

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038774.D
 Acq On : 28 Mar 2022 16:56
 Operator : SY/AP
 Sample : N2078-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:12:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 29 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	806210	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2126848	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.085	117	1802084	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	1334224	9.657	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
4) Chloromethane	3.153	50	7438	0.159	ppbv #	86
9) Propene	3.031	41	6716m	0.163	ppbv	
13) Ethanol	3.626	45	12781m	2.819	ppbv	
15) Acetone	3.873	43	40338	0.580	ppbv	94
20) Methylene Chloride	4.353	84	26932	0.919	ppbv	98
26) Hexane	5.690	57	16995m	0.217	ppbv	

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

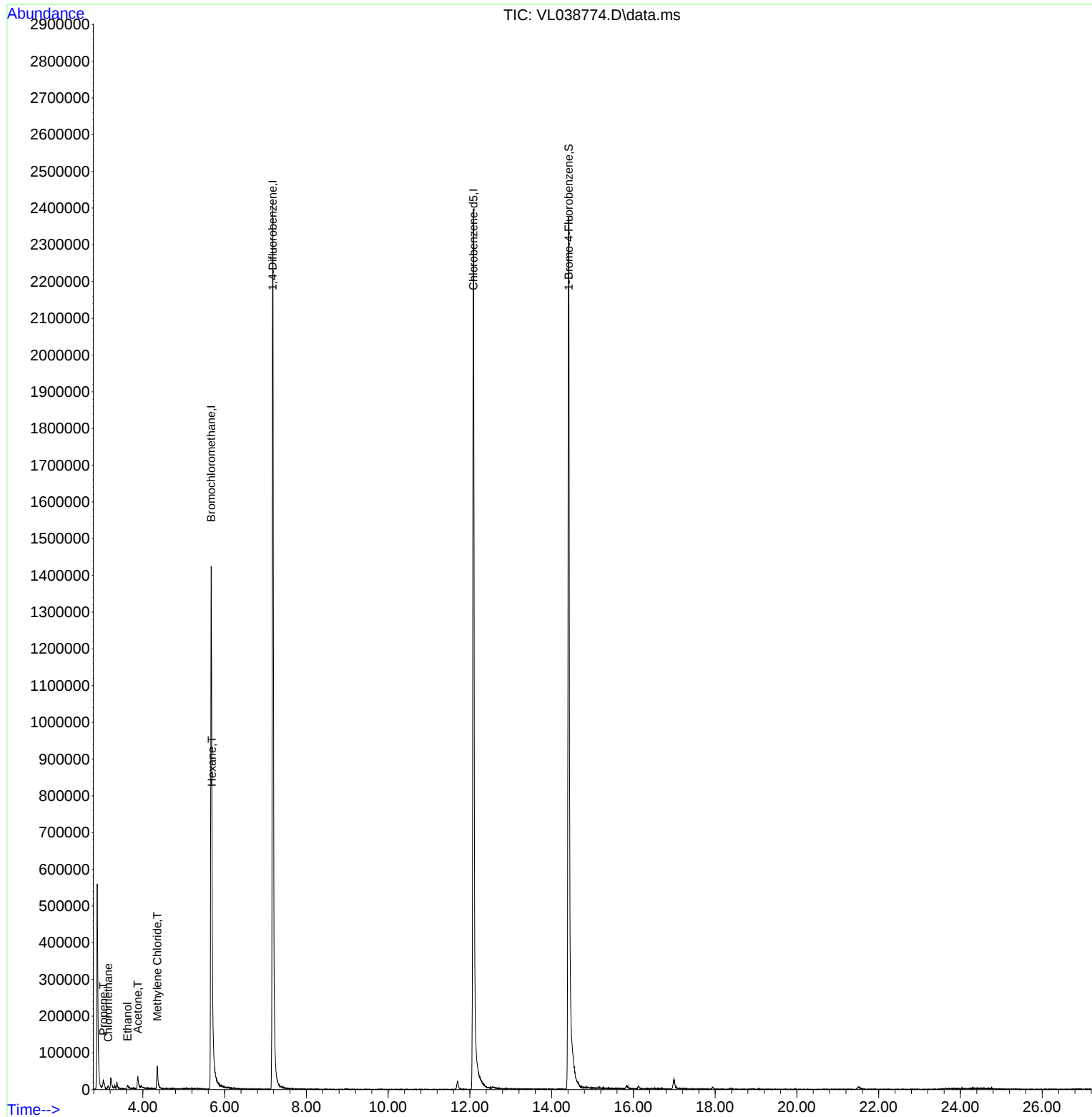
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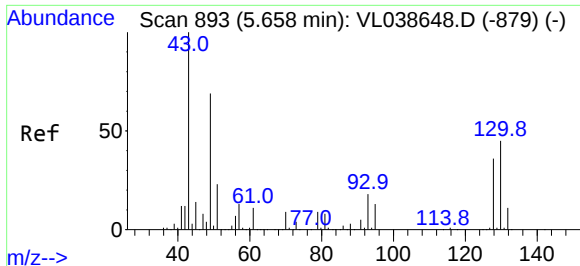
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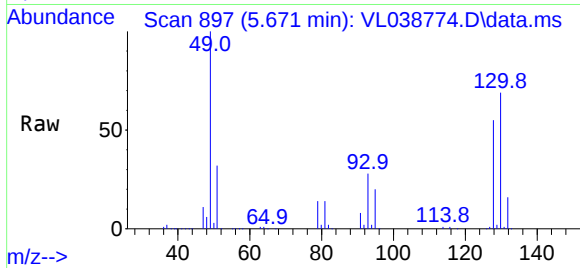
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 893
Delta R.T. 0.013 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

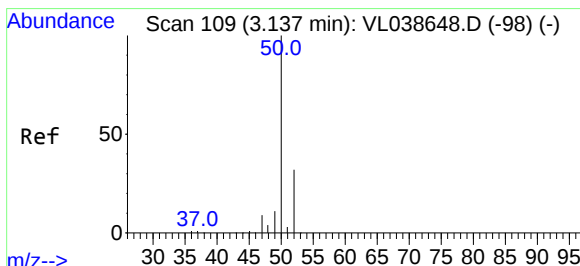
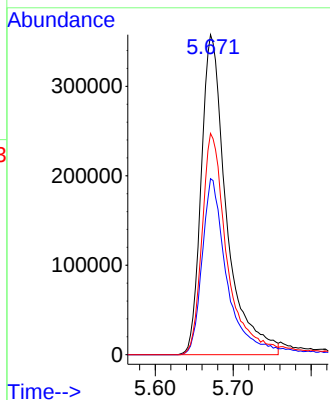
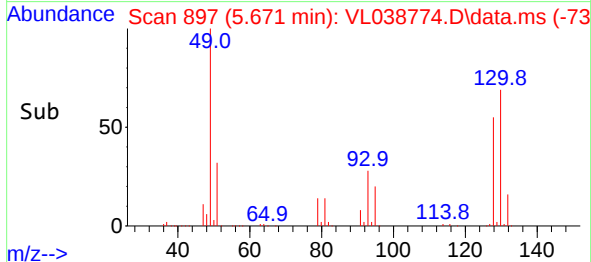
Instrument :
MSVOA_L
ClientSampleId :
V-3DL



Tgt Ion: 49 Resp: 806210
Ion Ratio Lower Upper
49 100
128 57.1 26.2 78.6
130 72.9 33.7 101.1

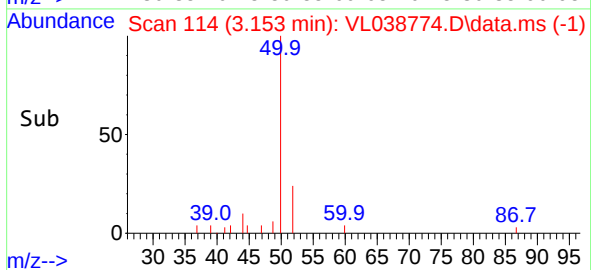
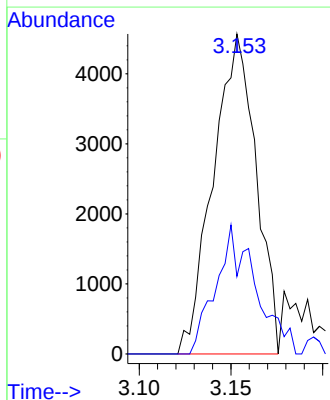
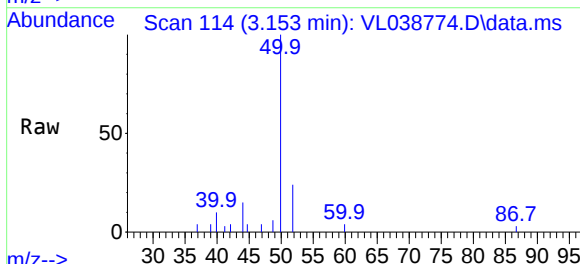
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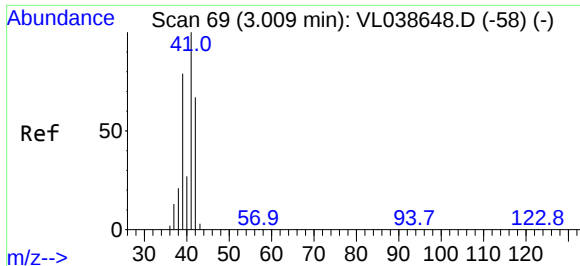
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#4
Chloromethane
Concen: 0.159 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.016 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

Tgt Ion: 50 Resp: 7438
Ion Ratio Lower Upper
50 100
52 24.3 25.5 38.3#





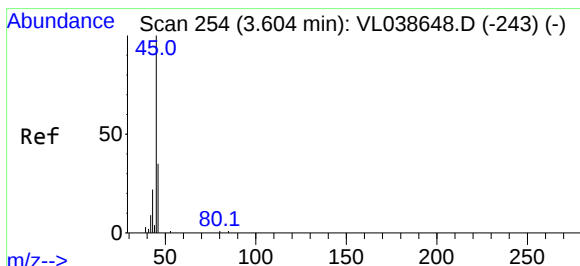
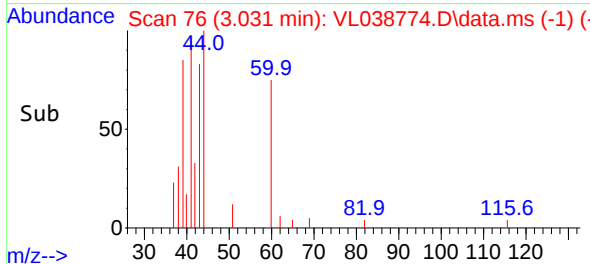
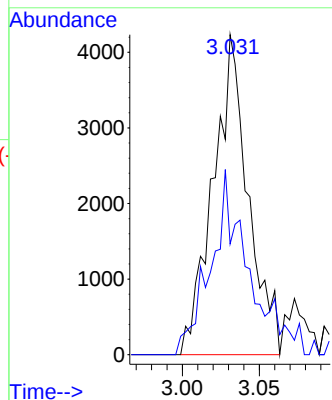
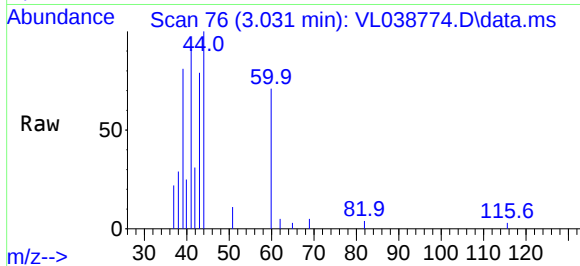
#9
Propene
Concen: 0.163 ppbv m
RT: 3.031 min Scan# 70
Delta R.T. 0.022 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

Instrument :
MSVOA_L
ClientSampleId :
V-3DL

Tgt Ion: 41 Resp: 6710
Ion Ratio Lower Upper
41 100
42 62.8 56.2 84.4

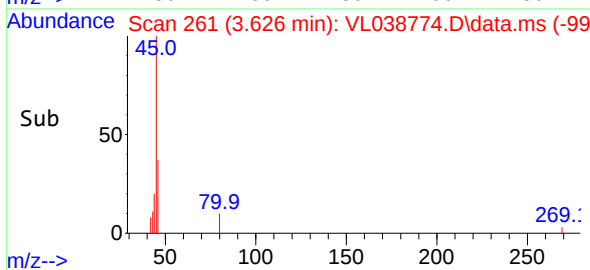
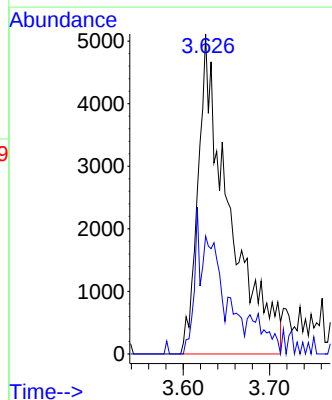
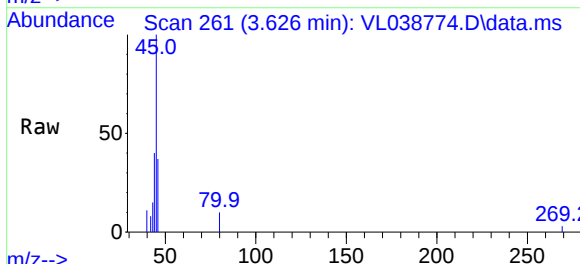
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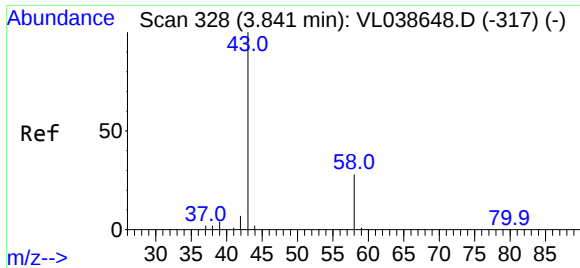
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Supervised By :Mahesh Dadoda 03/29/2022



#13
Ethanol
Concen: 2.819 ppbv m
RT: 3.626 min Scan# 261
Delta R.T. 0.022 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

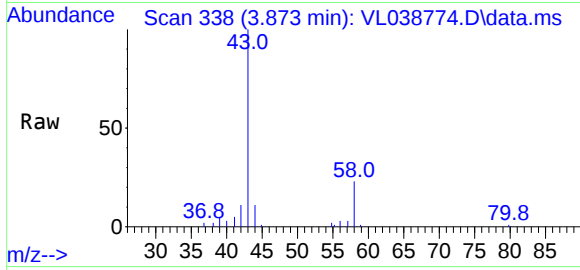
Tgt Ion: 45 Resp: 12781
Ion Ratio Lower Upper
45 100
46 43.5 15.1 60.5





#15
Acetone
Concen: 0.580 ppbv
RT: 3.873 min Scan# 317
Delta R.T. 0.032 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

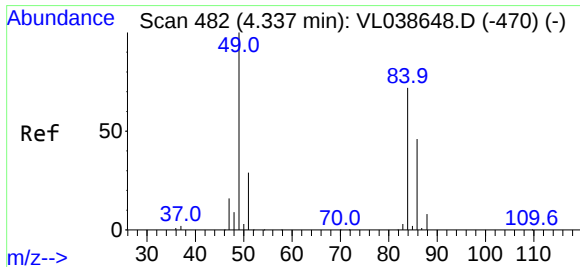
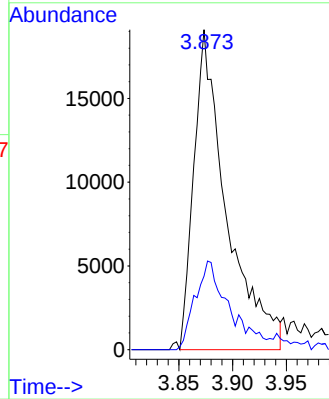
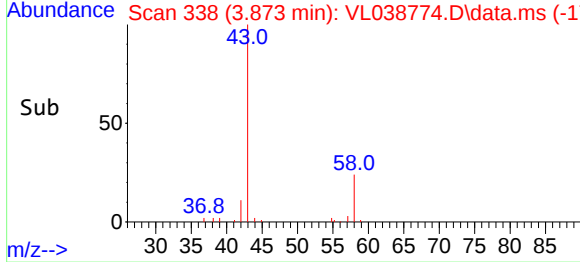
Instrument :
MSVOA_L
ClientSampleId :
V-3DL



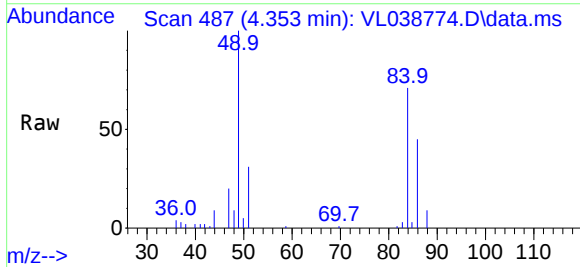
Tgt Ion: 43 Resp: 40338
Ion Ratio Lower Upper
43 100
58 32.1 23.3 34.9

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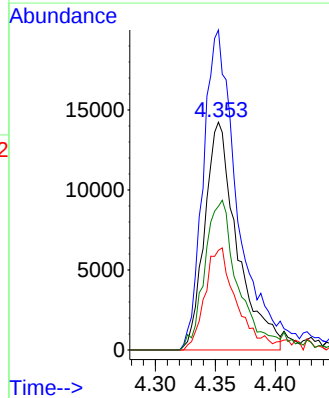
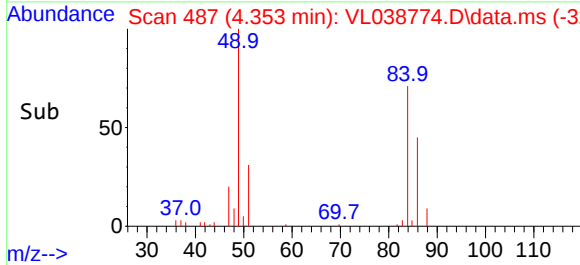
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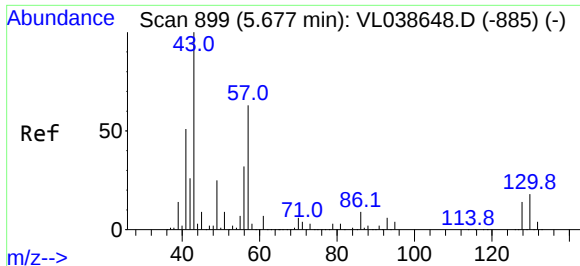


#20
Methylene Chloride
Concen: 0.919 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.016 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56



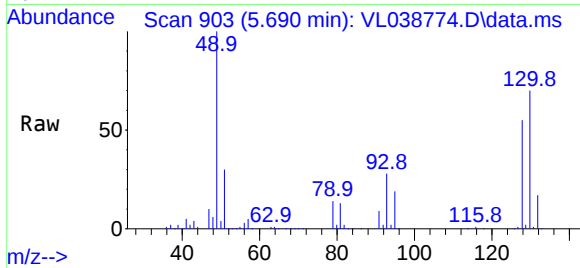
Tgt Ion: 84 Resp: 26932
Ion Ratio Lower Upper
84 100
49 140.5 111.2 166.8
51 43.8 32.8 49.2
86 63.1 51.4 77.0





#26
Hexane
Concen: 0.217 ppbv m
RT: 5.690 min Scan# 903
Delta R.T. 0.013 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

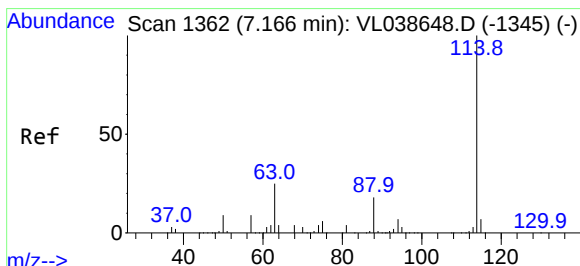
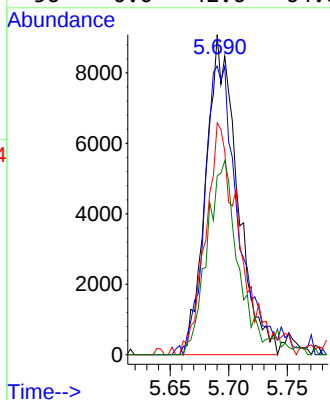
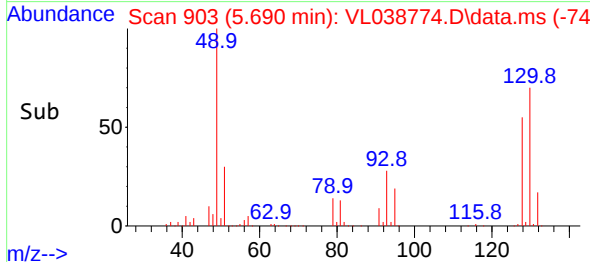
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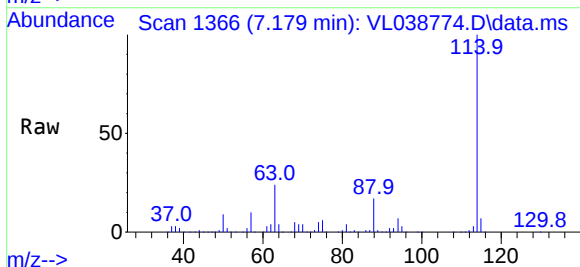
Tgt Ion: 57 Resp: 1699
Ion Ratio Lower Upper
57 100
41 99.7 67.0 100.4
43 81.8 184.2 276.2
56 0.0 42.6 64.0

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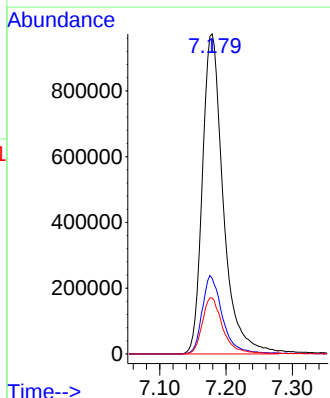
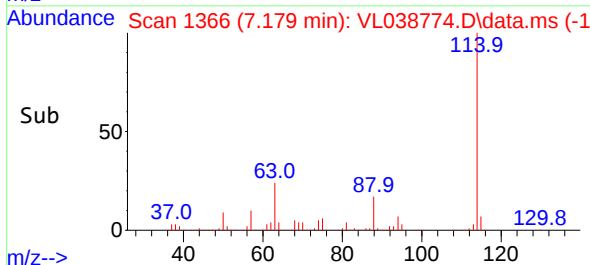
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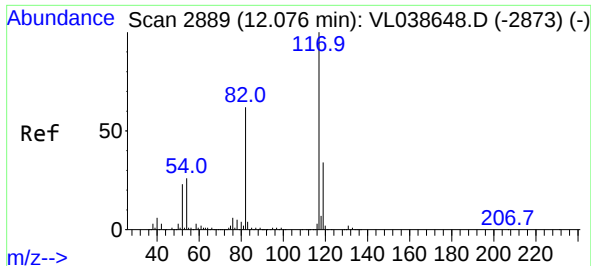


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. 0.013 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56



Tgt Ion:114 Resp: 2126848
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.5 13.9 20.9





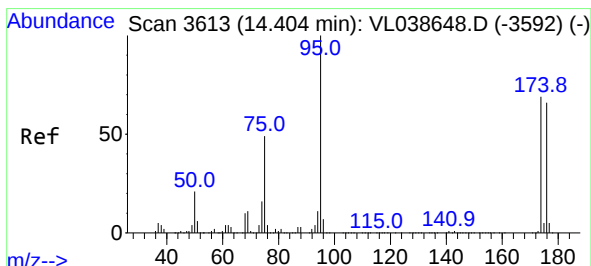
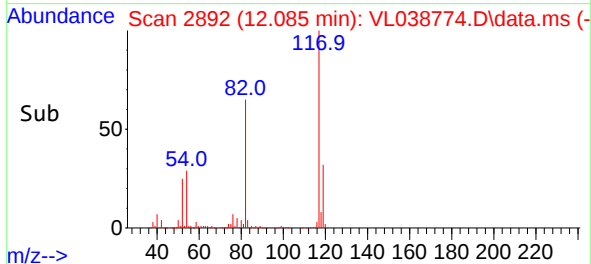
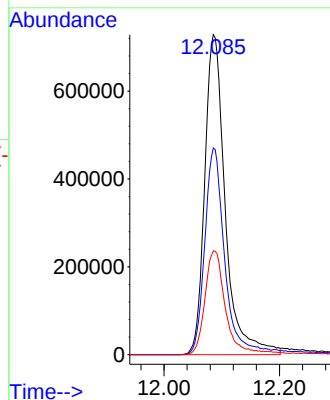
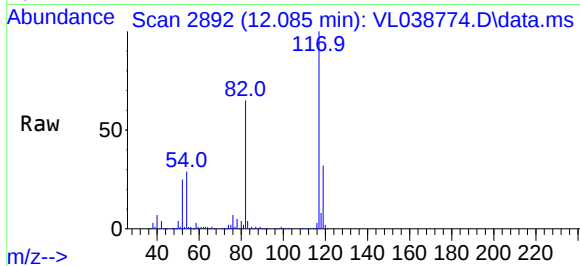
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

Instrument :
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Tgt Ion: 117 Resp: 1802084
Ion Ratio Lower Upper
117 100
82 65.9 51.6 77.4
119 32.7 26.9 40.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.657 ppbv
RT: 14.416 min Scan# 3617
Delta R.T. 0.013 min
Lab File: VL038774.D
Acq: 28 Mar 2022 16:56

Tgt Ion: 95 Resp: 1334224
Ion Ratio Lower Upper
95 100
174 71.9 56.1 84.1
175 5.1 4.2 6.2

