

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039434.D
 Acq On : 6 Jul 2022 1:04
 Operator : SY/AP
 Sample : N3573-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:39:40 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1117729	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	3104414	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2717672	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2005647	9.948	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
13) Ethanol	3.632	45	13641m	3.671	ppbv	
15) Acetone	3.870	43	121287	0.917	ppbv	91
19) Isopropyl Alcohol	4.002	45	8178m	0.116	ppbv	
20) Methylene Chloride	4.356	84	225541	4.279	ppbv	92
26) Hexane	5.700	57	135429	1.239	ppbv #	39

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

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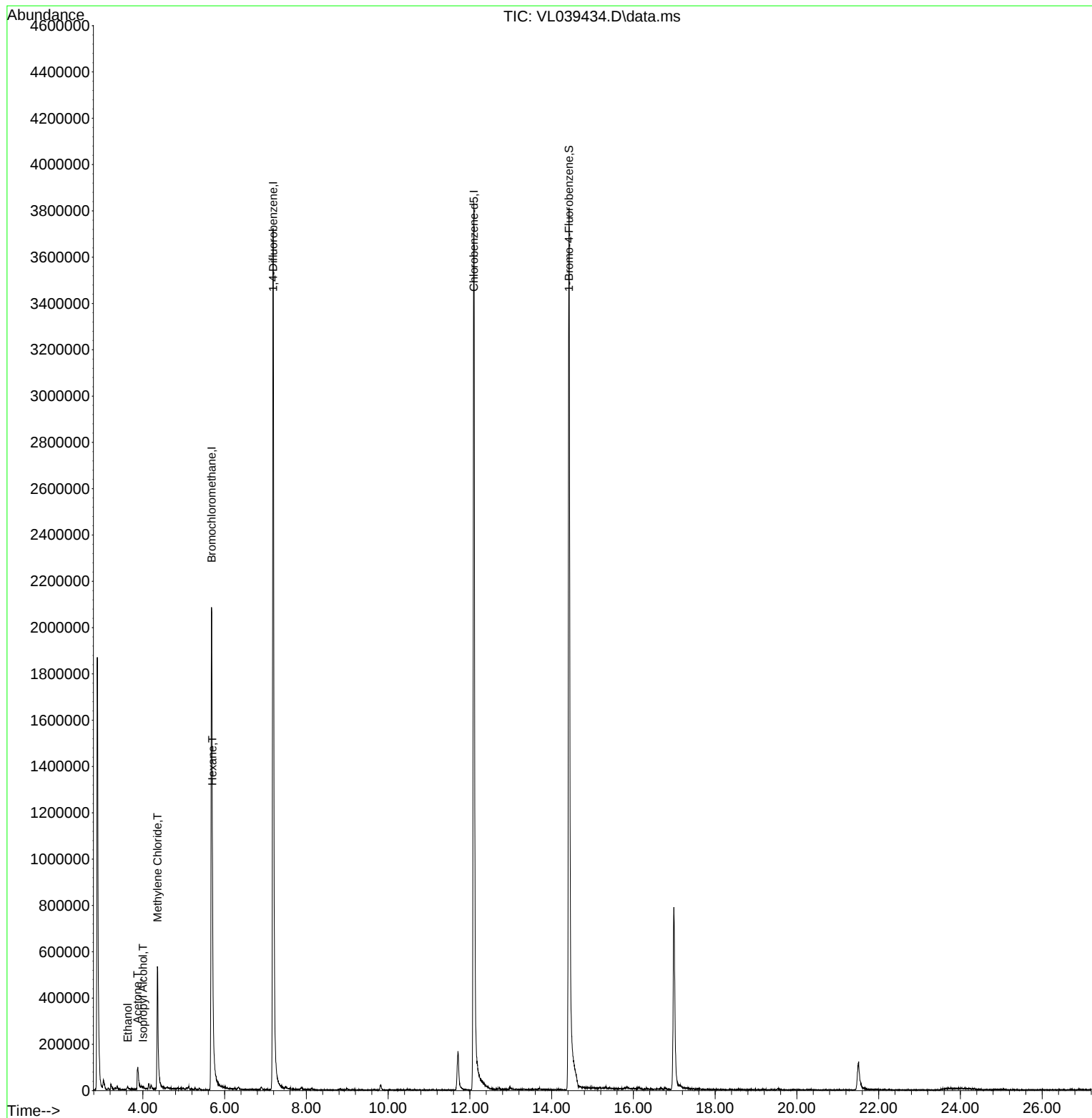
Quant Time: Jul 06 02:39:40 2022

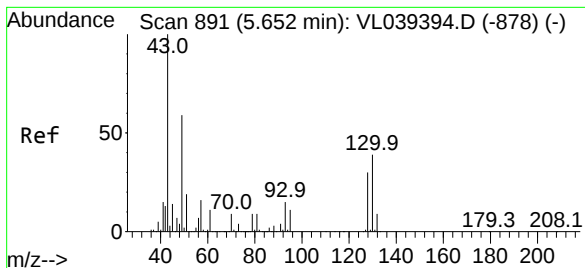
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul

QLast Update : Wed Jul 06 02:15:38 2022

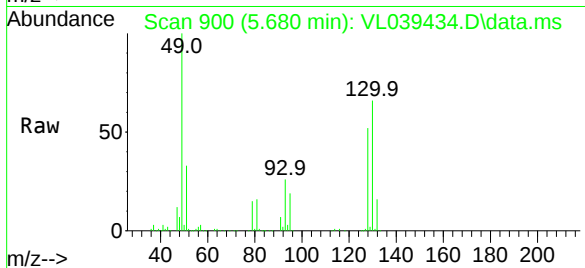
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

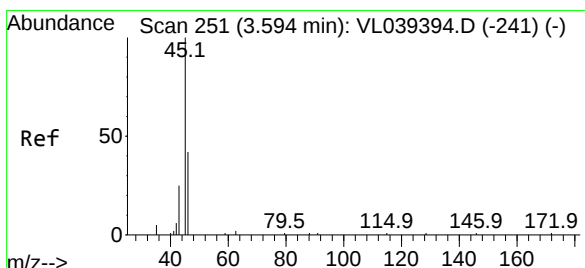
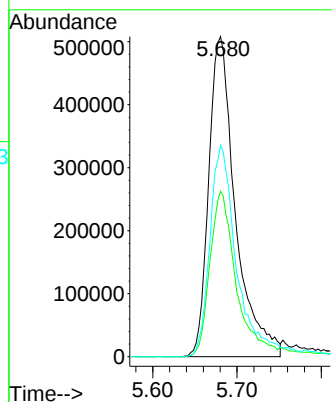
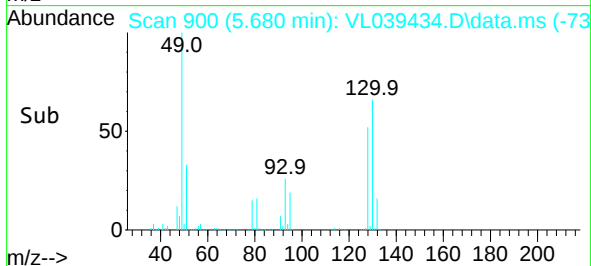
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 1117729
Ion Ratio Lower Upper
49 100
128 53.7 26.7 80.0
130 68.6 34.3 102.8

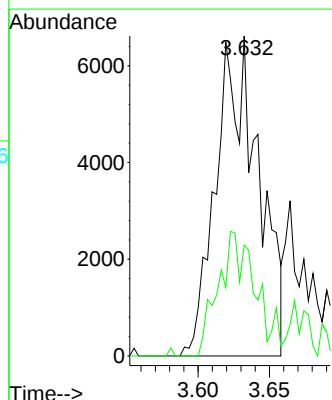
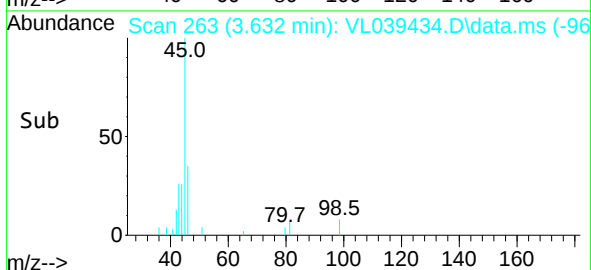
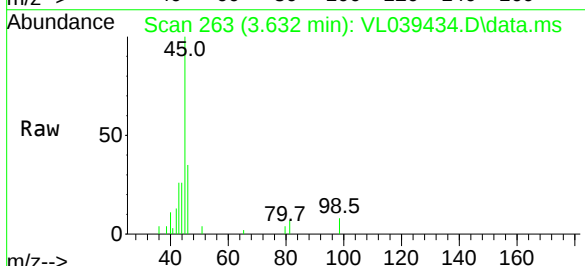
Manual Integrations
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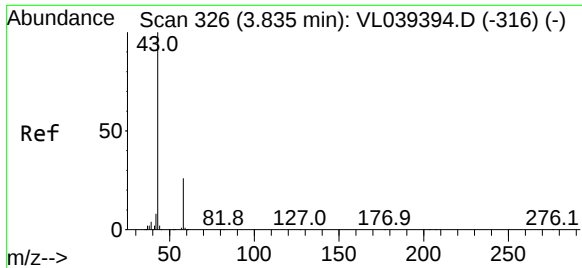
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#13
Ethanol
Concen: 3.671 ppbv m
RT: 3.632 min Scan# 263
Delta R.T. 0.038 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

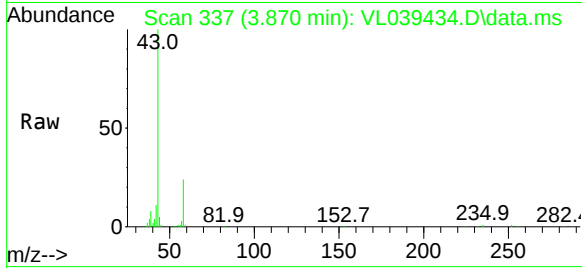
Tgt Ion: 45 Resp: 13641
Ion Ratio Lower Upper
45 100
46 34.4 22.8 91.2





#15
Acetone
Concen: 0.917 ppbv
RT: 3.870 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

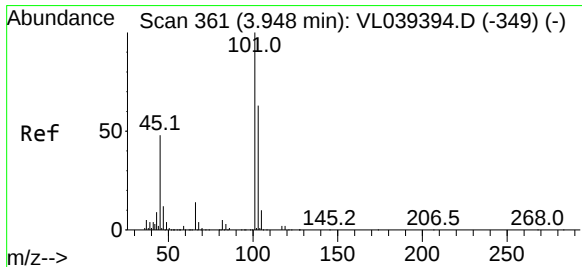
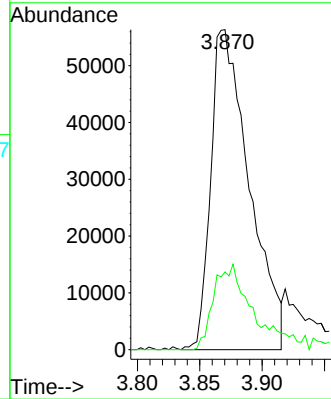
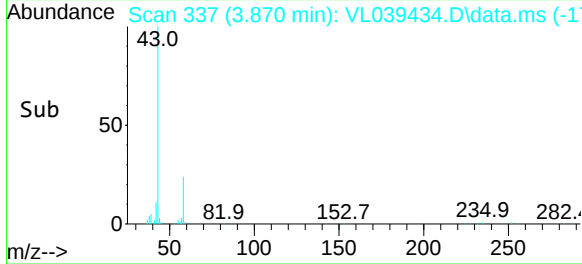
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



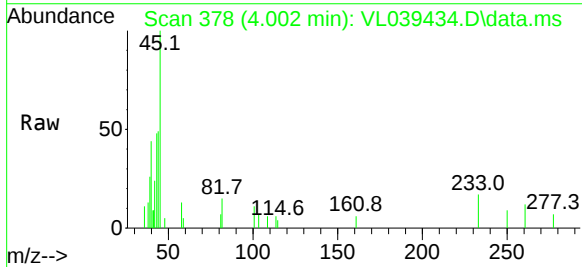
Tgt Ion: 43 Resp: 12128
Ion Ratio Lower Upper
43 100
58 31.1 21.0 31.6

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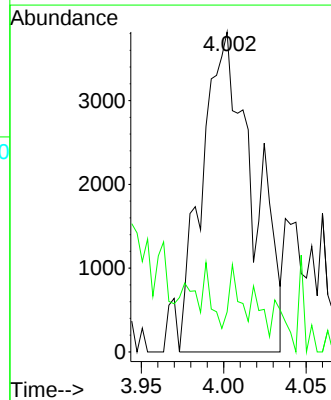
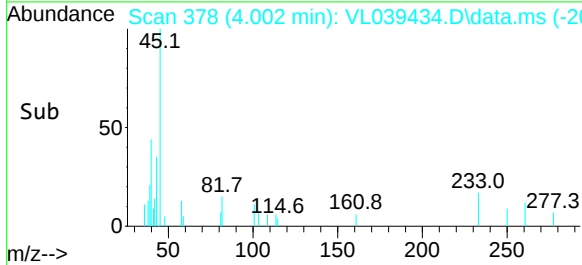
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Supervised By :Mahesh Dadoda 07/07/2022

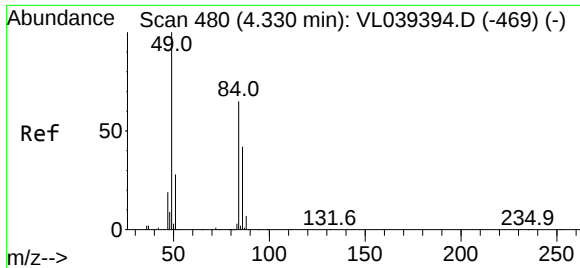


#19
Isopropyl Alcohol
Concen: 0.116 ppbv m
RT: 4.002 min Scan# 378
Delta R.T. 0.054 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04



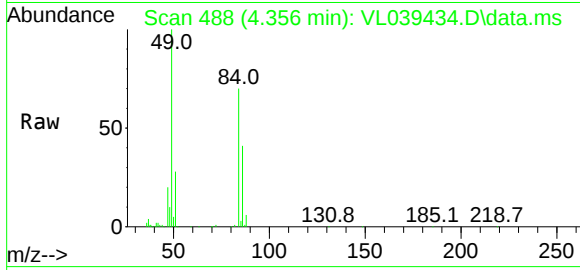
Tgt Ion: 45 Resp: 8178
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#





#20
Methylene Chloride
Concen: 4.279 ppbv
RT: 4.356 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

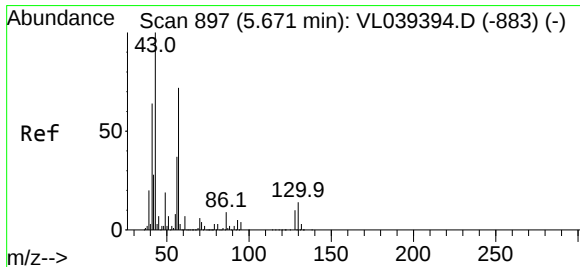
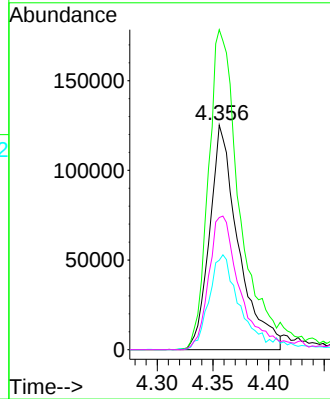
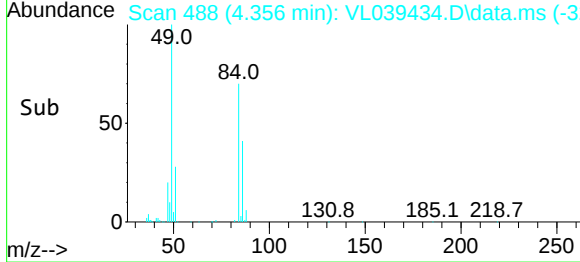
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 84 Resp: 22554
Ion Ratio Lower Upper
84 100
49 142.1 123.1 184.7
51 39.3 34.4 51.6
86 58.8 51.1 76.7

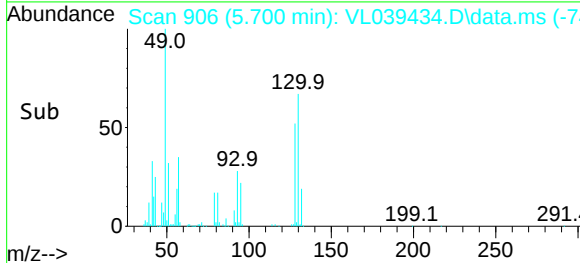
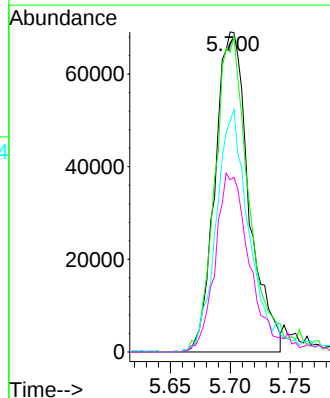
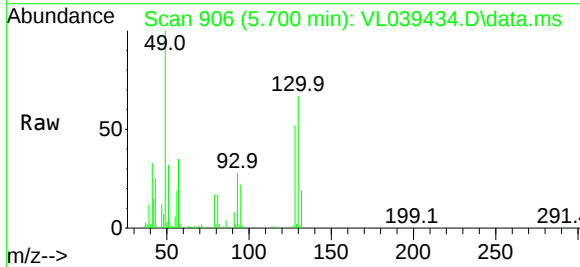
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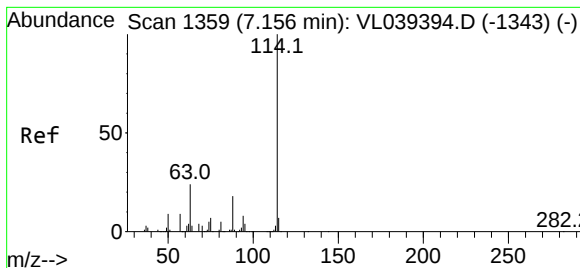
Reviewed By :Semsettin Yesilyurt 07/07/2022
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#26
Hexane
Concen: 1.239 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

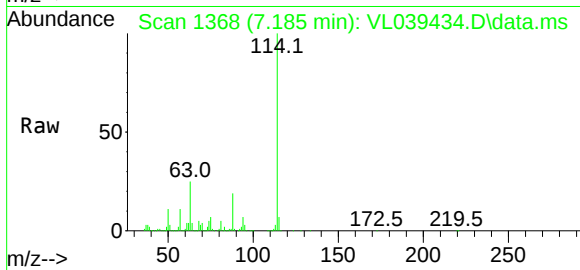
Tgt Ion: 57 Resp: 135429
Ion Ratio Lower Upper
57 100
41 101.7 76.9 115.3
43 77.5 191.0 286.6#
56 58.6 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04

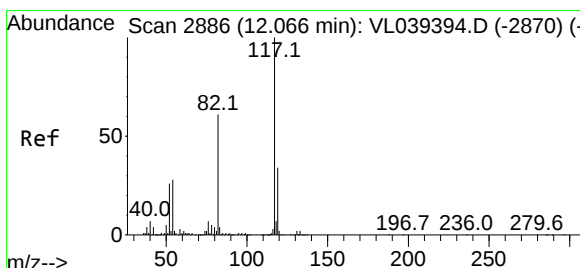
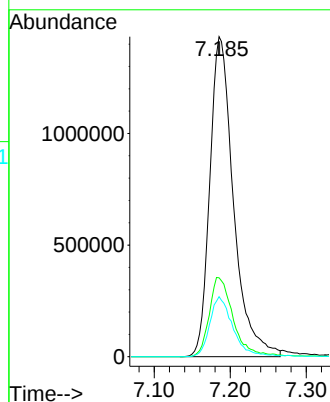
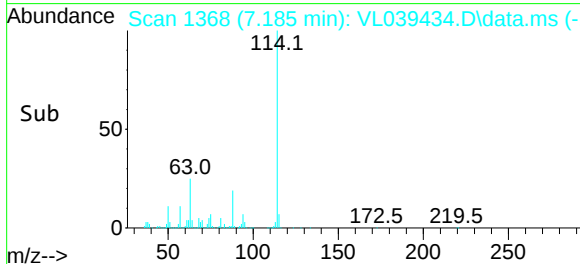
Instrument :
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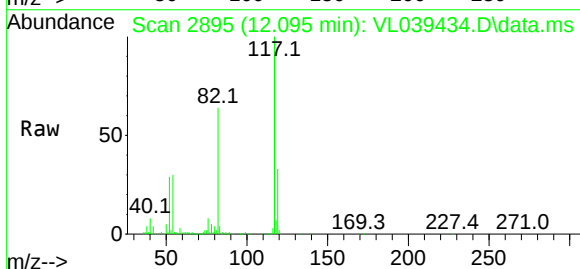
Tgt Ion:114 Resp: 3104414
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.7 14.5 21.7

Manual Integrations
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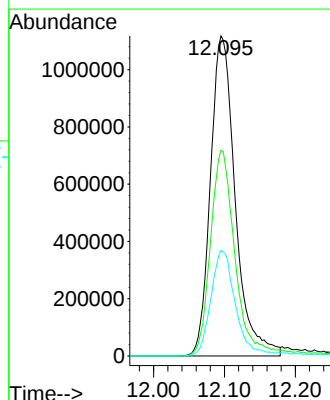
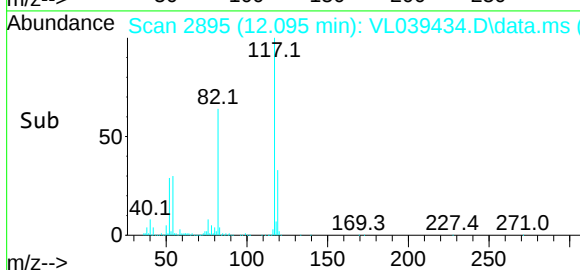
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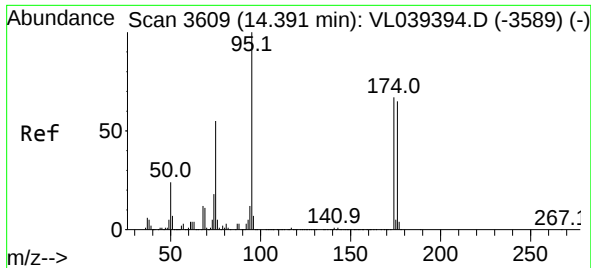


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.029 min
Lab File: VL039434.D
Acq: 6 Jul 2022 1:04



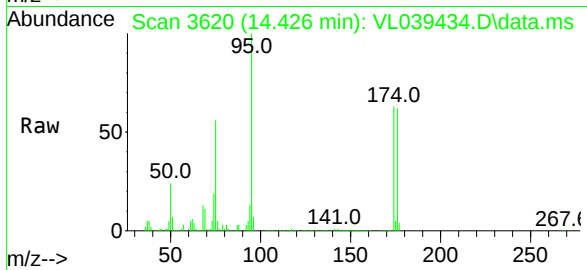
Tgt Ion:117 Resp: 2717672
Ion Ratio Lower Upper
117 100
82 65.2 50.8 76.2
119 33.8 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.948 ppbv
 RT: 14.426 min Scan# 30
 Delta R.T. 0.035 min
 Lab File: VL039434.D
 Acq: 6 Jul 2022 1:04

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 95 Resp: 200564

Ion	Ratio	Lower	Upper
95	100		
174	71.0	55.9	83.9
175	5.2	4.2	6.4

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