

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039914.D
 Acq On : 21 Nov 2022 17:42
 Operator : SY/AP
 Sample : N5724-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:49:53 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1116551	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.629	114	3141304	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2784275	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2175983	10.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
13) Ethanol	3.234	45	2685m	0.485	ppbv	
15) Acetone	3.459	43	237686	1.605	ppbv	98
20) Methylene Chloride	3.909	84	73691	1.027	ppbv	96
26) Hexane	5.185	57	99371	0.837	ppbv #	34
53) Toluene	9.205	91	65170m	0.214	ppbv	
59) m/p-Xylene	12.333	91	43882m	0.139	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	48572m	0.148	ppbv	

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

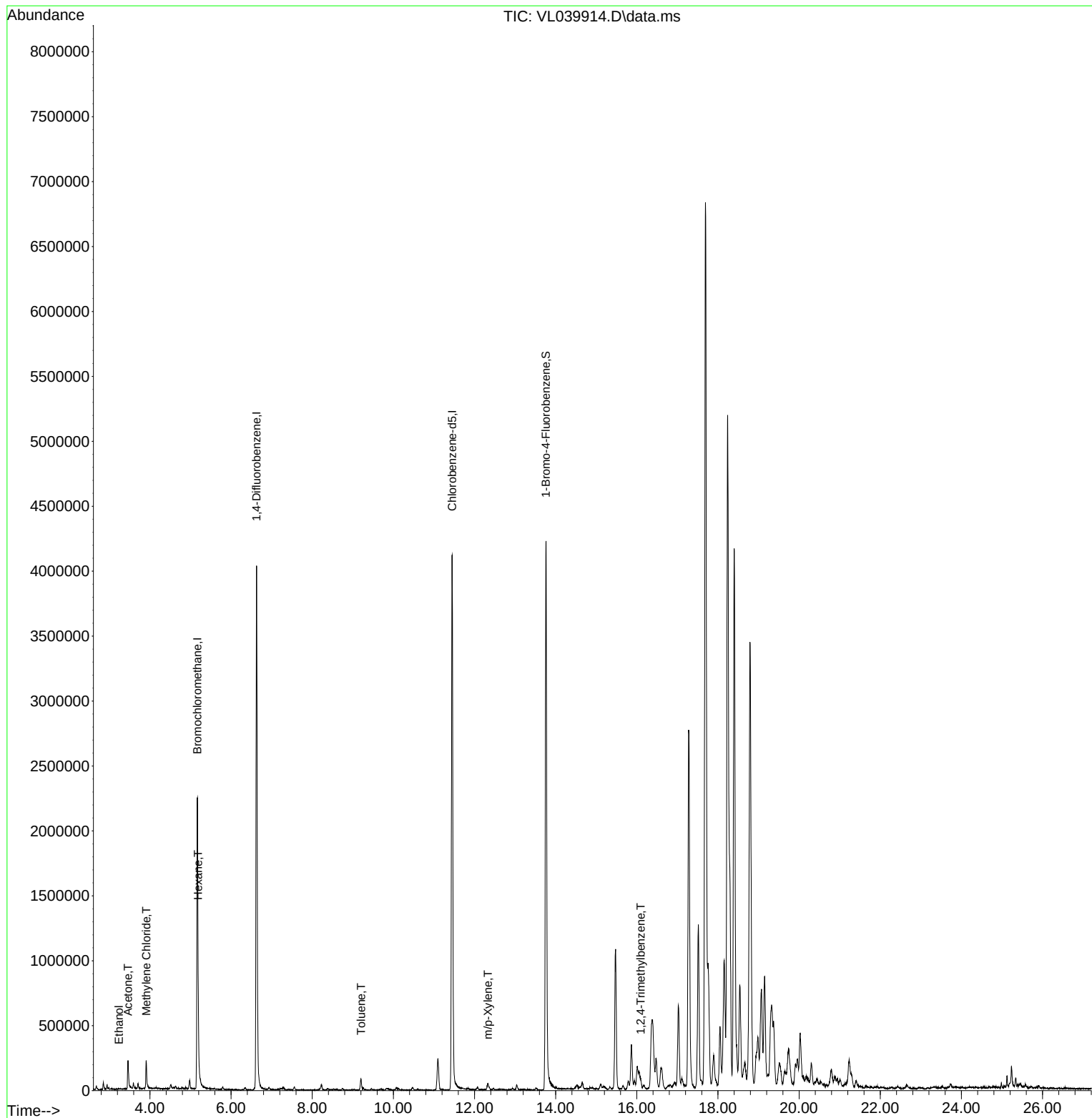
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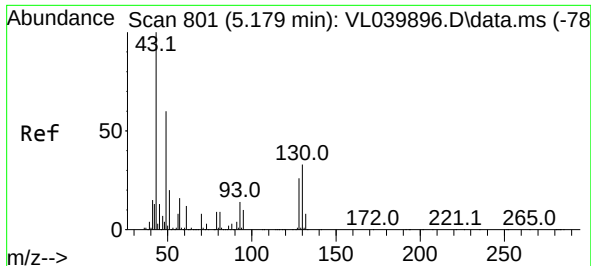
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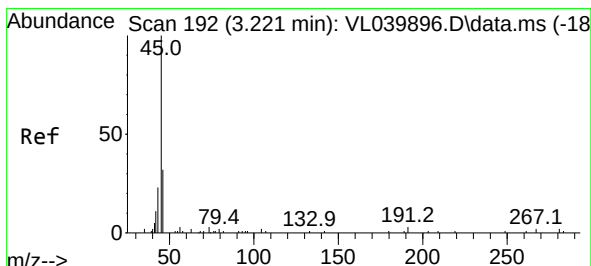
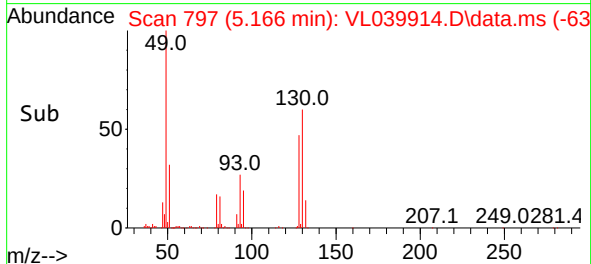
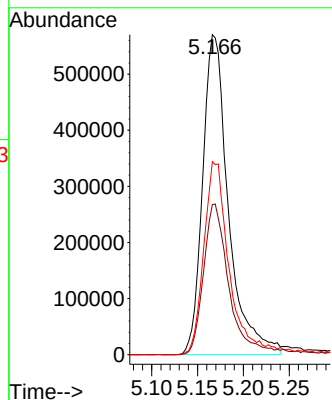
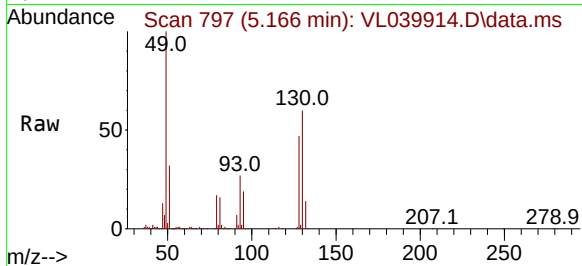
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 797
Delta R.T. 0.010 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 111655
Ion Ratio Lower Upper
49 100
128 47.2 22.1 66.3
130 61.4 27.7 83.1

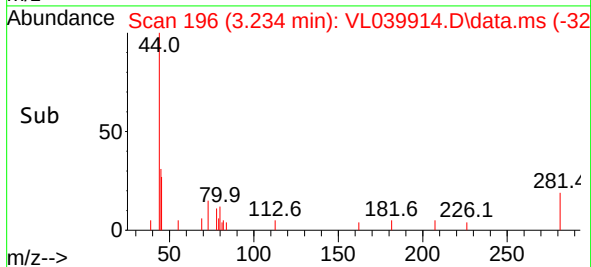
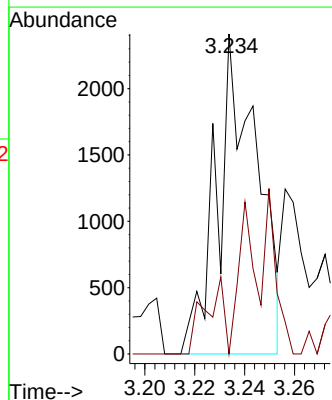
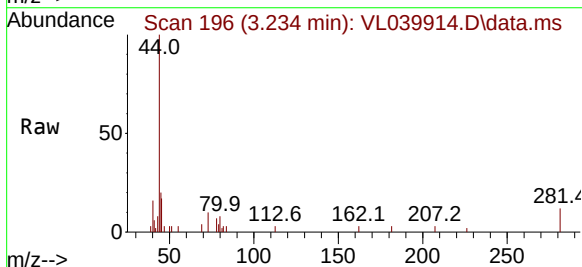
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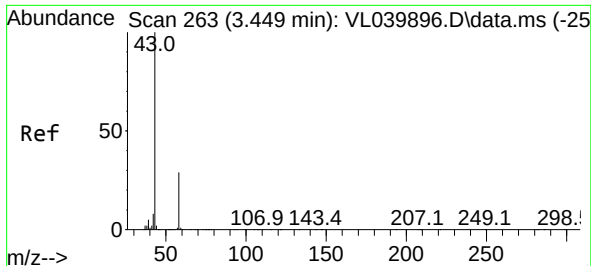
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#13
Ethanol
Concen: 0.485 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. 0.026 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

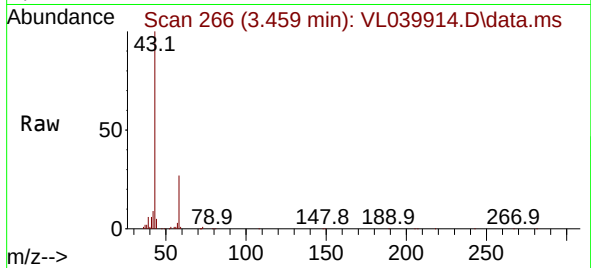
Tgt Ion: 45 Resp: 2685
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#





#15
Acetone
Concen: 1.605 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

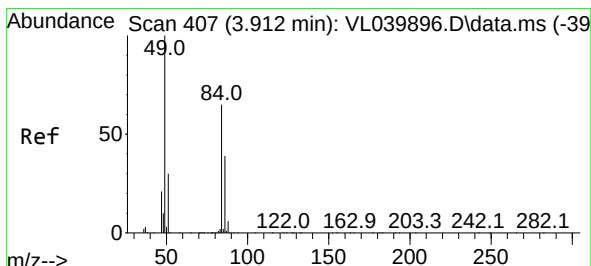
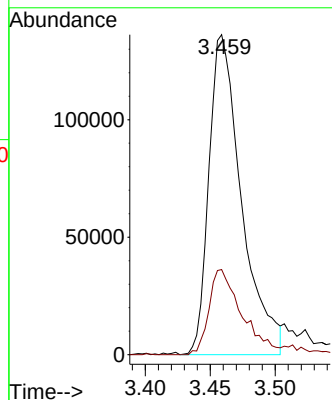
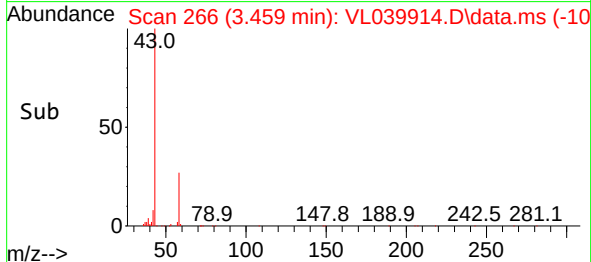
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 237680
Ion Ratio Lower Upper
43 100
58 29.9 22.9 34.3

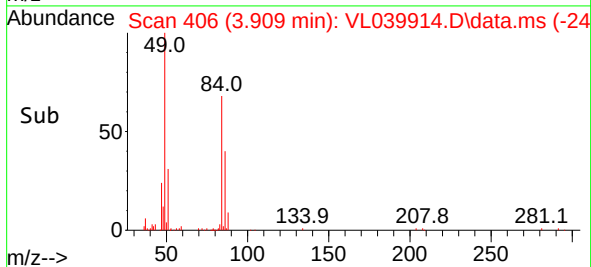
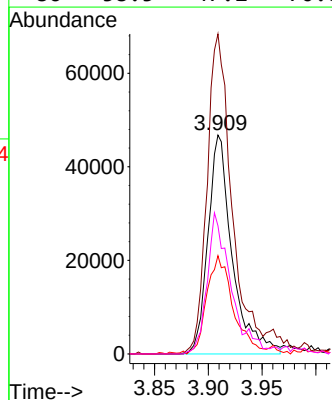
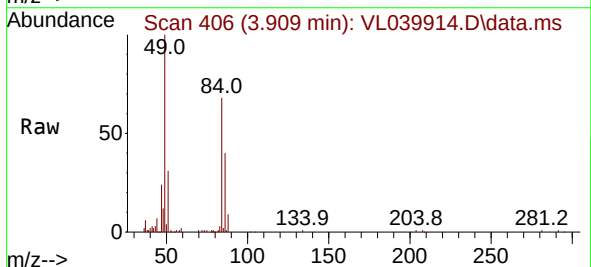
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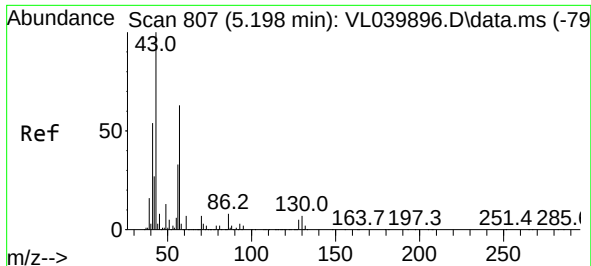
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#20
Methylene Chloride
Concen: 1.027 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

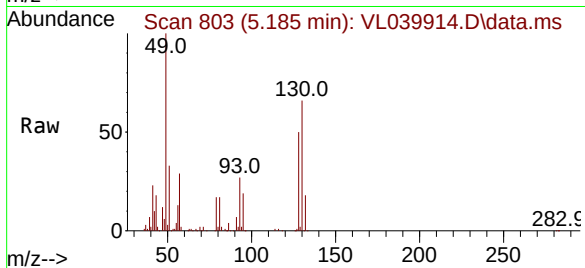
Tgt Ion: 84 Resp: 73691
Ion Ratio Lower Upper
84 100
49 146.2 122.2 183.4
51 44.3 36.3 54.5
86 58.5 47.2 70.8





#26
Hexane
Concen: 0.837 ppbv
RT: 5.185 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

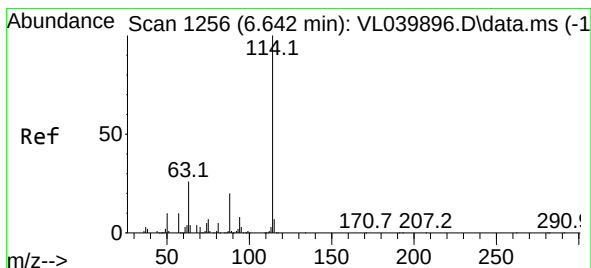
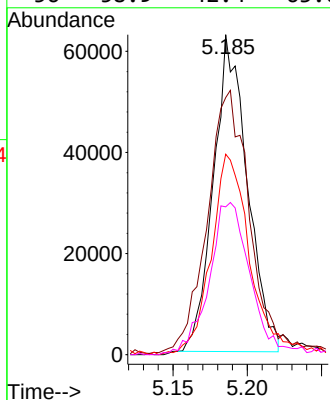
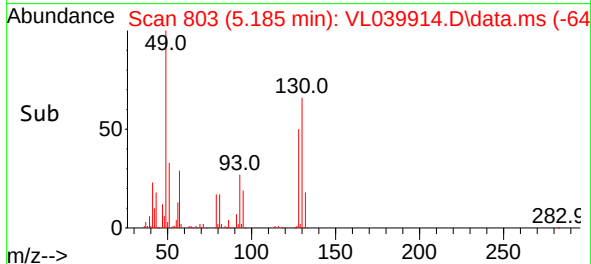
Instrument :
MSVOA_L
Client Sample Id :
SV1DL



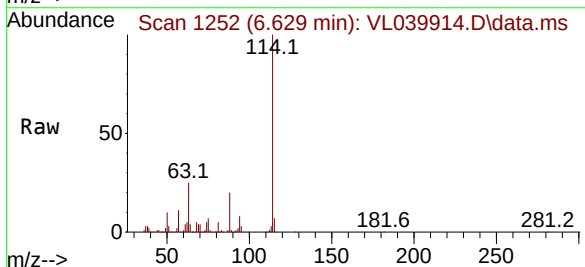
Tgt Ion: 57 Resp: 9937
Ion Ratio Lower Upper
57 100
41 110.2 72.3 108.5
43 74.3 188.7 283.1
56 58.9 42.4 63.6

Manual Integrations
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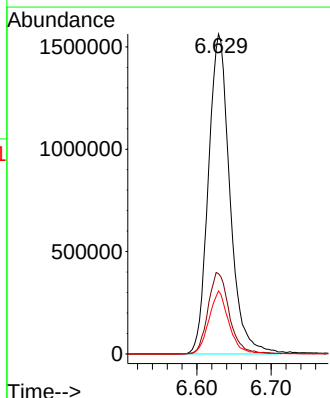
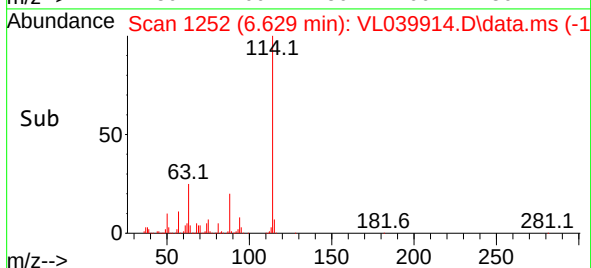
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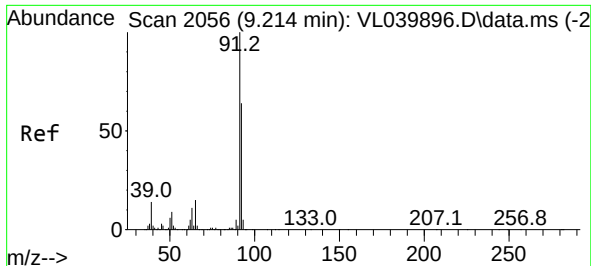


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. 0.010 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42



Tgt Ion:114 Resp: 3141304
Ion Ratio Lower Upper
114 100
63 25.5 21.4 32.0
88 18.4 15.3 22.9





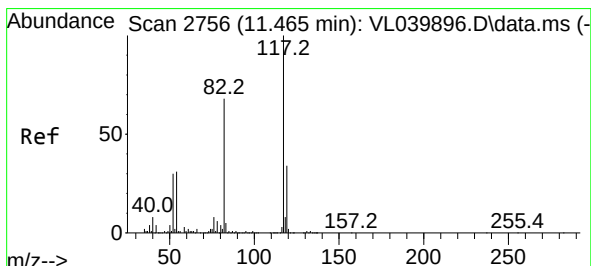
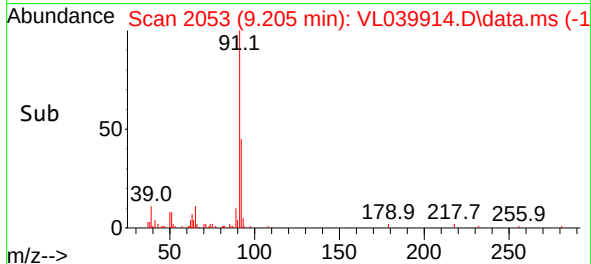
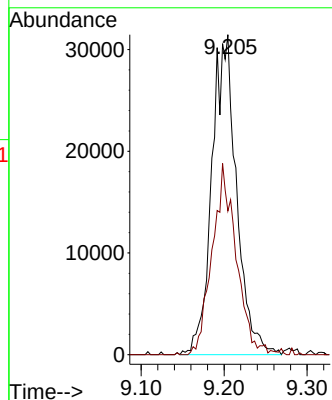
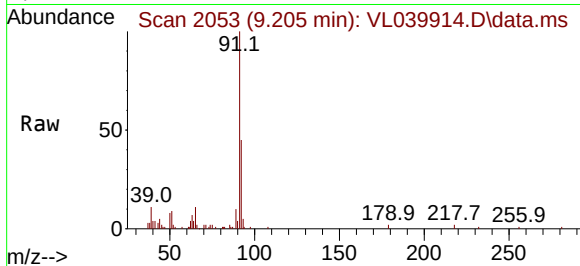
#53
Toluene
Concen: 0.214 ppbv m
RT: 9.205 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 65170
Ion Ratio Lower Upper
91 100
92 58.2 49.8 74.6

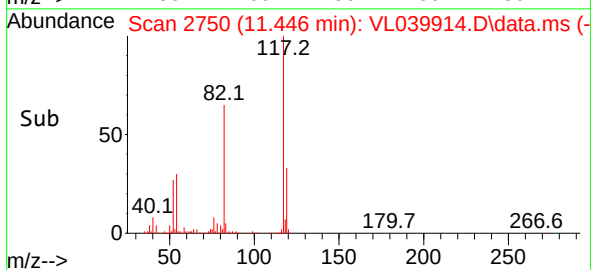
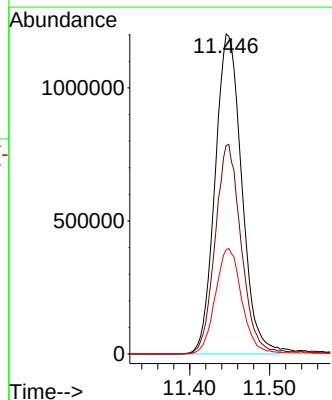
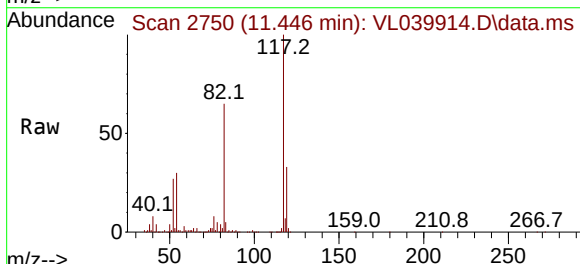
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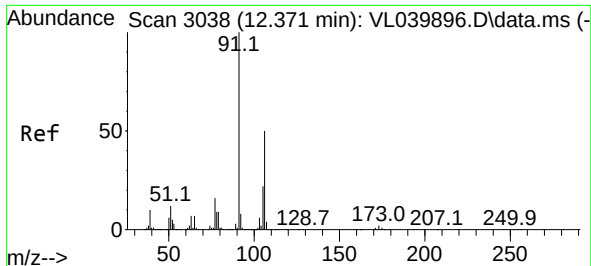
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Supervised By :Mahesh Dadoda 11/24/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.006 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

Tgt Ion:117 Resp: 2784275
Ion Ratio Lower Upper
117 100
82 65.0 52.3 78.5
119 33.1 25.7 38.5





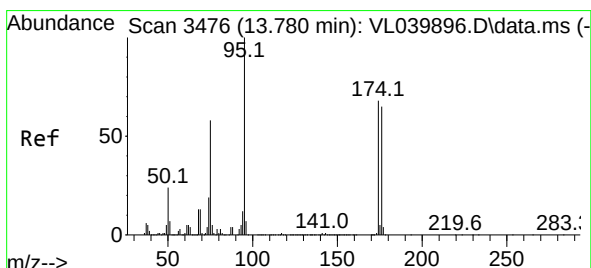
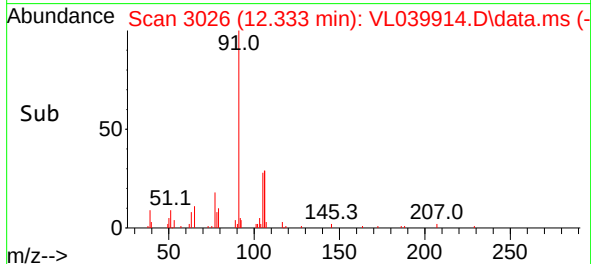
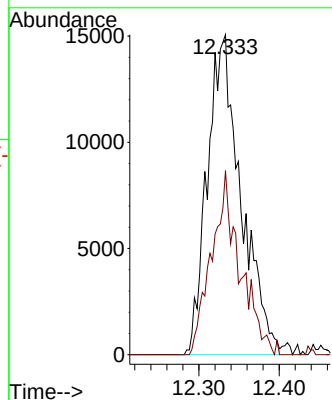
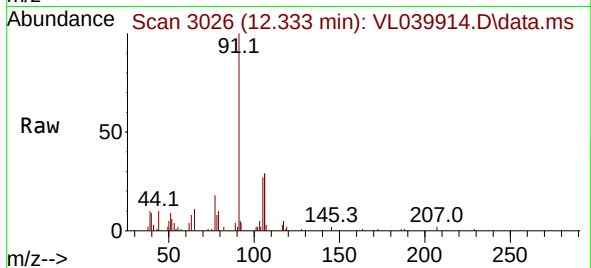
#59
m/p-Xylene
Concen: 0.139 ppbv m
RT: 12.333 min Scan# 3038
Delta R.T. -0.013 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 43882
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6

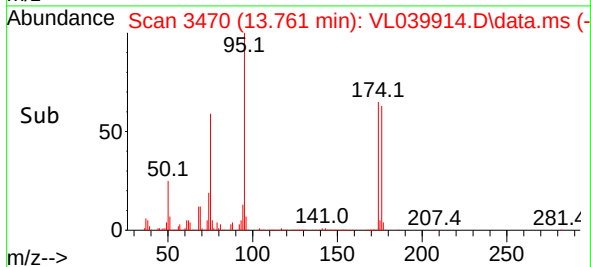
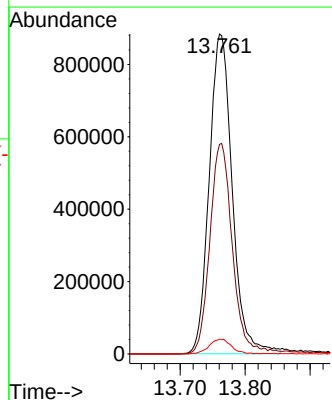
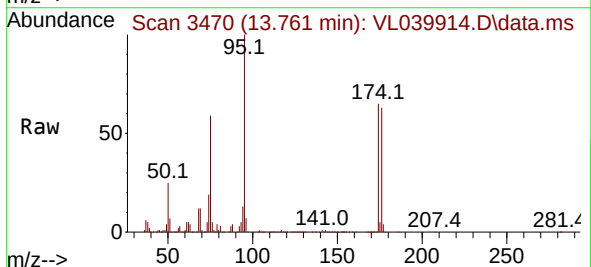
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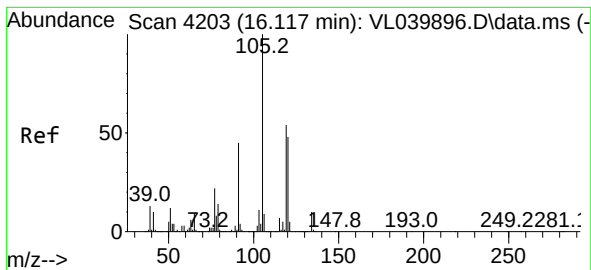
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.232 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.006 min
Lab File: VL039914.D
Acq: 21 Nov 2022 17:42

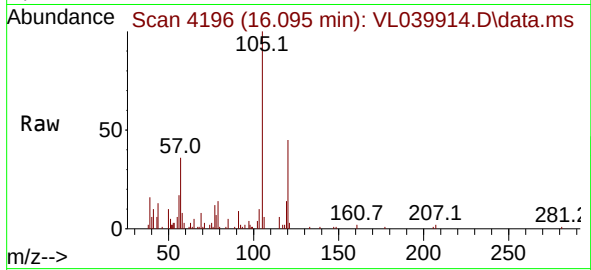
Tgt Ion: 95 Resp: 2175983
Ion Ratio Lower Upper
95 100
174 65.6 53.7 80.5
175 4.5 4.0 6.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.148 ppbv m
 RT: 16.095 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039914.D
 Acq: 21 Nov 2022 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion:	105	Resp:	48572
Ion Ratio	Lower	Upper	
105	100		
120	45.5	38.7	58.1
91	8.6	36.4	54.6
77	11.9	17.4	26.0

Manual Integrations
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