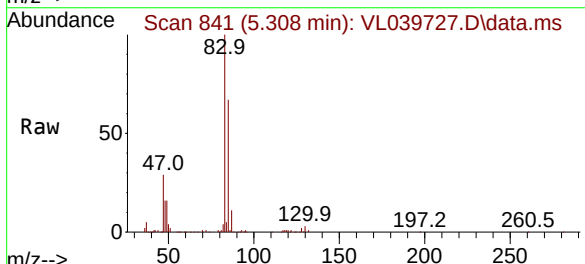
Manual Integrations
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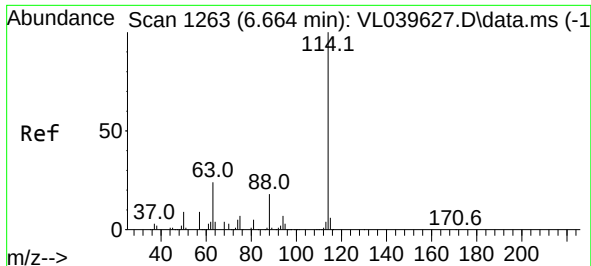
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#29
Chloroform
Concen: 4.770 ppbv
RT: 5.308 min Scan# 841
Delta R.T. -0.000 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

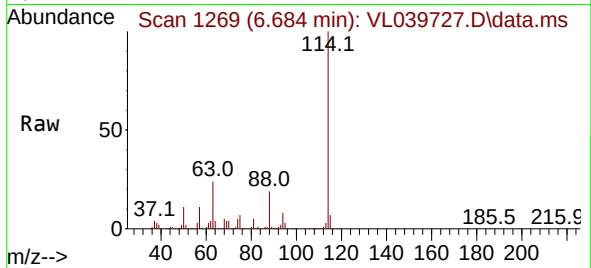
Tgt Ion: 83 Resp: 779867
Ion Ratio Lower Upper
83 100
85 67.1 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

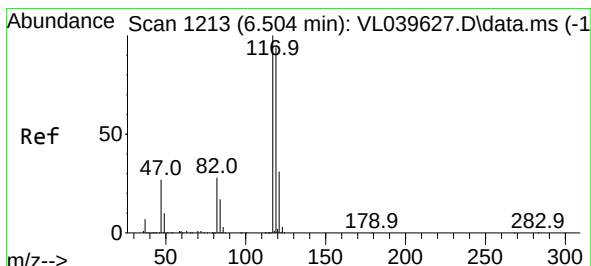
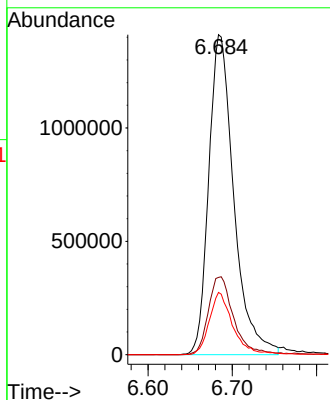
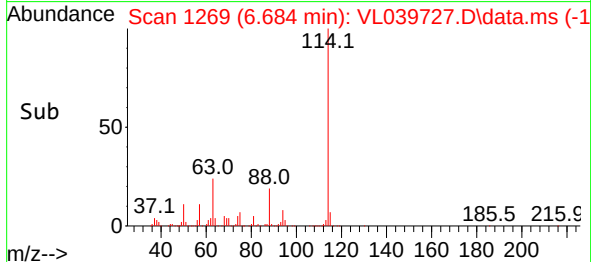
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



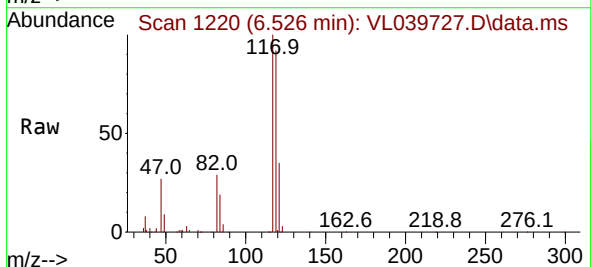
Tgt Ion:114 Resp: 2916998
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.5 14.5 21.7

Manual Integrations
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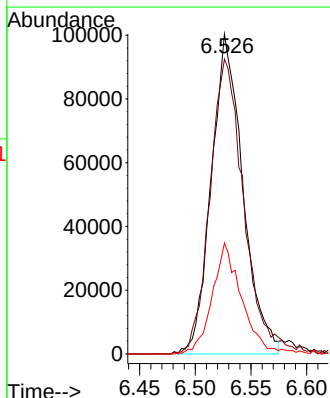
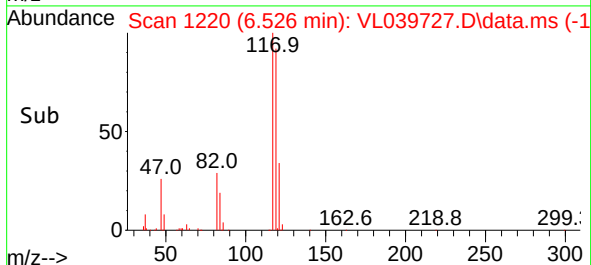
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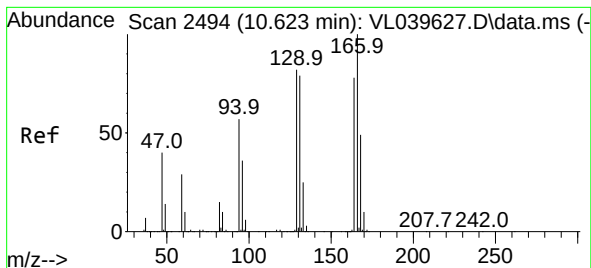


#35
Carbon Tetrachloride
Concen: 1.276 ppbv
RT: 6.526 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00



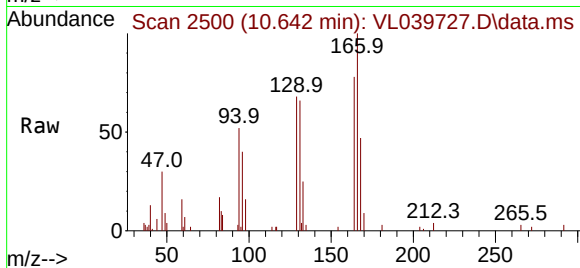
Tgt Ion:117 Resp: 197543
Ion Ratio Lower Upper
117 100
119 91.7 75.4 113.2
121 34.8 24.2 36.2





#52
Tetrachloroethene
Concen: 0.204 ppbv m
RT: 10.642 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

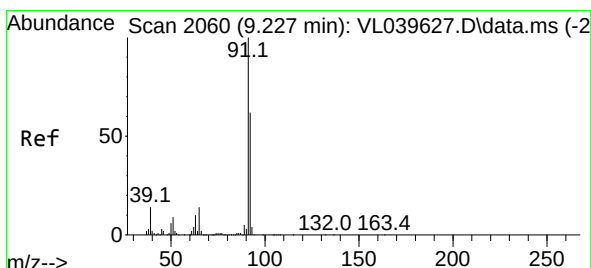
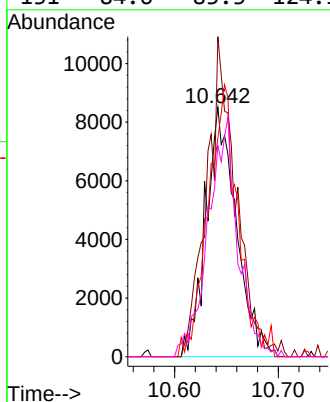
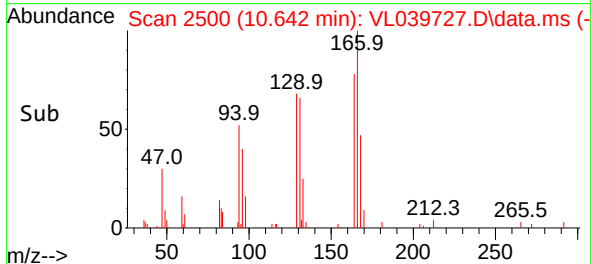
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:164 Resp: 17374
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.2
129 87.9 85.8 128.8
131 84.6 83.3 124.9

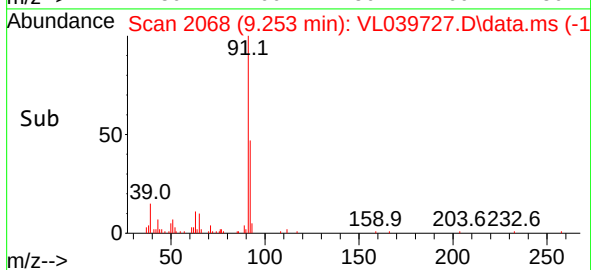
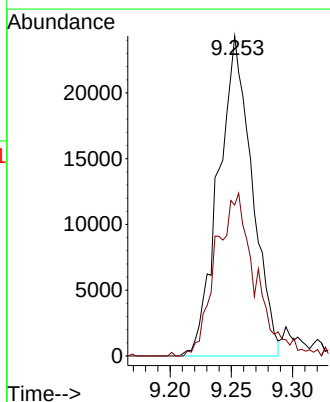
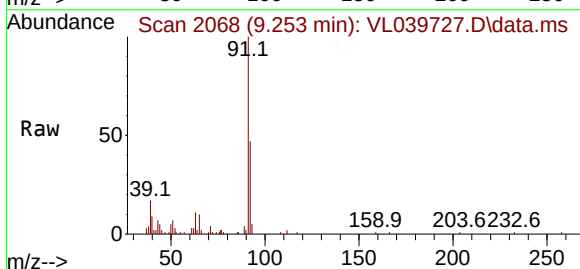
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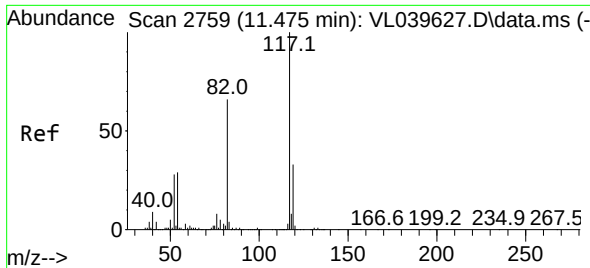
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#53
Toluene
Concen: 0.187 ppbv m
RT: 9.253 min Scan# 2068
Delta R.T. 0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

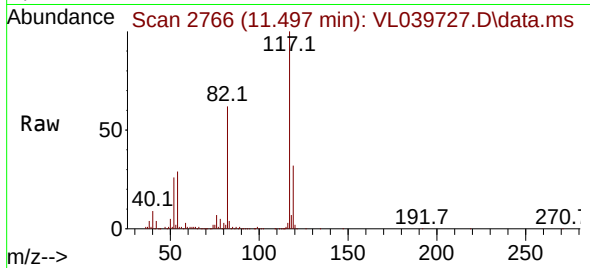
Tgt Ion: 91 Resp: 46465
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

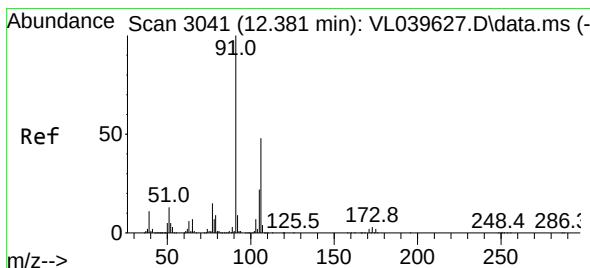
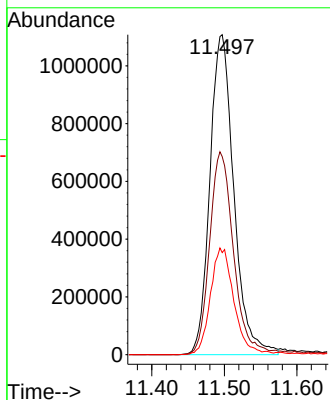
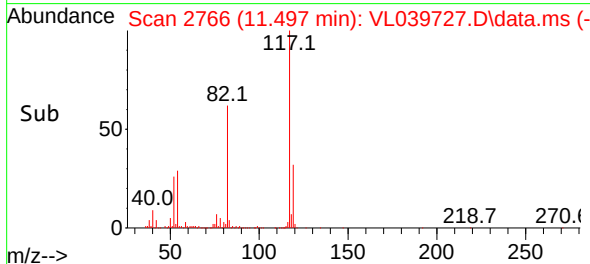
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:117 Resp: 254548
Ion Ratio Lower Upper
117 100
82 64.9 50.8 76.2
119 33.7 24.1 36.1

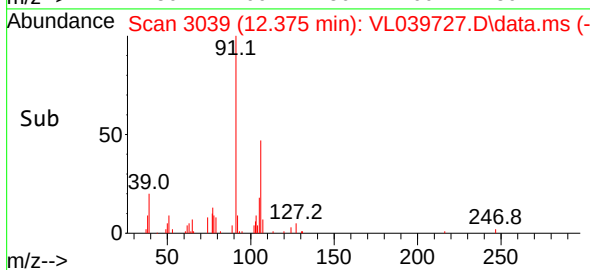
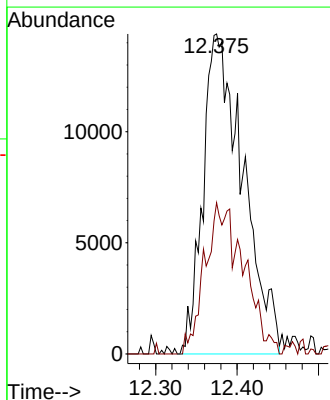
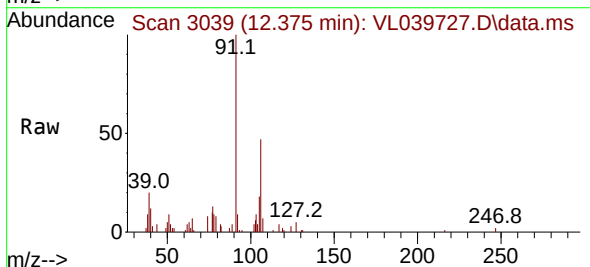
Manual Integrations
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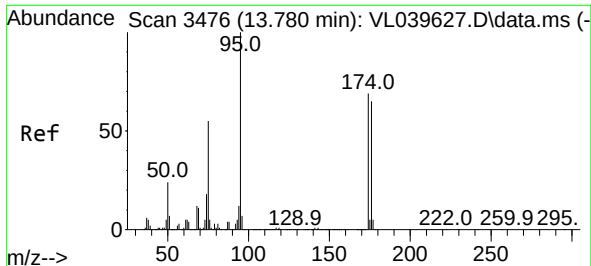
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#59
m/p-Xylene
Concen: 0.189 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.026 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

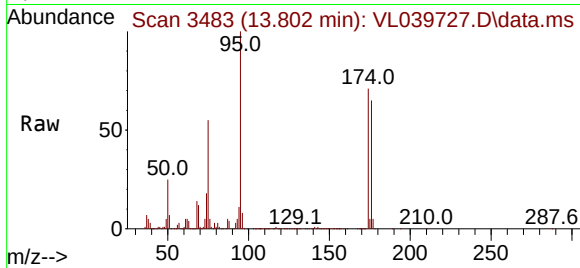
Tgt Ion: 91 Resp: 49271
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.884 ppbv
RT: 13.802 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

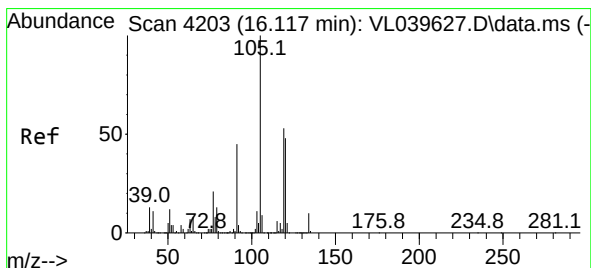
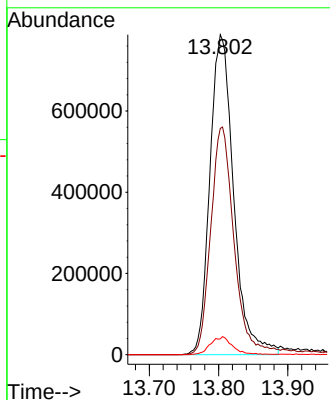
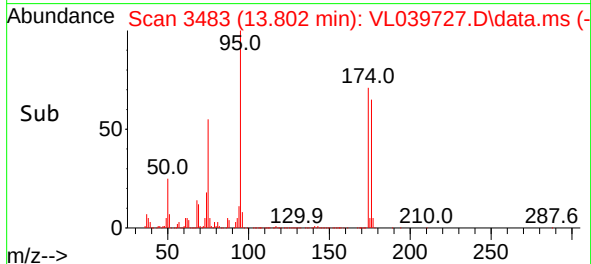
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 95 Resp: 1878210
Ion Ratio Lower Upper
95 100
174 72.6 55.9 83.9
175 5.3 4.2 6.4

Manual Integrations
APPROVED

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



#74
1,2,4-Trimethylbenzene
Concen: 0.176 ppbv
RT: 16.137 min Scan# 4209
Delta R.T. 0.003 min
Lab File: VL039727.D
Acq: 17 Oct 2022 20:00

Tgt Ion:105 Resp: 51292
Ion Ratio Lower Upper
105 100
120 35.8 39.5 59.3#
91 7.4 39.2 58.8#
77 10.4 17.2 25.8#

