

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038392.D
 Acq On : 22 Feb 2022 17:01
 Operator : SY/AP
 Sample : N1607-05DL 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-11DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:05:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Feb 23 07:05:48 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	894640	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.172	114	2204743	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.079	117	1988518	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1596862	9.705	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	25230	0.484	ppbv	90
13) Ethanol	3.626	45	15600m	2.997	ppbv	
20) Methylene Chloride	4.346	84	13973	0.371	ppbv	91
26) Hexane	5.690	57	38441	0.415	ppbv #	41
44) 2,2,4-Trimethylpentane	7.867	57	173812	0.521	ppbv #	81
53) Toluene	9.803	91	297425	1.411	ppbv	98
60) o-Xylene	13.680	91	34275	0.155	ppbv	98

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

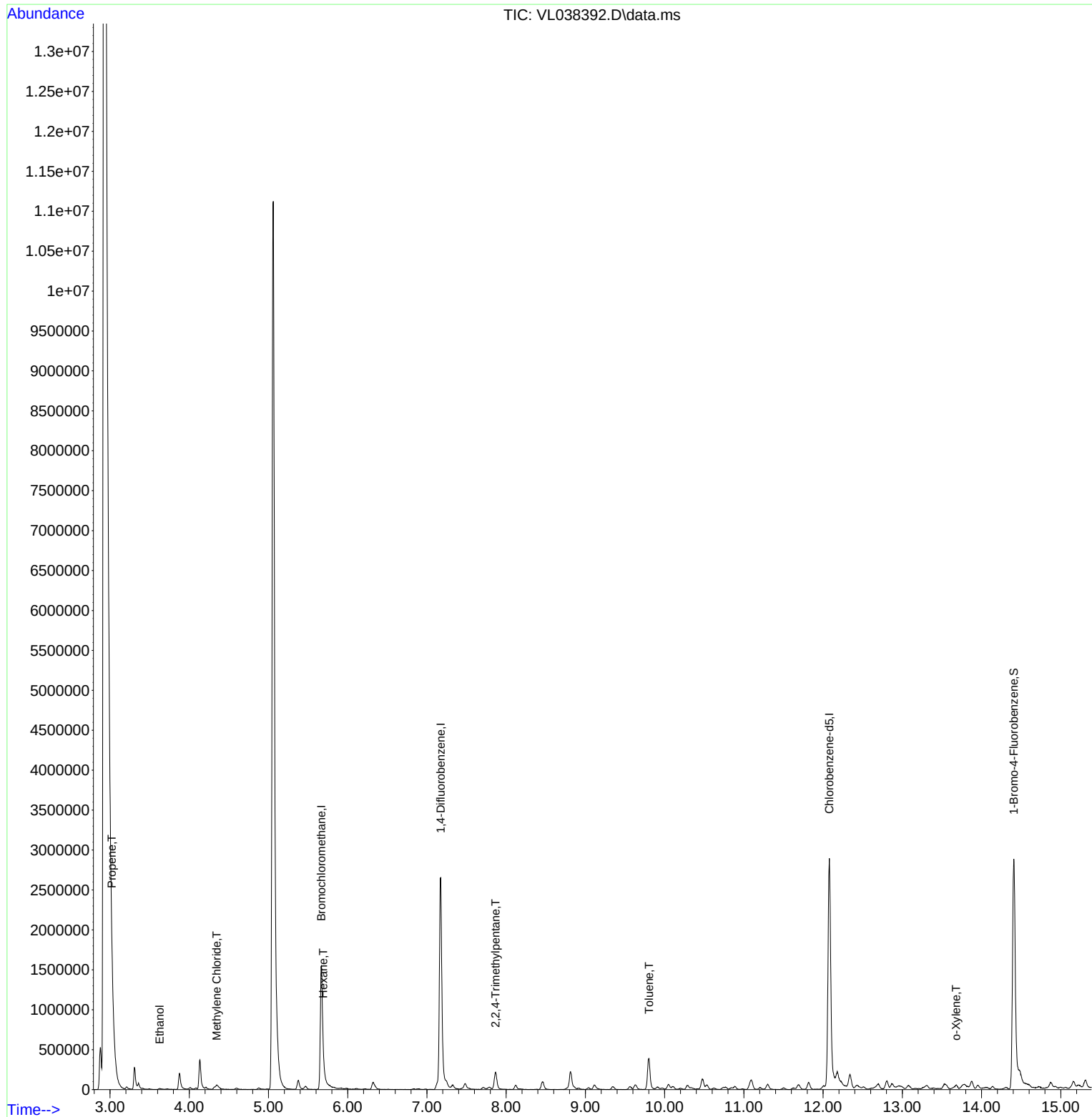
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
Data File : VL038392.D
Acq On : 22 Feb 2022 17:01
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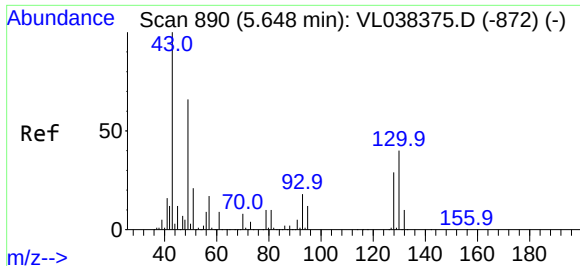
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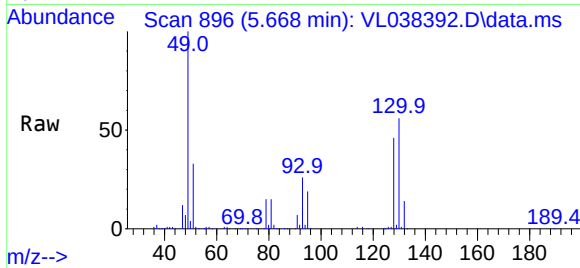
Quant Time: Feb 23 07:05:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 890
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

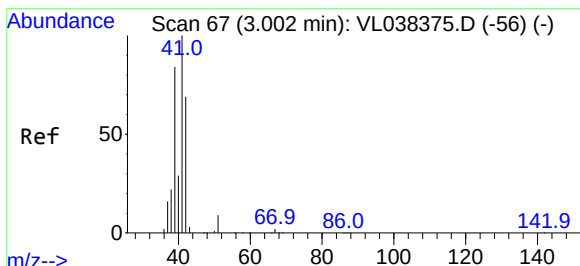
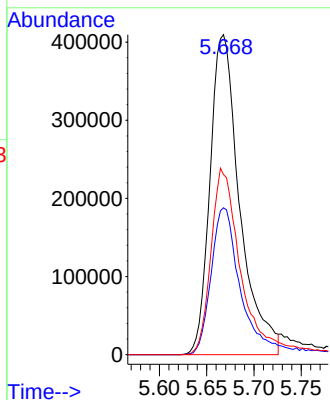
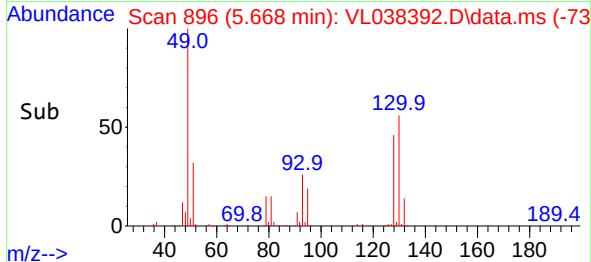
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



Tgt Ion: 49 Resp: 894640
Ion Ratio Lower Upper
49 100
128 49.0 24.3 72.9
130 60.6 30.1 90.5

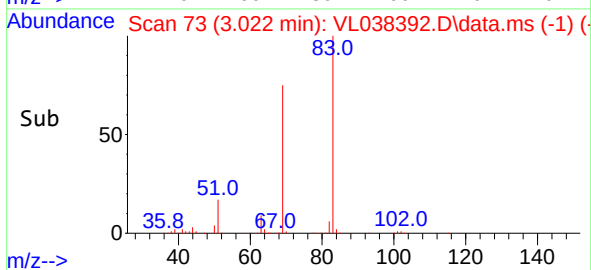
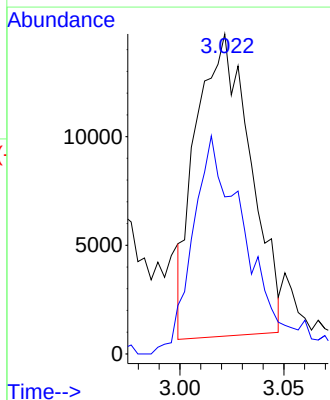
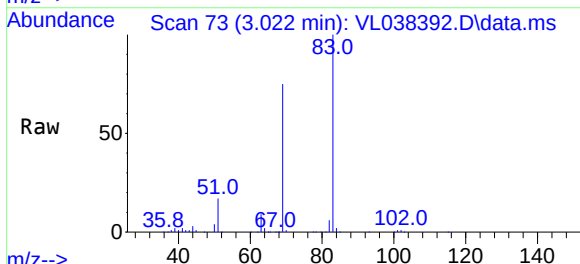
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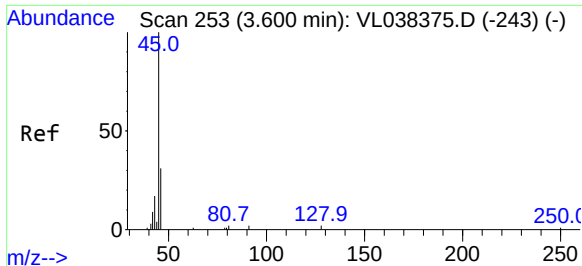
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#9
Propene
Concen: 0.484 ppbv
RT: 3.022 min Scan# 73
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

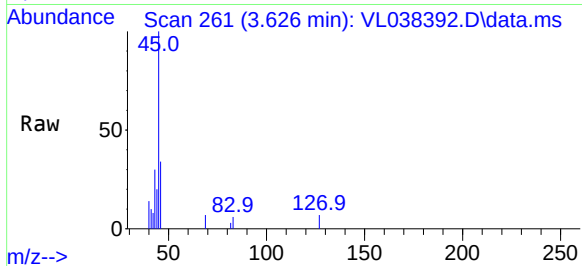
Tgt Ion: 41 Resp: 25230
Ion Ratio Lower Upper
41 100
42 76.8 54.6 82.0





#13
Ethanol
Concen: 2.997 ppbv m
RT: 3.626 min Scan# 2
Delta R.T. 0.026 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

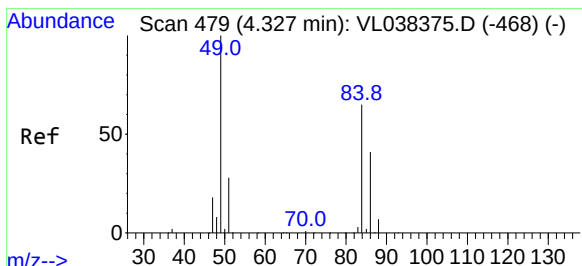
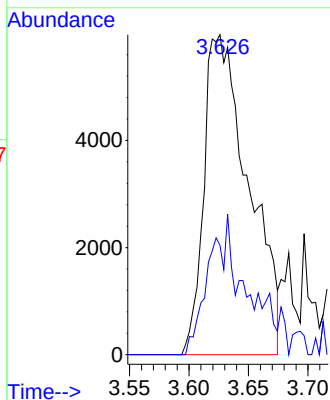
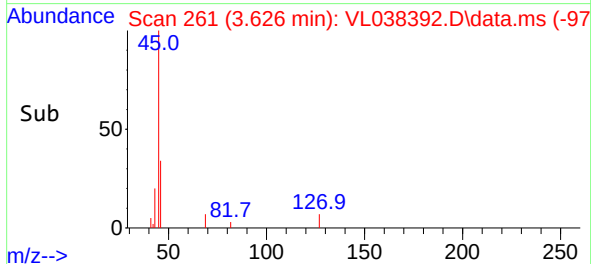
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



Tgt Ion: 45 Resp: 15600
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8

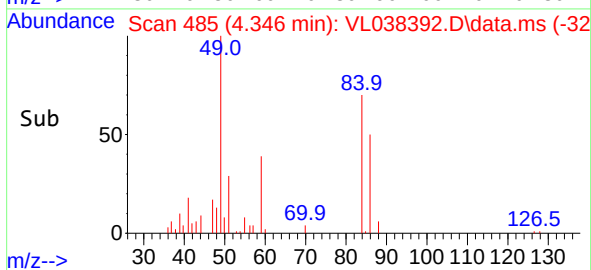
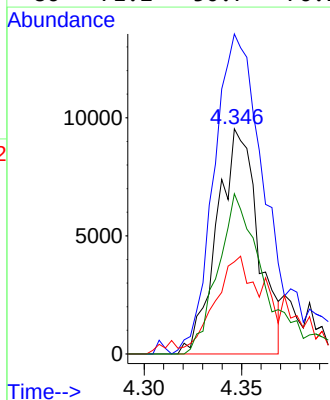
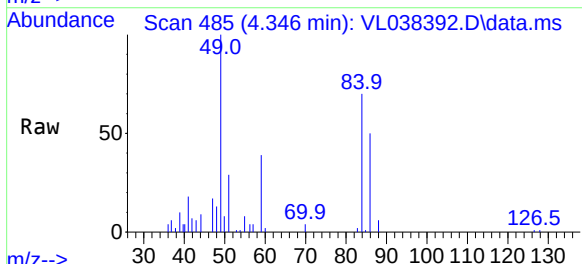
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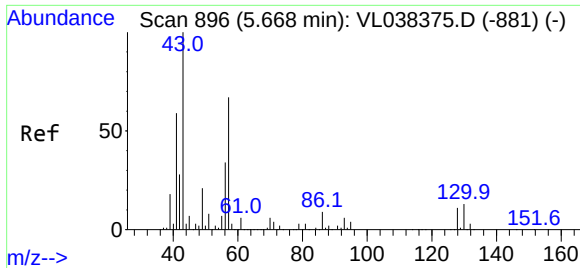
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 0.371 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

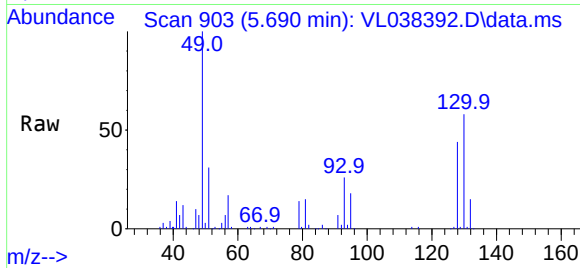
Tgt Ion: 84 Resp: 13973
Ion Ratio Lower Upper
84 100
49 140.4 122.4 183.6
51 38.4 33.3 49.9
86 71.2 50.7 76.1





#26
Hexane
Concen: 0.415 ppbv
RT: 5.690 min Scan# 90
Delta R.T. 0.023 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

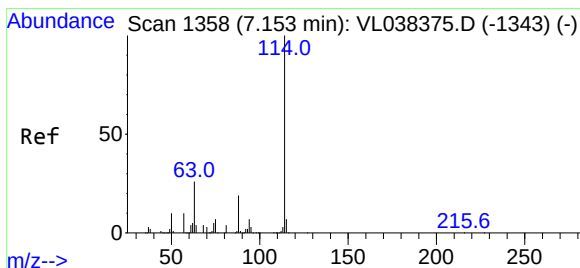
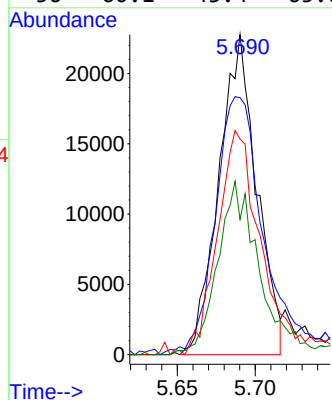
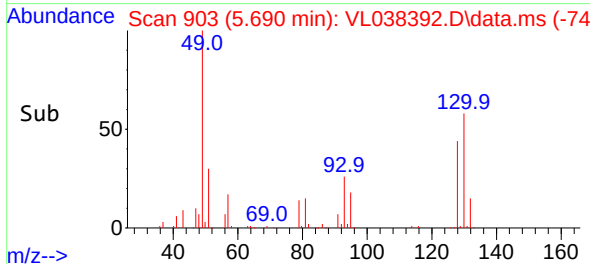
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



Tgt Ion: 57 Resp: 3844
Ion Ratio Lower Upper
57 100
41 113.6 73.1 109.7
43 86.9 181.0 271.4
56 60.1 43.4 65.0

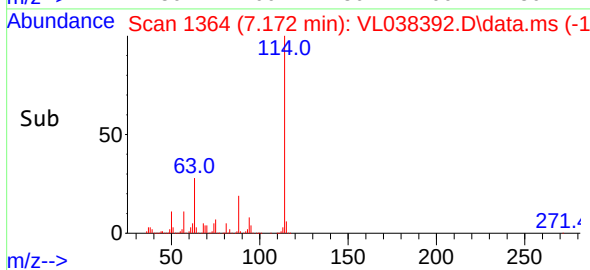
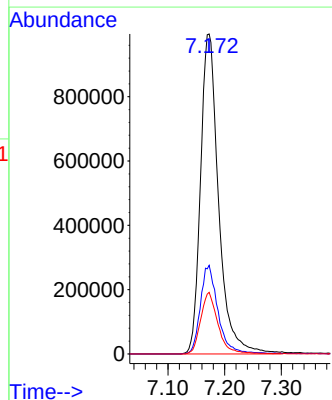
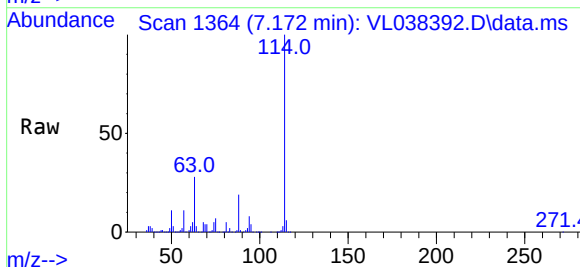
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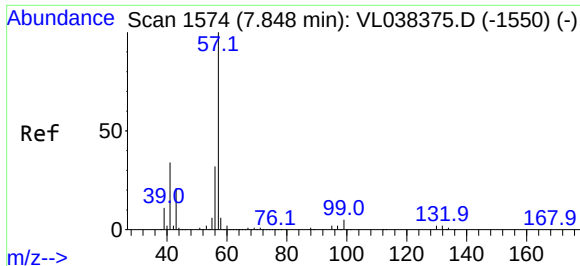
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

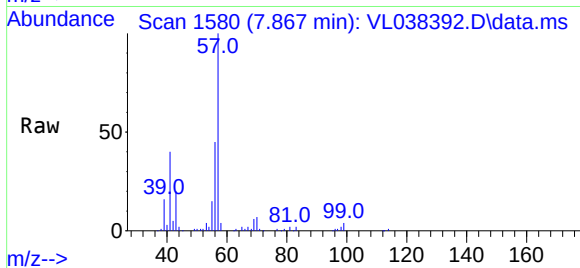
Tgt Ion:114 Resp: 2204743
Ion Ratio Lower Upper
114 100
63 27.3 22.2 33.2
88 18.5 15.2 22.8





#44
2,2,4-Trimethylpentane
Concen: 0.521 ppbv
RT: 7.867 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

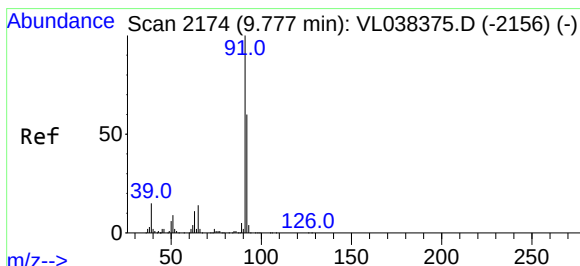
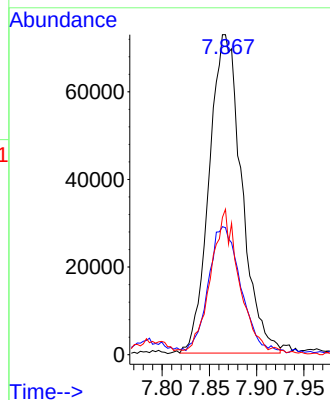
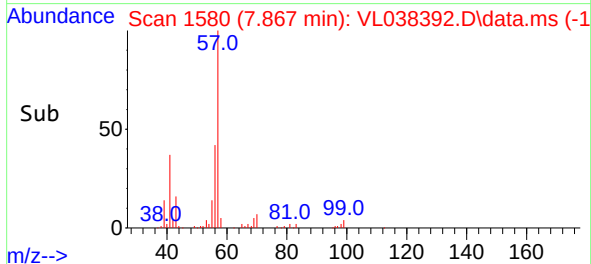
Instrument :
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ClientSampleId :
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Tgt Ion: 57 Resp: 173812
Ion Ratio Lower Upper
57 100
41 43.4 26.6 39.8
56 42.0 25.0 37.6

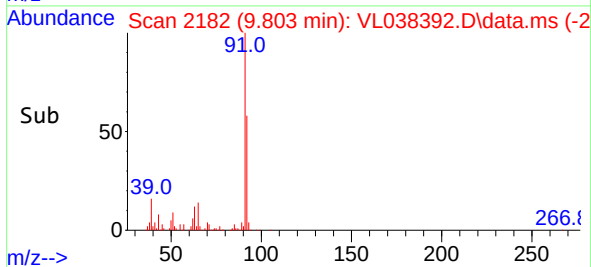
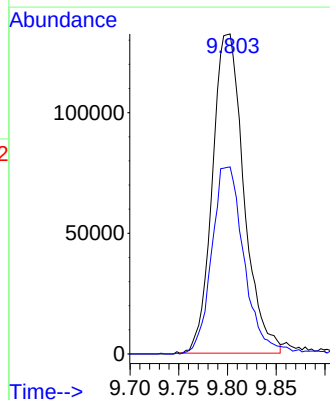
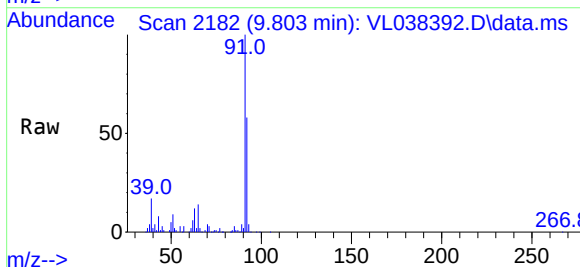
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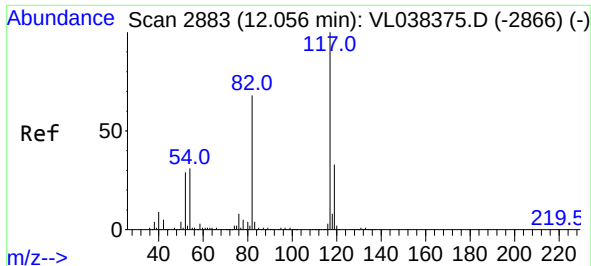
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#53
Toluene
Concen: 1.411 ppbv
RT: 9.803 min Scan# 2182
Delta R.T. 0.026 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

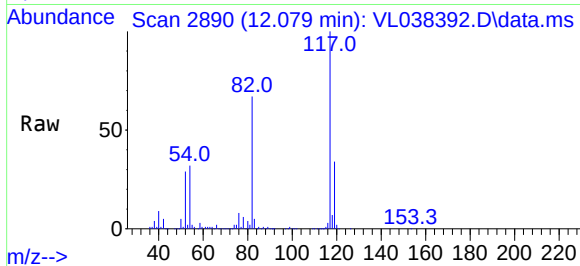
Tgt Ion: 91 Resp: 297425
Ion Ratio Lower Upper
91 100
92 61.7 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2198
Delta R.T. 0.023 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01

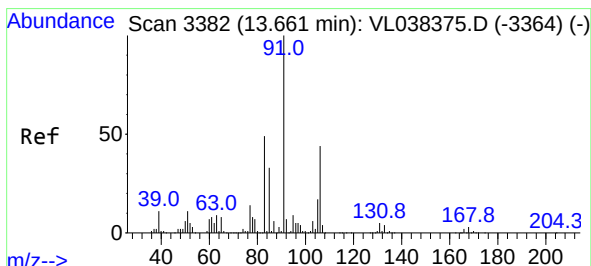
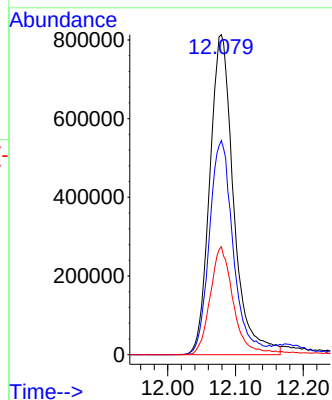
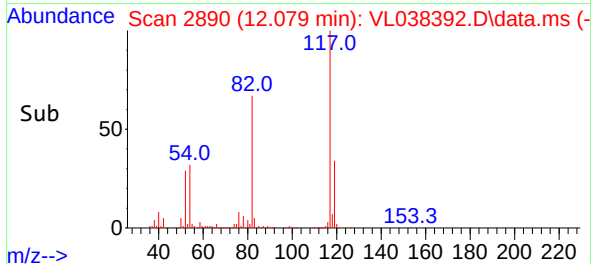
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MSVOA_L
ClientSampleId :
MP-11DL



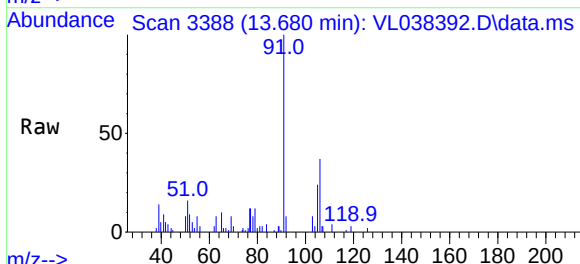
Tgt Ion:117 Resp: 1988518
Ion Ratio Lower Upper
117 100
82 67.0 54.9 82.3
119 34.3 46.1 69.1

Manual Integrations
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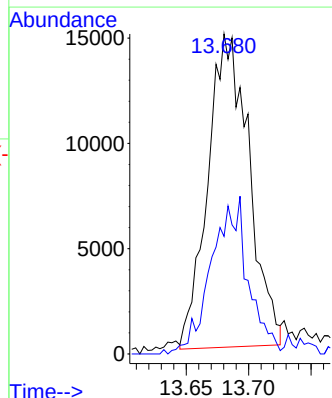
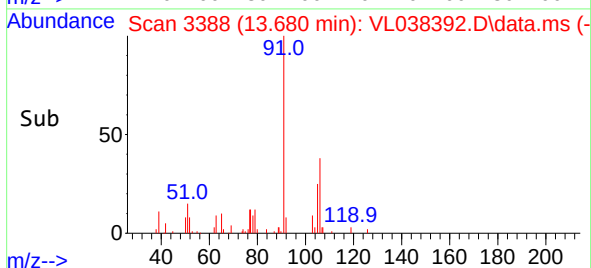
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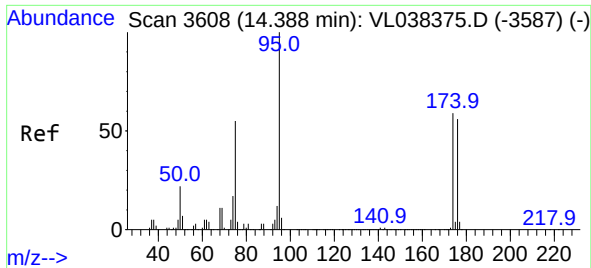


#60
o-Xylene
Concen: 0.155 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. 0.019 min
Lab File: VL038392.D
Acq: 22 Feb 2022 17:01



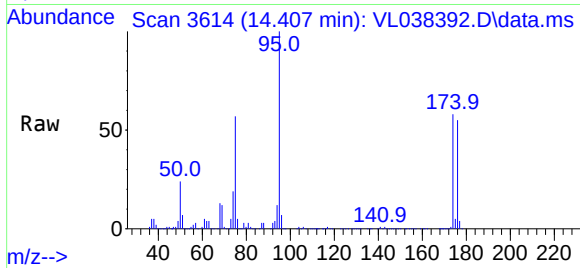
Tgt Ion: 91 Resp: 34275
Ion Ratio Lower Upper
91 100
106 45.1 21.9 65.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.705 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL038392.D
 Acq: 22 Feb 2022 17:01

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-11DL



Tgt Ion: 95 Resp: 1596862
 Ion Ratio Lower Upper
 95 100
 174 62.7 49.0 73.4
 175 4.6 3.6 5.4

Manual Integrations
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