

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039723.D
 Acq On : 17 Oct 2022 17:25
 Operator : SY/AP
 Sample : N5169-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 05:27:58 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	5.230	49	980628	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.690	114	2655403	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2387537	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.805	95	1705757	9.571	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
9) Propene	2.745	41	19584	0.368	ppbv	88
13) Ethanol	3.291	45	21251m	5.248	ppbv	
15) Acetone	3.520	43	87039	0.798	ppbv	93
19) Isopropyl Alcohol	3.639	45	17267m	0.310	ppbv	
52) Tetrachloroethene	10.648	164	149442	1.929	ppbv	89
53) Toluene	9.256	91	40310m	0.179	ppbv	
59) m/p-Xylene	12.365	91	43102m	0.176	ppbv	

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

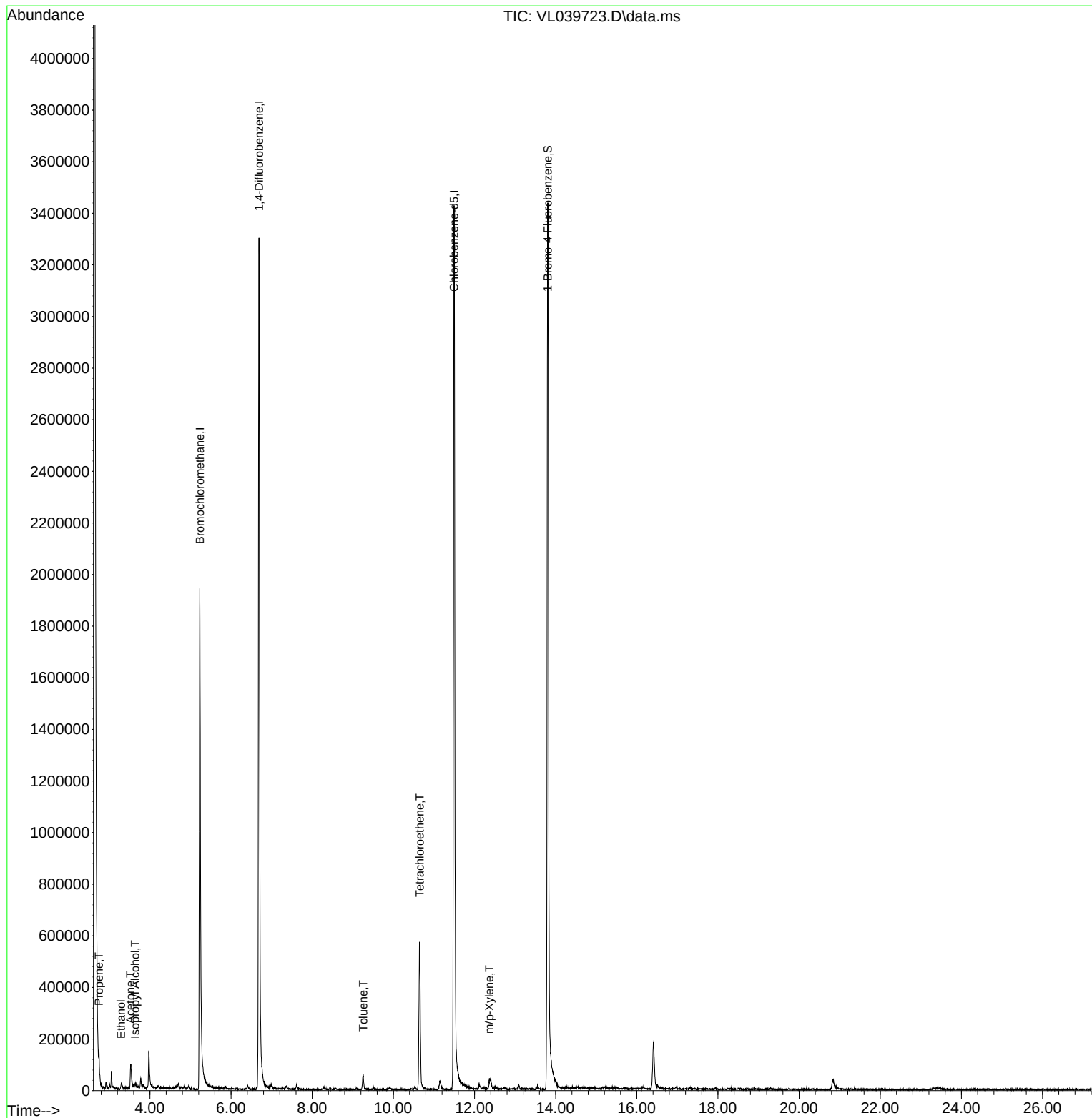
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039723.D
Acq On : 17 Oct 2022 17:25
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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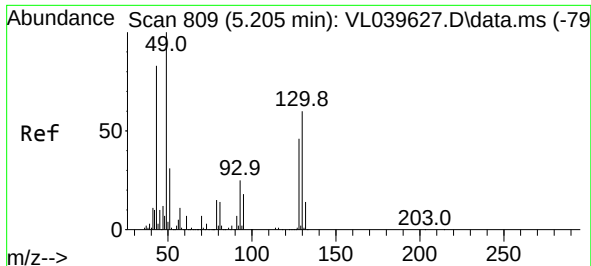
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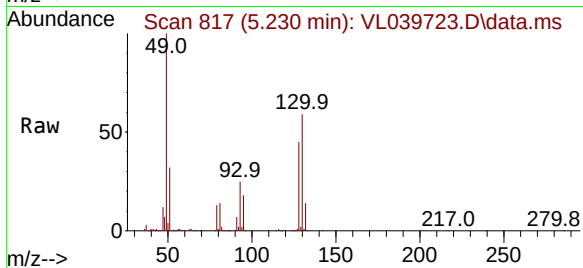
Quant Time: Oct 18 05:27:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

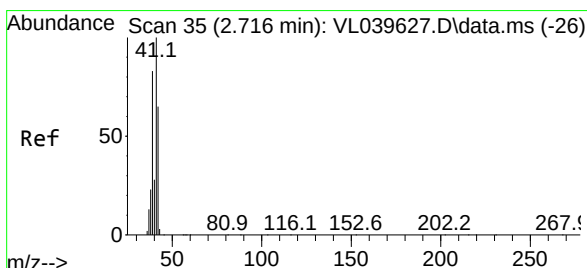
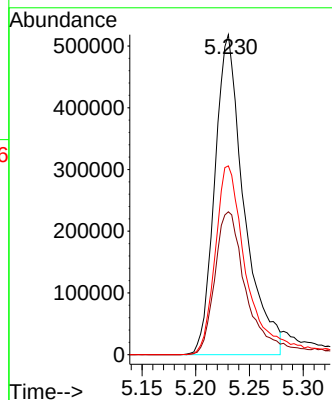
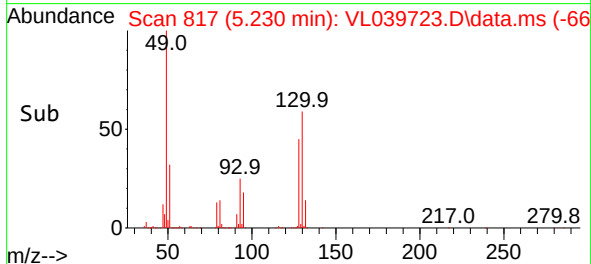
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 980628
Ion Ratio Lower Upper
49 100
128 51.5 26.7 80.0
130 66.9 34.3 102.8

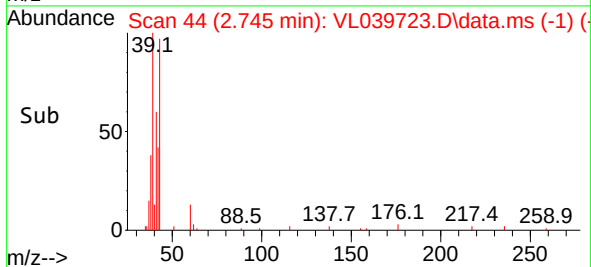
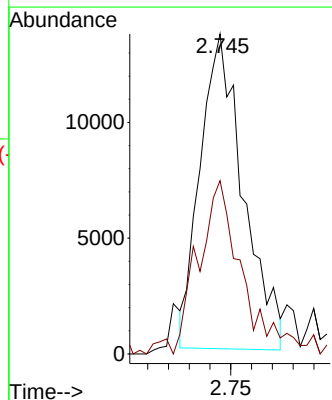
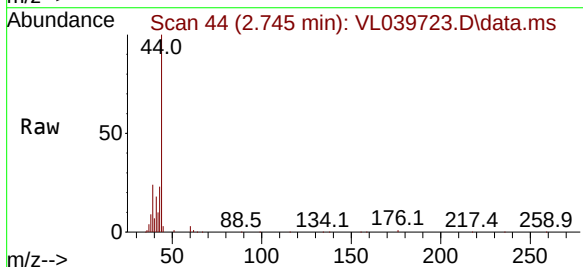
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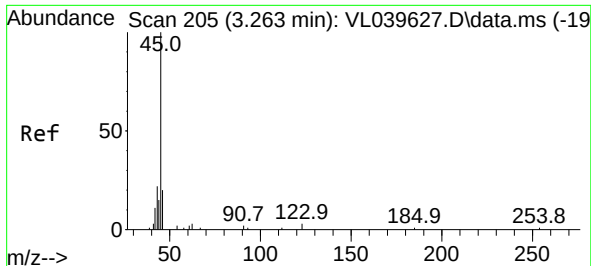
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#9
Propene
Concen: 0.368 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.013 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

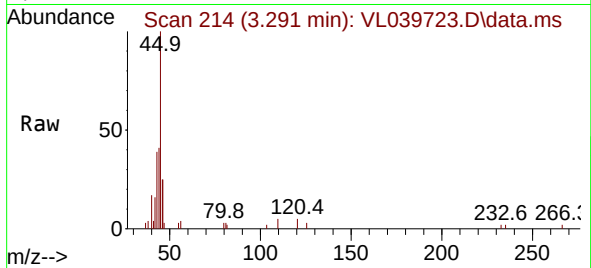
Tgt Ion: 41 Resp: 19584
Ion Ratio Lower Upper
41 100
42 59.3 55.2 82.8





#13
Ethanol
Concen: 5.248 ppbv
RT: 3.291 min Scan# 214
Delta R.T. 0.009 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

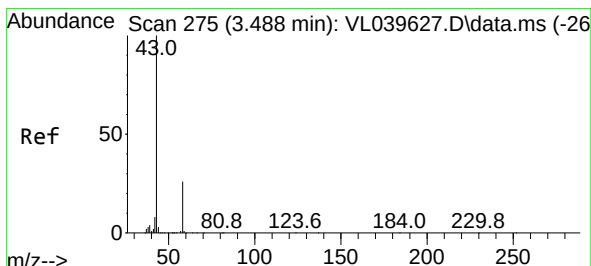
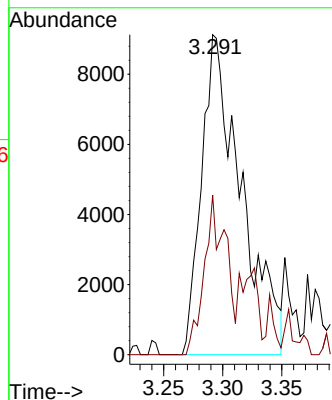
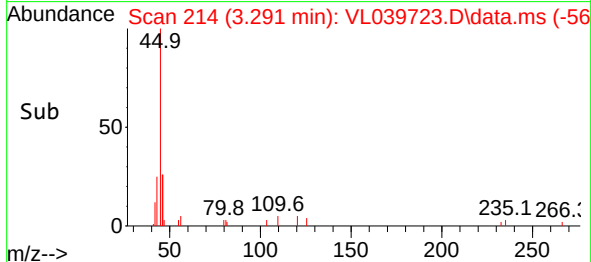
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 45 Resp: 2125
Ion Ratio Lower Upper
45 100
46 42.4 22.8 91.2

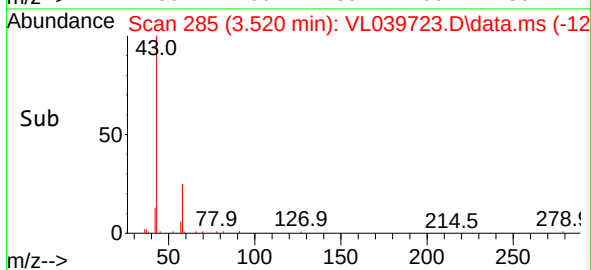
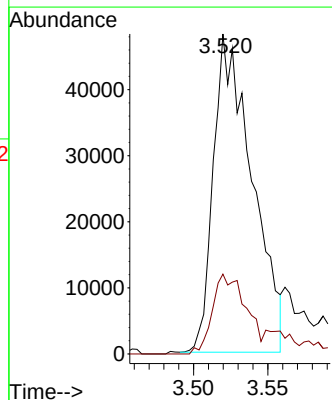
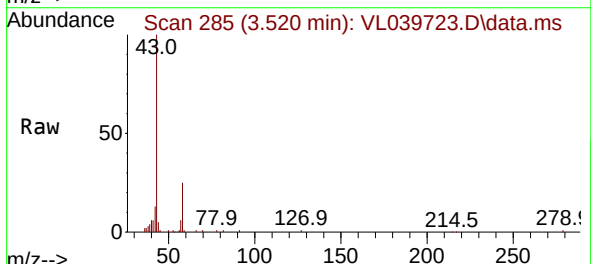
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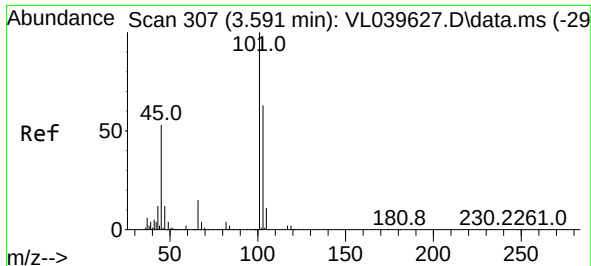
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#15
Acetone
Concen: 0.798 ppbv
RT: 3.520 min Scan# 285
Delta R.T. 0.016 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

Tgt Ion: 43 Resp: 87039
Ion Ratio Lower Upper
43 100
58 29.8 21.0 31.6





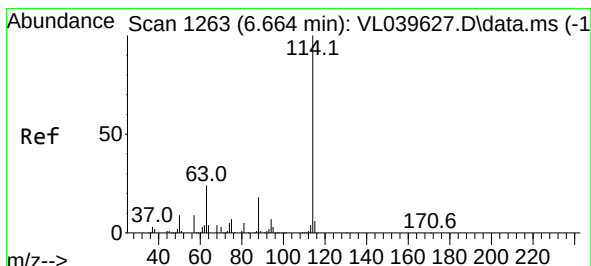
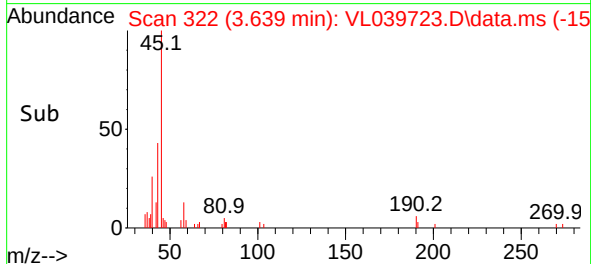
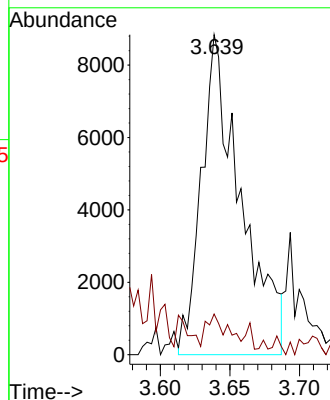
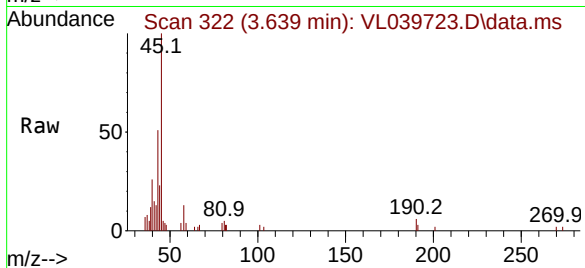
#19
Isopropyl Alcohol
Concen: 0.310 ppbv m
RT: 3.639 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 1726
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

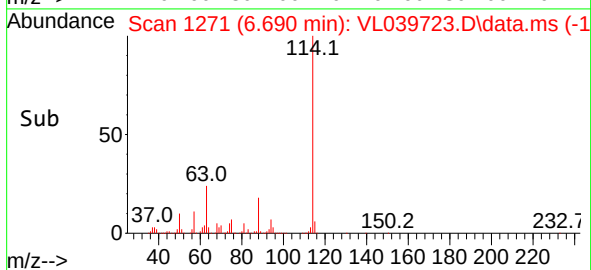
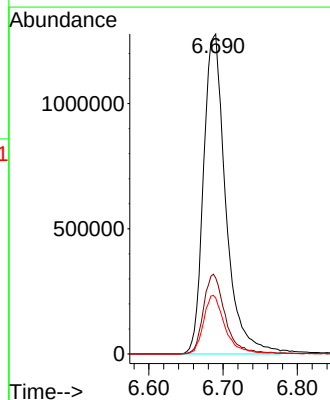
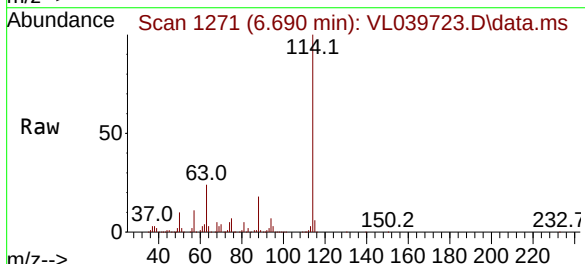
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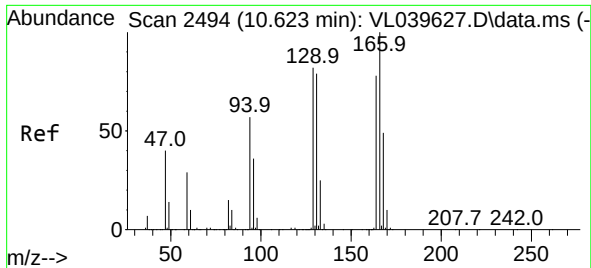
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.690 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

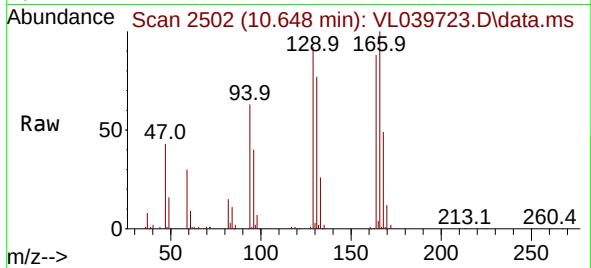
Tgt Ion:114 Resp: 2655403
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 17.9 14.5 21.7





#52
Tetrachloroethene
Concen: 1.929 ppbv
RT: 10.648 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

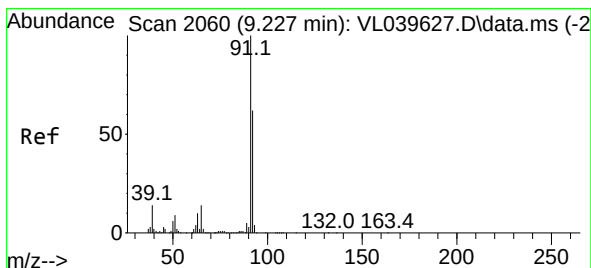
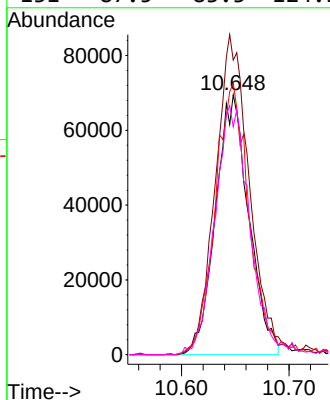
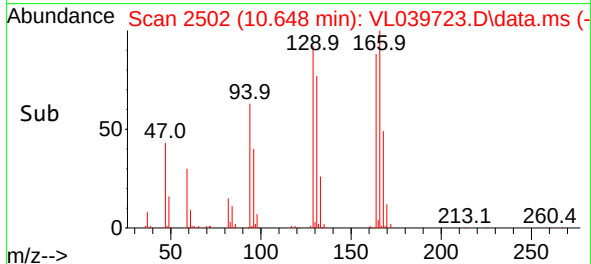
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:164 Resp: 14944
Ion Ratio Lower Upper
164 100
166 113.4 102.2 153.2
129 104.1 85.8 128.8
131 87.5 83.3 124.9

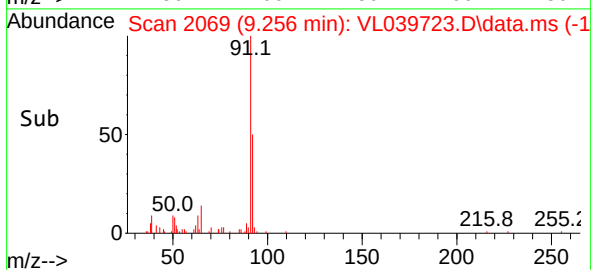
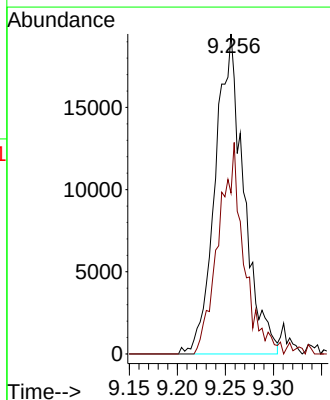
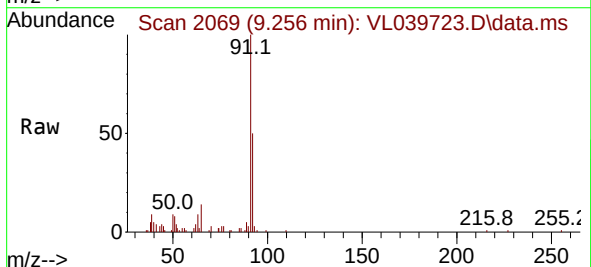
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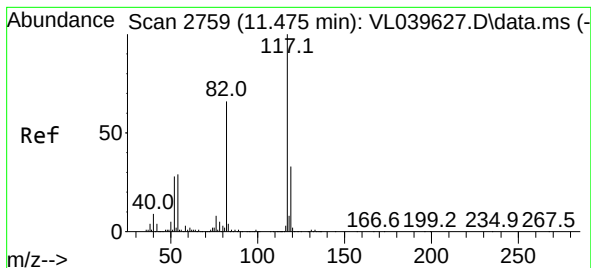
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#53
Toluene
Concen: 0.179 ppbv m
RT: 9.256 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

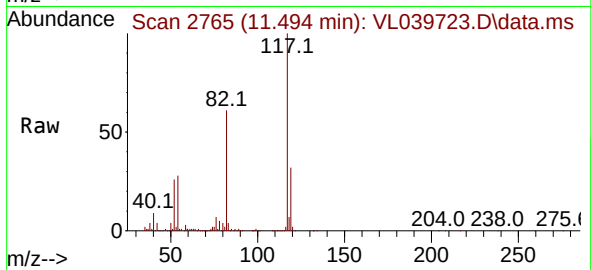
Tgt Ion: 91 Resp: 40310
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25

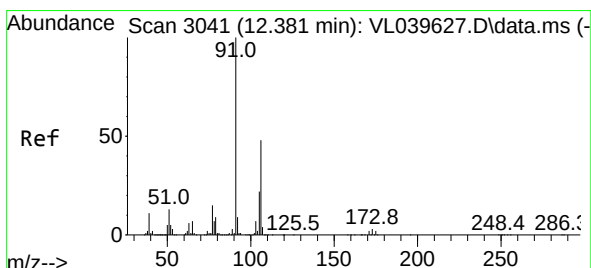
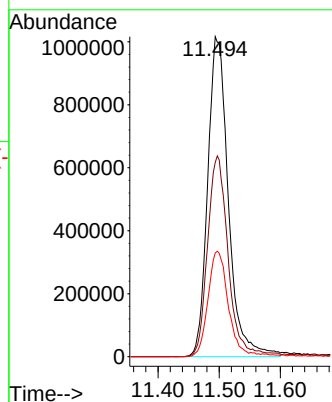
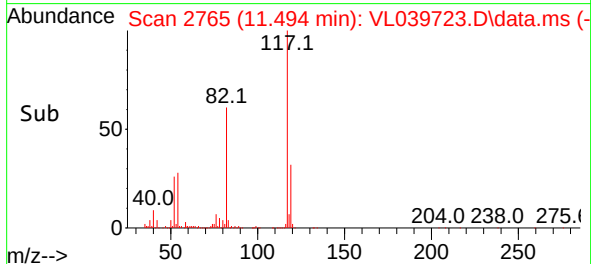
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



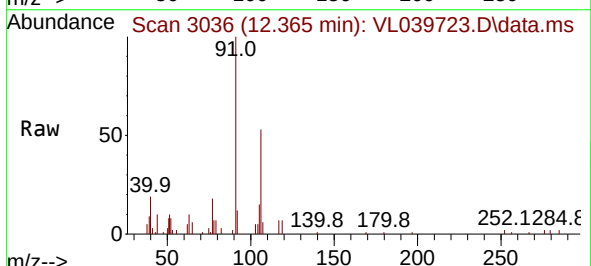
Tgt Ion:117 Resp: 238753
Ion Ratio Lower Upper
117 100
82 63.1 50.8 76.2
119 33.3 24.1 36.1

Manual Integrations
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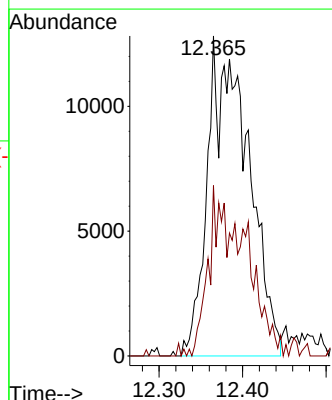
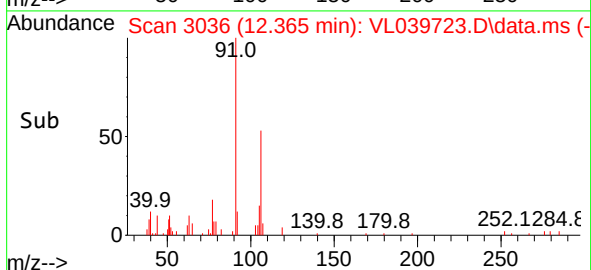
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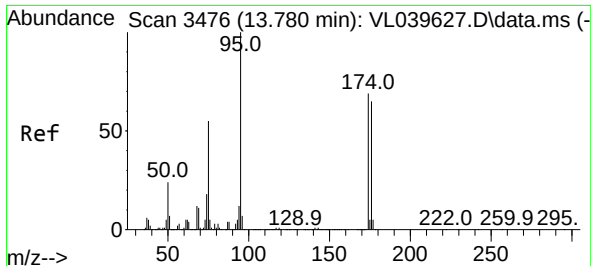


#59
m/p-Xylene
Concen: 0.176 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. -0.036 min
Lab File: VL039723.D
Acq: 17 Oct 2022 17:25



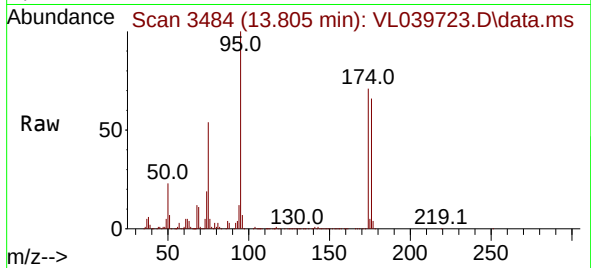
Tgt Ion: 91 Resp: 43102
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.571 ppbv
 RT: 13.805 min Scan# 3476
 Delta R.T. 0.006 min
 Lab File: VL039723.D
 Acq: 17 Oct 2022 17:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 170575
 Ion Ratio Lower Upper
 95 100
 174 72.6 55.9 83.9
 175 5.3 4.2 6.4

Manual Integrations
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