

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039879.D
 Acq On : 11 Nov 2022 1:08
 Operator : SY/AP
 Sample : N5584-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	918854	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	2382679	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2031917	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1615821	10.624	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.200%
Target Compounds						
						Qvalue
15) Acetone	3.504	43	33239m	0.297	ppbv	
20) Methylene Chloride	3.947	84	16299m	0.407	ppbv	
26) Hexane	5.217	57	23559m	0.229	ppbv	
52) Tetrachloroethene	10.603	164	29329m	0.389	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	23779m	0.103	ppbv	

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

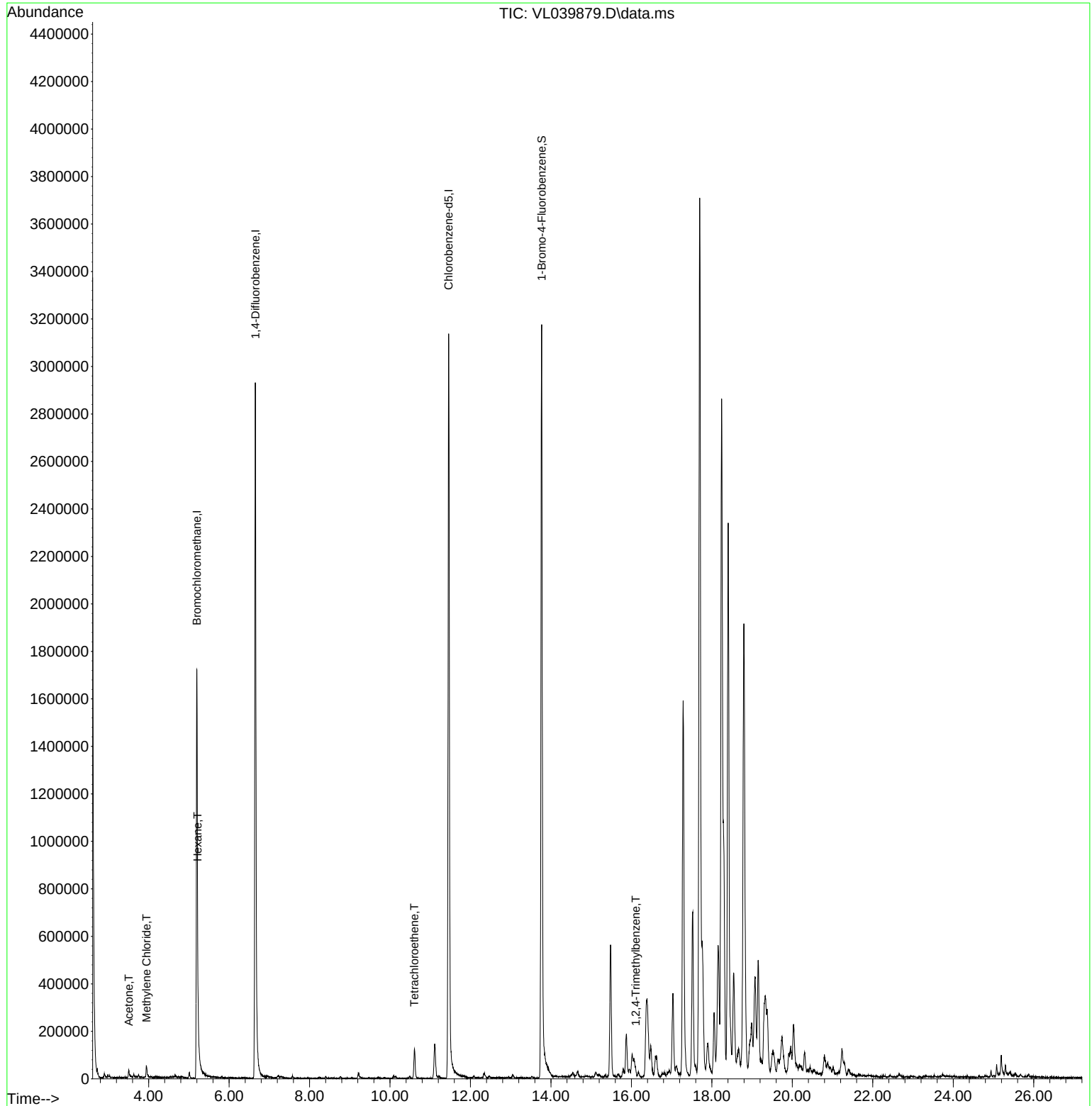
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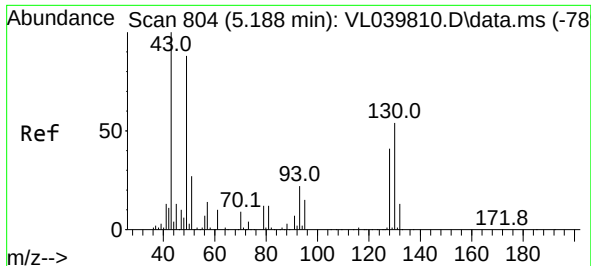
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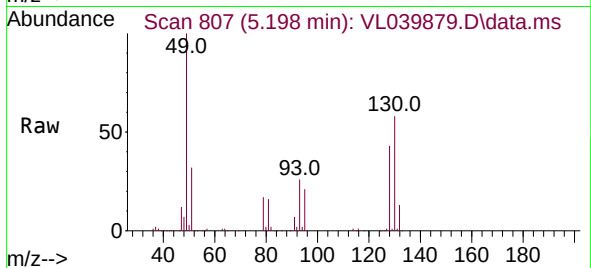
Quant Time: Nov 11 05:04:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

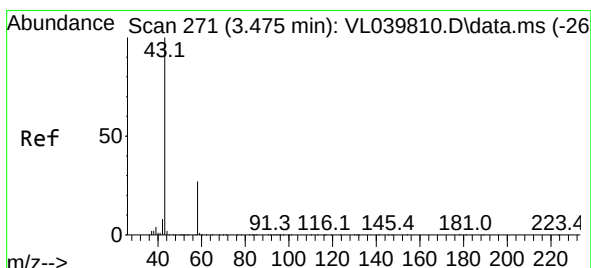
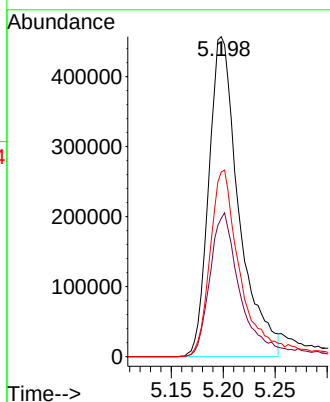
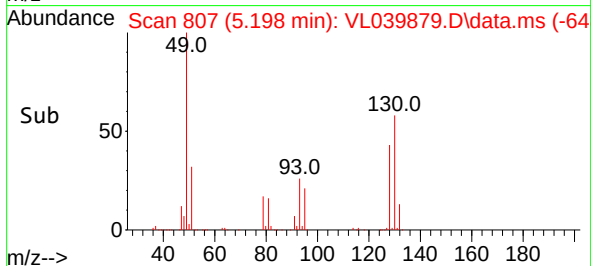
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 918854
Ion Ratio Lower Upper
49 100
128 49.0 24.6 73.6
130 63.0 31.1 93.2

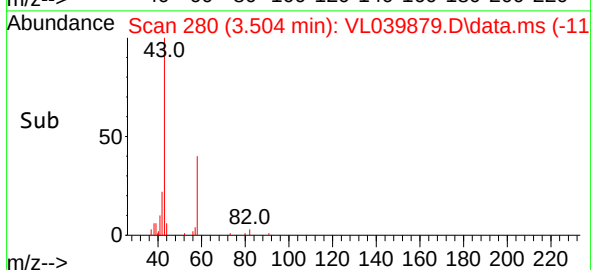
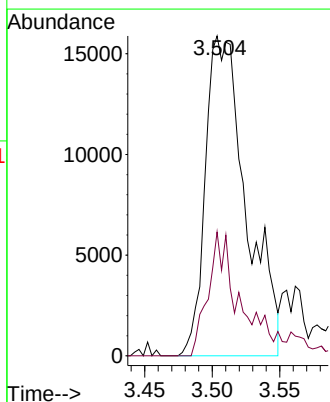
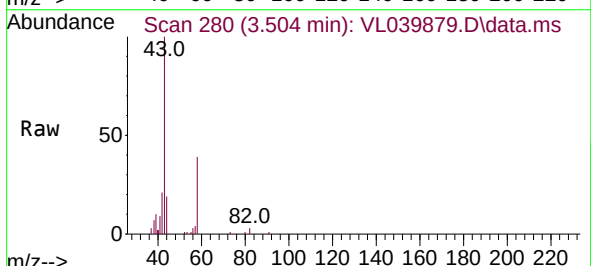
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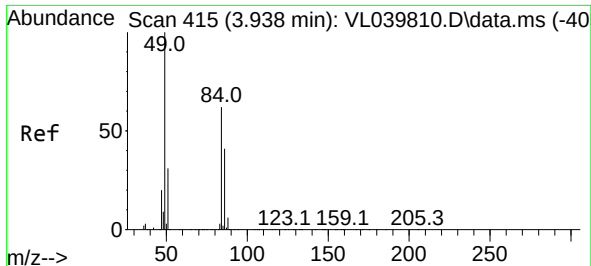
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#15
Acetone
Concen: 0.297 ppbv m
RT: 3.504 min Scan# 280
Delta R.T. 0.029 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

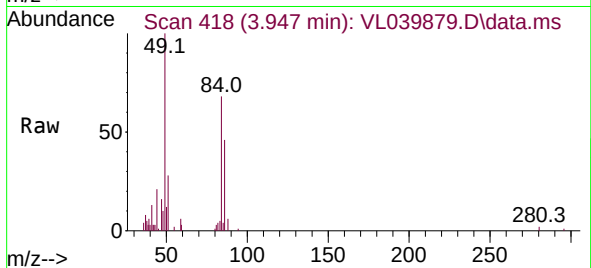
Tgt Ion: 43 Resp: 33239
Ion Ratio Lower Upper
43 100
58 35.9 23.2 34.8#





#20
Methylene Chloride
Concen: 0.407 ppbv m
RT: 3.947 min Scan# 415
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

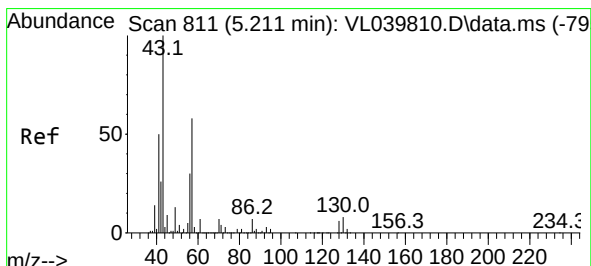
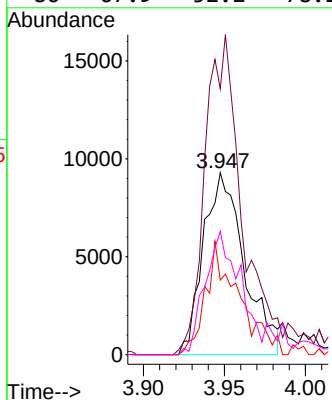
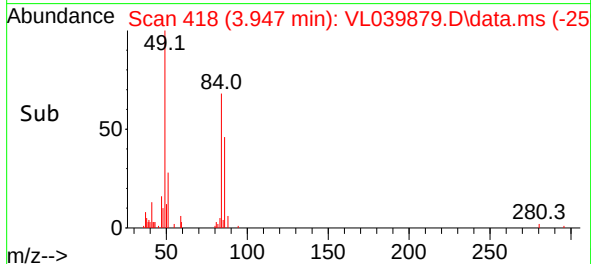
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



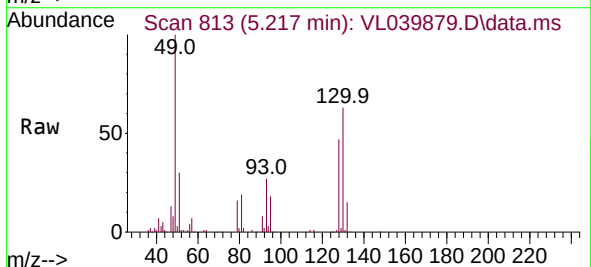
Tgt Ion: 84 Resp: 16299
Ion Ratio Lower Upper
84 100
49 146.1 128.6 192.8
51 41.0 40.2 60.4
86 67.9 52.2 78.2

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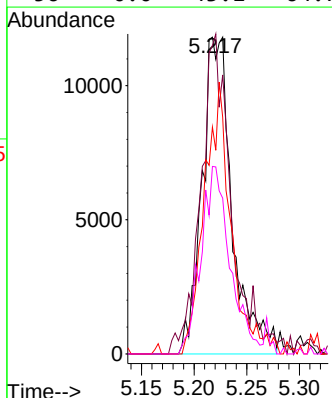
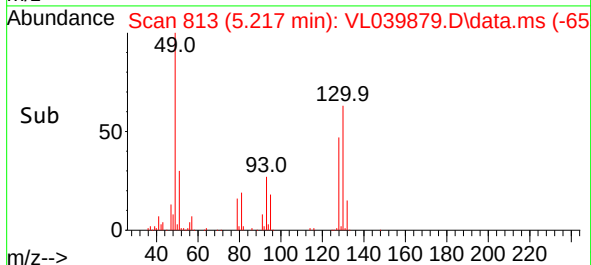
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Supervised By :Mahesh Dadoda 11/11/2022

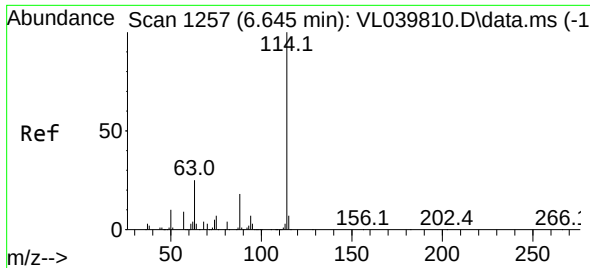


#26
Hexane
Concen: 0.229 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08



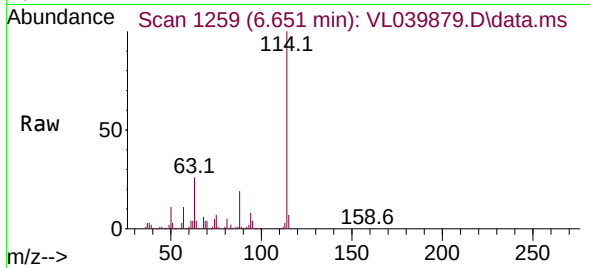
Tgt Ion: 57 Resp: 23559
Ion Ratio Lower Upper
57 100
41 102.4 73.7 110.5
43 77.2 189.8 284.8#
56 0.0 43.1 64.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

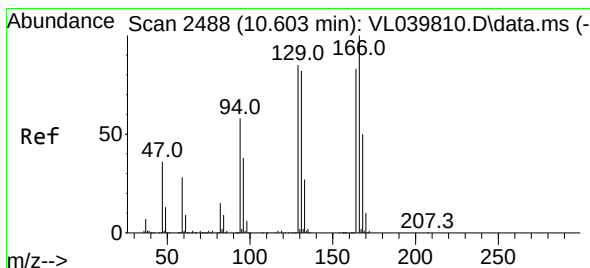
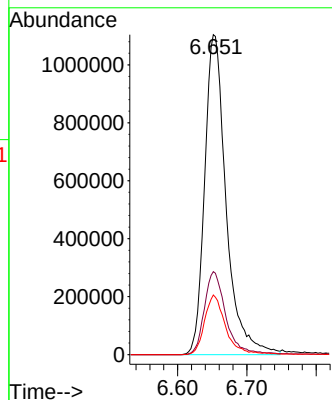
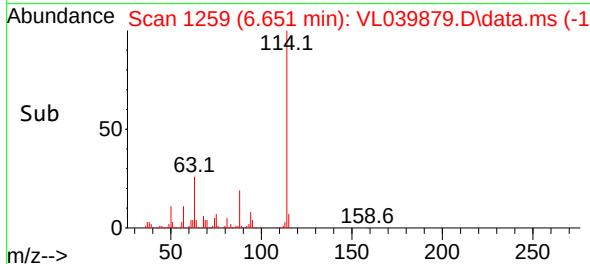
Instrument :
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ClientSampleId :
SV1DL



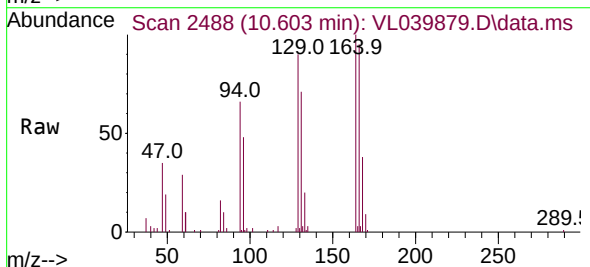
Tgt Ion:114 Resp: 2382679
Ion Ratio Lower Upper
114 100
63 26.3 19.8 29.6
88 18.6 14.4 21.6

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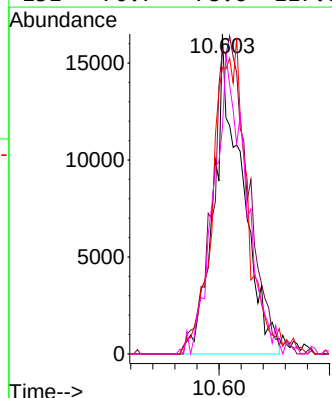
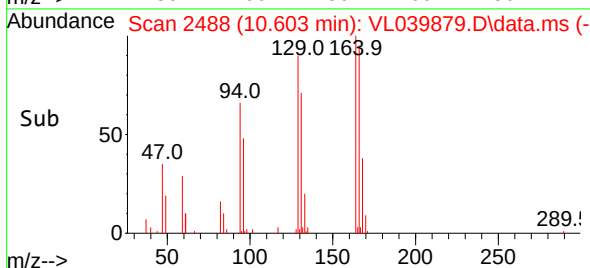
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Supervised By :Mahesh Dadoda 11/11/2022

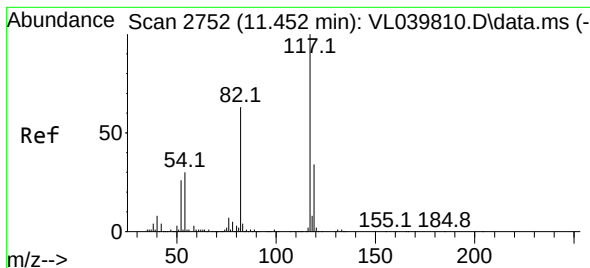


#52
Tetrachloroethene
Concen: 0.389 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08



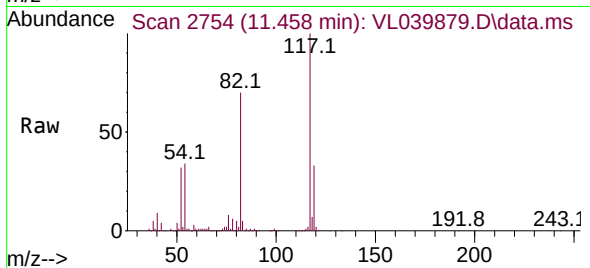
Tgt Ion:164 Resp: 29329
Ion Ratio Lower Upper
164 100
166 95.1 96.0 144.0#
129 89.5 81.4 122.2
131 70.7 78.6 117.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

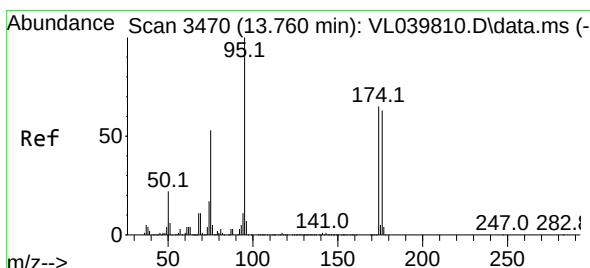
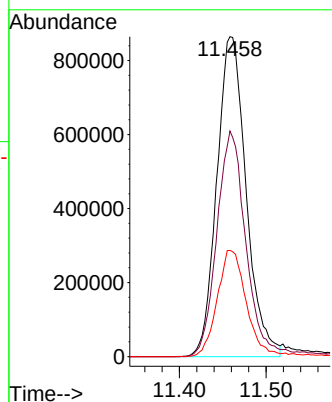
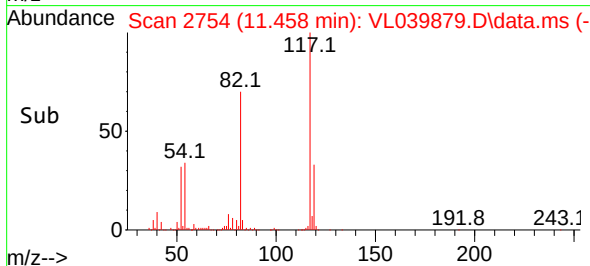
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 117 Resp: 203191
Ion Ratio Lower Upper
117 100
82 72.2 51.0 76.6
119 34.0 24.7 37.1

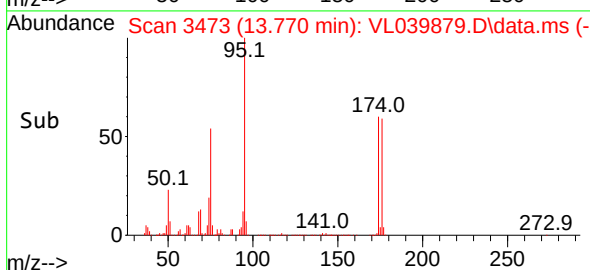
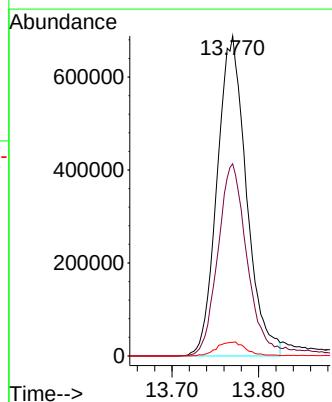
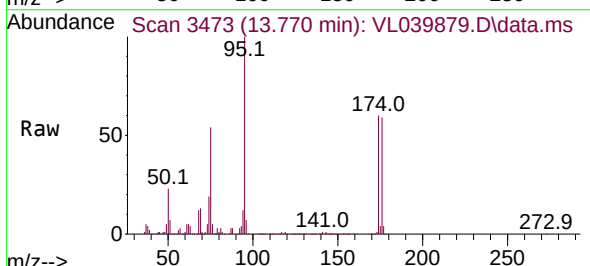
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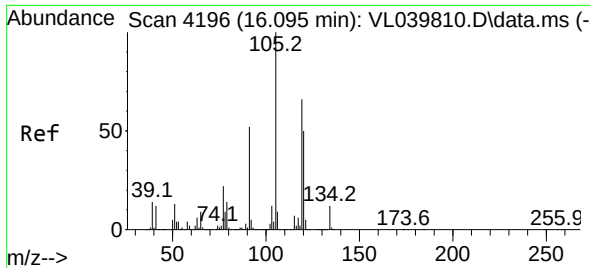
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.624 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.010 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

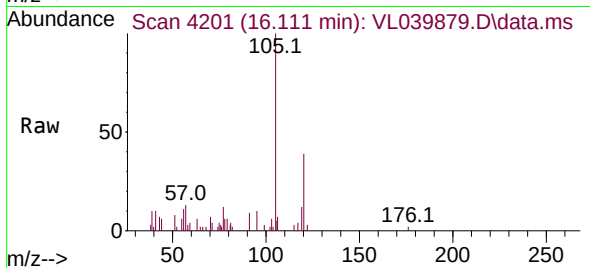
Tgt Ion: 95 Resp: 1615821
Ion Ratio Lower Upper
95 100
174 62.8 53.4 80.0
175 4.5 4.1 6.1





#74
1,2,4-Trimethylbenzene
Concen: 0.103 ppbv m
RT: 16.111 min Scan# 4196
Delta R.T. 0.016 min
Lab File: VL039879.D
Acq: 11 Nov 2022 1:08

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	105	Resp:	23779
Ion	Ratio	Lower	Upper
105	100		
120	39.2	40.2	60.4
91	8.9	42.6	64.0
77	12.1	17.8	26.8

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